

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
 Data File : VX036122.D
 Acq On : 12 Jun 2023 14:51
 Operator : JC/MD
 Sample : PB153331ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153331ZHE#02

Quant Time: Jun 13 04:49:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

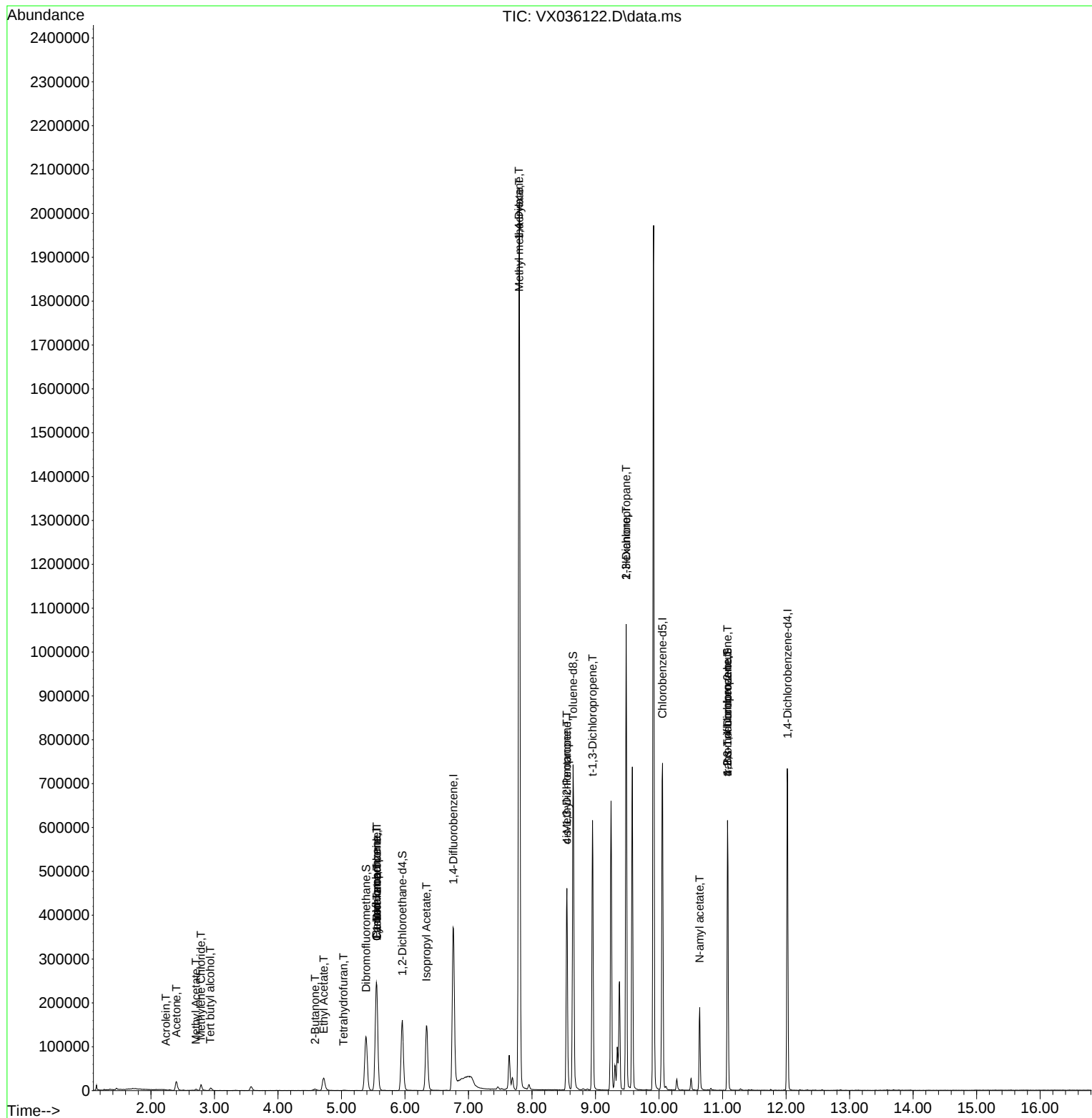
Internal Standards						
1) Pentafluorobenzene	5.550	168	210869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159776	46.661	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.320%		
35) Dibromofluoromethane	5.385	113	106881	45.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.660%		
50) Toluene-d8	8.647	98	417822	49.915	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.840%		
62) 4-Bromofluorobenzene	11.079	95	161010	48.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.460%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	3615	5.945	ug/l #	78
13) Acrolein	2.233	56	203	0.347	ug/l #	28
16) Acetone	2.398	43	30939	21.901	ug/l	95
18) Methyl Acetate	2.709	43	3622	0.660	ug/l	96
20) Methylene Chloride	2.788	84	5852	2.151	ug/l	95
25) 2-Butanone	4.587	43	2878	1.423	ug/l #	69
29) Tetrahydrofuran	5.032	42	427	0.328	ug/l #	53
31) Cyclohexane	5.556	56	5365	1.496	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	19783	6.362	ug/l #	51
37) Ethyl Acetate	4.721	43	53267	15.380	ug/l	99
38) Carbon Tetrachloride	5.556	117	25045	8.264	ug/l #	17
43) Isopropyl Acetate	6.336	43	209500	36.789	ug/l	99
48) Methyl methacrylate	7.799	41	183271	65.626	ug/l #	49
49) 1,4-Dioxane	7.793	88	267	4.175	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	163915	47.155	ug/l #	50
53) t-1,3-Dichloropropene	8.952	75	1288	0.380	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	67353	17.975	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	8649	2.056	ug/l #	42
59) 2-Hexanone	9.482	43	131704	51.249	ug/l #	50
74) N-amyl acetate	10.640	43	50624	11.338	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	89484	28.144	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	89484	94.797	ug/l #	3

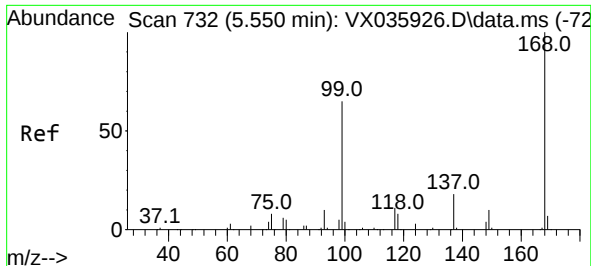
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
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Instrument :
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ClientSampleId :
PB153331ZHE#02

Quant Time: Jun 13 04:49:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

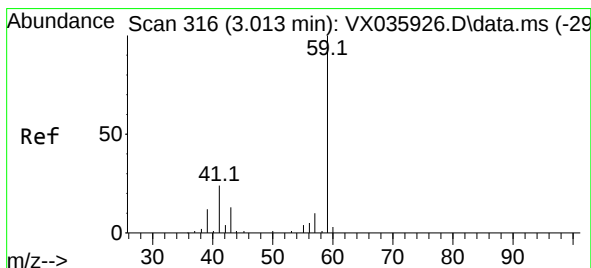
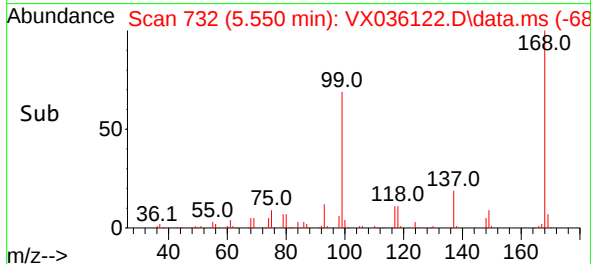
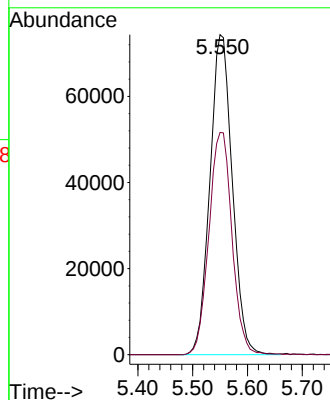
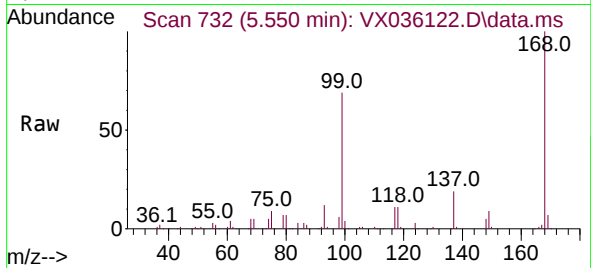




