

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035502.D
 Acq On : 03 May 2023 12:18
 Operator : JC/MD
 Sample : VX0503MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:18:34 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	240003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	371517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142841	49.332	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.379	113	118976	52.176	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.360%		
50) Toluene-d8	8.647	98	440384	51.196	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.400%		
62) 4-Bromofluorobenzene	11.079	95	173574	53.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45485	17.911	ug/l	99
3) Chloromethane	1.295	50	35328	15.292	ug/l	100
4) Vinyl Chloride	1.374	62	37719	16.279	ug/l	96
5) Bromomethane	1.618	94	25224	16.379	ug/l	98
6) Chloroethane	1.691	64	21718	16.026	ug/l	96
7) Trichlorofluoromethane	1.886	101	65528	18.085	ug/l	97
8) Diethyl Ether	2.130	74	22516	17.043	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	44054	18.203	ug/l	95
10) Methyl Iodide	2.453	142	45581	14.923	ug/l	99
11) Tert butyl alcohol	2.995	59	50511	95.808	ug/l	95
12) 1,1-Dichloroethene	2.319	96	39241	16.834	ug/l	98
13) Acrolein	2.239	56	50541	97.480	ug/l	98
14) Allyl chloride	2.666	41	68424	16.680	ug/l	97
15) Acrylonitrile	3.062	53	120843	91.644	ug/l	100
16) Acetone	2.392	43	111625	88.763	ug/l	98
17) Carbon Disulfide	2.514	76	87031	15.575	ug/l	100
18) Methyl Acetate	2.703	43	90623	18.635	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	155790	19.481	ug/l	96
20) Methylene Chloride	2.788	84	47962	16.633	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	43671	17.250	ug/l	96
22) Diisopropyl ether	3.751	45	147727	18.198	ug/l	90
23) Vinyl Acetate	3.715	43	520662	93.312	ug/l	99
24) 1,1-Dichloroethane	3.611	63	81605	17.847	ug/l	99
25) 2-Butanone	4.556	43	166497	90.708	ug/l	93
26) 2,2-Dichloropropane	4.471	77	66254	18.495	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	53671	18.035	ug/l	94
28) Bromochloromethane	4.898	49	41557	21.327	ug/l #	82
29) Tetrahydrofuran	5.007	42	103683	88.116	ug/l	94
30) Chloroform	5.087	83	86187	18.672	ug/l	99
31) Cyclohexane	5.464	56	69437	16.905	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	76049	18.799	ug/l	96
36) 1,1-Dichloropropene	5.690	75	62247	17.483	ug/l	98
37) Ethyl Acetate	4.709	43	61440	18.893	ug/l	96
38) Carbon Tetrachloride	5.672	117	64201	18.994	ug/l	99
39) Methylcyclohexane	7.379	83	75626	17.449	ug/l	96
40) Benzene	6.031	78	186358	18.246	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	34948	18.755	ug/l	97
42) 1,2-Dichloroethane	6.080	62	69188	18.999	ug/l	96
43) Isopropyl Acetate	6.336	43	105072	19.229	ug/l	95
44) Trichloroethene	7.123	130	51998	18.480	ug/l	96
45) 1,2-Dichloropropane	7.428	63	48477	18.826	ug/l	99
46) Dibromomethane	7.580	93	34005	19.230	ug/l	91
47) Bromodichloromethane	7.818	83	65167	20.002	ug/l	97
48) Methyl methacrylate	7.690	41	52198	19.474	ug/l	92
49) 1,4-Dioxane	7.696	88	24321	372.250	ug/l	95
51) 4-Methyl-2-Pentanone	8.568	43	333248	99.268	ug/l	95
52) Toluene	8.714	92	123390	19.058	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	70971	20.859	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	77846	20.242	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	51734	20.044	ug/l	97
56) Ethyl methacrylate	9.116	69	78521	20.423	ug/l	90
57) 1,3-Dichloropropane	9.305	76	86404	19.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	178773	92.992	ug/l	94
59) 2-Hexanone	9.427	43	252526	100.130	ug/l	94
60) Dibromochloromethane	9.519	129	52462	21.215	ug/l	97
61) 1,2-Dibromoethane	9.610	107	54917	20.640	ug/l	99
64) Tetrachloroethene	9.275	164	48056	18.339	ug/l	94
65) Chlorobenzene	10.080	112	136686	18.460	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	51474	19.975	ug/l	98
67) Ethyl Benzene	10.195	91	241993	18.872	ug/l	99
68) m/p-Xylenes	10.299	106	184641	37.579	ug/l	99
69) o-Xylene	10.640	106	91537	18.999	ug/l	99
70) Styrene	10.653	104	152774	19.556	ug/l	97
71) Bromoform	10.799	173	36781	20.520	ug/l #	98
73) Isopropylbenzene	10.964	105	246668	19.409	ug/l	99
74) N-amyl acetate	10.842	43	94033	19.688	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	77275	19.590	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62931m	18.146	ug/l	
77) Bromobenzene	11.195	156	61202	19.373	ug/l	91
78) n-propylbenzene	11.305	91	271442	18.597	ug/l	98
79) 2-Chlorotoluene	11.366	91	168714	18.498	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	208869	19.491	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19831	18.520	ug/l	97
82) 4-Chlorotoluene	11.451	91	194124	18.950	ug/l	99
83) tert-Butylbenzene	11.713	119	207687	19.316	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	207562	19.277	ug/l	99
85) sec-Butylbenzene	11.890	105	247582	18.772	ug/l	99
86) p-Isopropyltoluene	12.006	119	213218	19.008	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114539	19.078	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	114018	18.113	ug/l	99
89) n-Butylbenzene	12.335	91	175198	18.502	ug/l	98
90) Hexachloroethane	12.536	117	32744	19.069	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	112593	18.751	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15321	19.369	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	72063	19.092	ug/l	99
94) Hexachlorobutadiene	13.725	225	31799	19.196	ug/l	98
95) Naphthalene	13.774	128	234978	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	72012	18.953	ug/l	98

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QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

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

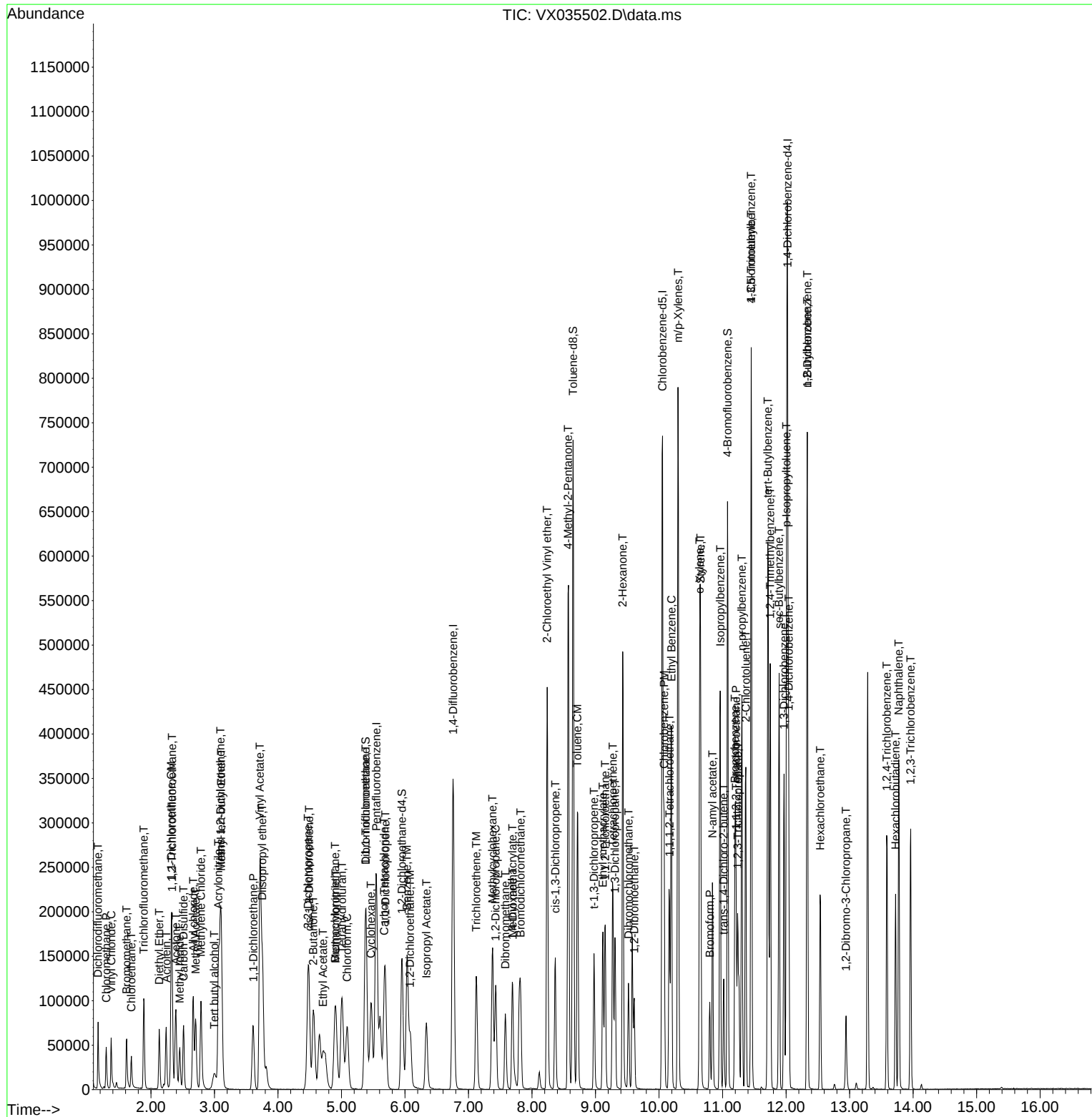
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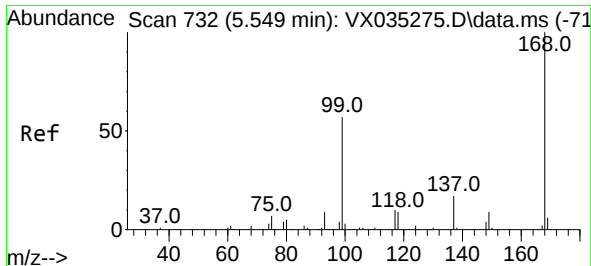
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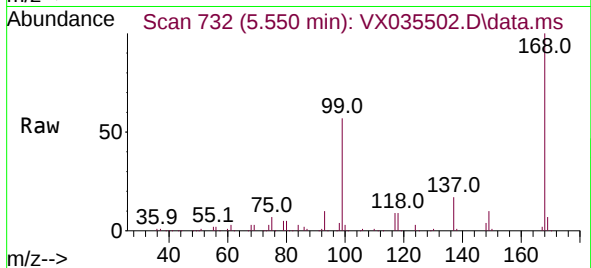
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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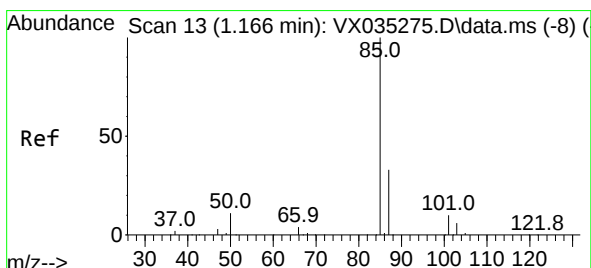
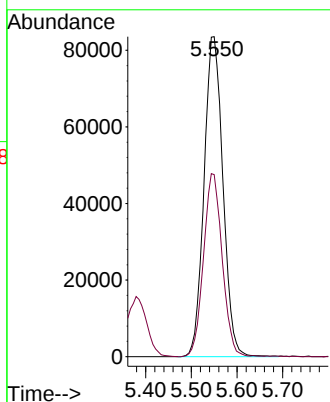
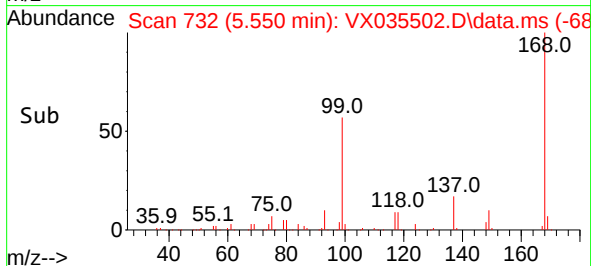
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01



Tgt Ion:168 Resp: 24000
Ion Ratio Lower Upper
168 100
99 56.9 45.7 68.5

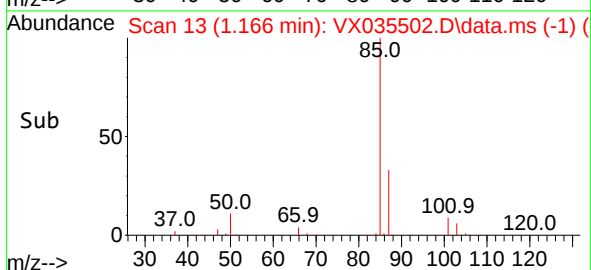
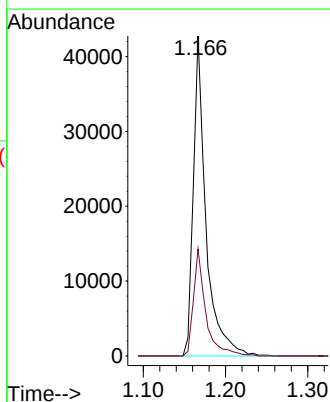
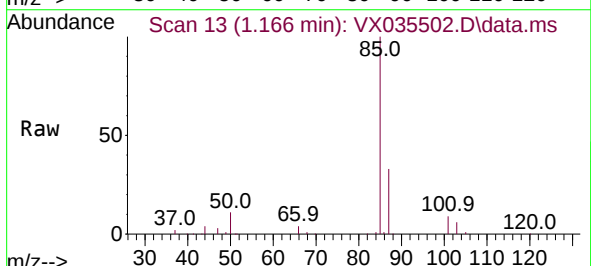
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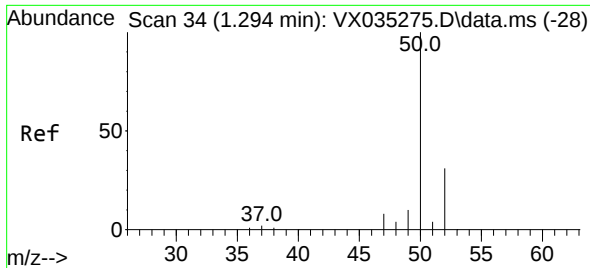
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#2
Dichlorodifluoromethane
Concen: 17.911 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion: 85 Resp: 45485
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.1





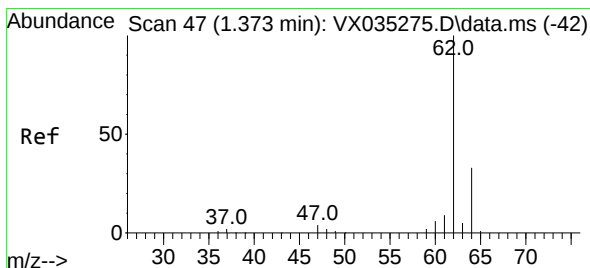
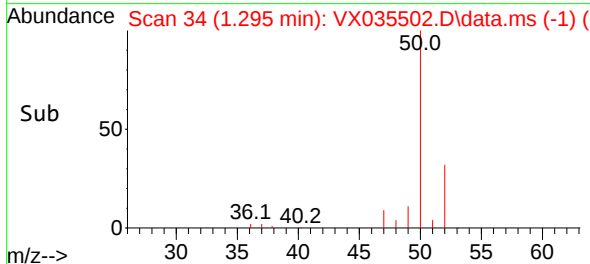
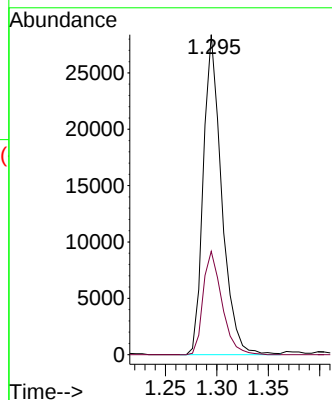
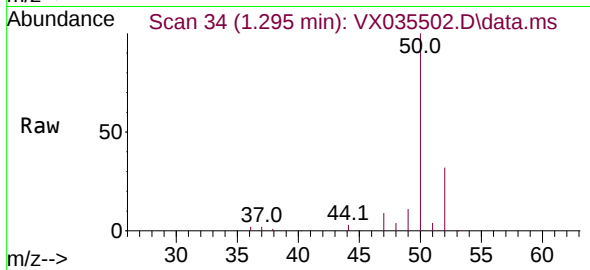
#3
Chloromethane
Concen: 15.292 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035502.D
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Tgt Ion: 50 Resp: 35328
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9

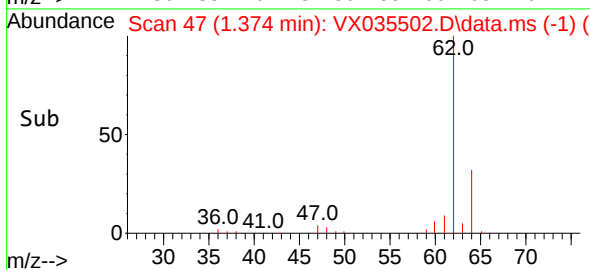
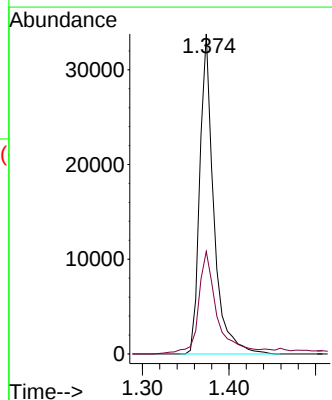
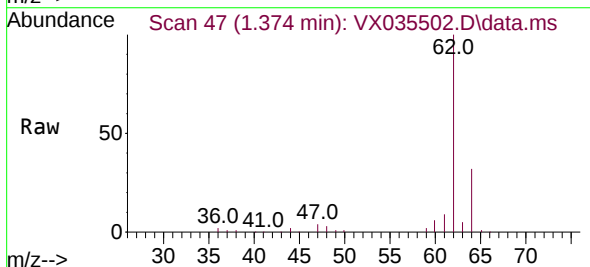
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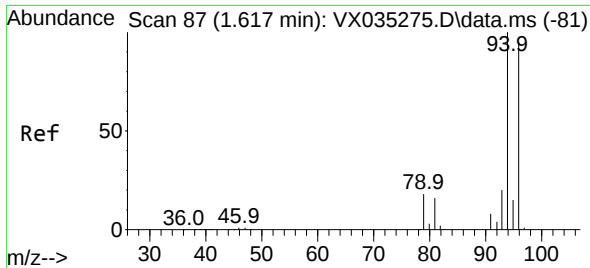
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#4
Vinyl Chloride
Concen: 16.279 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

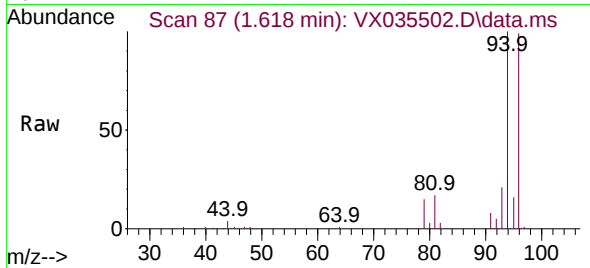
Tgt Ion: 62 Resp: 37719
Ion Ratio Lower Upper
62 100
64 30.8 26.4 39.6





#5
Bromomethane
Concen: 16.379 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

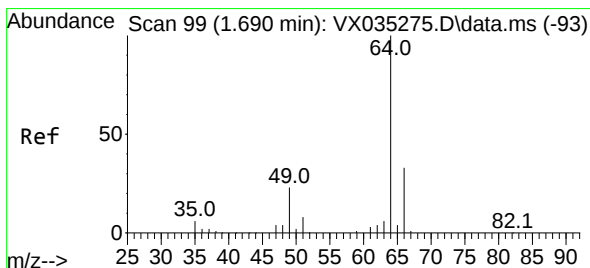
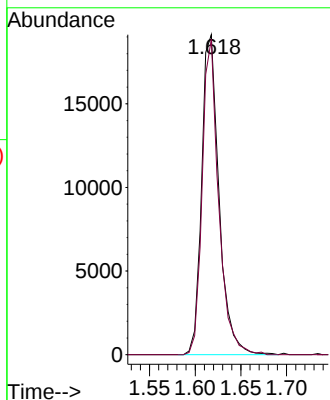
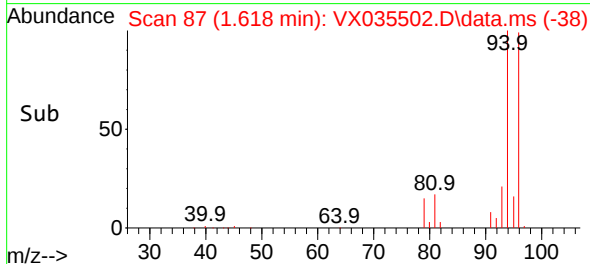
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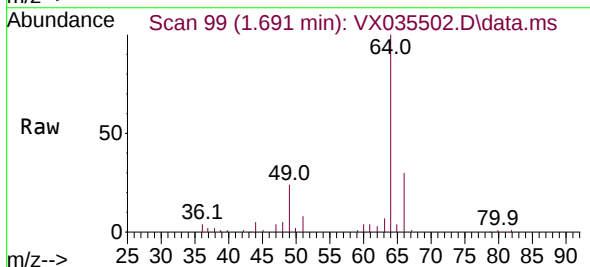
Tgt Ion: 94 Resp: 25224
Ion Ratio Lower Upper
94 100
96 98.6 77.0 115.6

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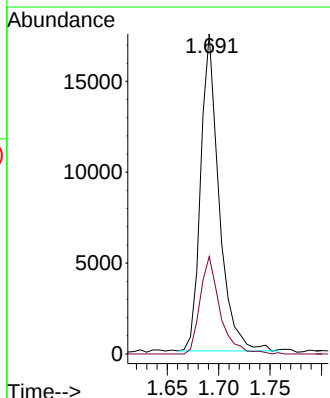
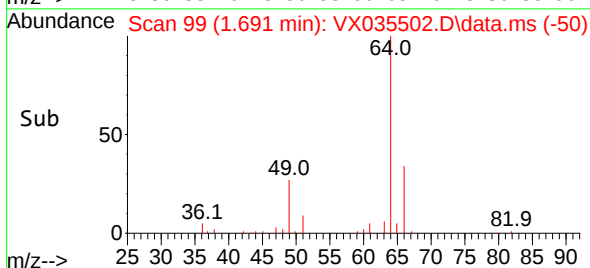
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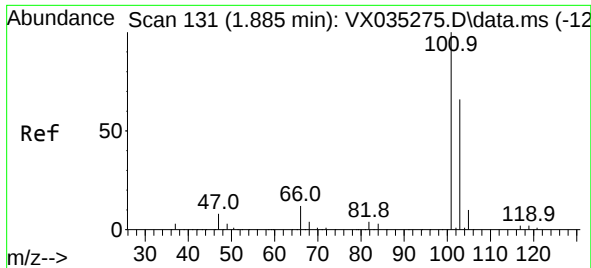


#6
Chloroethane
Concen: 16.026 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



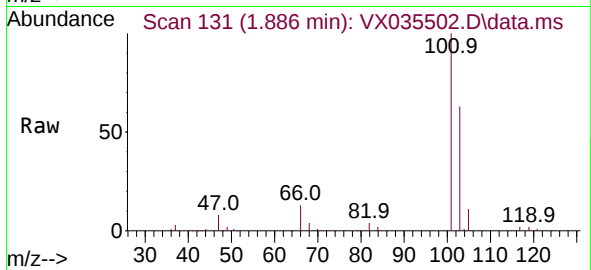
Tgt Ion: 64 Resp: 21718
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 18.085 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035502.D
 Acq: 03 May 2023 12:18

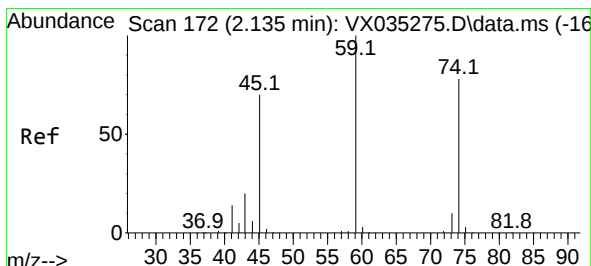
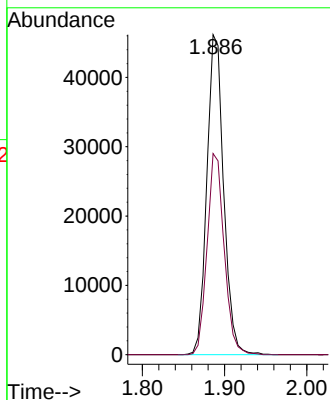
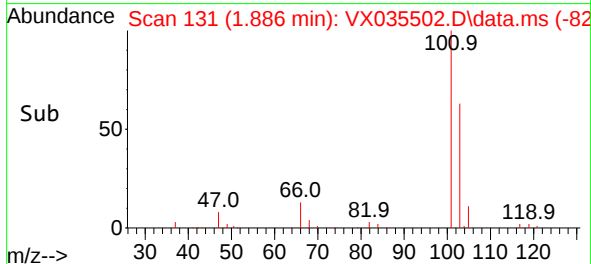
Instrument :
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Tgt Ion:101 Resp: 65528
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.0 78.0

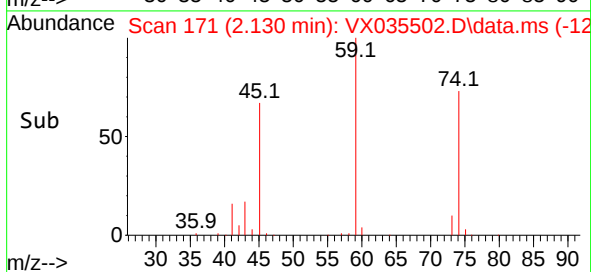
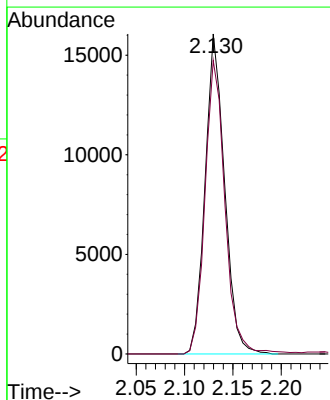
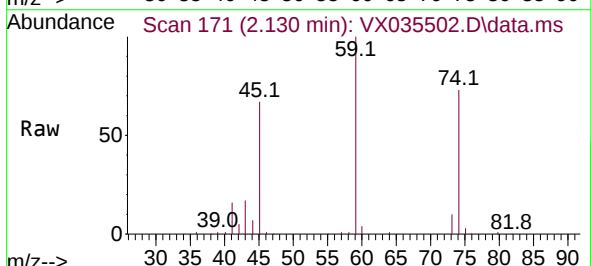
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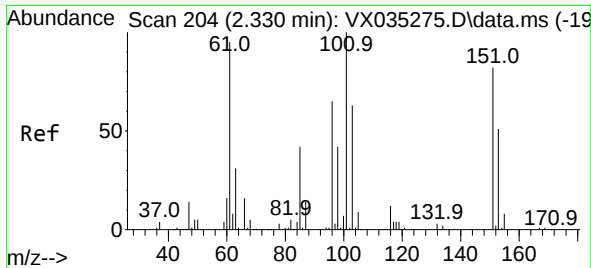
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/04/2023



#8
 Diethyl Ether
 Concen: 17.043 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX035502.D
 Acq: 03 May 2023 12:18

