

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035433.D
 Acq On : 01 May 2023 12:23
 Operator : JC/MD
 Sample : VX0501WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 23:56:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	254489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	392696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151843	49.456	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.920%		
35) Dibromofluoromethane	5.379	113	124907	51.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.640%		
50) Toluene-d8	8.647	98	461644	50.773	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.540%		
62) 4-Bromofluorobenzene	11.079	95	178306	52.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47384	17.597	ug/l	99
3) Chloromethane	1.294	50	38041	15.529	ug/l	100
4) Vinyl Chloride	1.374	62	41248	16.788	ug/l	99
5) Bromomethane	1.618	94	24325	14.896	ug/l	100
6) Chloroethane	1.691	64	23701	16.494	ug/l	98
7) Trichlorofluoromethane	1.886	101	67228	17.498	ug/l	99
8) Diethyl Ether	2.136	74	24377	17.401	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	46697	18.197	ug/l	95
10) Methyl Iodide	2.453	142	43872	13.546	ug/l	98
11) Tert butyl alcohol	2.977	59	53543m	95.778	ug/l	
12) 1,1-Dichloroethene	2.319	96	42821	17.324	ug/l	97
13) Acrolein	2.239	56	53128	96.637	ug/l	99
14) Allyl chloride	2.666	41	75177	17.283	ug/l	97
15) Acrylonitrile	3.062	53	130520	93.349	ug/l	100
16) Acetone	2.386	43	121431	91.064	ug/l	98
17) Carbon Disulfide	2.514	76	96539	16.293	ug/l	97
18) Methyl Acetate	2.703	43	99828	19.360	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	161162	19.005	ug/l	98
20) Methylene Chloride	2.788	84	51691	16.906	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	46485	17.316	ug/l	90
22) Diisopropyl ether	3.757	45	157530	18.301	ug/l	94
23) Vinyl Acetate	3.721	43	557445	94.217	ug/l	97
24) 1,1-Dichloroethane	3.605	63	87158	17.977	ug/l	99
25) 2-Butanone	4.556	43	176680	90.776	ug/l	95
26) 2,2-Dichloropropane	4.477	77	68614	18.064	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	57525	18.230	ug/l	92
28) Bromochloromethane	4.897	49	39665	19.197	ug/l	83
29) Tetrahydrofuran	5.007	42	114190	91.521	ug/l	95
30) Chloroform	5.086	83	91247	18.643	ug/l	92
31) Cyclohexane	5.464	56	76602	17.588	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	78516	18.304	ug/l	96
36) 1,1-Dichloropropene	5.690	75	66613	17.700	ug/l	98
37) Ethyl Acetate	4.708	43	67475	19.630	ug/l	95
38) Carbon Tetrachloride	5.678	117	67207	18.811	ug/l	99
39) Methylcyclohexane	7.379	83	80317	17.532	ug/l	98
40) Benzene	6.038	78	195364	18.096	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	38402	19.498	ug/l	95
42) 1,2-Dichloroethane	6.086	62	71720	18.632	ug/l	96
43) Isopropyl Acetate	6.336	43	110333	19.103	ug/l #	94
44) Trichloroethene	7.123	130	55411	18.631	ug/l	99
45) 1,2-Dichloropropane	7.428	63	51635	18.971	ug/l	100
46) Dibromomethane	7.580	93	35303	18.887	ug/l	92
47) Bromodichloromethane	7.818	83	65770	19.098	ug/l	99
48) Methyl methacrylate	7.690	41	56157	19.821	ug/l	92
49) 1,4-Dioxane	7.690	88	25582	370.433	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	349949	98.621	ug/l	96
52) Toluene	8.720	92	127163	18.582	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	71533	19.890	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	80751	19.865	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	53065	19.451	ug/l	95
56) Ethyl methacrylate	9.116	69	80696	19.857	ug/l	90
57) 1,3-Dichloropropane	9.305	76	90143	19.318	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	171089	84.195	ug/l	95
59) 2-Hexanone	9.427	43	264663	99.283	ug/l	95
60) Dibromochloromethane	9.519	129	53695	20.543	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55890	19.873	ug/l	100
64) Tetrachloroethene	9.275	164	49222	18.366	ug/l	98
65) Chlorobenzene	10.079	112	140071	18.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52357	19.865	ug/l	98
67) Ethyl Benzene	10.195	91	247485	18.871	ug/l	99
68) m/p-Xylenes	10.299	106	192038	38.214	ug/l	99
69) o-Xylene	10.640	106	94251	19.126	ug/l	100
70) Styrene	10.653	104	156041	19.530	ug/l	98
71) Bromoform	10.799	173	36501	19.911	ug/l #	98
73) Isopropylbenzene	10.963	105	247573	19.339	ug/l	100
74) N-amyl acetate	10.842	43	94789	19.703	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	79376	19.977	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63666m	18.225	ug/l	
77) Bromobenzene	11.195	156	62235	19.557	ug/l	89
78) n-propylbenzene	11.305	91	278549	18.946	ug/l	98
79) 2-Chlorotoluene	11.366	91	170621	18.571	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	212125	19.652	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	19983	18.527	ug/l	97
82) 4-Chlorotoluene	11.451	91	197156	19.106	ug/l	98
83) tert-Butylbenzene	11.713	119	208975	19.295	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	209896	19.353	ug/l	100
85) sec-Butylbenzene	11.890	105	249907	18.811	ug/l	99
86) p-Isopropyltoluene	12.006	119	218340	19.324	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114423	18.921	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116826	18.425	ug/l	99
89) n-Butylbenzene	12.335	91	175376	18.387	ug/l	98
90) Hexachloroethane	12.536	117	31945	18.469	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	115372	19.075	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16232	20.373	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	73933	19.446	ug/l	99
94) Hexachlorobutadiene	13.725	225	31071	18.621	ug/l	98
95) Naphthalene	13.774	128	247879	21.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72731	19.004	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

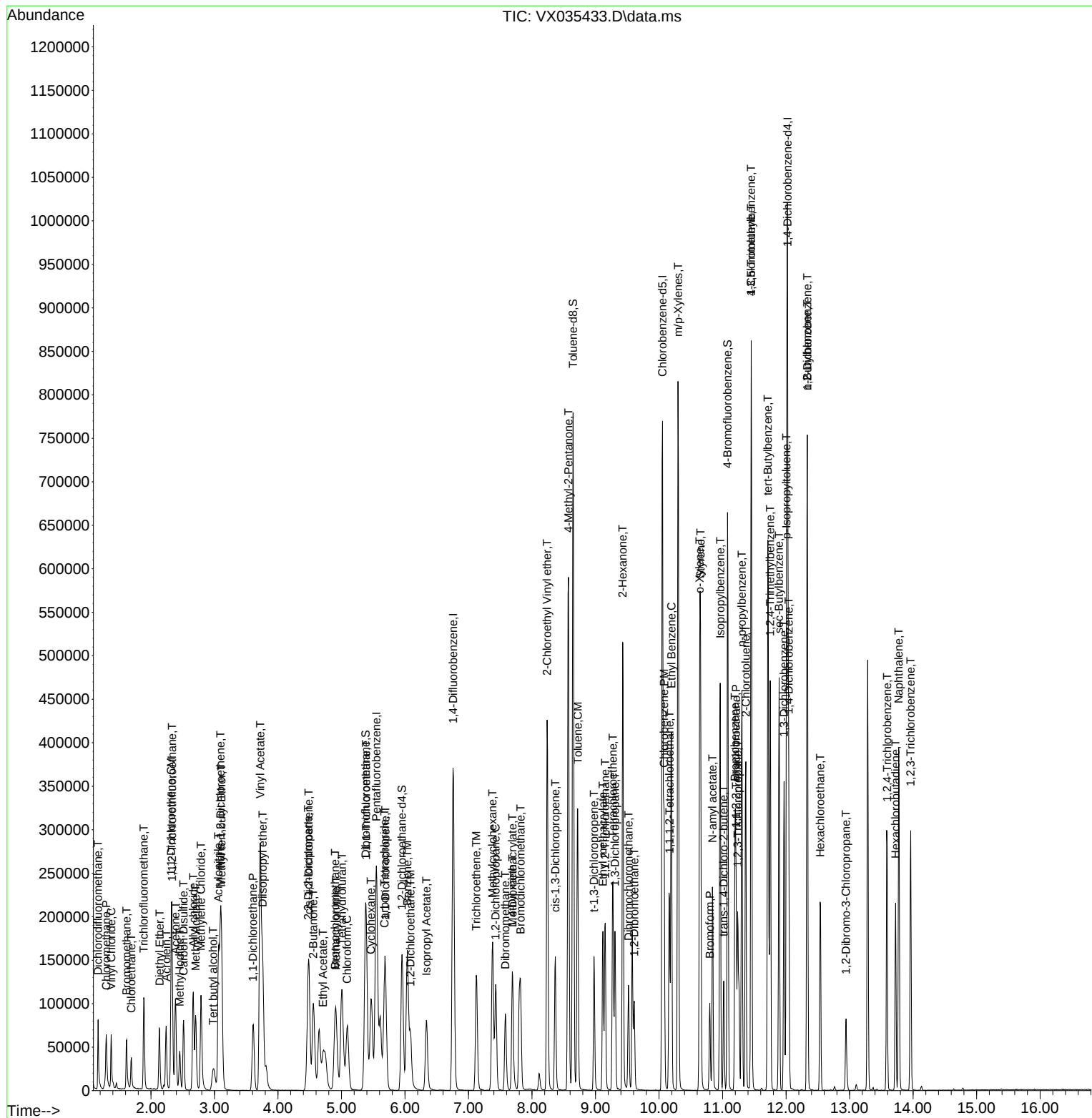
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Data File : VX035433.D
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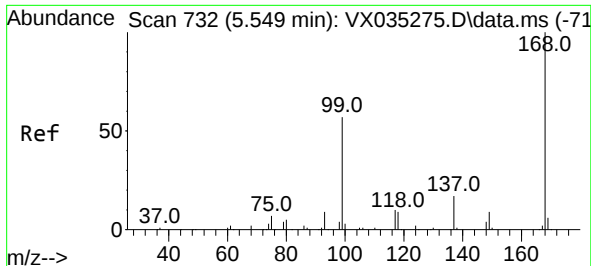
Instrument :
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Manual Integrations
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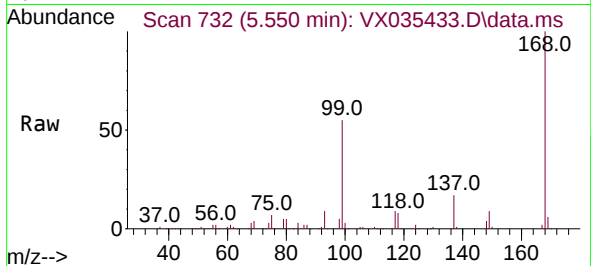
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035433.D
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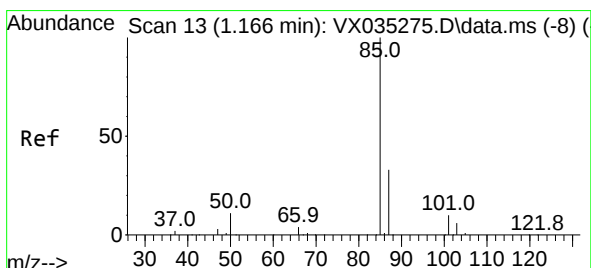
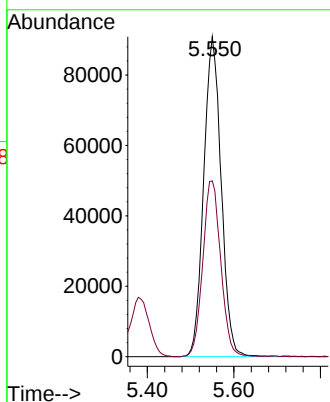
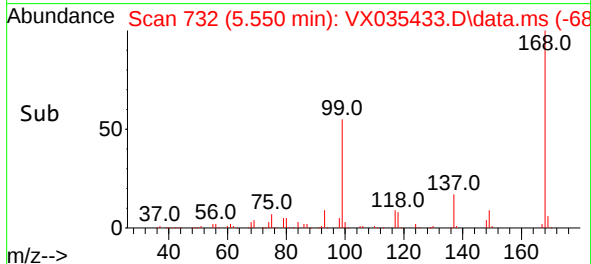
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion:168 Resp: 254489
Ion Ratio Lower Upper
168 100
99 55.0 45.7 68.5

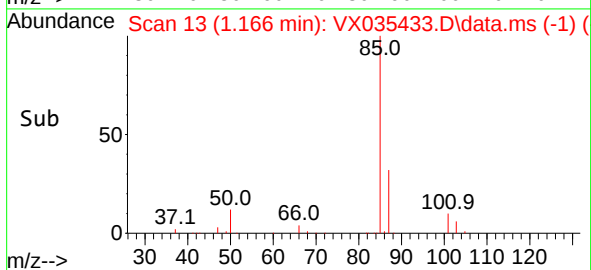
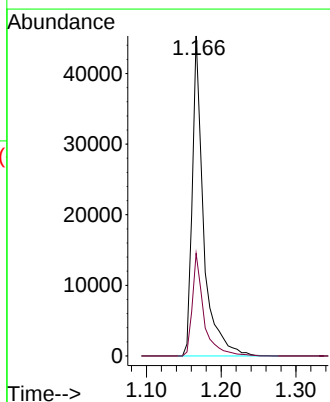
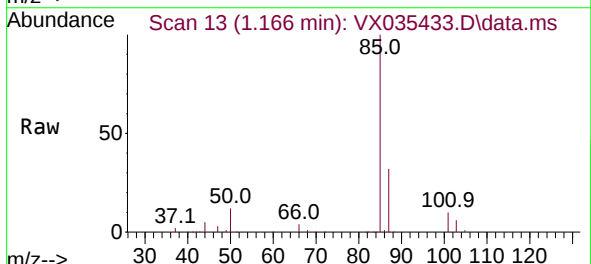
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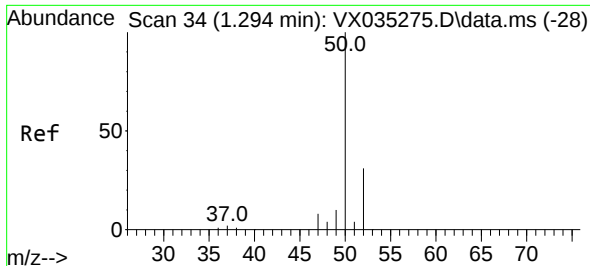
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#2
Dichlorodifluoromethane
Concen: 17.597 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

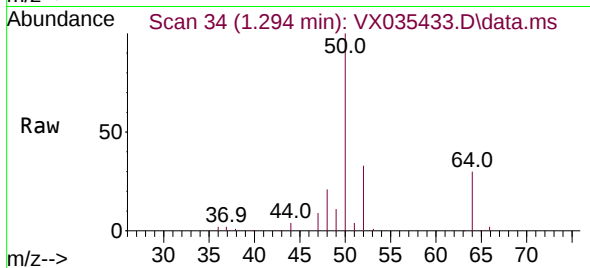
Tgt Ion: 85 Resp: 47384
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.1





#3
Chloromethane
Concen: 15.529 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

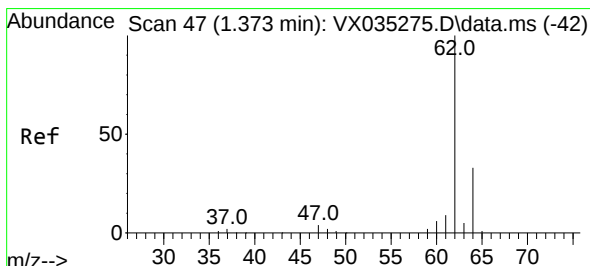
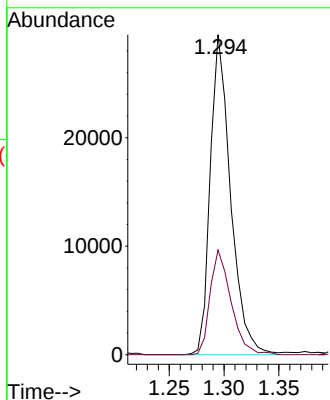
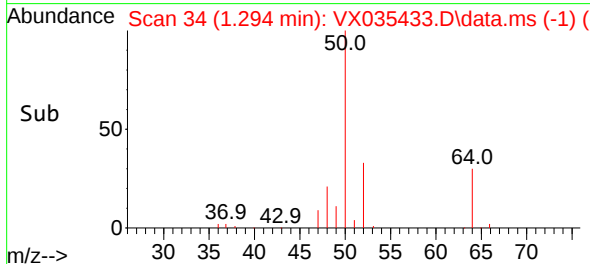
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 3804
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

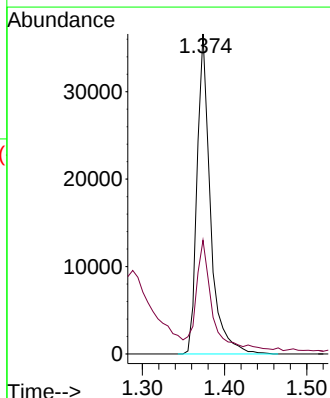
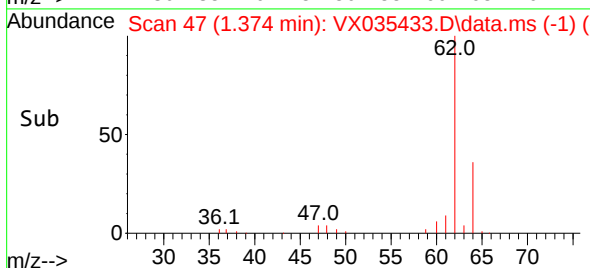
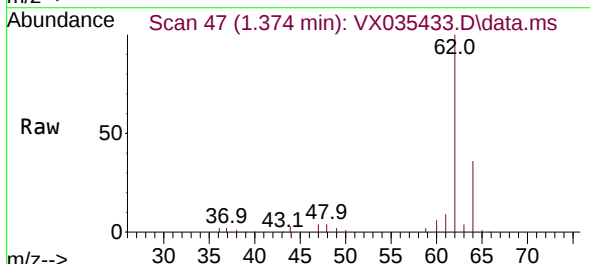
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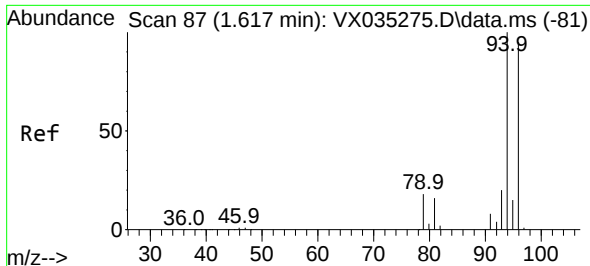
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#4
Vinyl Chloride
Concen: 16.788 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion: 62 Resp: 41248
Ion Ratio Lower Upper
62 100
64 33.6 26.4 39.6





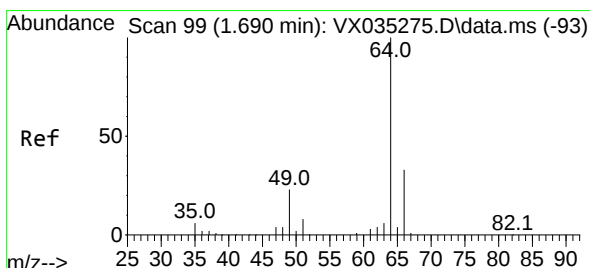
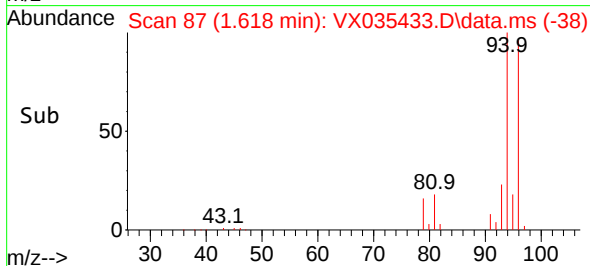
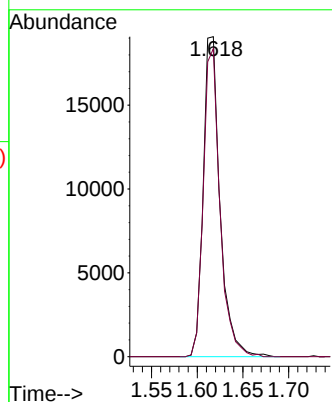
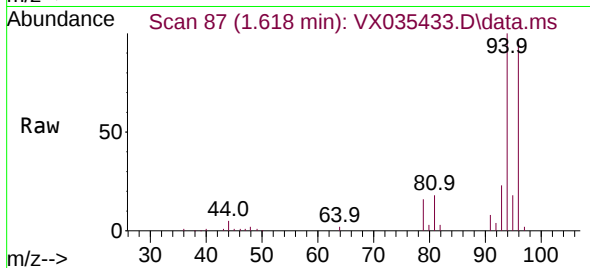
#5
Bromomethane
Concen: 14.896 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Instrument :
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Tgt Ion: 94 Resp: 2432
Ion Ratio Lower Upper
94 100
96 96.3 77.0 115.6

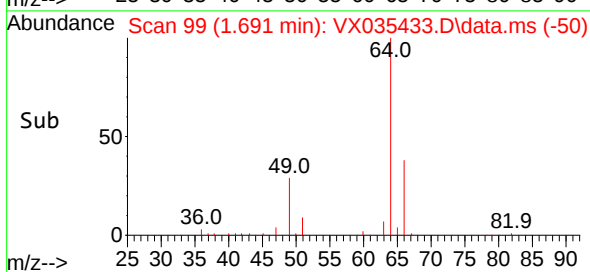
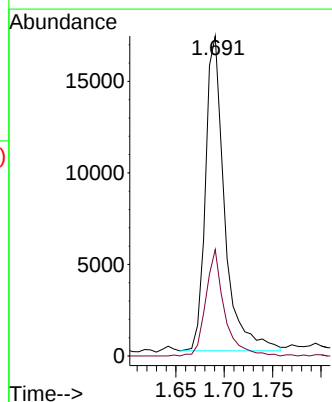
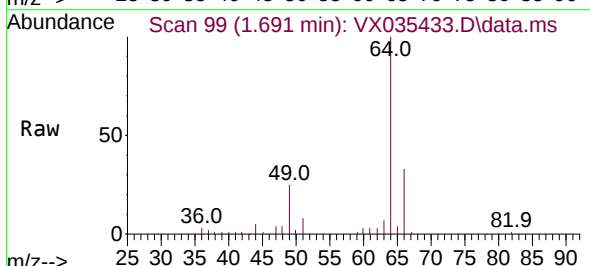
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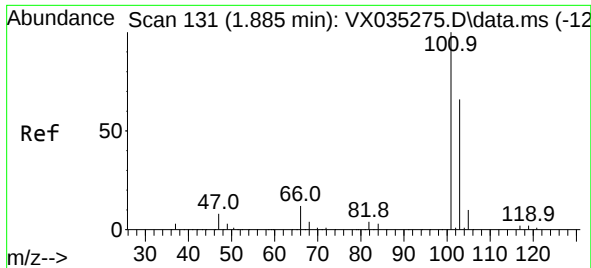
Reviewed By :John Carlone 05/02/2023
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#6
Chloroethane
Concen: 16.494 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

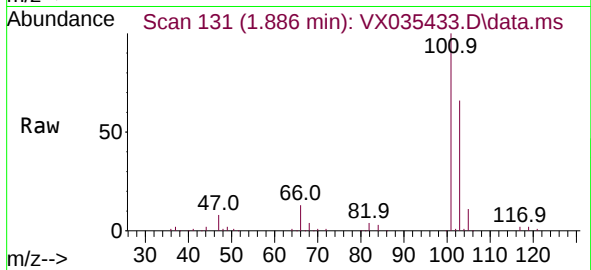
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Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 17.498 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

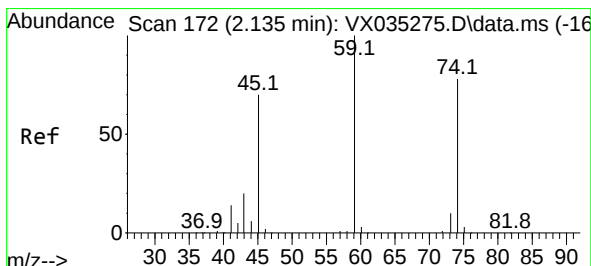
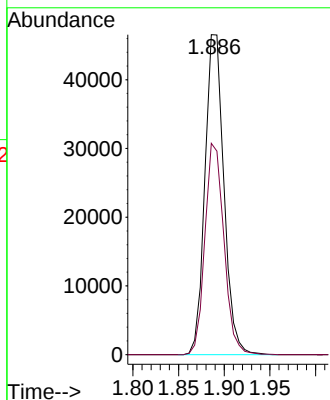
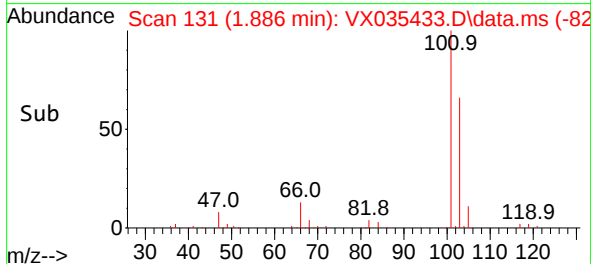
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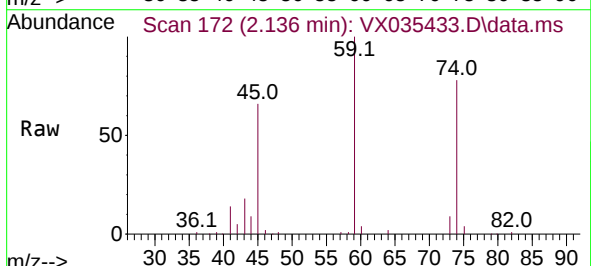
Tgt Ion:101 Resp: 67228
Ion Ratio Lower Upper
101 100
103 66.1 52.0 78.0

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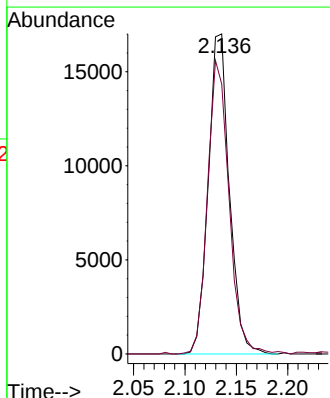
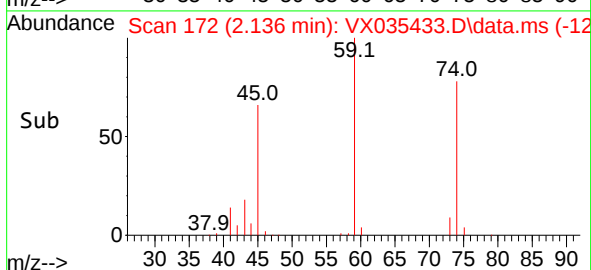
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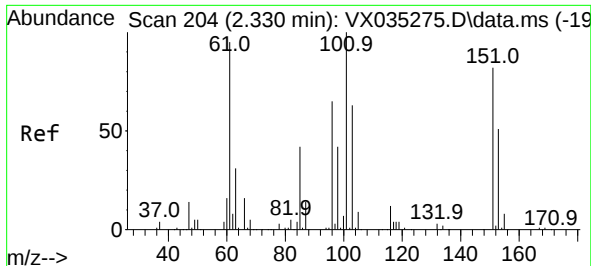


#8
Diethyl Ether
Concen: 17.401 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