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

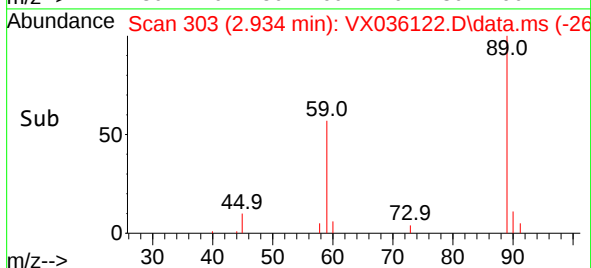
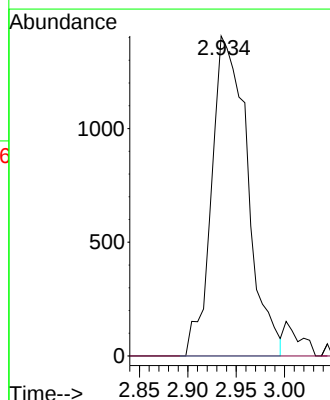
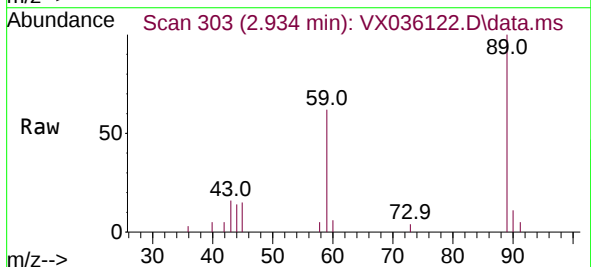
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

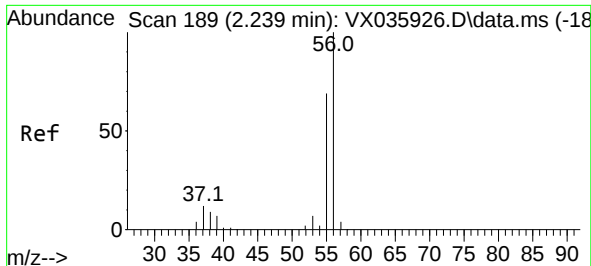
Tgt Ion:168 Resp: 210869
Ion Ratio Lower Upper
168 100
99 69.4 57.0 85.6



#11
Tert butyl alcohol
Concen: 5.945 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 59 Resp: 3615
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

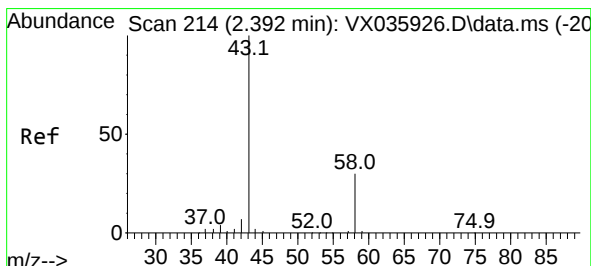
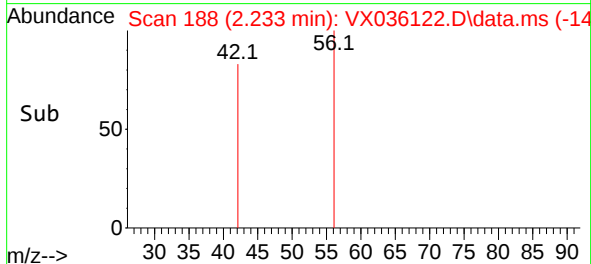
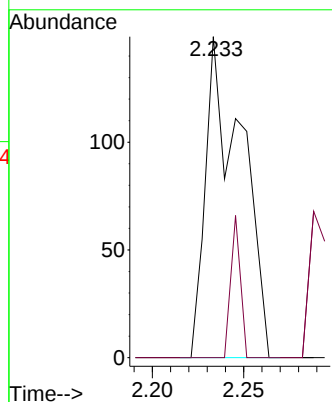
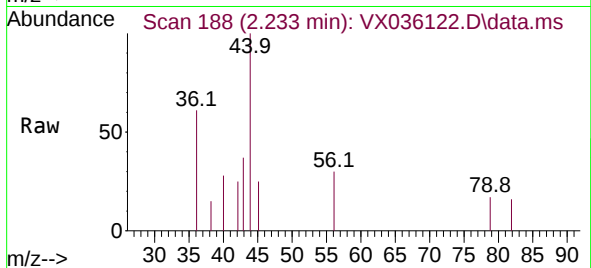




#13
Acrolein
Concen: 0.347 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

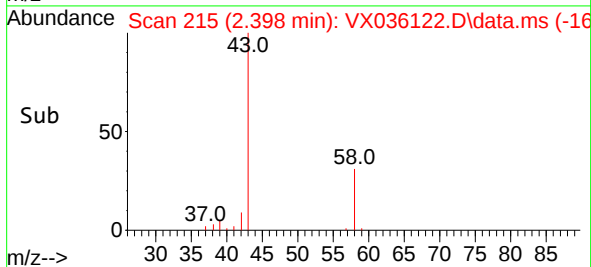
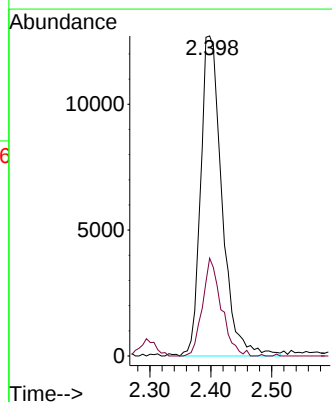
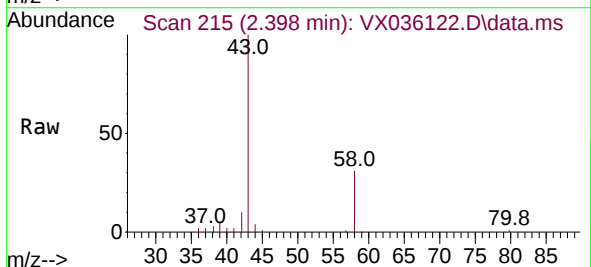
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

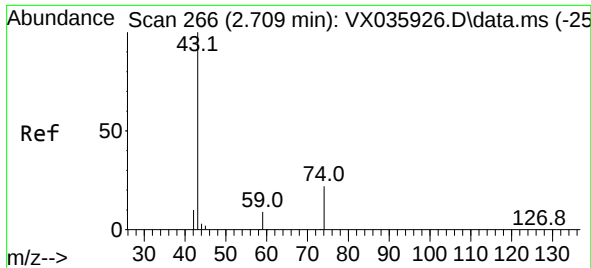
Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 11.8 57.3 85.9#



#16
Acetone
Concen: 21.901 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 43 Resp: 30939
Ion Ratio Lower Upper
43 100
58 30.6 22.2 33.2