Tgt Ion: 74 Resp: 22516
 Ion Ratio Lower Upper
 74 100
 45 94.3 49.8 149.3





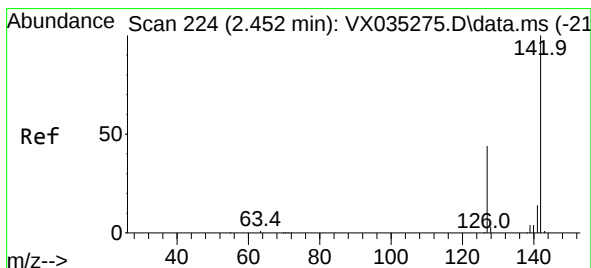
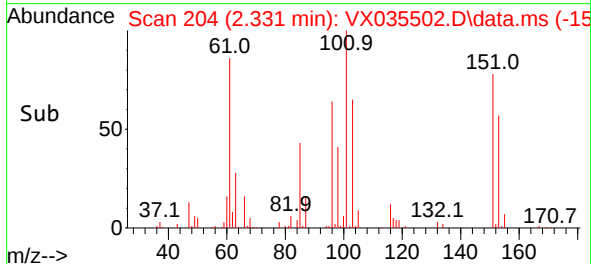
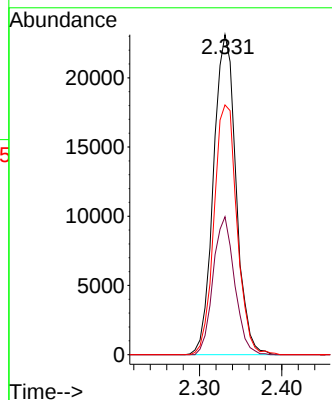
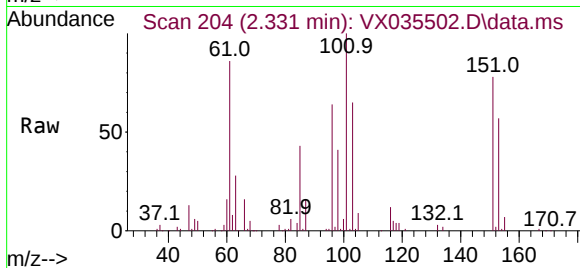
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.203 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01

Tgt Ion:101 Resp: 44054
Ion Ratio Lower Upper
101 100
85 41.0 35.4 53.2
151 79.5 60.2 90.4

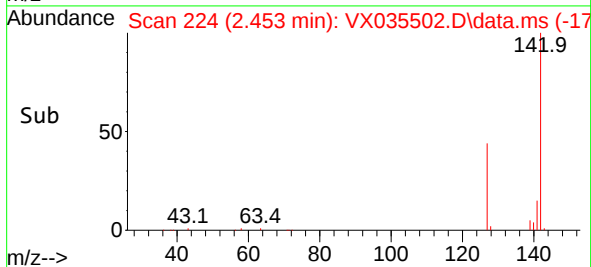
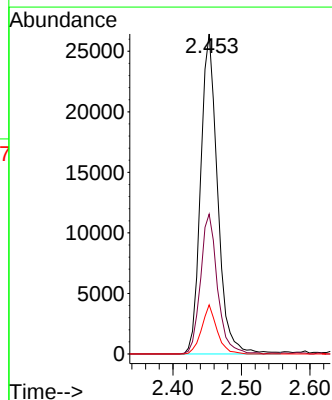
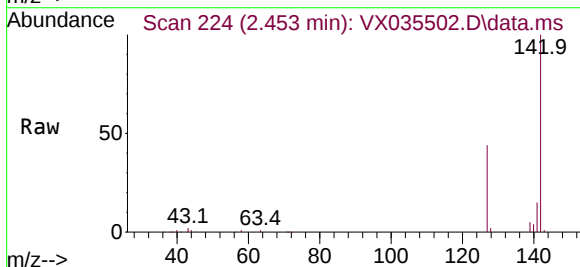
Manual Integrations
APPROVED

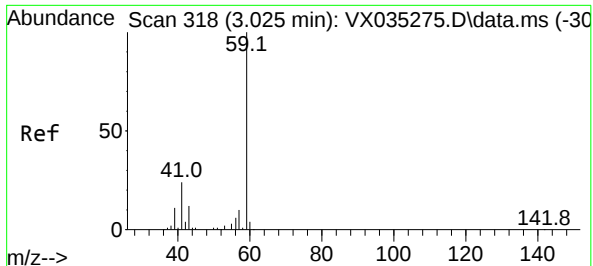
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#10
Methyl Iodide
Concen: 14.923 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion:142 Resp: 45581
Ion Ratio Lower Upper
142 100
127 43.7 34.0 51.0
141 13.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 95.808 ug/l

RT: 2.995 min Scan# 318

Delta R.T. -0.030 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBSD01

Tgt Ion: 59 Resp: 5051

Ion Ratio Lower Upper

59 100

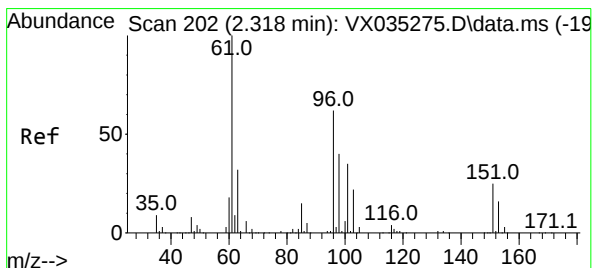
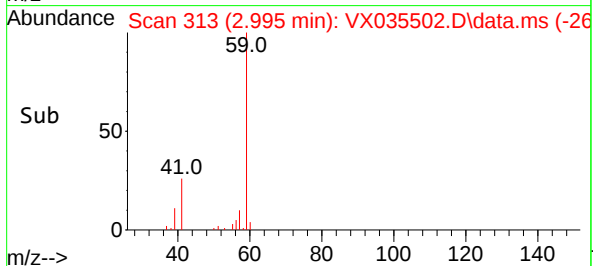
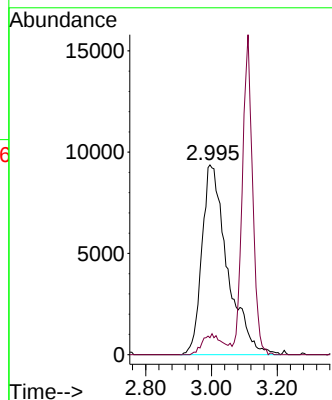
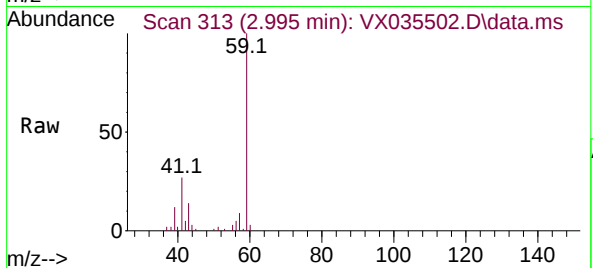
57 8.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#12

1,1-Dichloroethene

Concen: 16.834 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

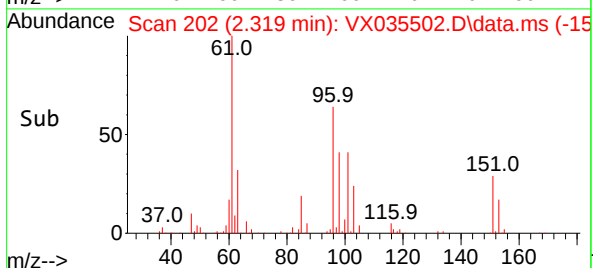
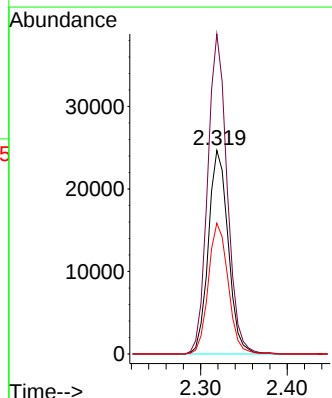
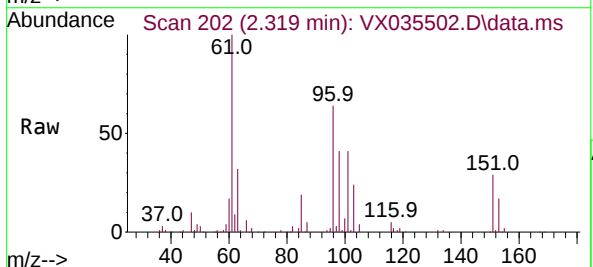
Tgt Ion: 96 Resp: 39241

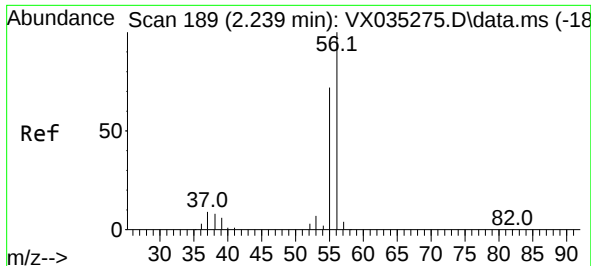
Ion Ratio Lower Upper

96 100

61 157.2 128.8 193.2

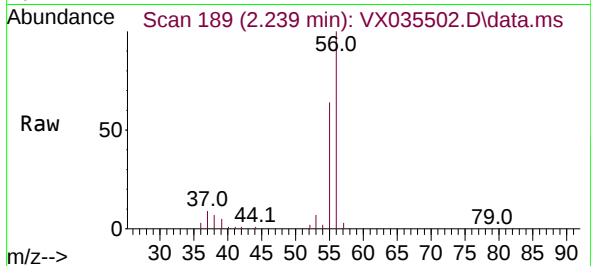
98 64.2 51.4 77.0





#13
Acrolein
Concen: 97.480 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

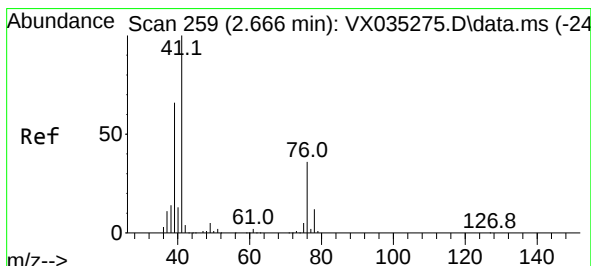
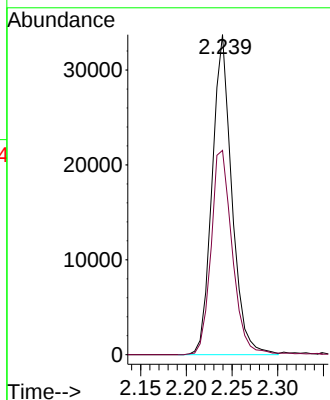
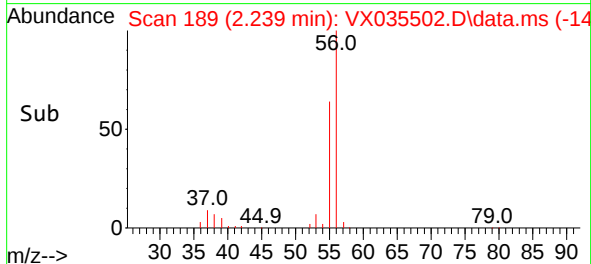
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01



Tgt Ion: 56 Resp: 5054
Ion Ratio Lower Upper
56 100
55 69.0 56.6 85.0

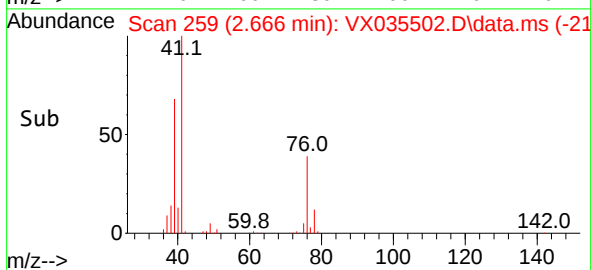
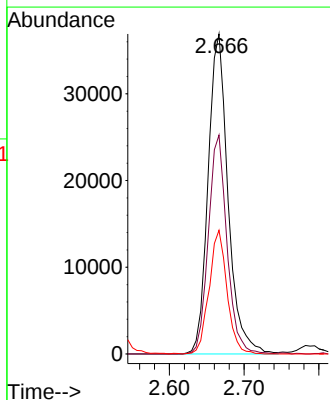
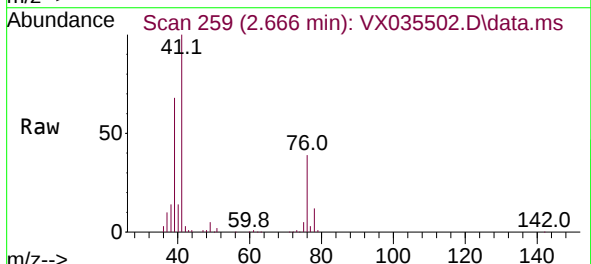
Manual Integrations
APPROVED

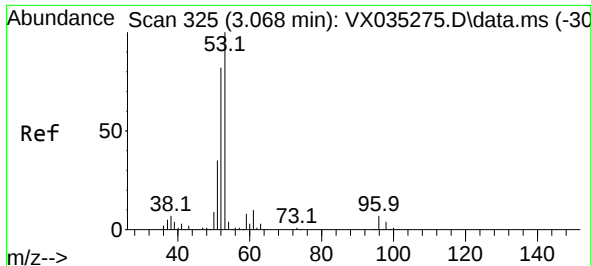
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#14
Allyl chloride
Concen: 16.680 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

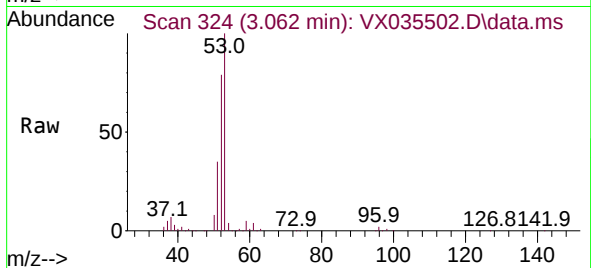
Tgt Ion: 41 Resp: 68424
Ion Ratio Lower Upper
41 100
39 63.9 52.4 78.6
76 34.7 26.0 39.0





#15
Acrylonitrile
Concen: 91.644 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

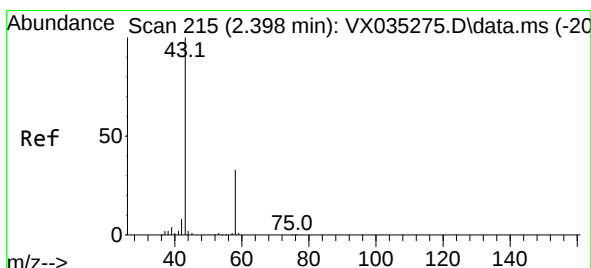
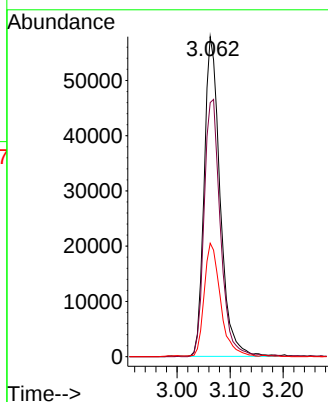
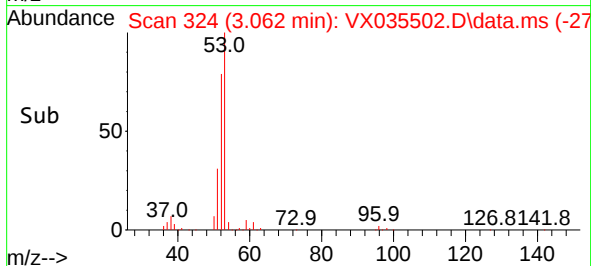
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



Tgt Ion: 53 Resp: 12084
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 35.8 28.3 42.5

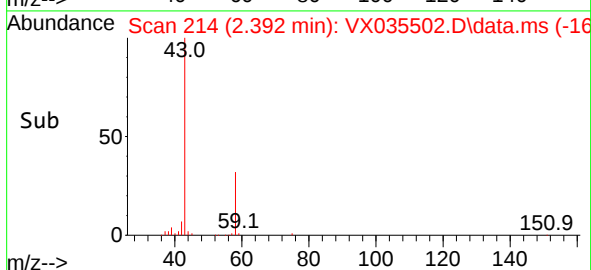
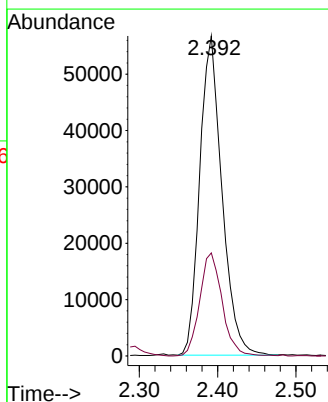
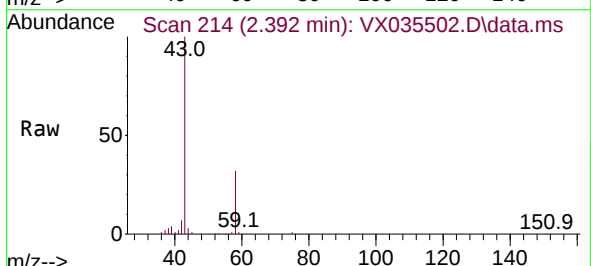
Manual Integrations
APPROVED

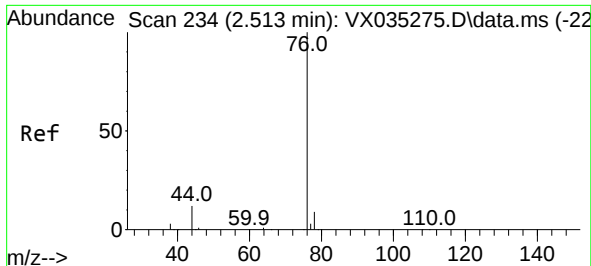
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#16
Acetone
Concen: 88.763 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

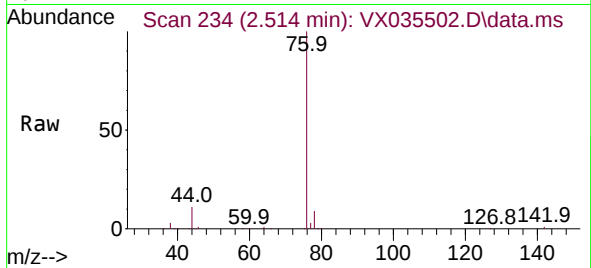
Tgt Ion: 43 Resp: 111625
Ion Ratio Lower Upper
43 100
58 32.2 24.7 37.1





#17
Carbon Disulfide
Concen: 15.575 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

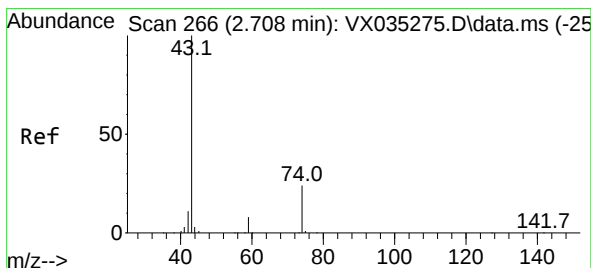
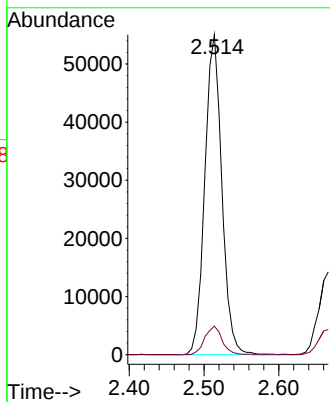
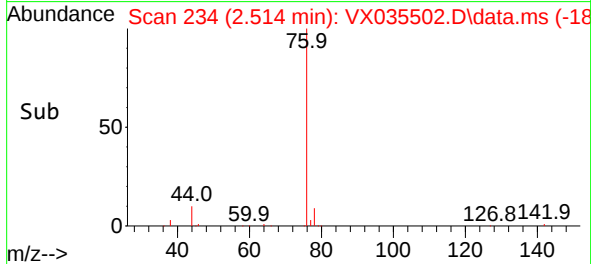
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01



Tgt Ion: 76 Resp: 8703
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

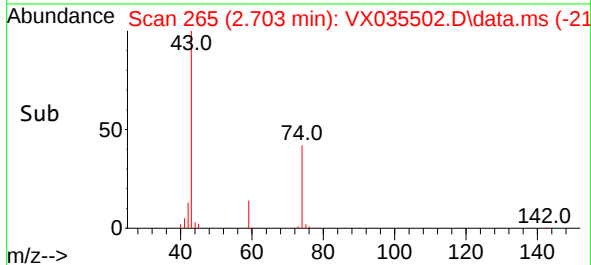
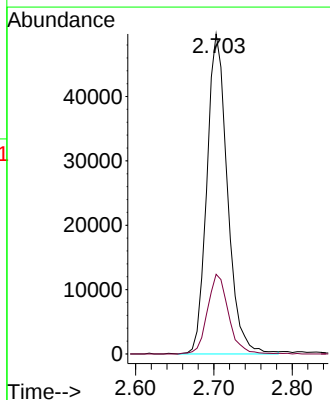
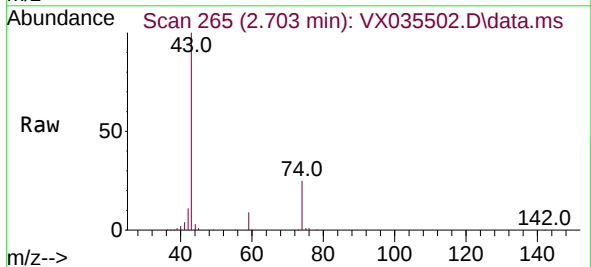
Manual Integrations
APPROVED

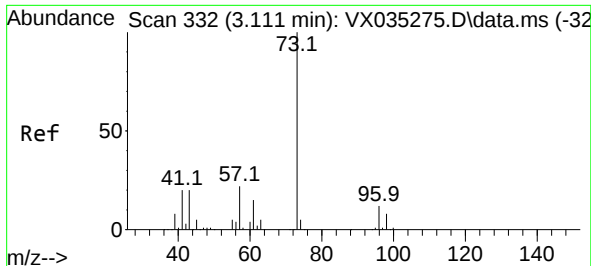
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#18
Methyl Acetate
Concen: 18.635 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

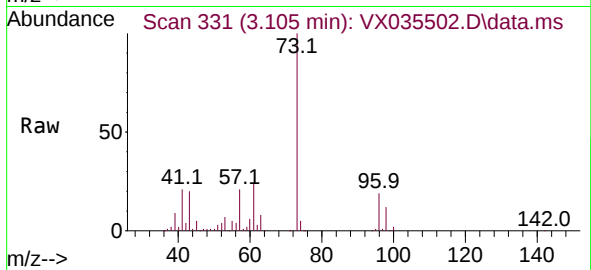
Tgt Ion: 43 Resp: 90623
Ion Ratio Lower Upper
43 100
74 25.4 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 19.481 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

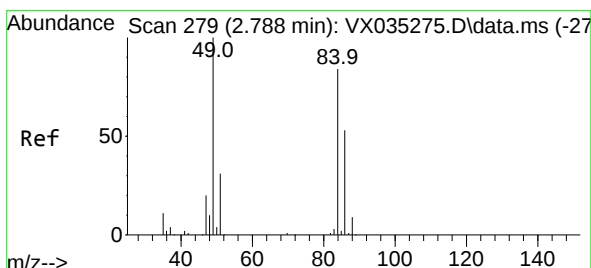
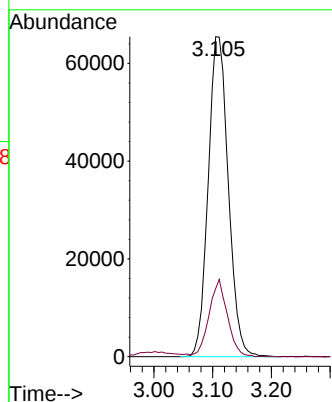
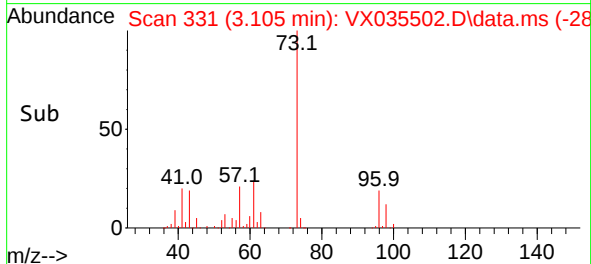
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



Tgt Ion: 73 Resp: 155790
Ion Ratio Lower Upper
73 100
57 21.3 18.5 27.7

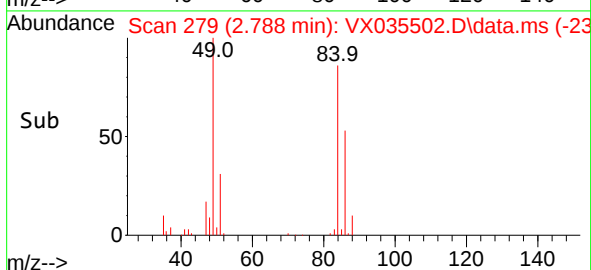
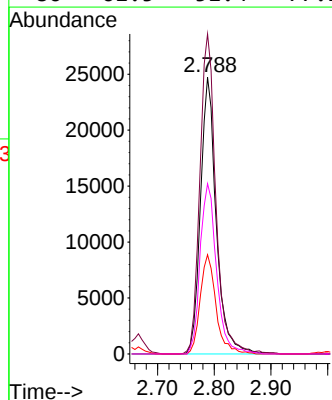
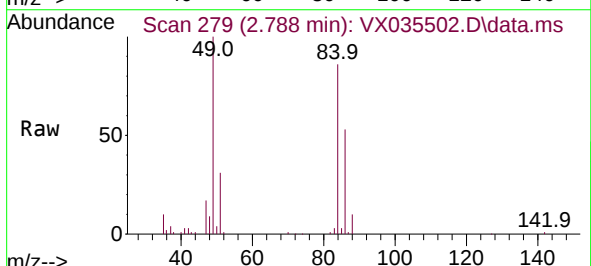
Manual Integrations
APPROVED

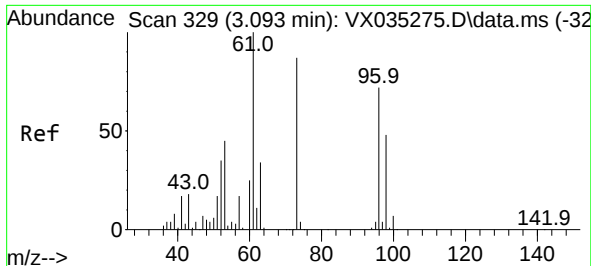
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#20
Methylene Chloride
Concen: 16.633 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

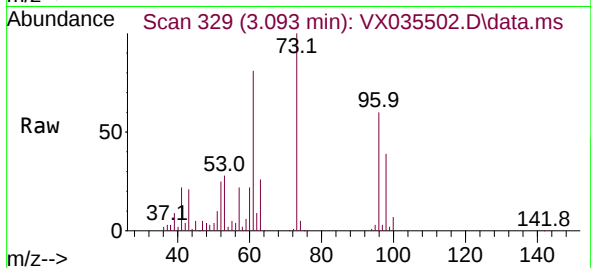
Tgt Ion: 84 Resp: 47962
Ion Ratio Lower Upper
84 100
49 115.7 103.8 155.8
51 35.8 31.8 47.8
86 61.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 17.250 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