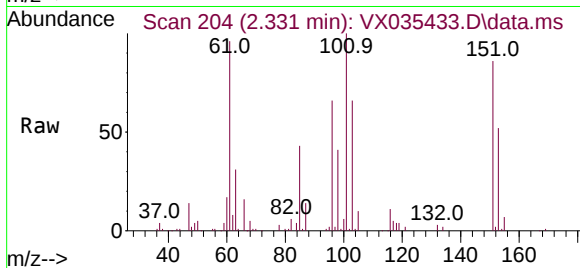
Tgt Ion: 74 Resp: 24377
Ion Ratio Lower Upper
74 100
45 93.3 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.197 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

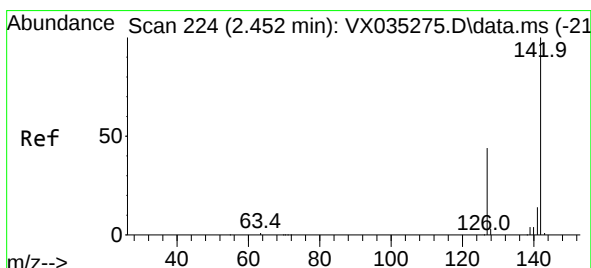
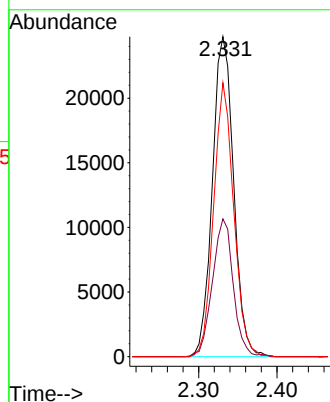
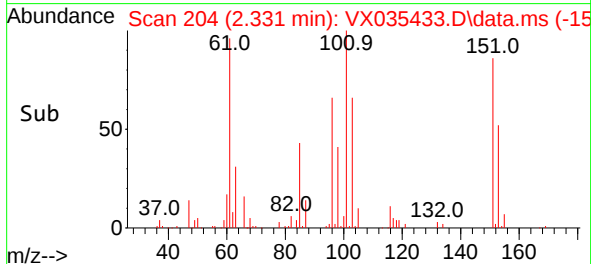
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



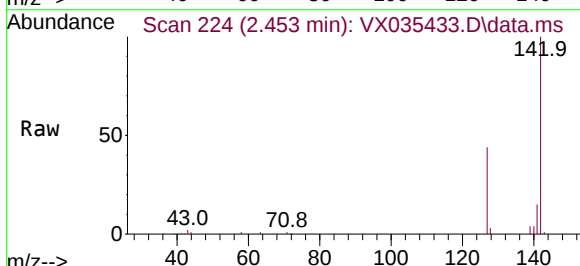
Tgt Ion:101 Resp: 4669
Ion Ratio Lower Upper
101 100
85 42.2 35.4 53.2
151 80.9 60.2 90.4

Manual Integrations
APPROVED

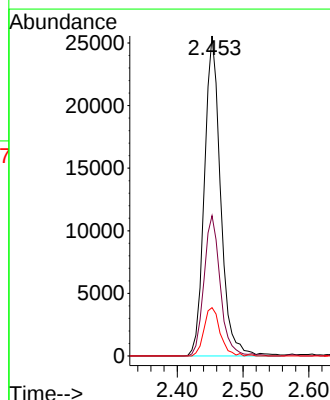
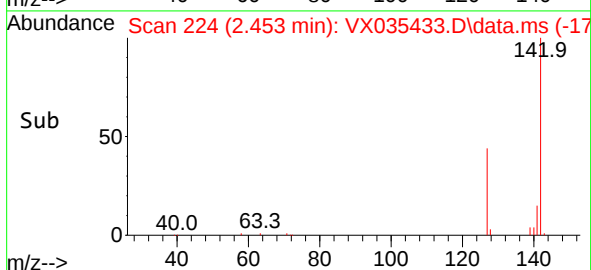
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

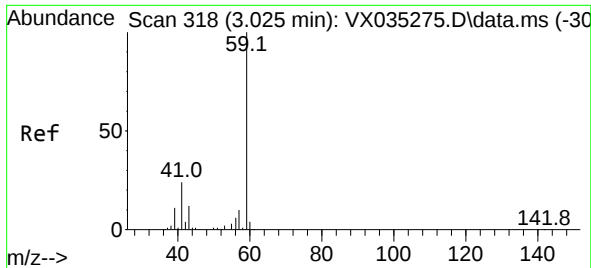


#10
Methyl Iodide
Concen: 13.546 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



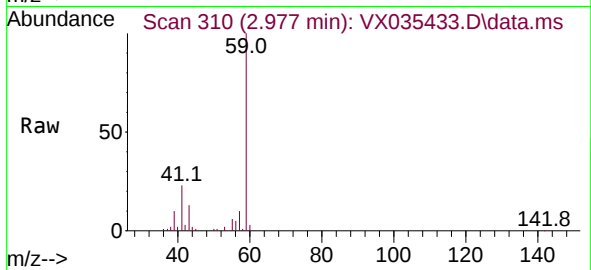
Tgt Ion:142 Resp: 43872
Ion Ratio Lower Upper
142 100
127 43.9 34.0 51.0
141 15.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 95.778 ug/l m
RT: 2.977 min Scan# 318
Delta R.T. -0.048 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

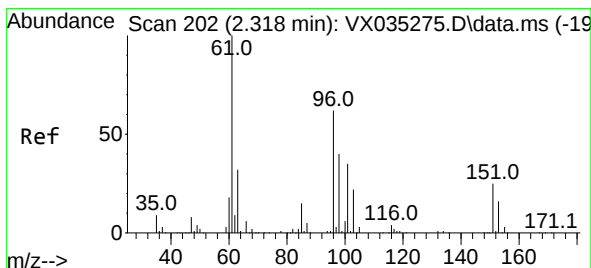
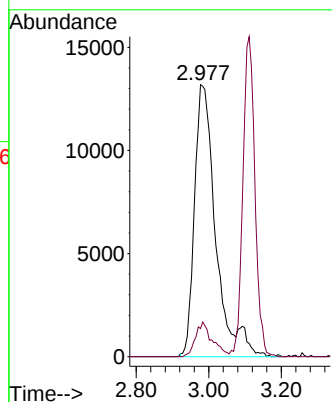
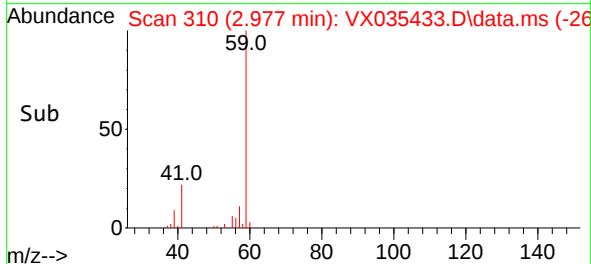
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 59 Resp: 5354
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

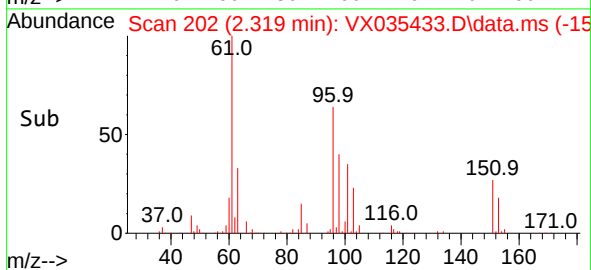
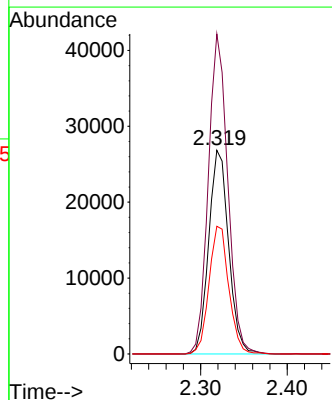
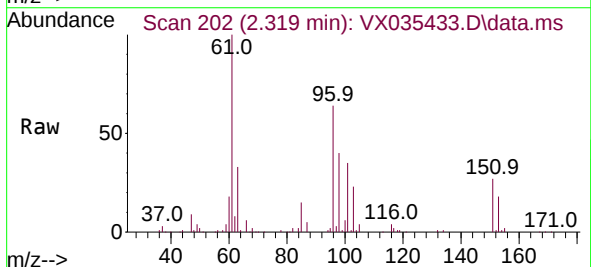
Manual Integrations
APPROVED

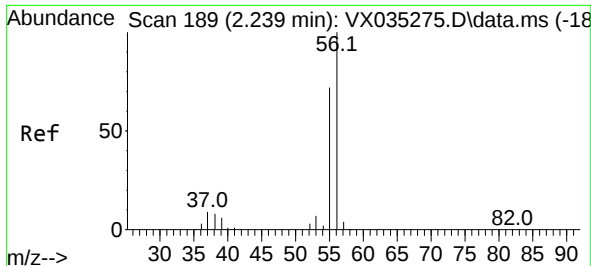
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#12
1,1-Dichloroethene
Concen: 17.324 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

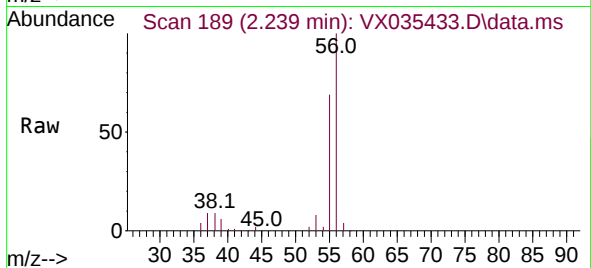
Tgt Ion: 96 Resp: 42821
Ion Ratio Lower Upper
96 100
61 157.2 128.8 193.2
98 62.7 51.4 77.0





#13
Acrolein
Concen: 96.637 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

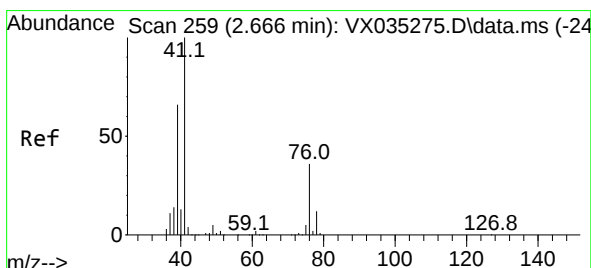
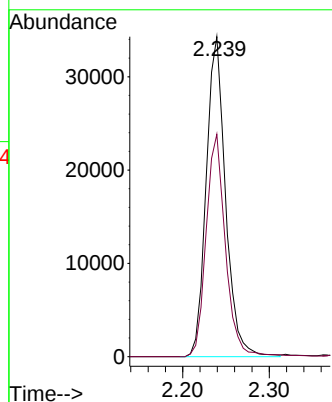
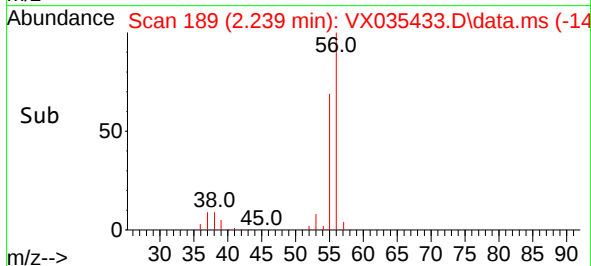
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 56 Resp: 53128
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

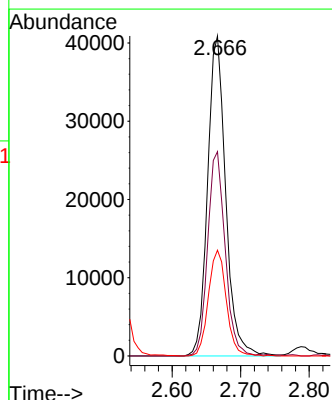
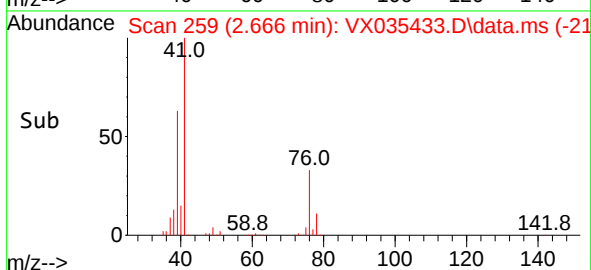
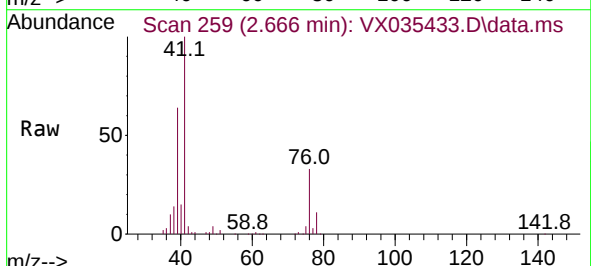
Manual Integrations
APPROVED

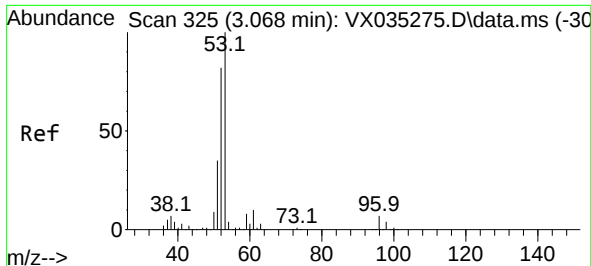
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#14
Allyl chloride
Concen: 17.283 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

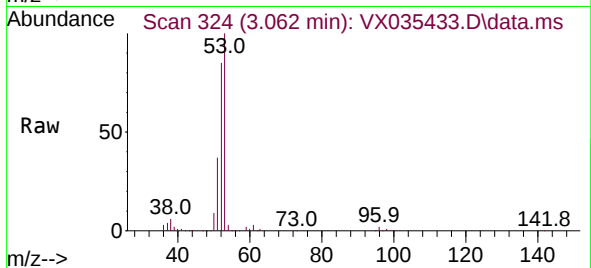
Tgt Ion: 41 Resp: 75177
Ion Ratio Lower Upper
41 100
39 61.8 52.4 78.6
76 32.7 26.0 39.0





#15
Acrylonitrile
Concen: 93.349 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

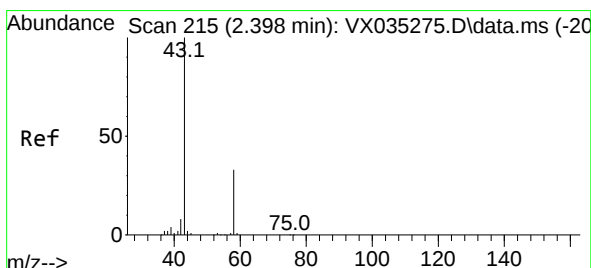
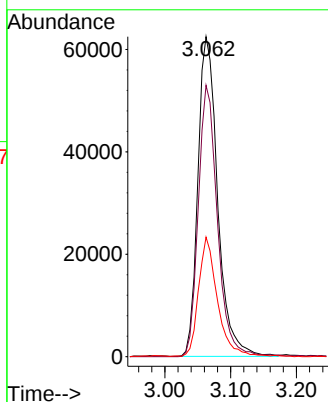
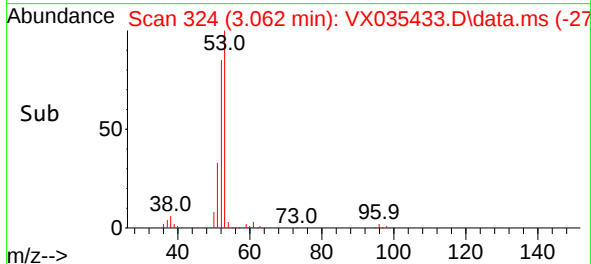
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 53 Resp: 130520
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 35.4 28.3 42.5

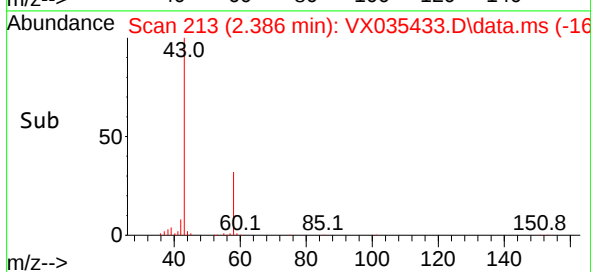
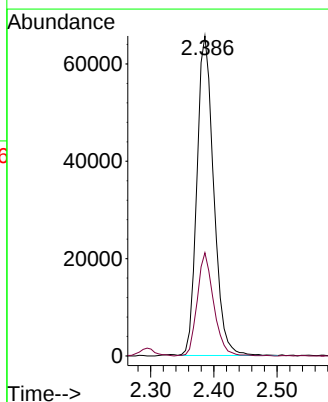
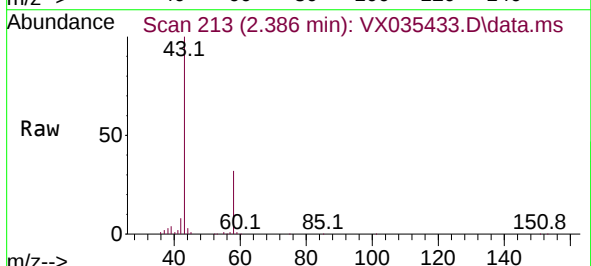
Manual Integrations
APPROVED

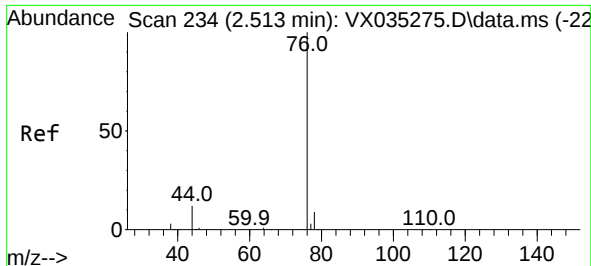
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#16
Acetone
Concen: 91.064 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion: 43 Resp: 121431
Ion Ratio Lower Upper
43 100
58 32.3 24.7 37.1





#17

Carbon Disulfide

Concen: 16.293 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion: 76 Resp: 96539

Ion Ratio Lower Upper

76 100

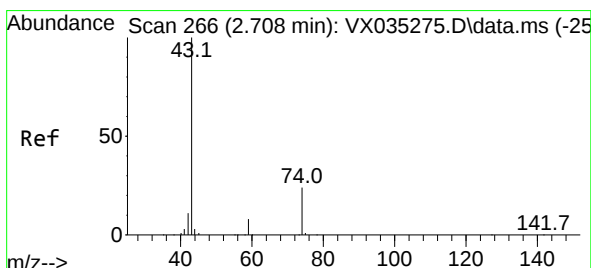
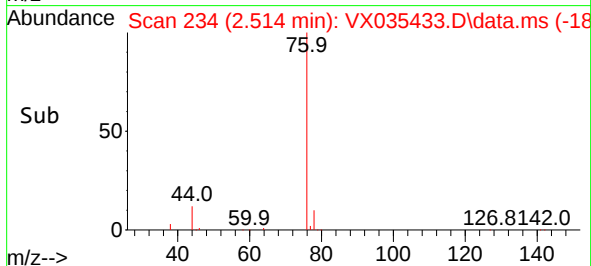
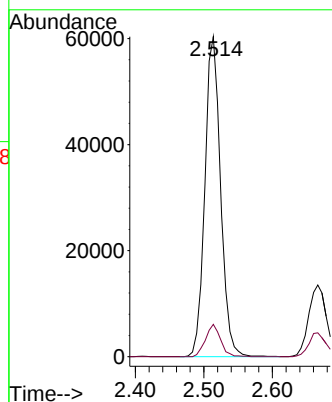
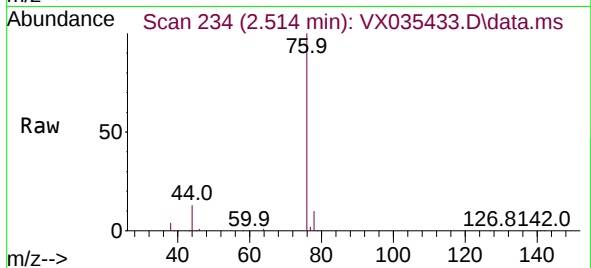
78 10.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#18

Methyl Acetate

Concen: 19.360 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.005 min

Lab File: VX035433.D

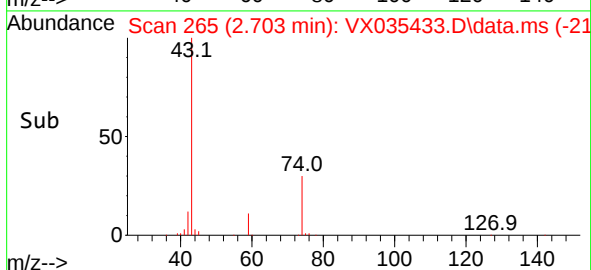
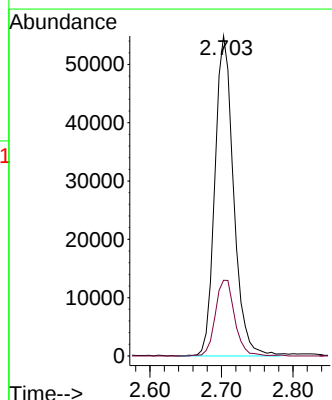
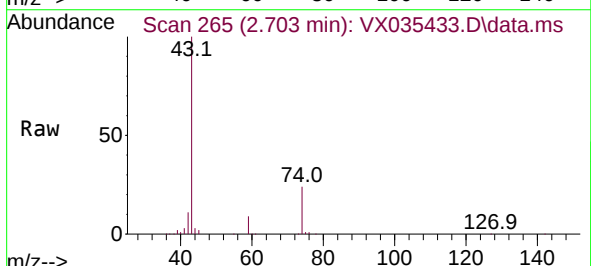
Acq: 01 May 2023 12:23

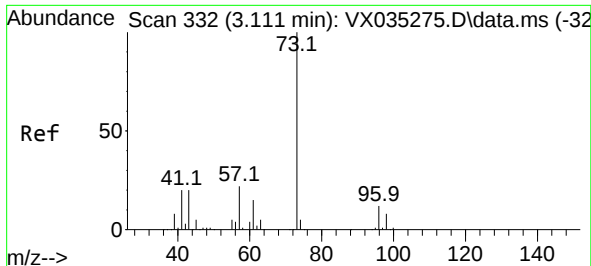
Tgt Ion: 43 Resp: 99828

Ion Ratio Lower Upper

43 100

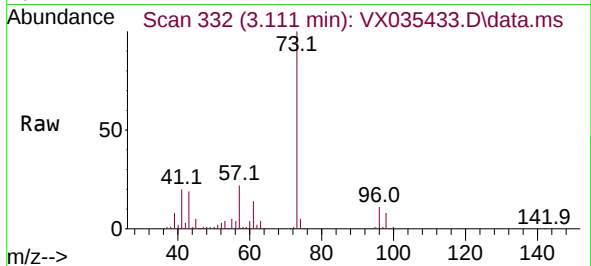
74 24.5 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 19.005 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

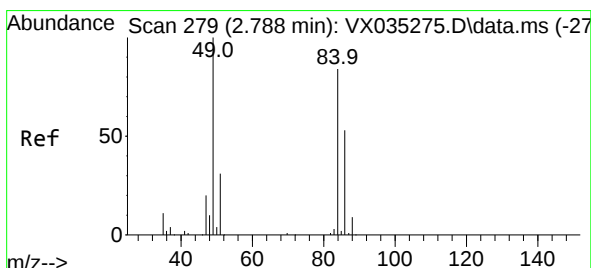
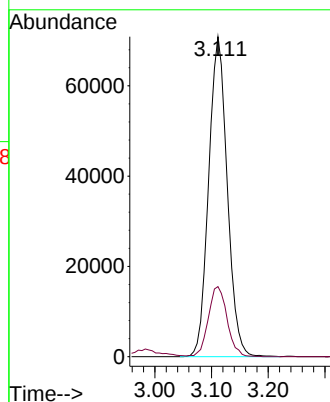
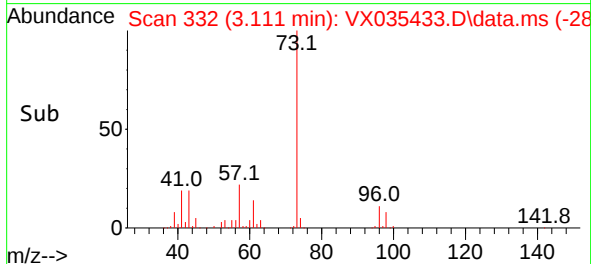
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 73 Resp: 16116
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7

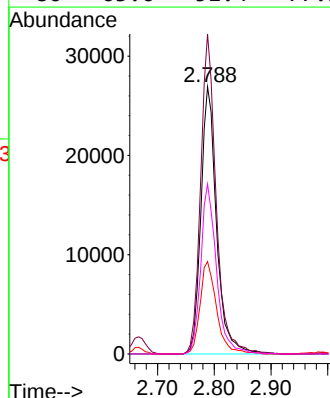
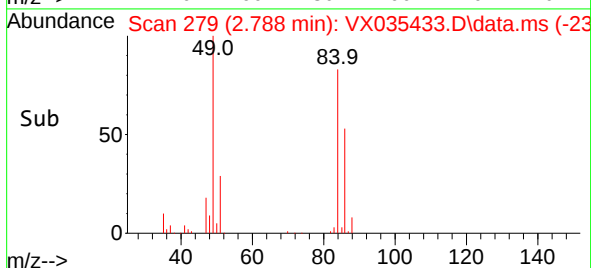
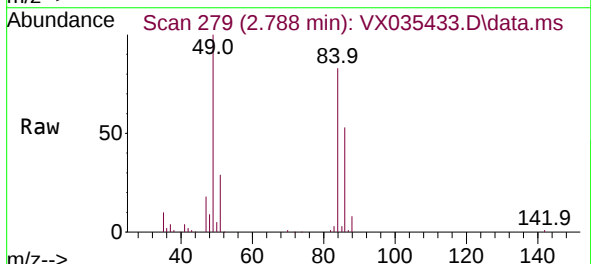
Manual Integrations
APPROVED

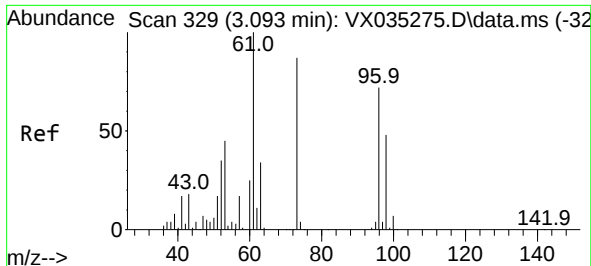
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#20
Methylene Chloride
Concen: 16.906 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

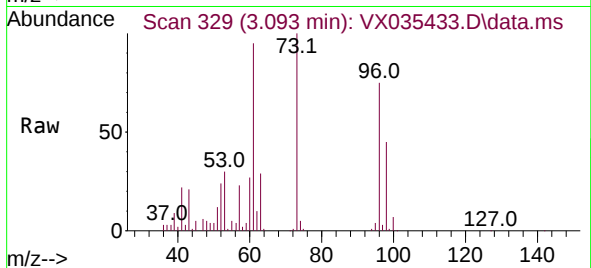
Tgt Ion: 84 Resp: 51691
Ion Ratio Lower Upper
84 100
49 119.8 103.8 155.8
51 34.6 31.8 47.8
86 63.6 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 17.316 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

