

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035059.D
 Acq On : 13 Apr 2023 13:17
 Operator : JC/MD
 Sample : VX0414WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 05:40:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	306910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	502618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	220024	46.876	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.760%		
35) Dibromofluoromethane	5.379	113	171996	51.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.480%		
50) Toluene-d8	8.647	98	624081	50.860	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.720%		
62) 4-Bromofluorobenzene	11.079	95	249018	52.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54785	17.897	ug/l	97
3) Chloromethane	1.295	50	60678	15.832	ug/l	99
4) Vinyl Chloride	1.374	62	62820	16.554	ug/l	96
5) Bromomethane	1.618	94	38548	15.632	ug/l	97
6) Chloroethane	1.691	64	36766	14.891	ug/l	94
7) Trichlorofluoromethane	1.886	101	90226	14.789	ug/l	100
8) Diethyl Ether	2.130	74	37867	17.606	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	59458	18.647	ug/l	98
10) Methyl Iodide	2.453	142	64638	16.278	ug/l	96
11) Tert butyl alcohol	2.995	59	80594	97.864	ug/l	98
12) 1,1-Dichloroethene	2.319	96	54760	17.380	ug/l	98
13) Acrolein	2.239	56	81205	95.789	ug/l	99
14) Allyl chloride	2.660	41	109373	17.719	ug/l	98
15) Acrylonitrile	3.069	53	192077	103.617	ug/l	98
16) Acetone	2.392	43	185931	97.512	ug/l	100
17) Carbon Disulfide	2.508	76	117136	14.844	ug/l	100
18) Methyl Acetate	2.703	43	139848	20.642	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	221949	19.026	ug/l	96
20) Methylene Chloride	2.788	84	67121	17.839	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	60779	17.687	ug/l	99
22) Diisopropyl ether	3.757	45	236621	18.998	ug/l	95
23) Vinyl Acetate	3.721	43	845752	95.213	ug/l	99
24) 1,1-Dichloroethane	3.605	63	120812	18.028	ug/l	98
25) 2-Butanone	4.562	43	278163	100.288	ug/l	98
26) 2,2-Dichloropropane	4.471	77	94248	17.102	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	74140	18.209	ug/l	99
28) Bromochloromethane	4.898	49	80118	24.440	ug/l	97
29) Tetrahydrofuran	5.007	42	174361	100.348	ug/l	100
30) Chloroform	5.087	83	124626	18.310	ug/l	97
31) Cyclohexane	5.471	56	102197	17.881	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	105712	18.200	ug/l	99
36) 1,1-Dichloropropene	5.690	75	89795	18.232	ug/l	99
37) Ethyl Acetate	4.709	43	102896	19.980	ug/l	98
38) Carbon Tetrachloride	5.678	117	87403	18.823	ug/l	96
39) Methylcyclohexane	7.379	83	92250	17.638	ug/l	97
40) Benzene	6.038	78	264891	18.736	ug/l	98

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Manual Integrations
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Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59424	21.217	ug/l	99
42) 1,2-Dichloroethane	6.086	62	103238	18.367	ug/l	98
43) Isopropyl Acetate	6.336	43	169042	19.620	ug/l	98
44) Trichloroethene	7.129	130	67888	18.810	ug/l	97
45) 1,2-Dichloropropane	7.428	63	71737	19.471	ug/l	98
46) Dibromomethane	7.580	93	47906	18.898	ug/l	98
47) Bromodichloromethane	7.818	83	89518	19.118	ug/l	100
48) Methyl methacrylate	7.696	41	84356	19.936	ug/l	97
49) 1,4-Dioxane	7.702	88	37545	430.569	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	531100	104.154	ug/l	98
52) Toluene	8.720	92	170533	18.499	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	94199	18.701	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	106417	19.305	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	70965	20.340	ug/l	97
56) Ethyl methacrylate	9.116	69	111368	20.373	ug/l	96
57) 1,3-Dichloropropane	9.305	76	122371	19.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	267532	96.117	ug/l	98
59) 2-Hexanone	9.427	43	406884	105.497	ug/l	99
60) Dibromochloromethane	9.519	129	67249	20.234	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74060	20.413	ug/l	99
64) Tetrachloroethene	9.275	164	60925	19.010	ug/l	96
65) Chlorobenzene	10.080	112	180788	19.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65245	20.364	ug/l	99
67) Ethyl Benzene	10.195	91	322493	19.106	ug/l	99
68) m/p-Xylenes	10.299	106	247129	38.328	ug/l	99
69) o-Xylene	10.640	106	124185	19.661	ug/l	99
70) Styrene	10.653	104	205054	20.336	ug/l	98
71) Bromoform	10.799	173	44443	20.395	ug/l #	100
73) Isopropylbenzene	10.964	105	315416	19.442	ug/l	99
74) N-amyl acetate	10.842	43	143826	19.718	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	109030	20.505	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88560m	19.845	ug/l	
77) Bromobenzene	11.201	156	76082	18.926	ug/l	98
78) n-propylbenzene	11.305	91	352419	18.804	ug/l	100
79) 2-Chlorotoluene	11.366	91	223900	18.922	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	262308	19.338	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26221	17.609	ug/l	87
82) 4-Chlorotoluene	11.457	91	259976	18.920	ug/l	100
83) tert-Butylbenzene	11.713	119	254638	19.991	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	264581	19.180	ug/l	100
85) sec-Butylbenzene	11.890	105	301823	19.477	ug/l	99
86) p-Isopropyltoluene	12.012	119	253383	19.609	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	144196	19.697	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	147864	19.339	ug/l	99
89) n-Butylbenzene	12.335	91	213237	18.888	ug/l	99
90) Hexachloroethane	12.543	117	37602	18.782	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	141427	19.289	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22529	20.299	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	85169	20.538	ug/l	99
94) Hexachlorobutadiene	13.725	225	37260	20.429	ug/l	97
95) Naphthalene	13.780	128	314493	21.344	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87093	20.826	ug/l	98

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Sample : VX0414WBSD01
Misc : 5.0mL/MSVOA_X/WATER
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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

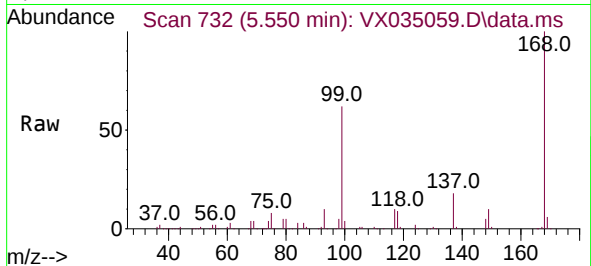
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

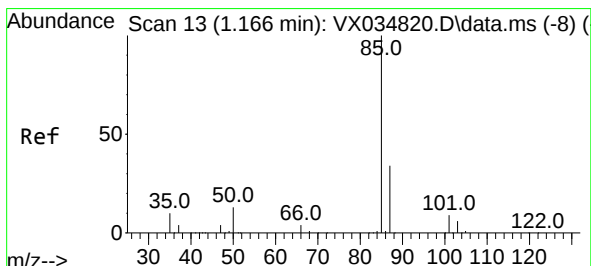
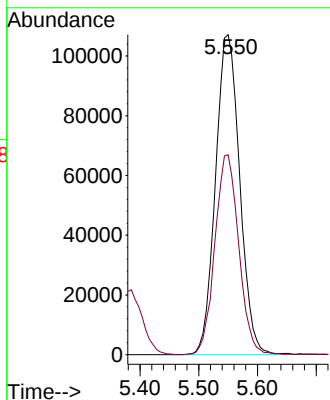
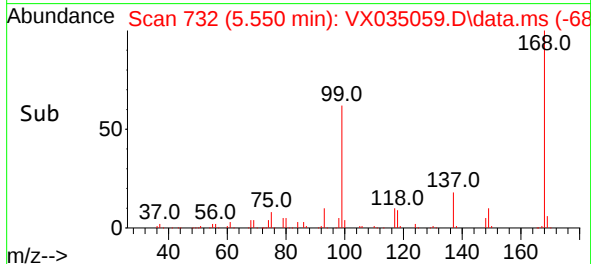
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion:168 Resp: 306910
Ion Ratio Lower Upper
168 100
99 62.4 45.7 68.5

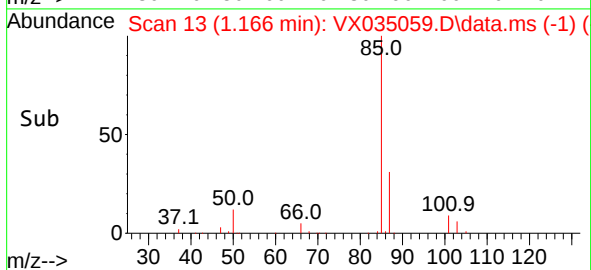
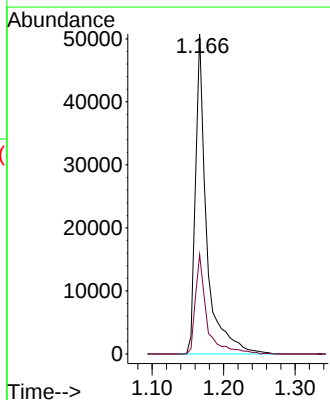
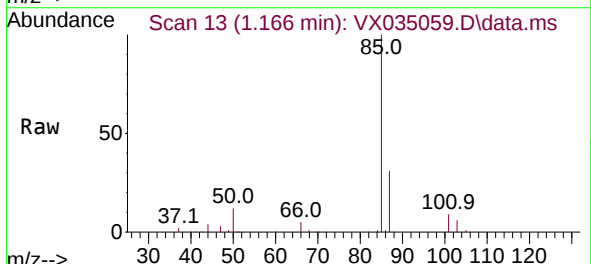
Manual Integrations
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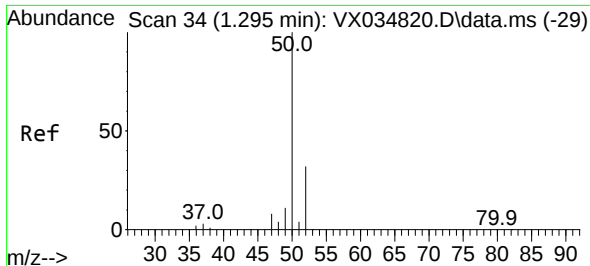
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#2
Dichlorodifluoromethane
Concen: 17.897 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

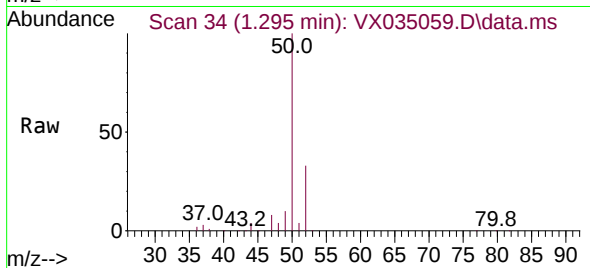
Tgt Ion: 85 Resp: 54785
Ion Ratio Lower Upper
85 100
87 31.0 16.4 49.1





#3
Chloromethane
Concen: 15.832 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

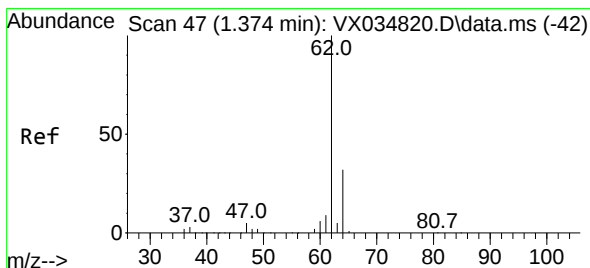
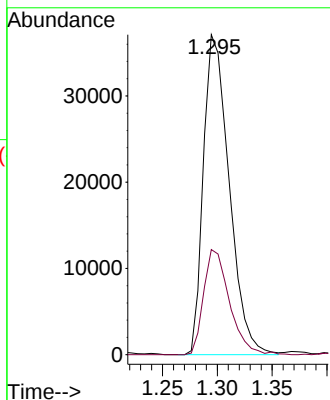
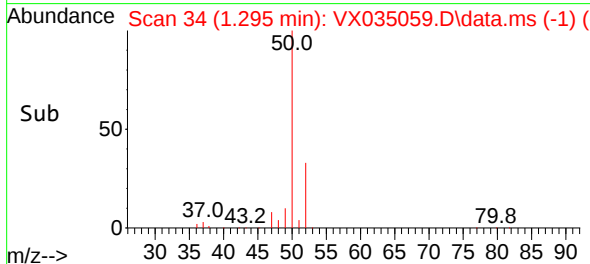
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 50 Resp: 60678
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

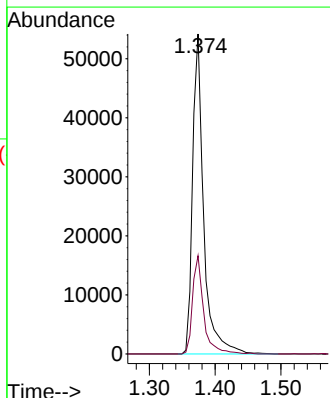
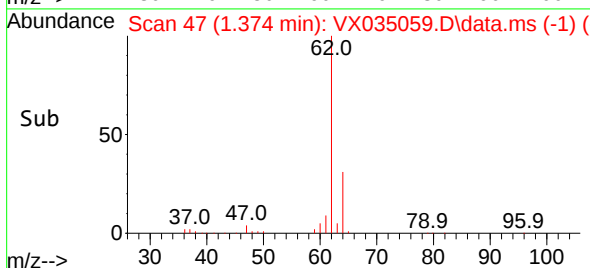
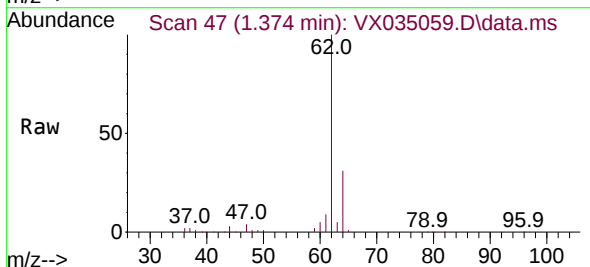
Manual Integrations
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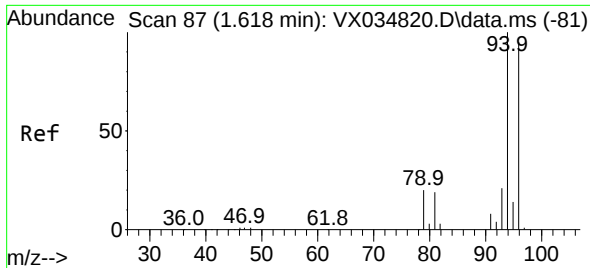
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#4
Vinyl Chloride
Concen: 16.554 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

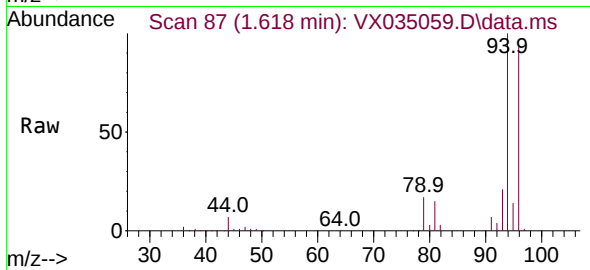
Tgt Ion: 62 Resp: 62820
Ion Ratio Lower Upper
62 100
64 30.7 26.4 39.6





#5
 Bromomethane
 Concen: 15.632 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17

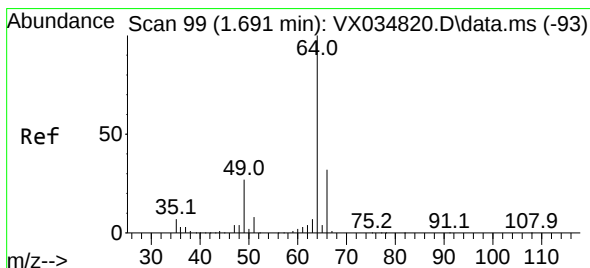
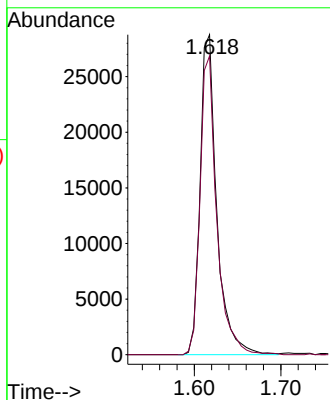
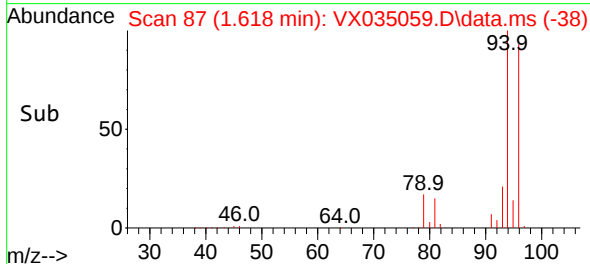
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01



Tgt Ion: 94 Resp: 3854
 Ion Ratio Lower Upper
 94 100
 96 93.3 77.0 115.6

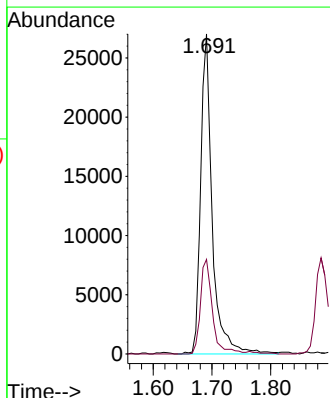
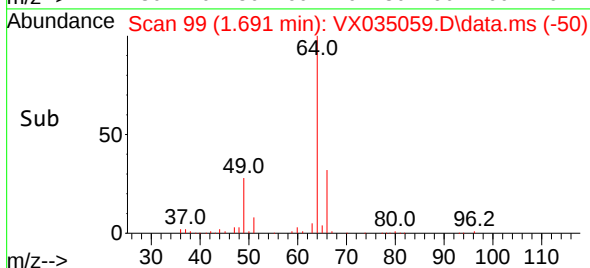
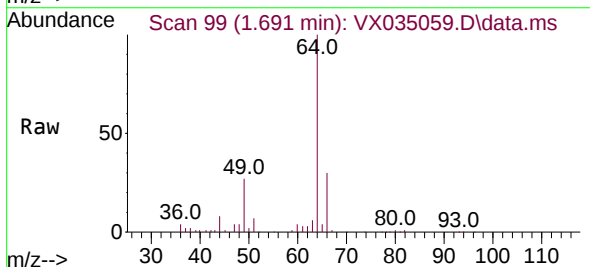
Manual Integrations
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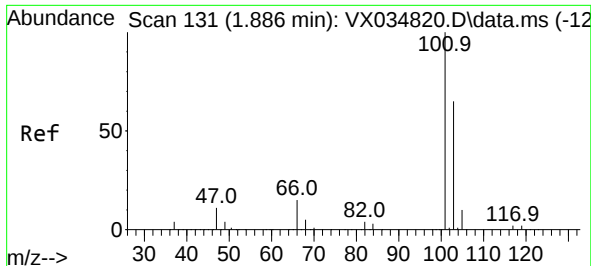
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#6
 Chloroethane
 Concen: 14.891 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17

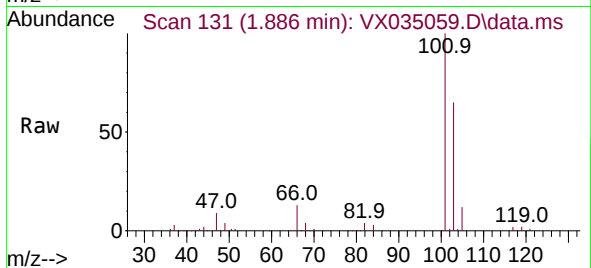
Tgt Ion: 64 Resp: 36766
 Ion Ratio Lower Upper
 64 100
 66 29.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 14.789 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

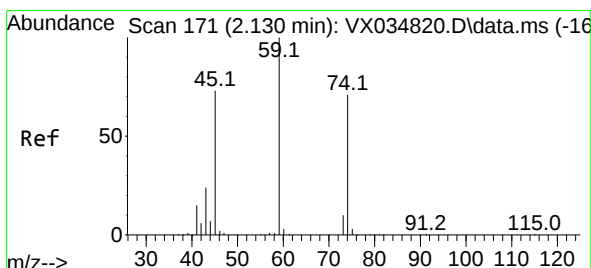
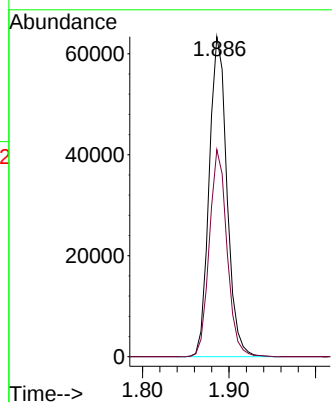
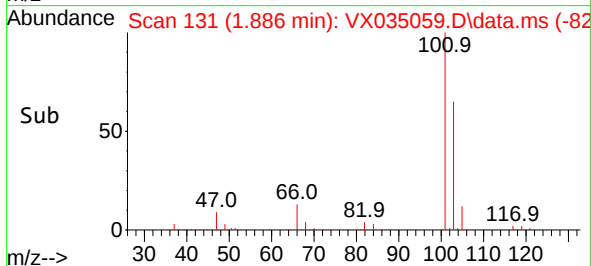
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



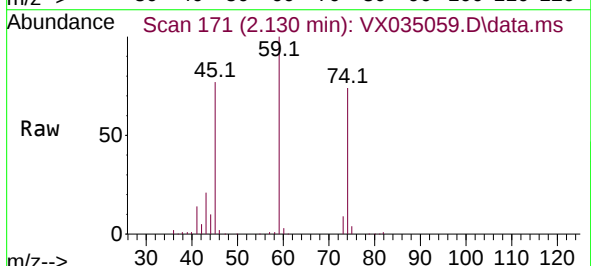
Tgt Ion:101 Resp: 90220
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

Manual Integrations
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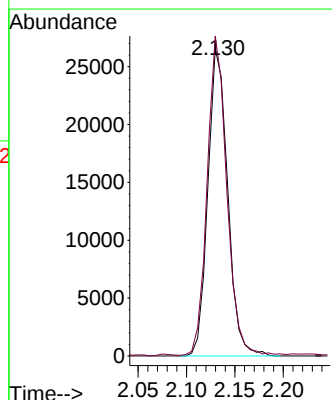
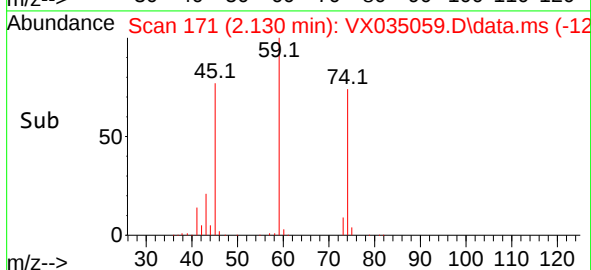
Reviewed By :John Carlone 04/14/2023
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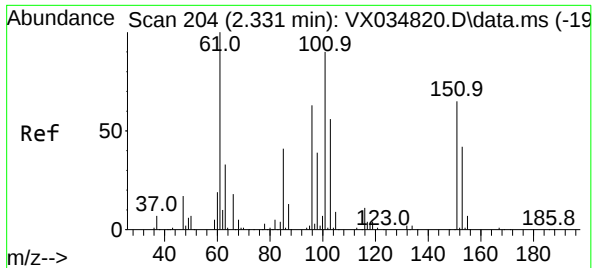


#8
Diethyl Ether
Concen: 17.606 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



Tgt Ion: 74 Resp: 37867
Ion Ratio Lower Upper
74 100
45 103.0 49.8 149.3





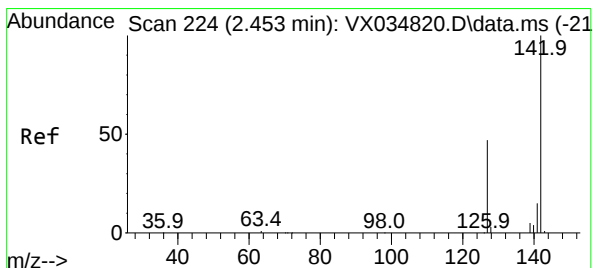
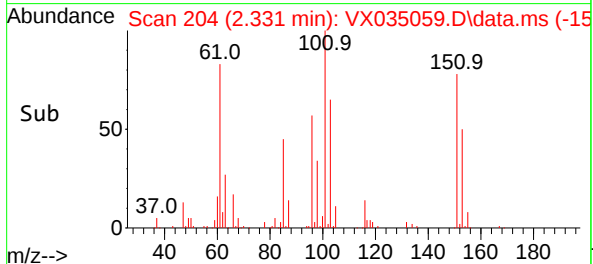
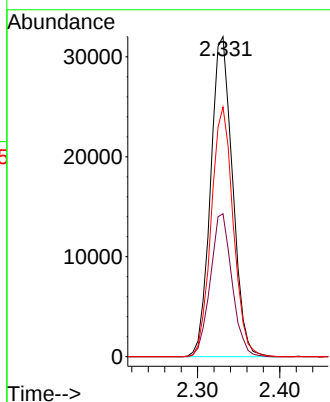
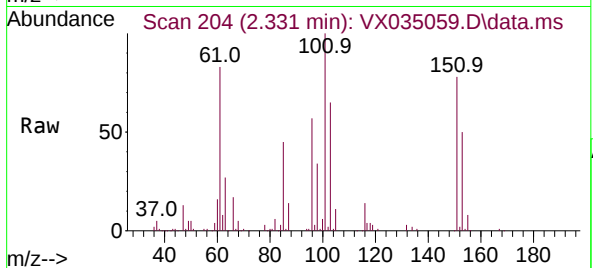
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.647 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion:101 Resp: 59458
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.2
151 78.2 60.2 90.4

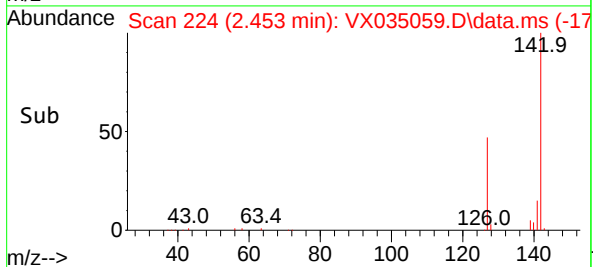
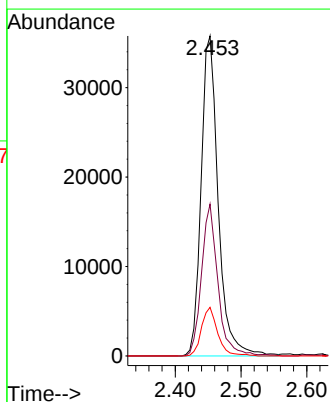
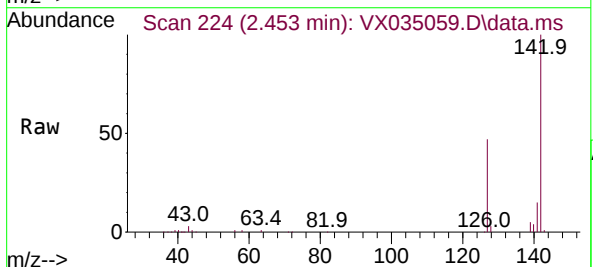
Manual Integrations
APPROVED