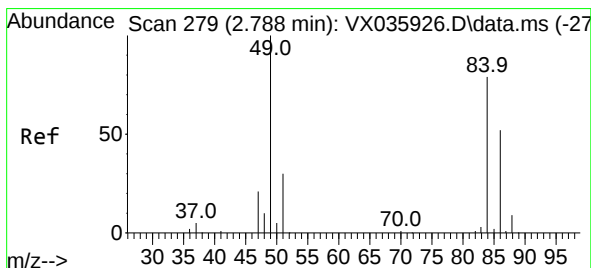
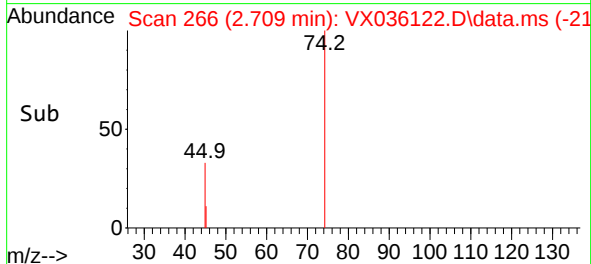
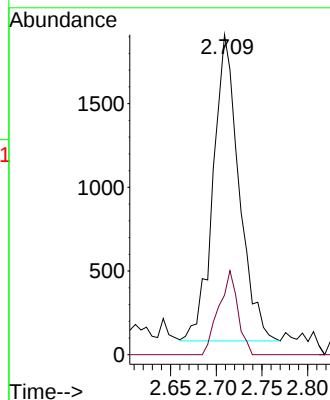
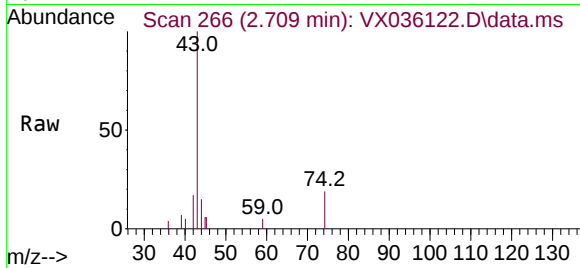




#18
Methyl Acetate
Concen: 0.660 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

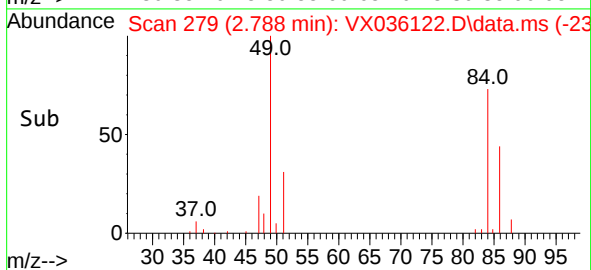
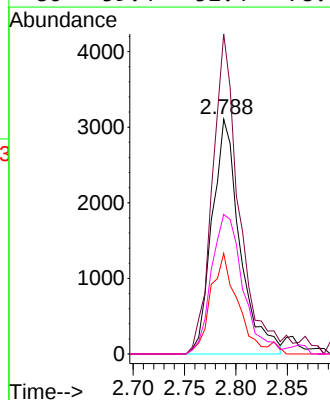
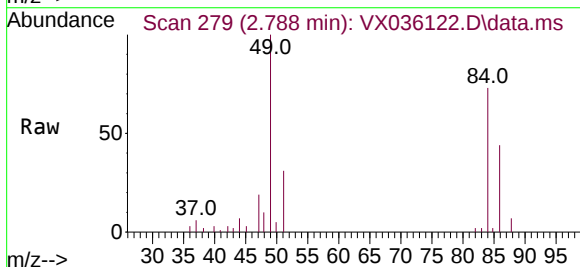
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

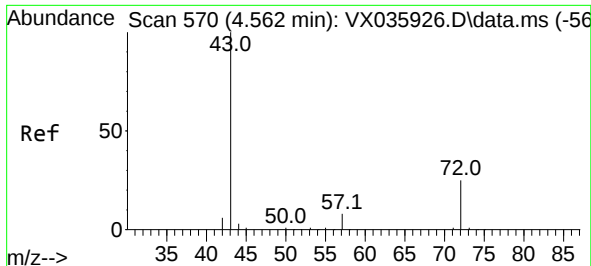
Tgt Ion: 43 Resp: 3622
Ion Ratio Lower Upper
43 100
74 20.1 17.7 26.5



#20
Methylene Chloride
Concen: 2.151 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 84 Resp: 5852
Ion Ratio Lower Upper
84 100
49 136.3 104.6 156.8
51 42.8 32.2 48.4
86 59.4 52.4 78.6





#25

2-Butanone

Concen: 1.423 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX036122.D

Acq: 12 Jun 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

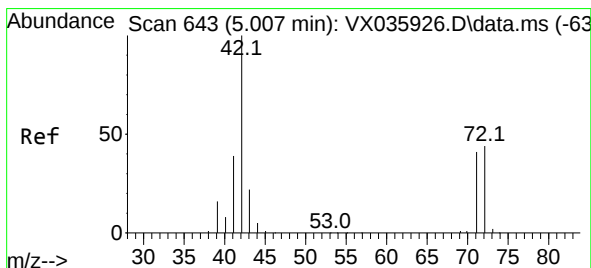
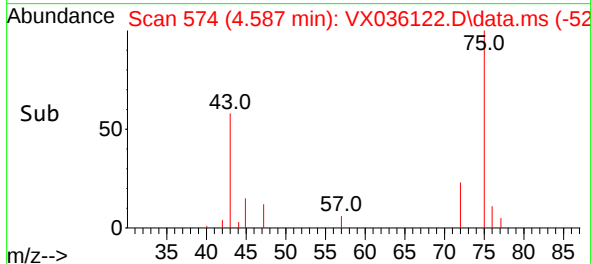
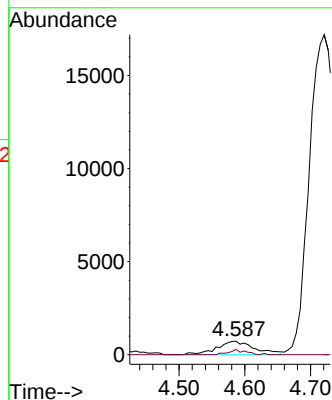
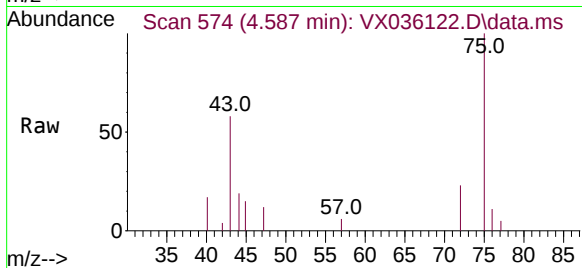
PB153331ZHE#02

Tgt Ion: 43 Resp: 2878

Ion Ratio Lower Upper

43 100

72 39.8 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.328 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX036122.D

Acq: 12 Jun 2023 14:51

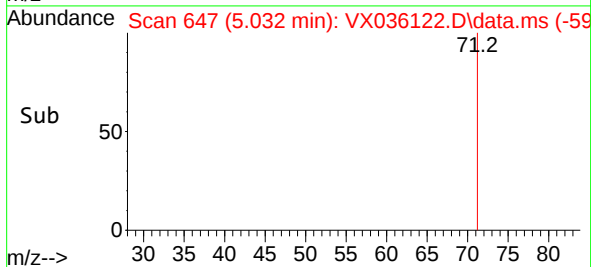
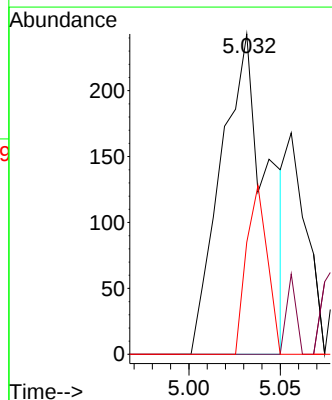
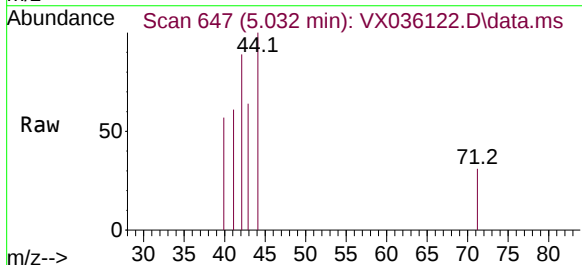
Tgt Ion: 42 Resp: 427