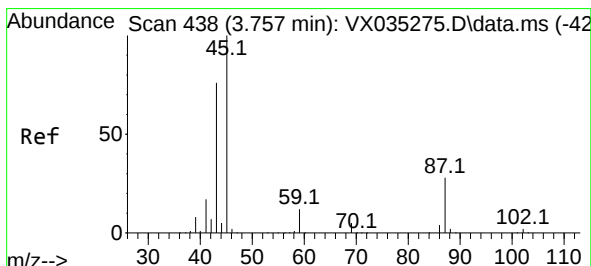
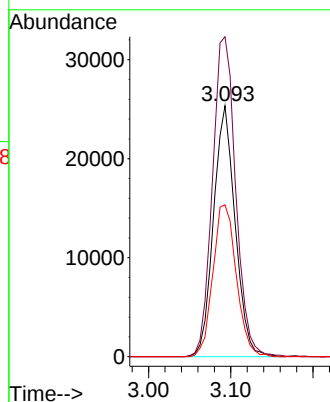
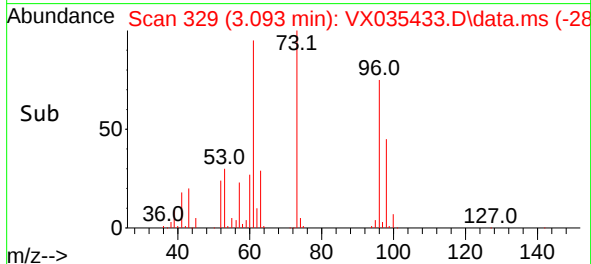
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 96 Resp: 4648
Ion Ratio Lower Upper
96 100
61 127.6 113.0 169.6
98 60.5 52.1 78.1

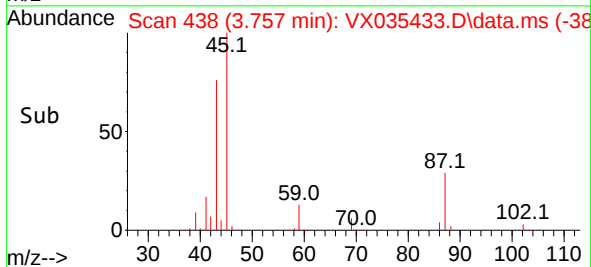
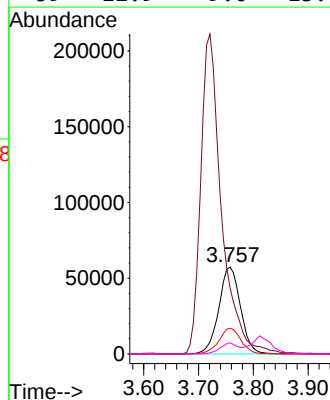
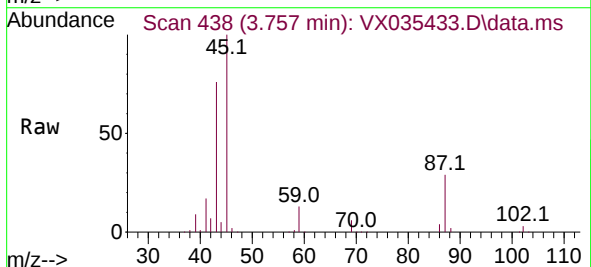
Manual Integrations
APPROVED

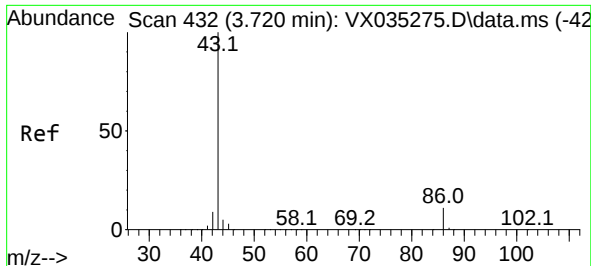
Reviewed By :John Carbone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#22
Diisopropyl ether
Concen: 18.301 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

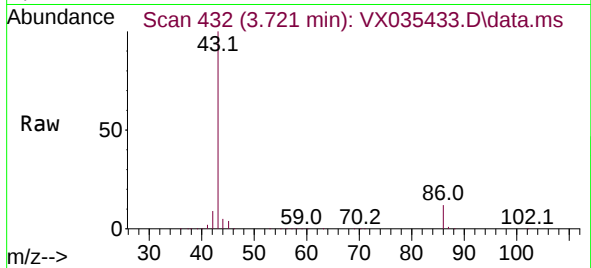
Tgt Ion: 45 Resp: 157530
Ion Ratio Lower Upper
45 100
43 75.9 65.4 98.2
87 29.4 20.6 31.0
59 12.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 94.217 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.001 min
 Lab File: VX035433.D
 Acq: 01 May 2023 12:23

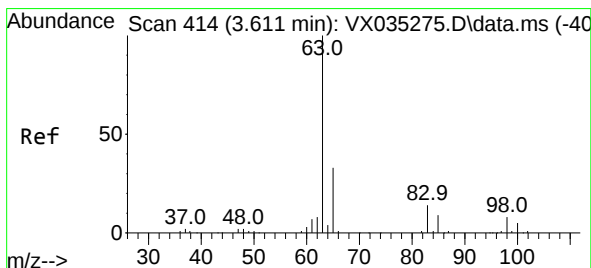
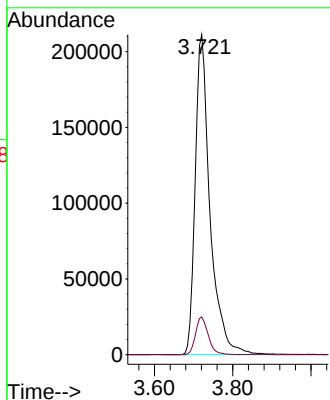
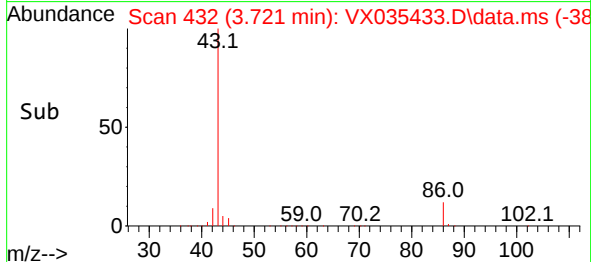
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01



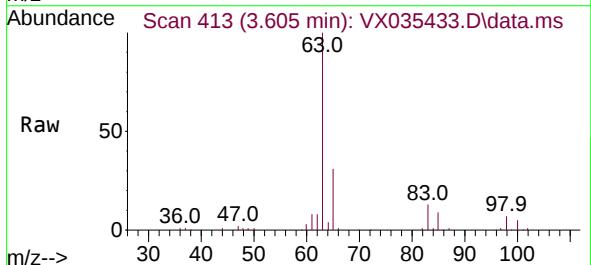
Tgt Ion: 43 Resp: 55744
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.5 12.7

Manual Integrations
 APPROVED

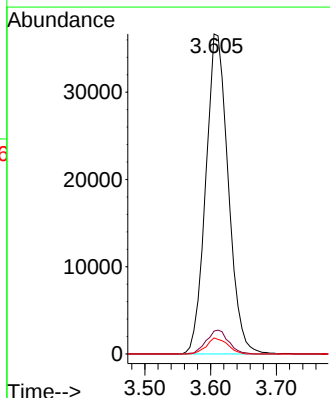
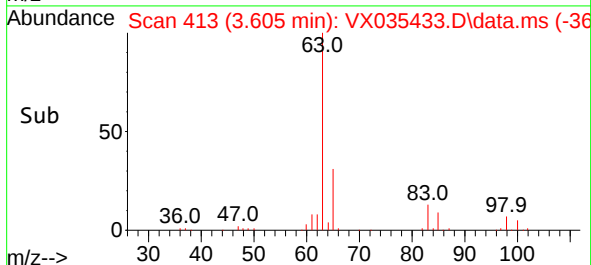
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

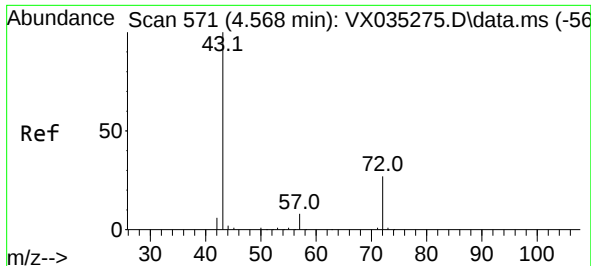


#24
 1,1-Dichloroethane
 Concen: 17.977 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035433.D
 Acq: 01 May 2023 12:23



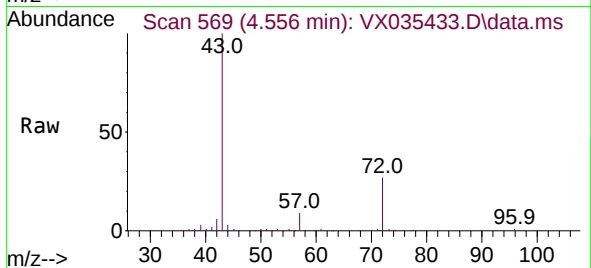
Tgt Ion: 63 Resp: 87158
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 5.0 2.4 7.1





#25
2-Butanone
Concen: 90.776 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

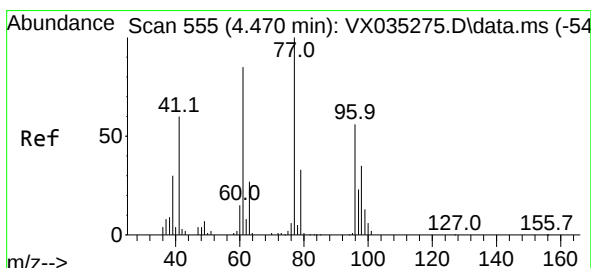
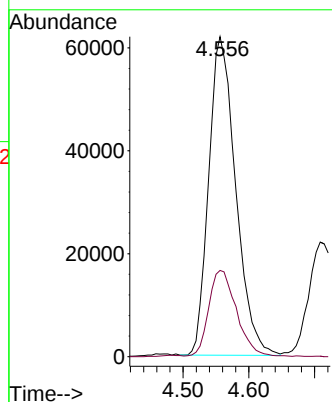
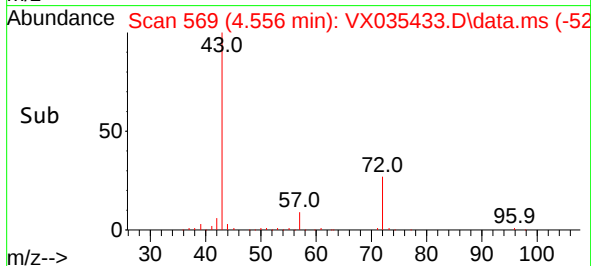
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 43 Resp: 176680
Ion Ratio Lower Upper
43 100
72 26.8 19.3 28.9

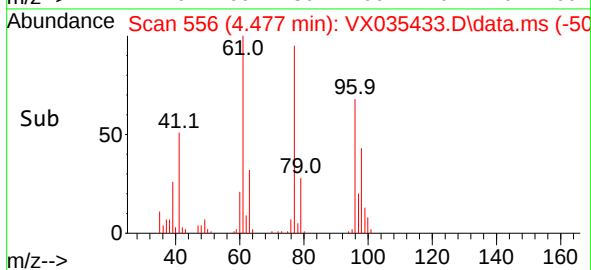
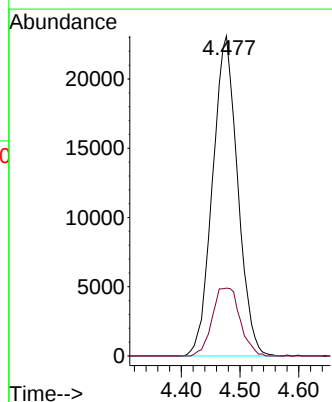
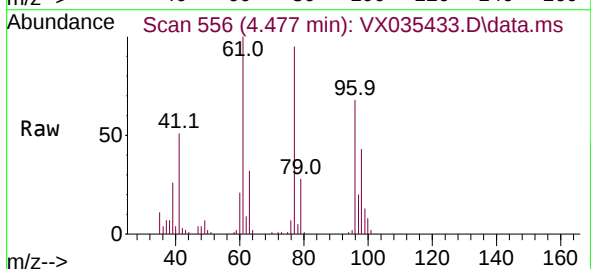
Manual Integrations
APPROVED

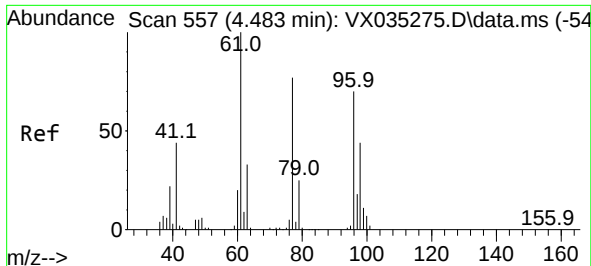
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#26
2,2-Dichloropropane
Concen: 18.064 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion: 77 Resp: 68614
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.230 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion: 96 Resp: 5752

Ion Ratio Lower Upper

96 100

61 135.9 0.0 300.4

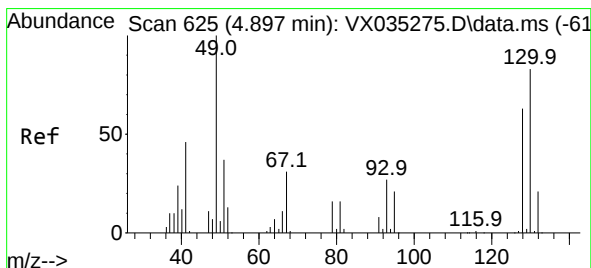
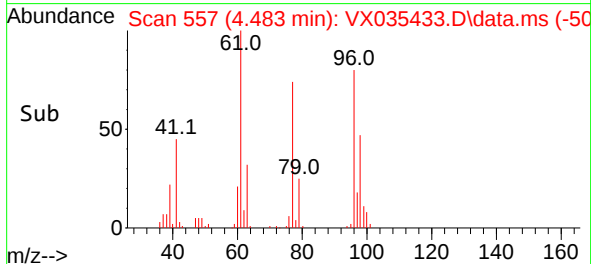
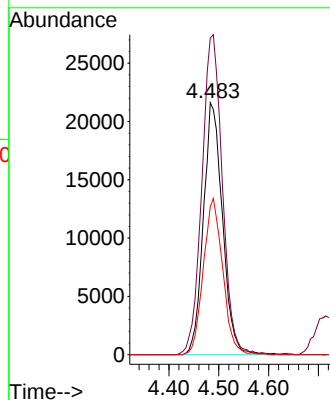
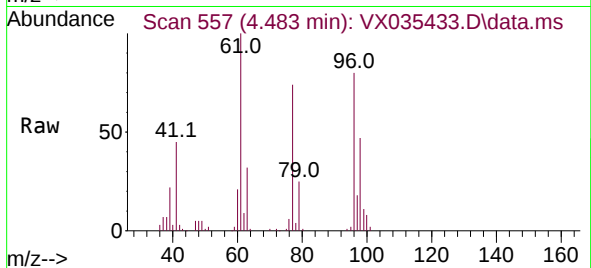
98 62.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#28

Bromochloromethane

Concen: 19.197 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

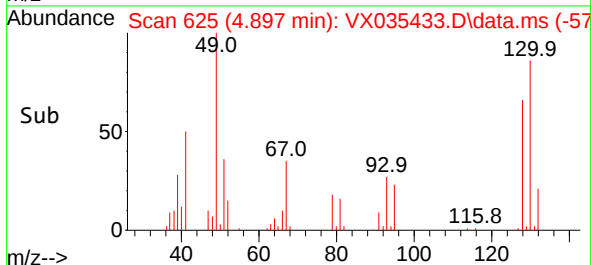
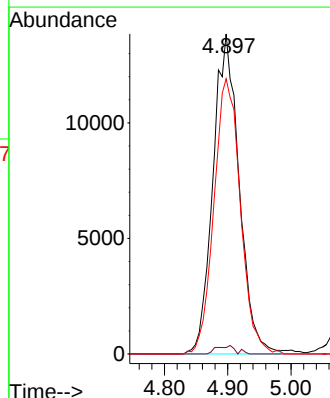
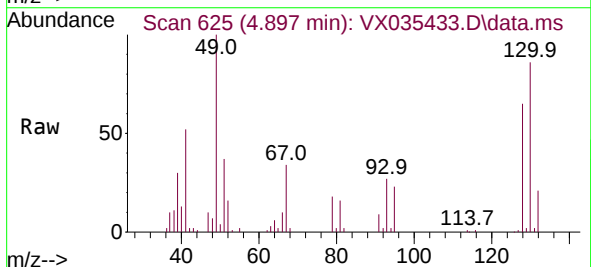
Tgt Ion: 49 Resp: 39665

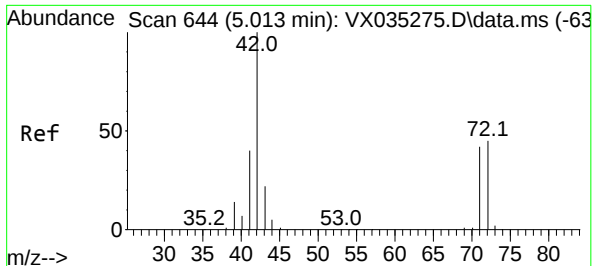
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 87.0 58.2 87.2





#29

Tetrahydrofuran

Concen: 91.521 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035433.D

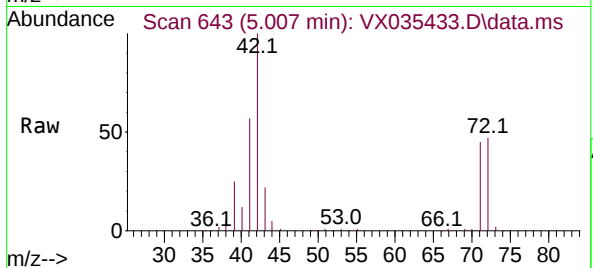
Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01



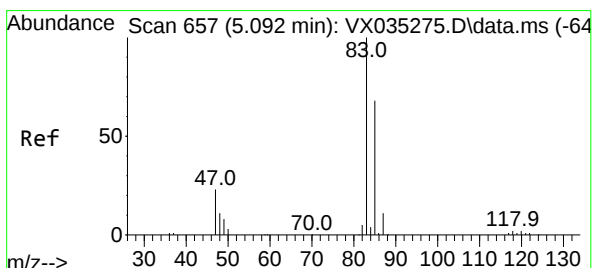
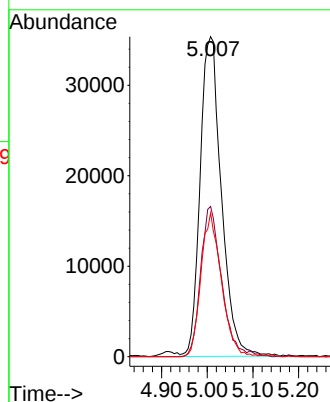
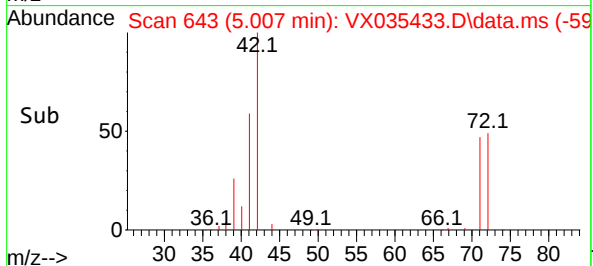
Tgt Ion:	42	Resp:	114190
Ion Ratio	100	Lower	Upper
42	100		
72	46.2	34.5	51.7
71	43.2	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

Chloroform

Concen: 18.643 ug/l

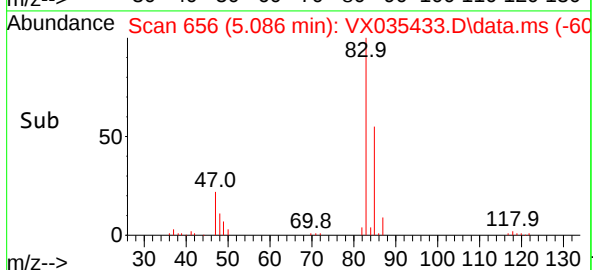
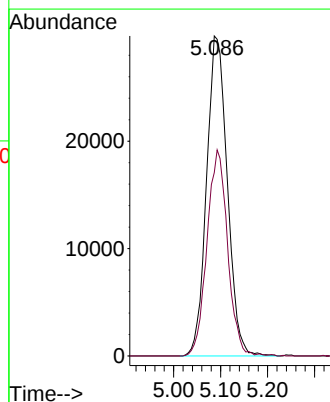
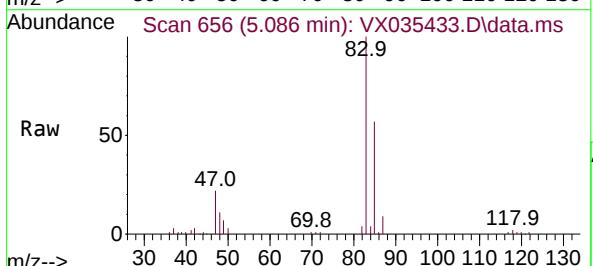
RT: 5.086 min Scan# 656

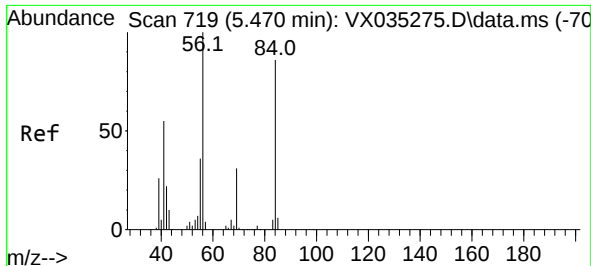
Delta R.T. -0.006 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

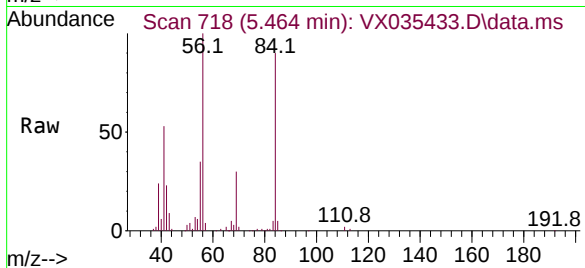
Tgt Ion:	83	Resp:	91247
Ion Ratio	100	Lower	Upper
83	100		
85	57.3	50.6	76.0





#31
Cyclohexane
Concen: 17.588 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

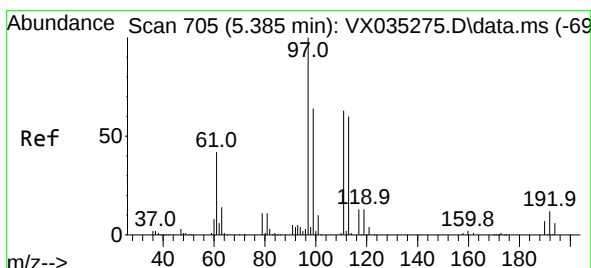
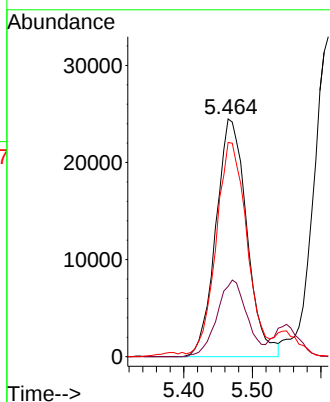
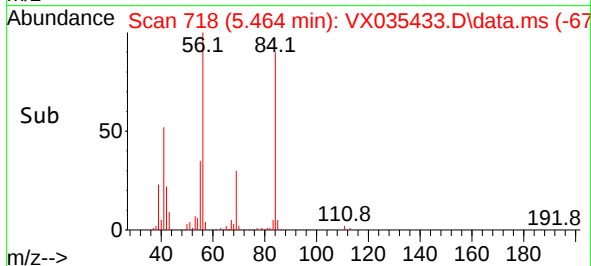
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 56 Resp: 76602
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 88.9 68.5 102.7

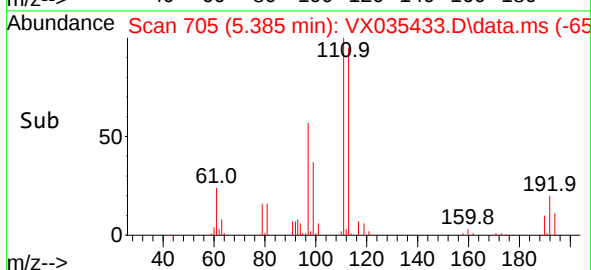
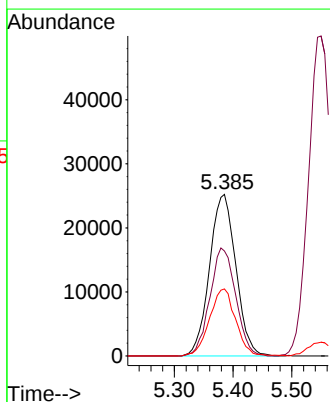
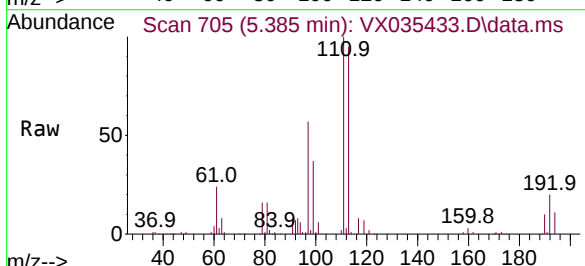
Manual Integrations
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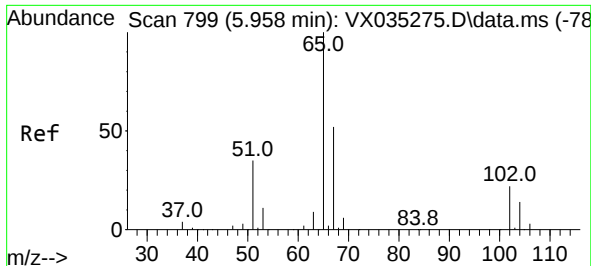
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#32
1,1,1-Trichloroethane
Concen: 18.304 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion: 97 Resp: 78516
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 41.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.456 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion: 65 Resp: 15184

Ion Ratio Lower Upper

65 100

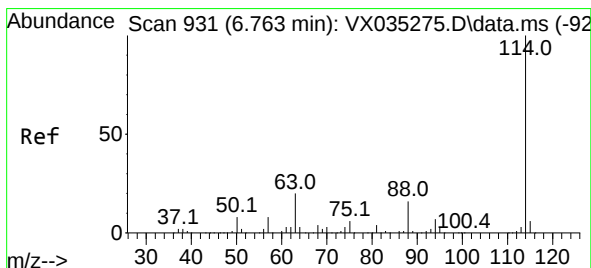
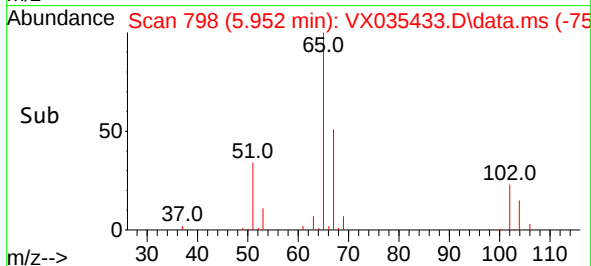
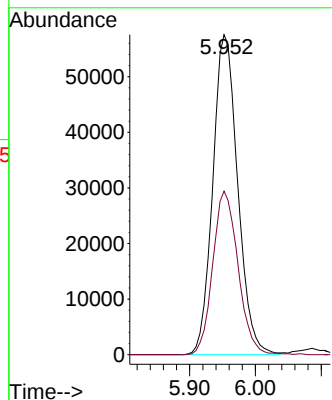
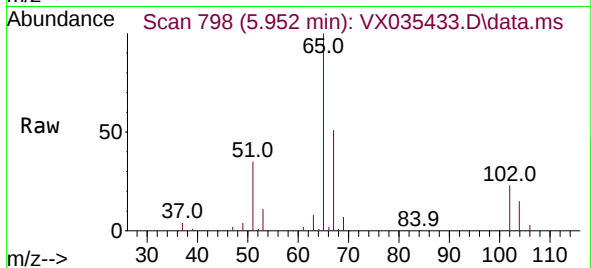
67 51.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