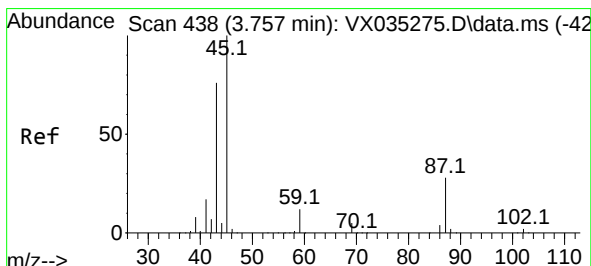
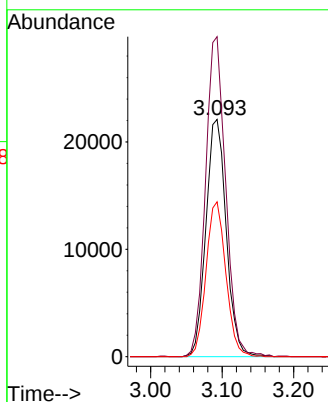
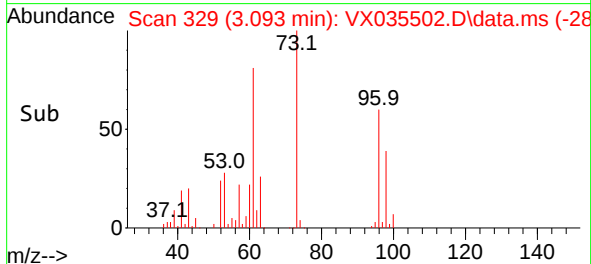
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



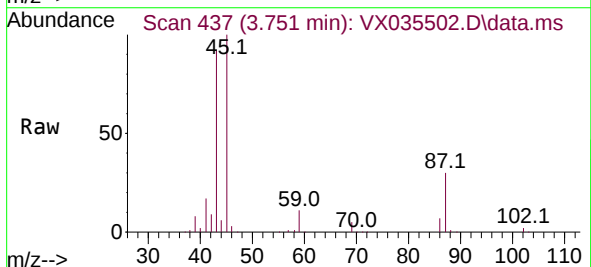
Tgt Ion: 96 Resp: 4367
Ion Ratio Lower Upper
96 100
61 134.9 113.0 169.6
98 65.3 52.1 78.1

Manual Integrations
APPROVED

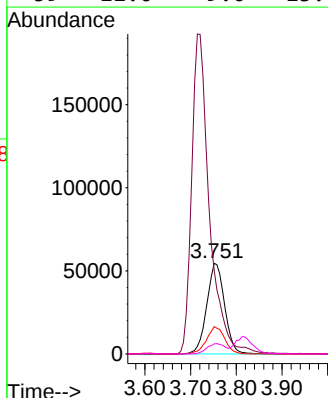
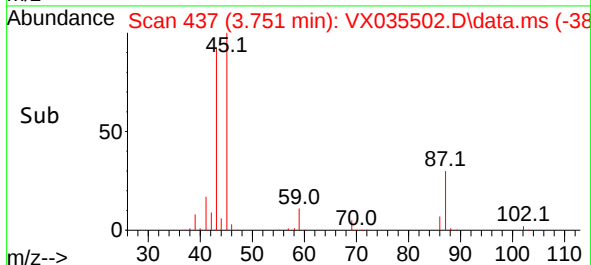
Reviewed By :John Carbone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

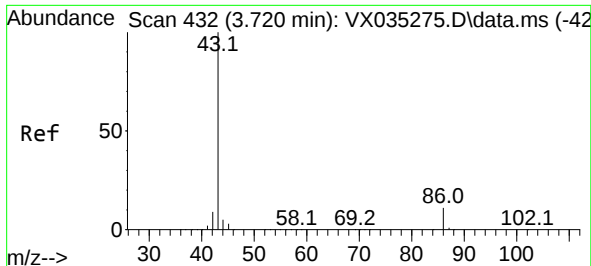


#22
Diisopropyl ether
Concen: 18.198 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



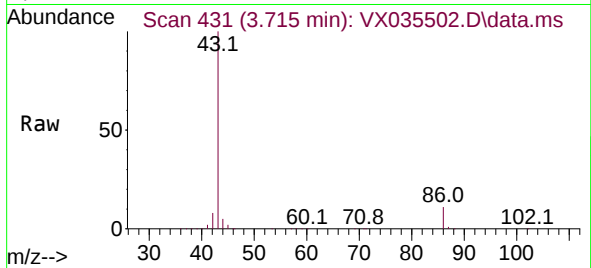
Tgt Ion: 45 Resp: 147727
Ion Ratio Lower Upper
45 100
43 91.7 65.4 98.2
87 30.3 20.6 31.0
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 93.312 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: VX035502.D
 Acq: 03 May 2023 12:18

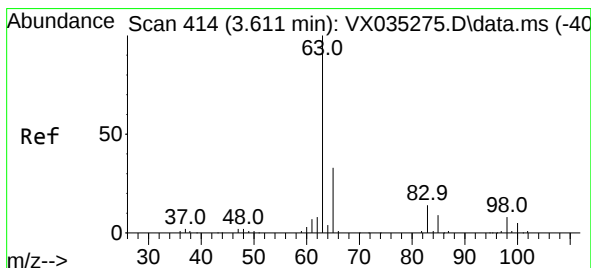
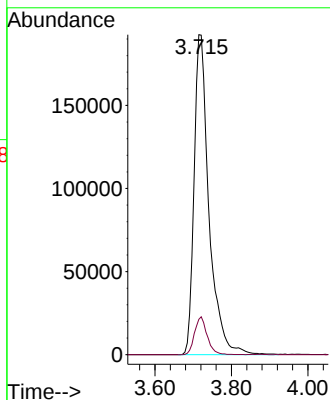
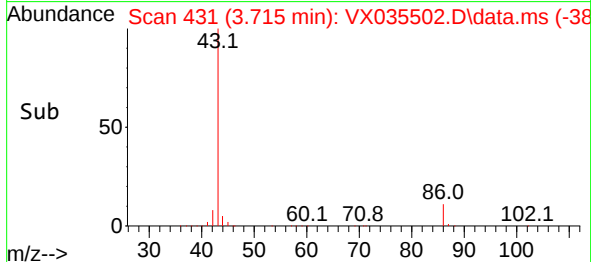
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503MBSD01



Tgt Ion: 43 Resp: 52066
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.5 12.7

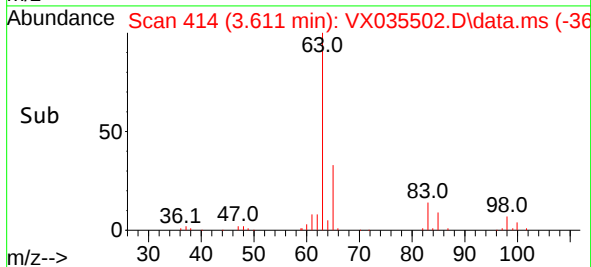
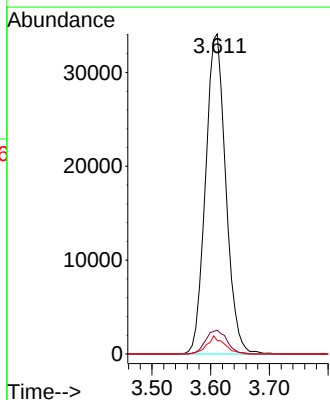
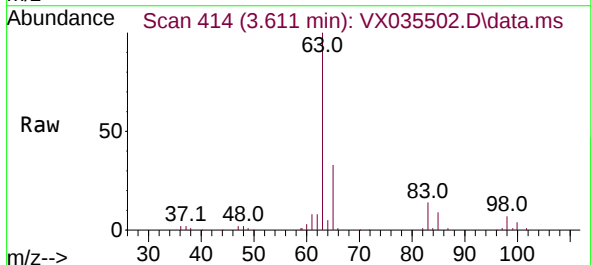
Manual Integrations
 APPROVED

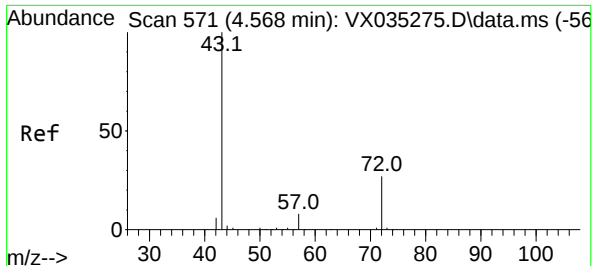
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/04/2023



#24
 1,1-Dichloroethane
 Concen: 17.847 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035502.D
 Acq: 03 May 2023 12:18

Tgt Ion: 63 Resp: 81605
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.2 2.4 7.1





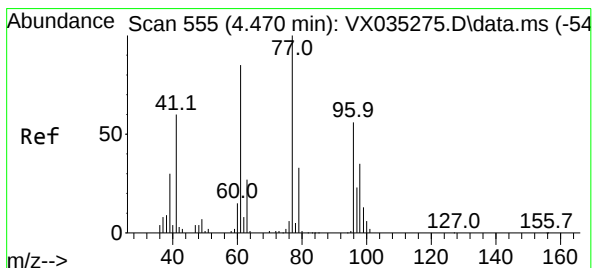
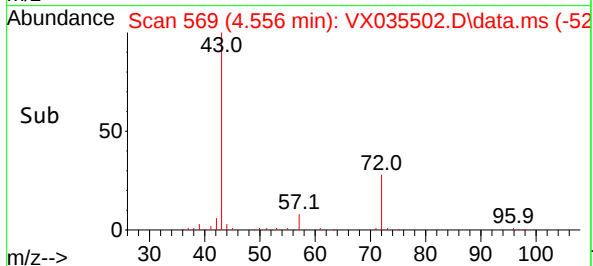
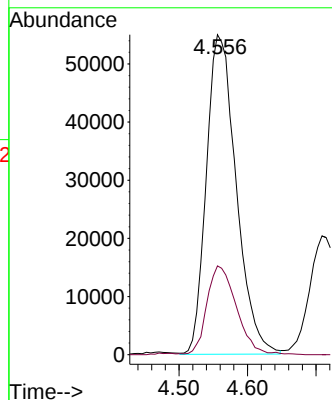
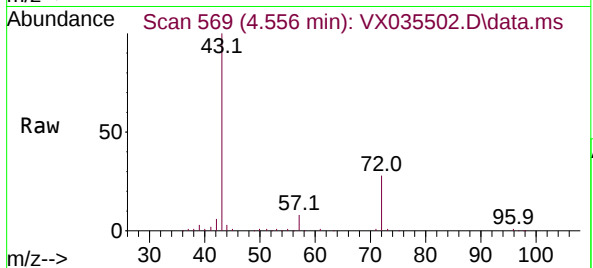
#25
2-Butanone
Concen: 90.708 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01

Tgt Ion: 43 Resp: 16649
Ion Ratio Lower Upper
43 100
72 27.6 19.3 28.9

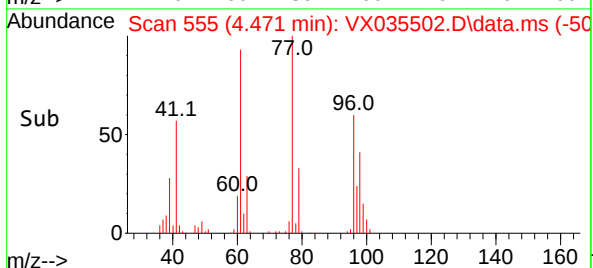
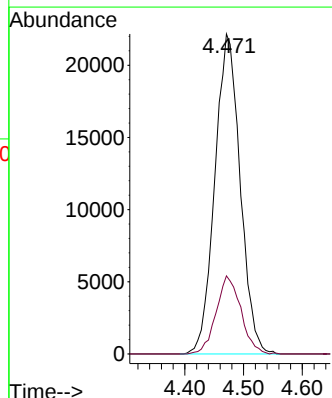
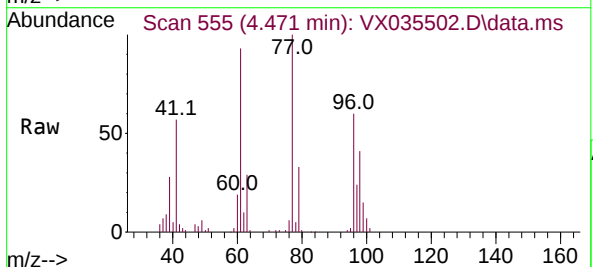
Manual Integrations
APPROVED

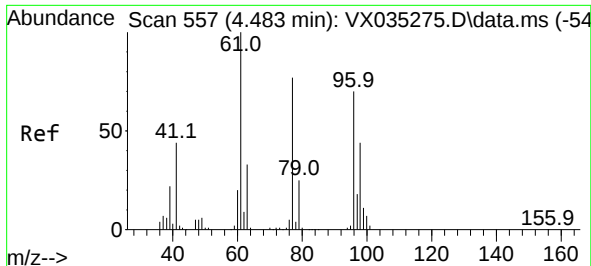
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#26
2,2-Dichloropropane
Concen: 18.495 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion: 77 Resp: 66254
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.035 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBS01

Tgt Ion: 96 Resp: 5367

Ion Ratio Lower Upper

96 100

61 139.3 0.0 300.4

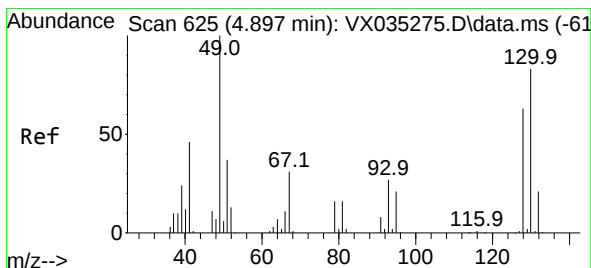
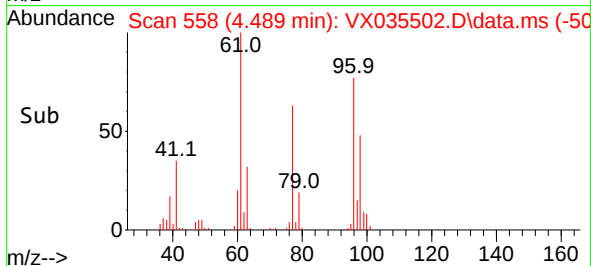
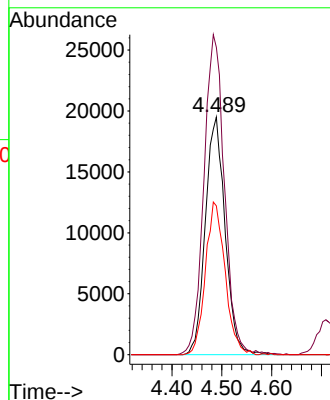
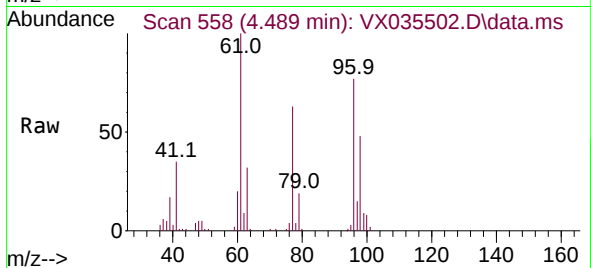
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#28

Bromochloromethane

Concen: 21.327 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

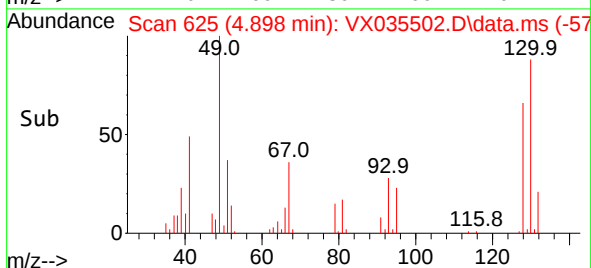
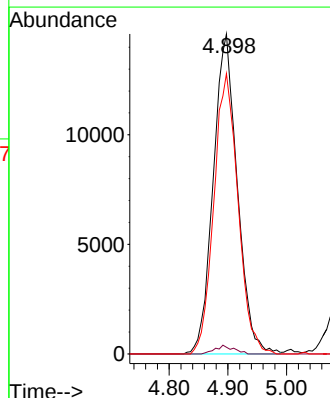
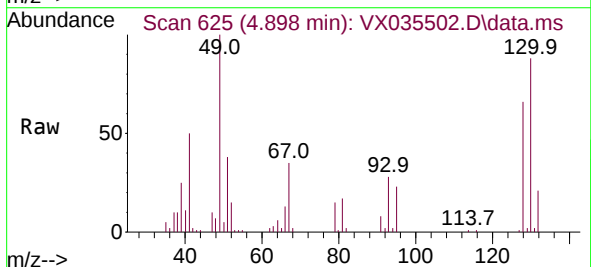
Tgt Ion: 49 Resp: 41557

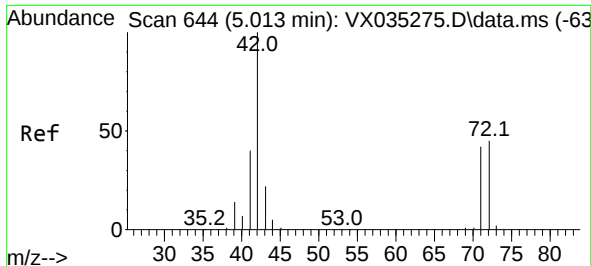
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 87.9 58.2 87.2#





#29

Tetrahydrofuran

Concen: 88.116 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035502.D

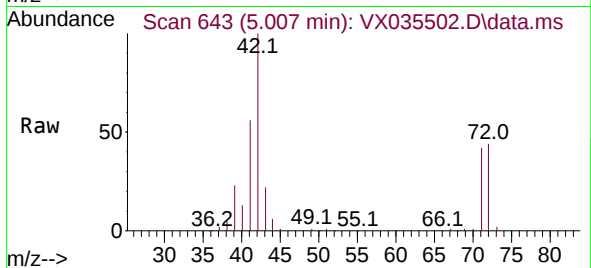
Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBS01



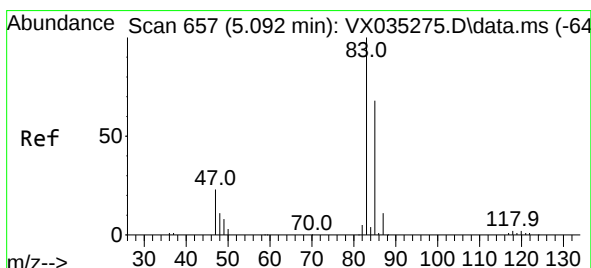
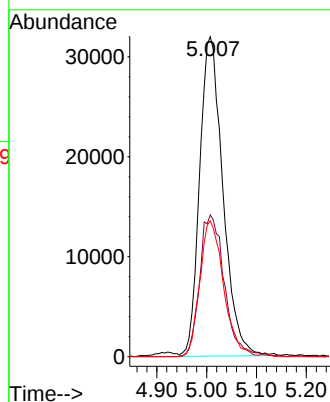
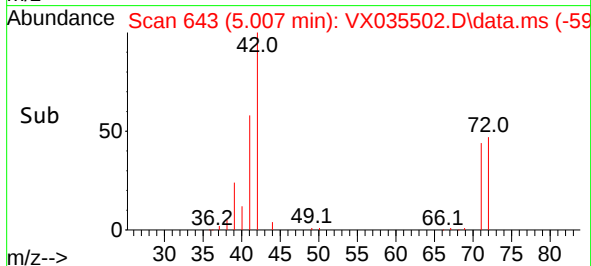
Tgt Ion:	42	Resp:	10368
Ion Ratio	Lower	Upper	
42	100		
72	47.0	34.5	51.7
71	43.3	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#30

Chloroform

Concen: 18.672 ug/l

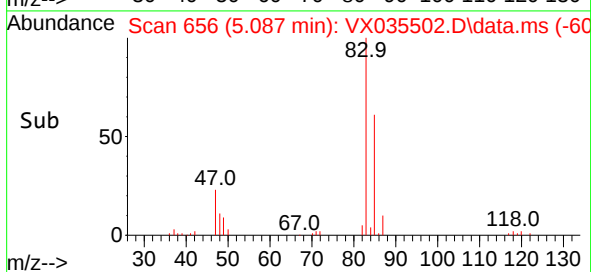
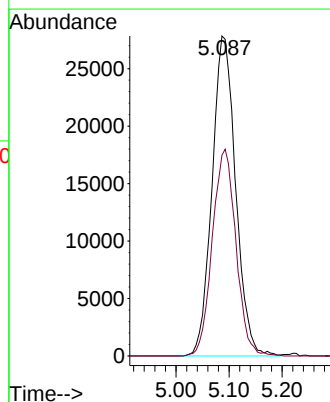
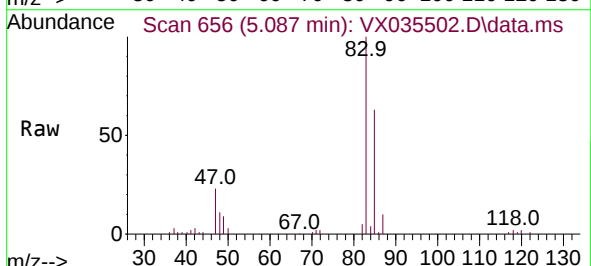
RT: 5.087 min Scan# 656

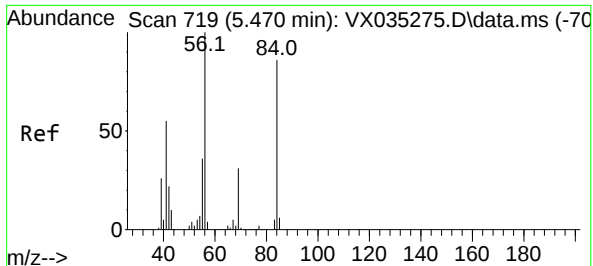
Delta R.T. -0.005 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

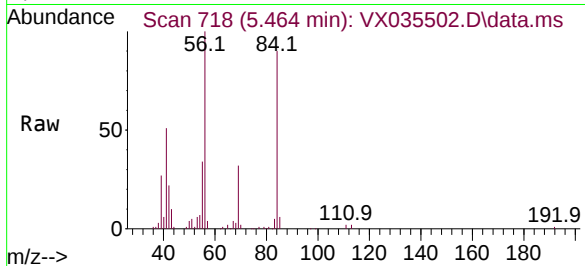
Tgt Ion:	83	Resp:	86187
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.6	76.0





#31
Cyclohexane
Concen: 16.905 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

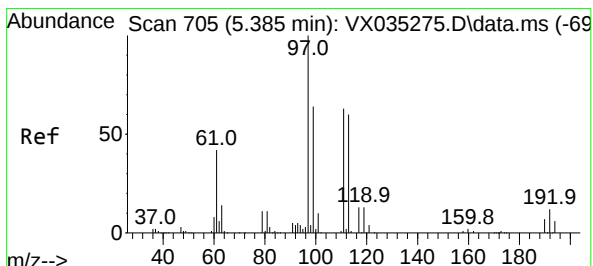
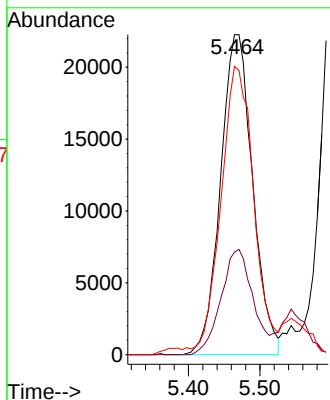
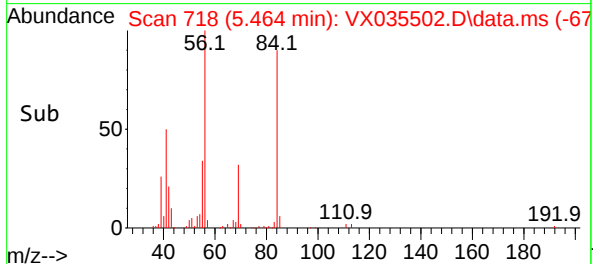
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01



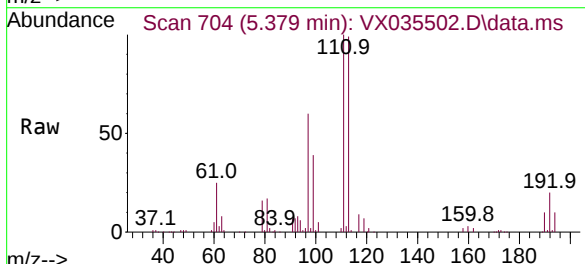
Tgt Ion: 56 Resp: 6943
Ion Ratio Lower Upper
56 100
69 32.1 23.7 35.5
84 88.1 68.5 102.7

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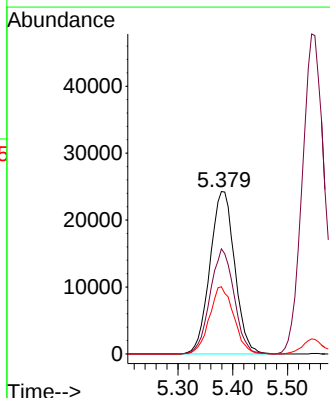
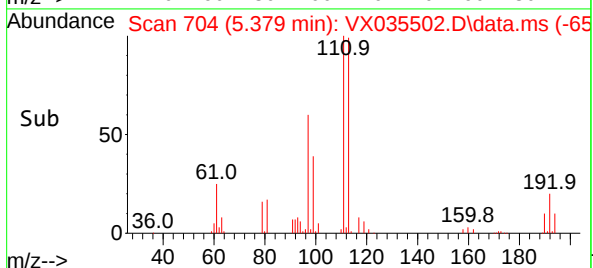
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

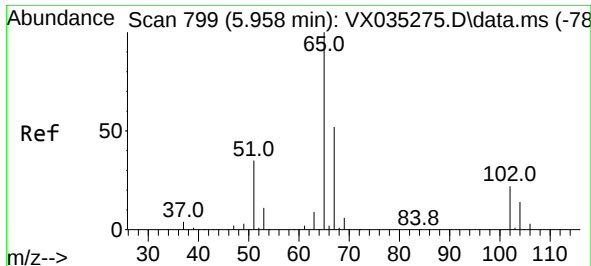


#32
1,1,1-Trichloroethane
Concen: 18.799 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



Tgt Ion: 97 Resp: 76049
Ion Ratio Lower Upper
97 100
99 62.7 51.1 76.7
61 40.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.332 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBSD01

Tgt Ion: 65 Resp: 14284

Ion Ratio Lower Upper

65 100

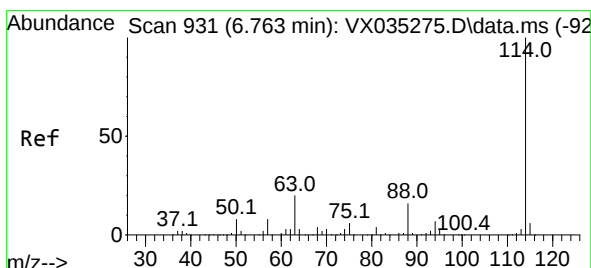
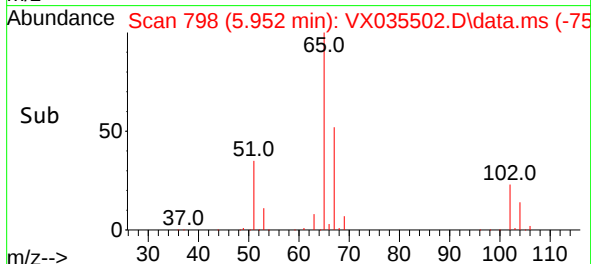
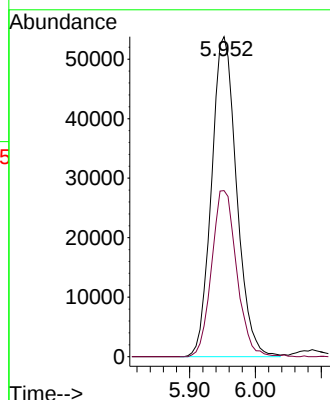
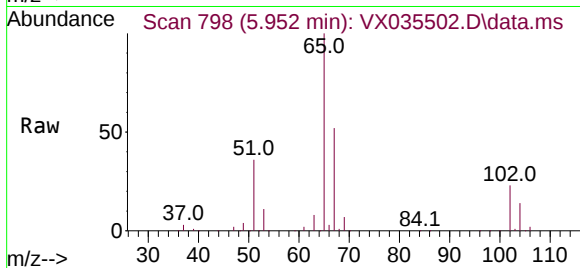
67 51.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