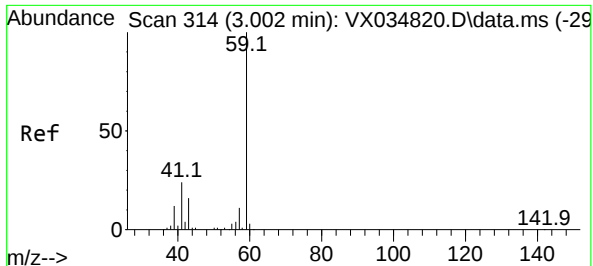
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#10
Methyl Iodide
Concen: 16.278 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Tgt Ion:142 Resp: 64638
Ion Ratio Lower Upper
142 100
127 45.7 34.0 51.0
141 14.4 11.1 16.7





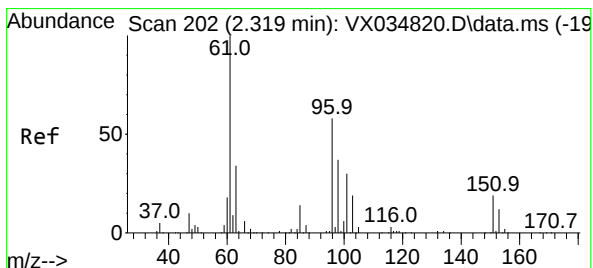
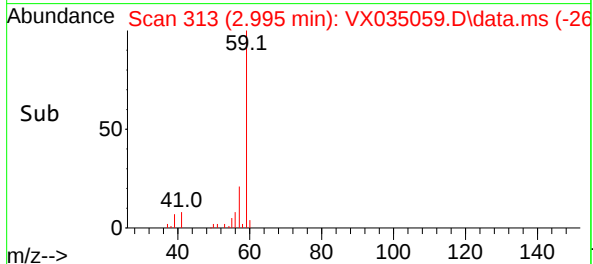
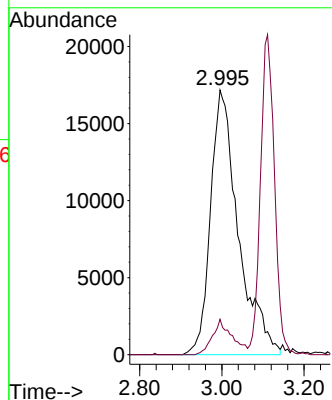
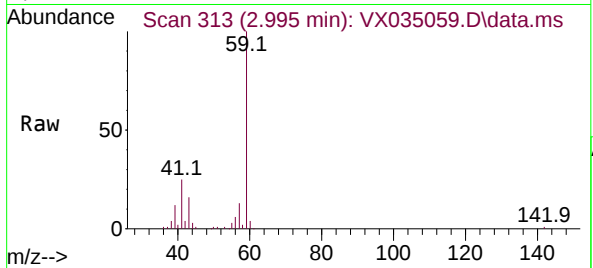
#11
Tert butyl alcohol
Concen: 97.864 ug/l
RT: 2.995 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion: 59 Resp: 80594
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

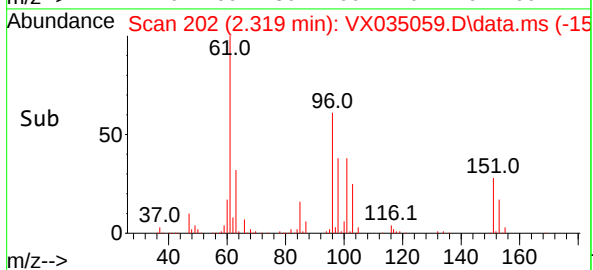
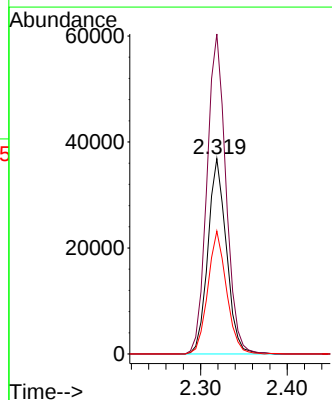
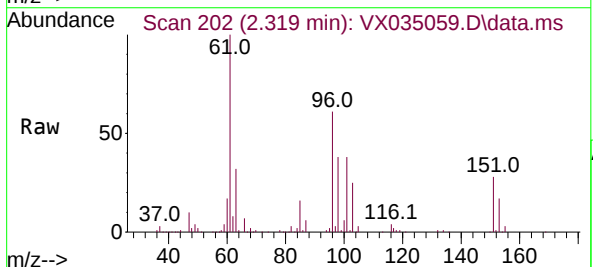
Manual Integrations
APPROVED

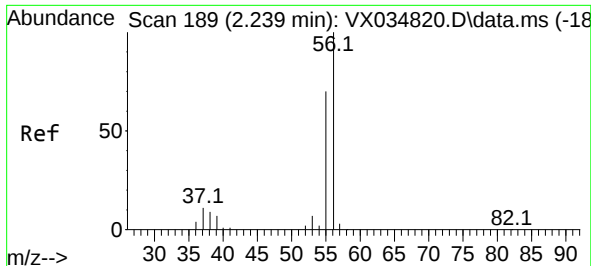
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#12
1,1-Dichloroethene
Concen: 17.380 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

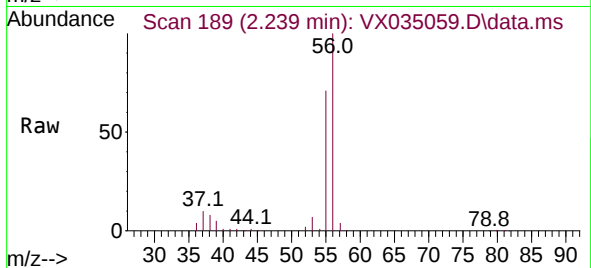
Tgt Ion: 96 Resp: 54760
Ion Ratio Lower Upper
96 100
61 163.8 128.8 193.2
98 62.9 51.4 77.0





#13
Acrolein
Concen: 95.789 ug/l
RT: 2.239 min Scan# 118
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

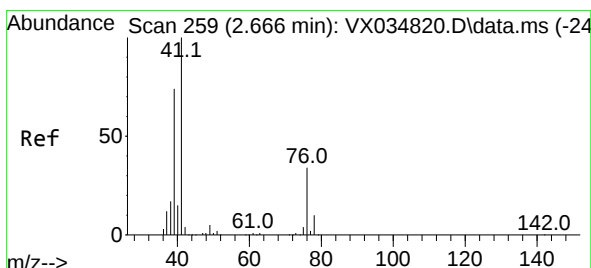
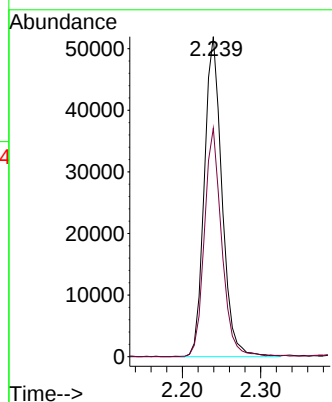
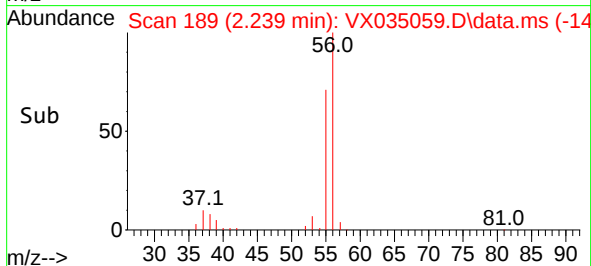
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 56 Resp: 8120
Ion Ratio Lower Upper
56 100
55 69.9 56.6 85.0

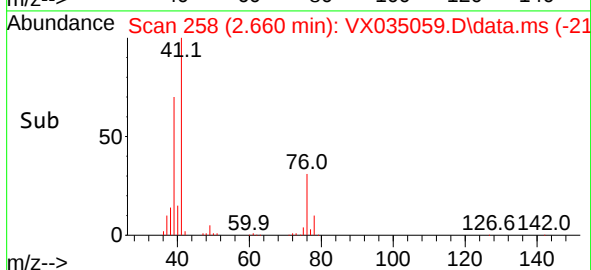
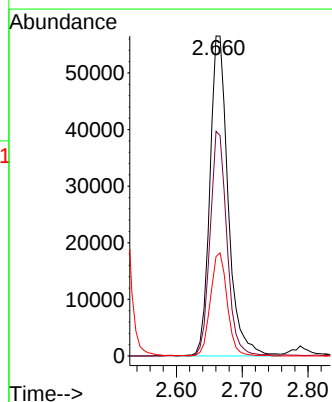
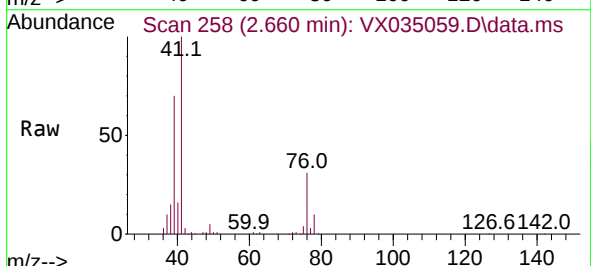
Manual Integrations
APPROVED

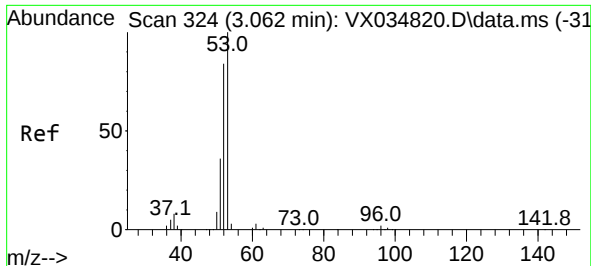
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Allyl chloride
Concen: 17.719 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

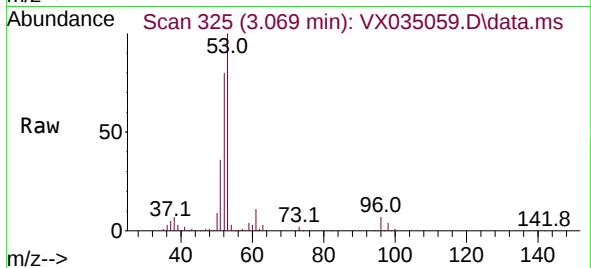
Tgt Ion: 41 Resp: 109373
Ion Ratio Lower Upper
41 100
39 64.8 52.4 78.6
76 29.5 26.0 39.0





#15
Acrylonitrile
Concen: 103.617 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

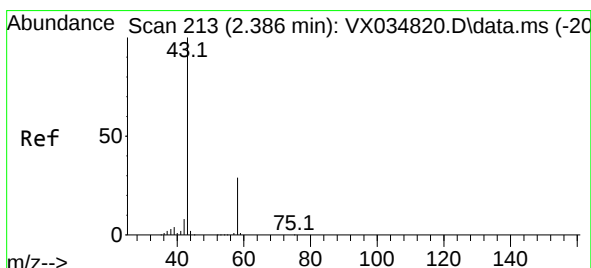
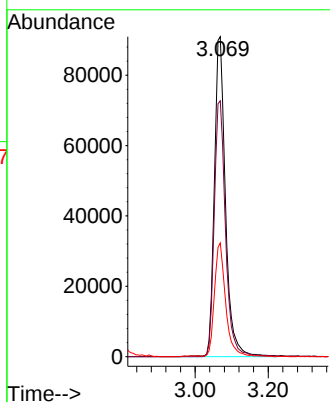
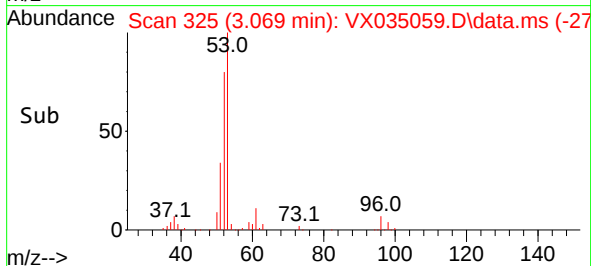
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 53 Resp: 19207
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.2
51 36.0 28.3 42.5

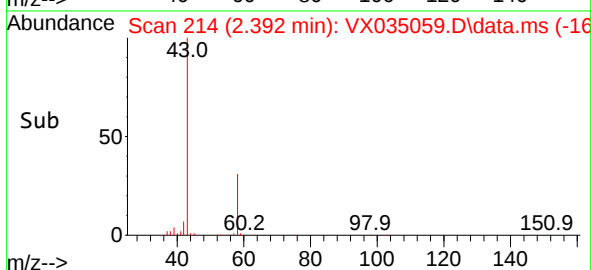
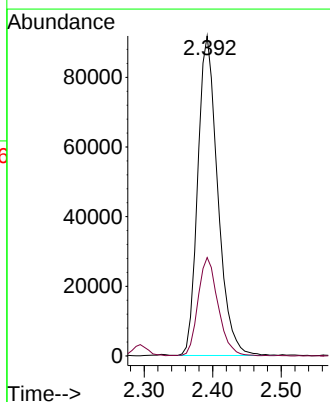
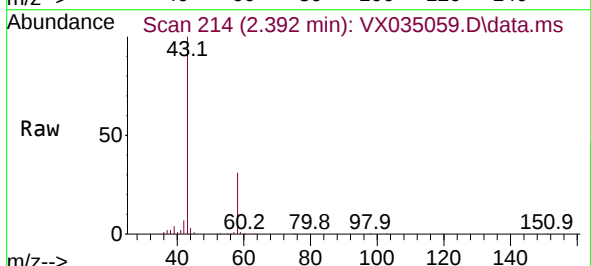
Manual Integrations
APPROVED

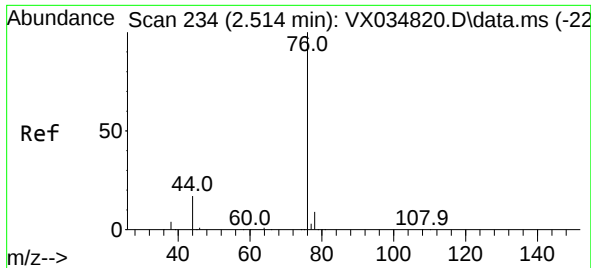
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#16
Acetone
Concen: 97.512 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Tgt Ion: 43 Resp: 185931
Ion Ratio Lower Upper
43 100
58 30.6 24.7 37.1





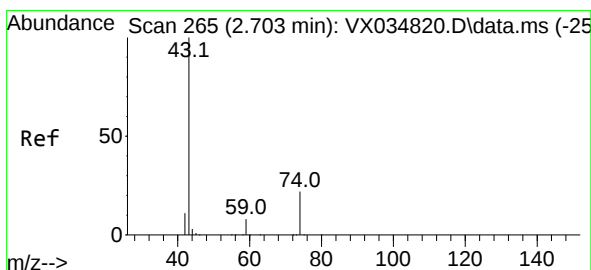
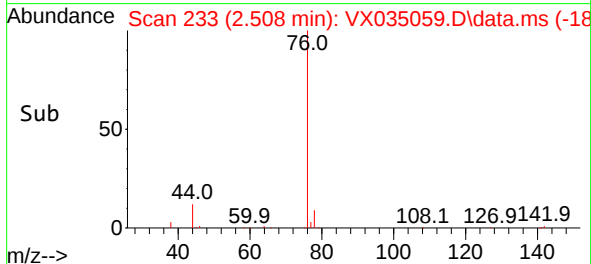
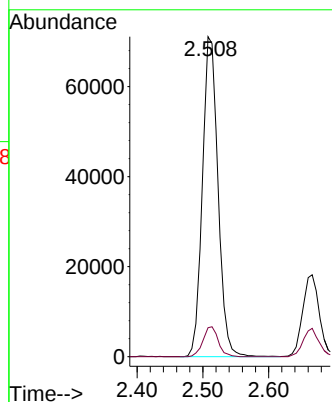
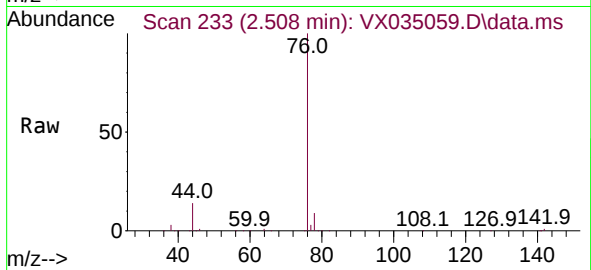
#17
Carbon Disulfide
Concen: 14.844 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion: 76 Resp: 117130
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

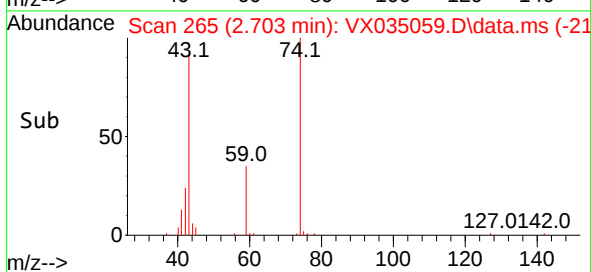
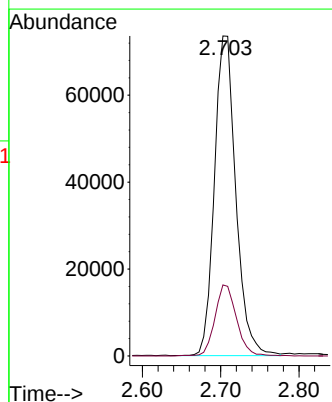
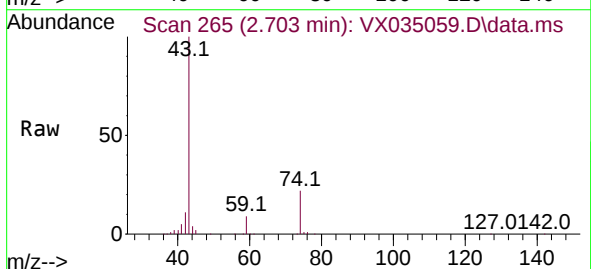
Manual Integrations
APPROVED

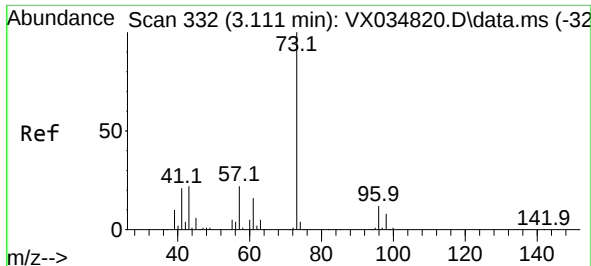
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#18
Methyl Acetate
Concen: 20.642 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

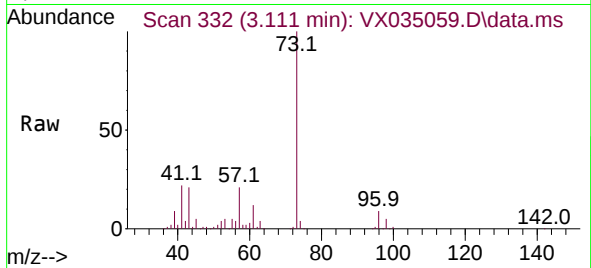
Tgt Ion: 43 Resp: 139848
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 19.026 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

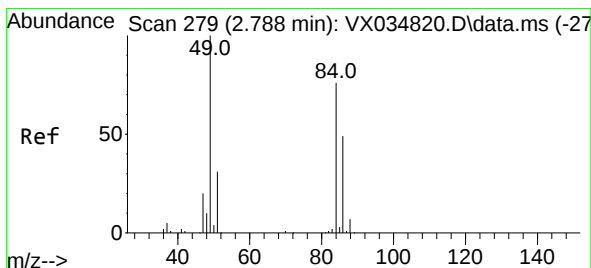
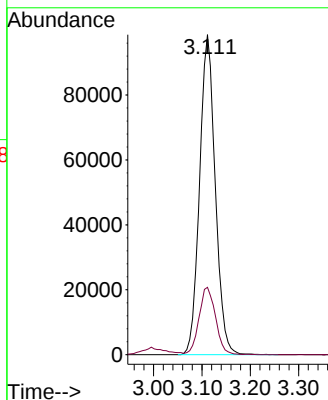
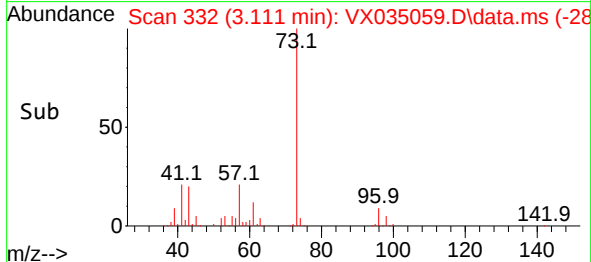
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 73 Resp: 221949
Ion Ratio Lower Upper
73 100
57 21.1 18.5 27.7

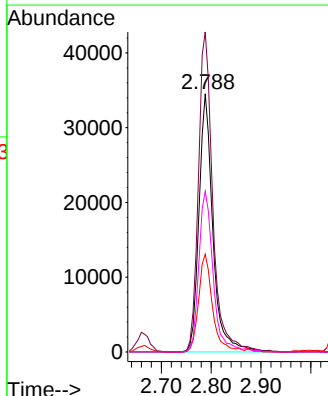
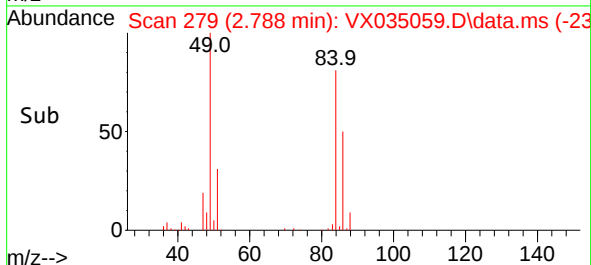
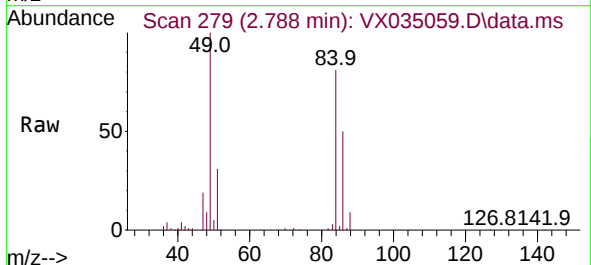
Manual Integrations
APPROVED

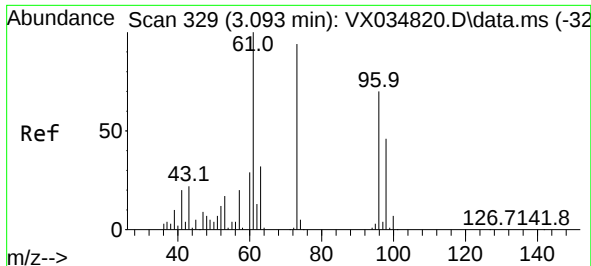
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#20
Methylene Chloride
Concen: 17.839 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Tgt Ion: 84 Resp: 67121
Ion Ratio Lower Upper
84 100
49 123.9 103.8 155.8
51 37.9 31.8 47.8
86 62.2 51.4 77.2





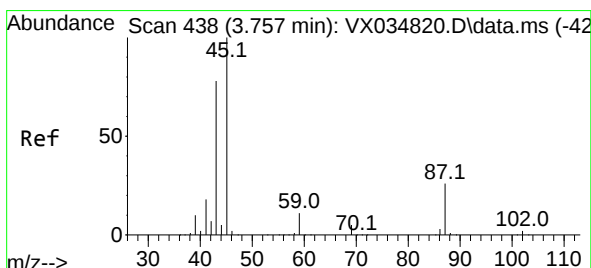
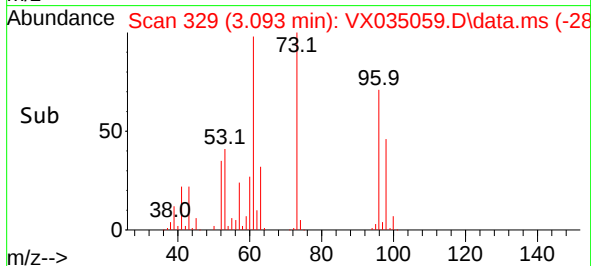
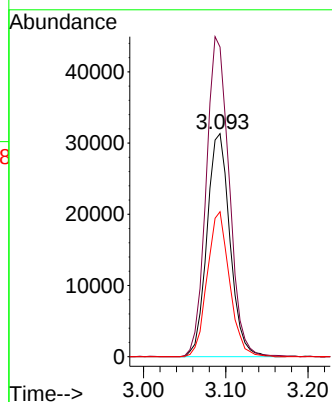
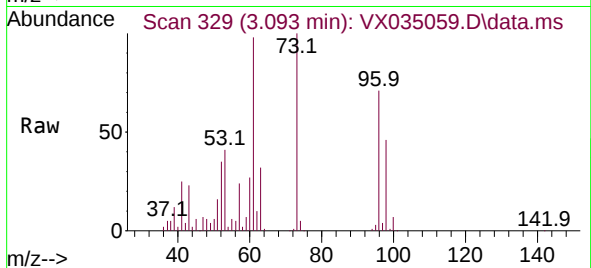
#21
trans-1,2-Dichloroethene
Concen: 17.687 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion: 96 Resp: 60779
Ion Ratio Lower Upper
96 100
61 138.8 113.0 169.6
98 65.0 52.1 78.1

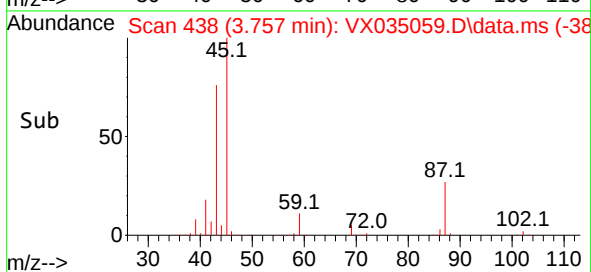
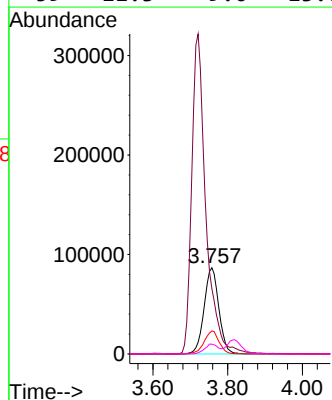
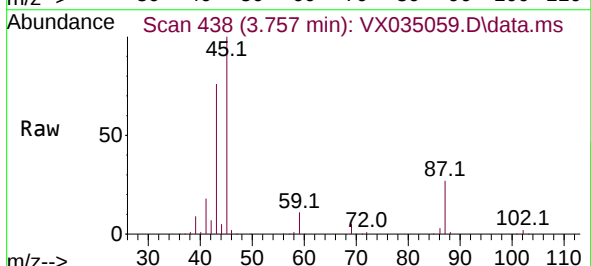
Manual Integrations
APPROVED