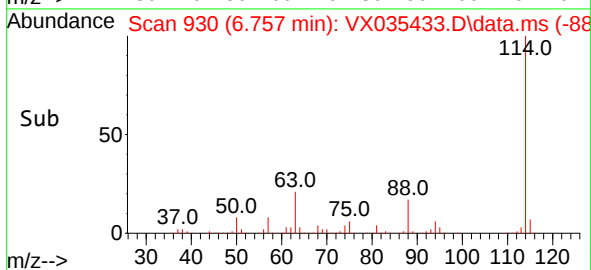
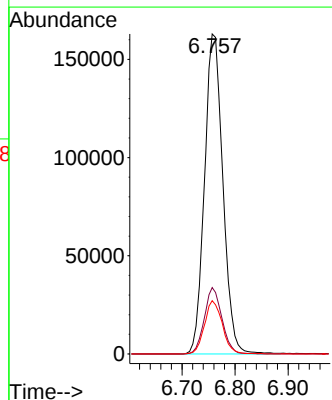
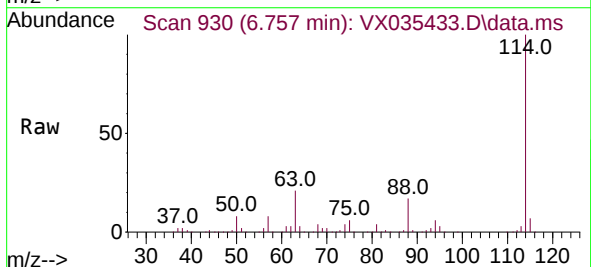
Tgt Ion:114 Resp: 392696

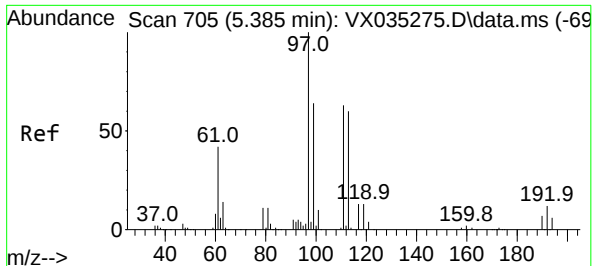
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

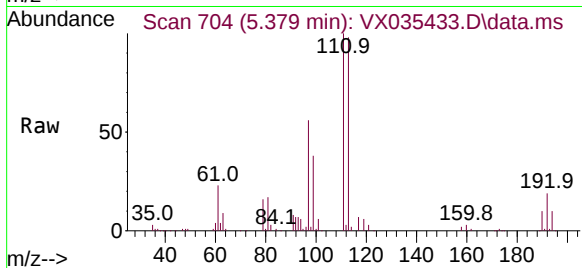
88 16.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.823 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

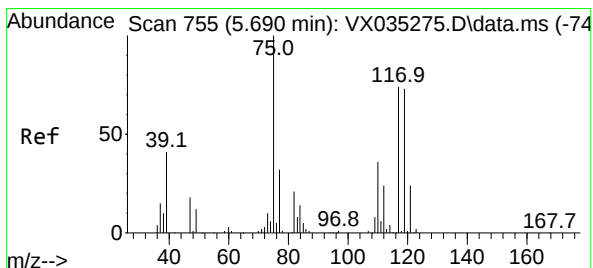
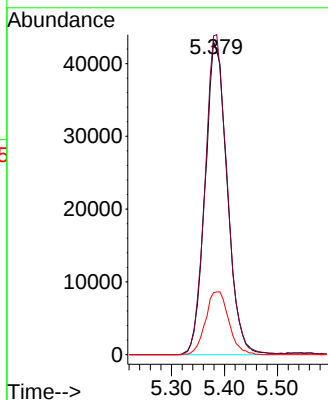
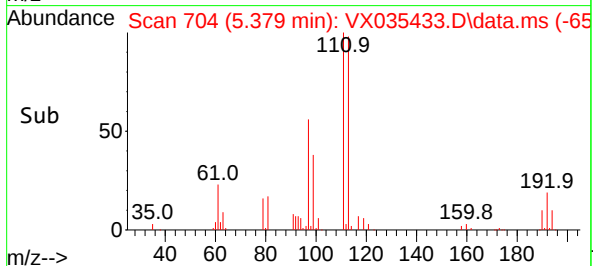
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 113 Resp: 12490
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 21.1 15.4 23.2

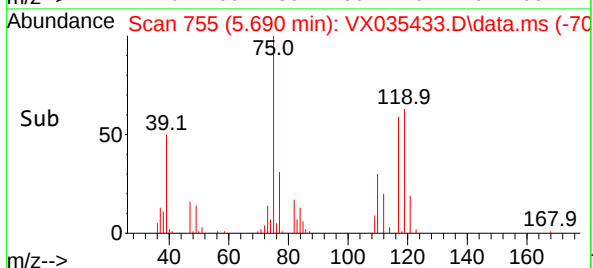
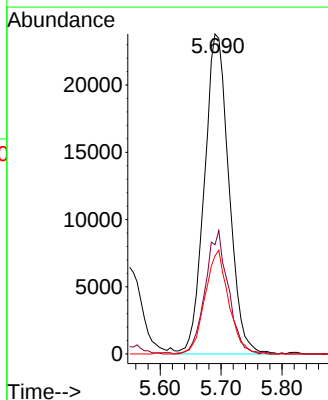
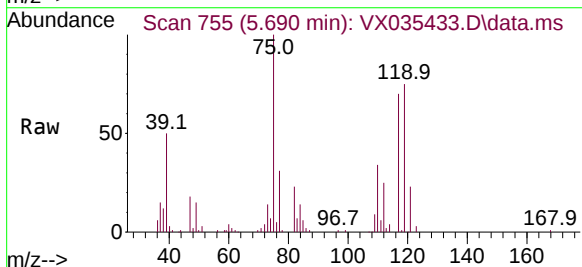
Manual Integrations
APPROVED

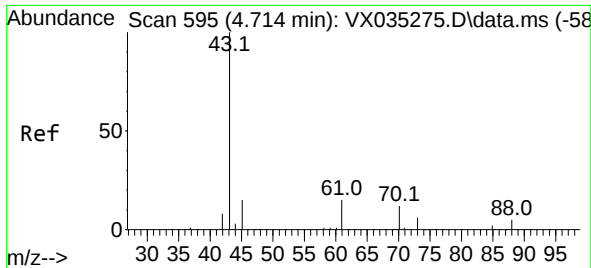
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#36
1,1-Dichloropropene
Concen: 17.700 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

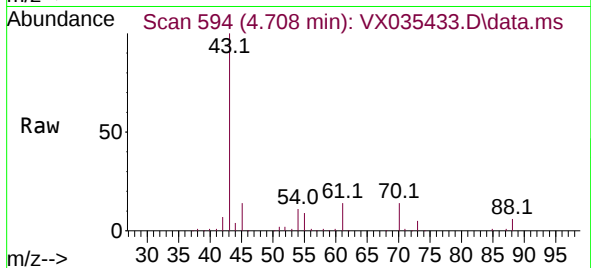
Tgt Ion: 75 Resp: 66613
Ion Ratio Lower Upper
75 100
110 35.9 17.5 52.5
77 31.2 24.3 36.5





#37
Ethyl Acetate
Concen: 19.630 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

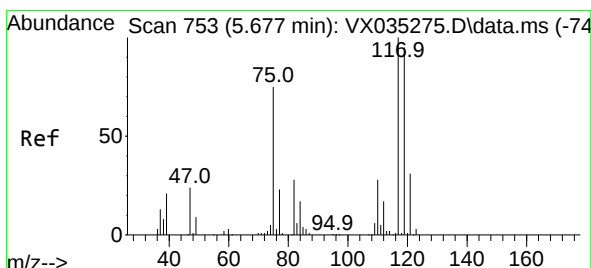
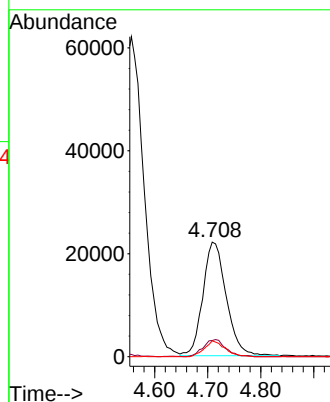
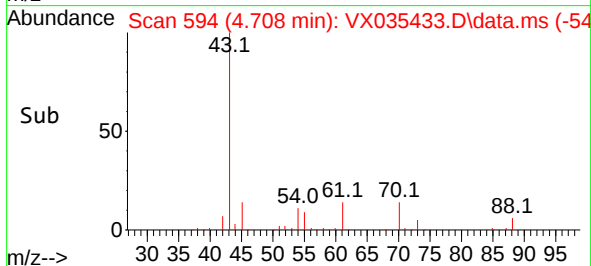
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 43 Resp: 67475
Ion Ratio Lower Upper
43 100
61 14.5 10.2 15.4
70 12.2 8.2 12.4

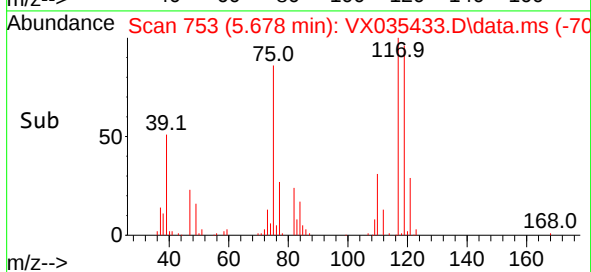
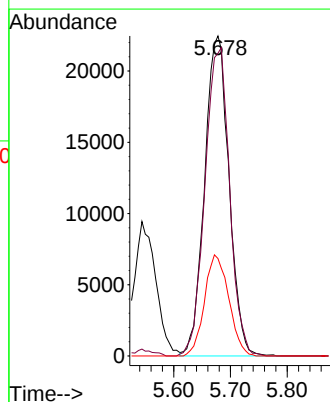
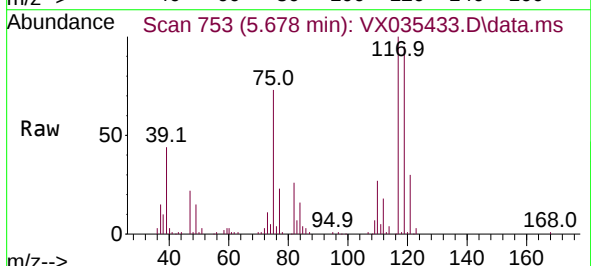
Manual Integrations
APPROVED

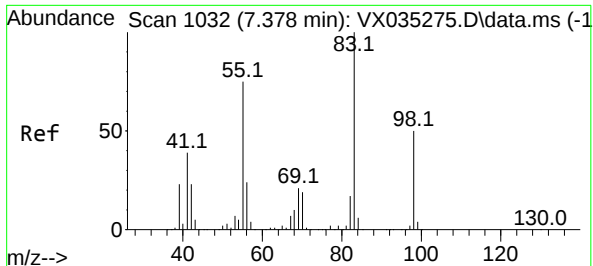
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#38
Carbon Tetrachloride
Concen: 18.811 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion:117 Resp: 67207
Ion Ratio Lower Upper
117 100
119 94.6 76.6 114.8
121 30.4 23.8 35.6





#39

Methylcyclohexane

Concen: 17.532 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

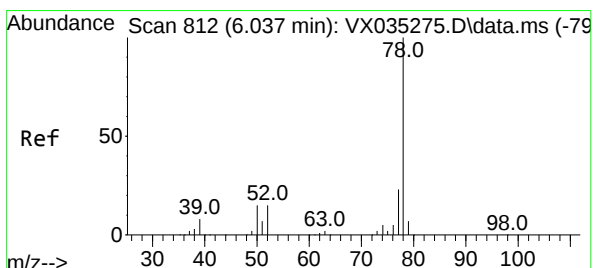
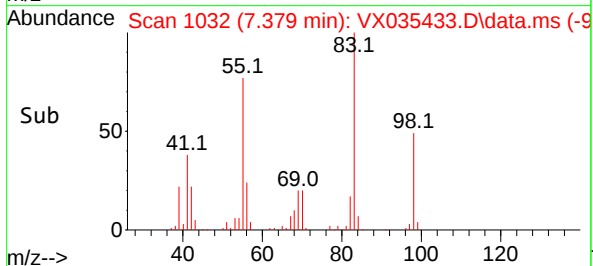
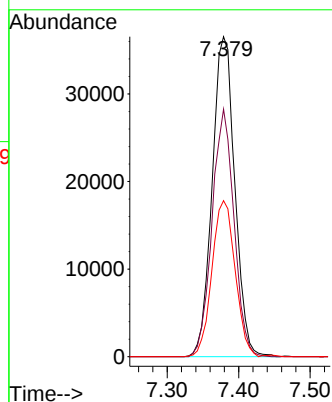
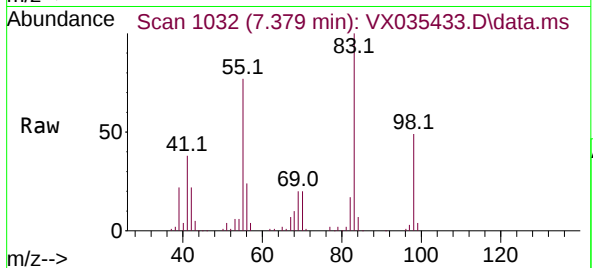
Tgt Ion: 83	Resp: 8031
Ion Ratio	Lower Upper
83	100
55	77.4 60.5 90.7
98	48.8 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#40

Benzene

Concen: 18.096 ug/l

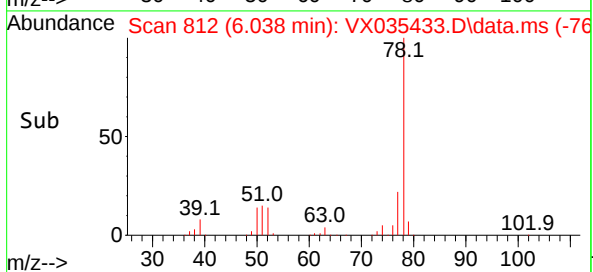
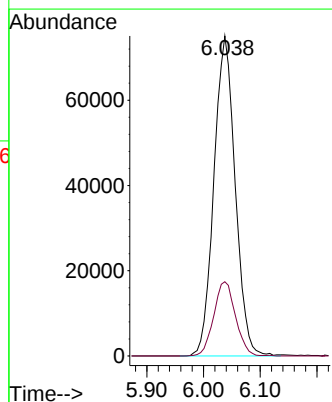
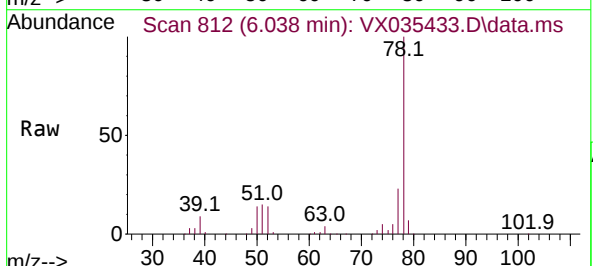
RT: 6.038 min Scan# 812

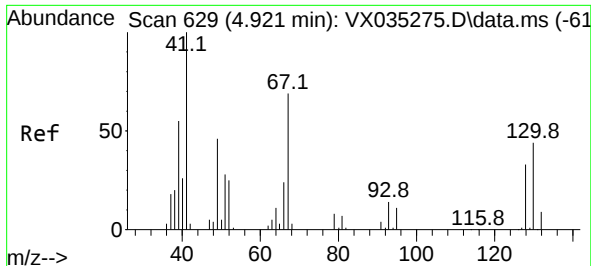
Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Tgt Ion: 78	Resp: 195364
Ion Ratio	Lower Upper
78	100
77	23.2 19.0 28.4





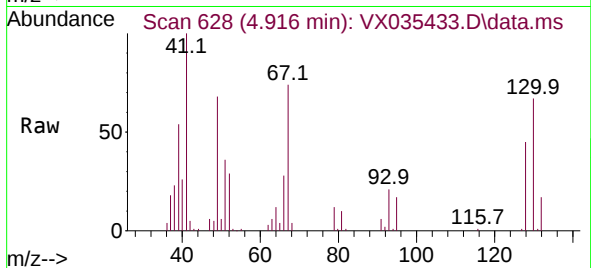
#41
Methacrylonitrile
Concen: 19.498 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01



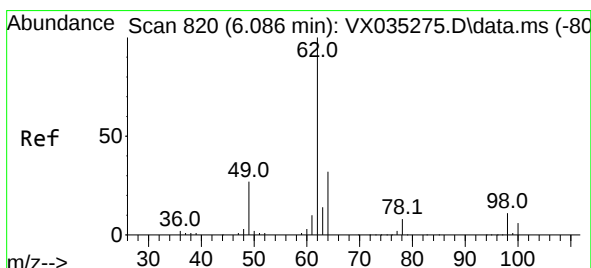
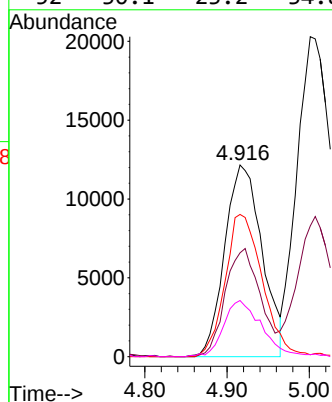
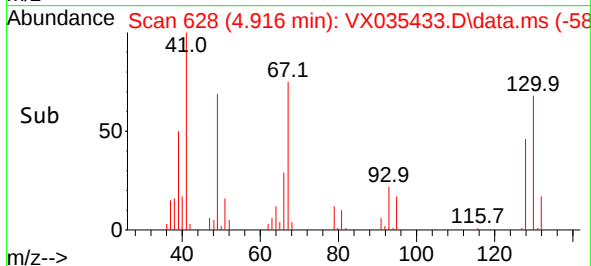
Tgt Ion: 41 Resp: 3840
Ion Ratio Lower Upper
41 100
39 52.4 45.0 67.6
67 74.0 55.6 83.4
52 30.1 23.2 34.8

Manual Integrations

APPROVED

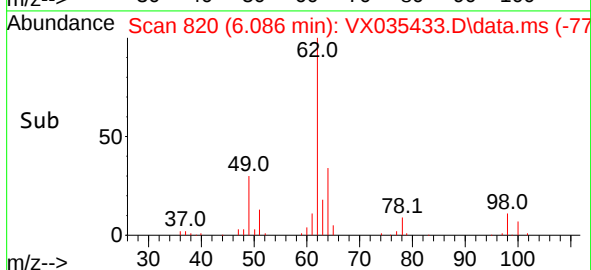
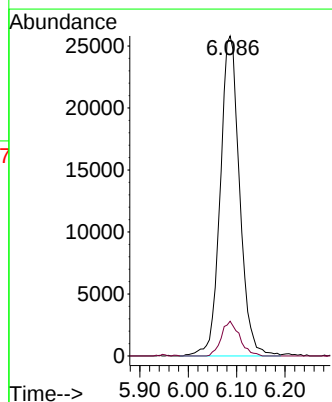
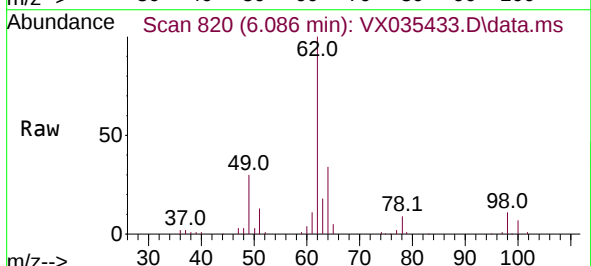
Reviewed By :John Carlone 05/02/2023

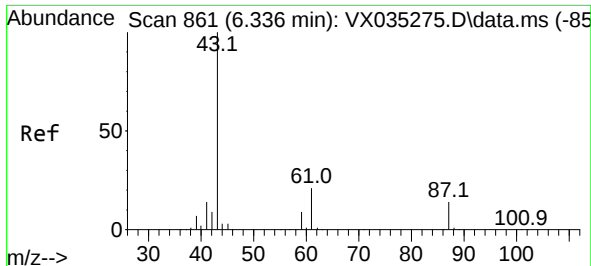
Supervised By :Mahesh Dadoda 05/03/2023



#42
1,2-Dichloroethane
Concen: 18.632 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion: 62 Resp: 71720
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.0





#43

Isopropyl Acetate

Concen: 19.103 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX035433.D

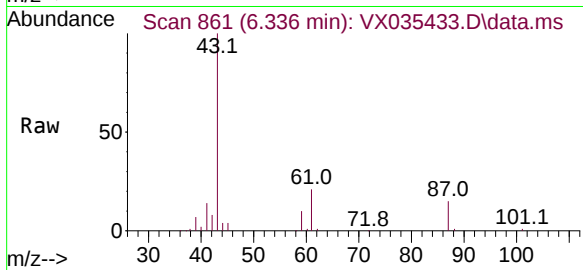
Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01



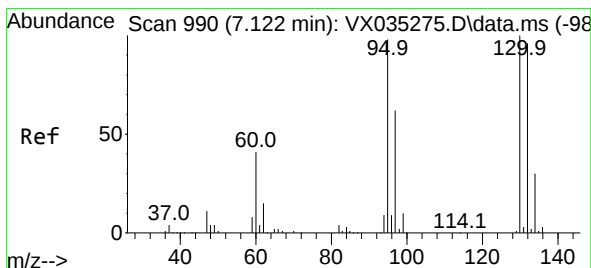
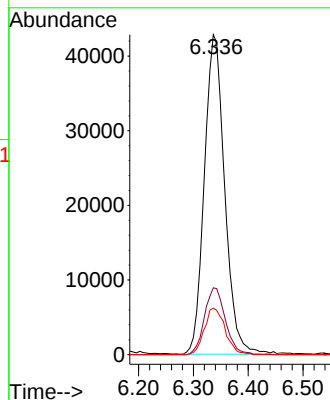
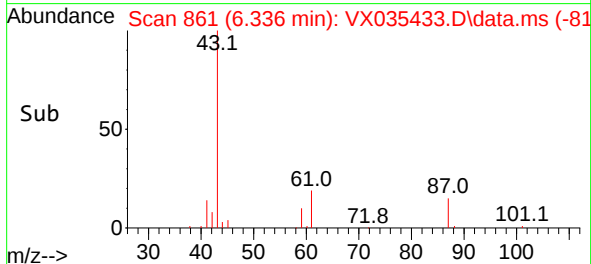
Tgt Ion:	43	Resp:	11033
Ion Ratio	100	Lower	Upper
43	100		
61	21.5	15.2	22.8
87	14.8	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#44

Trichloroethene

Concen: 18.631 ug/l

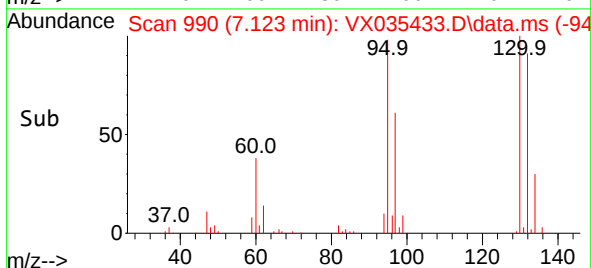
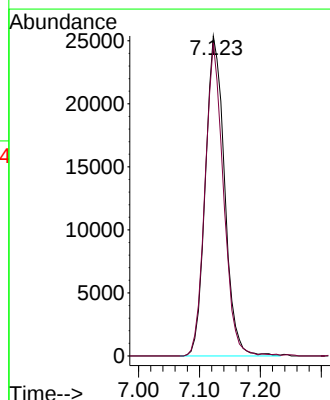
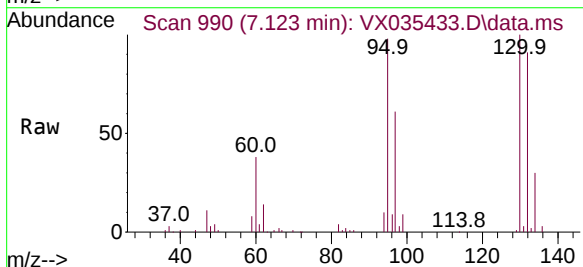
RT: 7.123 min Scan# 990

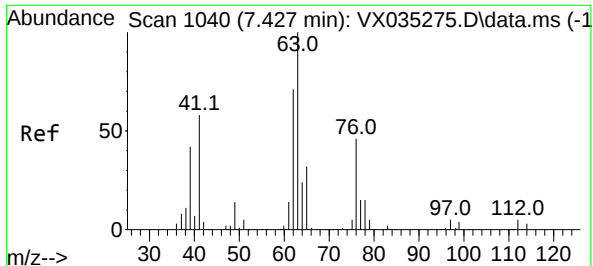
Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Tgt Ion:	130	Resp:	55411
Ion Ratio	100	Lower	Upper
130	100		
95	97.9	0.0	198.4





#45

1,2-Dichloropropane

Concen: 18.971 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion: 63 Resp: 5163

Ion Ratio Lower Upper

63 100

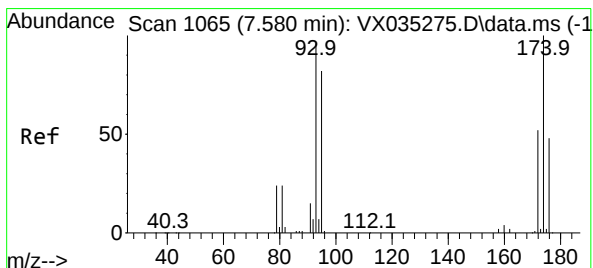
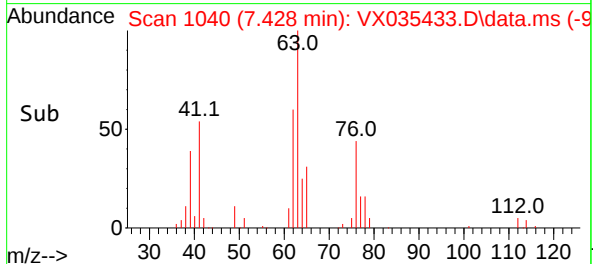
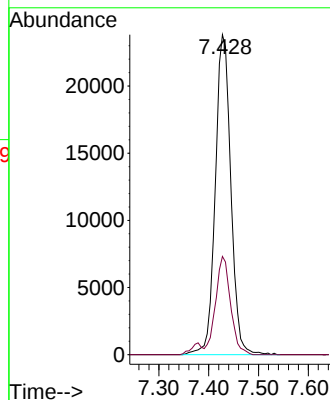
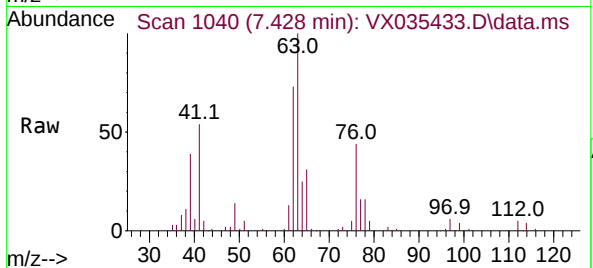
65 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#46