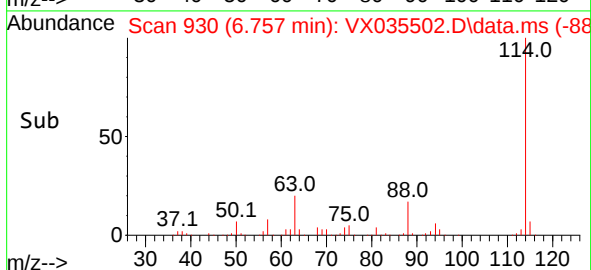
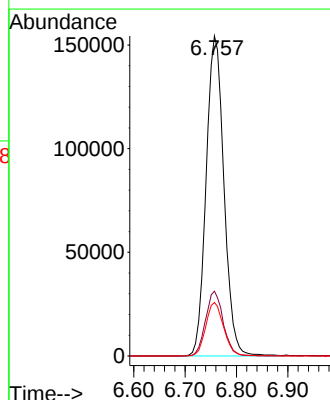
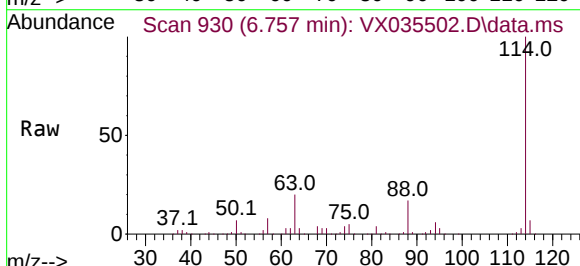
Tgt Ion:114 Resp: 371517

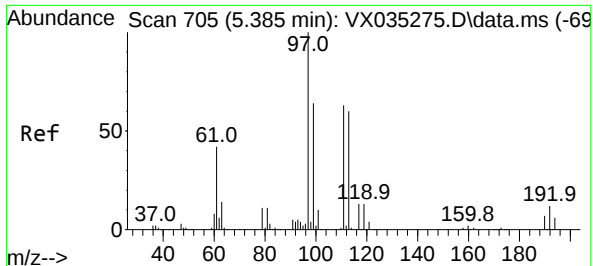
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

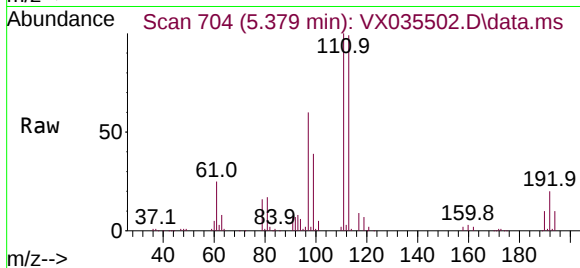
88 16.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.176 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

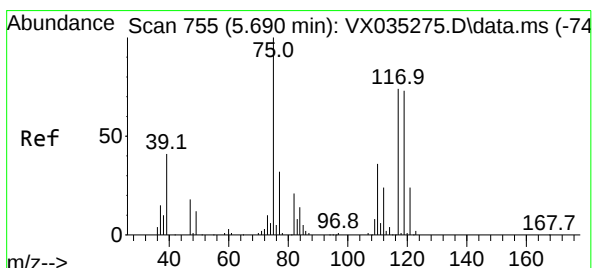
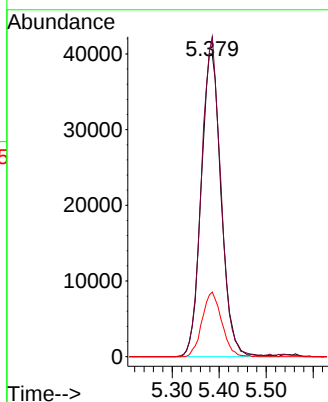
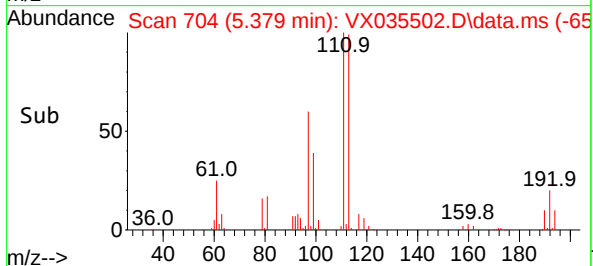
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



Tgt Ion: 113 Resp: 118970
Ion Ratio Lower Upper
113 100
111 101.4 83.7 125.5
192 20.8 15.4 23.2

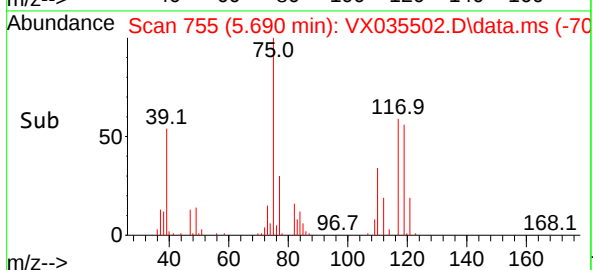
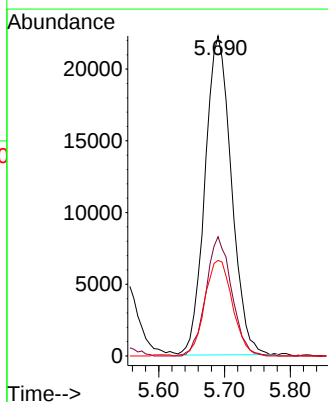
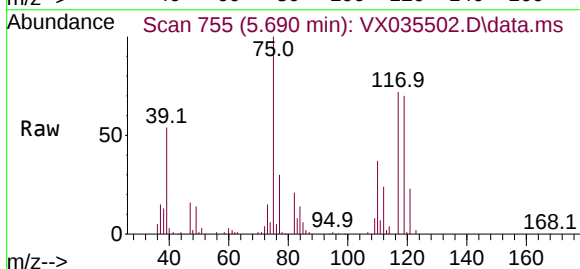
Manual Integrations
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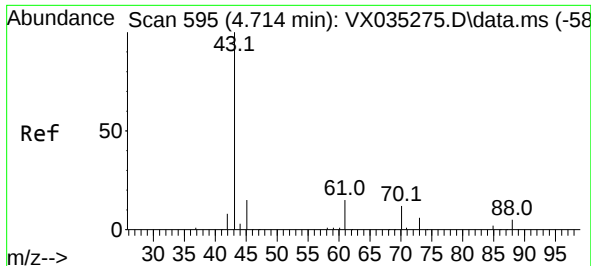
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#36
1,1-Dichloropropene
Concen: 17.483 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion: 75 Resp: 62247
Ion Ratio Lower Upper
75 100
110 36.5 17.5 52.5
77 31.4 24.3 36.5





#37

Ethyl Acetate

Concen: 18.893 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.005 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBSD01

Tgt Ion: 43 Resp: 61440

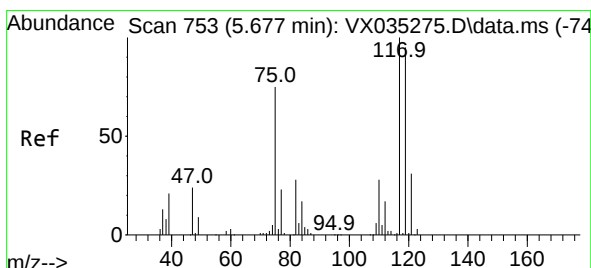
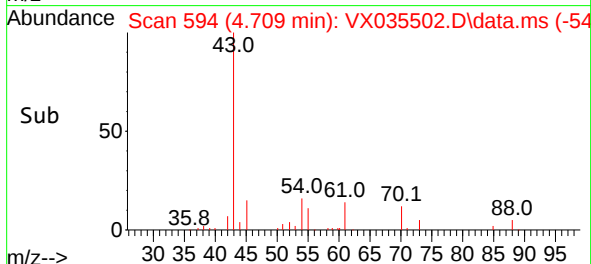
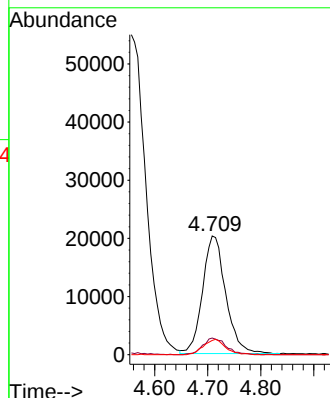
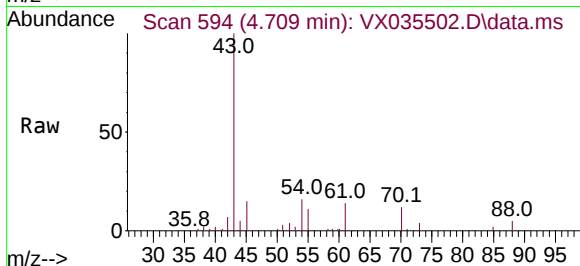
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	12.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#38

Carbon Tetrachloride

Concen: 18.994 ug/l

RT: 5.672 min Scan# 752

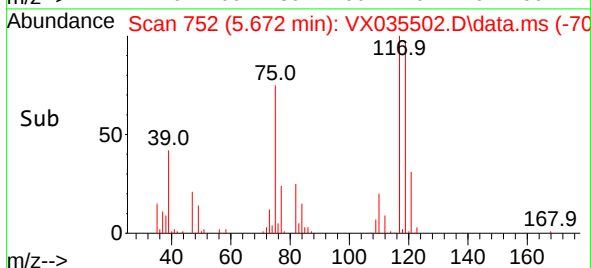
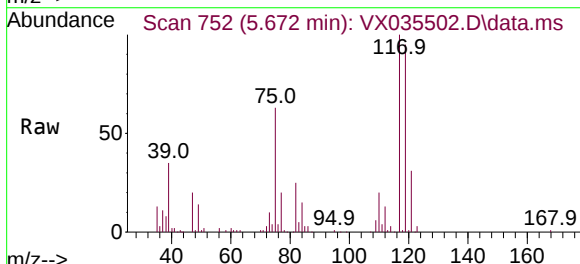
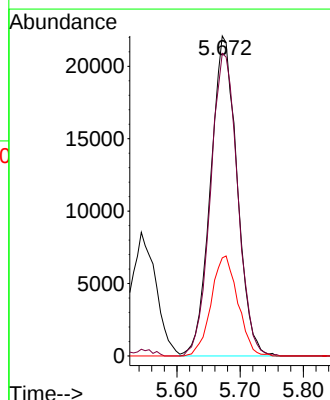
Delta R.T. -0.005 min

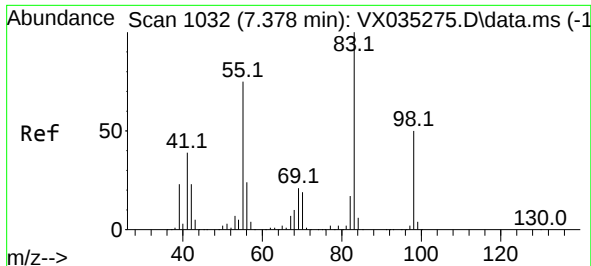
Lab File: VX035502.D

Acq: 03 May 2023 12:18

Tgt Ion:117 Resp: 64201

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	114.8
121	30.6	23.8	35.6





#39

Methylcyclohexane

Concen: 17.449 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBSD01

Tgt Ion: 83 Resp: 75620

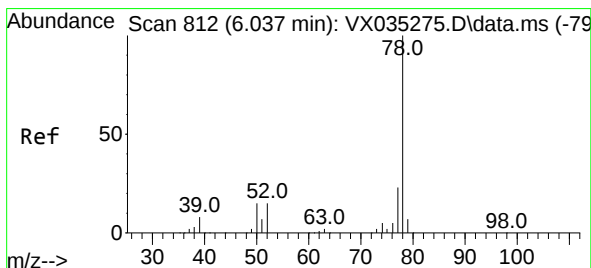
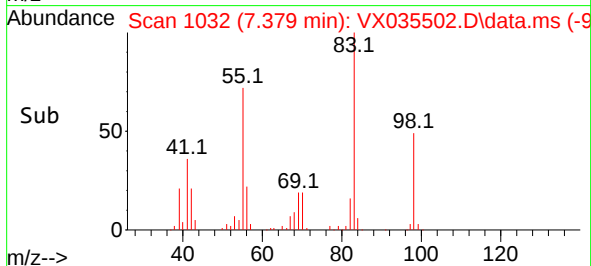
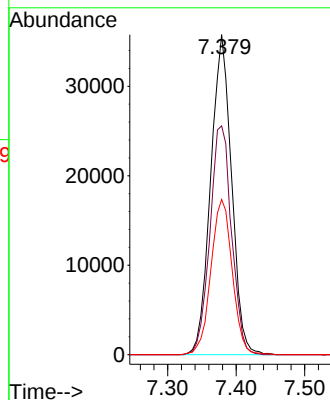
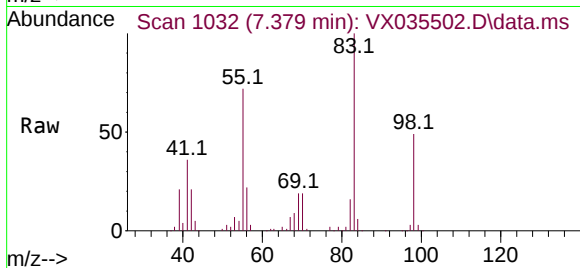
Ion	Ratio	Lower	Upper
83	100		
55	71.5	60.5	90.7
98	48.5	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#40

Benzene

Concen: 18.246 ug/l

RT: 6.031 min Scan# 811

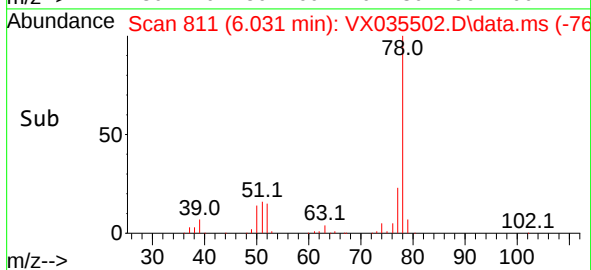
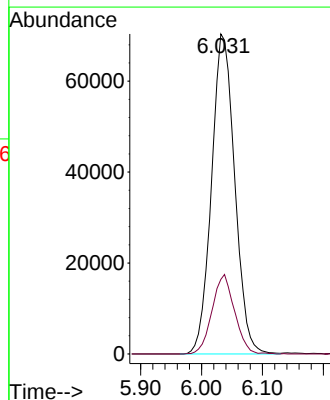
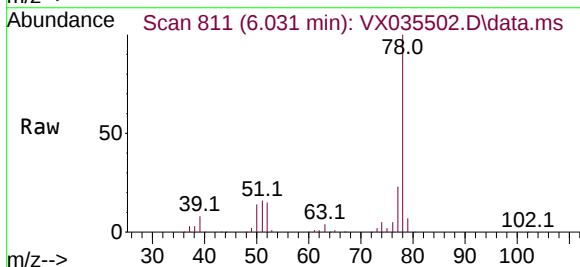
Delta R.T. -0.006 min

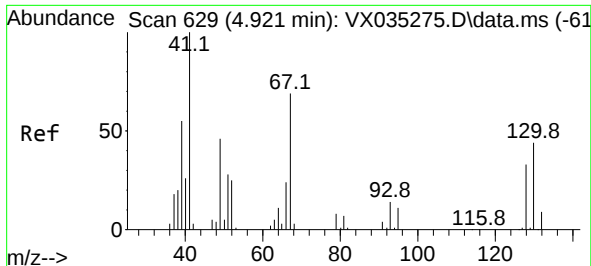
Lab File: VX035502.D

Acq: 03 May 2023 12:18

Tgt Ion: 78 Resp: 186358

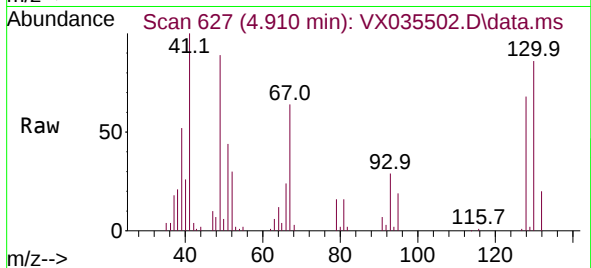
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41
Methacrylonitrile
Concen: 18.755 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.011 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

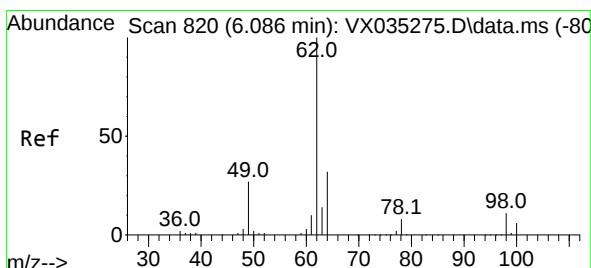
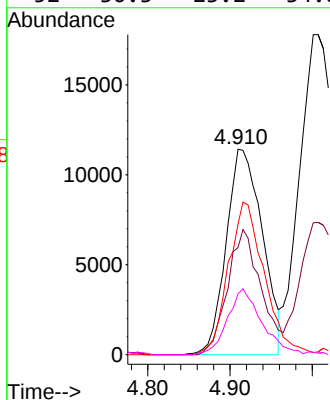
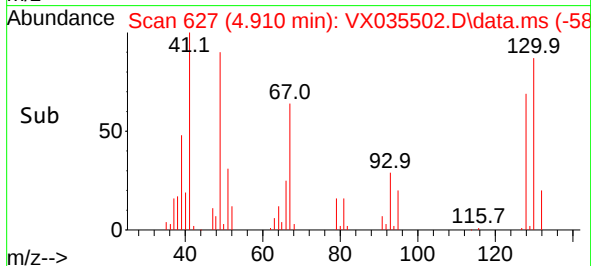
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



Tgt Ion:	41	Resp:	3494
Ion Ratio	Lower	Upper	
41	100		
39	56.8	45.0	67.6
67	73.7	55.6	83.4
52	30.3	23.2	34.8

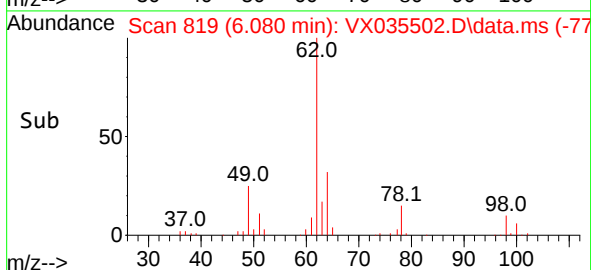
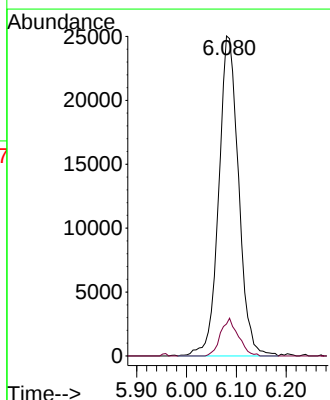
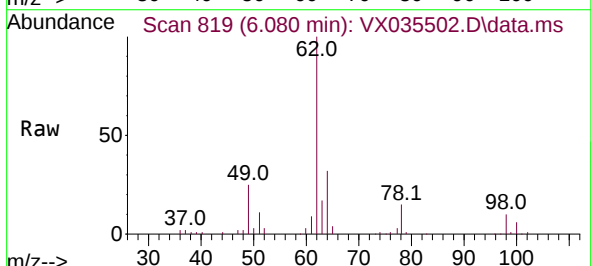
Manual Integrations
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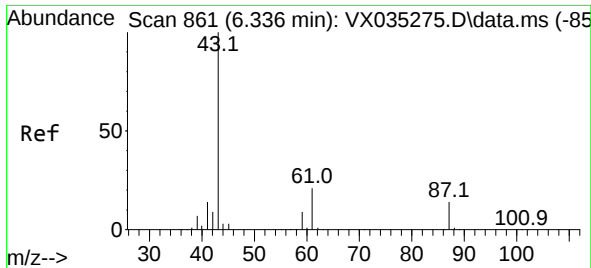
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#42
1,2-Dichloroethane
Concen: 18.999 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

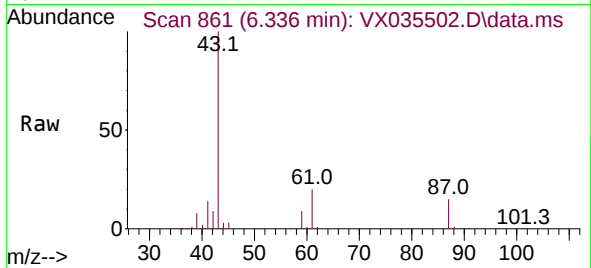
Tgt Ion:	62	Resp:	69188
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	18.0





#43
Isopropyl Acetate
Concen: 19.229 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

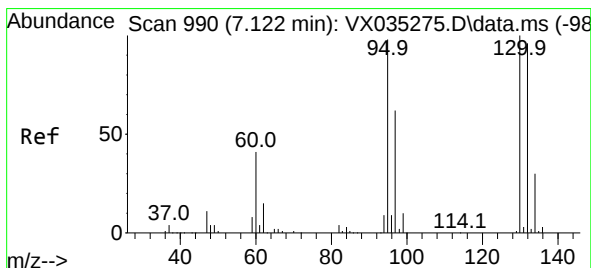
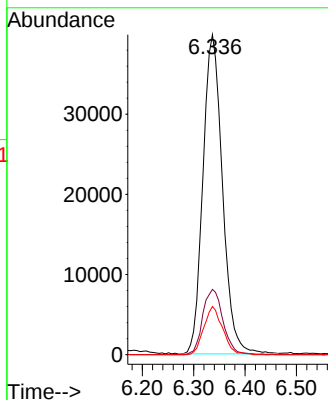
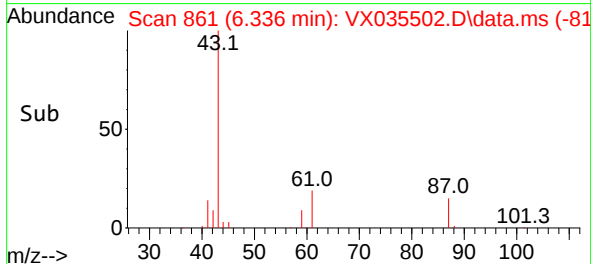
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01



Tgt Ion: 43 Resp: 105072
Ion Ratio Lower Upper
43 100
61 21.3 15.2 22.8
87 14.5 9.8 14.8

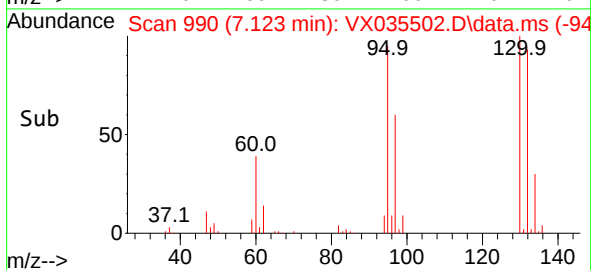
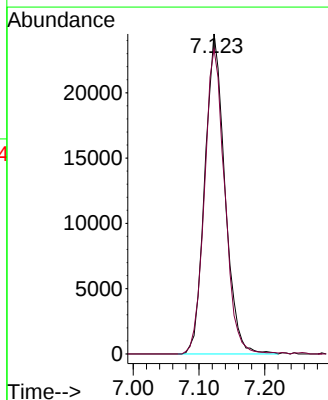
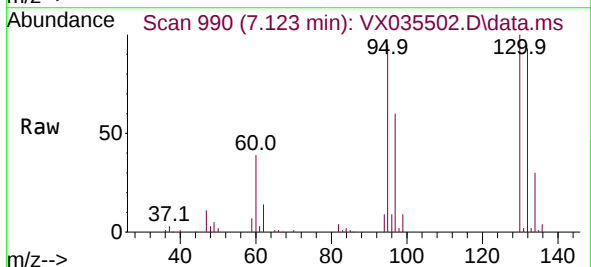
Manual Integrations
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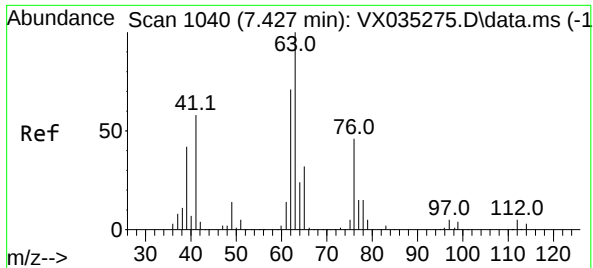
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#44
Trichloroethene
Concen: 18.480 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion:130 Resp: 51998
Ion Ratio Lower Upper
130 100
95 95.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 18.826 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBSD01

Tgt Ion: 63 Resp: 4847

Ion Ratio Lower Upper

63 100

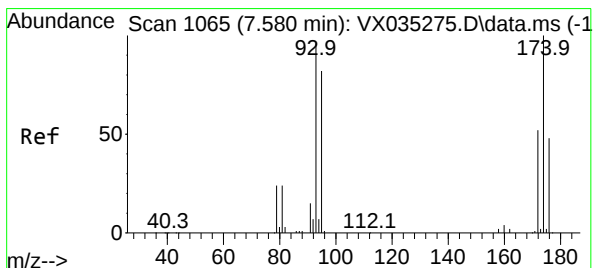
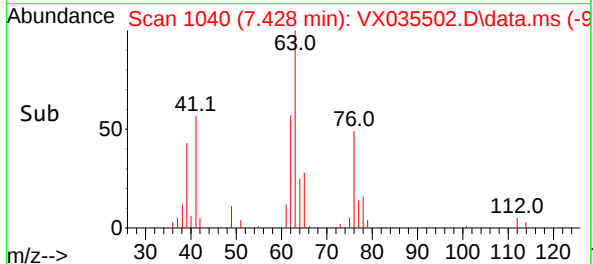
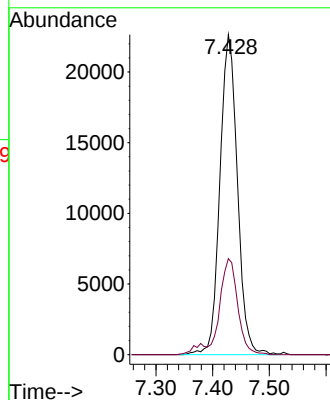
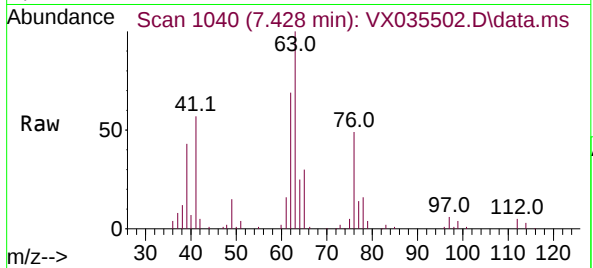
65 30.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#46