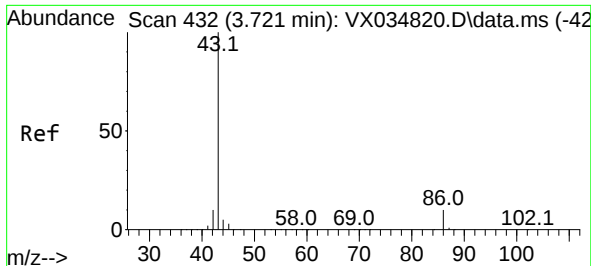
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#22
Diisopropyl ether
Concen: 18.998 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

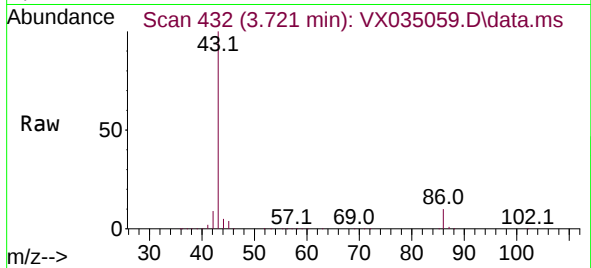
Tgt Ion: 45 Resp: 236621
Ion Ratio Lower Upper
45 100
43 75.4 65.4 98.2
87 26.8 20.6 31.0
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 95.213 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17

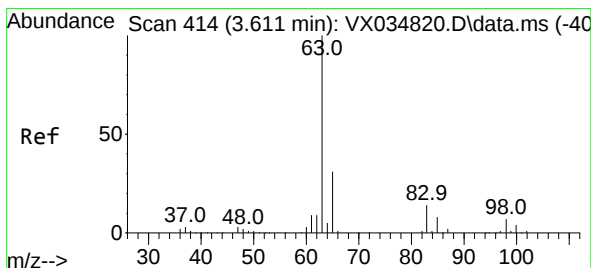
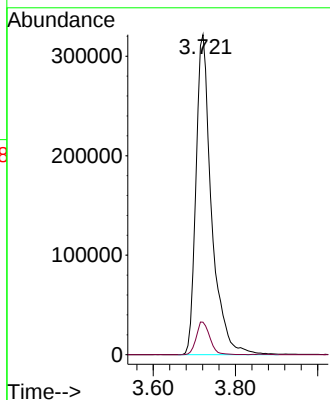
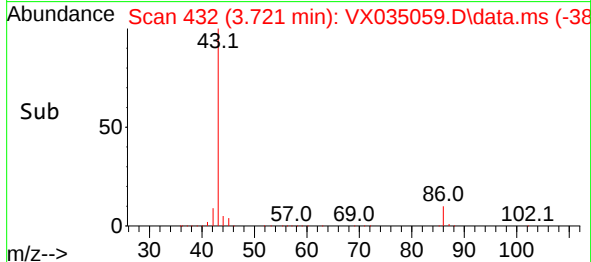
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01



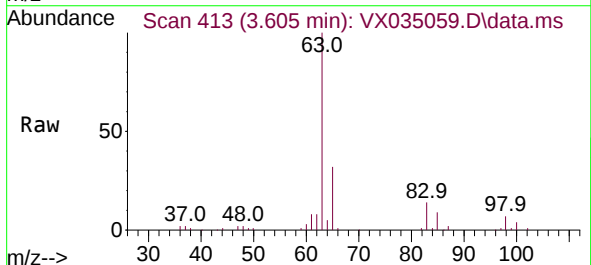
Tgt Ion: 43 Resp: 845752
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

Manual Integrations
 APPROVED

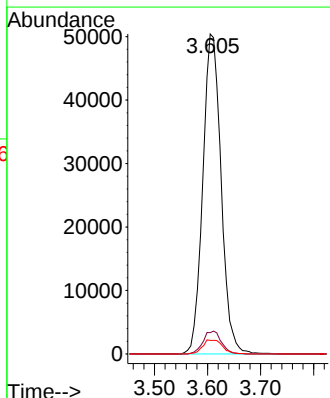
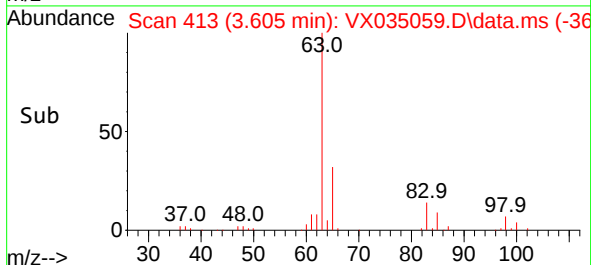
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

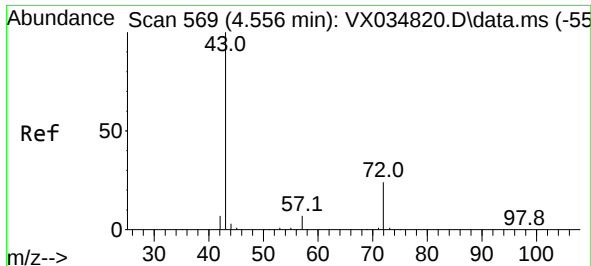


#24
 1,1-Dichloroethane
 Concen: 18.028 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17



Tgt Ion: 63 Resp: 120812
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.3 2.4 7.1





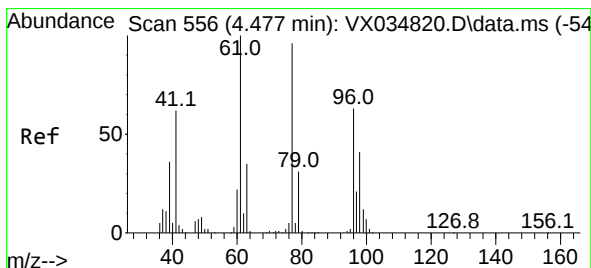
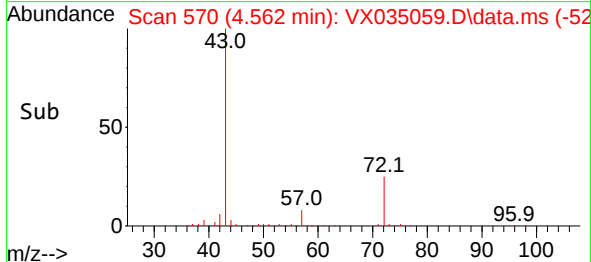
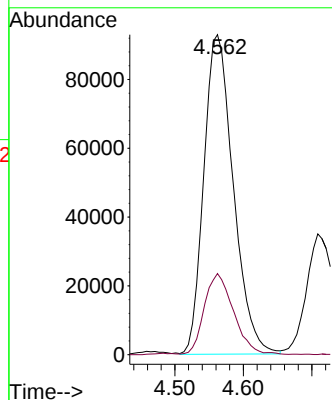
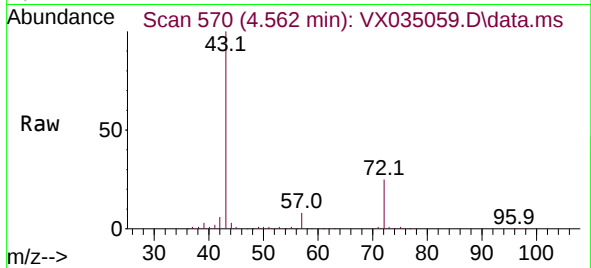
#25
2-Butanone
Concen: 100.288 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion: 43 Resp: 27816
Ion Ratio Lower Upper
43 100
72 25.2 19.3 28.9

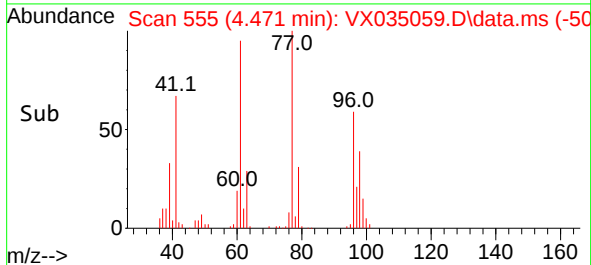
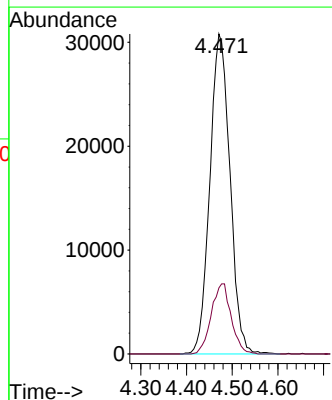
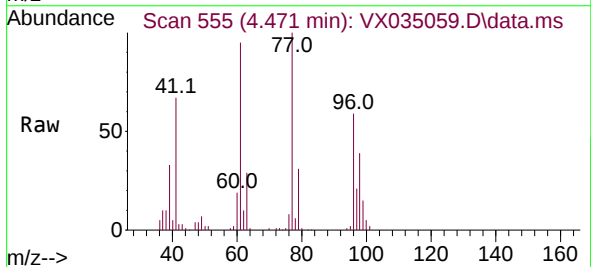
Manual Integrations
APPROVED

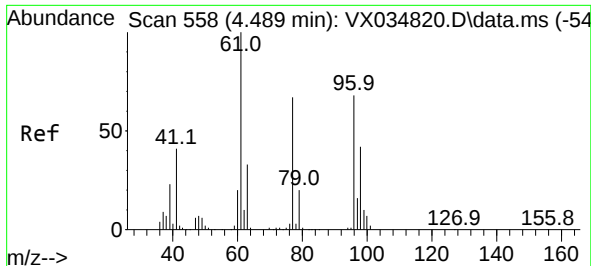
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#26
2,2-Dichloropropane
Concen: 17.102 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Tgt Ion: 77 Resp: 94248
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.209 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

Tgt Ion: 96 Resp: 74140

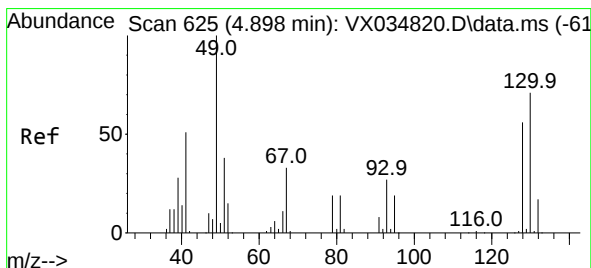
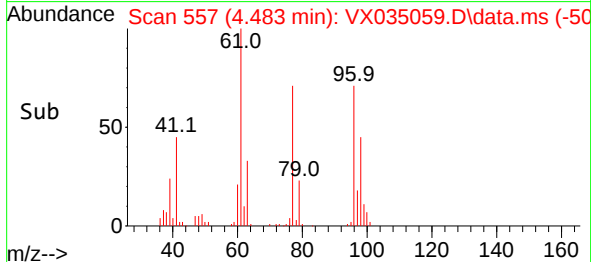
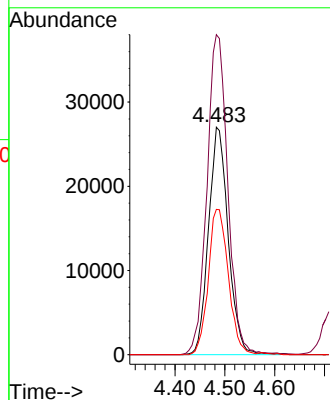
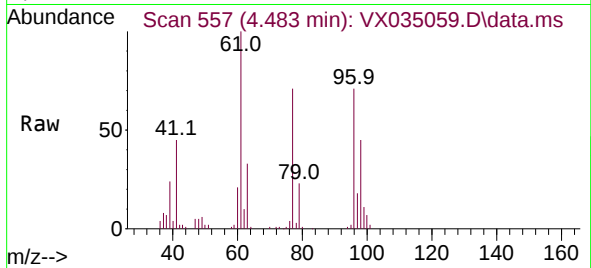
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	300.4
98	65.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#28

Bromochloromethane

Concen: 24.440 ug/l

RT: 4.898 min Scan# 625

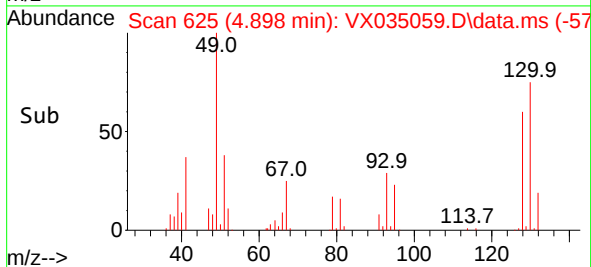
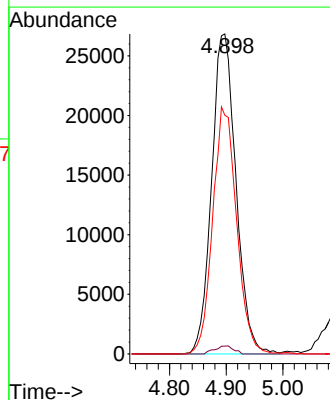
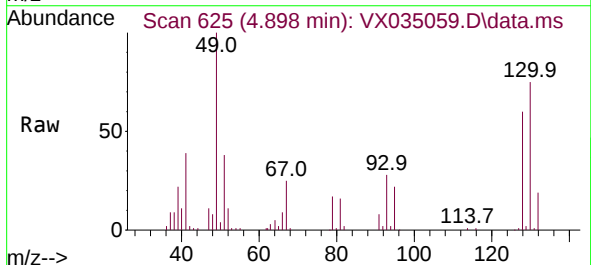
Delta R.T. 0.000 min

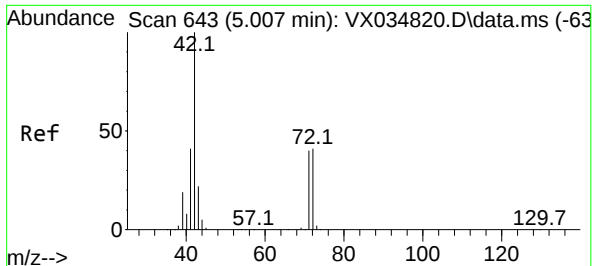
Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Tgt Ion: 49 Resp: 80118

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	75.6	58.2	87.2





#29

Tetrahydrofuran

Concen: 100.348 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

Tgt Ion: 42 Resp: 17436

Ion Ratio Lower Upper

42 100

72 43.2 34.5 51.7

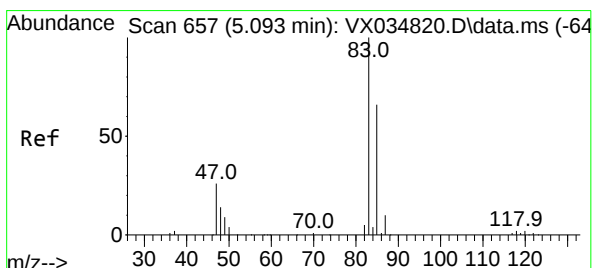
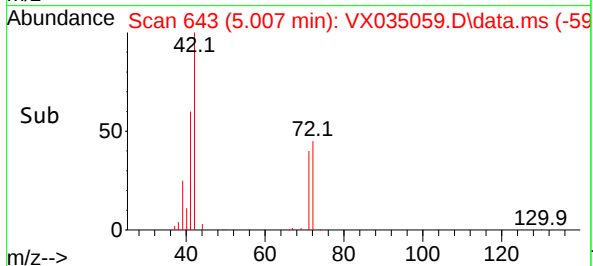
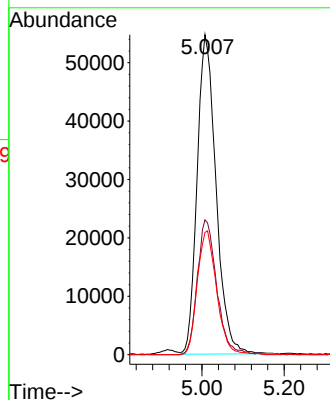
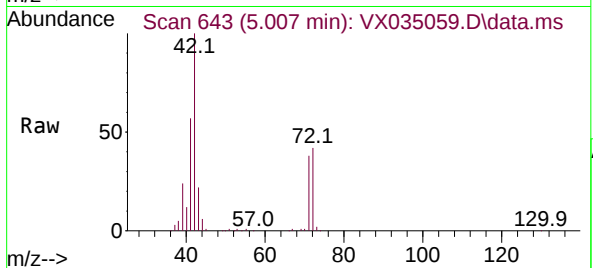
71 39.6 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Chloroform

Concen: 18.310 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035059.D

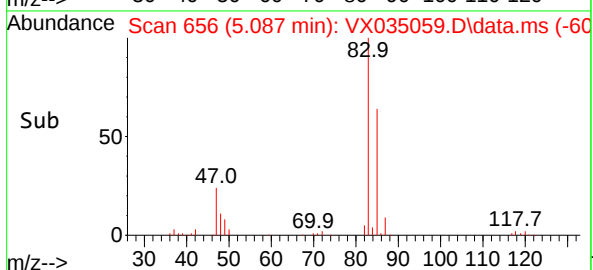
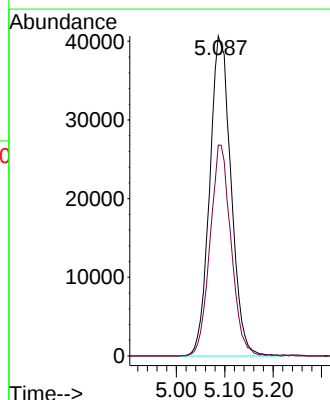
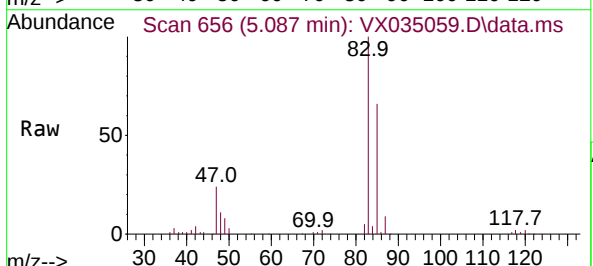
Acq: 13 Apr 2023 13:17

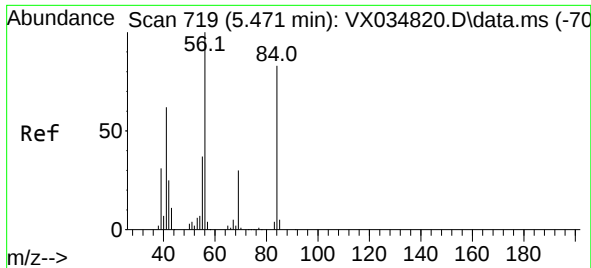
Tgt Ion: 83 Resp: 124626

Ion Ratio Lower Upper

83 100

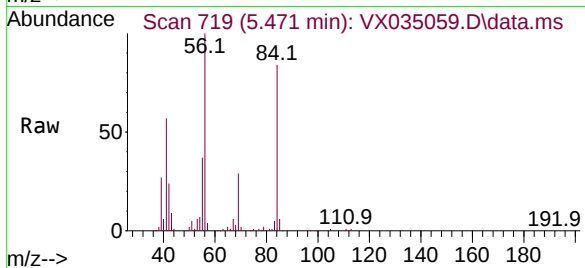
85 65.9 50.6 76.0





#31
Cyclohexane
Concen: 17.881 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

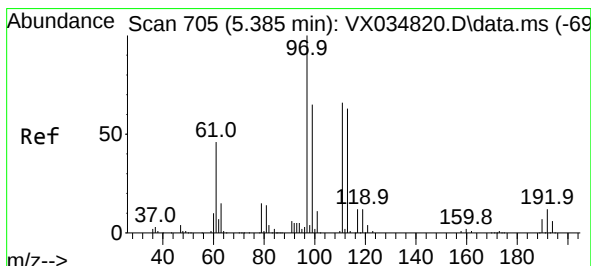
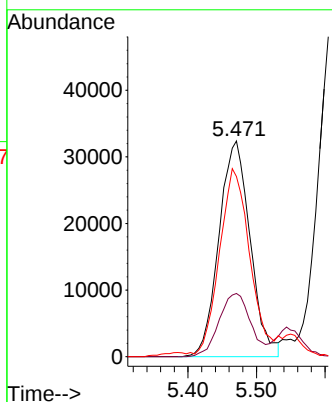
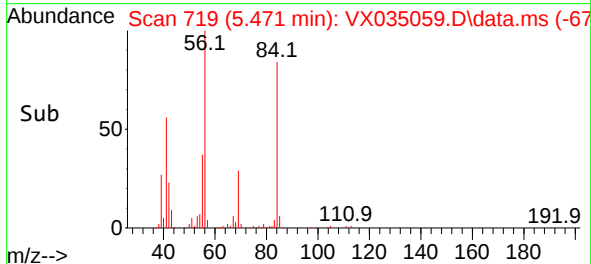
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 56 Resp: 102197
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 81.6 68.5 102.7

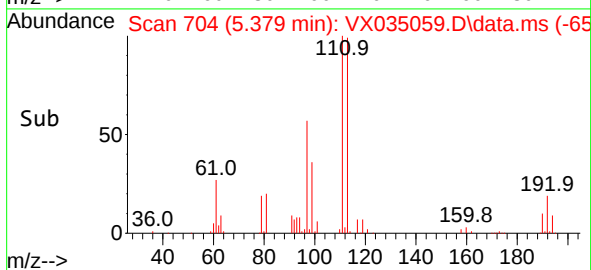
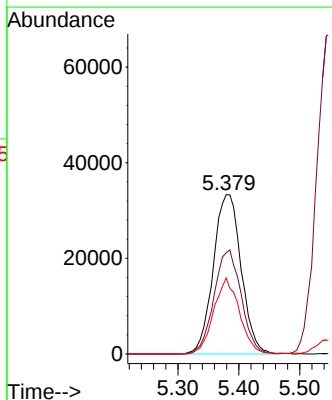
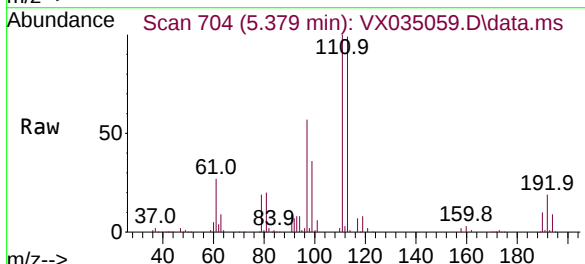
Manual Integrations
APPROVED

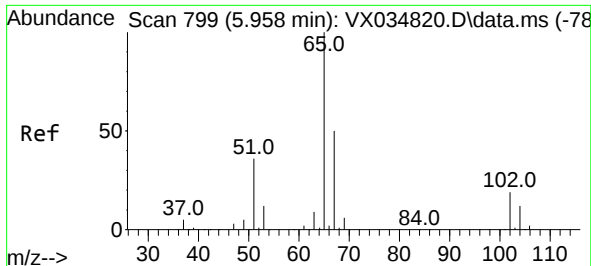
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#32
1,1,1-Trichloroethane
Concen: 18.200 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

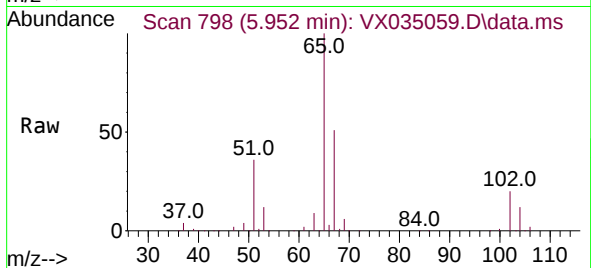
Tgt Ion: 97 Resp: 105712
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 44.2 36.5 54.7





#33
 1,2-Dichloroethane-d4
 Concen: 46.876 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17

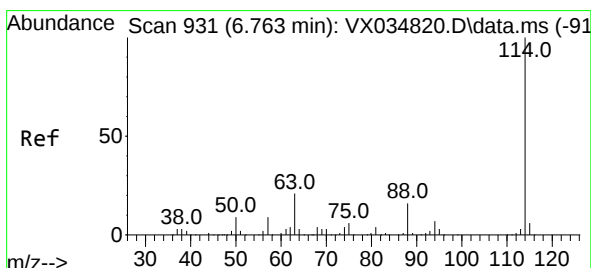
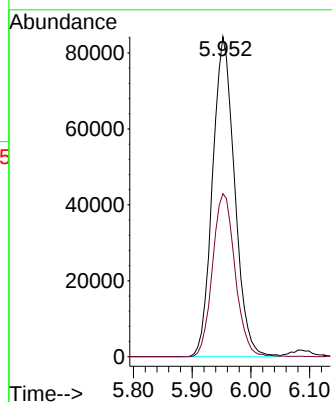
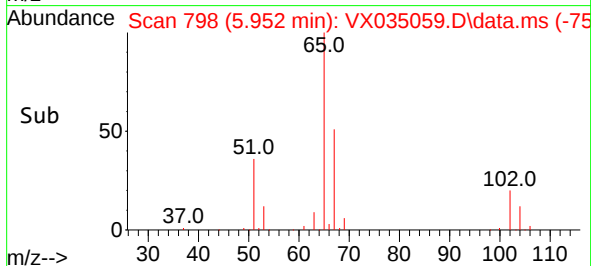
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01



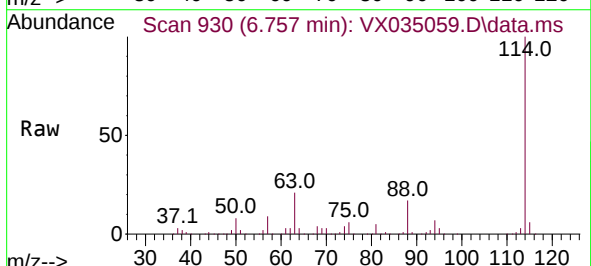
Tgt Ion: 65 Resp: 220024
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0

Manual Integrations
 APPROVED

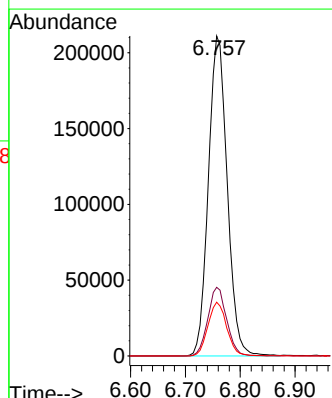
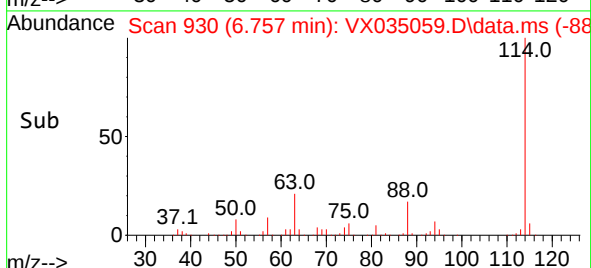
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

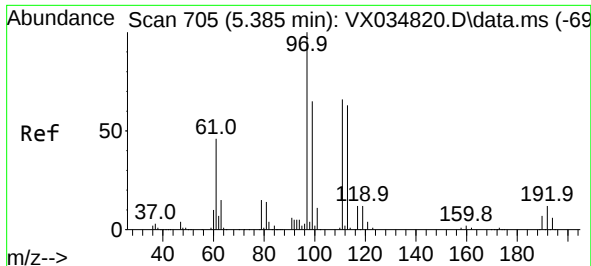


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17



Tgt Ion:114 Resp: 502618
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.2
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.737 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035059.D