Dibromomethane

Concen: 18.887 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

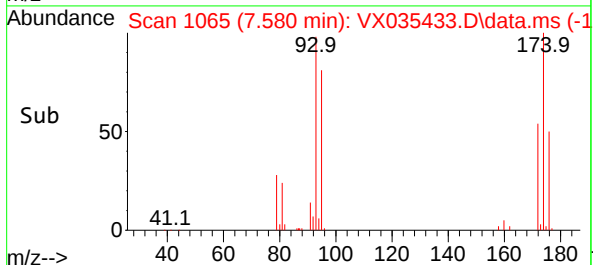
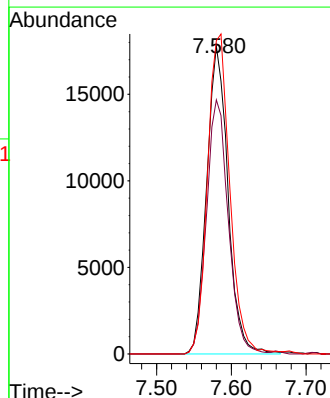
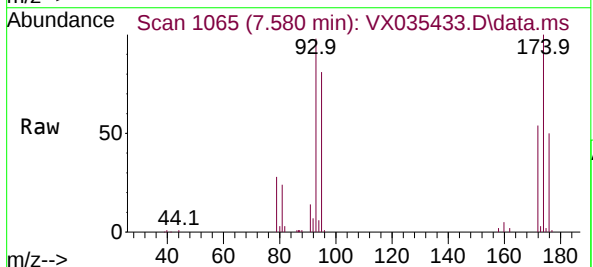
Tgt Ion: 93 Resp: 35303

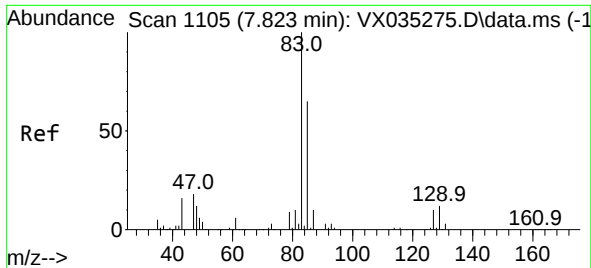
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

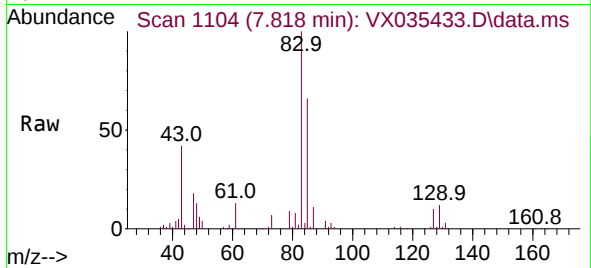
174 108.9 75.4 113.0





#47
Bromodichloromethane
Concen: 19.098 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

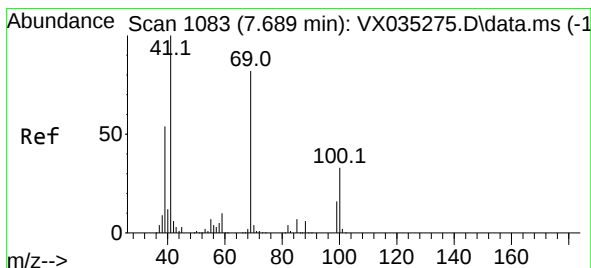
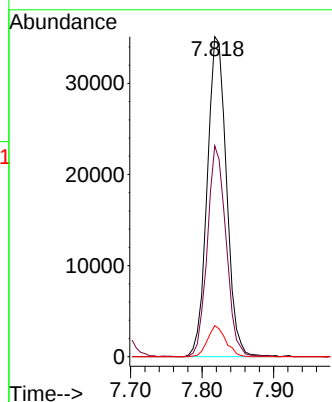
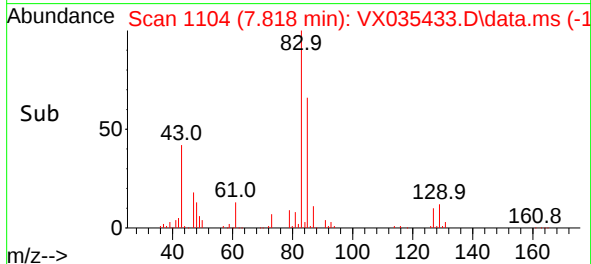
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 83 Resp: 65770
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.4
127 9.7 6.6 9.8

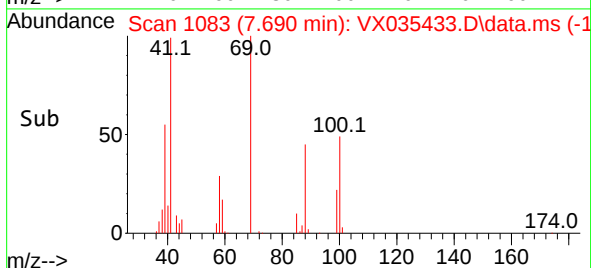
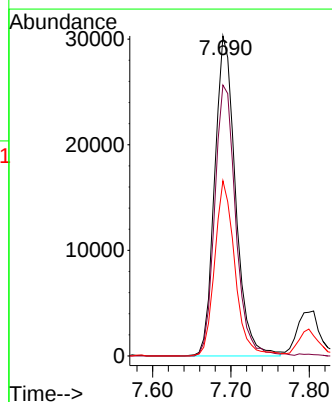
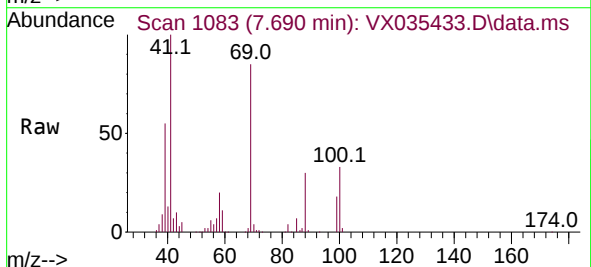
Manual Integrations
APPROVED

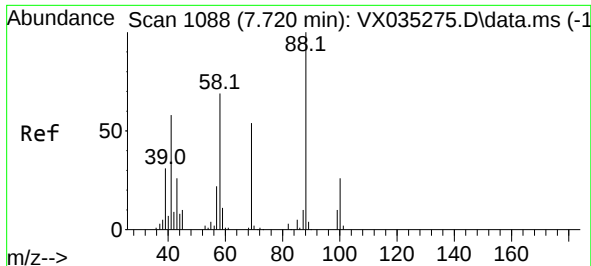
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#48
Methyl methacrylate
Concen: 19.821 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion: 41 Resp: 56157
Ion Ratio Lower Upper
41 100
69 84.9 62.2 93.4
39 53.1 47.7 71.5





#49

1,4-Dioxane

Concen: 370.433 ug/l

RT: 7.690 min Scan# 1088

Delta R.T. -0.030 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

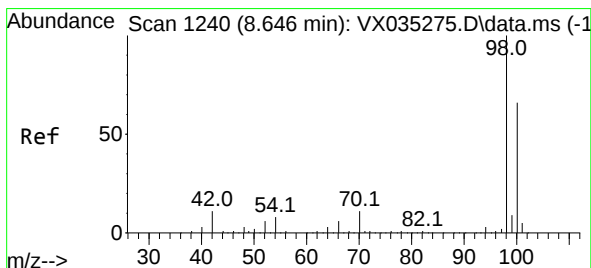
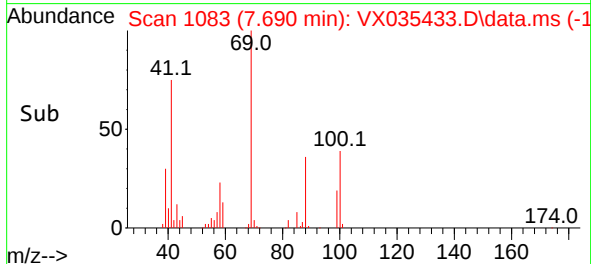
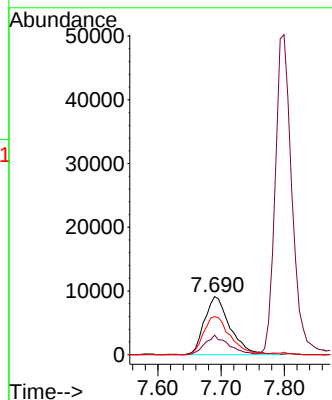
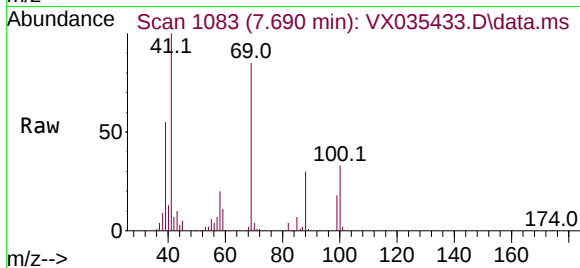
Tgt Ion: 88	Resp: 2558
Ion Ratio	Lower Upper
88 100	
43 31.0	27.7 41.5
58 68.0	56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#50

Toluene-d8

Concen: 50.773 ug/l

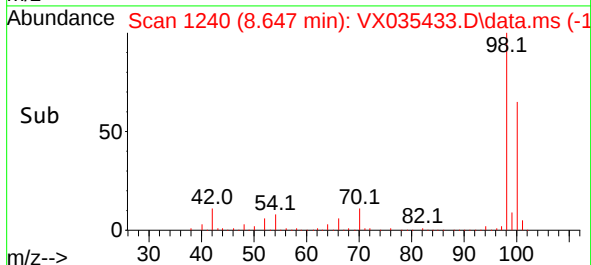
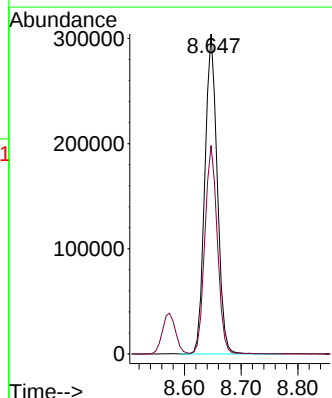
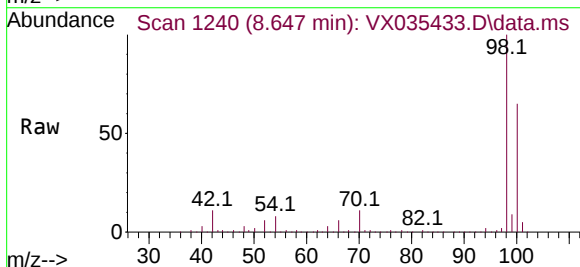
RT: 8.647 min Scan# 1240

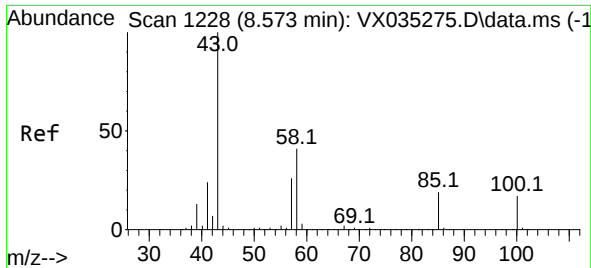
Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

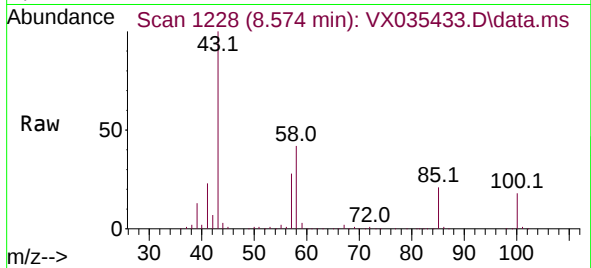
Tgt Ion: 98	Resp: 461644
Ion Ratio	Lower Upper
98 100	
100 65.7	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 98.621 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

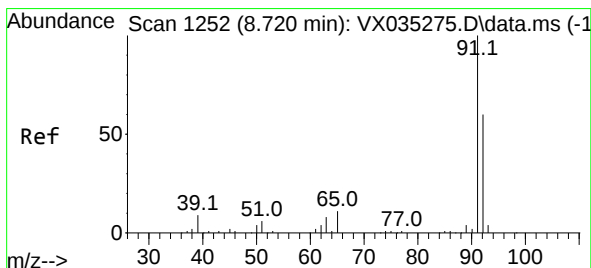
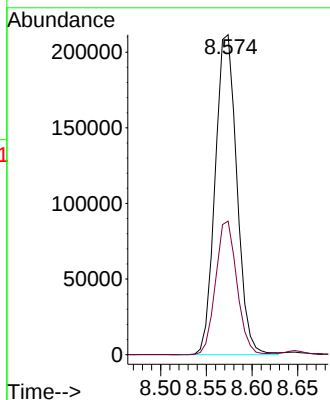
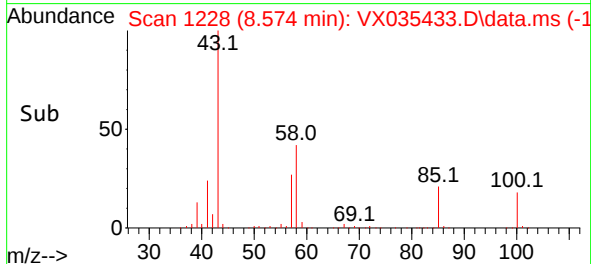
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 43 Resp: 349949
Ion Ratio Lower Upper
43 100
58 40.9 30.6 46.0

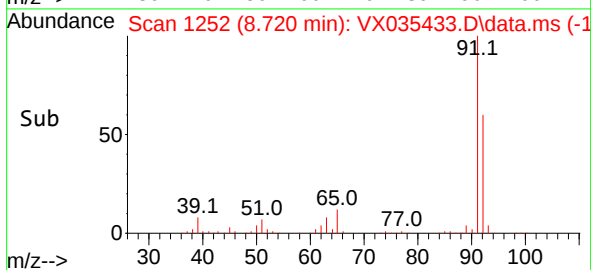
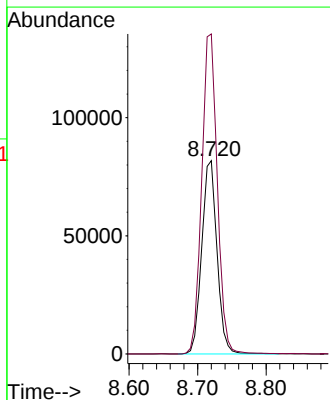
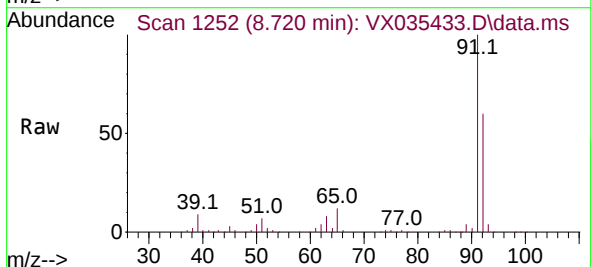
Manual Integrations
APPROVED

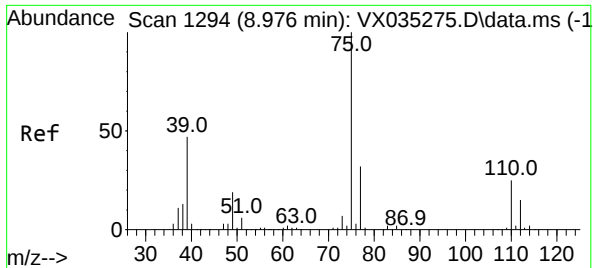
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#52
Toluene
Concen: 18.582 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion: 92 Resp: 127163
Ion Ratio Lower Upper
92 100
91 168.8 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 19.890 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion: 75 Resp: 7153

Ion Ratio Lower Upper

75 100

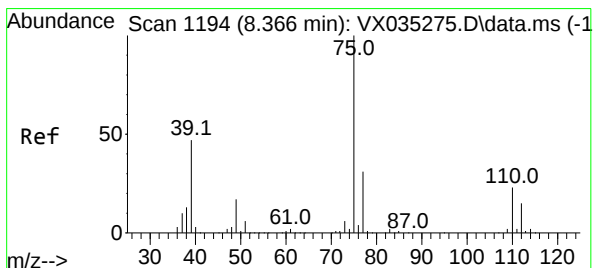
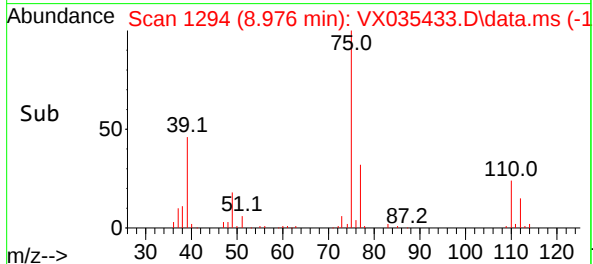
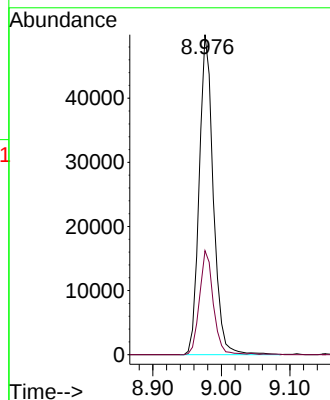
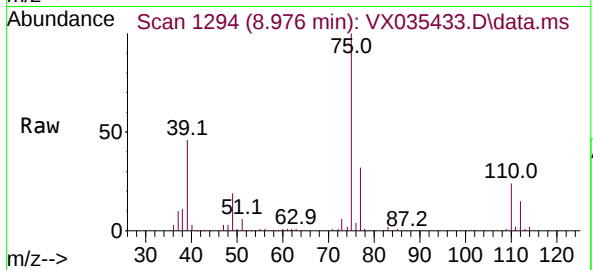
77 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#54

cis-1,3-Dichloropropene

Concen: 19.865 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

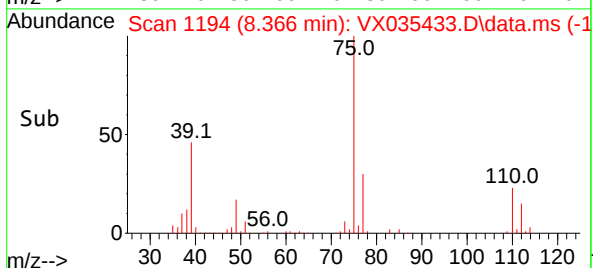
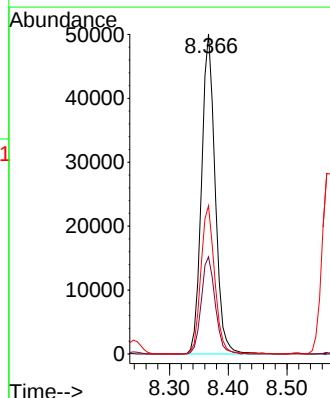
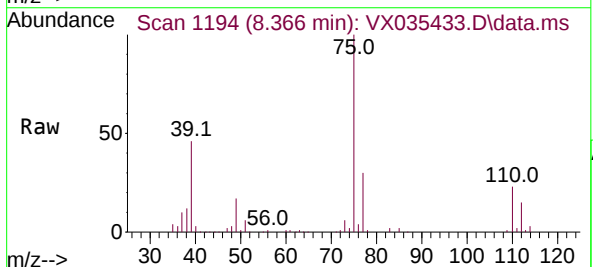
Tgt Ion: 75 Resp: 80751

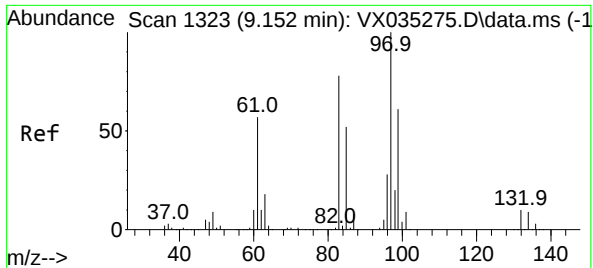
Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.4

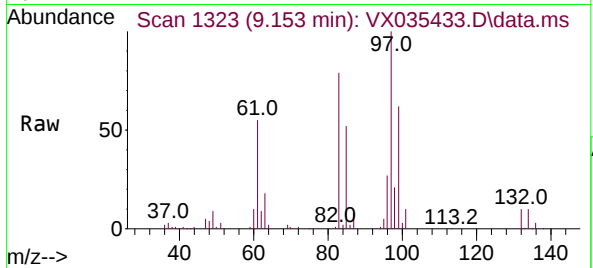
39 46.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.451 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

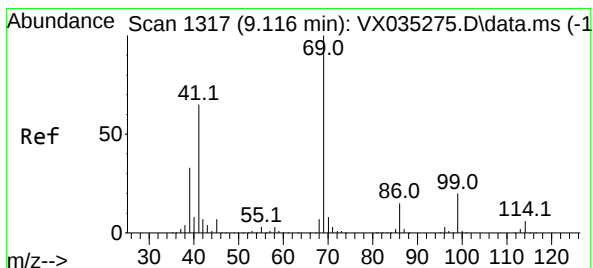
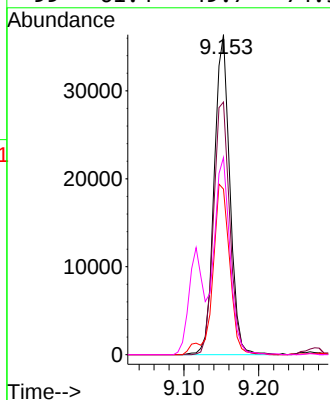
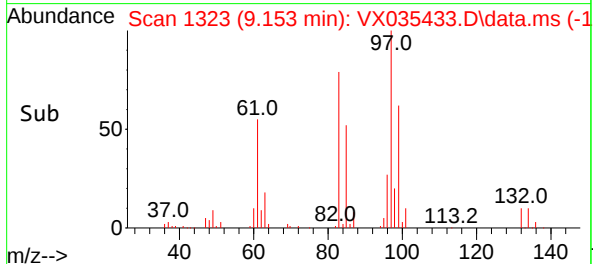
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



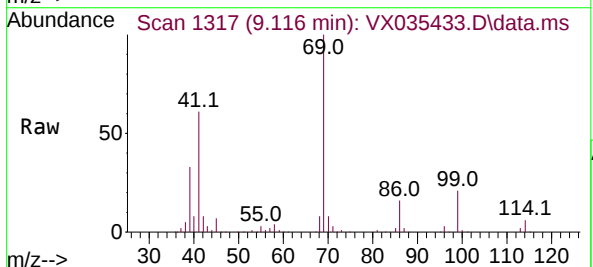
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.9	69.7	104.5
85	51.7	43.7	65.5
99	61.4	49.7	74.5

Manual Integrations
APPROVED

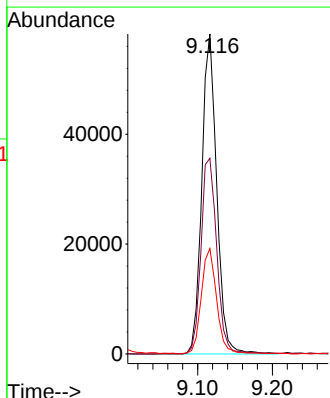
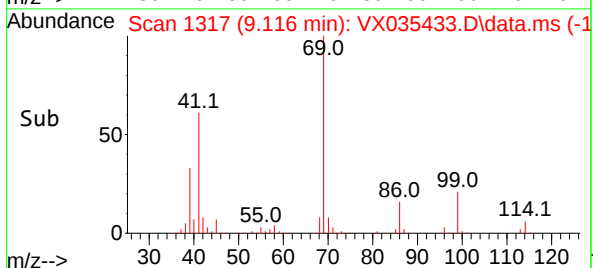
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

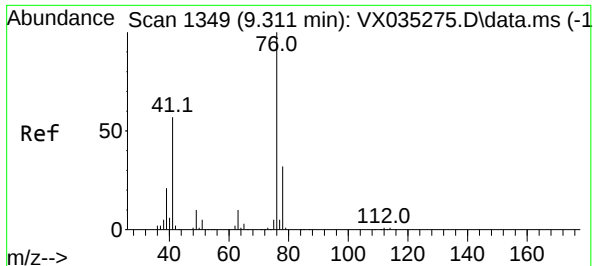


#56
Ethyl methacrylate
Concen: 19.857 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	57.4	86.0
39	34.1	33.7	50.5





#57

1,3-Dichloropropane

Concen: 19.318 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion: 76 Resp: 9014

Ion Ratio Lower Upper

76 100

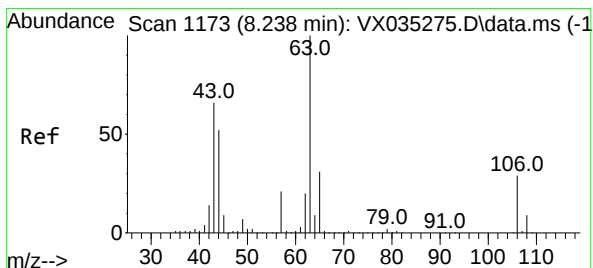
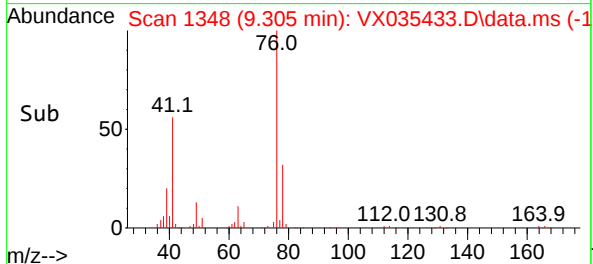
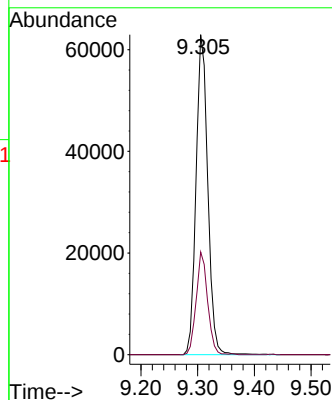
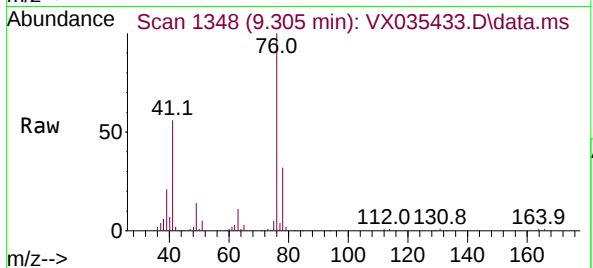
78 31.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 84.195 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035433.D

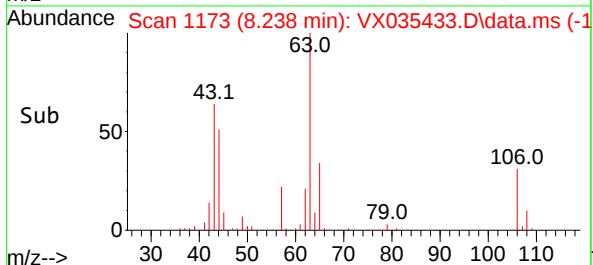
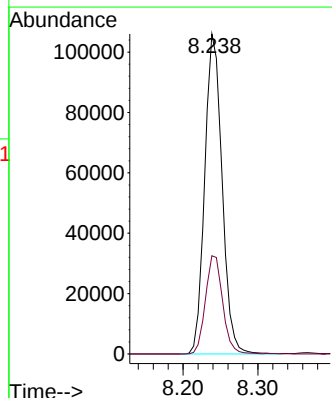
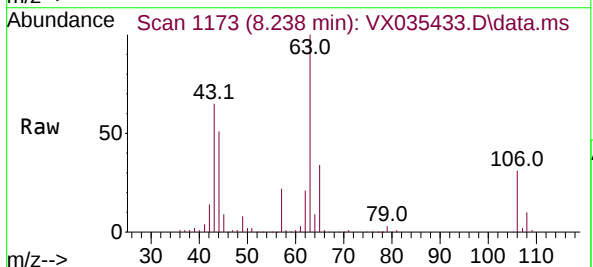
Acq: 01 May 2023 12:23