Dibromomethane

Concen: 19.230 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

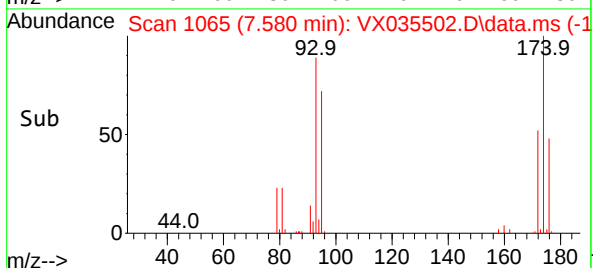
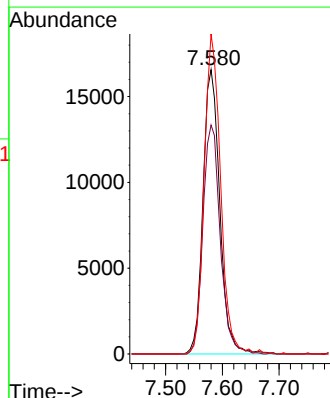
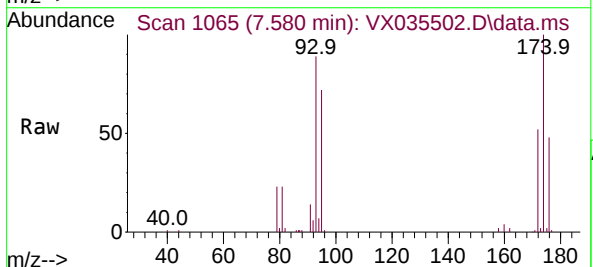
Tgt Ion: 93 Resp: 34005

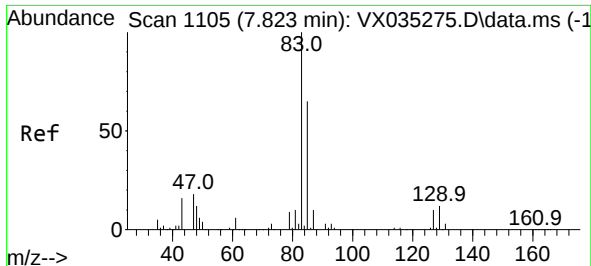
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

174 109.6 75.4 113.0





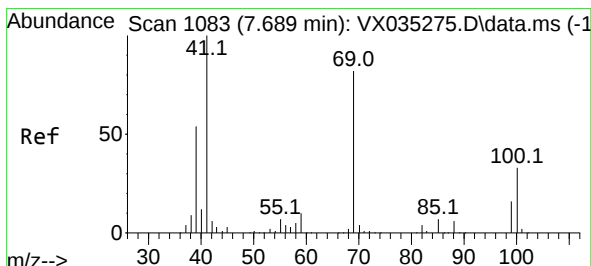
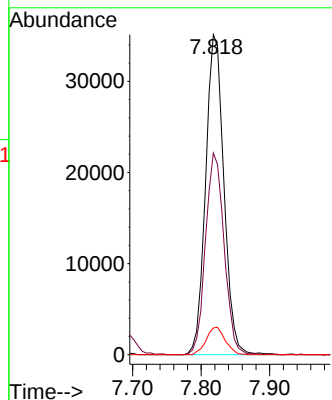
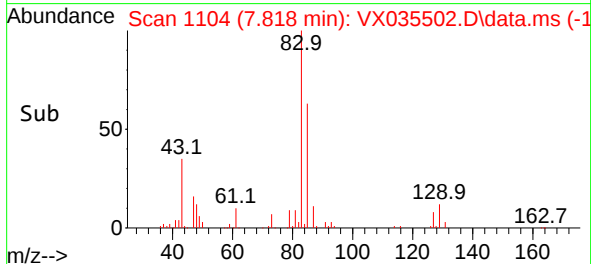
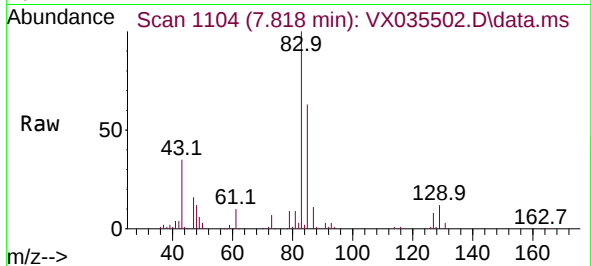
#47
Bromodichloromethane
Concen: 20.002 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01

Tgt Ion: 83 Resp: 6516
Ion Ratio Lower Upper
83 100
85 63.0 52.2 78.4
127 8.4 6.6 9.8

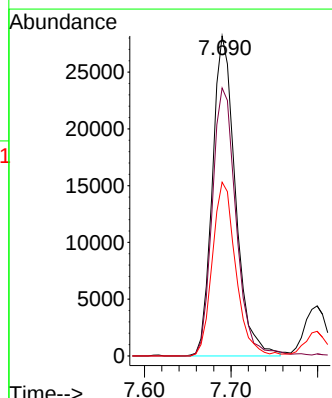
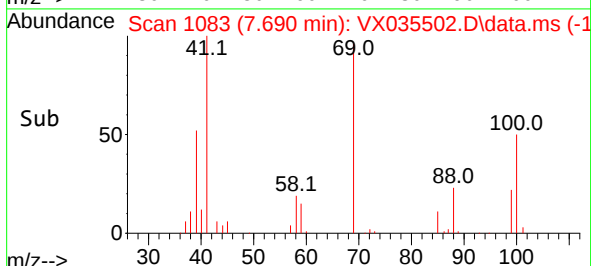
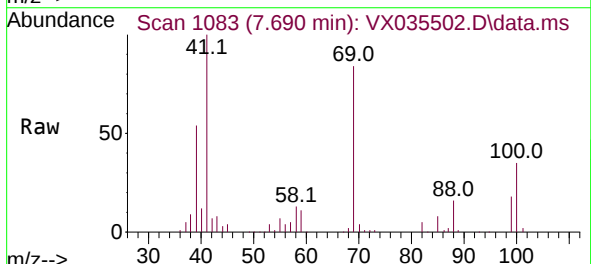
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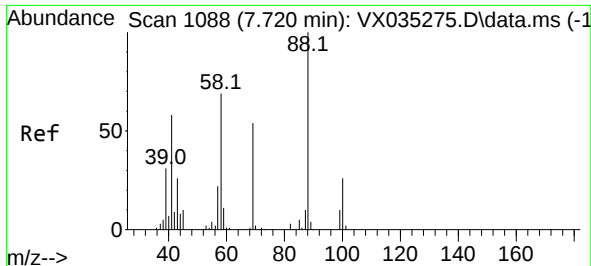
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#48
Methyl methacrylate
Concen: 19.474 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion: 41 Resp: 52198
Ion Ratio Lower Upper
41 100
69 86.3 62.2 93.4
39 55.1 47.7 71.5





#49

1,4-Dioxane

Concen: 372.250 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.024 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBSD01

Tgt Ion: 88 Resp: 2432

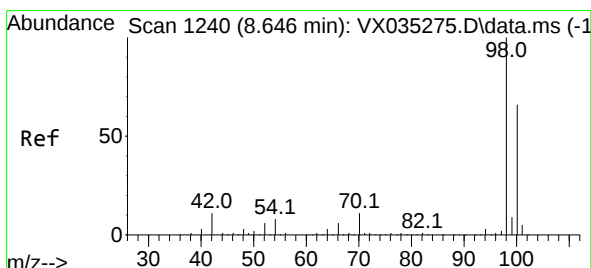
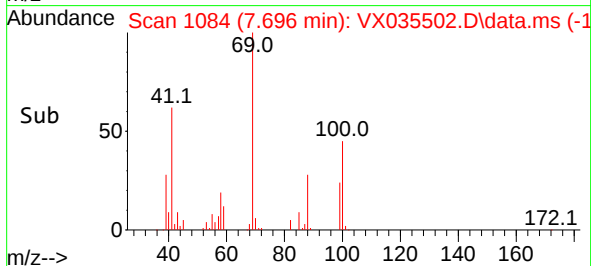
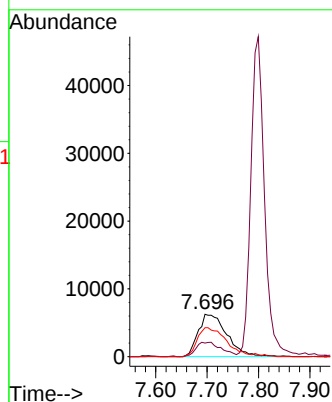
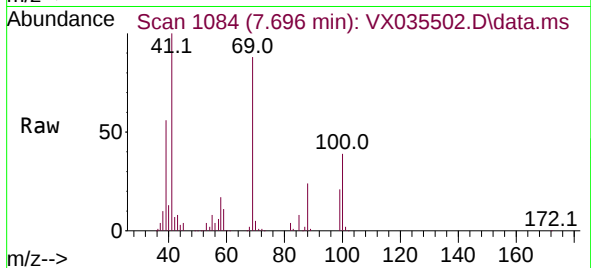
Ion	Ratio	Lower	Upper
88	100		
43	30.0	27.7	41.5
58	68.2	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#50

Toluene-d8

Concen: 51.196 ug/l

RT: 8.647 min Scan# 1240

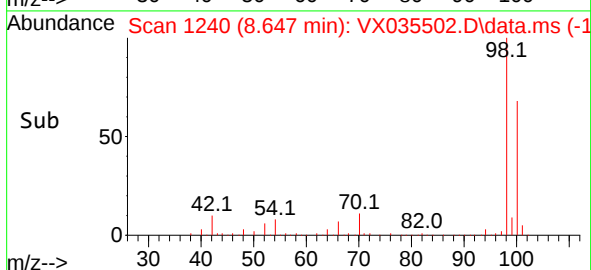
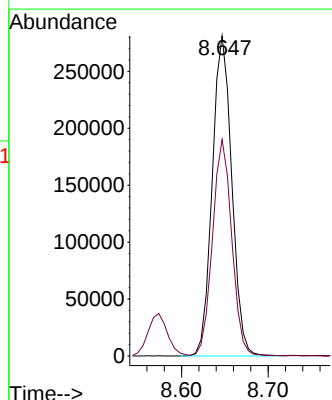
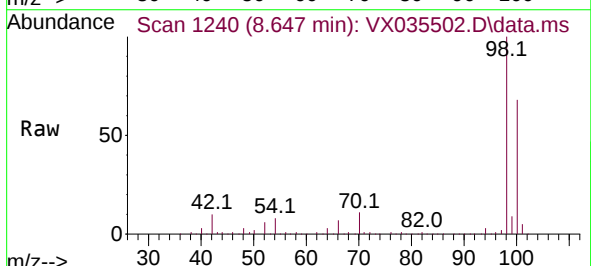
Delta R.T. 0.001 min

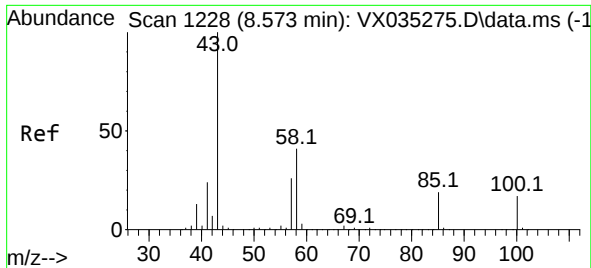
Lab File: VX035502.D

Acq: 03 May 2023 12:18

Tgt Ion: 98 Resp: 440384

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.5	78.7





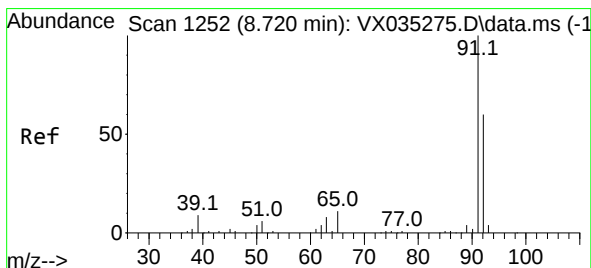
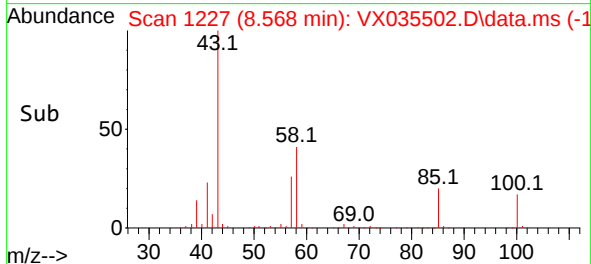
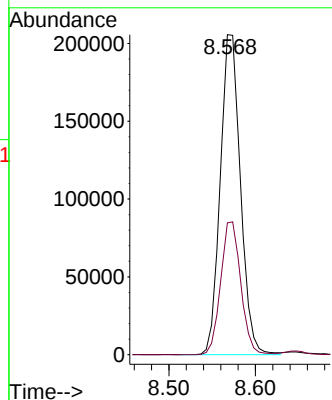
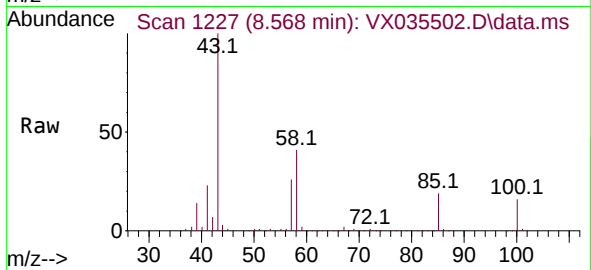
#51
4-Methyl-2-Pentanone
Concen: 99.268 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.005 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01

Tgt Ion: 43 Resp: 333248
Ion Ratio Lower Upper
43 100
58 41.4 30.6 46.0

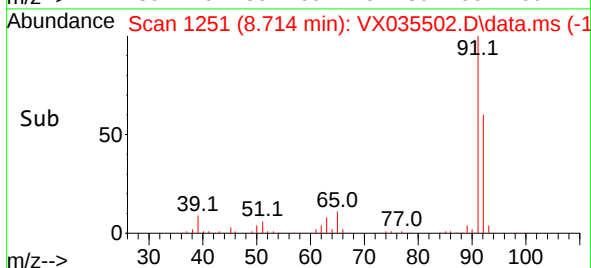
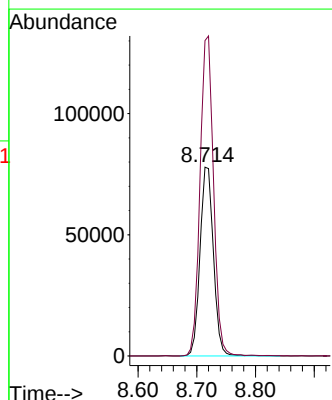
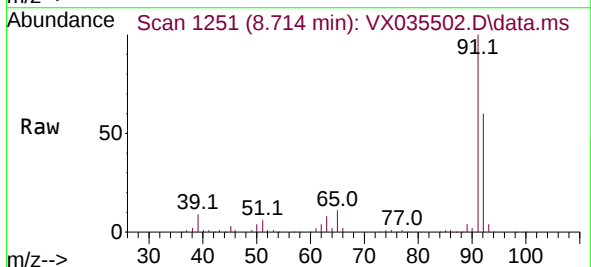
Manual Integrations
APPROVED

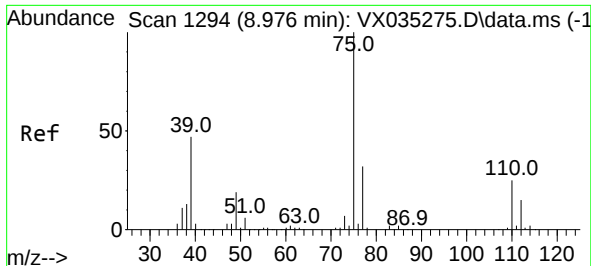
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#52
Toluene
Concen: 19.058 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion: 92 Resp: 123390
Ion Ratio Lower Upper
92 100
91 169.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 20.859 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBS01

Tgt Ion: 75 Resp: 7097

Ion Ratio Lower Upper

75 100

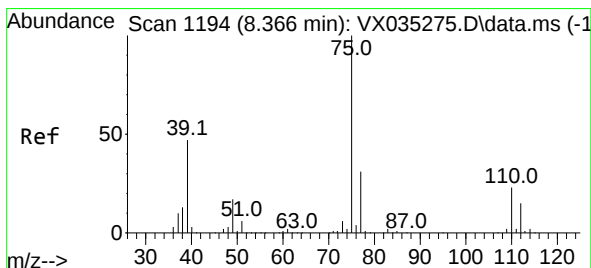
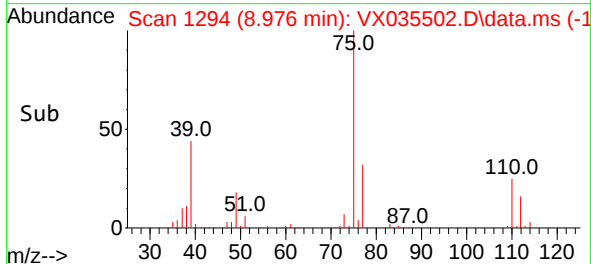
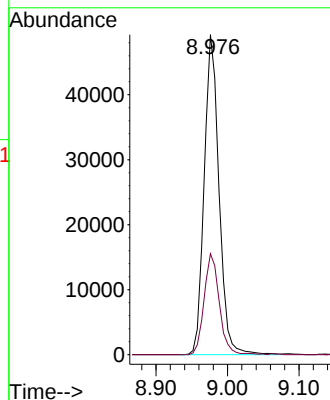
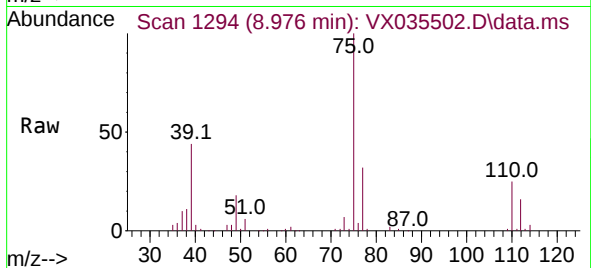
77 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#54

cis-1,3-Dichloropropene

Concen: 20.242 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

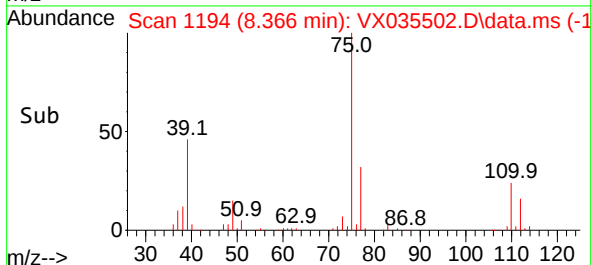
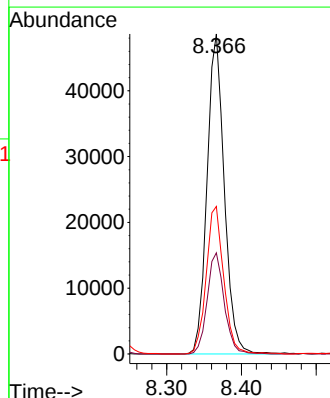
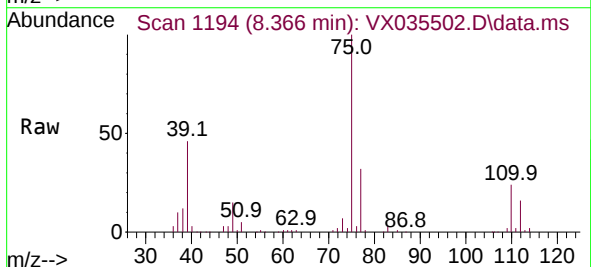
Tgt Ion: 75 Resp: 77846

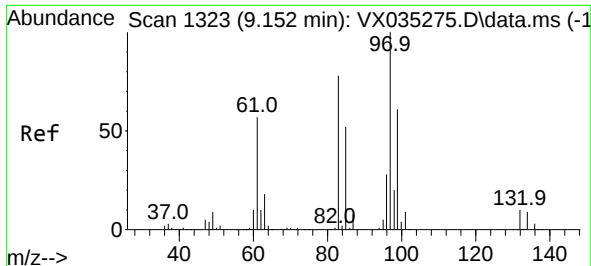
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

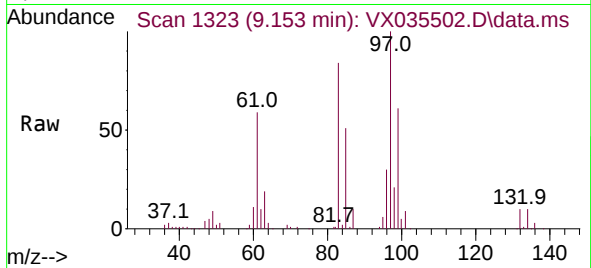
39 46.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.044 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01

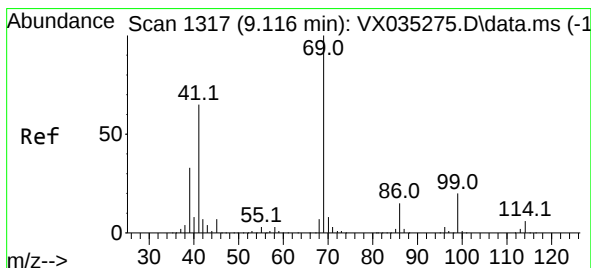
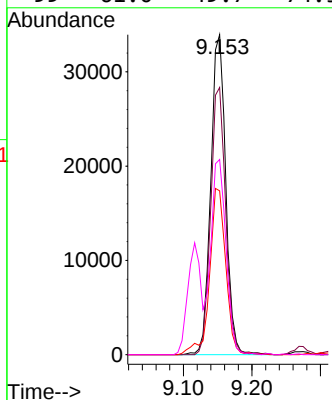
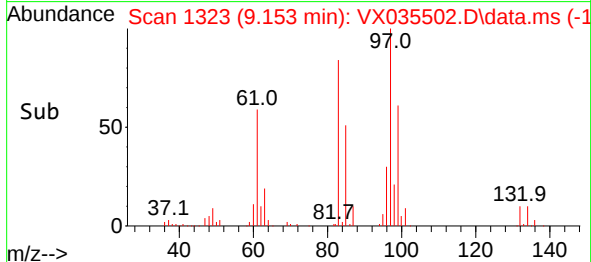


Tgt Ion: 97 Resp: 51734

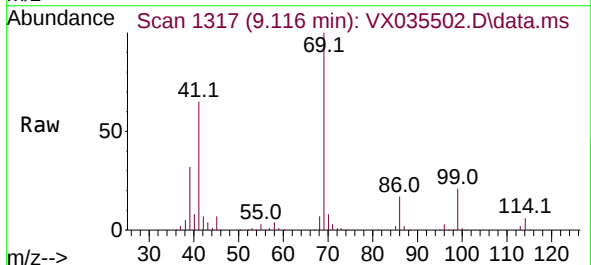
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.7	104.5
85	51.2	43.7	65.5
99	61.0	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

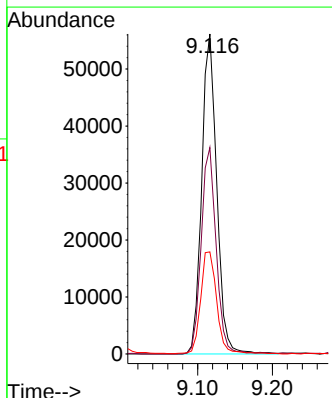
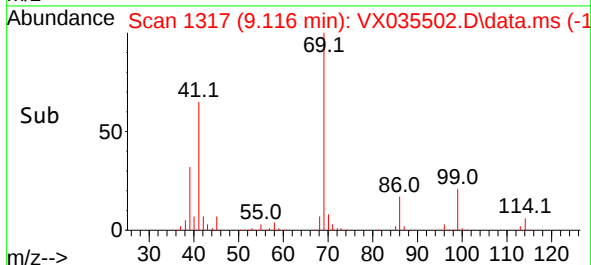


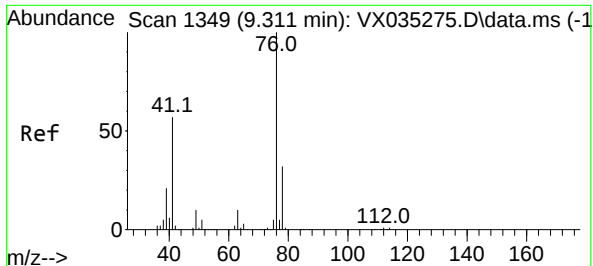
#56
Ethyl methacrylate
Concen: 20.423 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



Tgt Ion: 69 Resp: 78521

Ion	Ratio	Lower	Upper
69	100		
41	64.5	57.4	86.0
39	34.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 19.573 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBSD01

Tgt Ion: 76 Resp: 86404

Ion Ratio Lower Upper

76 100

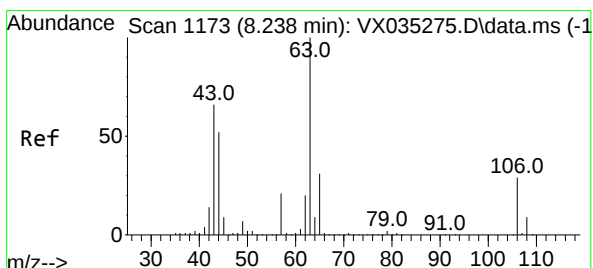
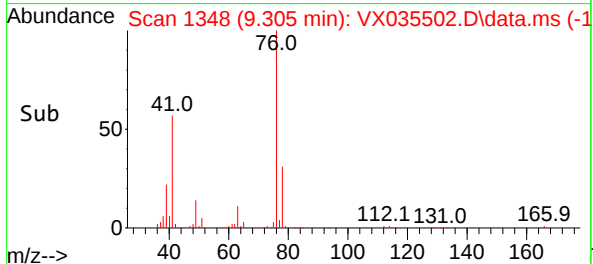
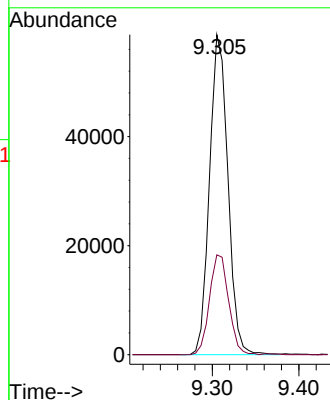
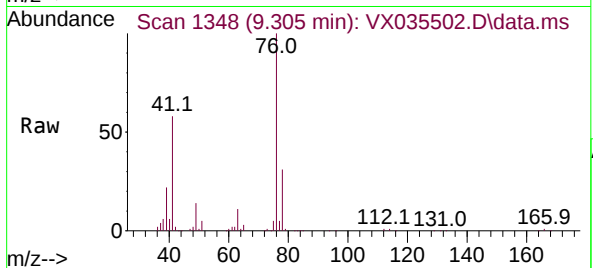
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.992 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035502.D

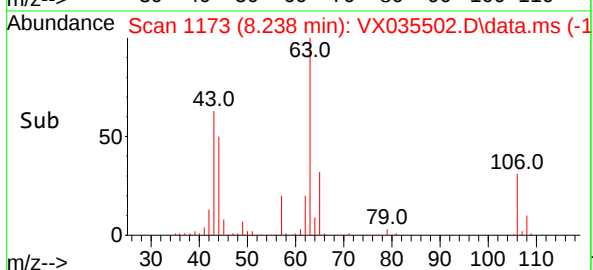
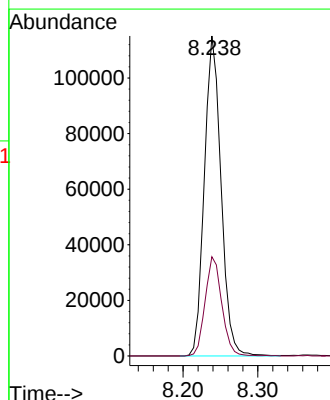
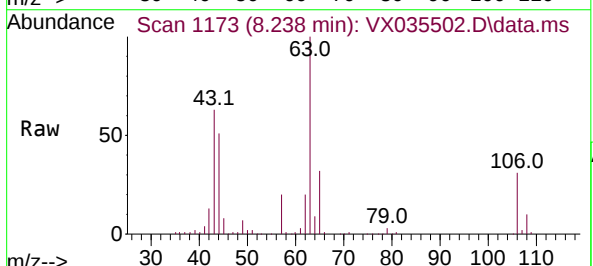
Acq: 03 May 2023 12:18