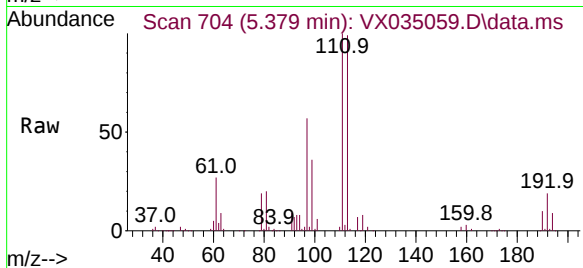
Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01



Tgt Ion: 113 Resp: 171990

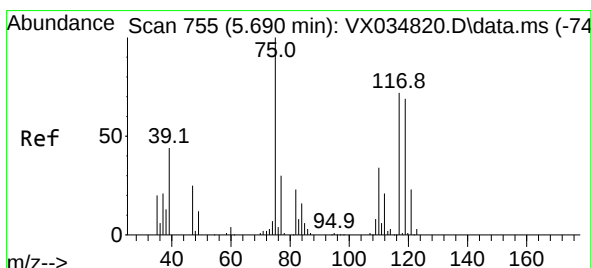
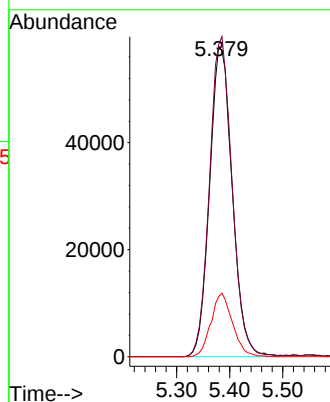
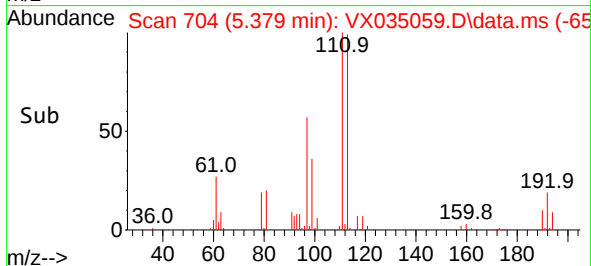
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.7	125.5
192	19.5	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#36

1,1-Dichloropropene

Concen: 18.232 ug/l

RT: 5.690 min Scan# 755

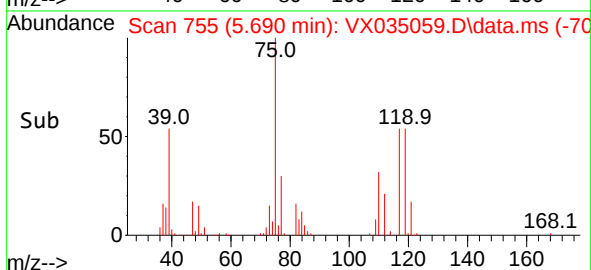
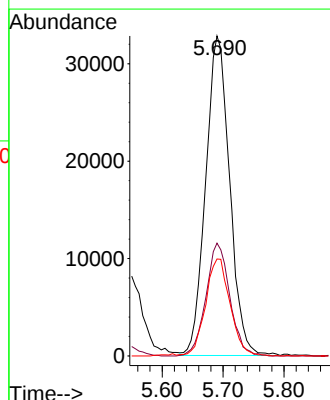
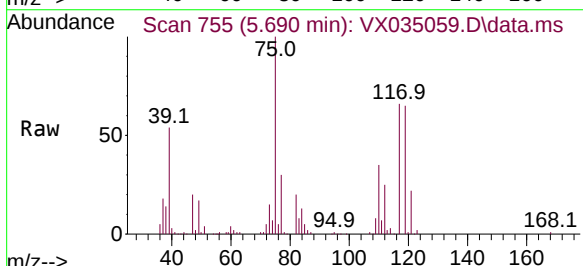
Delta R.T. 0.000 min

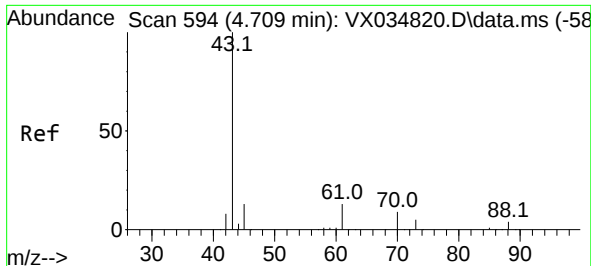
Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Tgt Ion: 75 Resp: 89795

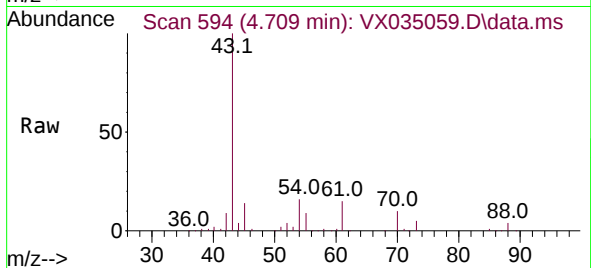
Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.5	52.5
77	31.1	24.3	36.5





#37
Ethyl Acetate
Concen: 19.980 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

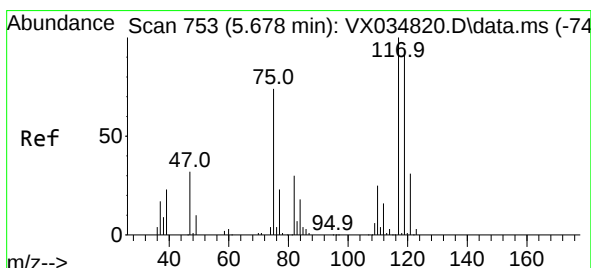
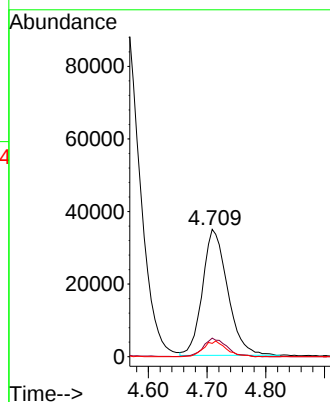
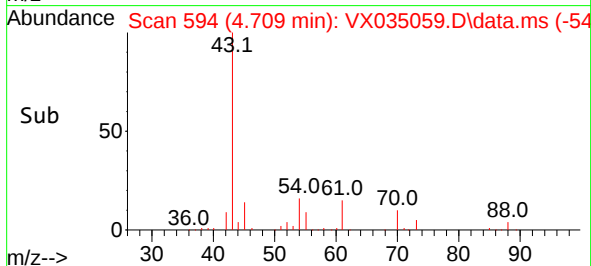
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 43 Resp: 102890
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.4
70 11.2 8.2 12.4

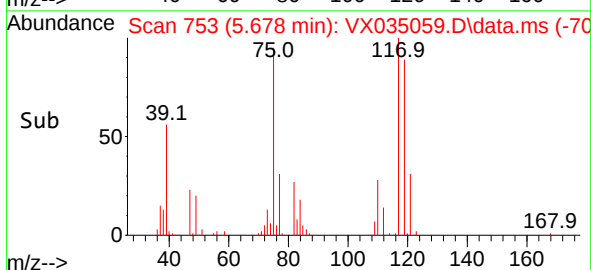
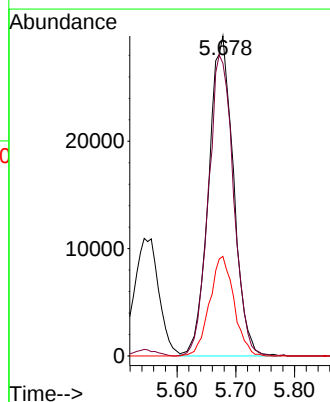
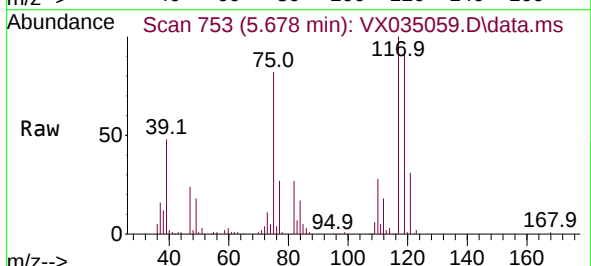
Manual Integrations
APPROVED

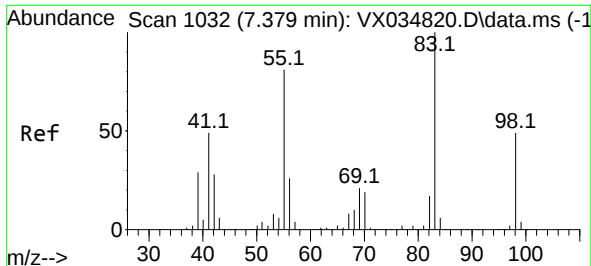
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#38
Carbon Tetrachloride
Concen: 18.823 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Tgt Ion:117 Resp: 87403
Ion Ratio Lower Upper
117 100
119 91.2 76.6 114.8
121 31.1 23.8 35.6





#39

Methylcyclohexane

Concen: 17.638 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

Tgt Ion: 83 Resp: 92250

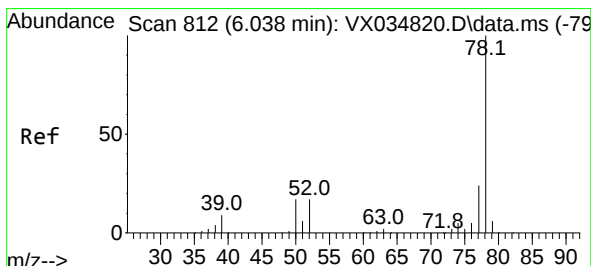
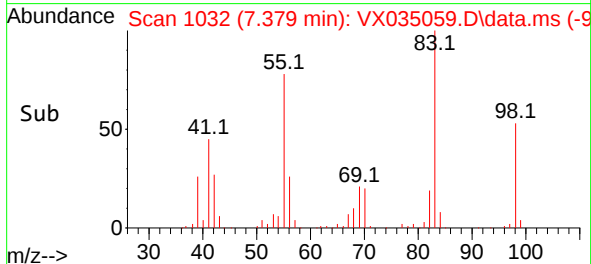
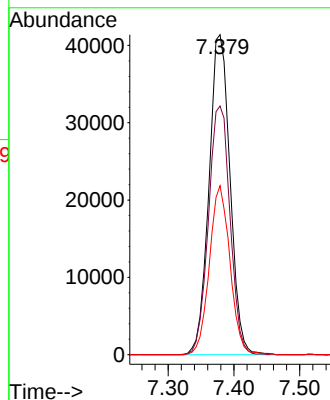
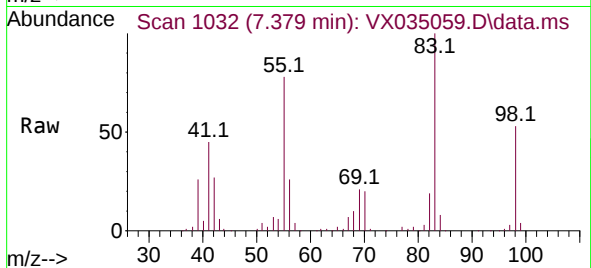
Ion	Ratio	Lower	Upper
83	100		
55	77.7	60.5	90.7
98	52.8	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#40

Benzene

Concen: 18.736 ug/l

RT: 6.038 min Scan# 812

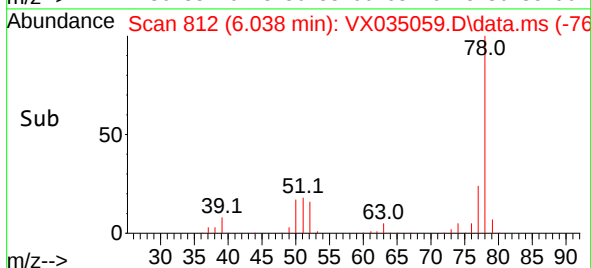
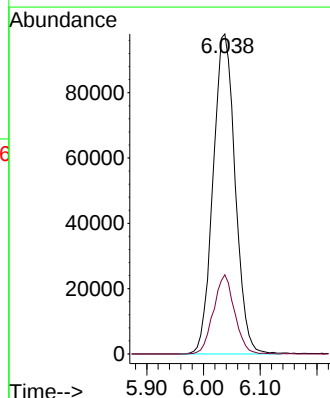
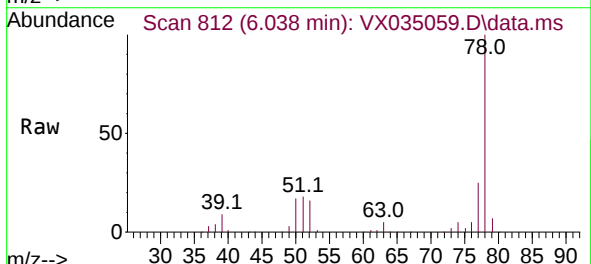
Delta R.T. 0.000 min

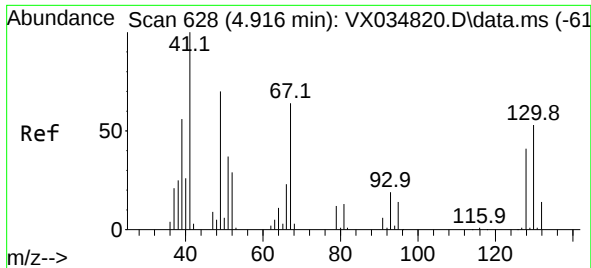
Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Tgt Ion: 78 Resp: 264891

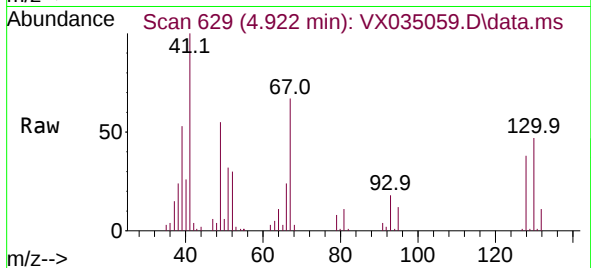
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





#41
Methacrylonitrile
Concen: 21.217 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

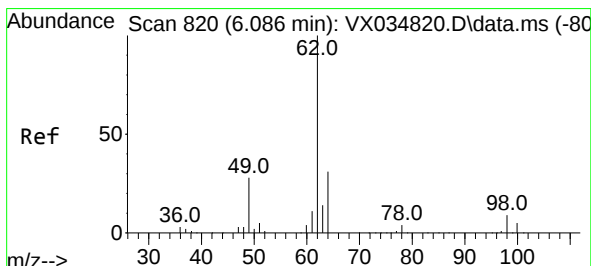
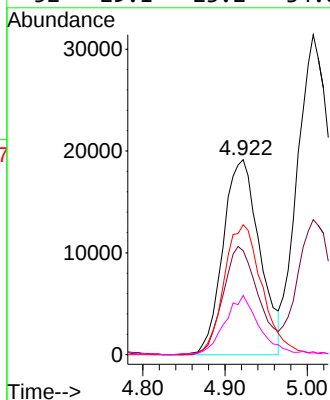
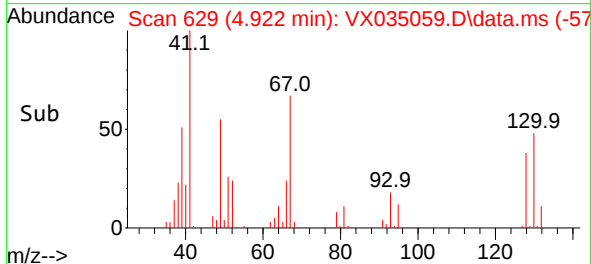
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion:	41	Resp:	59424
Ion Ratio	100	Lower	Upper
39	53.9	45.0	67.6
67	69.3	55.6	83.4
52	29.1	23.2	34.8

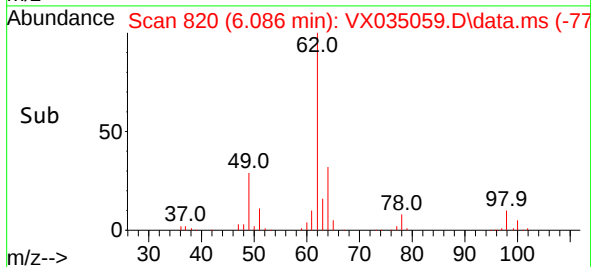
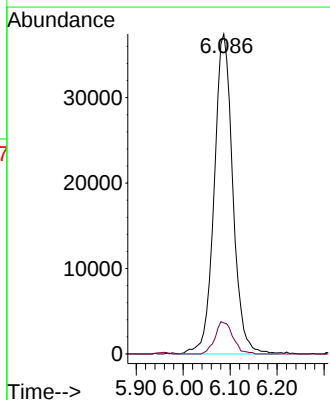
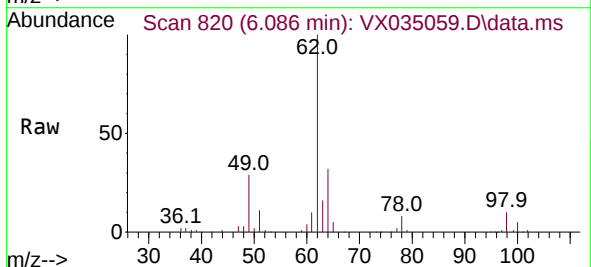
Manual Integrations
APPROVED

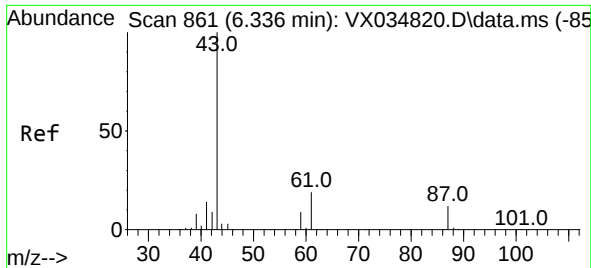
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#42
1,2-Dichloroethane
Concen: 18.367 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

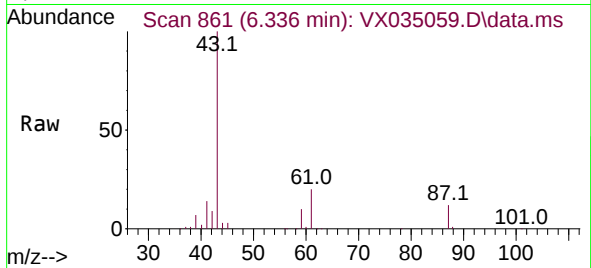
Tgt Ion:	62	Resp:	103238
Ion Ratio	100	Lower	Upper
98	9.7	0.0	18.0





#43
Isopropyl Acetate
Concen: 19.620 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

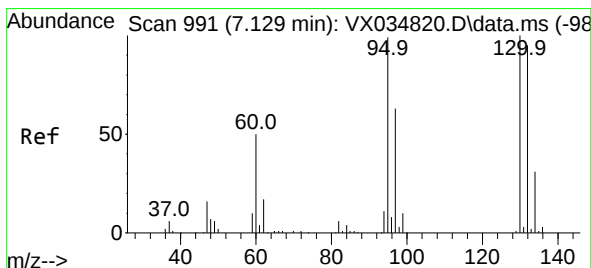
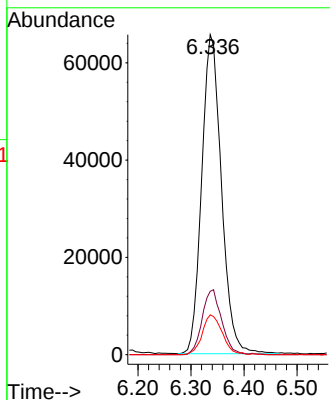
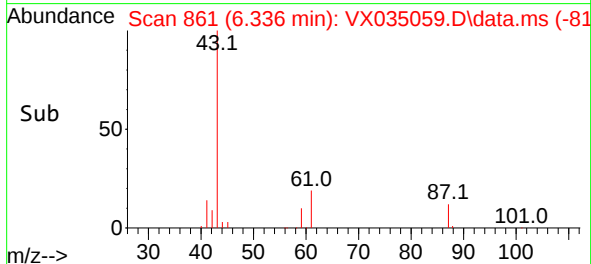
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 43 Resp: 16904
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 12.7 9.8 14.8

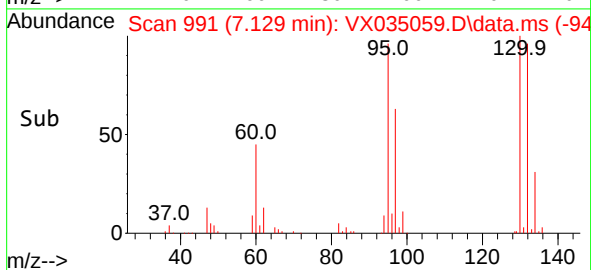
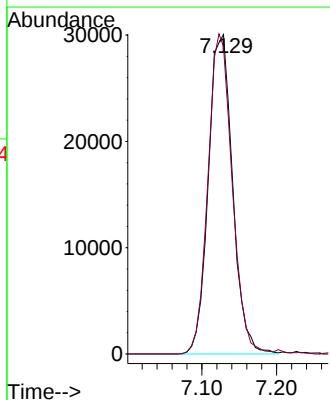
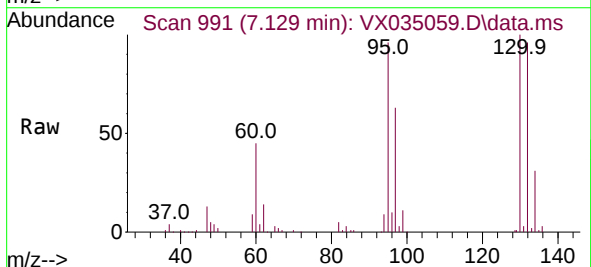
Manual Integrations
APPROVED

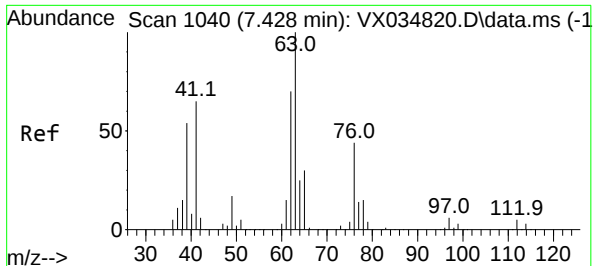
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#44
Trichloroethene
Concen: 18.810 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Tgt Ion:130 Resp: 67888
Ion Ratio Lower Upper
130 100
95 96.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.471 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

Tgt Ion: 63 Resp: 7173

Ion Ratio Lower Upper

63 100

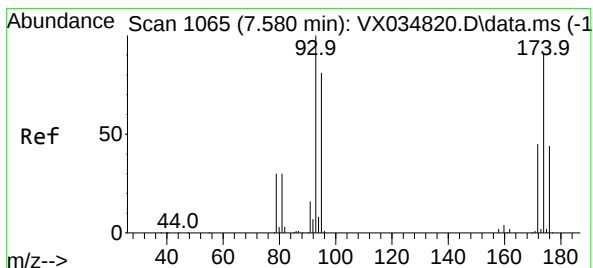
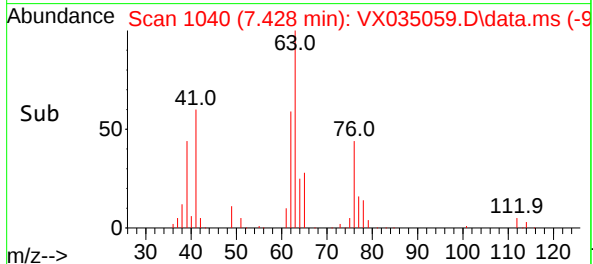
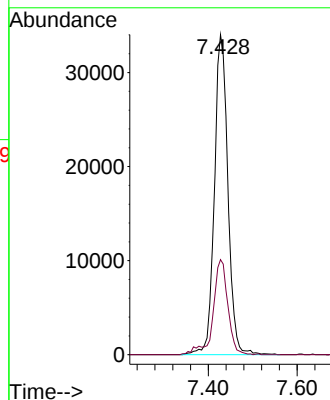
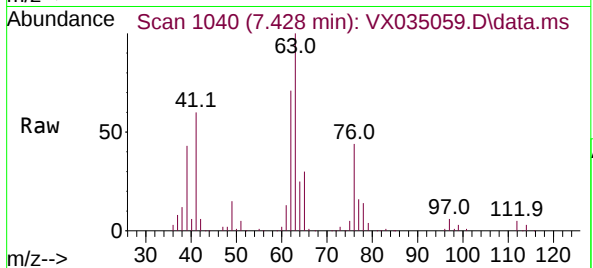
65 29.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#46

Dibromomethane

Concen: 18.898 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

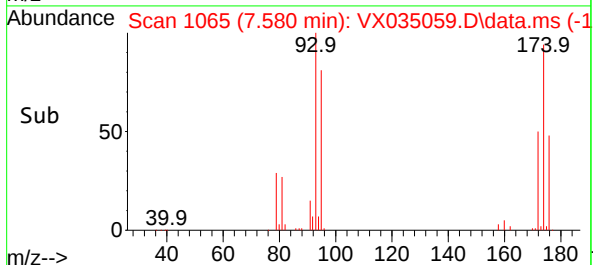
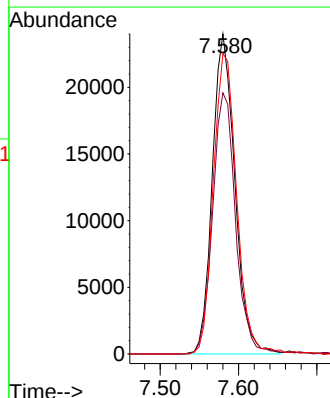
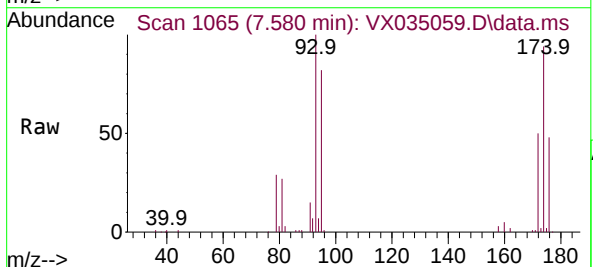
Tgt Ion: 93 Resp: 47906

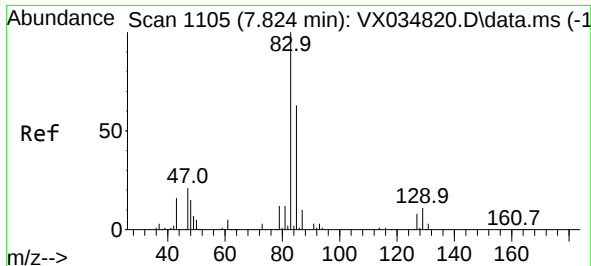
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