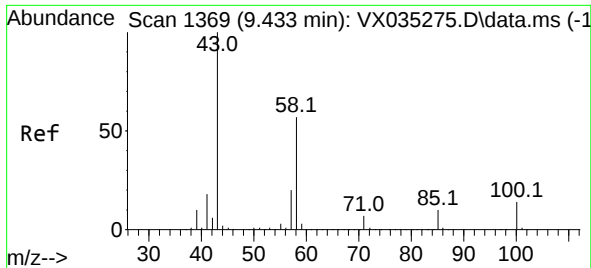
Tgt Ion: 63 Resp: 171089

Ion Ratio Lower Upper

63 100

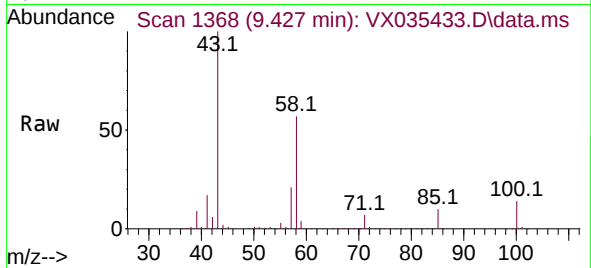
106 30.6 22.2 33.2





#59
2-Hexanone
Concen: 99.283 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

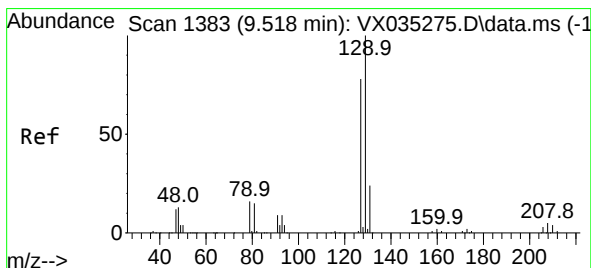
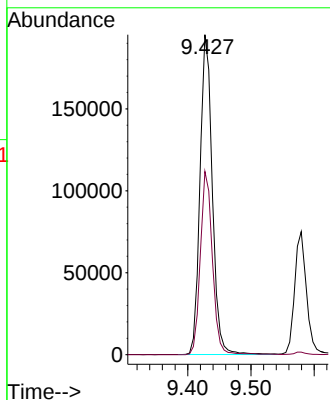
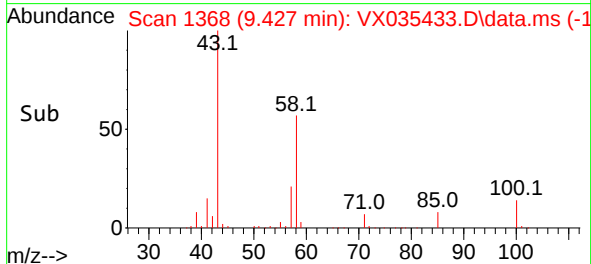
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion: 43 Resp: 26466
Ion Ratio Lower Upper
43 100
58 56.4 26.3 78.9

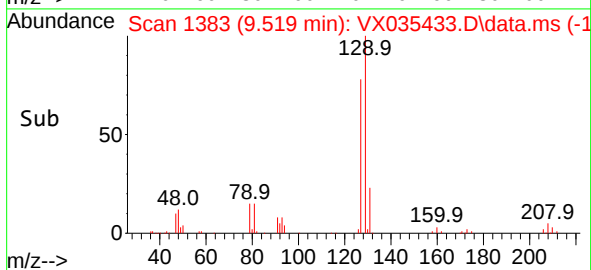
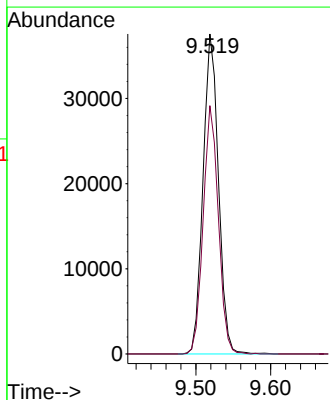
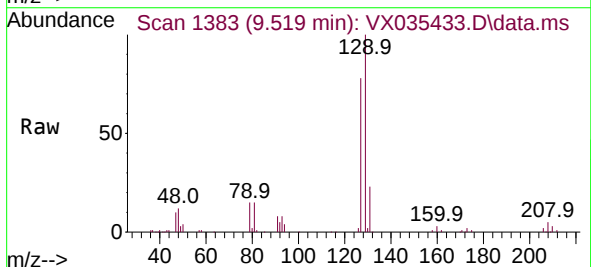
Manual Integrations
APPROVED

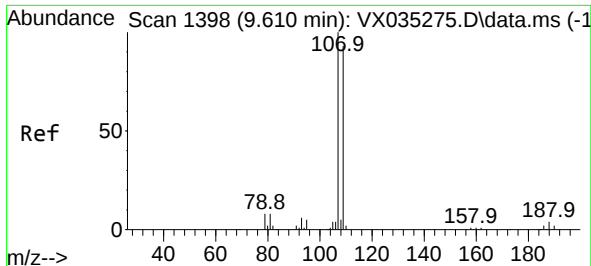
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#60
Dibromochloromethane
Concen: 20.543 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

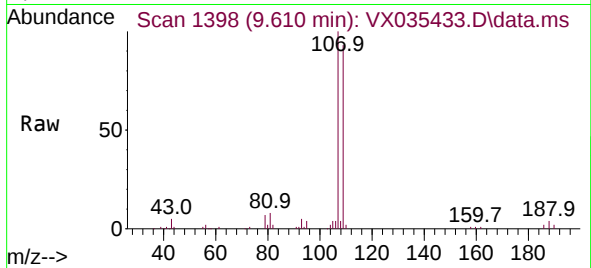
Tgt Ion:129 Resp: 53695
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.873 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

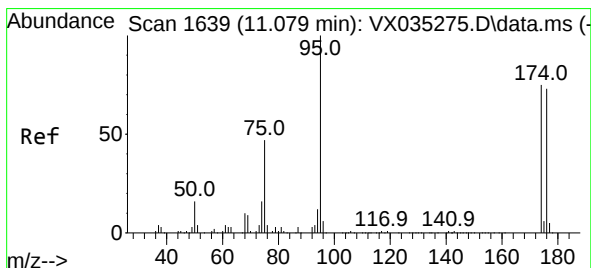
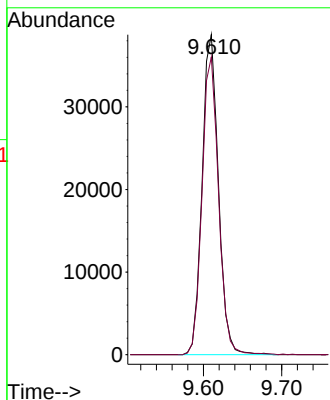
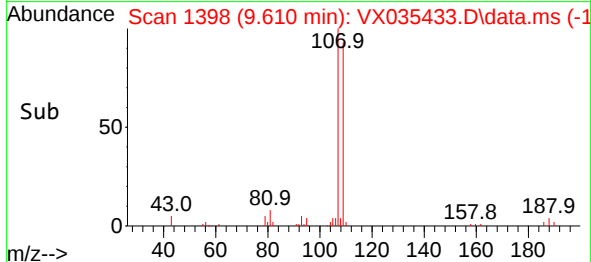
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



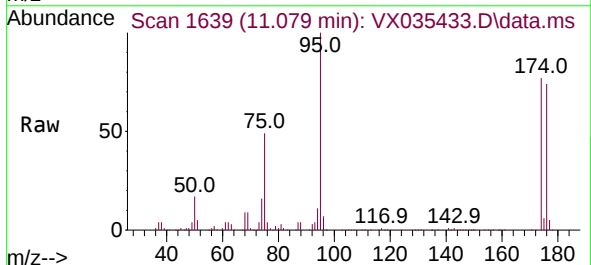
Tgt Ion:107 Resp: 55890
Ion Ratio Lower Upper
107 100
109 94.5 75.3 112.9

Manual Integrations
APPROVED

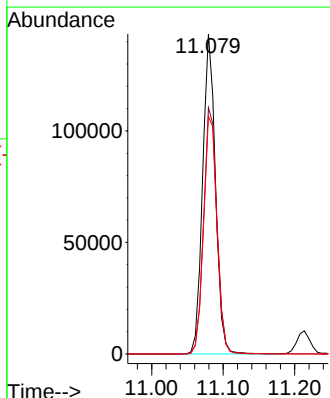
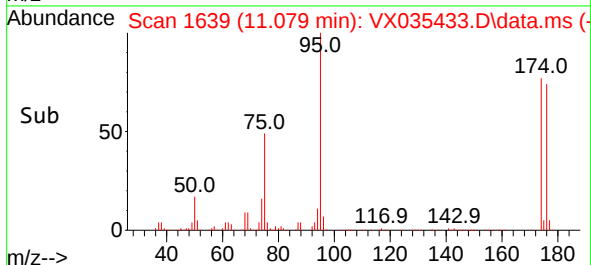
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

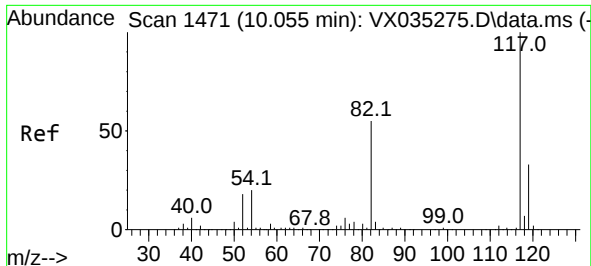


#62
4-Bromofluorobenzene
Concen: 52.131 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



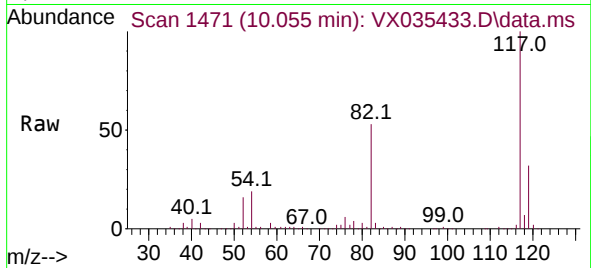
Tgt Ion: 95 Resp: 178306
Ion Ratio Lower Upper
95 100
174 80.1 0.0 147.4
176 77.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

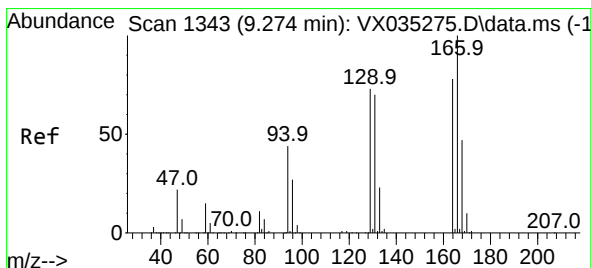
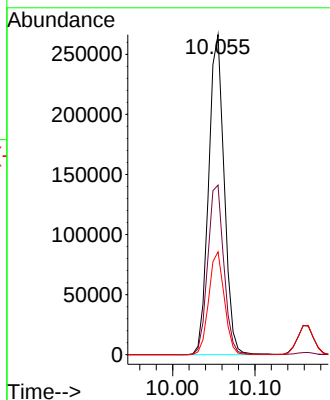
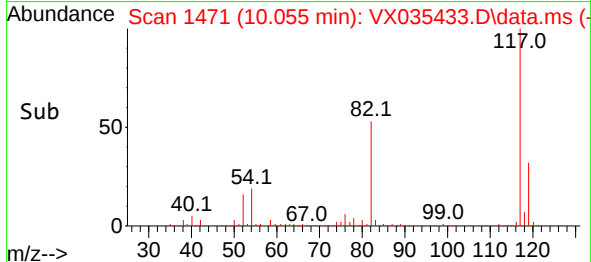
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



Tgt Ion:117 Resp: 35003
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 32.2 26.0 39.0

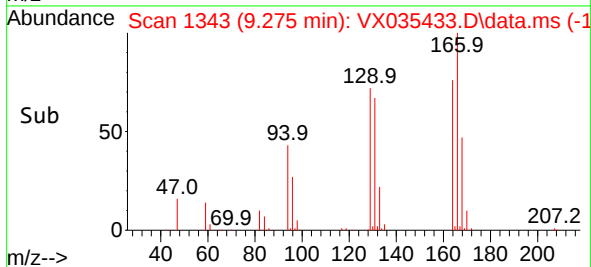
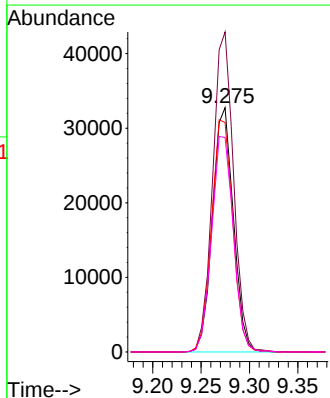
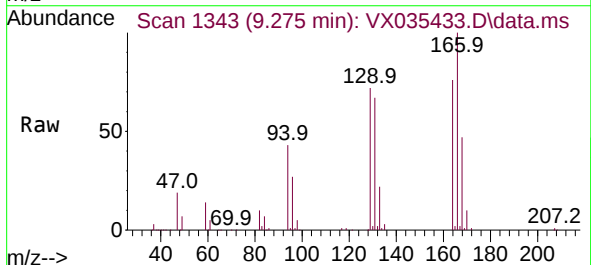
Manual Integrations
APPROVED

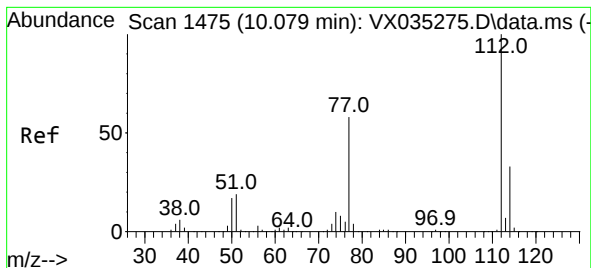
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#64
Tetrachloroethene
Concen: 18.366 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

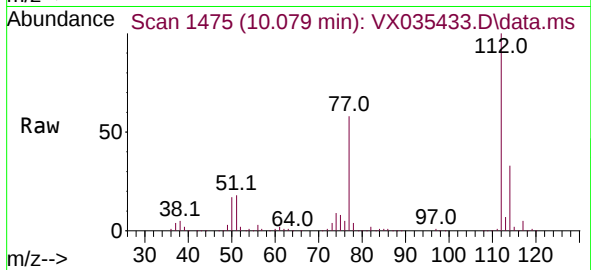
Tgt Ion:164 Resp: 49222
Ion Ratio Lower Upper
164 100
166 131.0 102.7 154.1
129 93.9 75.6 113.4
131 87.8 73.7 110.5





#65
Chlorobenzene
Concen: 18.496 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

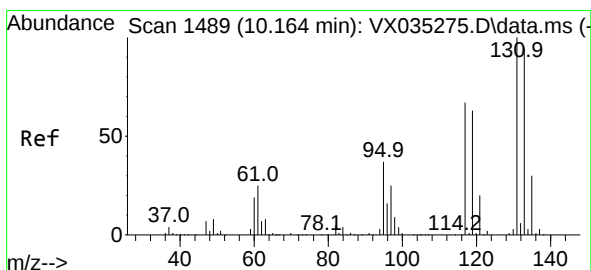
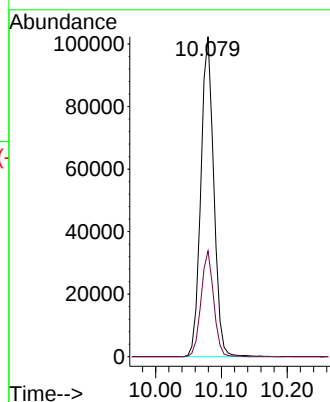
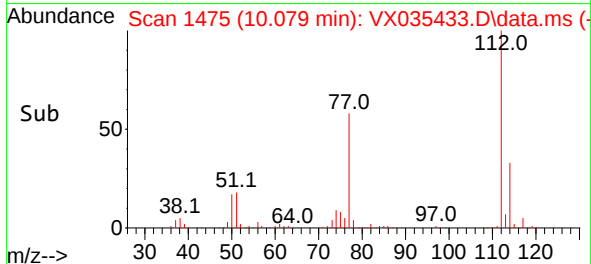
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



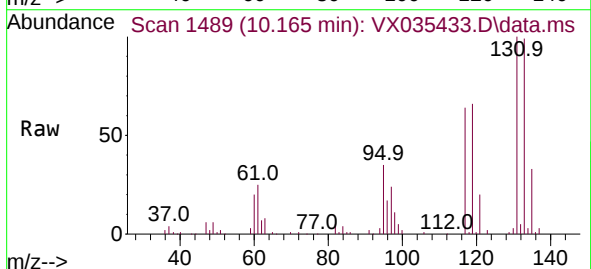
Tgt Ion:112 Resp: 14007
Ion Ratio Lower Upper
112 100
114 33.1 26.2 39.2

Manual Integrations
APPROVED

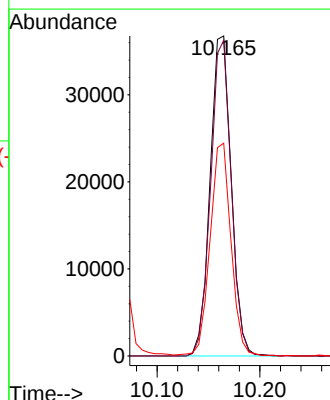
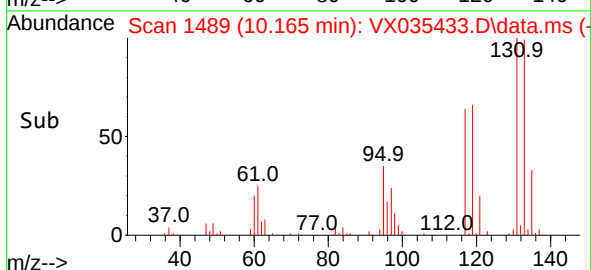
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

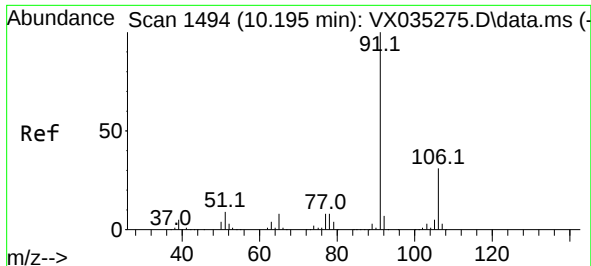


#66
1,1,1,2-Tetrachloroethane
Concen: 19.865 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



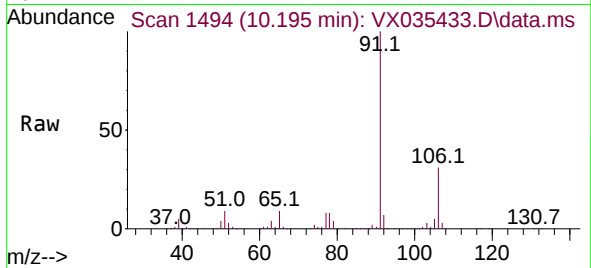
Tgt Ion:131 Resp: 52357
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 66.0 32.6 98.0





#67
Ethyl Benzene
Concen: 18.871 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

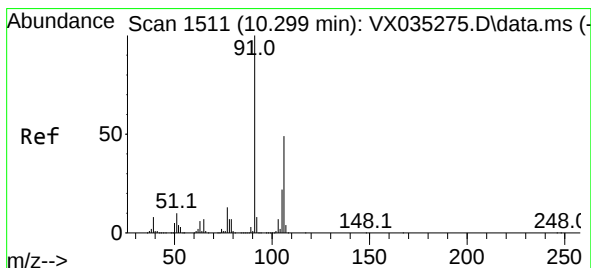
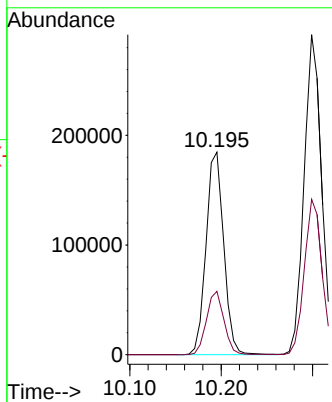
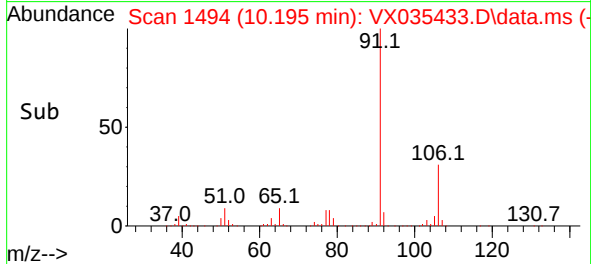
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



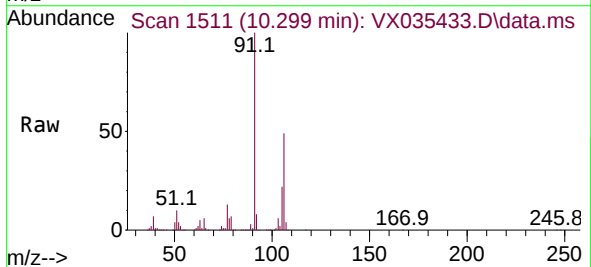
Tgt Ion: 91 Resp: 247485
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

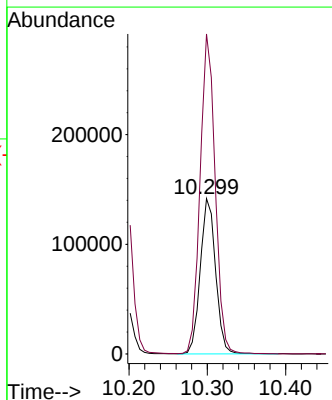
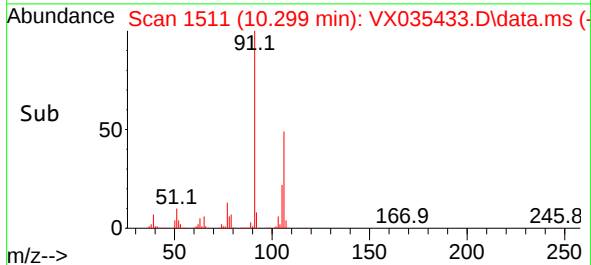
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

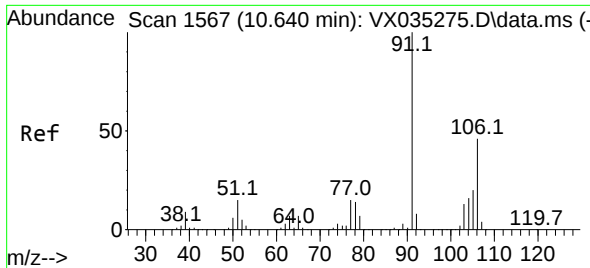


#68
m/p-Xylenes
Concen: 38.214 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



Tgt Ion:106 Resp: 192038
Ion Ratio Lower Upper
106 100
91 203.0 164.0 246.0





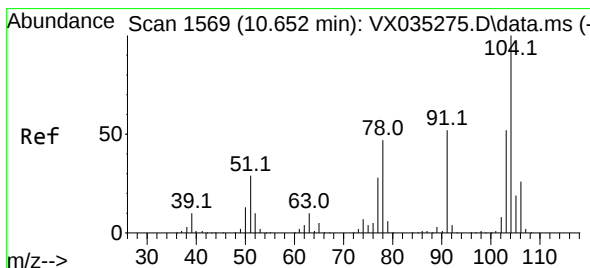
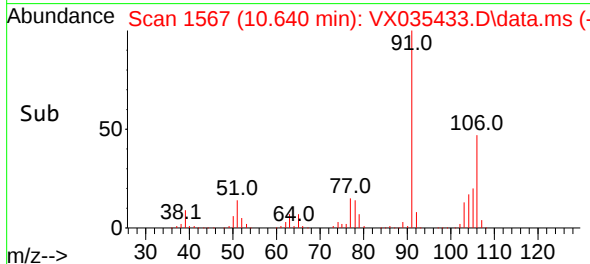
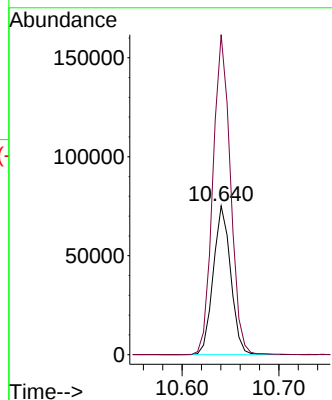
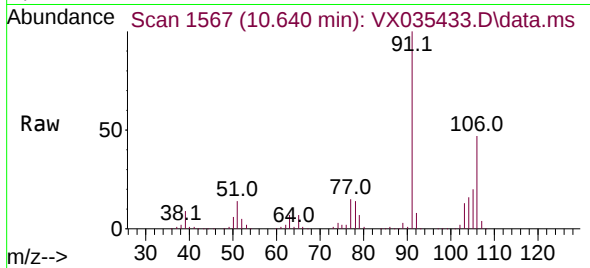
#69
o-Xylene
Concen: 19.126 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tgt Ion:106 Resp: 9425
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.3

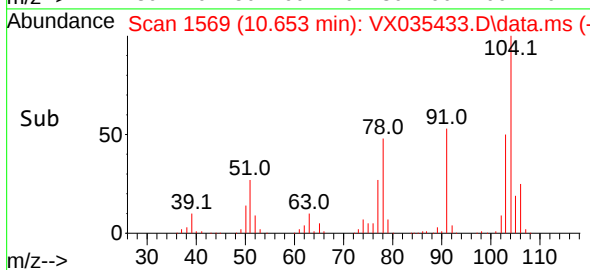
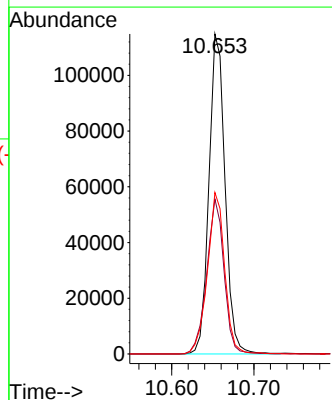
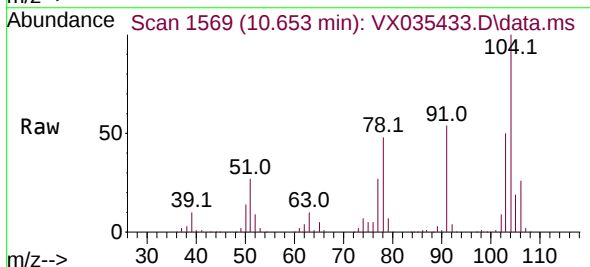
Manual Integrations
APPROVED

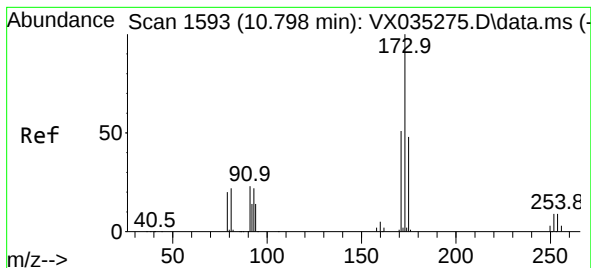
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#70
Styrene
Concen: 19.530 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Tgt Ion:104 Resp: 156041
Ion Ratio Lower Upper
104 100
78 52.0 43.4 65.2
103 54.1 44.2 66.2