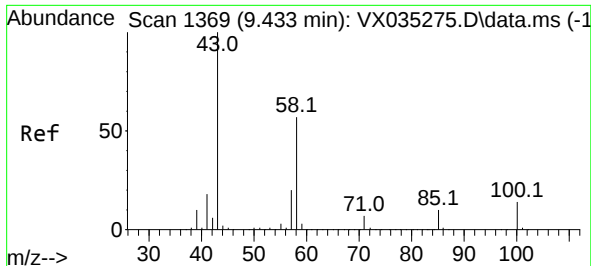
Tgt Ion: 63 Resp: 178773

Ion Ratio Lower Upper

63 100

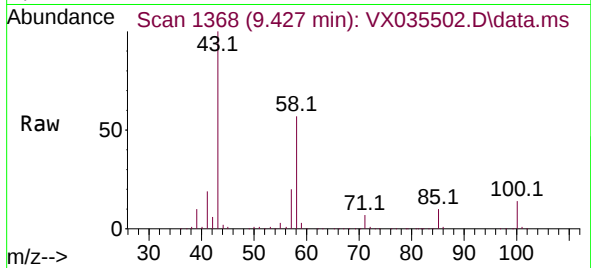
106 31.0 22.2 33.2





#59
2-Hexanone
Concen: 100.130 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

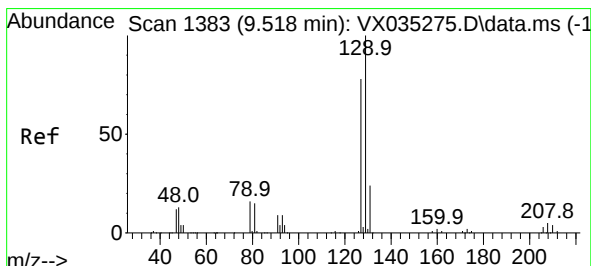
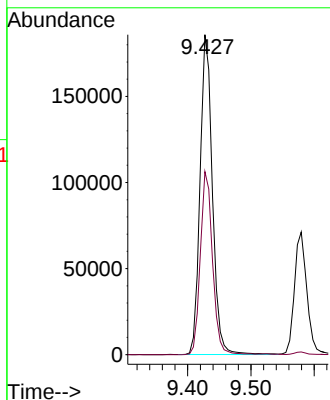
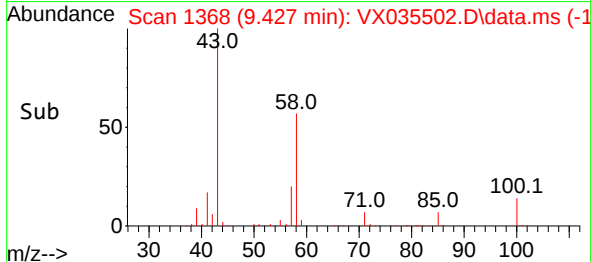
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01



Tgt Ion: 43 Resp: 252520
Ion Ratio Lower Upper
43 100
58 56.6 26.3 78.9

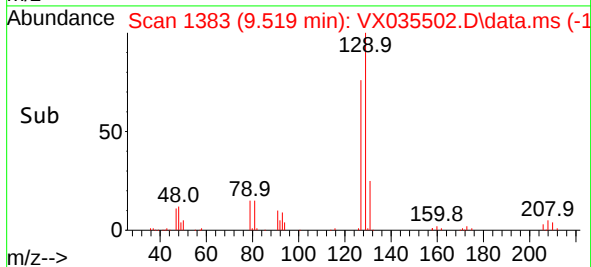
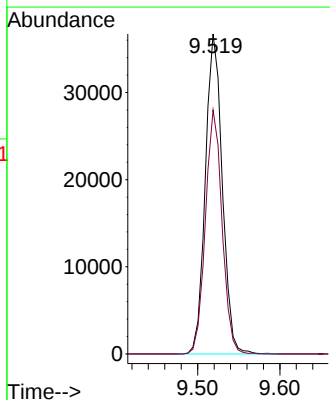
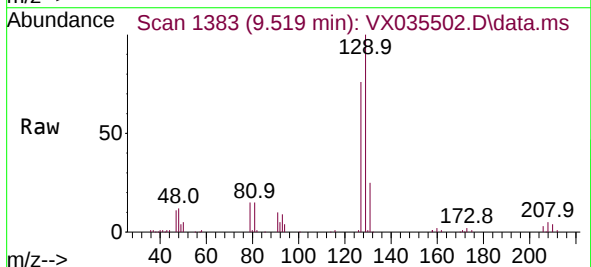
Manual Integrations
APPROVED

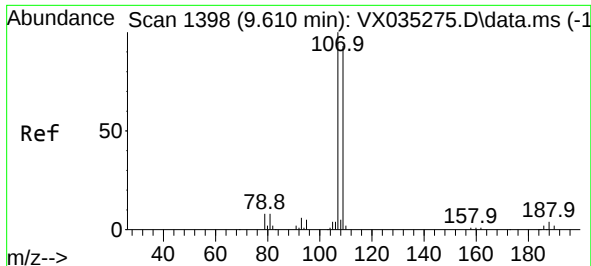
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#60
Dibromochloromethane
Concen: 21.215 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

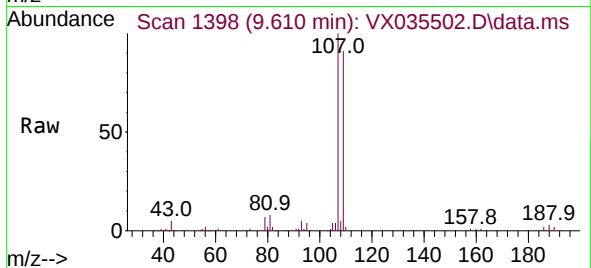
Tgt Ion:129 Resp: 52462
Ion Ratio Lower Upper
129 100
127 75.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.640 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

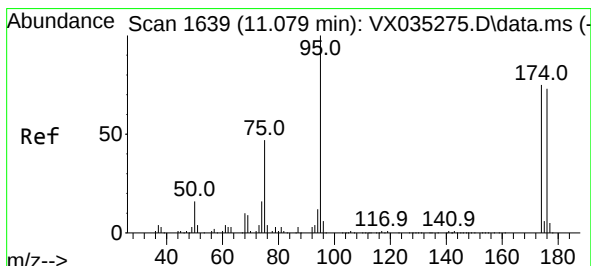
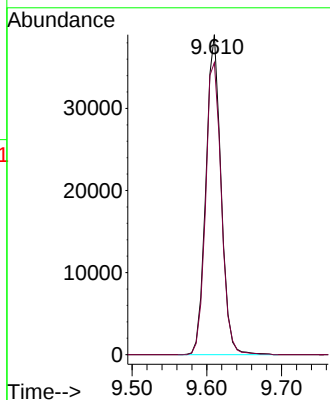
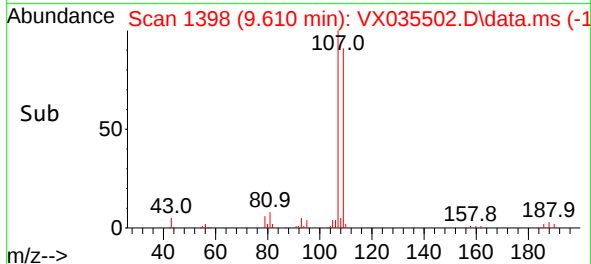
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



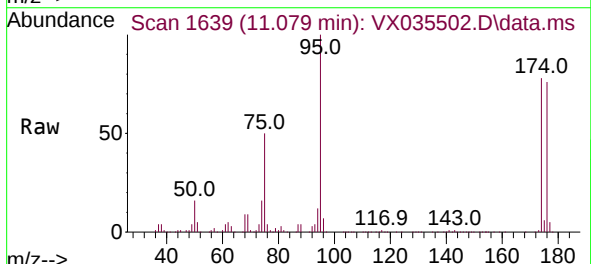
Tgt Ion:107 Resp: 5491
Ion Ratio Lower Upper
107 100
109 95.0 75.3 112.9

Manual Integrations
APPROVED

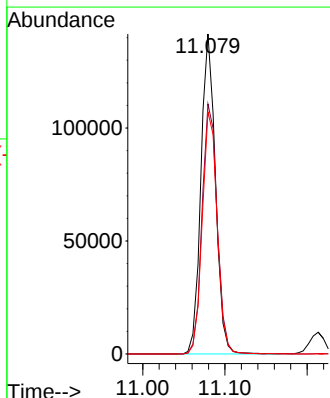
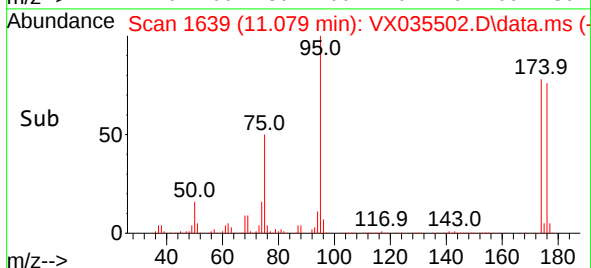
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

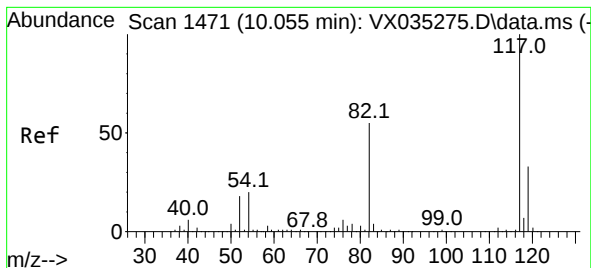


#62
4-Bromofluorobenzene
Concen: 53.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



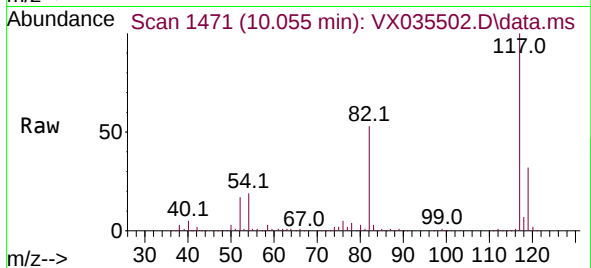
Tgt Ion: 95 Resp: 173574
Ion Ratio Lower Upper
95 100
174 81.1 0.0 147.4
176 77.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

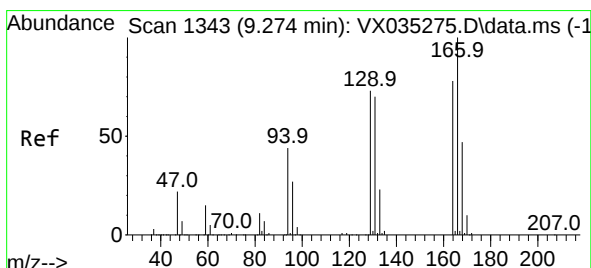
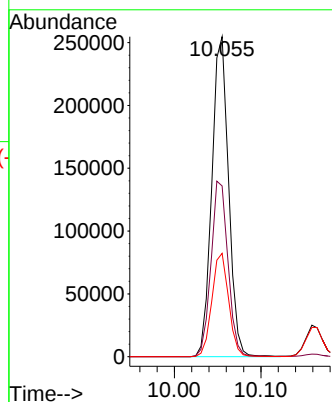
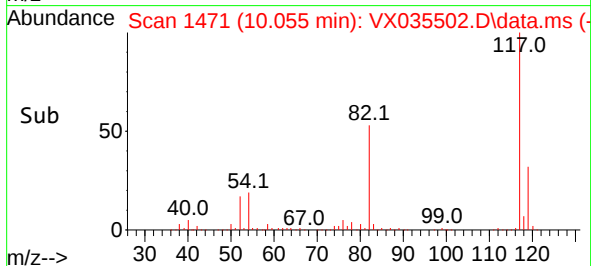
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



Tgt Ion:117 Resp: 342230
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.3 26.0 39.0

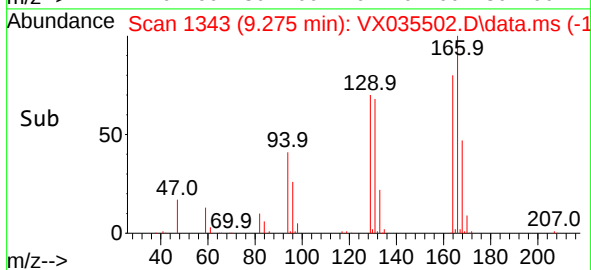
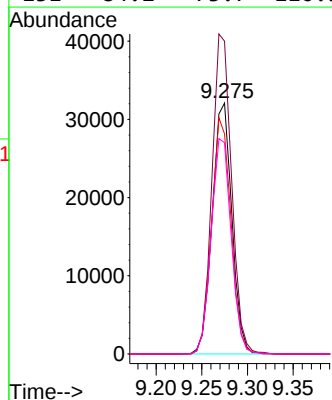
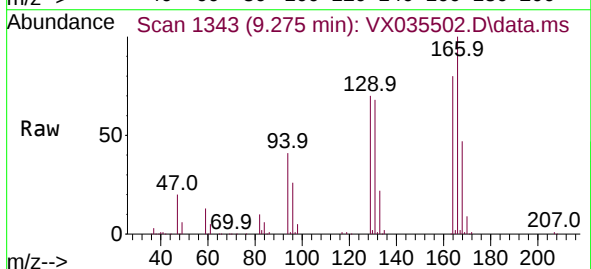
Manual Integrations
APPROVED

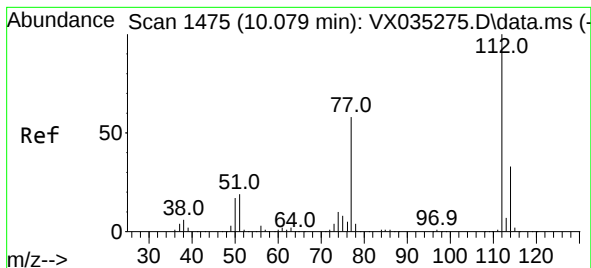
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#64
Tetrachloroethene
Concen: 18.339 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

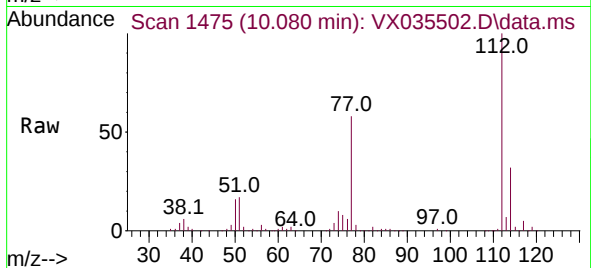
Tgt Ion:164 Resp: 48056
Ion Ratio Lower Upper
164 100
166 124.7 102.7 154.1
129 87.8 75.6 113.4
131 84.2 73.7 110.5





#65
Chlorobenzene
Concen: 18.460 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

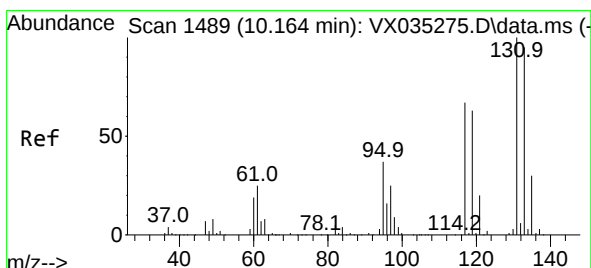
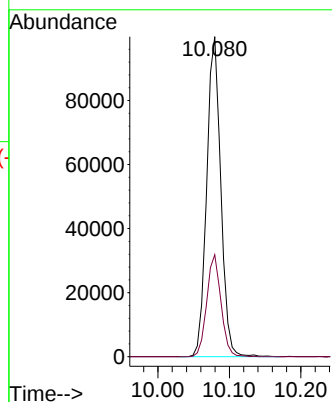
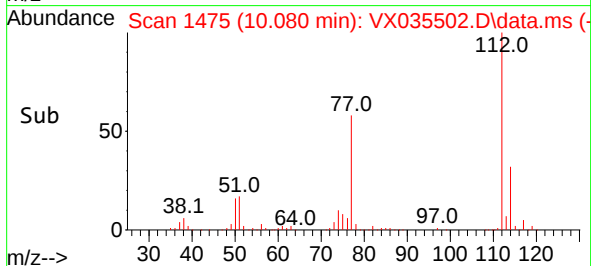
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



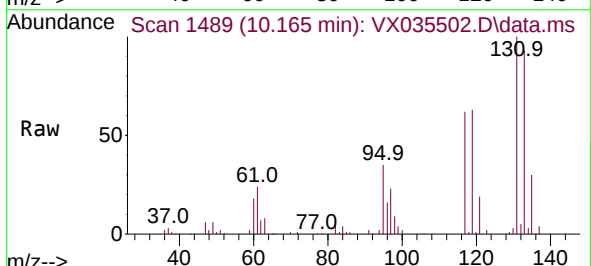
Tgt Ion:112 Resp: 136680
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

Manual Integrations
APPROVED

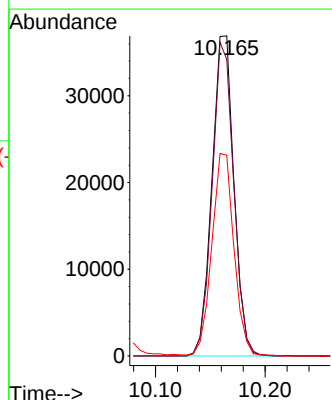
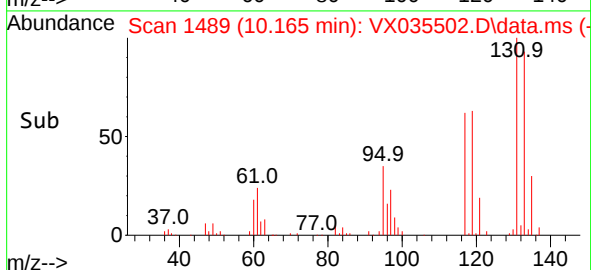
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

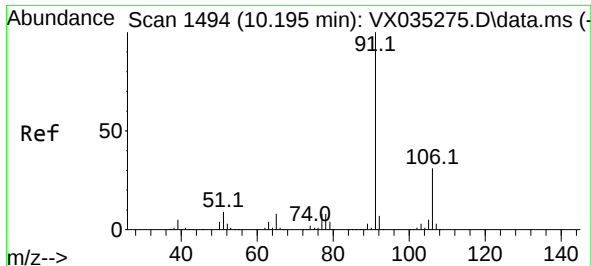


#66
1,1,1,2-Tetrachloroethane
Concen: 19.975 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



Tgt Ion:131 Resp: 51474
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 63.9 32.6 98.0





#67

Ethyl Benzene

Concen: 18.872 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBS01

Tgt Ion: 91 Resp: 24199

Ion Ratio Lower Upper

91 100

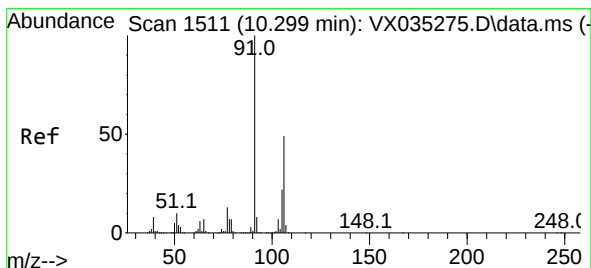
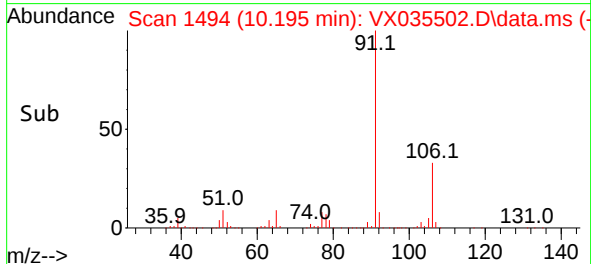
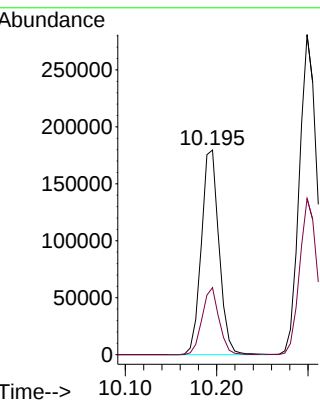
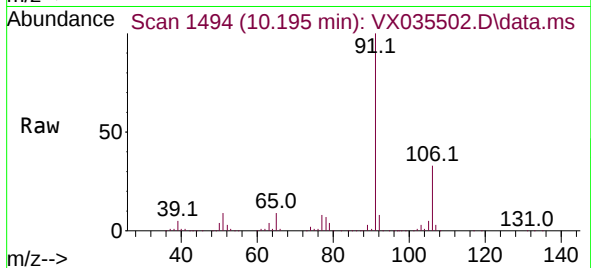
106 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#68

m/p-Xylenes

Concen: 37.579 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035502.D

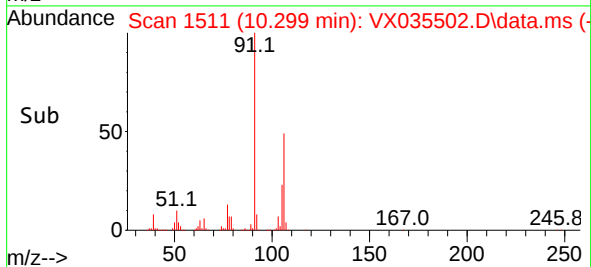
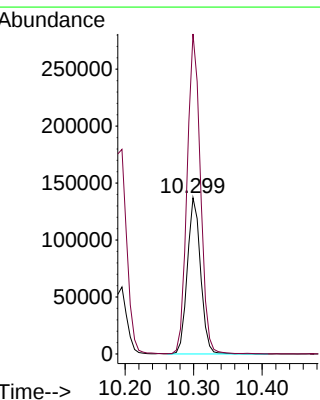
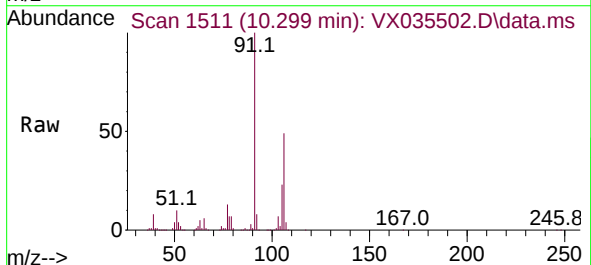
Acq: 03 May 2023 12:18

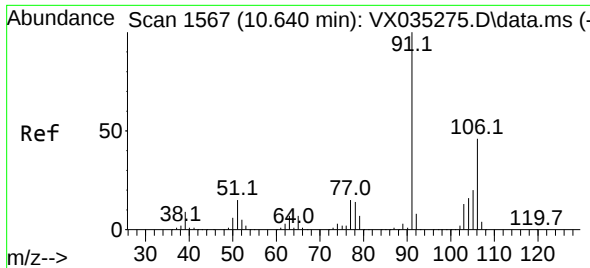
Tgt Ion:106 Resp: 184641

Ion Ratio Lower Upper

106 100

91 207.0 164.0 246.0





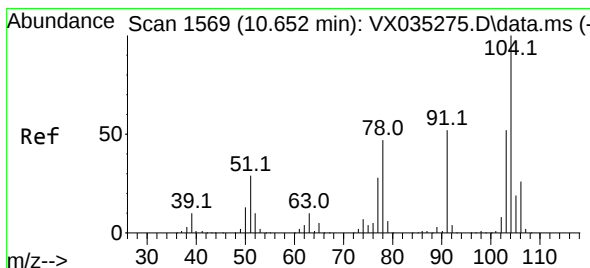
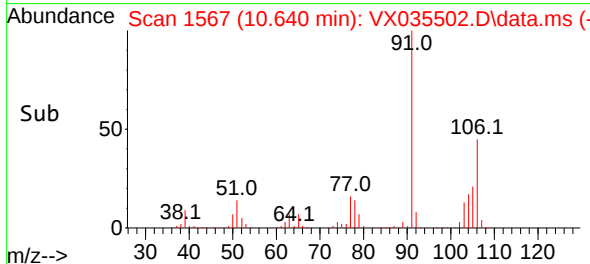
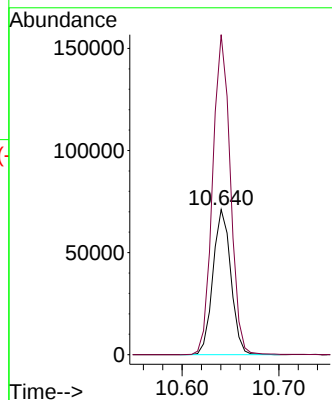
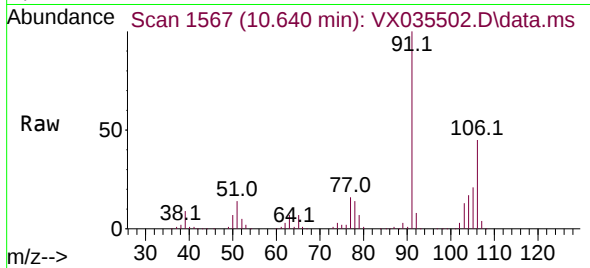
#69
o-Xylene
Concen: 18.999 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01

Tgt Ion:106 Resp: 9153
Ion Ratio Lower Upper
106 100
91 218.6 108.5 325.3

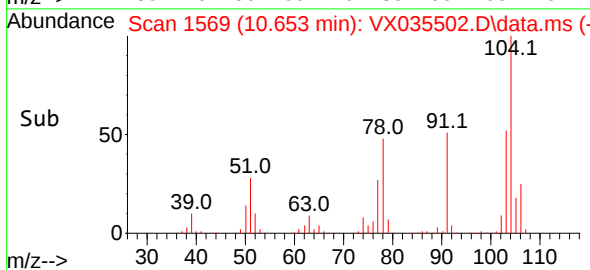
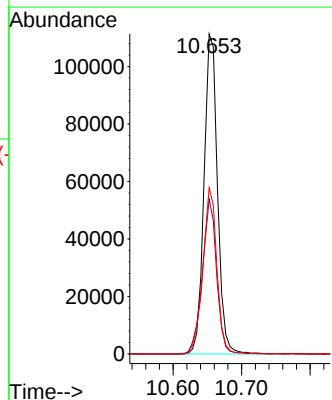
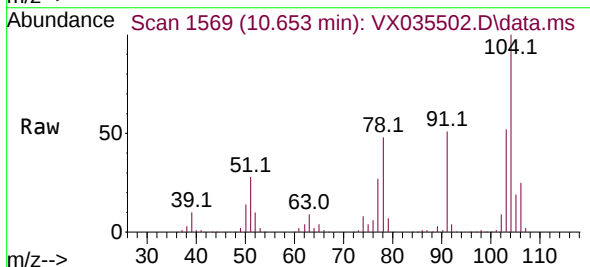
Manual Integrations
APPROVED

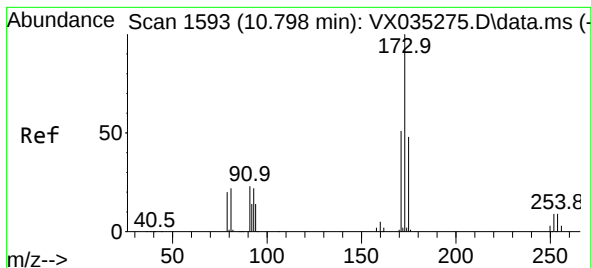
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#70
Styrene
Concen: 19.556 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion:104 Resp: 152774
Ion Ratio Lower Upper
104 100
78 51.3 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 20.520 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBS01