174 97.6 75.4 113.0





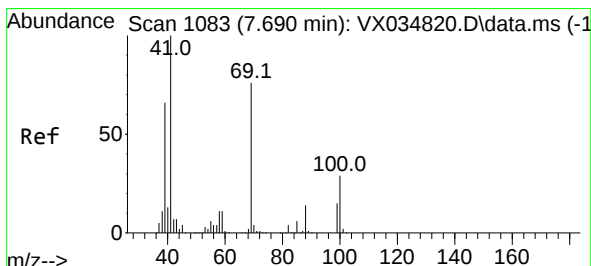
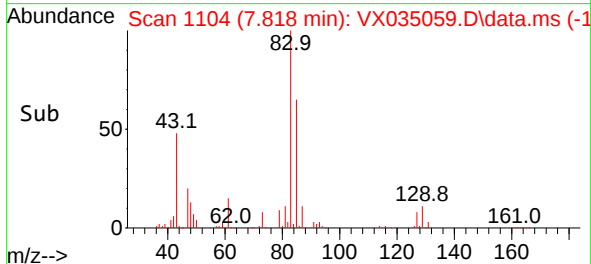
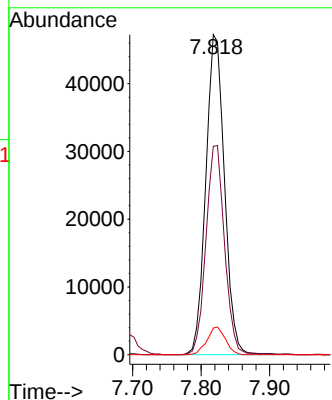
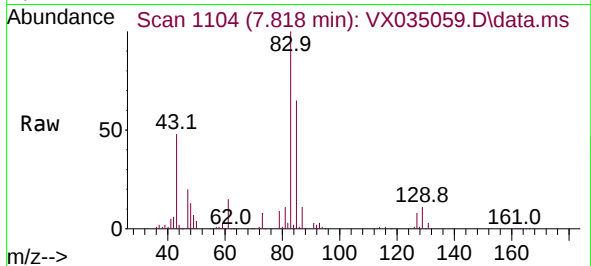
#47
Bromodichloromethane
Concen: 19.118 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion: 83 Resp: 89518
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 8.3 6.6 9.8

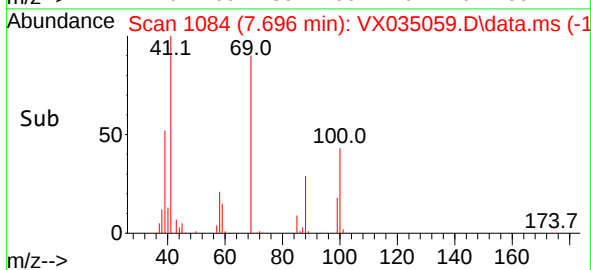
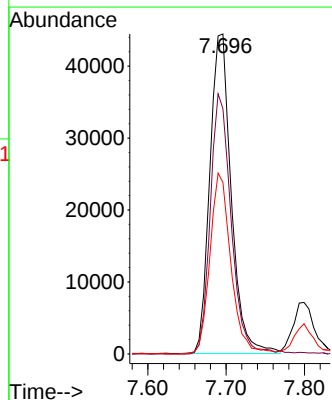
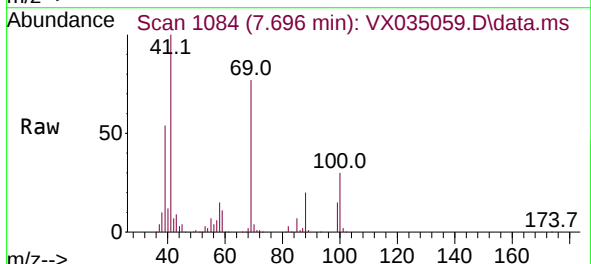
Manual Integrations
APPROVED

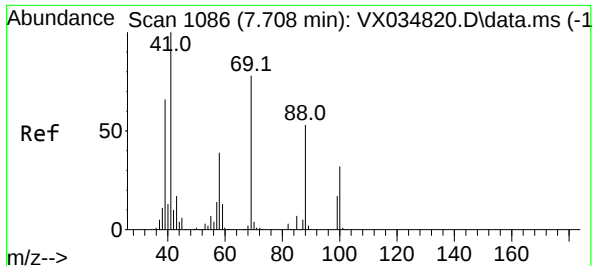
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#48
Methyl methacrylate
Concen: 19.936 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Tgt Ion: 41 Resp: 84356
Ion Ratio Lower Upper
41 100
69 79.4 62.2 93.4
39 55.5 47.7 71.5





#49

1,4-Dioxane

Concen: 430.569 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.006 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

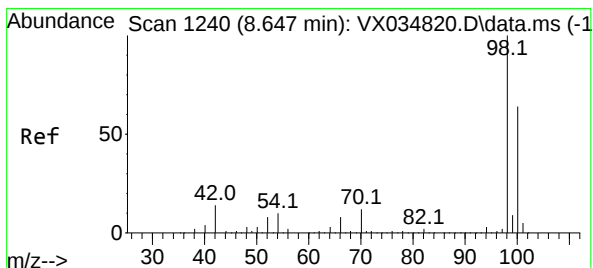
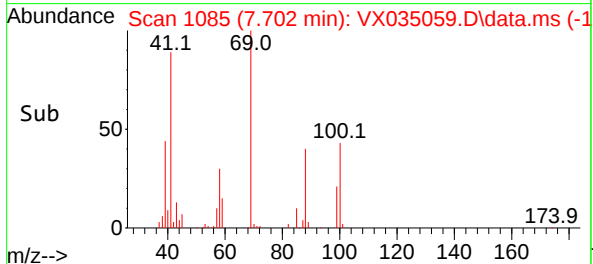
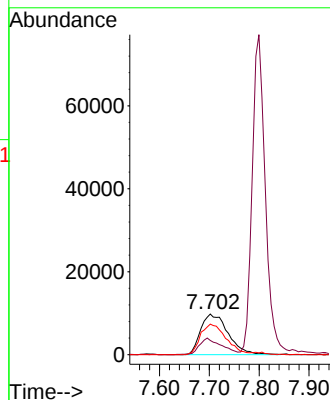
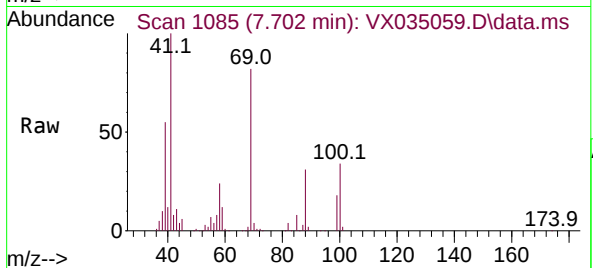
Tgt Ion: 88 Resp: 37549
 Ion Ratio Lower Upper
 88 100
 43 33.0 27.7 41.5
 58 70.1 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#50

Toluene-d8

Concen: 50.860 ug/l

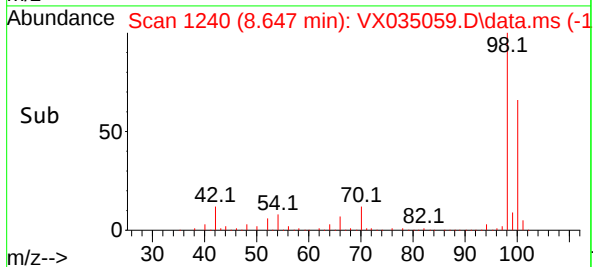
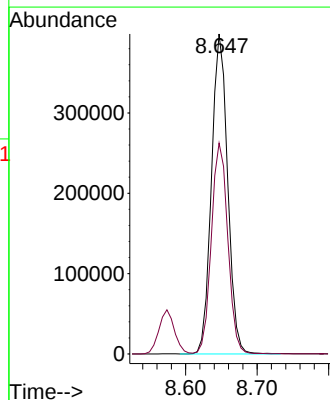
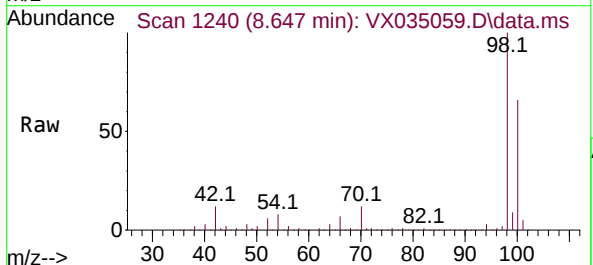
RT: 8.647 min Scan# 1240

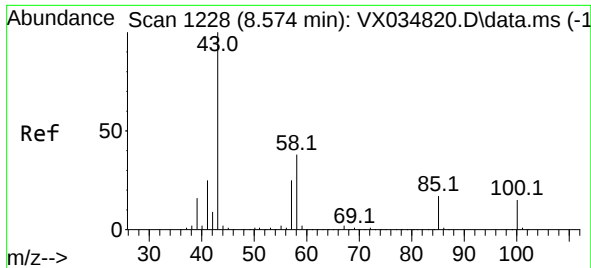
Delta R.T. 0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

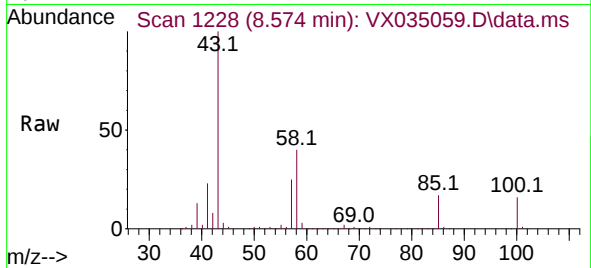
Tgt Ion: 98 Resp: 624081
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 104.154 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

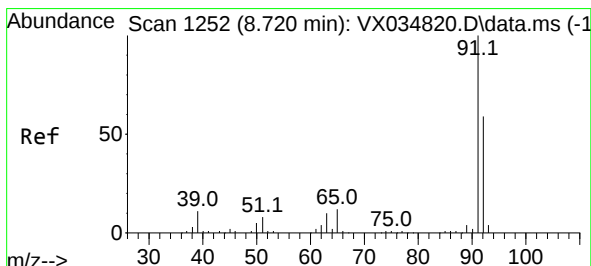
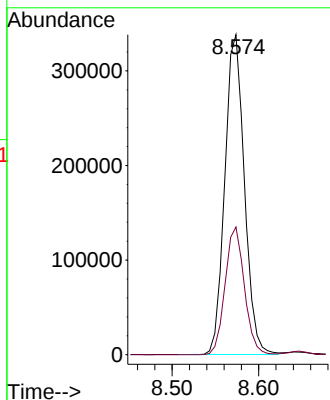
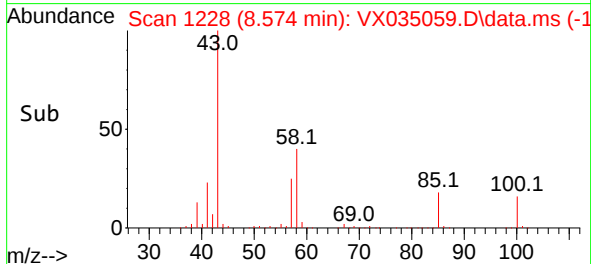
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 43 Resp: 531100
Ion Ratio Lower Upper
43 100
58 39.3 30.6 46.0

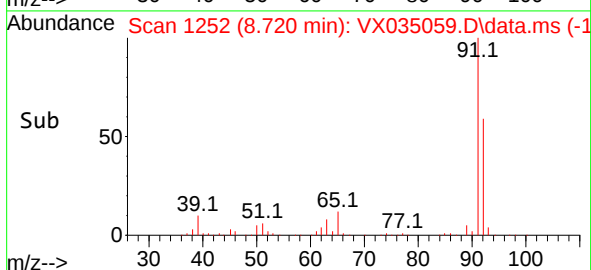
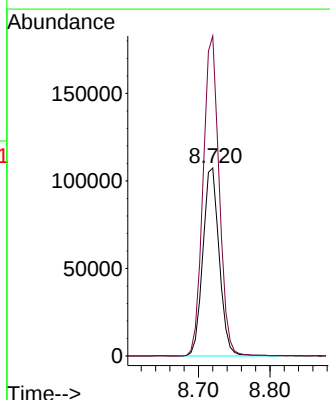
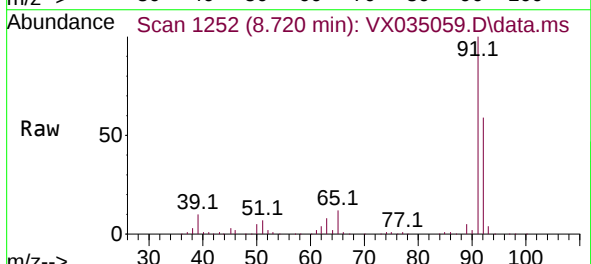
Manual Integrations
APPROVED

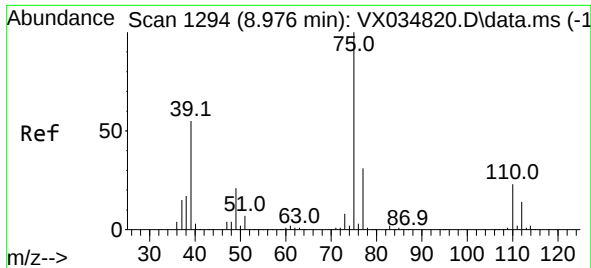
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Toluene
Concen: 18.499 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

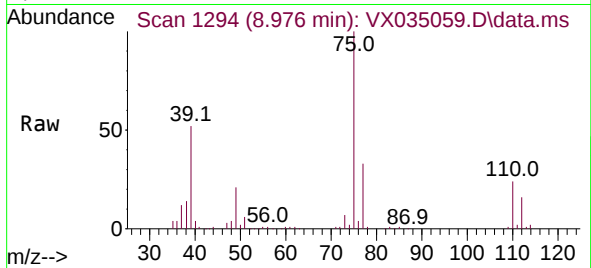
Tgt Ion: 92 Resp: 170533
Ion Ratio Lower Upper
92 100
91 167.9 136.8 205.2





#53
 t-1,3-Dichloropropene
 Concen: 18.701 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17

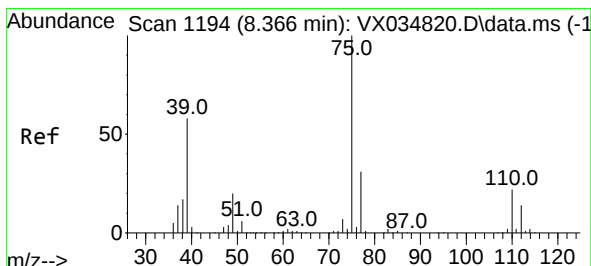
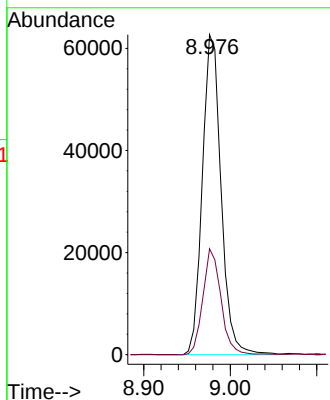
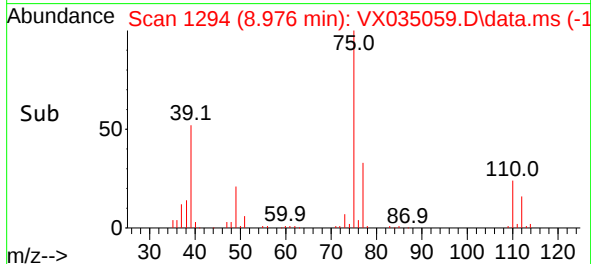
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01



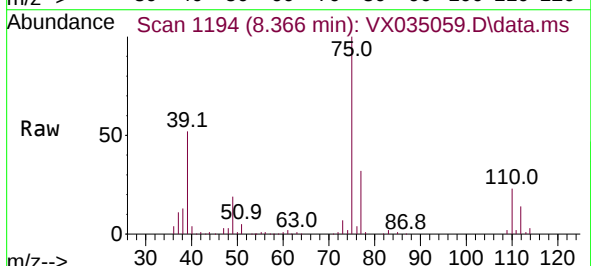
Tgt Ion: 75 Resp: 94199
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2

Manual Integrations
 APPROVED

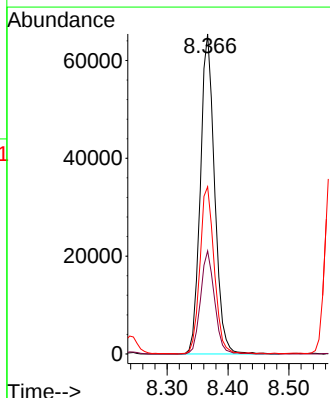
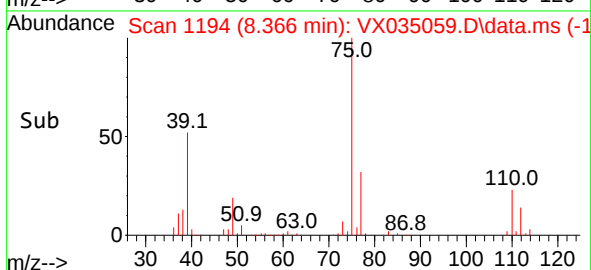
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

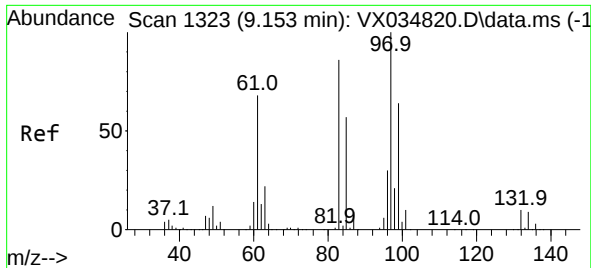


#54
 cis-1,3-Dichloropropene
 Concen: 19.305 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17



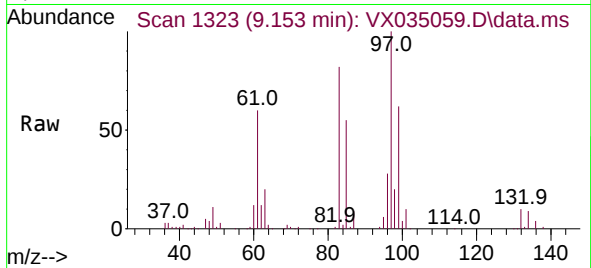
Tgt Ion: 75 Resp: 106417
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4
 39 52.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.340 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

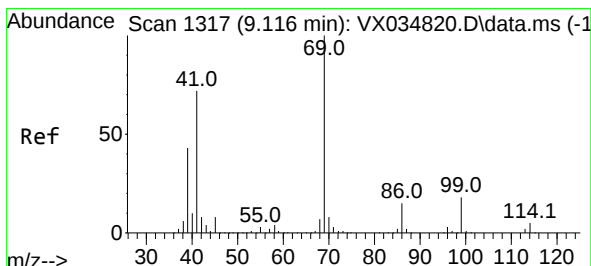
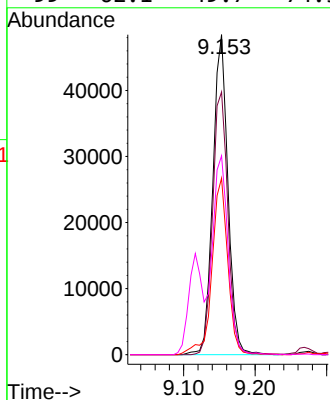
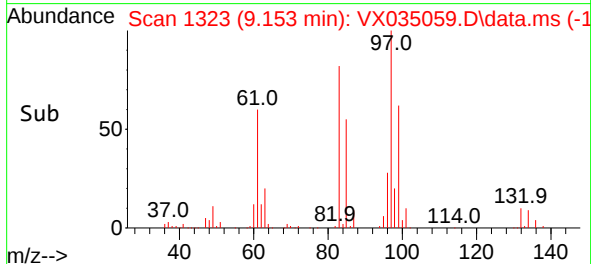
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



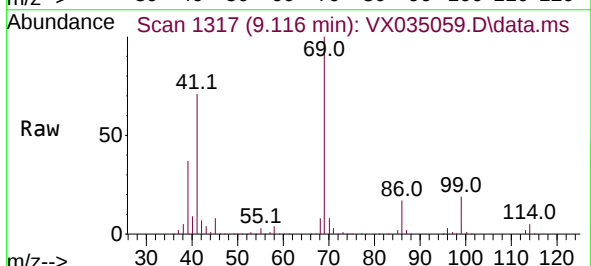
Tgt Ion: 97 Resp: 70968
Ion Ratio Lower Upper
97 100
83 82.1 69.7 104.5
85 55.1 43.7 65.5
99 62.1 49.7 74.5

Manual Integrations
APPROVED

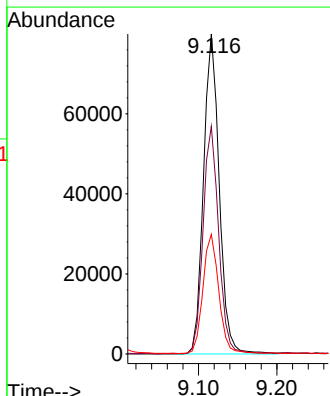
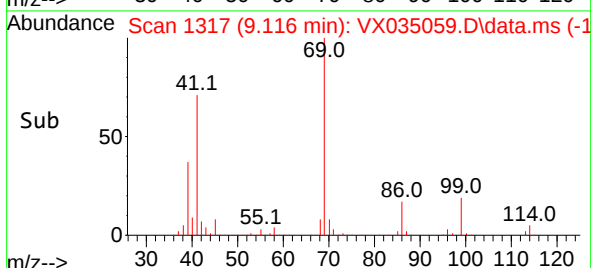
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

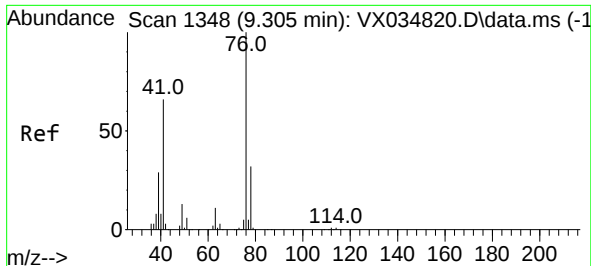


#56
Ethyl methacrylate
Concen: 20.373 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



Tgt Ion: 69 Resp: 111368
Ion Ratio Lower Upper
69 100
41 70.2 57.4 86.0
39 37.6 33.7 50.5





#57

1,3-Dichloropropane

Concen: 19.805 ug/l

RT: 9.305 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

Tgt Ion: 76 Resp: 12237

Ion Ratio Lower Upper

76 100

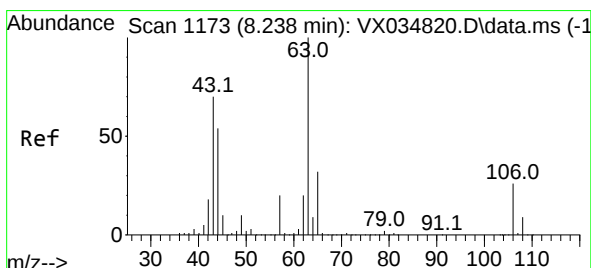
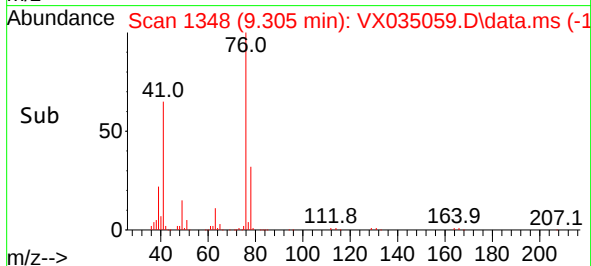
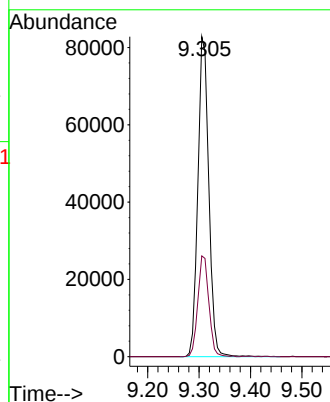
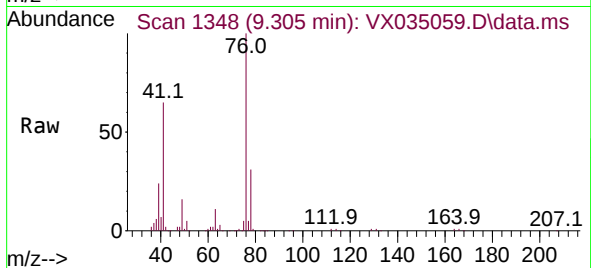
78 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.117 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035059.D

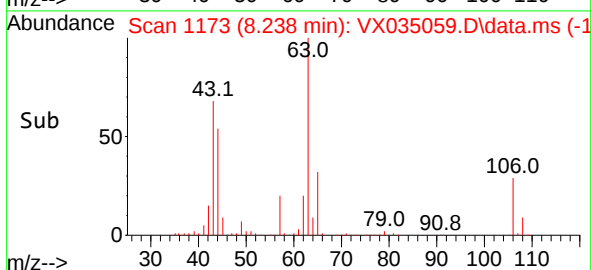
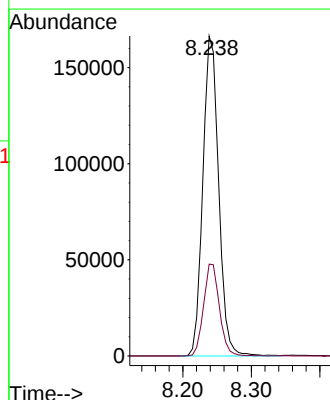
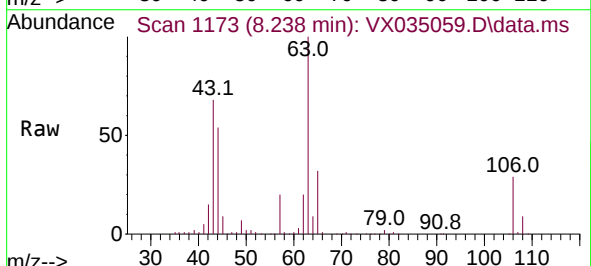
Acq: 13 Apr 2023 13:17