#71

Bromoform

Concen: 19.911 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

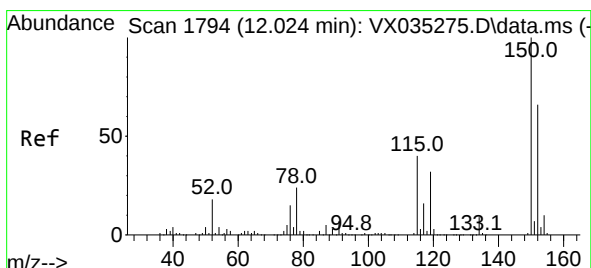
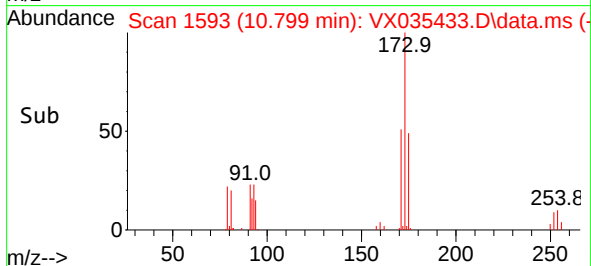
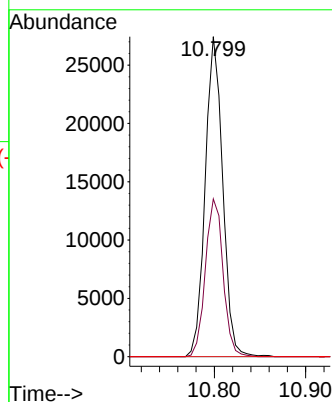
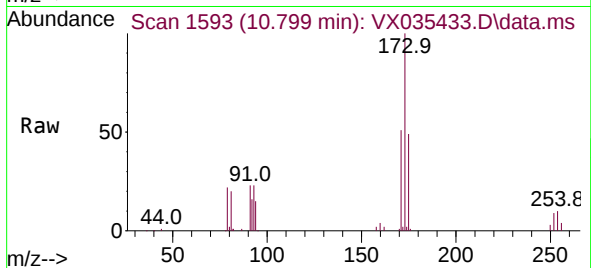
Tgt Ion:173 Resp: 3650
 Ion Ratio Lower Upper
 173 100
 175 50.0 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

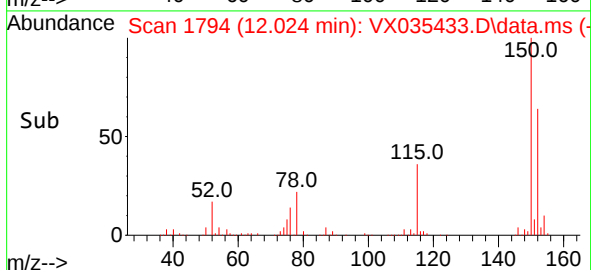
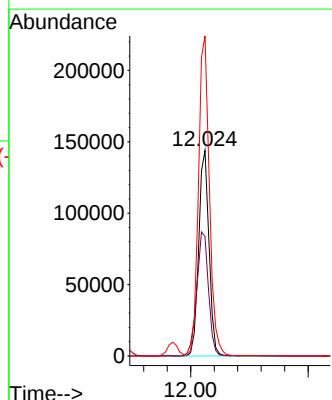
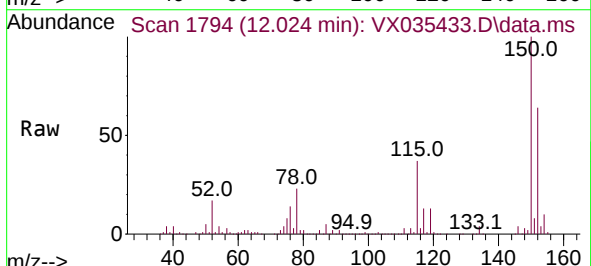
RT: 12.024 min Scan# 1794

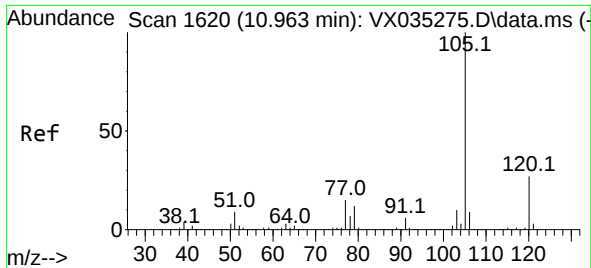
Delta R.T. 0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

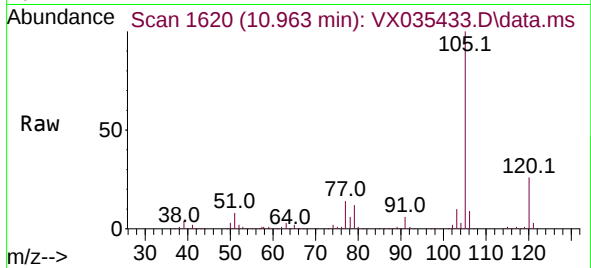
Tgt Ion:152 Resp: 175128
 Ion Ratio Lower Upper
 152 100
 115 68.8 45.0 135.0
 150 164.4 0.0 352.4





#73
Isopropylbenzene
Concen: 19.339 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

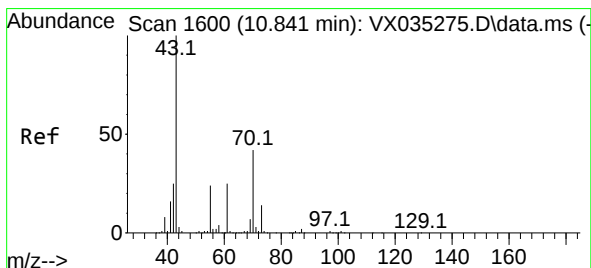
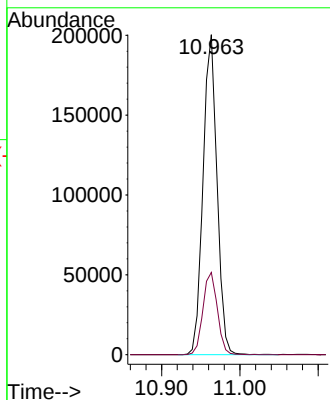
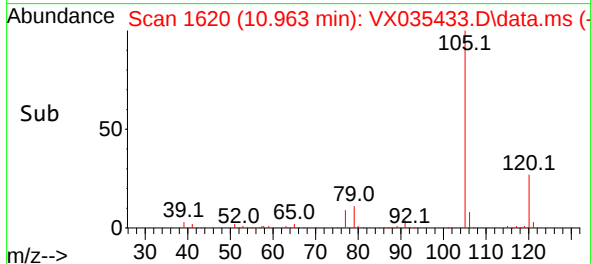
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



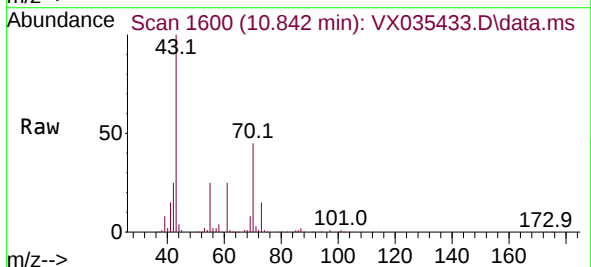
Tgt Ion:105 Resp: 24757
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

Manual Integrations
APPROVED

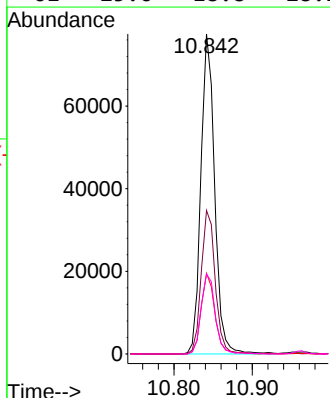
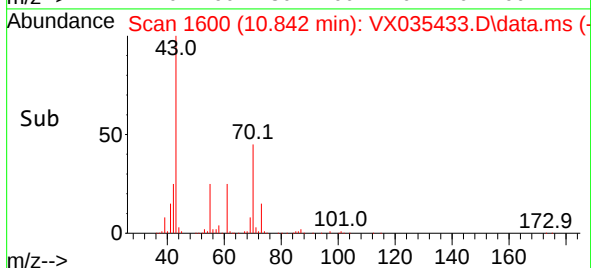
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

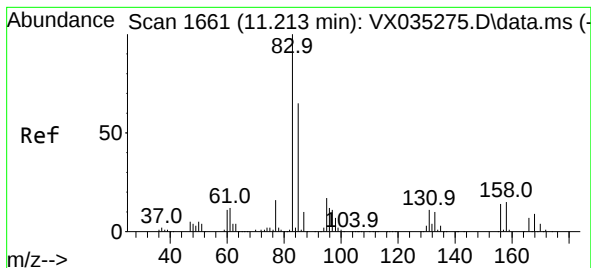


#74
N-ethyl acetate
Concen: 19.703 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



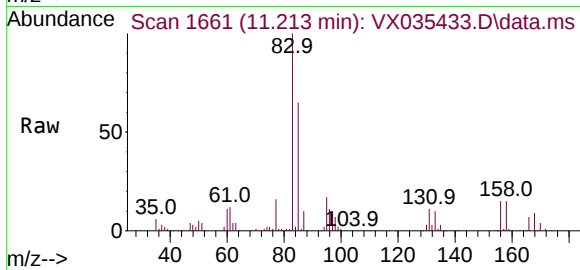
Tgt Ion: 43 Resp: 94789
Ion Ratio Lower Upper
43 100
70 45.5 32.1 48.1
55 25.1 18.3 27.5
61 25.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.977 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

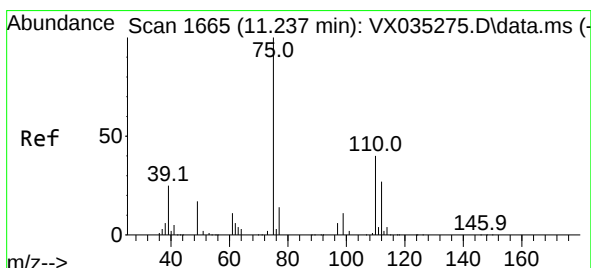
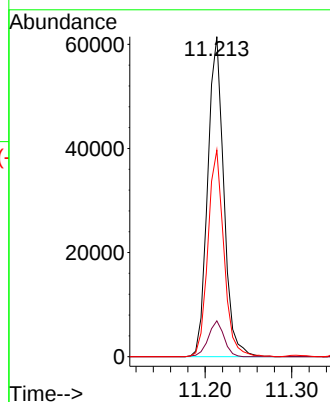
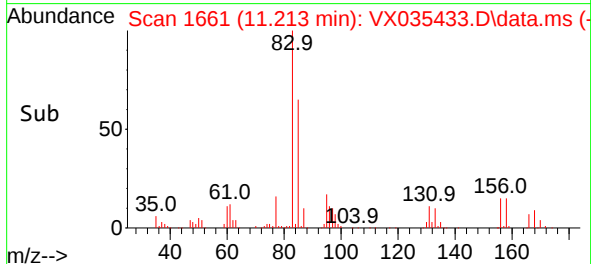
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



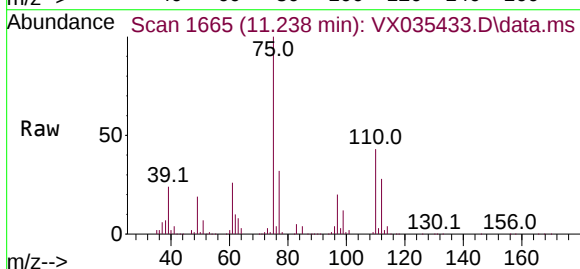
Tgt Ion: 83 Resp: 79370
Ion Ratio Lower Upper
83 100
131 11.0 4.8 14.3
85 64.1 32.0 96.0

Manual Integrations
APPROVED

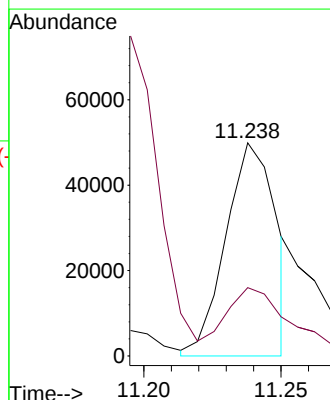
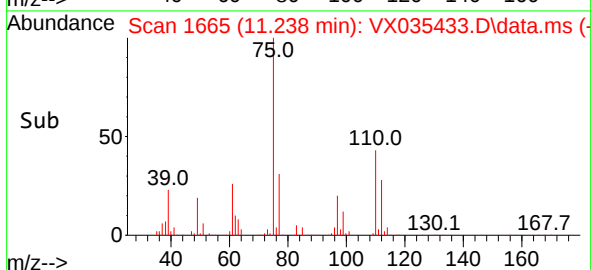
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

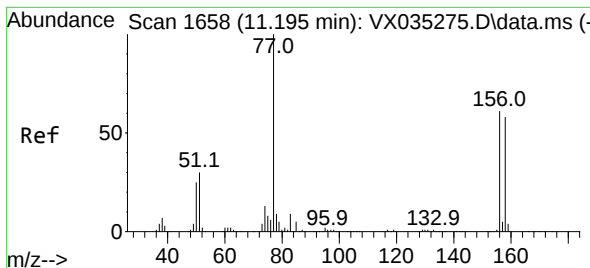


#76
1,2,3-Trichloropropane
Concen: 18.225 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



Tgt Ion: 75 Resp: 63666
Ion Ratio Lower Upper
75 100
77 42.3 21.6 64.8





#77

Bromobenzene

Concen: 19.557 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion:156 Resp: 62235

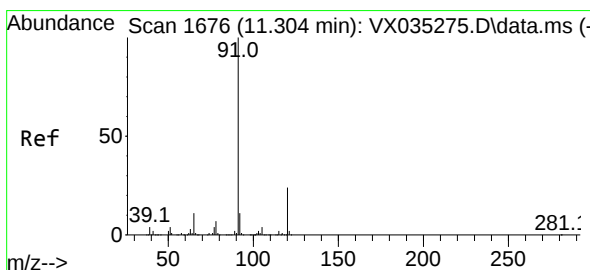
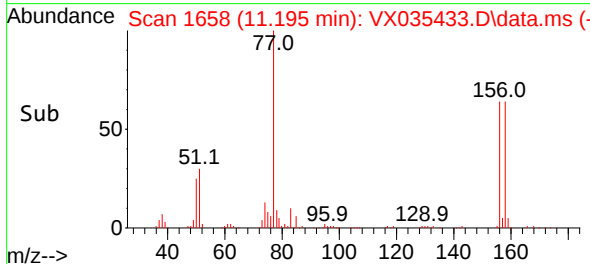
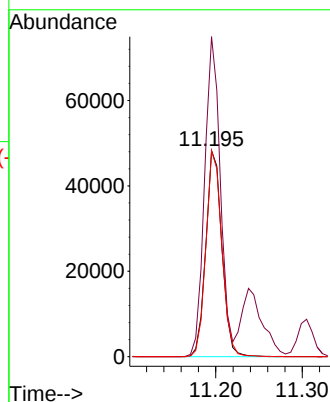
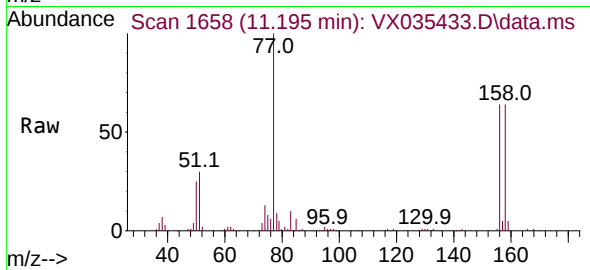
Ion	Ratio	Lower	Upper
156	100		
77	152.0	86.7	259.9
158	98.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#78

n-propylbenzene

Concen: 18.946 ug/l

RT: 11.305 min Scan# 1676

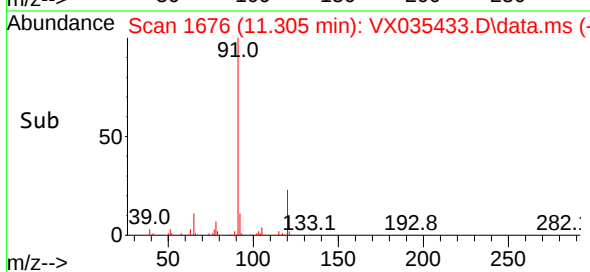
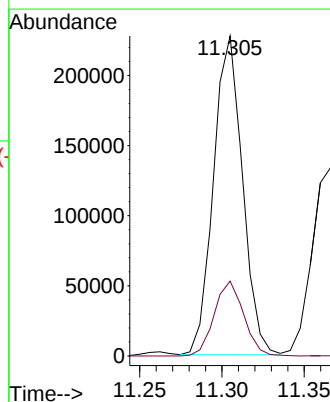
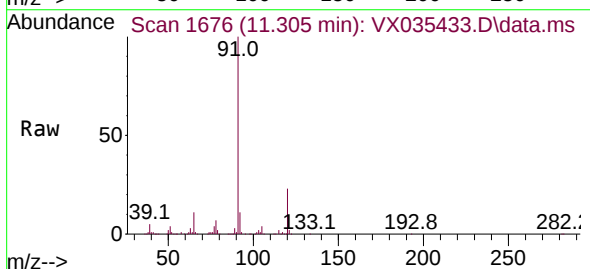
Delta R.T. 0.001 min

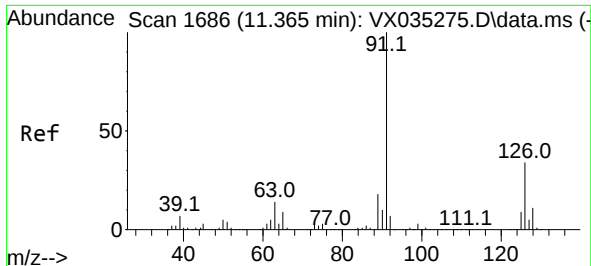
Lab File: VX035433.D

Acq: 01 May 2023 12:23

Tgt Ion: 91 Resp: 278549

Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.5	34.5





#79

2-Chlorotoluene

Concen: 18.571 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion: 91 Resp: 17062

Ion Ratio Lower Upper

91 100

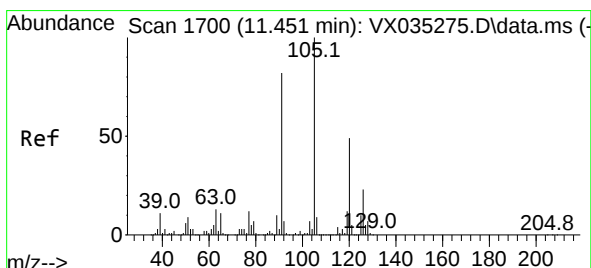
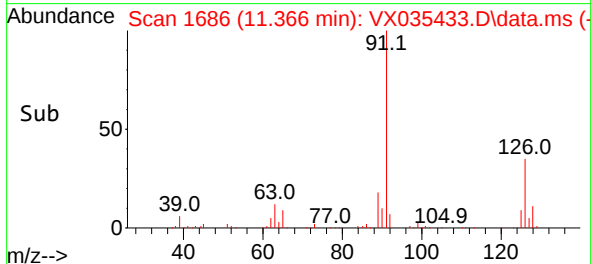
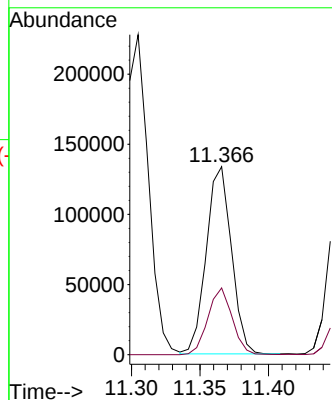
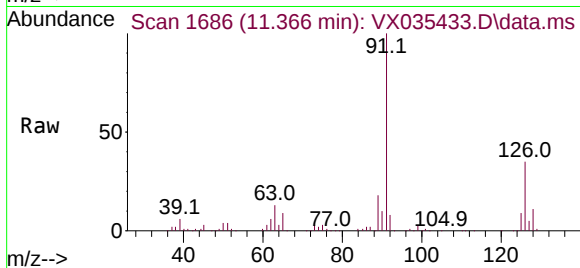
126 34.3 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.652 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035433.D

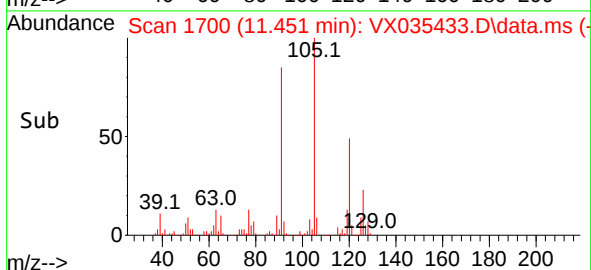
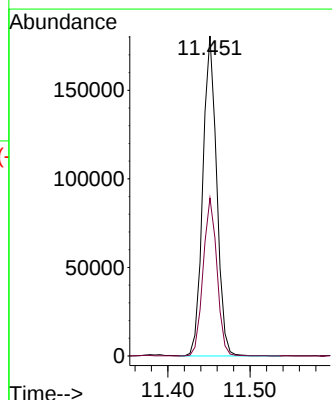
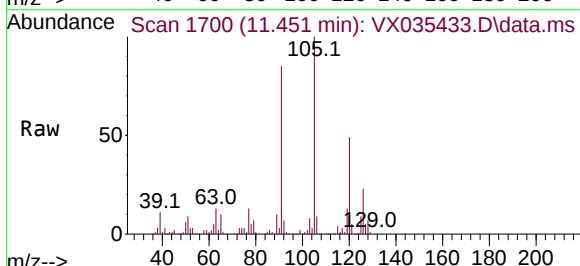
Acq: 01 May 2023 12:23

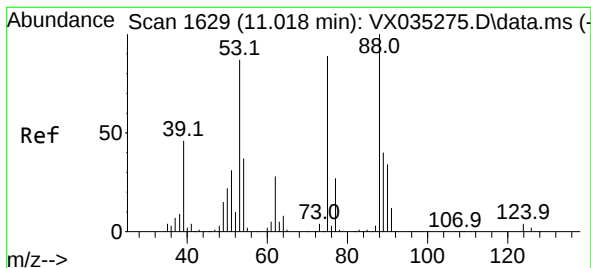
Tgt Ion:105 Resp: 212125

Ion Ratio Lower Upper

105 100

120 49.2 23.7 71.1





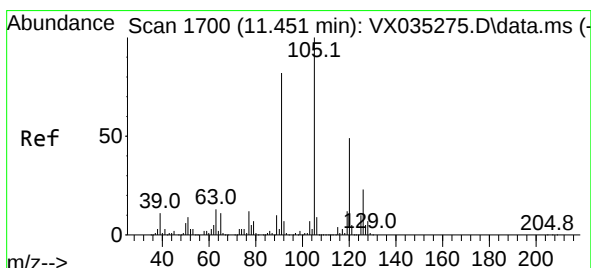
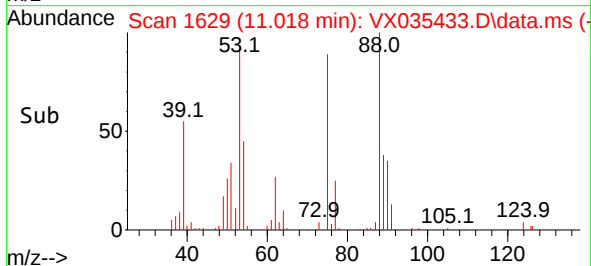
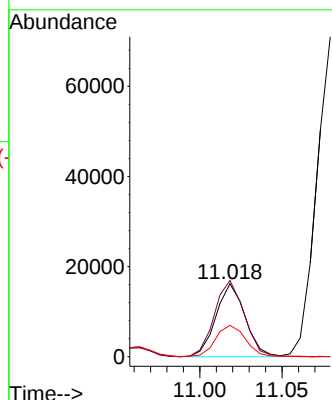
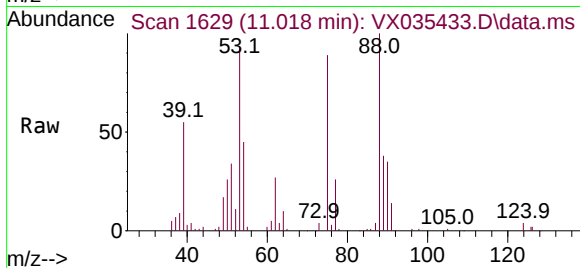
#81
trans-1,4-Dichloro-2-butene
Concen: 18.527 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tgt Ion: 75 Resp: 1998
Ion Ratio Lower Upper
75 100
53 106.7 82.6 124.0
89 44.1 36.9 55.3

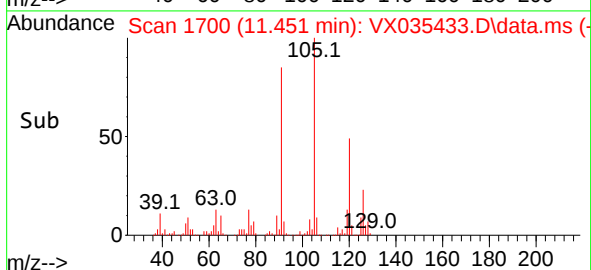
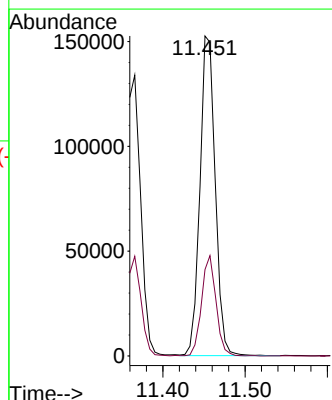
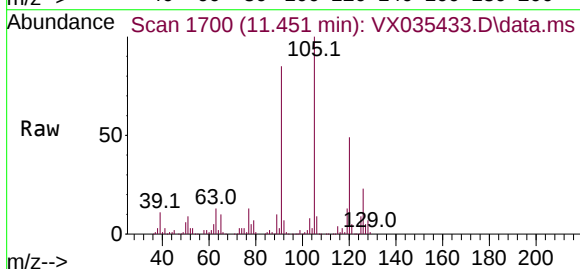
Manual Integrations
APPROVED

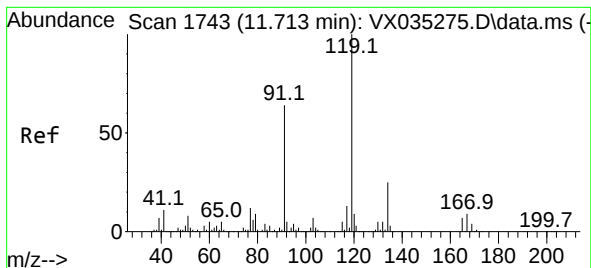
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#82
4-Chlorotoluene
Concen: 19.106 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

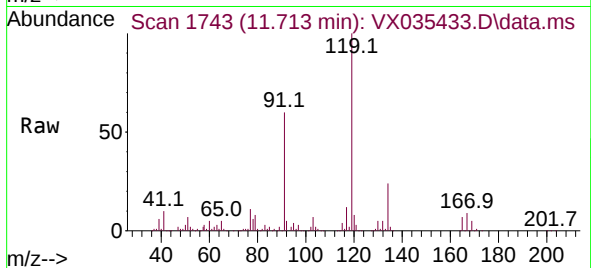
Tgt Ion: 91 Resp: 197156
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.295 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

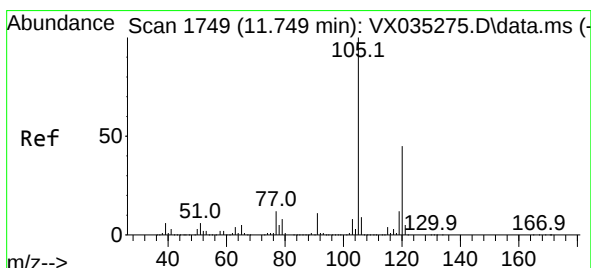
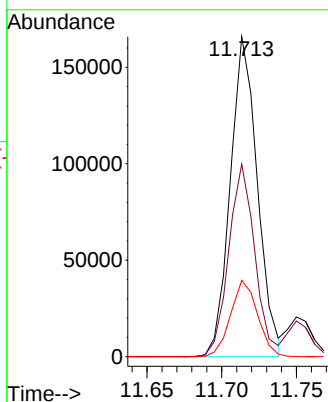
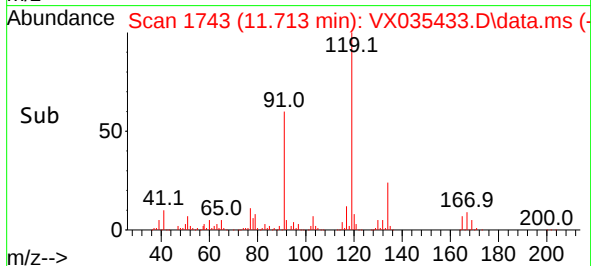
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