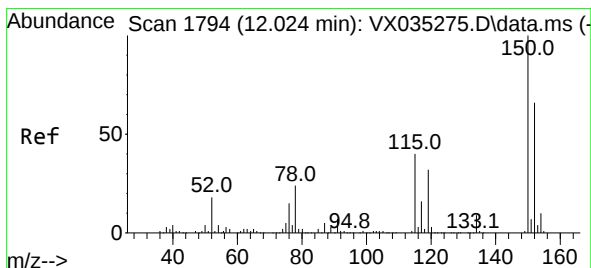
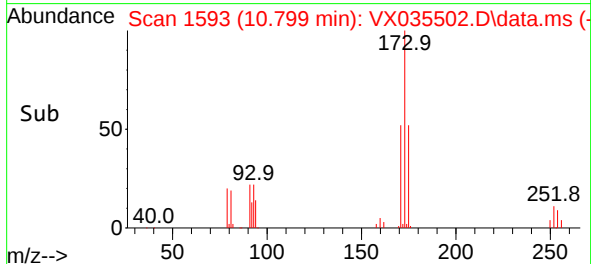
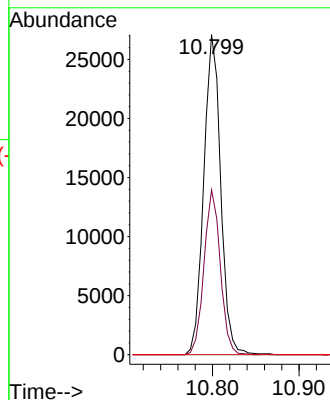
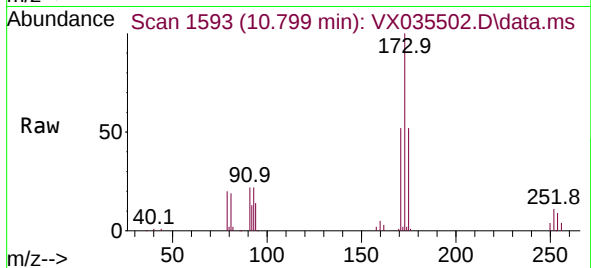
Tgt Ion:173	Resp:	3678
Ion Ratio	Lower	Upper
173	100	
175	49.4	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

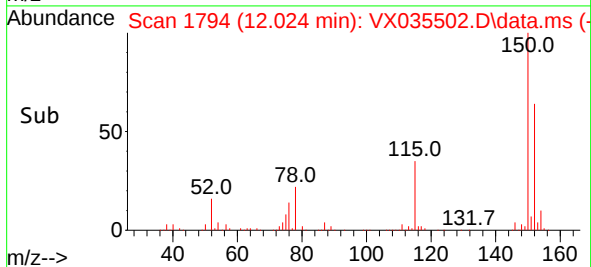
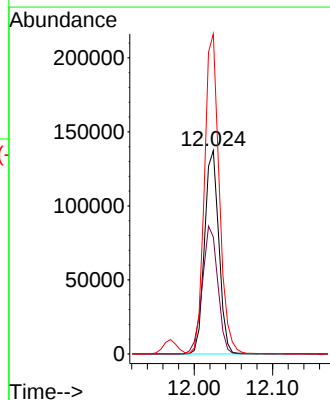
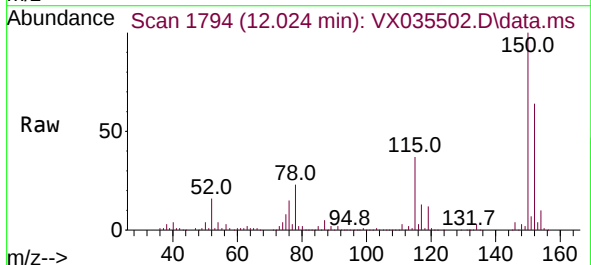
RT: 12.024 min Scan# 1794

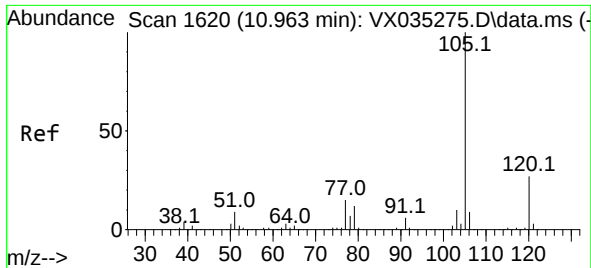
Delta R.T. 0.000 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

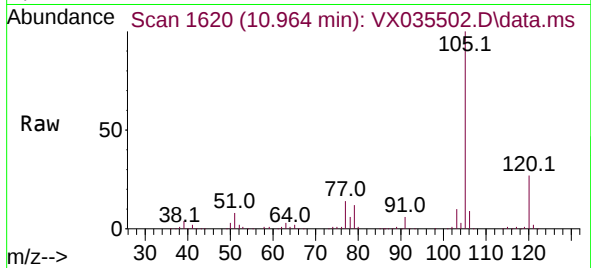
Tgt Ion:152	Resp:	173861
Ion Ratio	Lower	Upper
152	100	
115	68.0	45.0 135.0
150	162.8	0.0 352.4





#73
Isopropylbenzene
Concen: 19.409 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

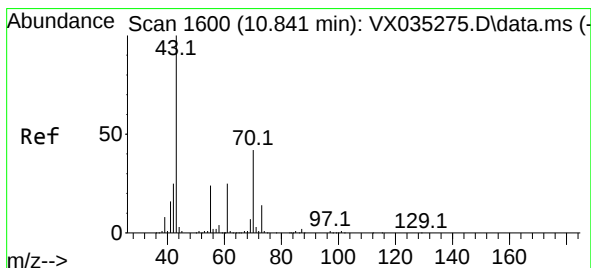
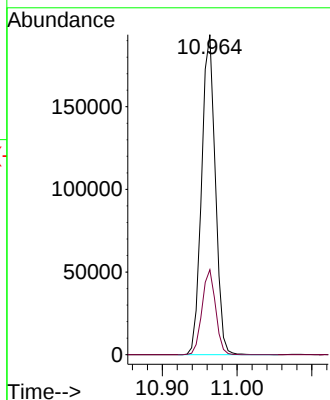
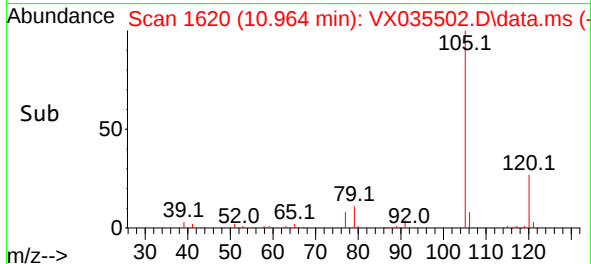
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



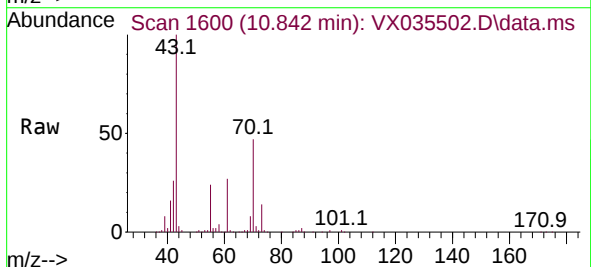
Tgt Ion:105 Resp: 246668
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

Manual Integrations
APPROVED

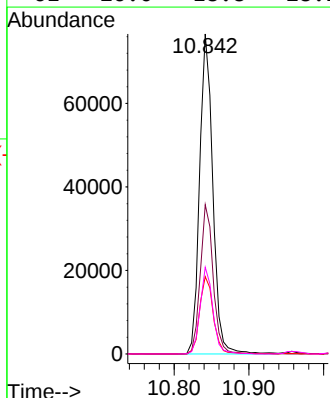
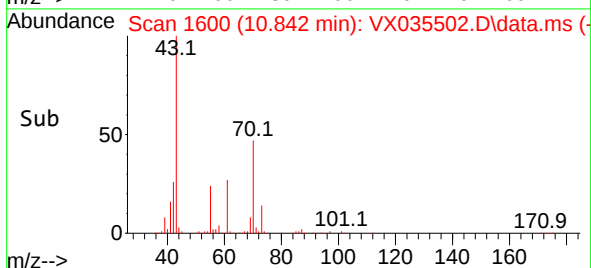
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

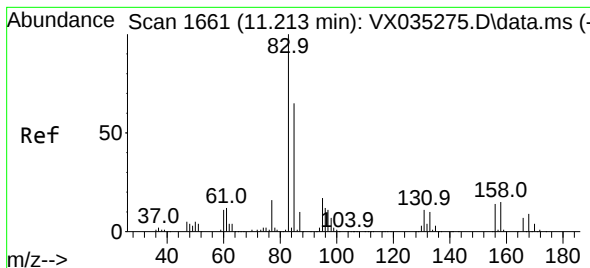


#74
N-ethyl acetate
Concen: 19.688 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



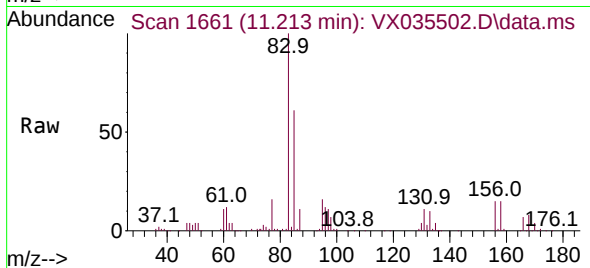
Tgt Ion: 43 Resp: 94033
Ion Ratio Lower Upper
43 100
70 46.0 32.1 48.1
55 25.1 18.3 27.5
61 26.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.590 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

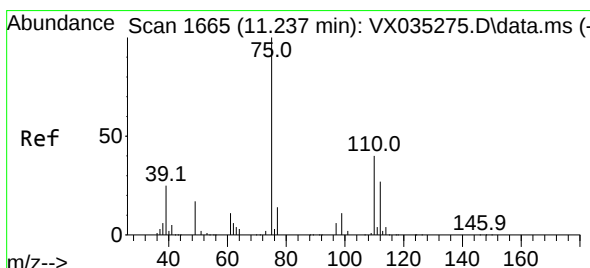
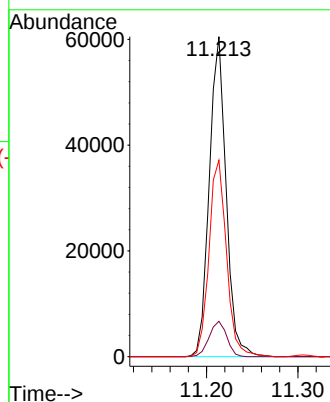
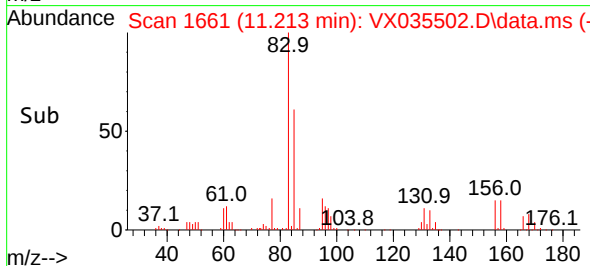
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01



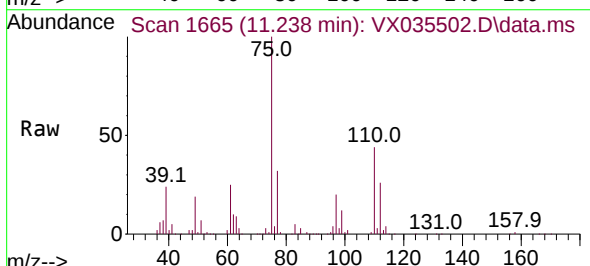
Tgt Ion: 83 Resp: 77275
Ion Ratio Lower Upper
83 100
131 11.5 4.8 14.3
85 63.9 32.0 96.0

Manual Integrations
APPROVED

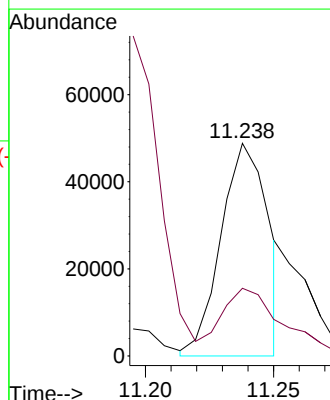
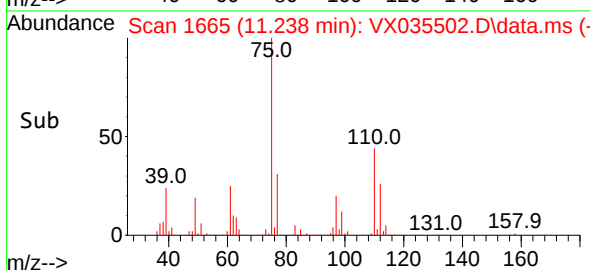
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

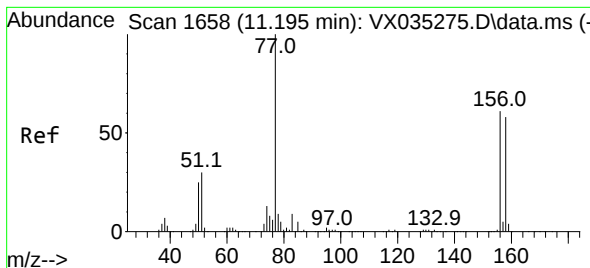


#76
1,2,3-Trichloropropane
Concen: 18.146 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



Tgt Ion: 75 Resp: 62931
Ion Ratio Lower Upper
75 100
77 41.7 21.6 64.8





#77

Bromobenzene

Concen: 19.373 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBS01

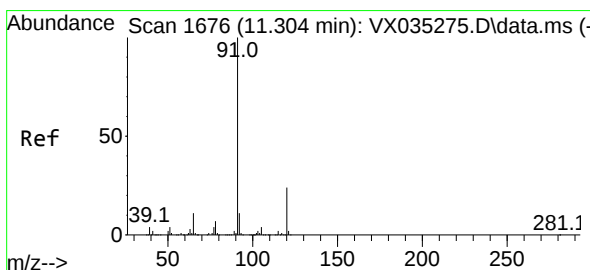
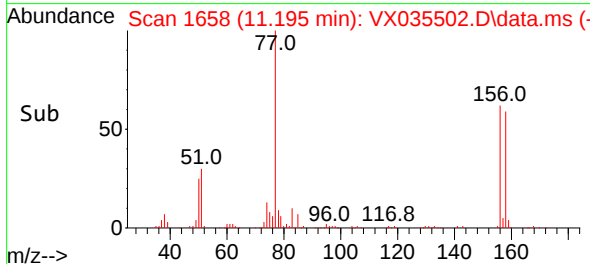
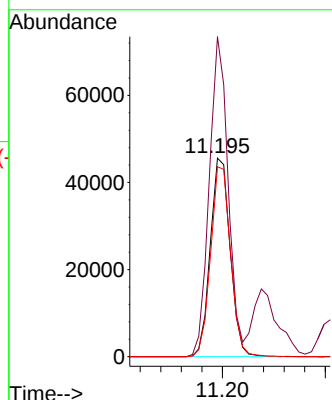
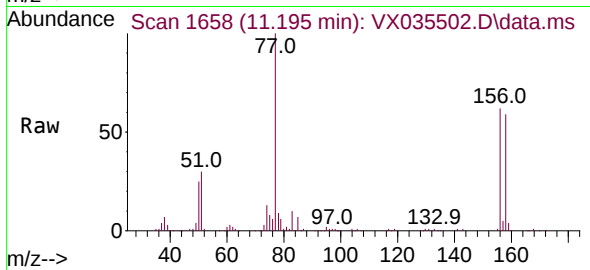
Tgt Ion:	156	Resp:	6120
Ion Ratio	Lower	Upper	
156	100		
77	153.1	86.7	259.9
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#78

n-propylbenzene

Concen: 18.597 ug/l

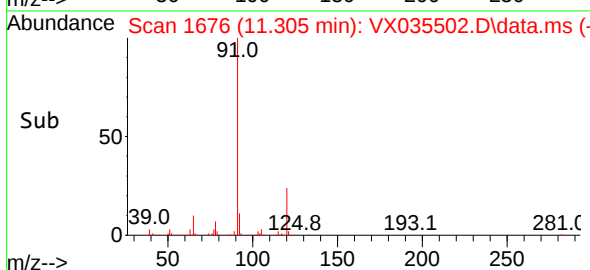
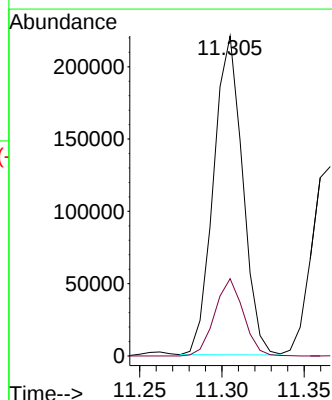
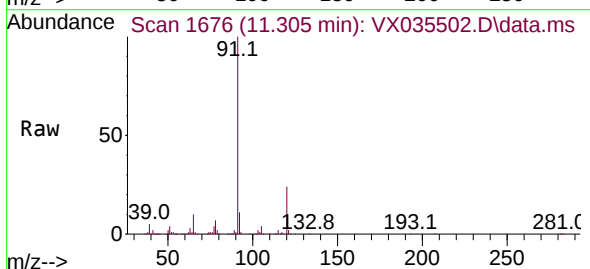
RT: 11.305 min Scan# 1676

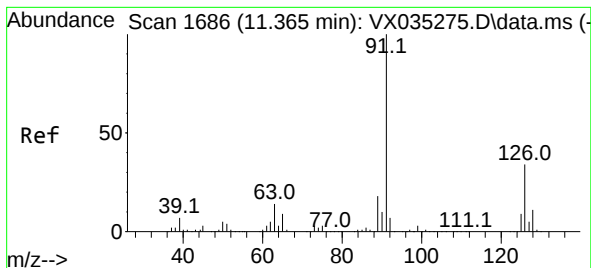
Delta R.T. 0.001 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Tgt Ion:	91	Resp:	271442
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.5	34.5





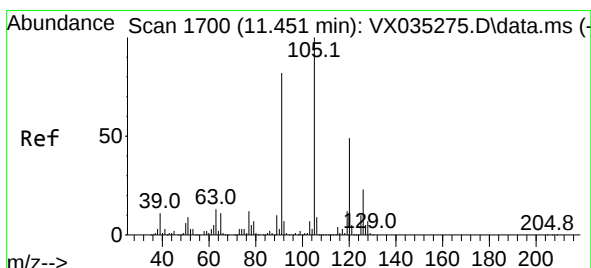
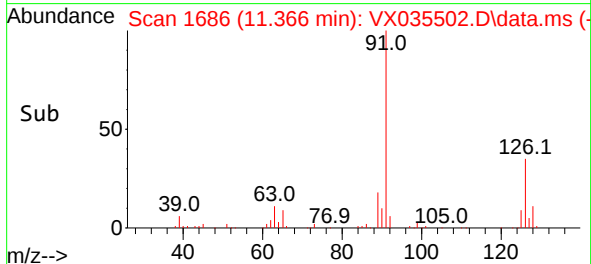
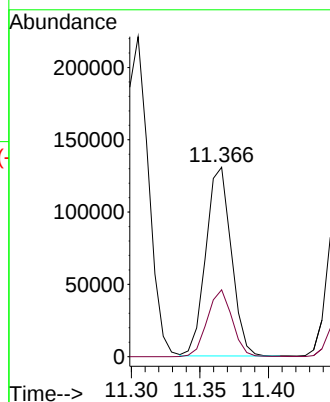
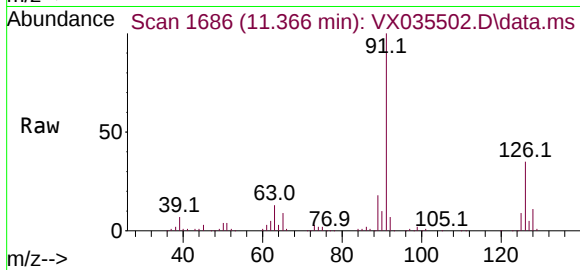
#79
2-Chlorotoluene
Concen: 18.498 ug/l
RT: 11.366 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01

Tgt Ion: 91 Resp: 168714
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.9

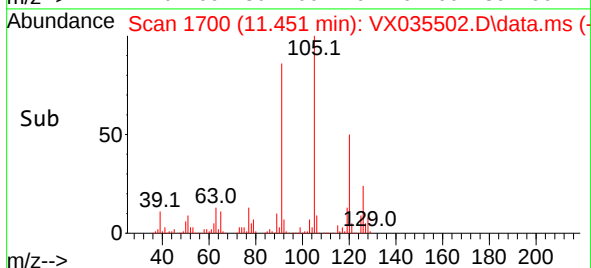
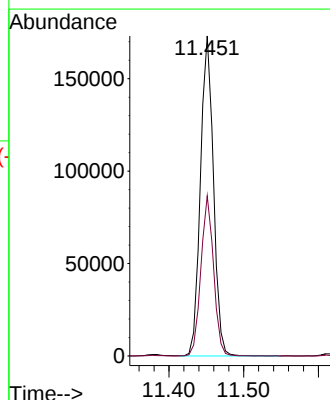
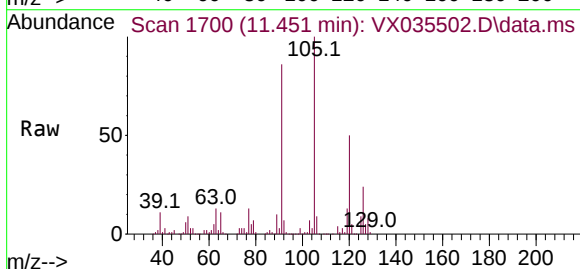
Manual Integrations
APPROVED

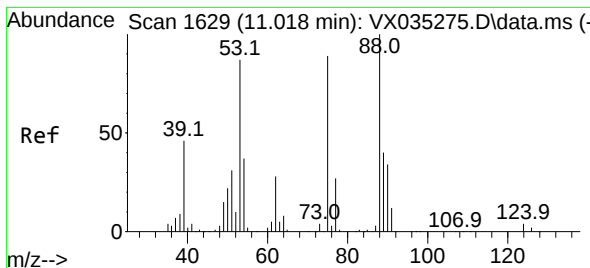
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.491 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

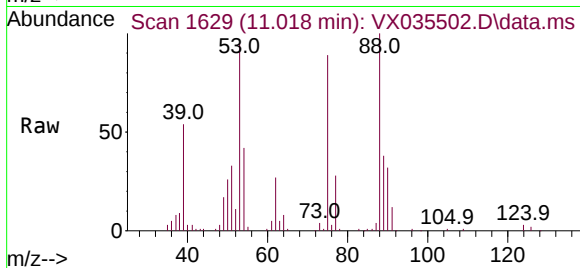
Tgt Ion:105 Resp: 208869
Ion Ratio Lower Upper
105 100
120 48.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.520 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

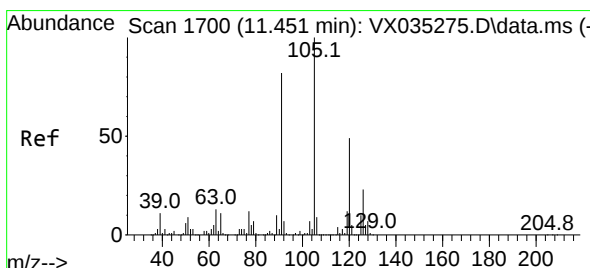
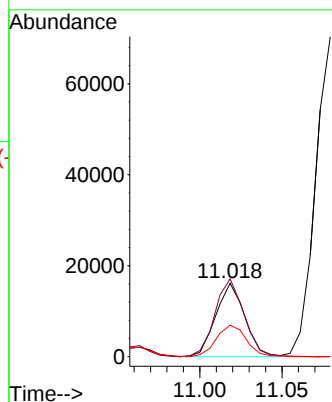
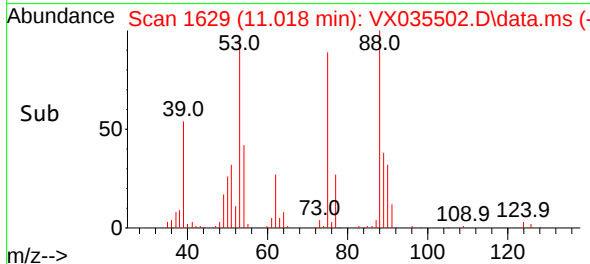
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



Tgt Ion: 75 Resp: 1983
Ion Ratio Lower Upper
75 100
53 106.3 82.6 124.0
89 44.2 36.9 55.3

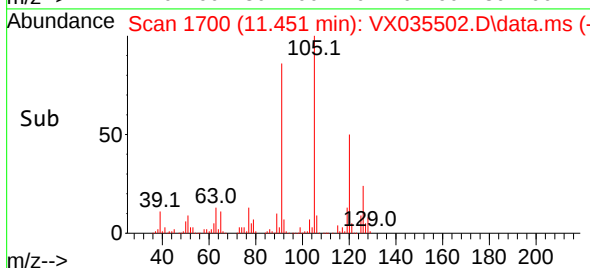
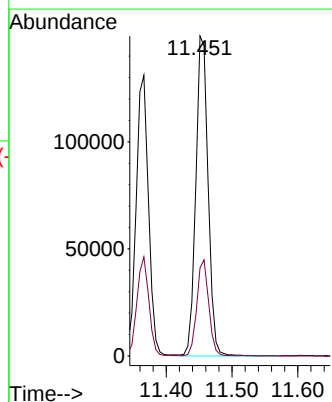
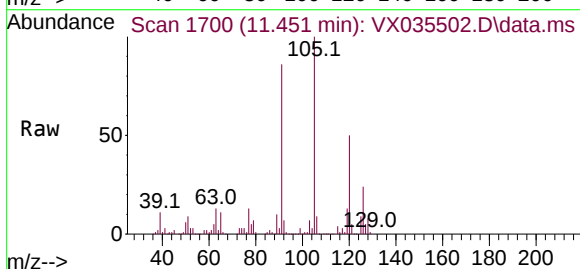
Manual Integrations
APPROVED

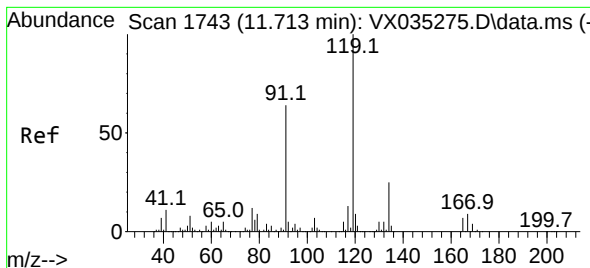
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#82
4-Chlorotoluene
Concen: 18.950 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

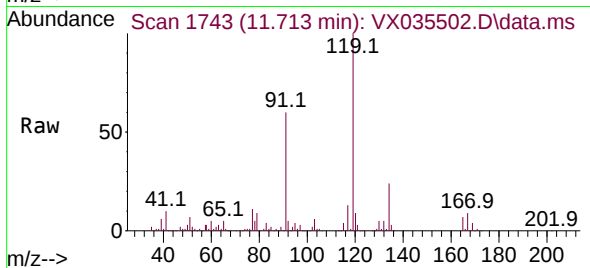
Tgt Ion: 91 Resp: 194124
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.316 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