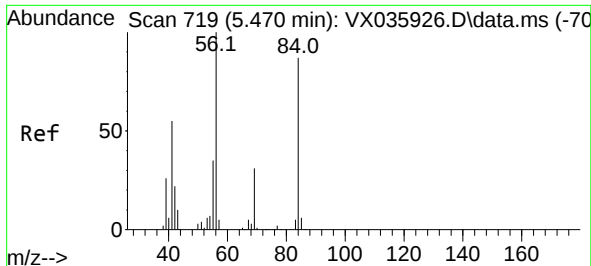
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

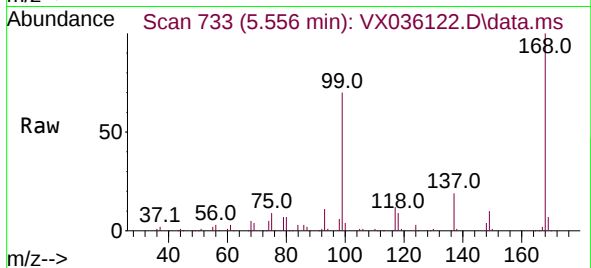
71 23.9 31.8 47.8#



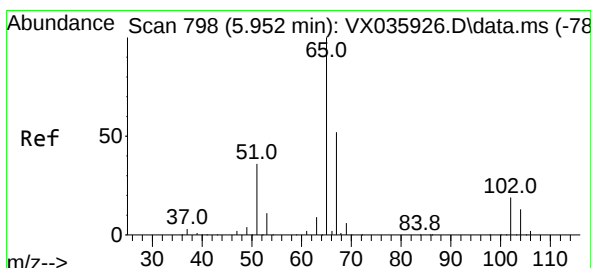
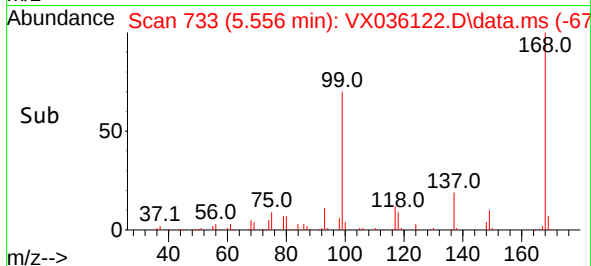
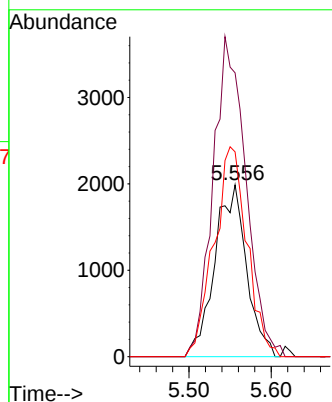


#31
Cyclohexane
Concen: 1.496 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

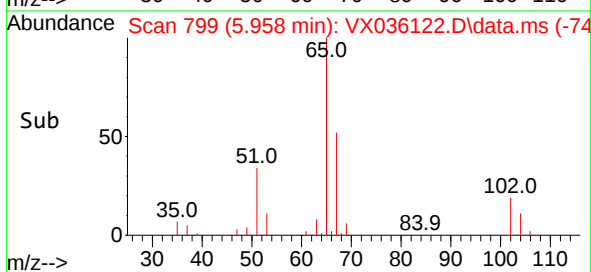
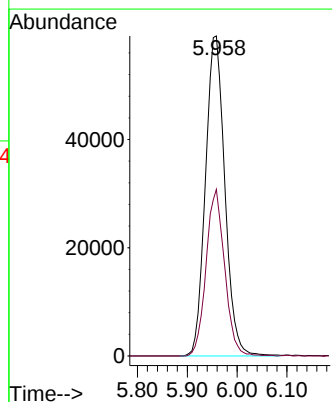
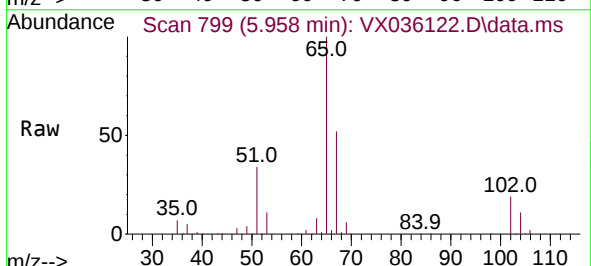


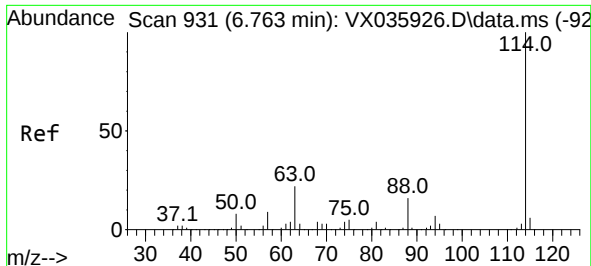
Tgt Ion: 56 Resp: 5365
Ion Ratio Lower Upper
56 100
69 165.1 25.9 38.9#
84 119.1 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 46.661 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 65 Resp: 159776
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.6

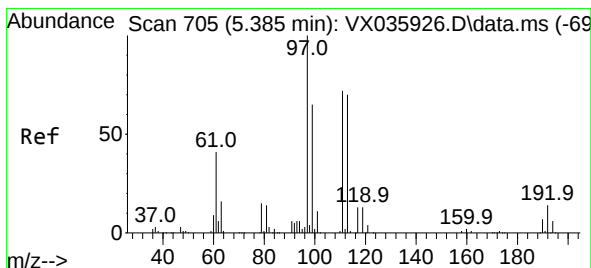
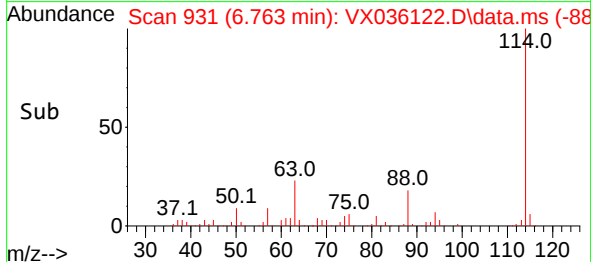
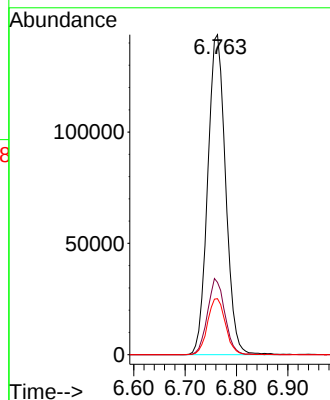
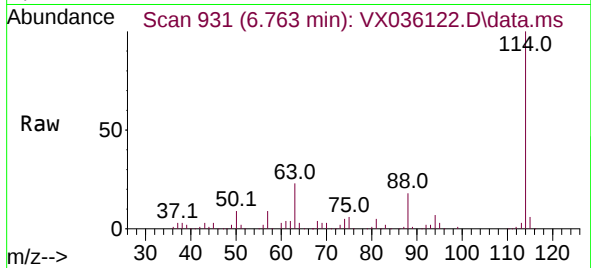