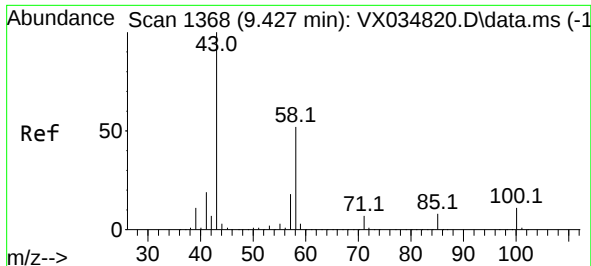
Tgt Ion: 63 Resp: 267532

Ion Ratio Lower Upper

63 100

106 28.8 22.2 33.2





#59

2-Hexanone

Concen: 105.497 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

Tgt Ion: 43 Resp: 406884

Ion Ratio Lower Upper

43 100

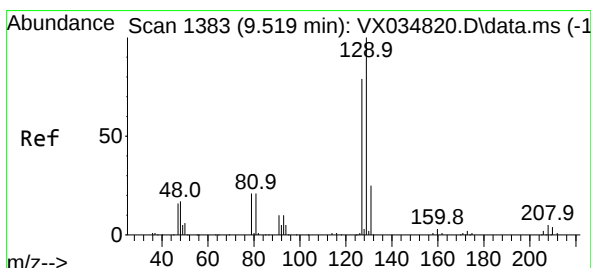
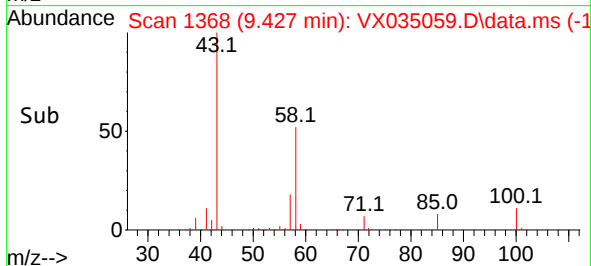
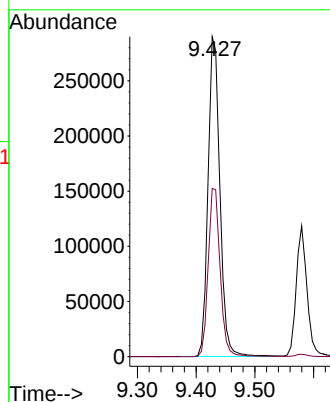
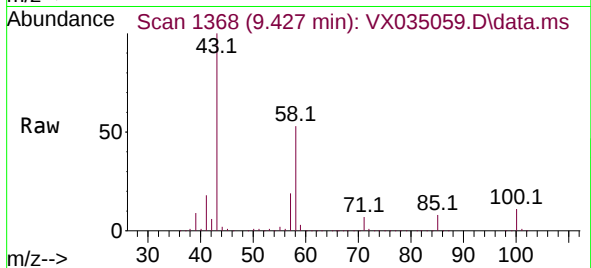
58 53.2 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#60

Dibromochloromethane

Concen: 20.234 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035059.D

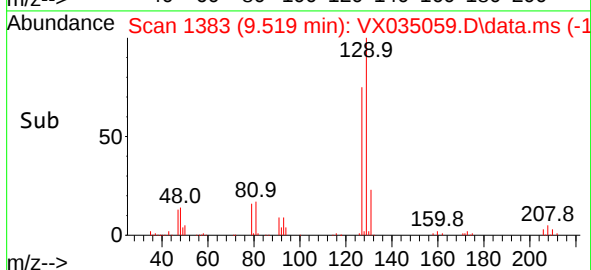
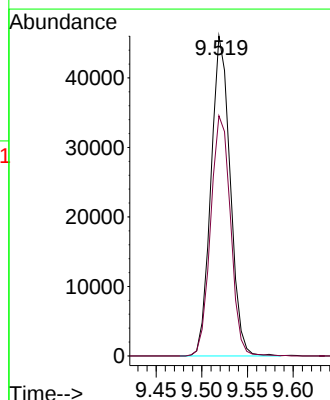
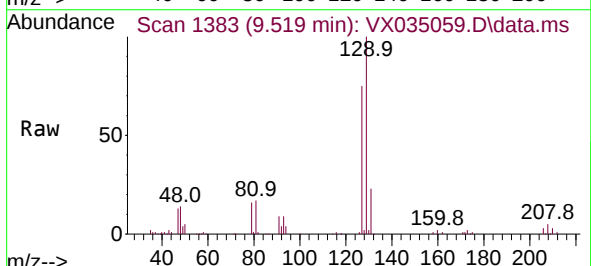
Acq: 13 Apr 2023 13:17

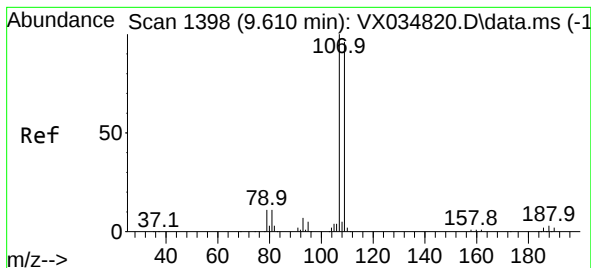
Tgt Ion:129 Resp: 67249

Ion Ratio Lower Upper

129 100

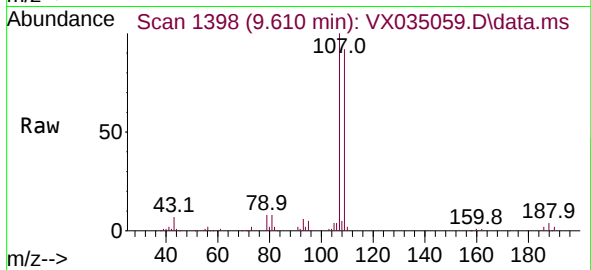
127 77.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.413 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

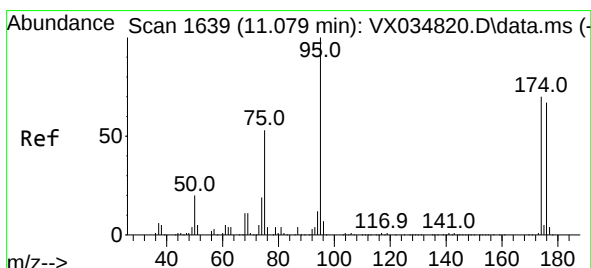
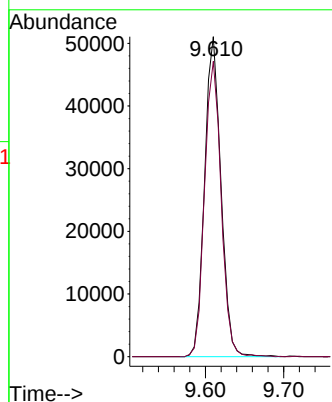
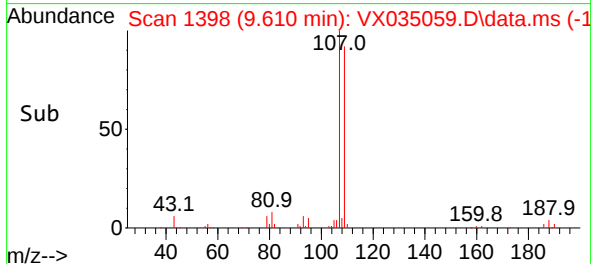
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



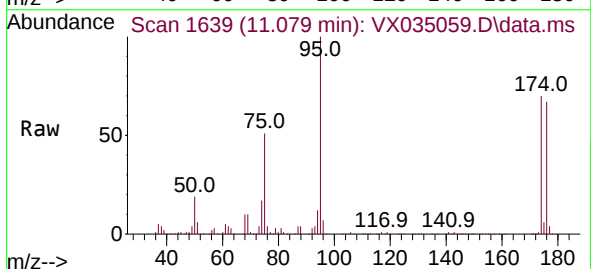
Tgt Ion:107 Resp: 74060
Ion Ratio Lower Upper
107 100
109 93.5 75.3 112.9

Manual Integrations
APPROVED

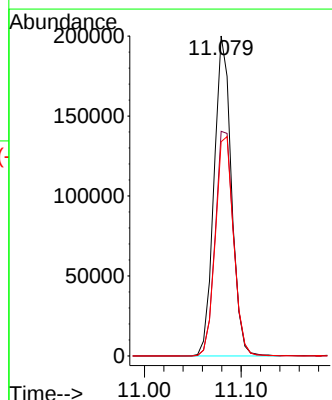
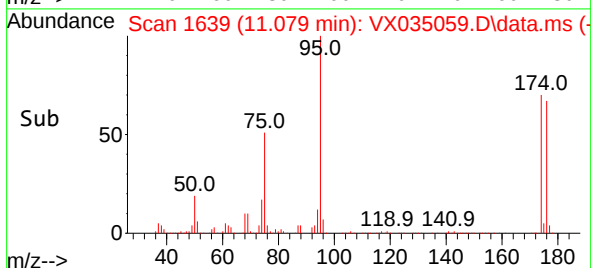
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

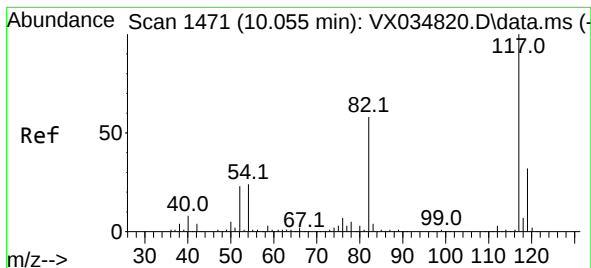


#62
4-Bromofluorobenzene
Concen: 52.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



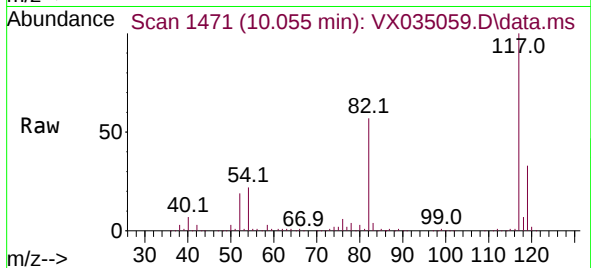
Tgt Ion: 95 Resp: 249018
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 72.0 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

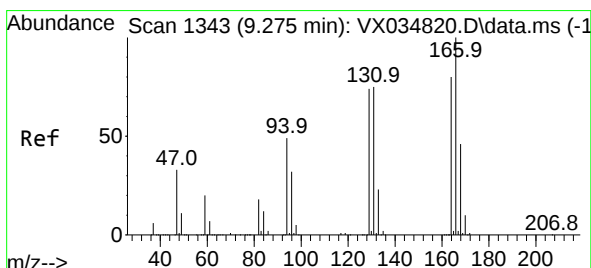
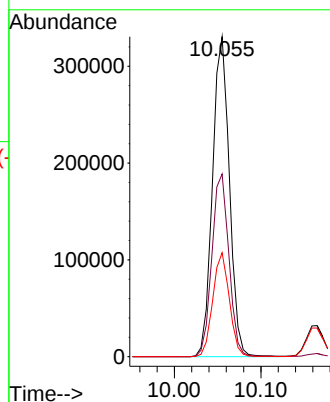
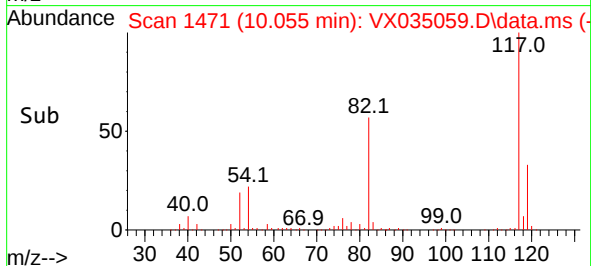
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion:117 Resp: 447824
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.5 26.0 39.0

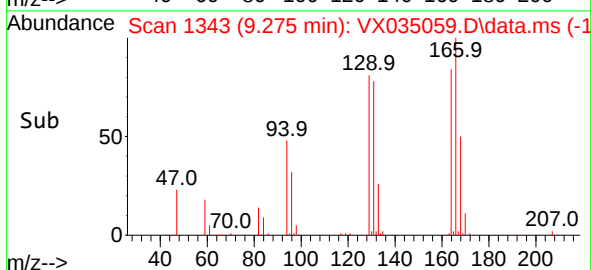
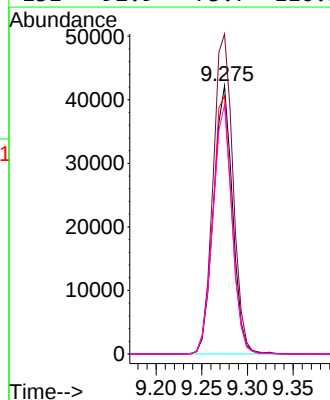
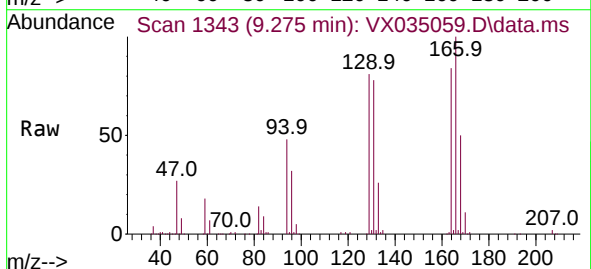
Manual Integrations
APPROVED

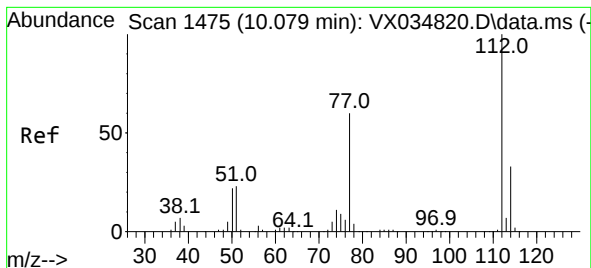
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#64
Tetrachloroethene
Concen: 19.010 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

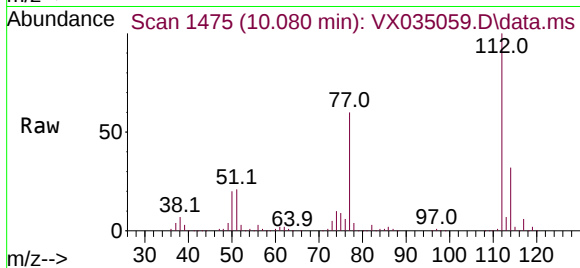
Tgt Ion:164 Resp: 60925
Ion Ratio Lower Upper
164 100
166 119.3 102.7 154.1
129 96.2 75.6 113.4
131 92.9 73.7 110.5





#65
Chlorobenzene
Concen: 19.403 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

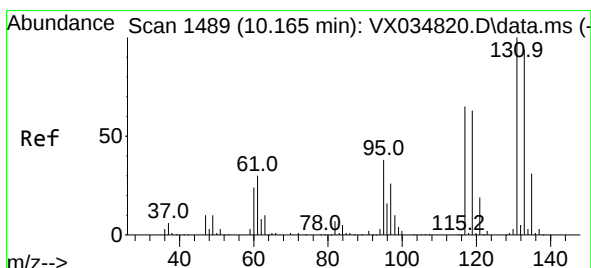
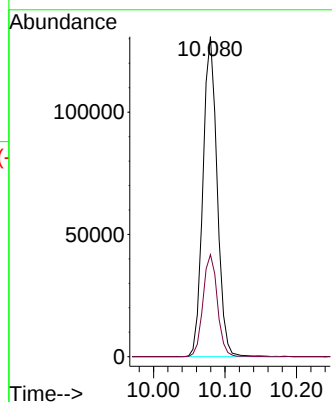
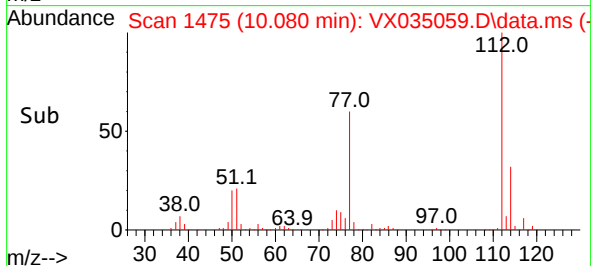
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion:112 Resp: 180788
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

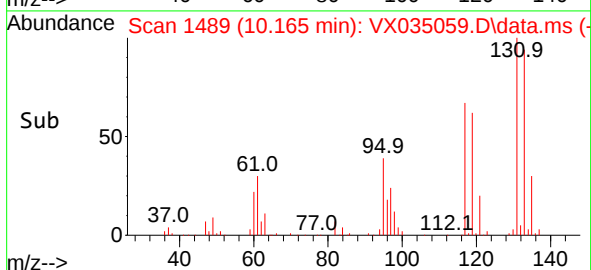
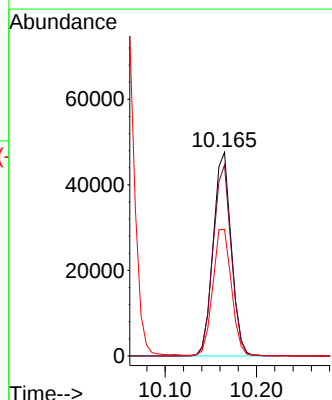
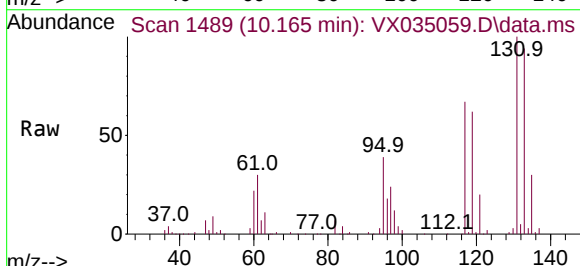
Manual Integrations
APPROVED

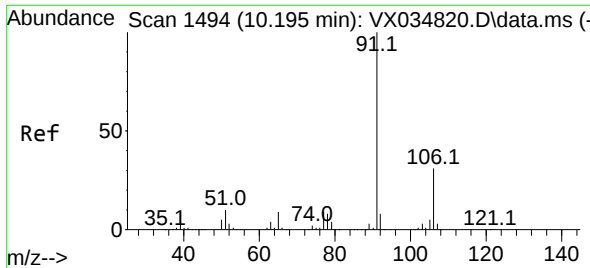
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.364 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

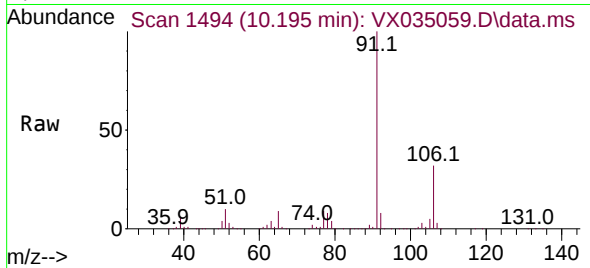
Tgt Ion:131 Resp: 65245
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 64.6 32.6 98.0





#67
Ethyl Benzene
Concen: 19.106 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

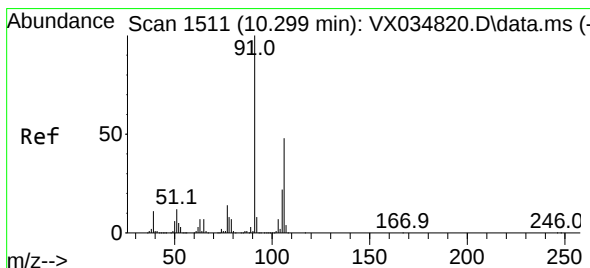
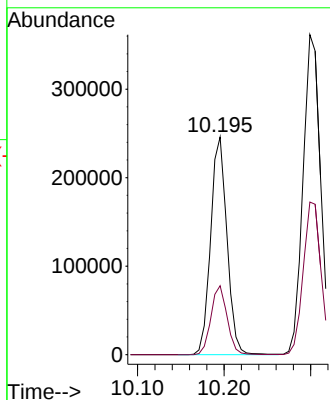
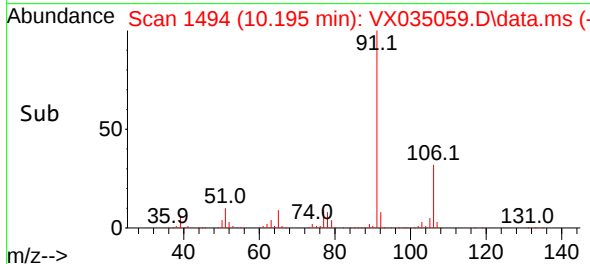
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



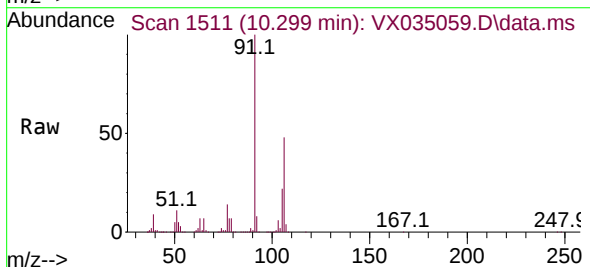
Tgt Ion: 91 Resp: 322493
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

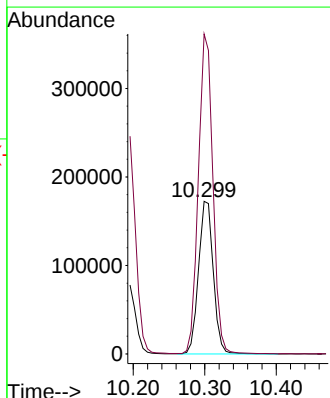
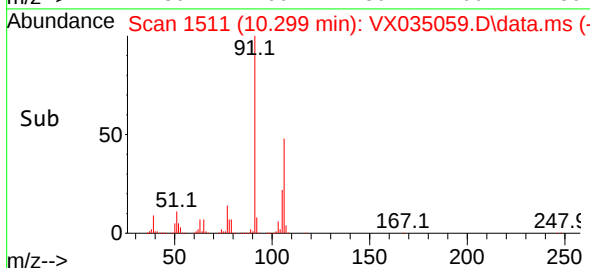
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

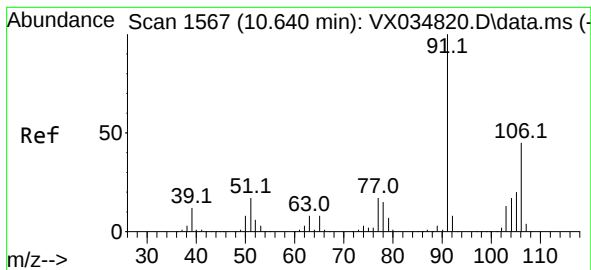


#68
m/p-Xylenes
Concen: 38.328 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



Tgt Ion:106 Resp: 247129
Ion Ratio Lower Upper
106 100
91 206.1 164.0 246.0





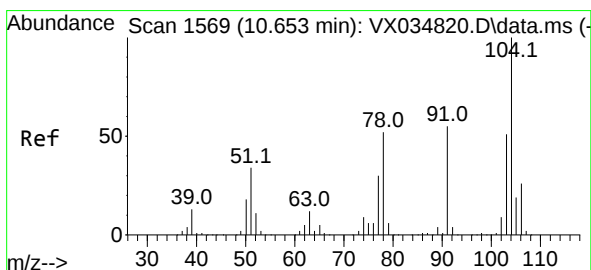
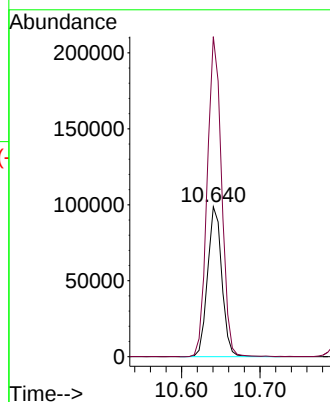
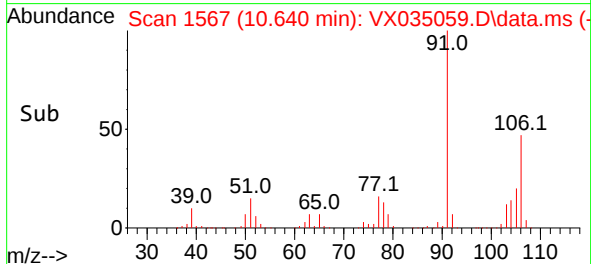
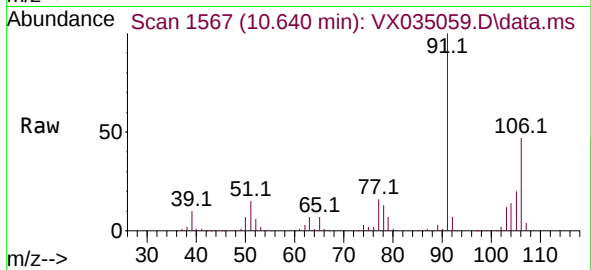
#69
o-Xylene
Concen: 19.661 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion:106 Resp: 12418
Ion Ratio Lower Upper
106 100
91 214.9 108.5 325.3

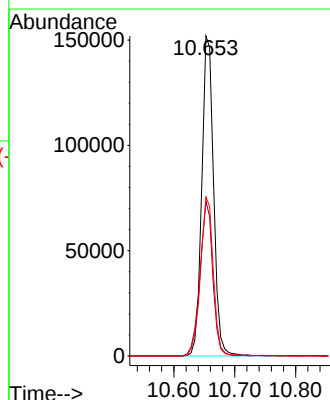
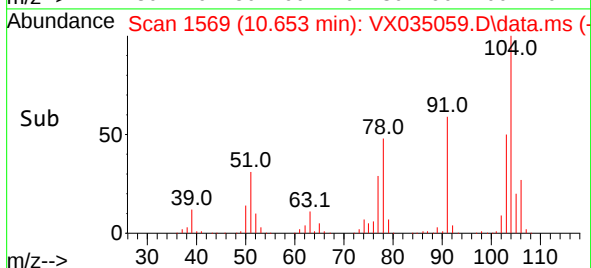
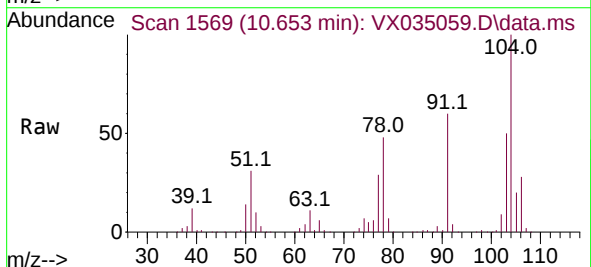
Manual Integrations
APPROVED

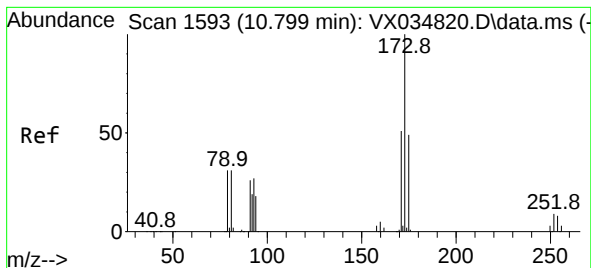
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#70
Styrene
Concen: 20.336 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

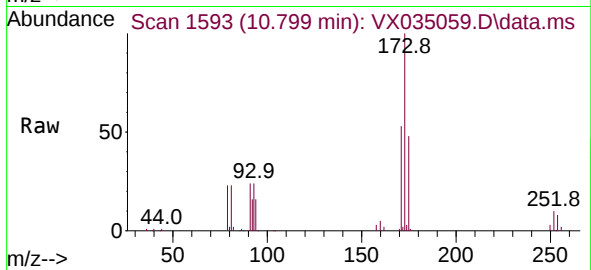
Tgt Ion:104 Resp: 205054
Ion Ratio Lower Upper
104 100
78 52.2 43.4 65.2
103 53.9 44.2 66.2





#71
Bromoform
Concen: 20.395 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