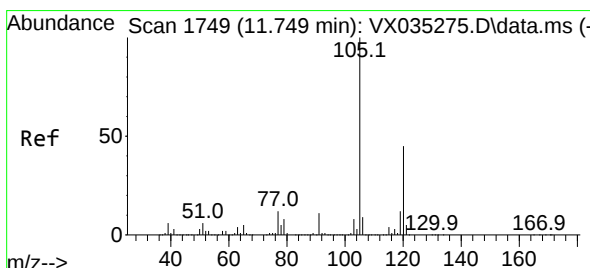
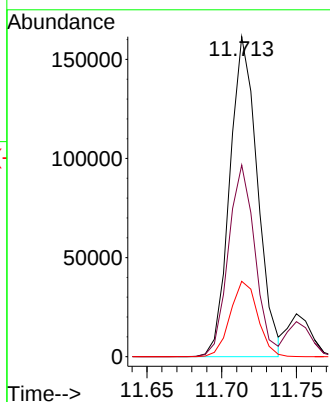
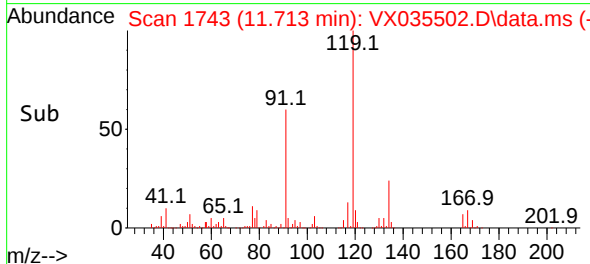
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



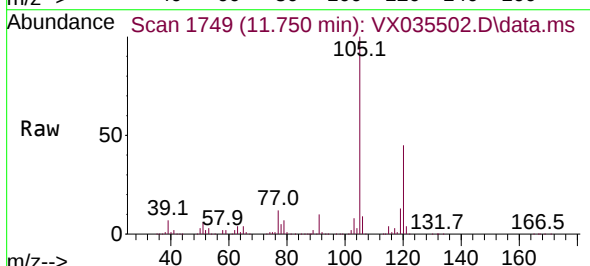
Tgt Ion:119 Resp: 20768
Ion Ratio Lower Upper
119 100
91 57.9 30.6 92.0
134 23.5 11.8 35.4

Manual Integrations
APPROVED

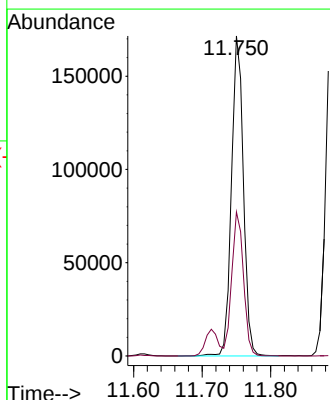
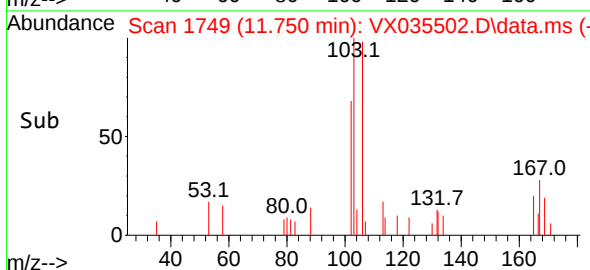
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

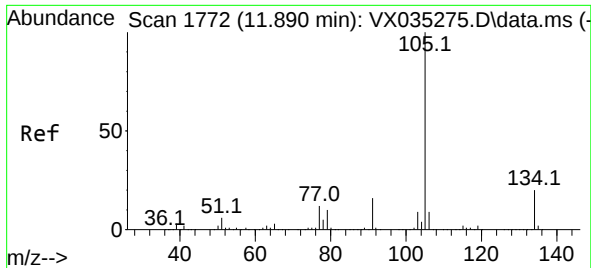


#84
1,2,4-Trimethylbenzene
Concen: 19.277 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



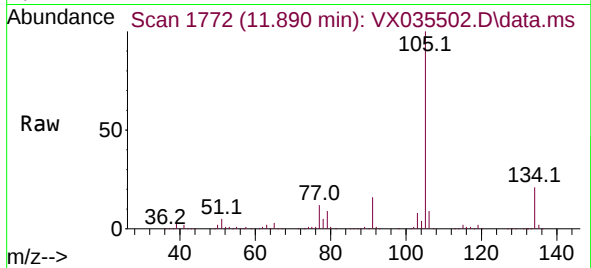
Tgt Ion:105 Resp: 207562
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 18.772 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035502.D
 Acq: 03 May 2023 12:18

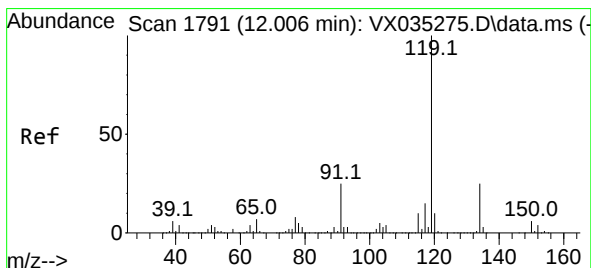
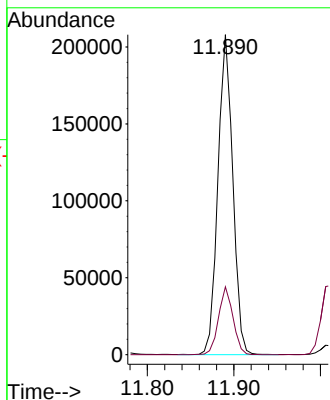
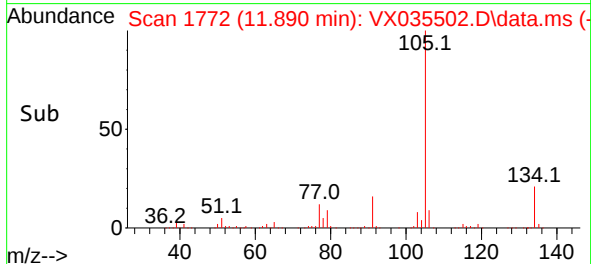
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503MBSD01



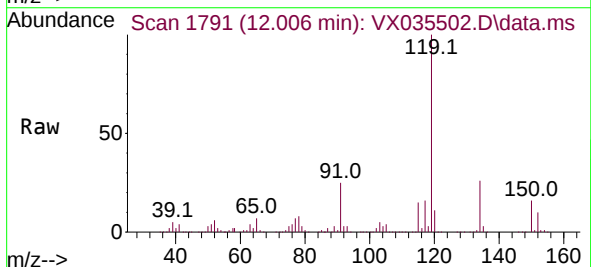
Tgt Ion:105 Resp: 24758
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations
 APPROVED

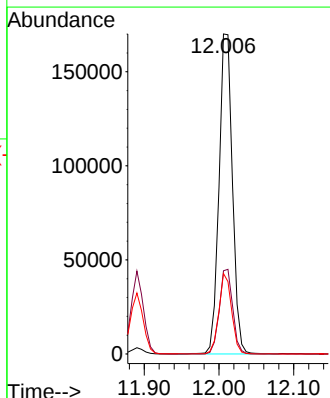
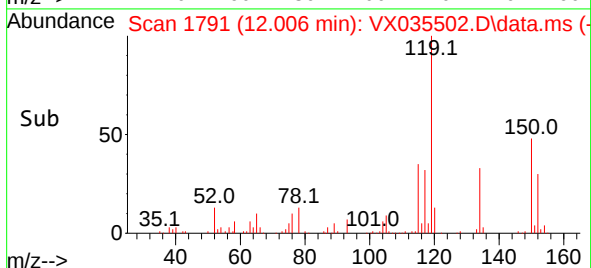
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/04/2023

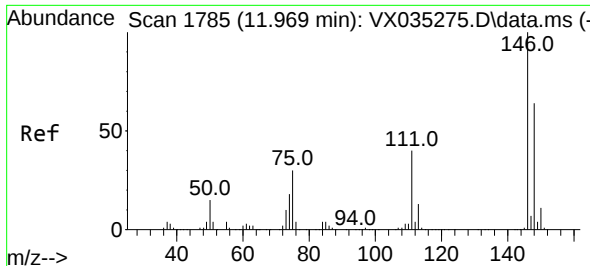


#86
 p-Isopropyltoluene
 Concen: 19.008 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035502.D
 Acq: 03 May 2023 12:18



Tgt Ion:119 Resp: 213218
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.078 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035502.D

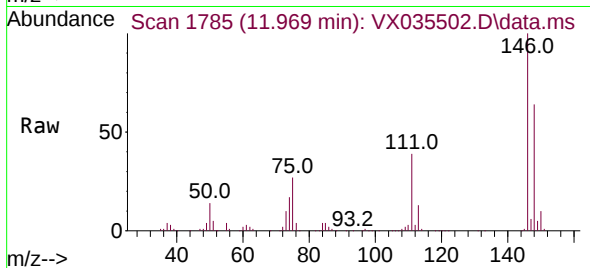
Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBS01



Tgt Ion:146 Resp: 114539

Ion Ratio Lower Upper

146 100

111 40.5 20.9 62.8

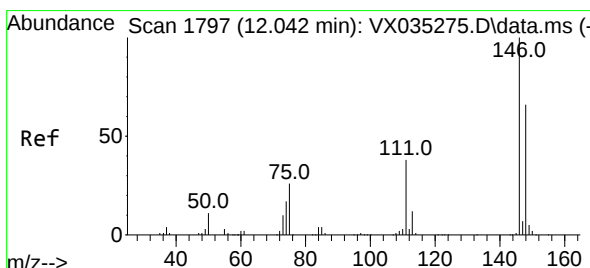
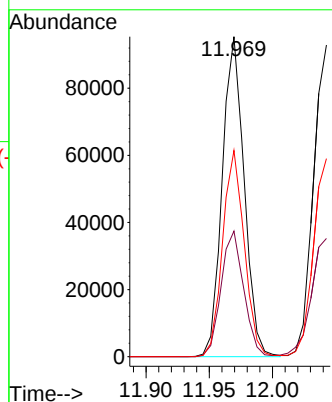
148 63.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#88

1,4-Dichlorobenzene

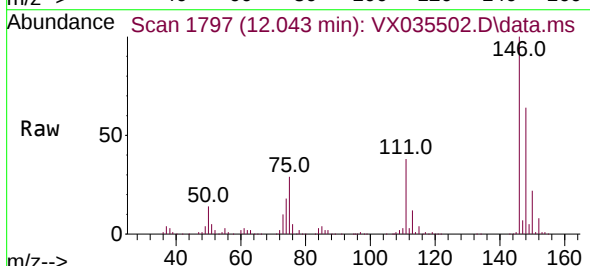
Concen: 18.113 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18



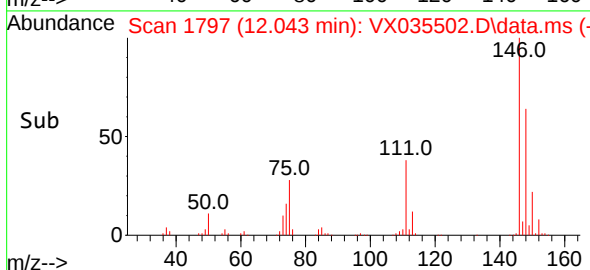
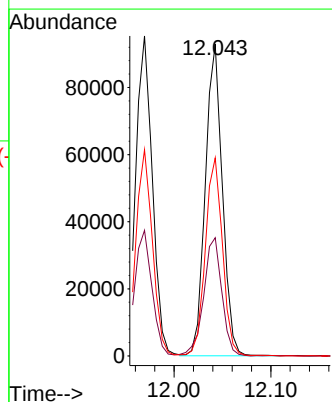
Tgt Ion:146 Resp: 114018

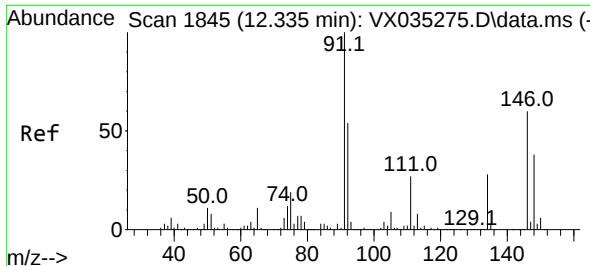
Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.9

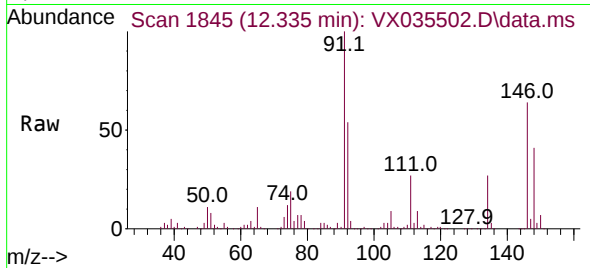
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 18.502 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

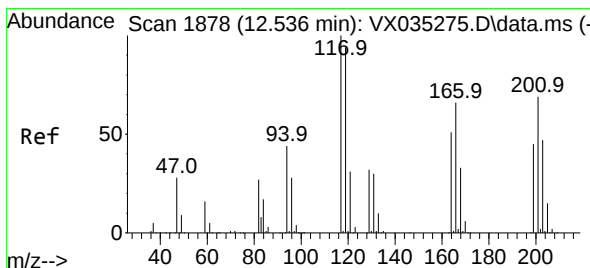
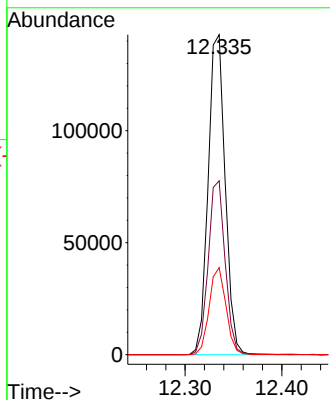
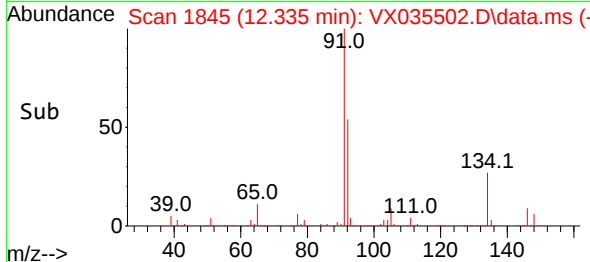
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01



Tgt Ion: 91 Resp: 175198
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 26.9 13.0 38.9

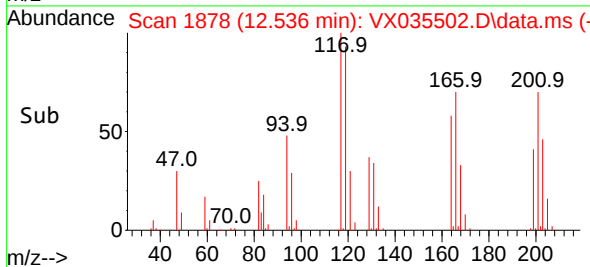
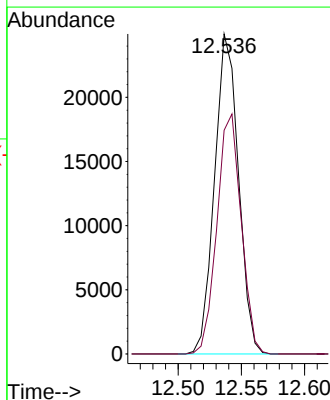
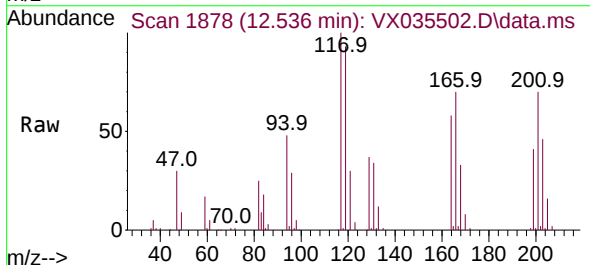
Manual Integrations
APPROVED

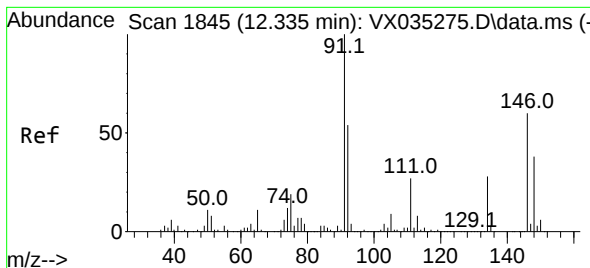
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#90
Hexachloroethane
Concen: 19.069 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

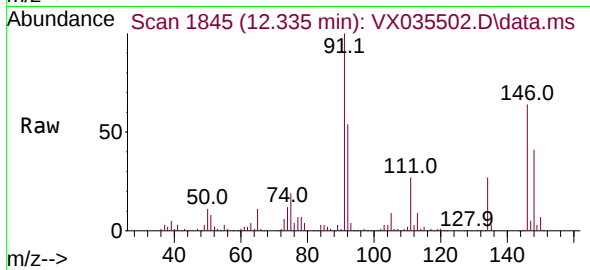
Tgt Ion:117 Resp: 32744
Ion Ratio Lower Upper
117 100
201 76.1 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 18.751 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

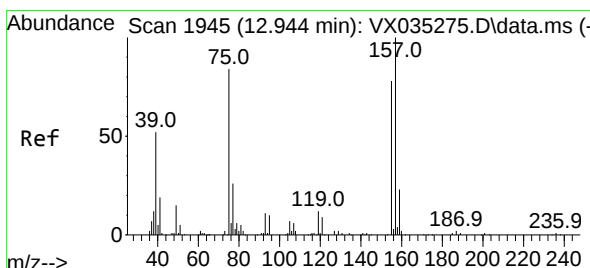
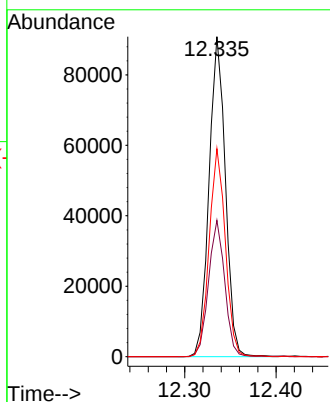
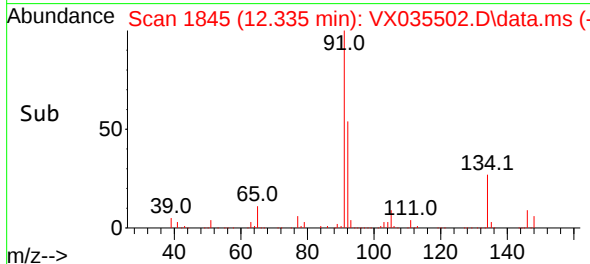
Instrument :
MSVOA_X
ClientSampleId :
VX0503MBSD01



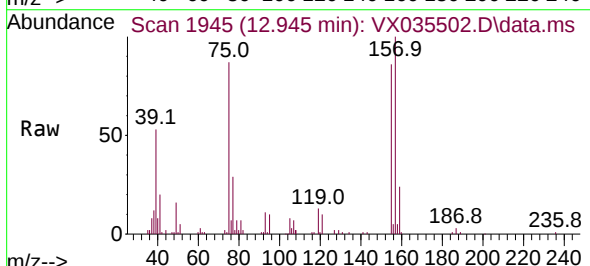
Tgt Ion:146 Resp: 11259
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 64.3 32.0 96.0

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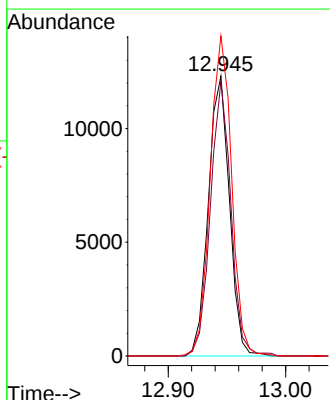
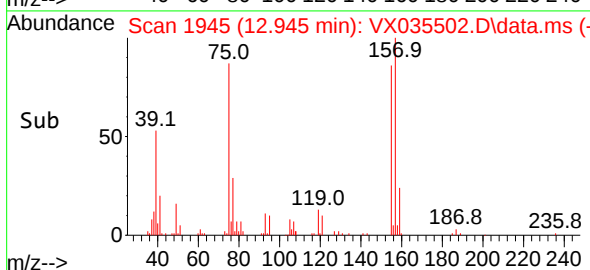
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

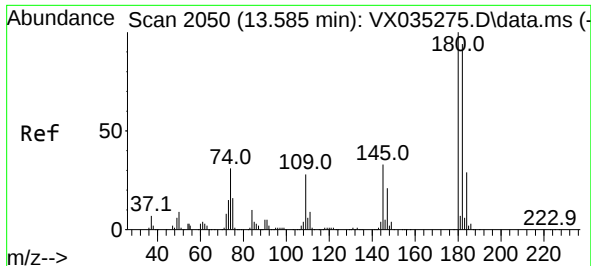


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.369 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18



Tgt Ion: 75 Resp: 15321
Ion Ratio Lower Upper
75 100
155 95.3 38.4 115.1
157 116.7 49.9 149.7





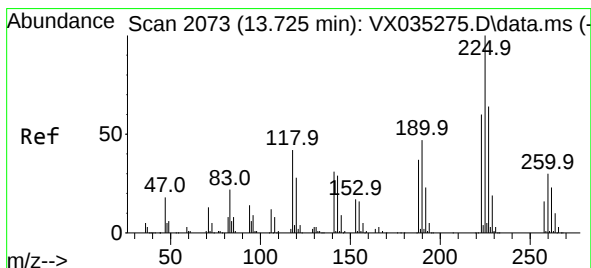
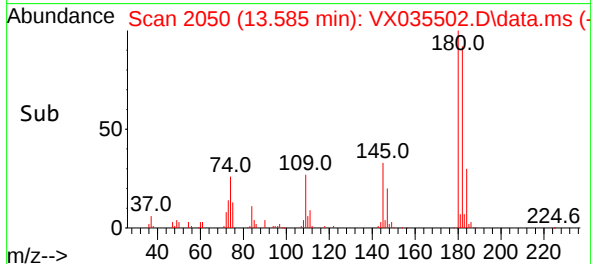
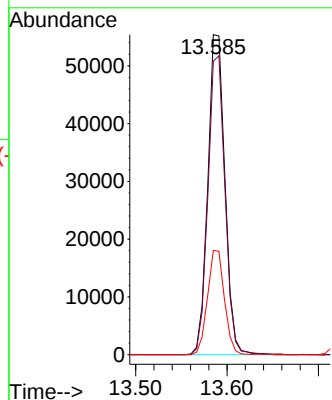
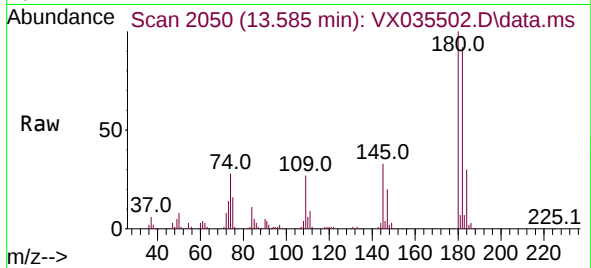
#93
1,2,4-Trichlorobenzene
Concen: 19.092 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0503MBS01

Tgt Ion:180 Resp: 7206
Ion Ratio Lower Upper
180 100
182 92.8 47.0 141.0
145 32.1 15.9 47.7

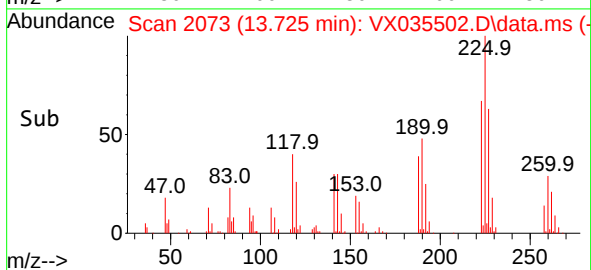
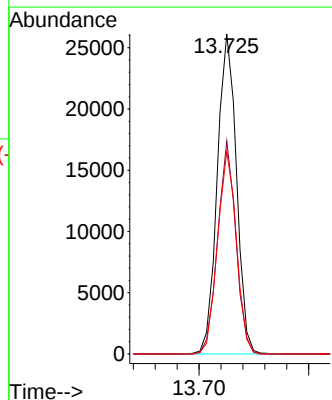
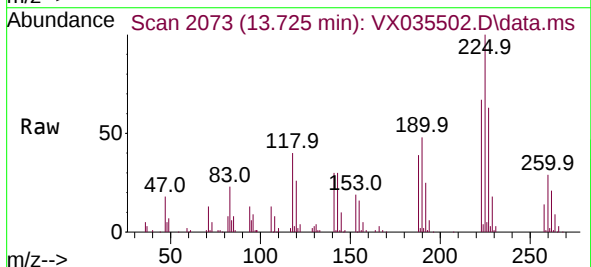
Manual Integrations
APPROVED

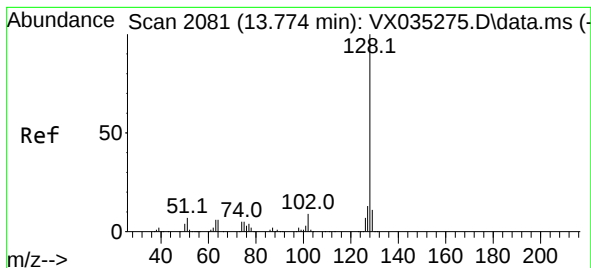
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#94
Hexachlorobutadiene
Concen: 19.196 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035502.D
Acq: 03 May 2023 12:18

Tgt Ion:225 Resp: 31799
Ion Ratio Lower Upper
225 100
223 62.9 32.1 96.5
227 62.0 31.8 95.4





#95

Naphthalene

Concen: 20.223 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0503MBSD01

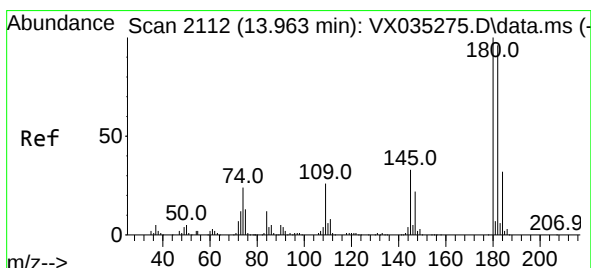
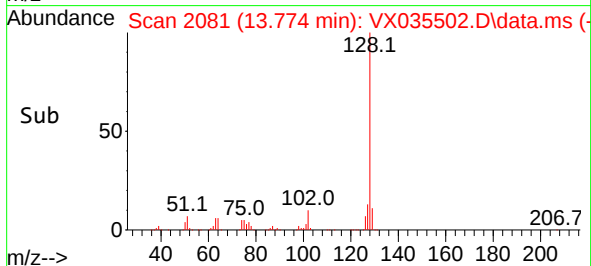
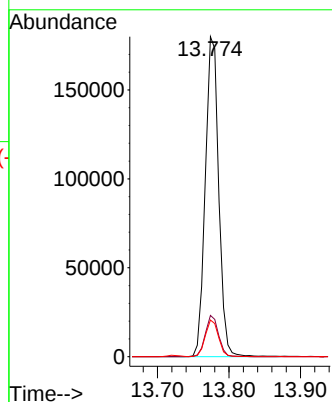
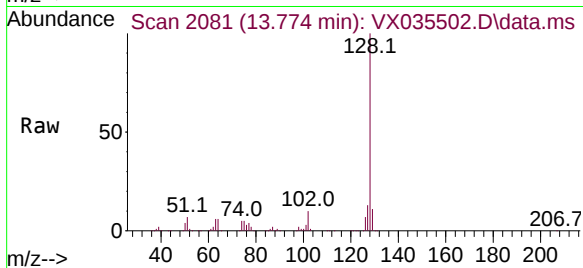
Tgt Ion:128	Resp: 234978
Ion Ratio	Lower Upper
128 100	
127 12.7	10.2 15.4
129 11.3	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.953 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035502.D

Acq: 03 May 2023 12:18

Tgt Ion:180	Resp: 72012
Ion Ratio	Lower Upper
180 100	
182 95.1	48.0 144.2
145 33.6	17.7 53.1