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

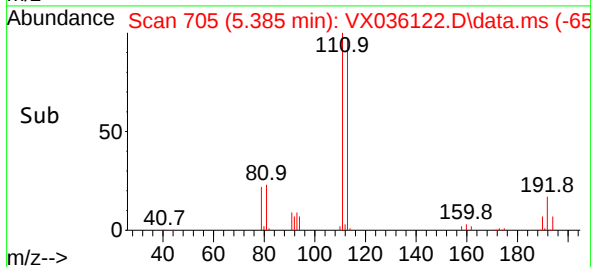
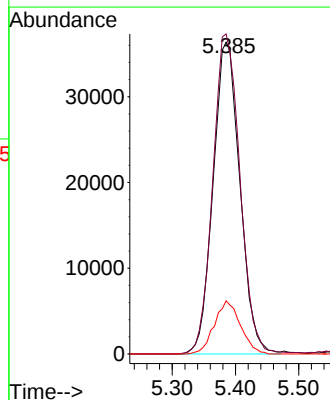
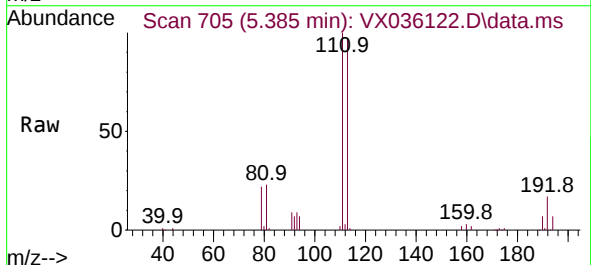
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

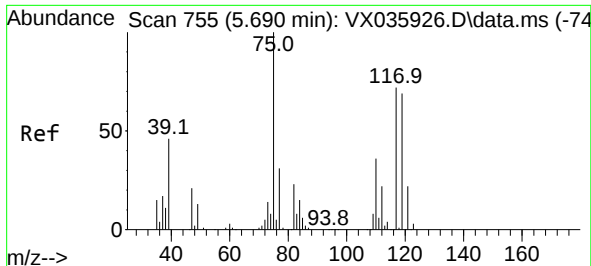
Tgt Ion:114 Resp: 346768
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.0
88 17.5 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion:113 Resp: 106881
Ion Ratio Lower Upper
113 100
111 104.2 81.7 122.5
192 16.6 13.5 20.3

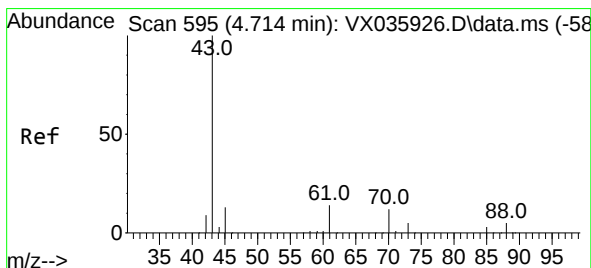
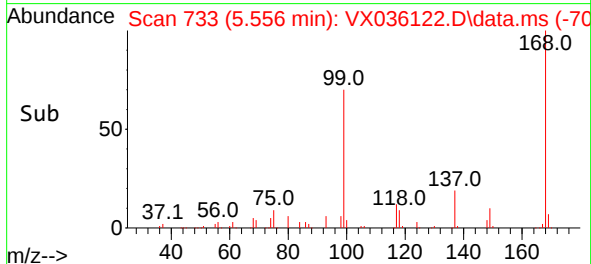
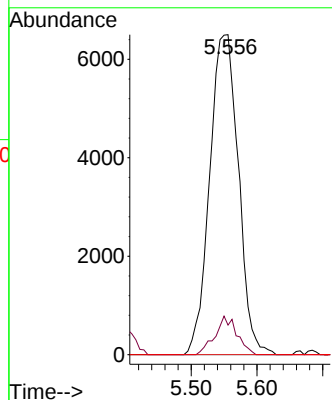
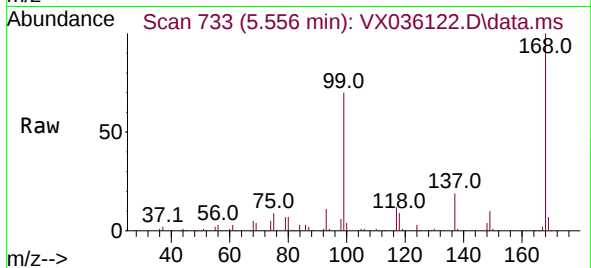




#36
1,1-Dichloropropene
Concen: 6.362 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

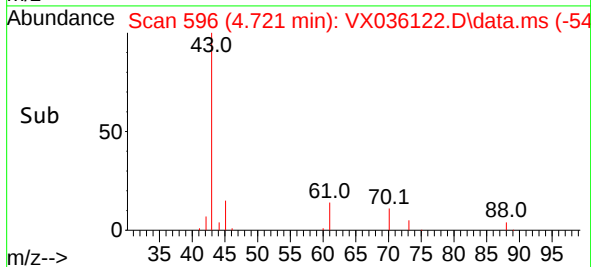
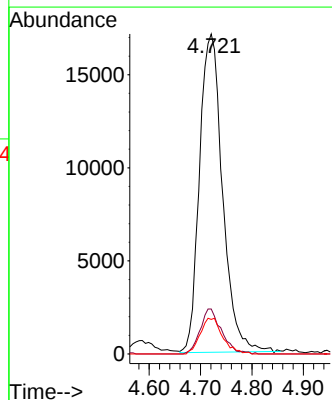
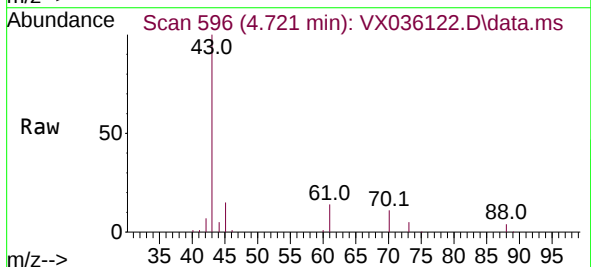
Instrument :
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PB153331ZHE#02

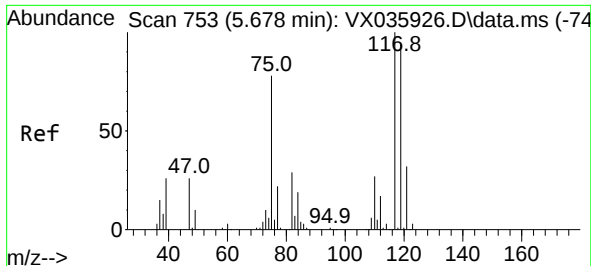
Tgt Ion: 75 Resp: 19783
Ion Ratio Lower Upper
75 100
110 9.2 16.6 49.7#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 15.380 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

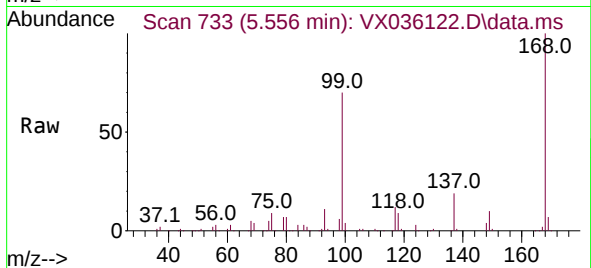
Tgt Ion: 43 Resp: 53267
Ion Ratio Lower Upper
43 100
61 13.1 10.3 15.5
70 10.9 8.3 12.5