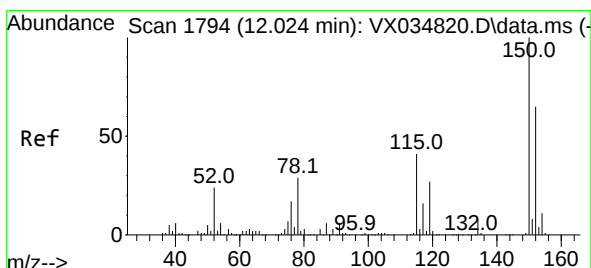
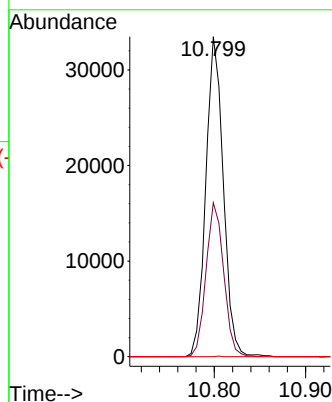
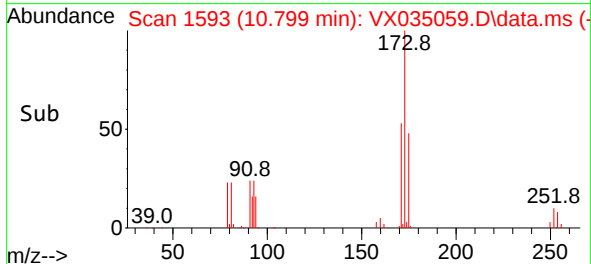
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion:173 Resp: 4444
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.1 0.1

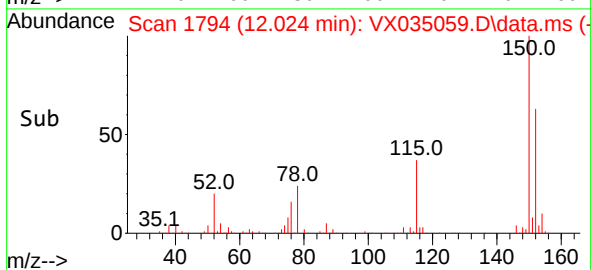
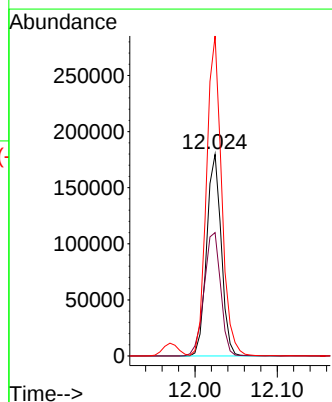
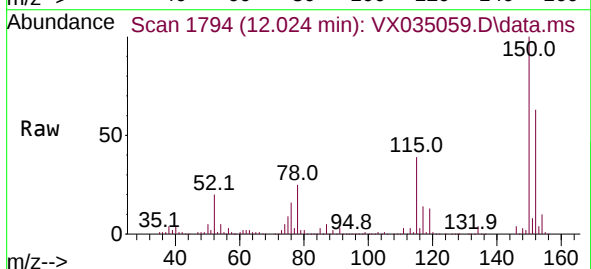
Manual Integrations
APPROVED

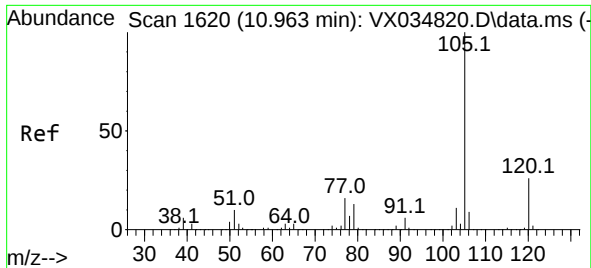
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

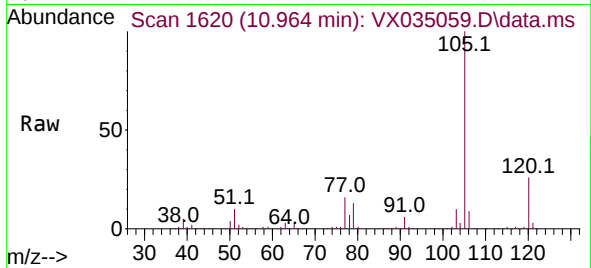
Tgt Ion:152 Resp: 221479
Ion Ratio Lower Upper
152 100
115 69.2 45.0 135.0
150 164.5 0.0 352.4





#73
Isopropylbenzene
Concen: 19.442 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

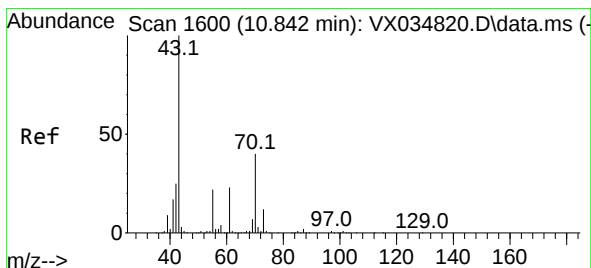
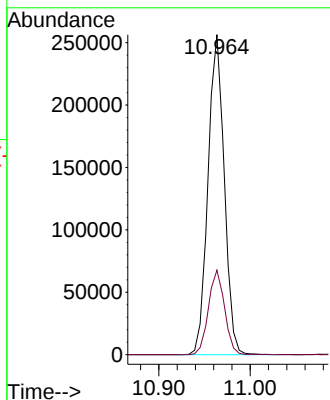
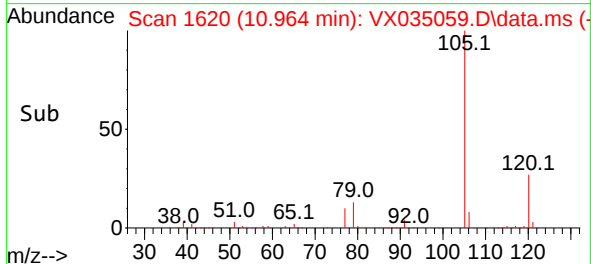
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



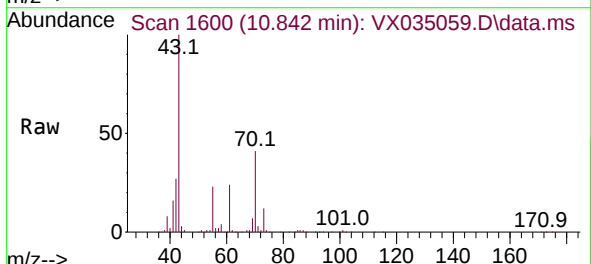
Tgt Ion:105 Resp: 315410
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

Manual Integrations
APPROVED

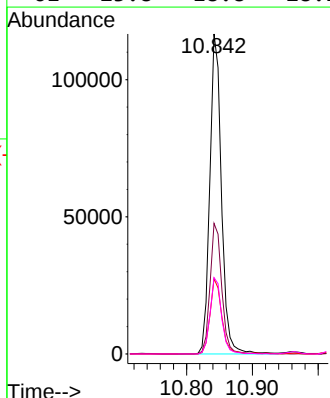
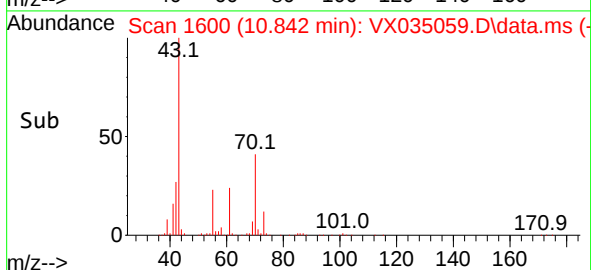
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

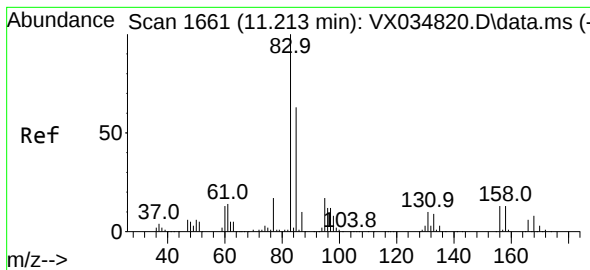


#74
N-ethyl acetate
Concen: 19.718 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



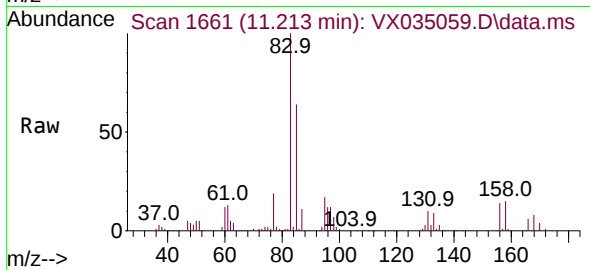
Tgt Ion: 43 Resp: 143826
Ion Ratio Lower Upper
43 100
70 41.1 32.1 48.1
55 23.5 18.3 27.5
61 23.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.505 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

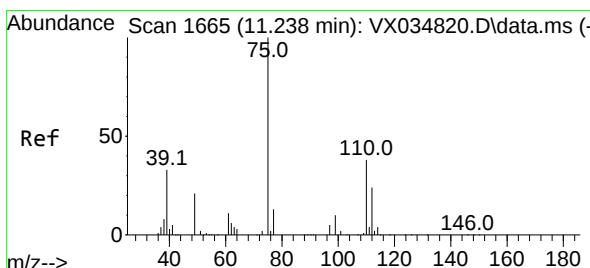
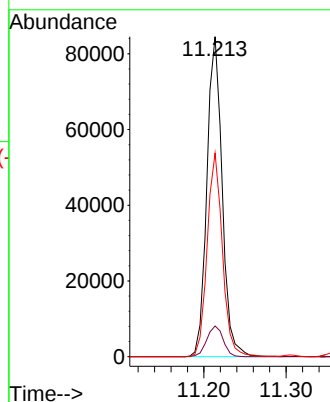
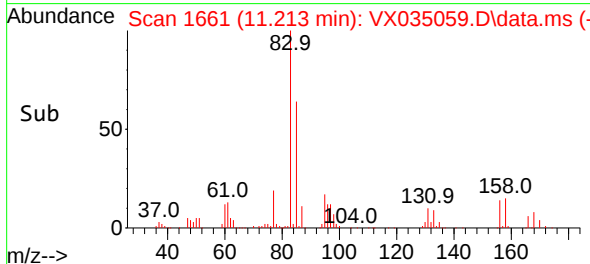
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



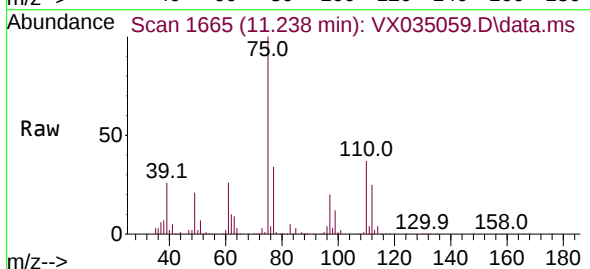
Tgt Ion: 83 Resp: 109030
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 63.5 32.0 96.0

Manual Integrations
APPROVED

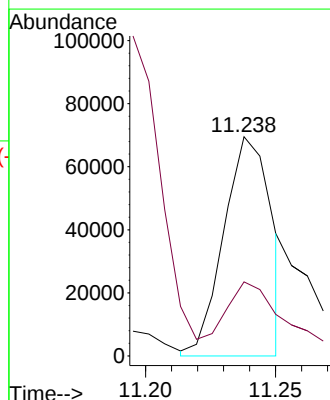
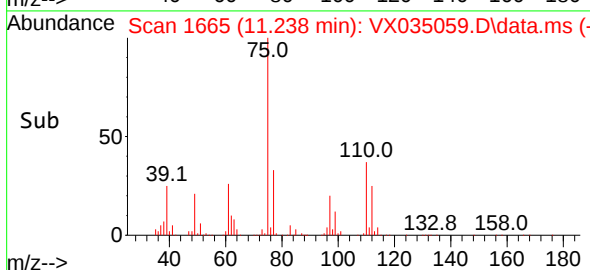
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

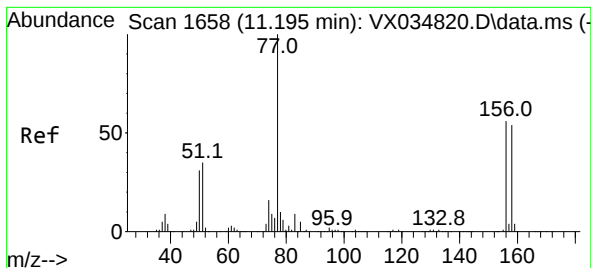


#76
1,2,3-Trichloropropane
Concen: 19.845 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



Tgt Ion: 75 Resp: 88560
Ion Ratio Lower Upper
75 100
77 43.3 21.6 64.8





#77

Bromobenzene

Concen: 18.926 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

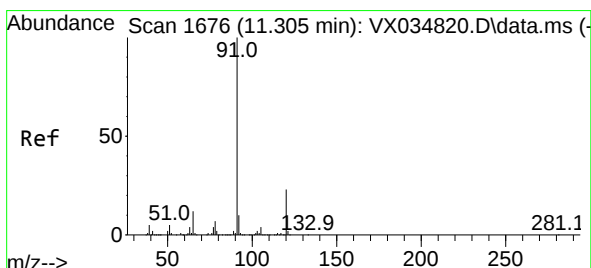
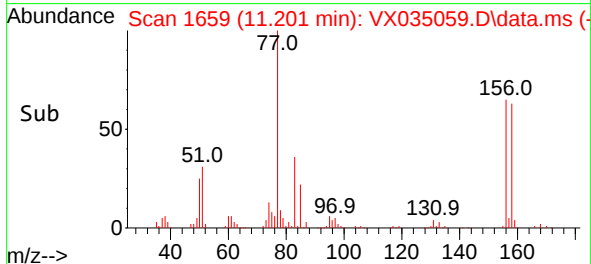
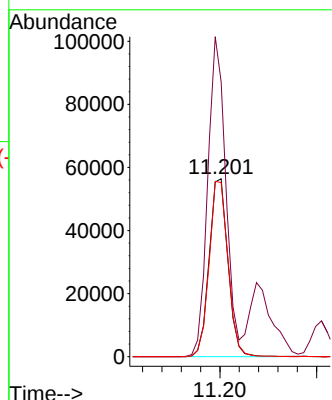
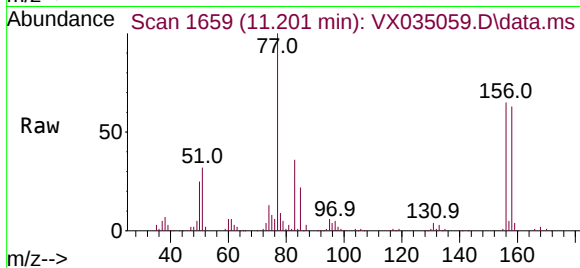
Tgt Ion:	156	Resp:	7608
Ion Ratio	Lower	Upper	
156	100		
77	171.8	86.7	259.9
158	99.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#78

n-propylbenzene

Concen: 18.804 ug/l

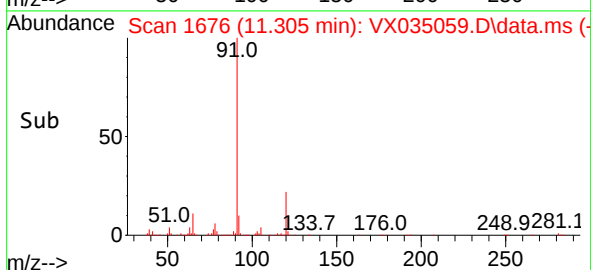
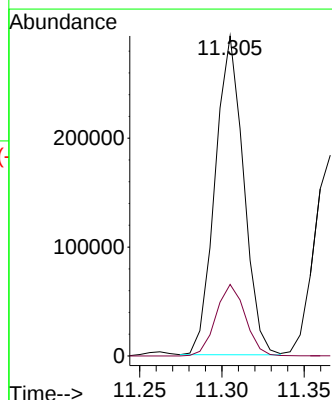
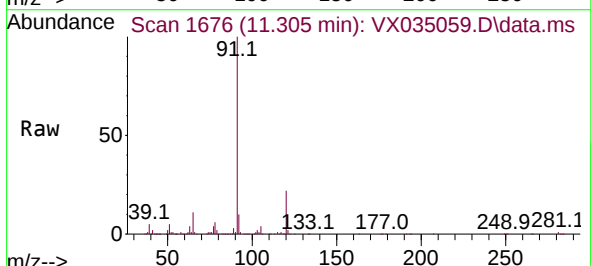
RT: 11.305 min Scan# 1676

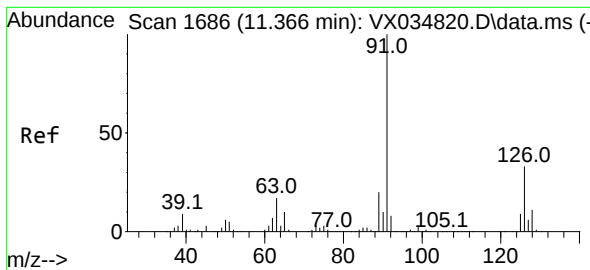
Delta R.T. -0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

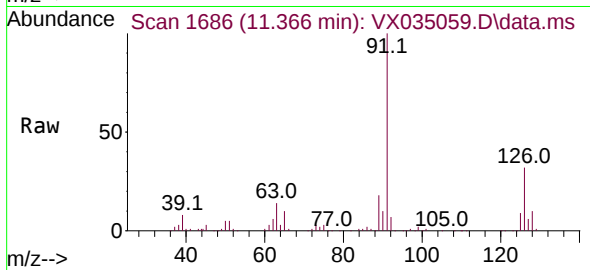
Tgt Ion:	91	Resp:	352419
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





#79
2-Chlorotoluene
Concen: 18.922 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

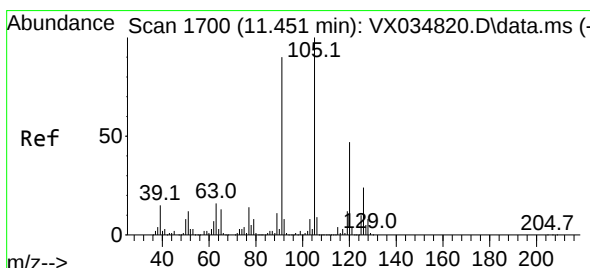
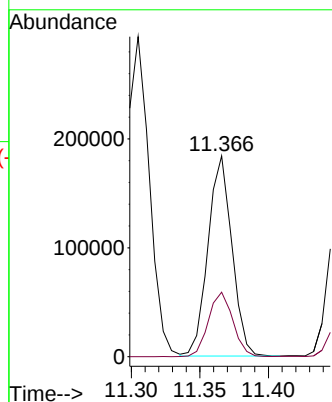
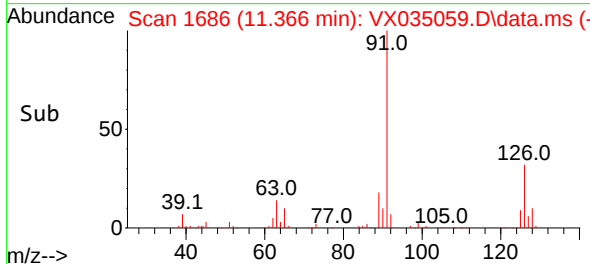
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



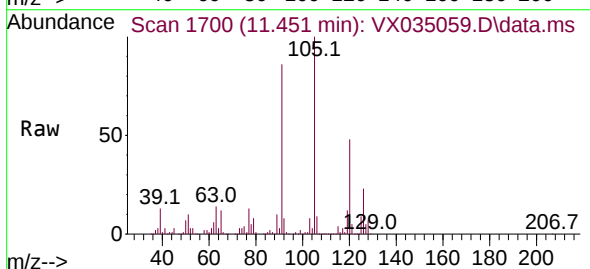
Tgt Ion: 91 Resp: 223900
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

Manual Integrations
APPROVED

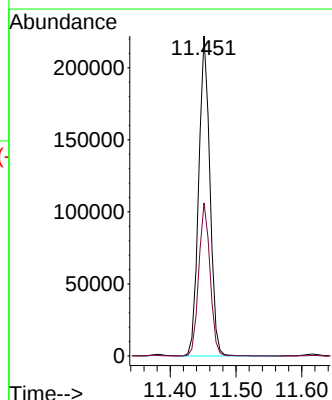
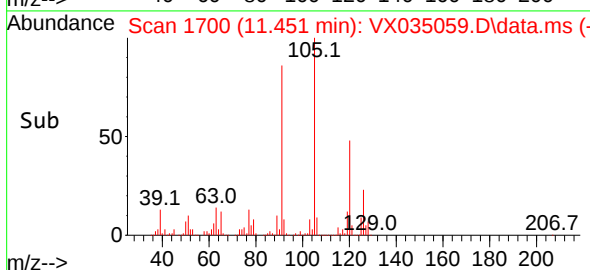
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

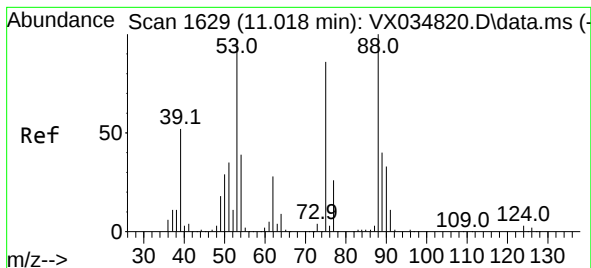


#80
1,3,5-Trimethylbenzene
Concen: 19.338 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



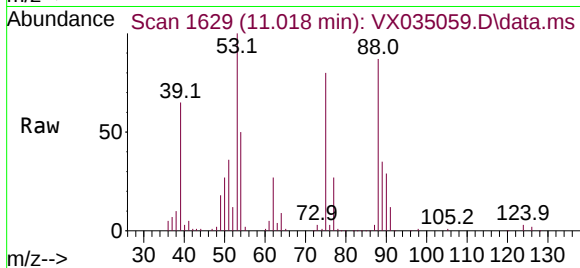
Tgt Ion:105 Resp: 262308
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.609 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

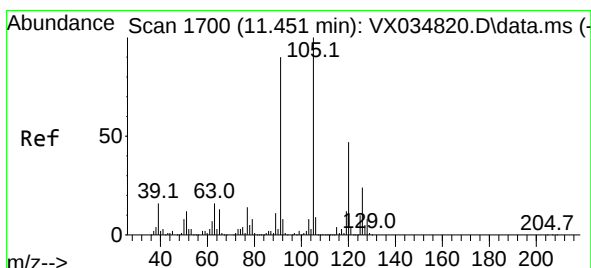
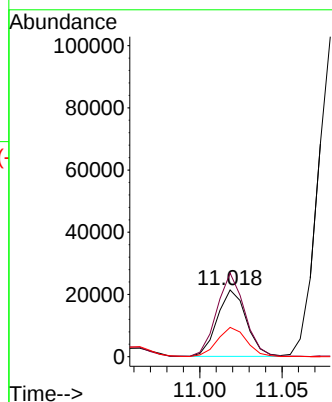
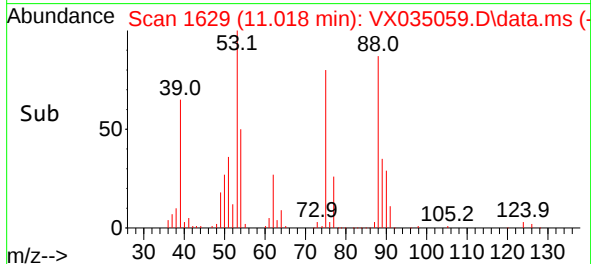
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 75 Resp: 2622
Ion Ratio Lower Upper
75 100
53 120.7 82.6 124.0
89 44.5 36.9 55.3

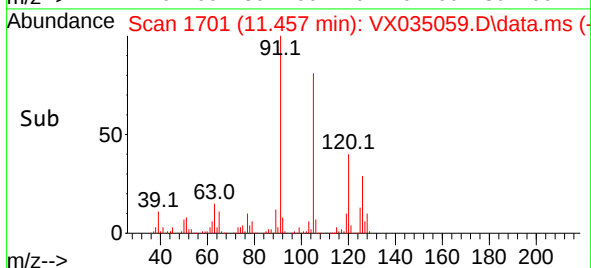
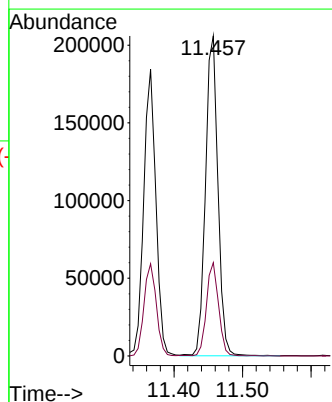
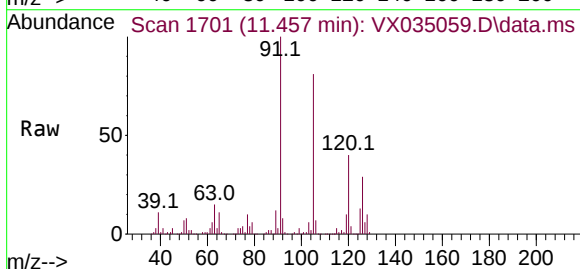
Manual Integrations
APPROVED

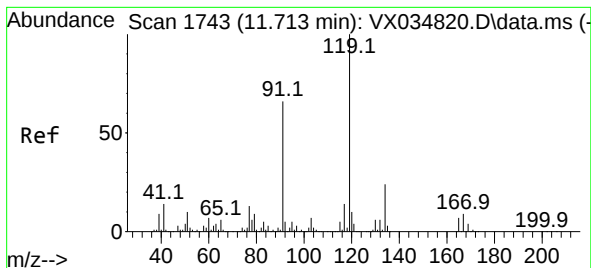
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#82
4-Chlorotoluene
Concen: 18.920 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

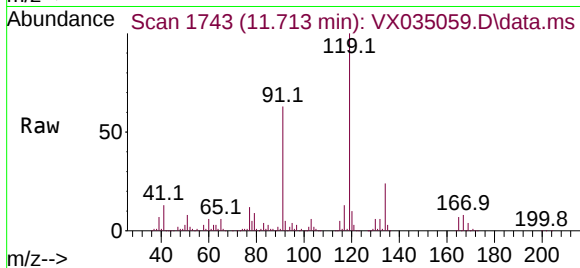
Tgt Ion: 91 Resp: 259976
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.991 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

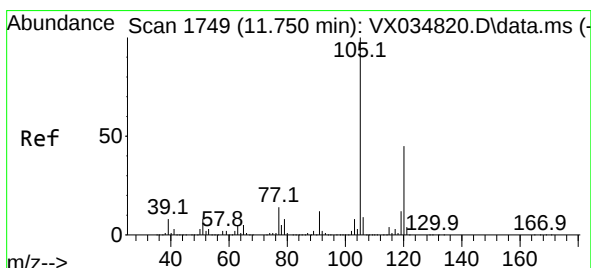
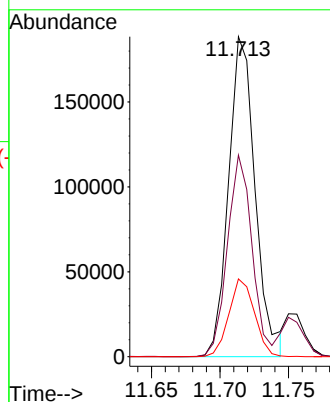
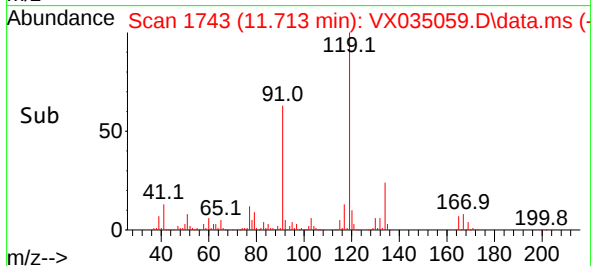
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