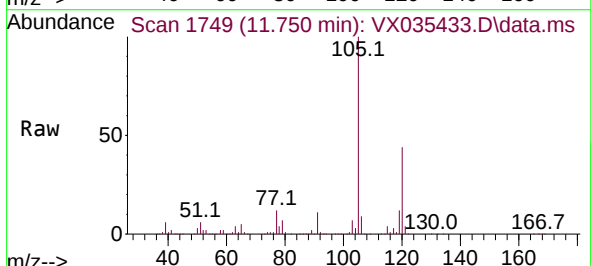
Tgt Ion:119 Resp: 208975
Ion Ratio Lower Upper
119 100
91 58.1 30.6 92.0
134 23.8 11.8 35.4

Manual Integrations
APPROVED

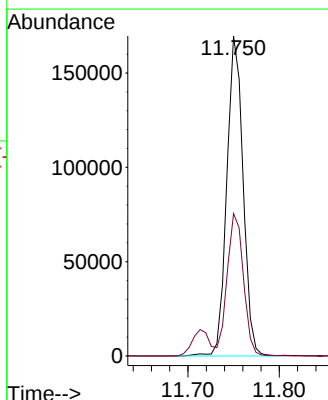
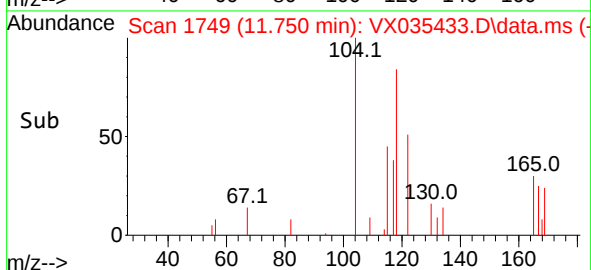
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

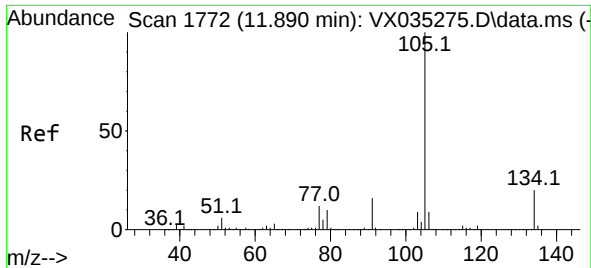


#84
1,2,4-Trimethylbenzene
Concen: 19.353 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



Tgt Ion:105 Resp: 209896
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0





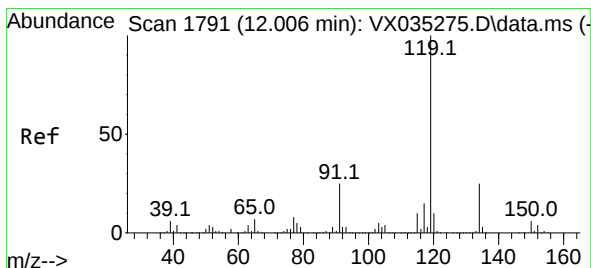
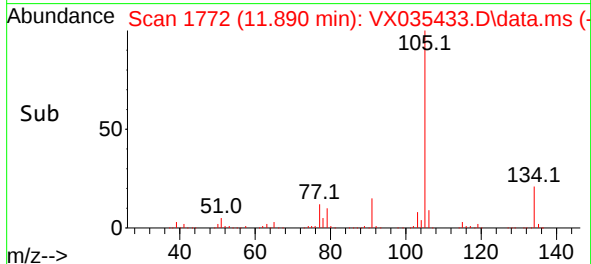
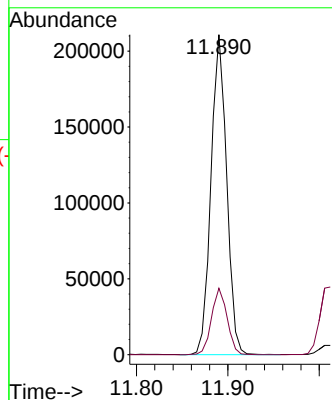
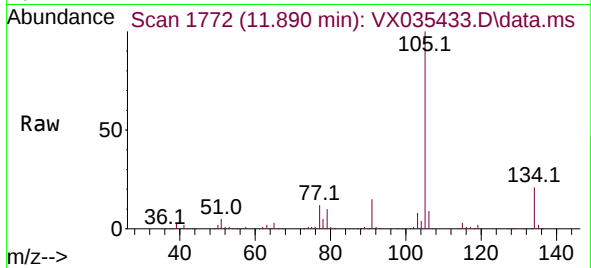
#85
 sec-Butylbenzene
 Concen: 18.811 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035433.D
 Acq: 01 May 2023 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tgt Ion:105 Resp: 24990
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

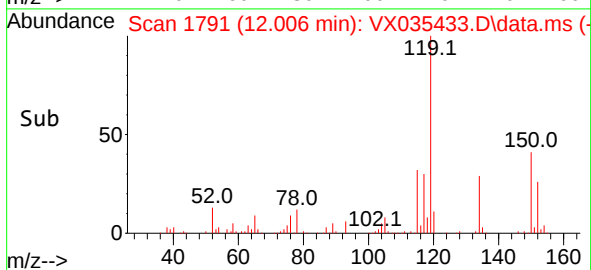
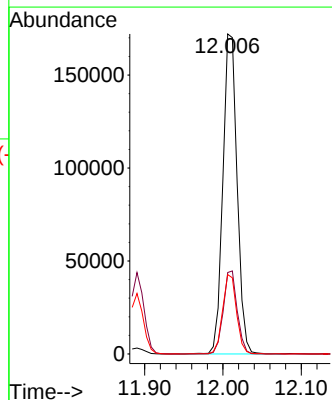
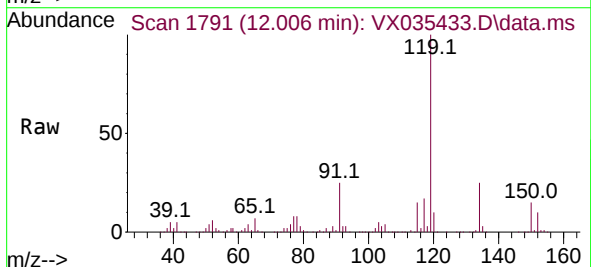
Manual Integrations
 APPROVED

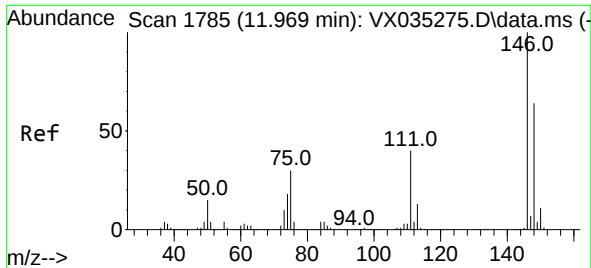
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#86
 p-Isopropyltoluene
 Concen: 19.324 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035433.D
 Acq: 01 May 2023 12:23

Tgt Ion:119 Resp: 218340
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.2 39.5
 91 24.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 18.921 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion:146 Resp: 11442

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

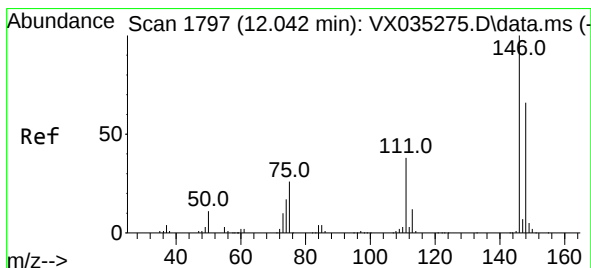
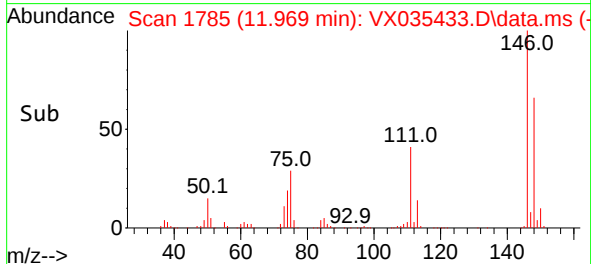
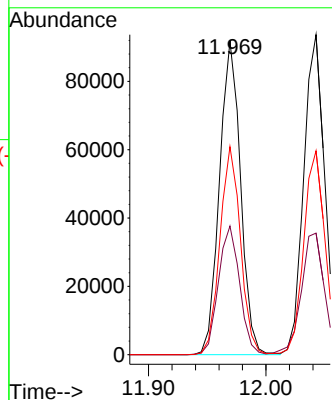
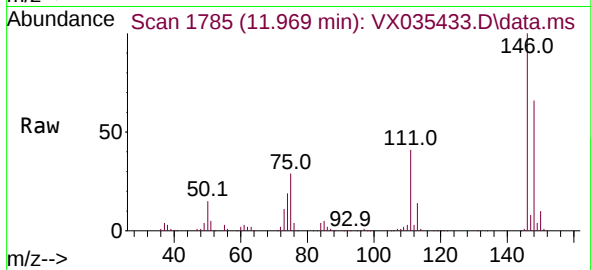
148 64.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#88

1,4-Dichlorobenzene

Concen: 18.425 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

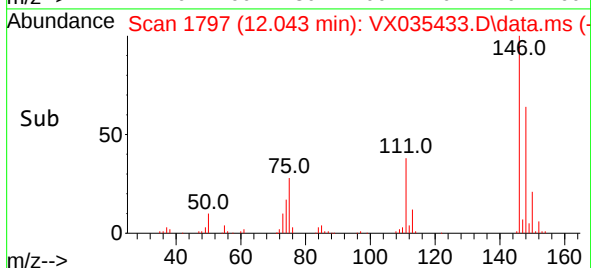
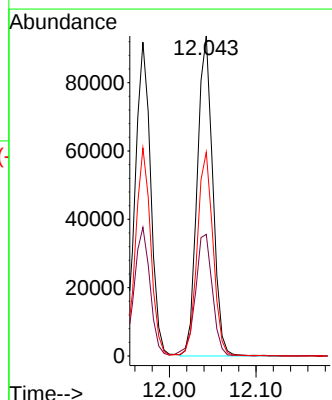
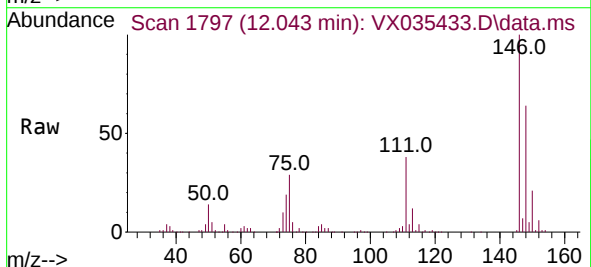
Tgt Ion:146 Resp: 116826

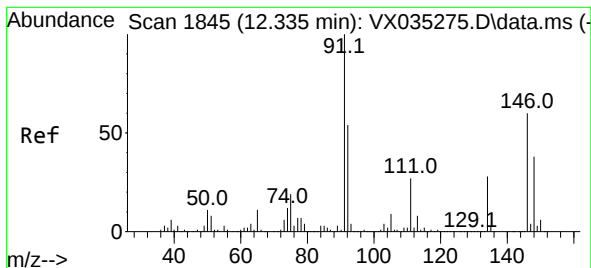
Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 18.387 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035433.D

Acq: 01 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tgt Ion: 91 Resp: 175370

Ion Ratio Lower Upper

91 100

92 54.0 27.7 83.0

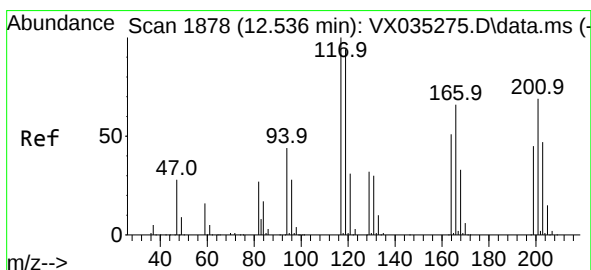
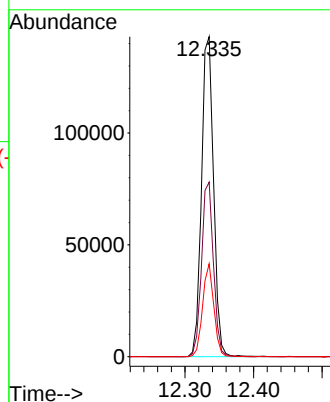
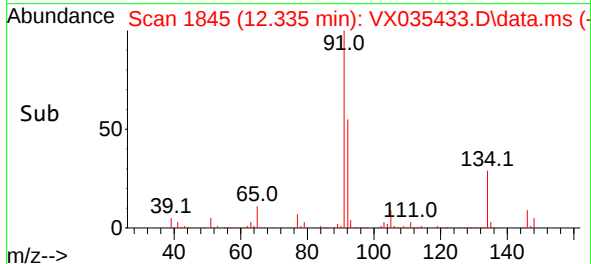
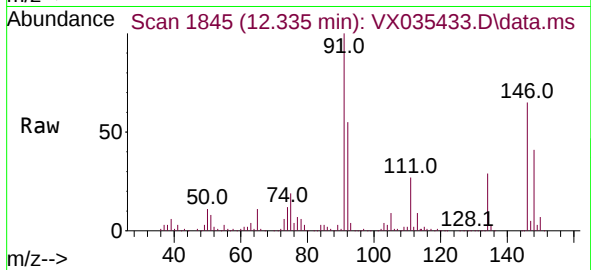
134 27.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#90

Hexachloroethane

Concen: 18.469 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035433.D

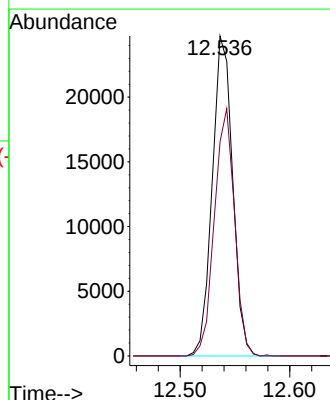
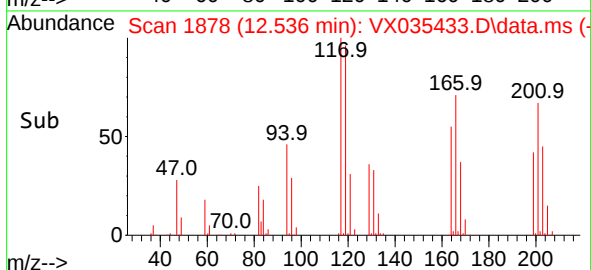
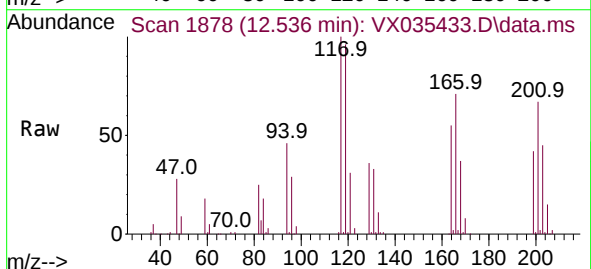
Acq: 01 May 2023 12:23

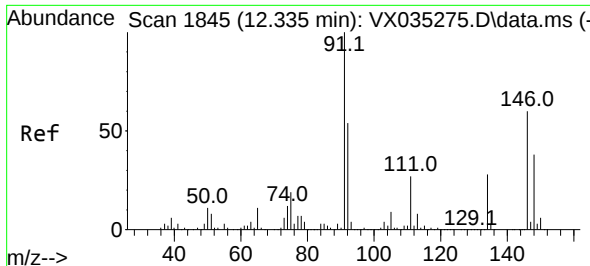
Tgt Ion:117 Resp: 31945

Ion Ratio Lower Upper

117 100

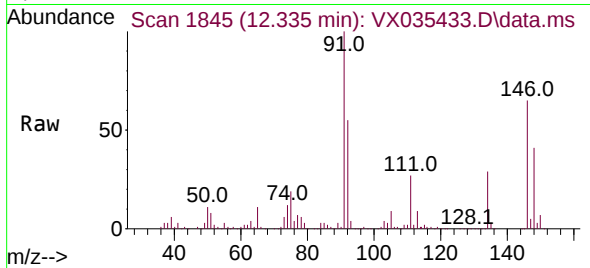
201 76.5 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 19.075 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

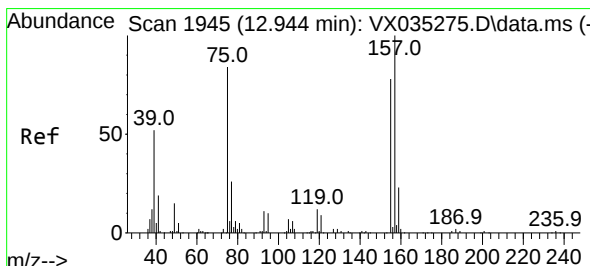
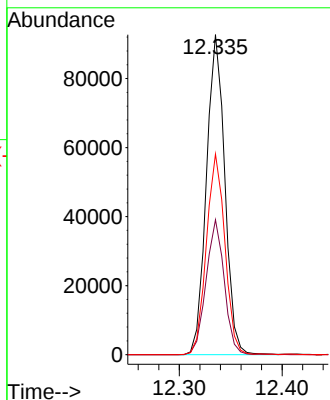
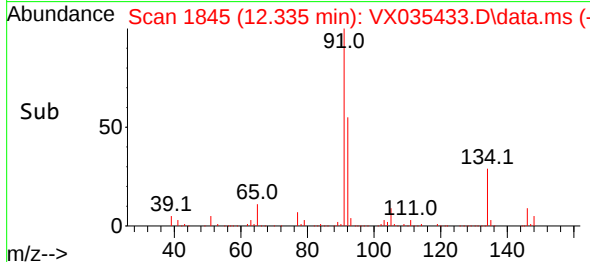
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



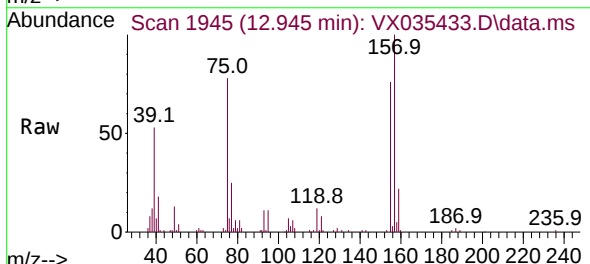
Tgt Ion:146 Resp: 115372
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 63.2 32.0 96.0

Manual Integrations
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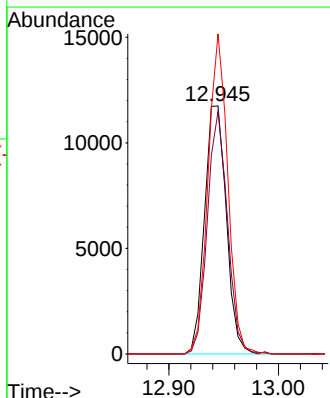
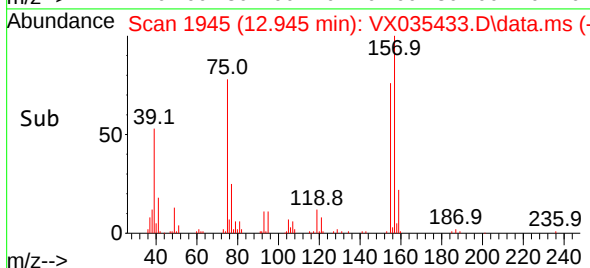
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

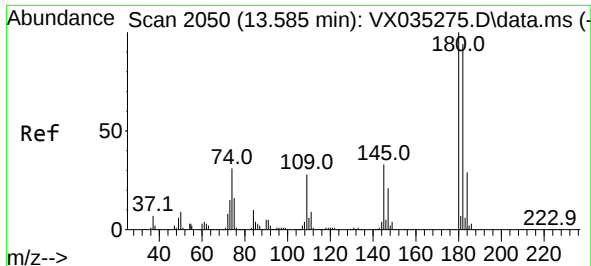


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.373 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



Tgt Ion: 75 Resp: 16232
Ion Ratio Lower Upper
75 100
155 89.9 38.4 115.1
157 116.8 49.9 149.7





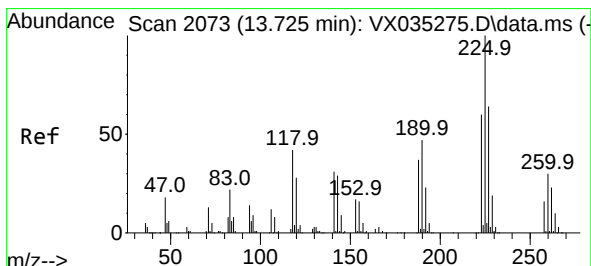
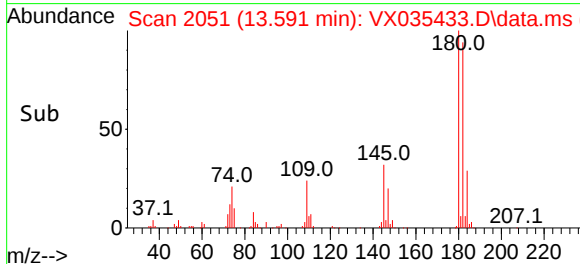
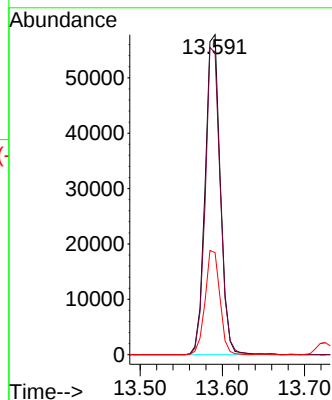
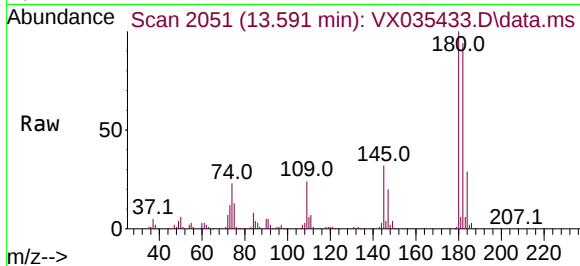
#93
1,2,4-Trichlorobenzene
Concen: 19.446 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tgt Ion:180 Resp: 7393
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 31.8 15.9 47.7

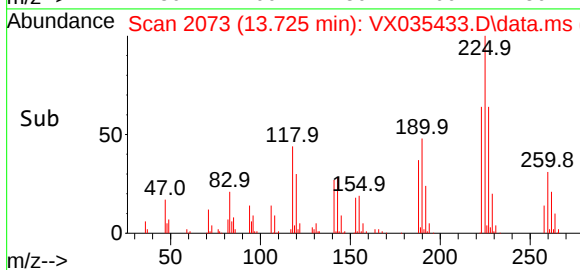
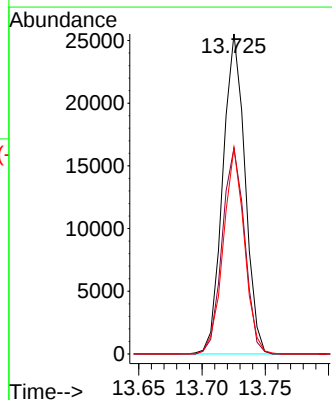
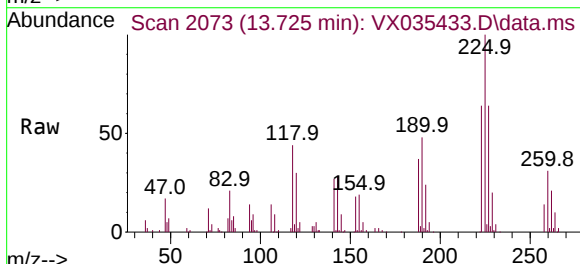
Manual Integrations
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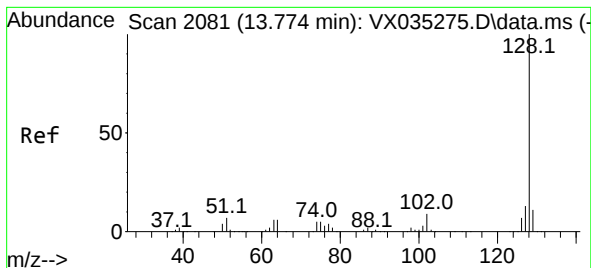
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#94
Hexachlorobutadiene
Concen: 18.621 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

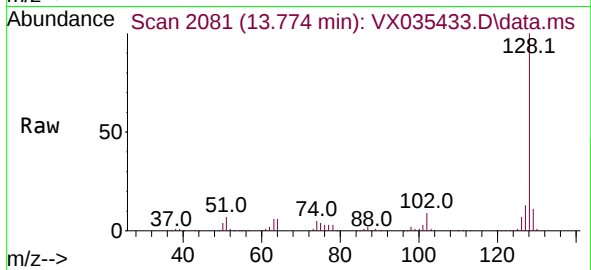
Tgt Ion:225 Resp: 31071
Ion Ratio Lower Upper
225 100
223 64.6 32.1 96.5
227 61.3 31.8 95.4





#95
Naphthalene
Concen: 21.179 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23

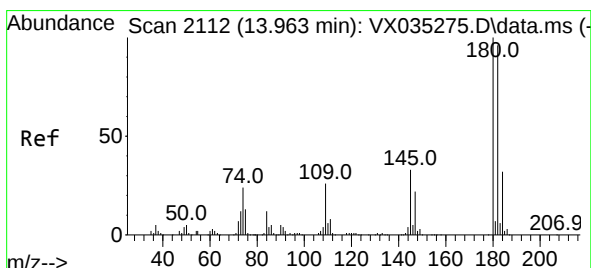
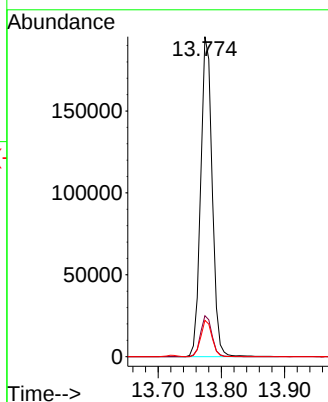
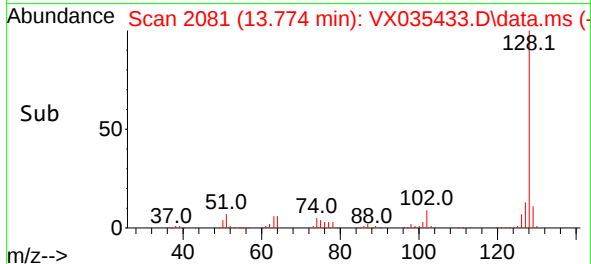
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01



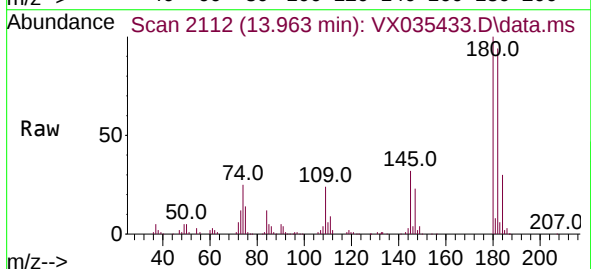
Tgt Ion:128 Resp: 247879
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.004 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035433.D
Acq: 01 May 2023 12:23



Tgt Ion:180 Resp: 72731
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.2
145 33.5 17.7 53.1