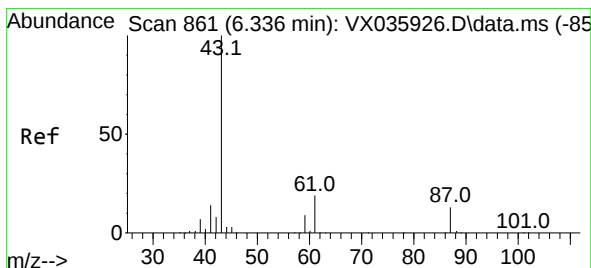
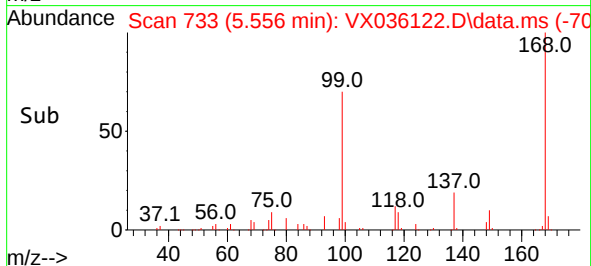
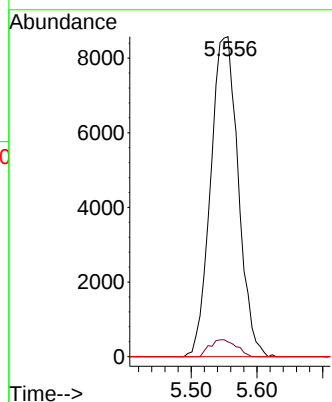


#38
Carbon Tetrachloride
Concen: 8.264 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

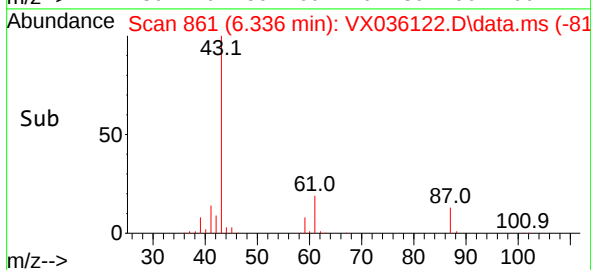
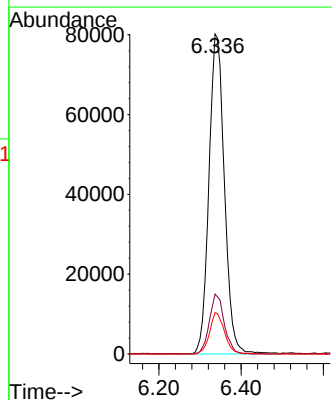
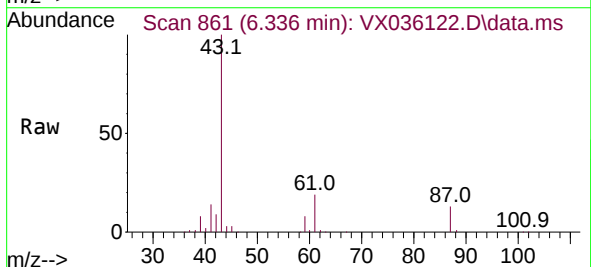


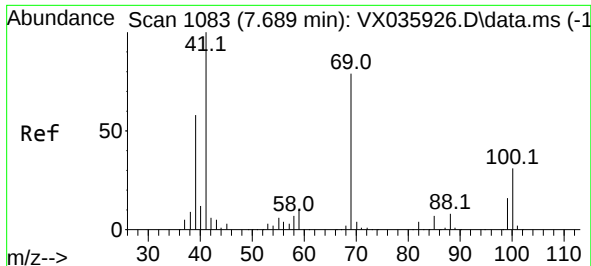
Tgt Ion:117 Resp: 25045
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 36.789 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 43 Resp: 209500
Ion Ratio Lower Upper
43 100
61 18.0 15.0 22.4
87 12.3 9.9 14.9

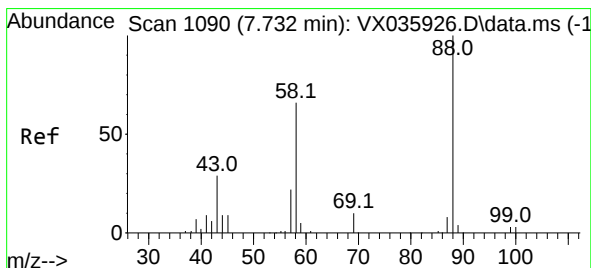
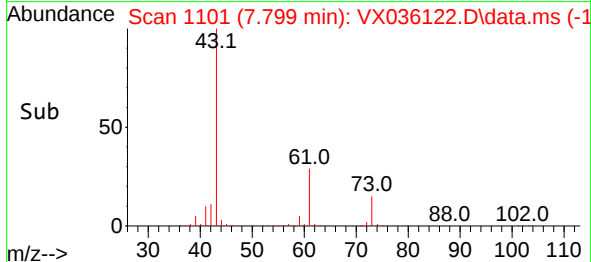
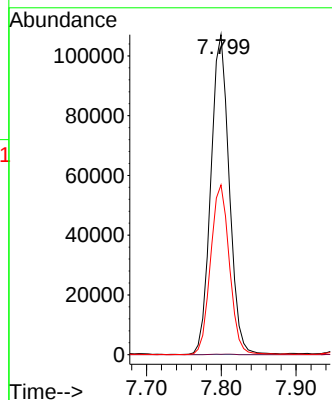
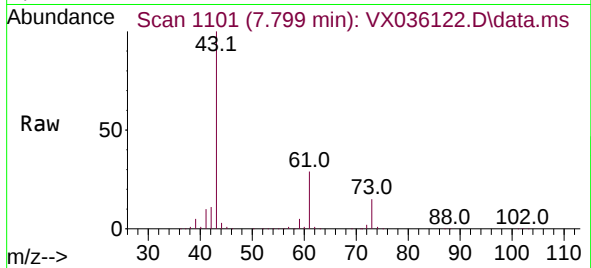




#48
Methyl methacrylate
Concen: 65.626 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

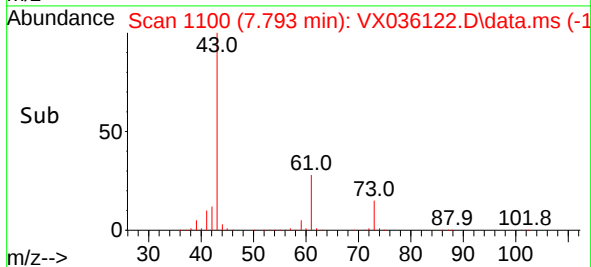
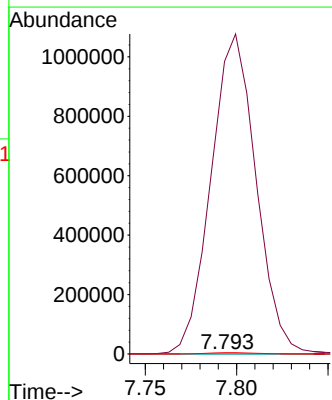
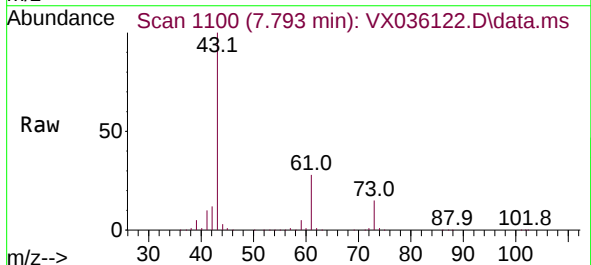
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