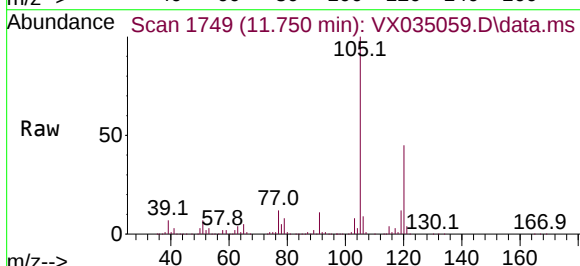
Tgt Ion:119 Resp: 254638
Ion Ratio Lower Upper
119 100
91 58.4 30.6 92.0
134 23.5 11.8 35.4

Manual Integrations
APPROVED

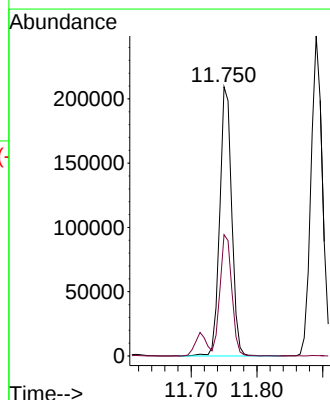
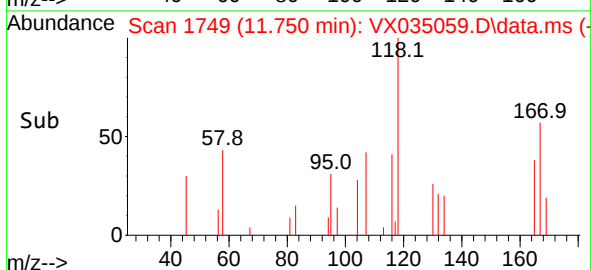
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

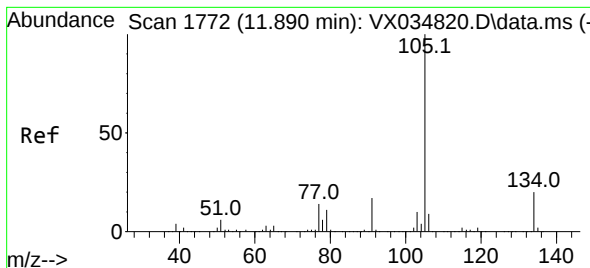


#84
1,2,4-Trimethylbenzene
Concen: 19.180 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



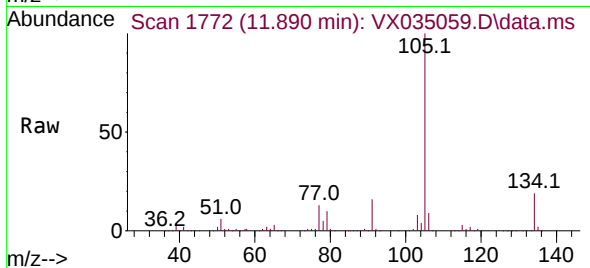
Tgt Ion:105 Resp: 264581
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 19.477 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17

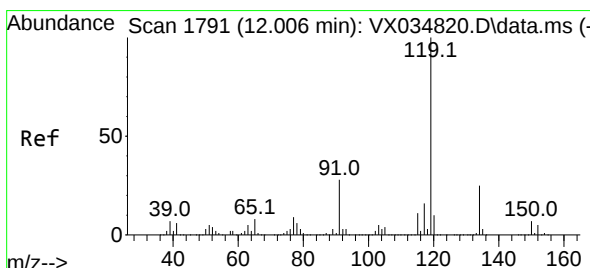
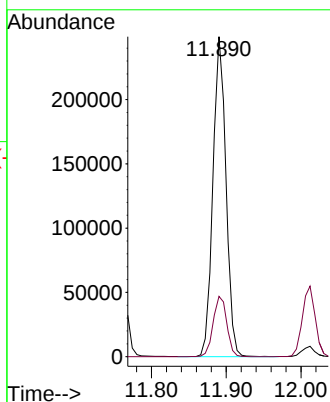
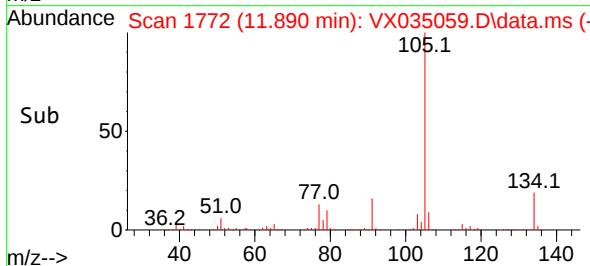
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01



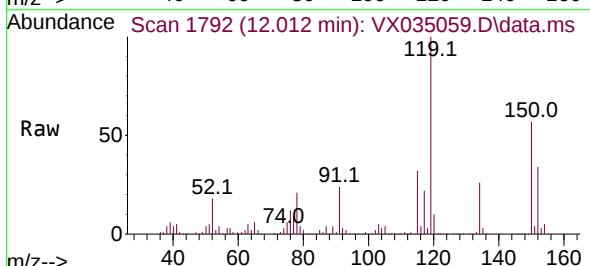
Tgt Ion:105 Resp: 30182
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

Manual Integrations
 APPROVED

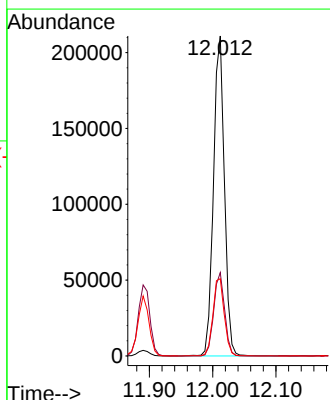
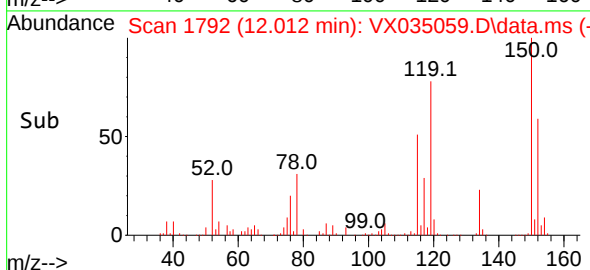
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

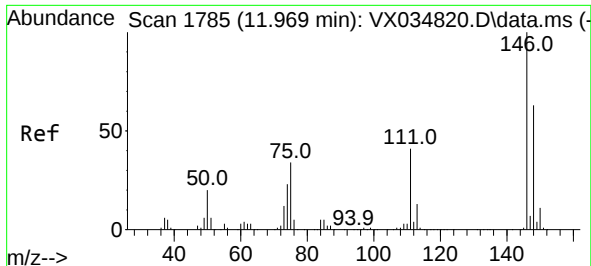


#86
 p-Isopropyltoluene
 Concen: 19.609 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035059.D
 Acq: 13 Apr 2023 13:17



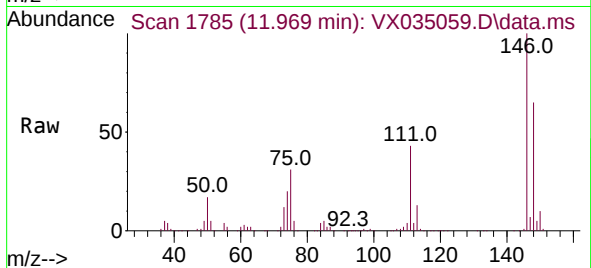
Tgt Ion:119 Resp: 253383
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 25.2 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 19.697 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

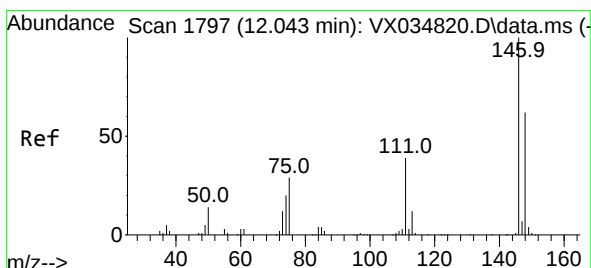
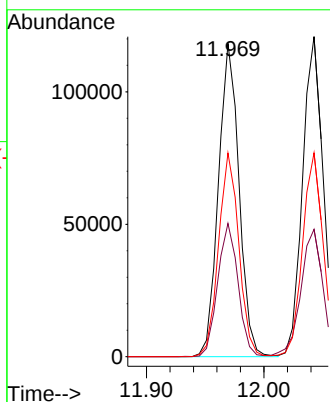
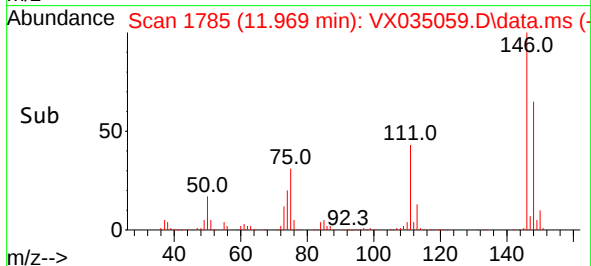
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



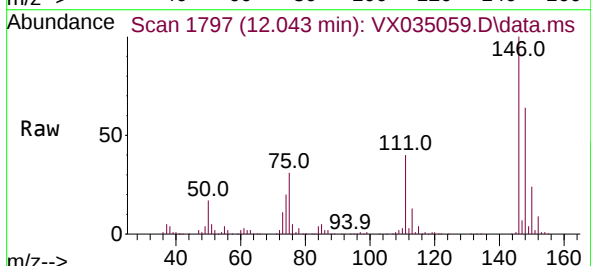
Tgt Ion:146 Resp: 144190
Ion Ratio Lower Upper
146 100
111 42.0 20.9 62.8
148 64.0 31.6 95.0

Manual Integrations
APPROVED

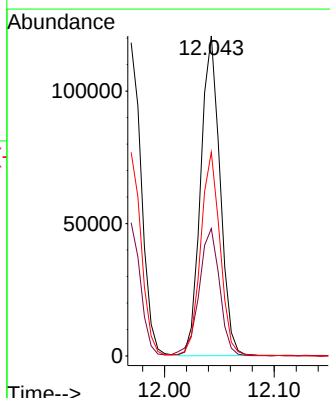
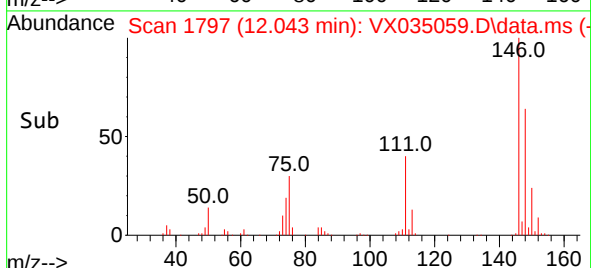
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

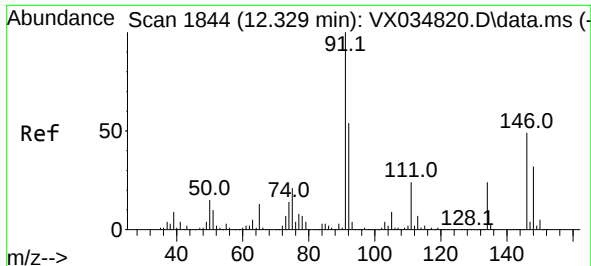


#88
1,4-Dichlorobenzene
Concen: 19.339 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



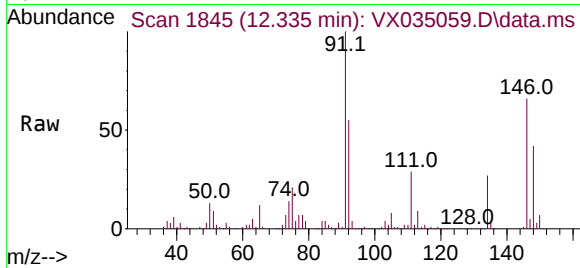
Tgt Ion:146 Resp: 147864
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.9
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 18.888 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

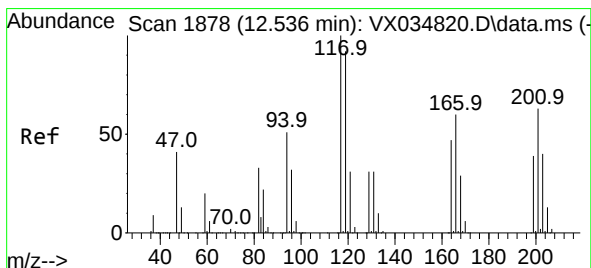
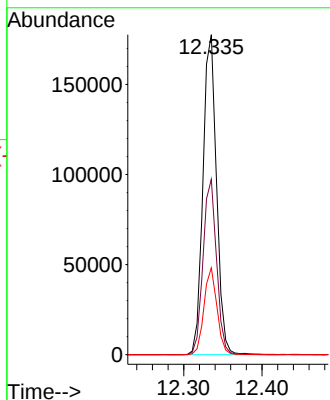
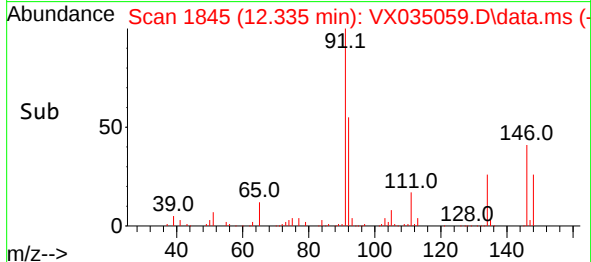
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



Tgt Ion: 91 Resp: 21323
Ion Ratio Lower Upper
91 100
92 54.6 27.7 83.0
134 26.0 13.0 38.9

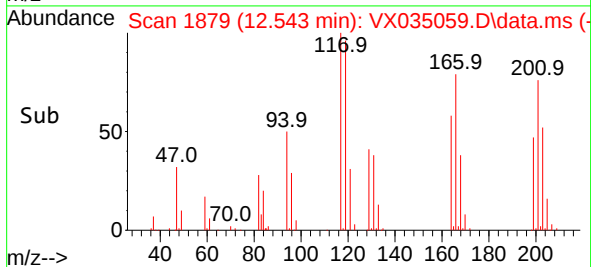
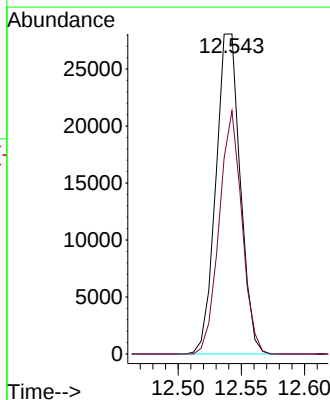
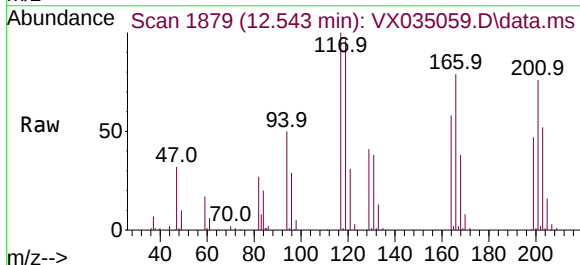
Manual Integrations
APPROVED

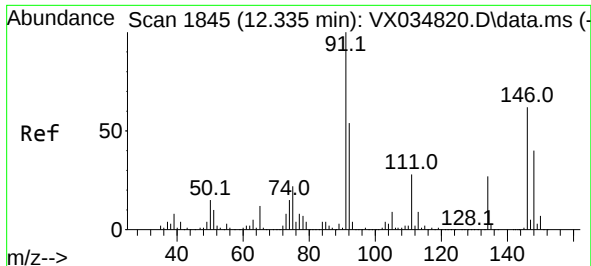
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#90
Hexachloroethane
Concen: 18.782 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.007 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

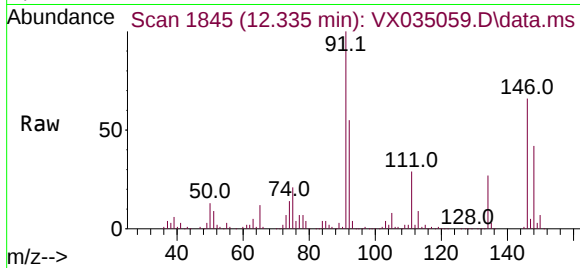
Tgt Ion:117 Resp: 37602
Ion Ratio Lower Upper
117 100
201 70.7 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 19.289 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17

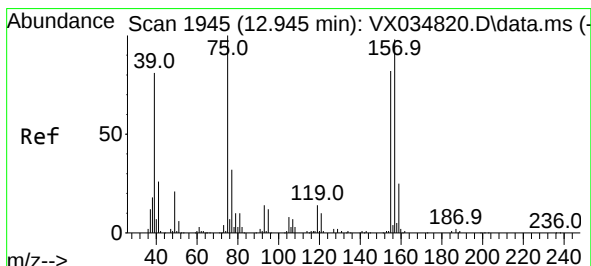
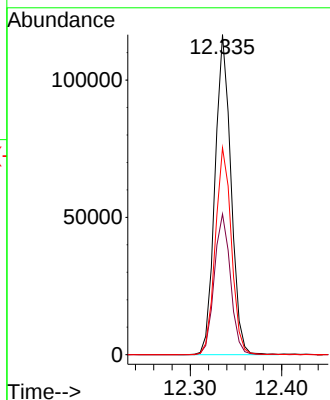
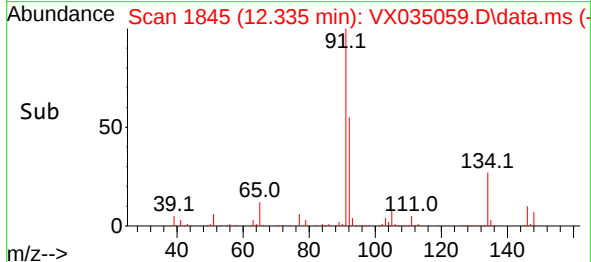
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01



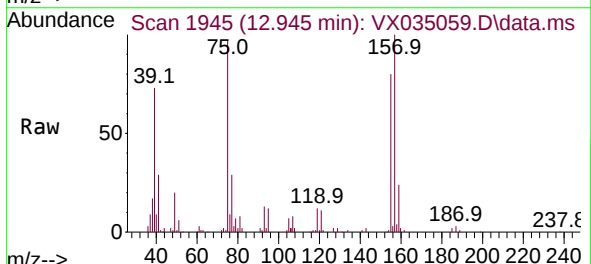
Tgt Ion:146 Resp: 14142
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 65.0 32.0 96.0

Manual Integrations
APPROVED

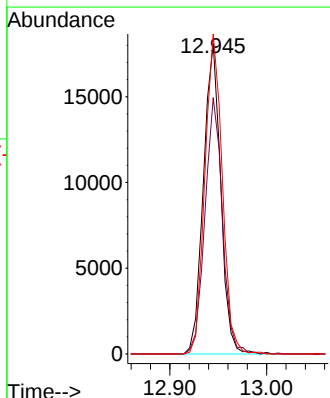
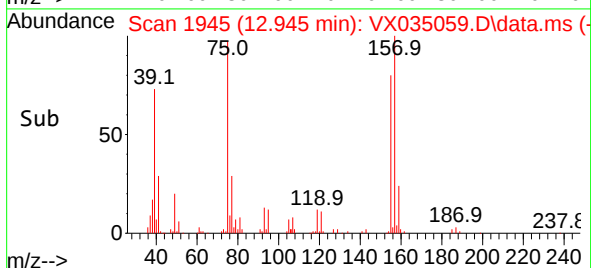
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

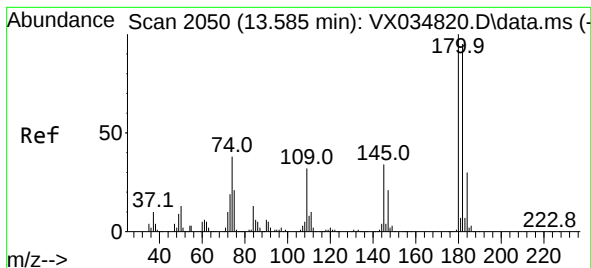


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.299 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035059.D
Acq: 13 Apr 2023 13:17



Tgt Ion: 75 Resp: 22529
Ion Ratio Lower Upper
75 100
155 83.6 38.4 115.1
157 103.8 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 20.538 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

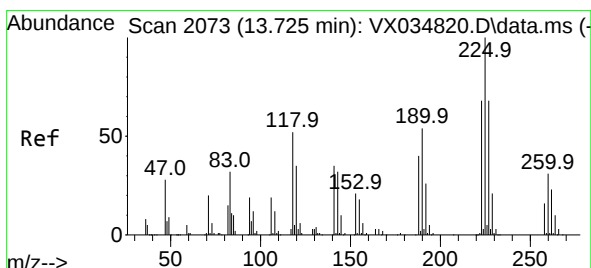
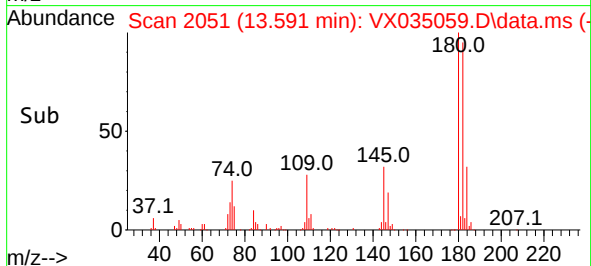
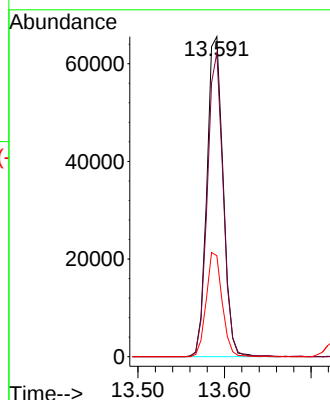
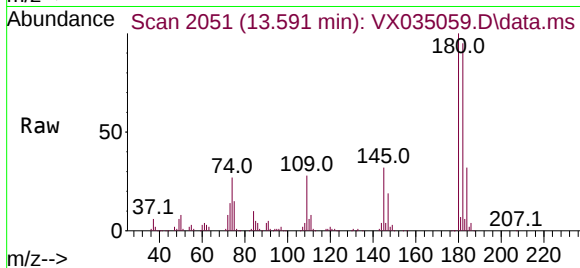
Tgt Ion:180	Resp:	85169
Ion Ratio	Lower	Upper
180	100	
182	92.8	47.0 141.0
145	32.1	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#94

Hexachlorobutadiene

Concen: 20.429 ug/l

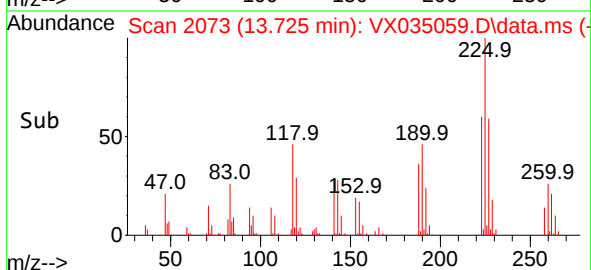
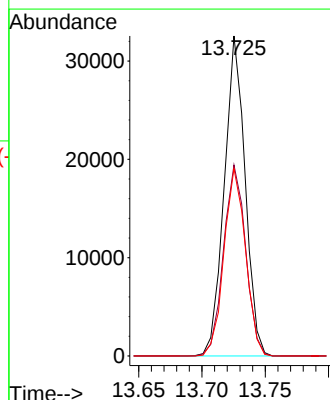
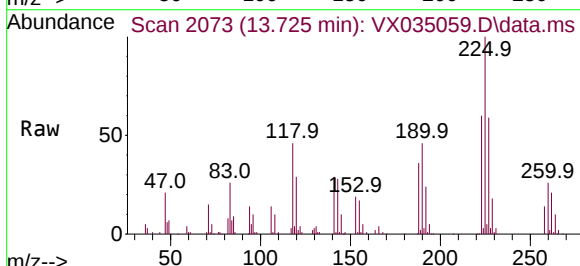
RT: 13.725 min Scan# 2073

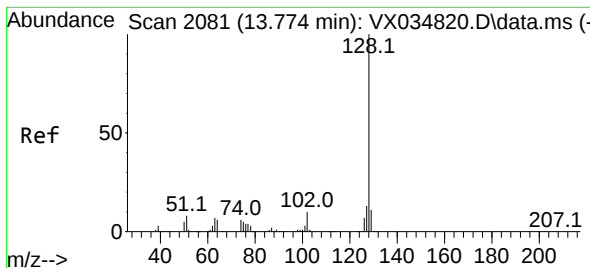
Delta R.T. 0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Tgt Ion:225	Resp:	37260
Ion Ratio	Lower	Upper
225	100	
223	63.1	32.1 96.5
227	60.5	31.8 95.4





#95

Naphthalene

Concen: 21.344 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

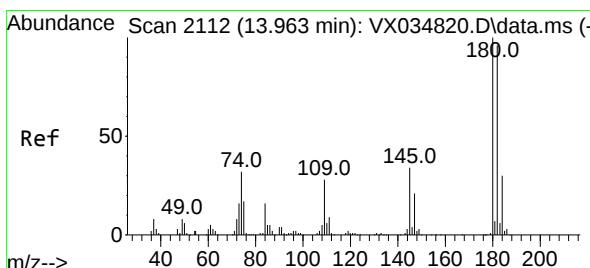
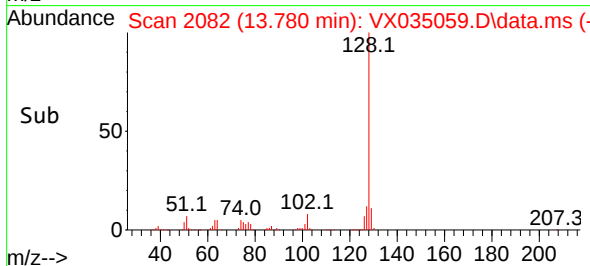
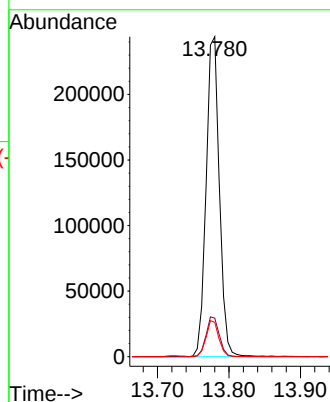
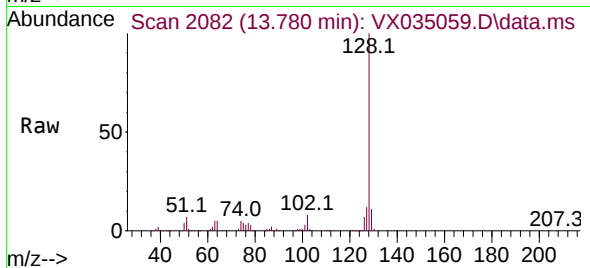
Tgt Ion:128	Resp:	31449
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.2 15.4
129	10.8	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.826 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035059.D

Acq: 13 Apr 2023 13:17

Tgt Ion:180	Resp:	87093
Ion Ratio	Lower	Upper
180	100	
182	94.4	48.0 144.2
145	34.4	17.7 53.1