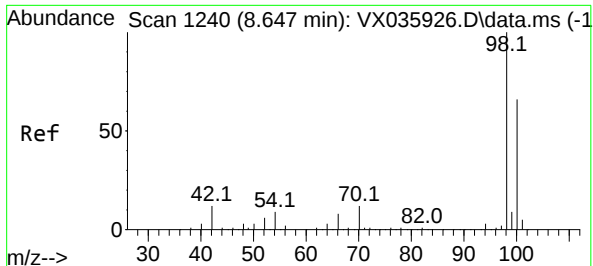
Tgt Ion: 41 Resp: 183271
Ion Ratio Lower Upper
41 100
69 0.2 59.0 88.6#
39 54.5 48.4 72.6



#49
1,4-Dioxane
Concen: 4.175 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.079 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 88 Resp: 267
Ion Ratio Lower Upper
88 100
43 695885.8 27.4 41.0#
58 2961.4 58.9 88.3#

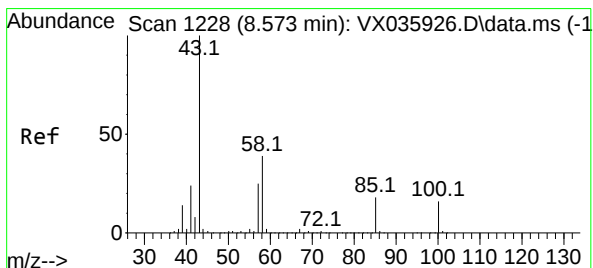
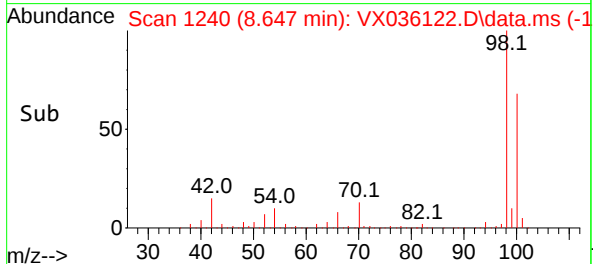
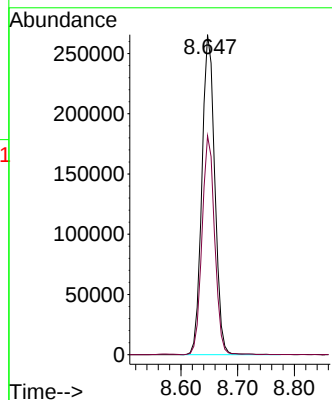
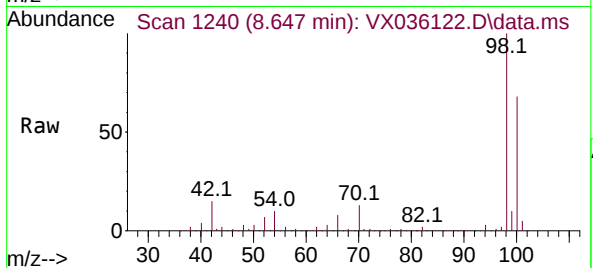




#50
Toluene-d8
Concen: 49.915 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

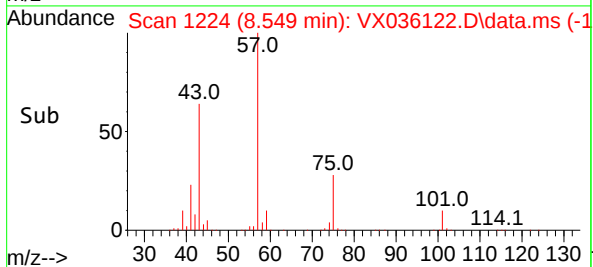
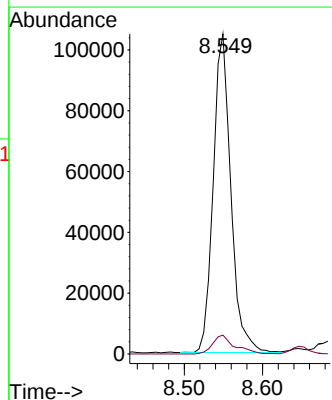
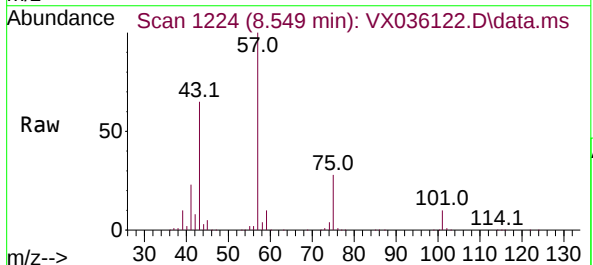
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

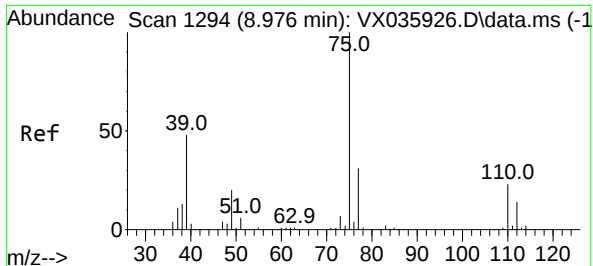
Tgt Ion: 98 Resp: 417822
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 47.155 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 43 Resp: 163915
Ion Ratio Lower Upper
43 100
58 7.4 30.1 45.1#

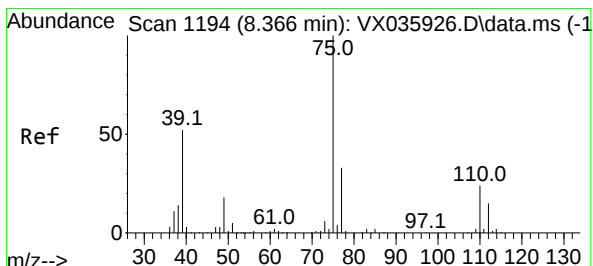
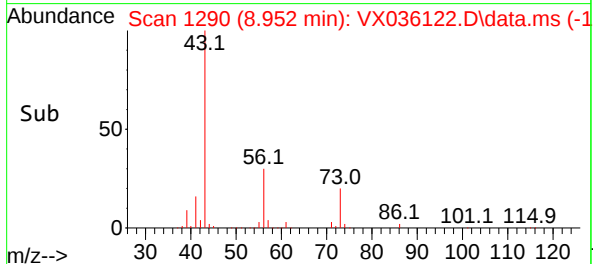
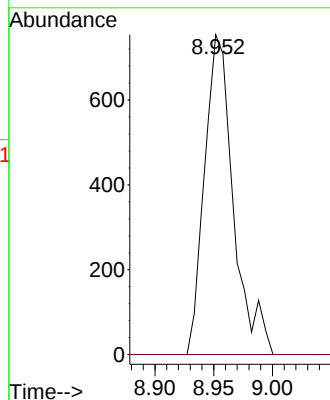
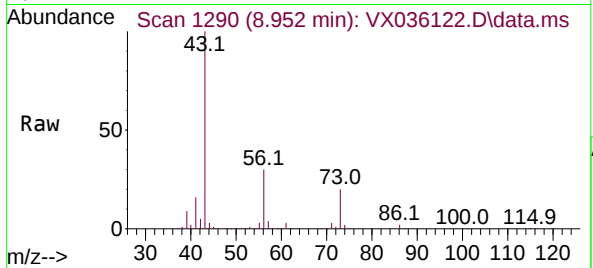




#53
 t-1,3-Dichloropropene
 Concen: 0.380 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX036122.D
 Acq: 12 Jun 2023 14:51

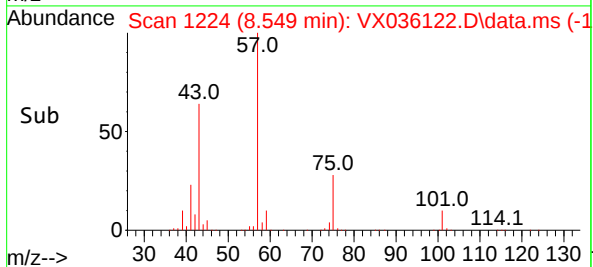
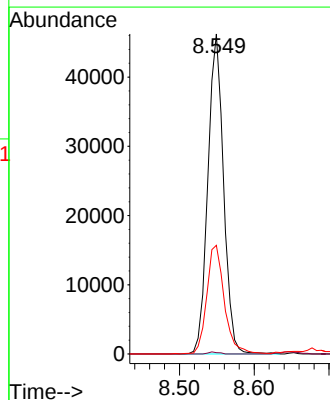
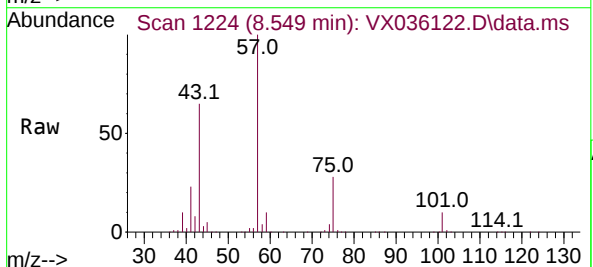
Instrument :
 MSVOA_X
 ClientSampleId :
 PB153331ZHE#02

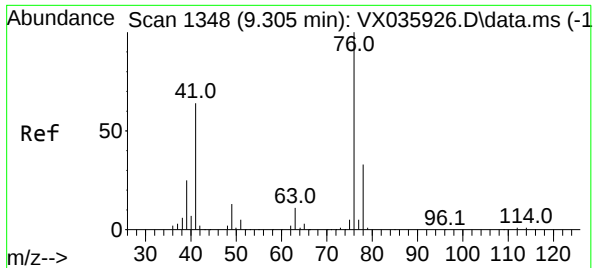
Tgt Ion: 75 Resp: 1288
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 17.975 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX036122.D
 Acq: 12 Jun 2023 14:51

Tgt Ion: 75 Resp: 67353
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.7 37.1#
 39 33.9 47.0 70.6#

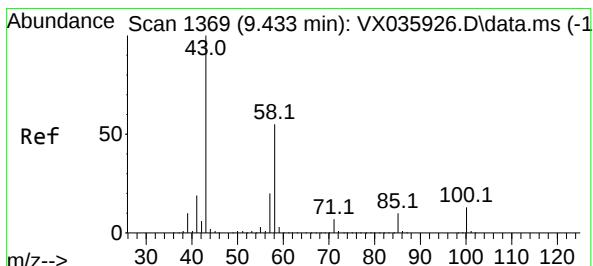
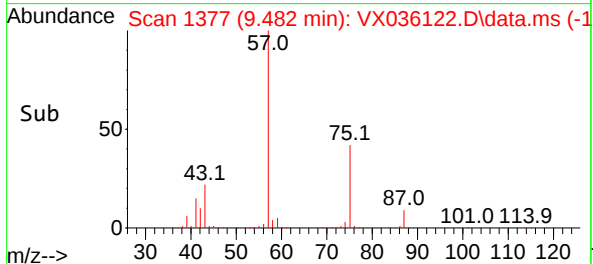
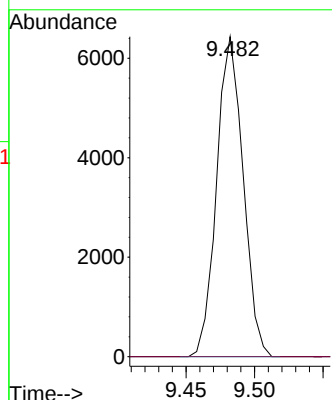
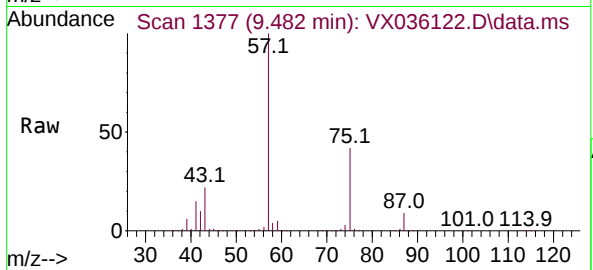




#57
1,3-Dichloropropane
Concen: 2.056 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

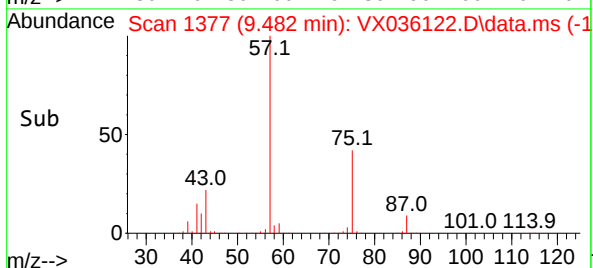
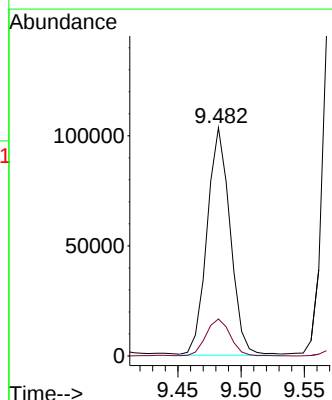
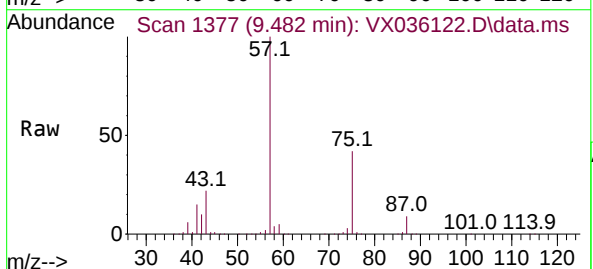
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

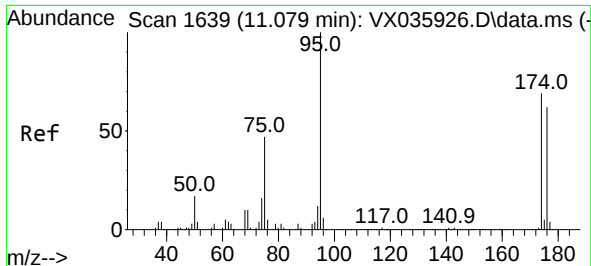
Tgt Ion: 76 Resp: 8649
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 51.249 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 43 Resp: 131704
Ion Ratio Lower Upper
43 100
58 17.2 26.3 78.8#

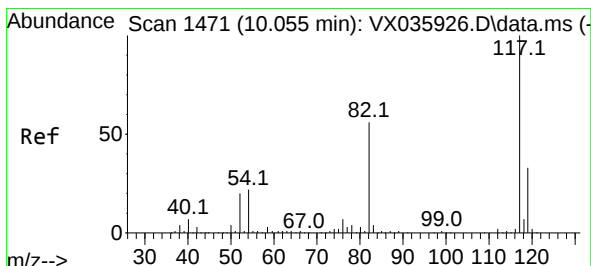
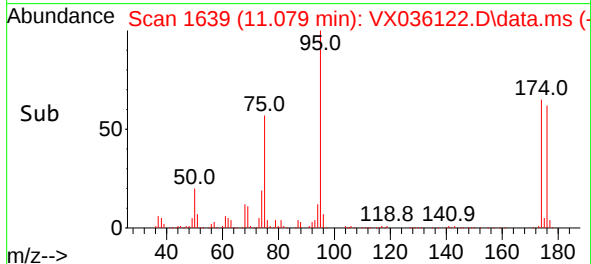
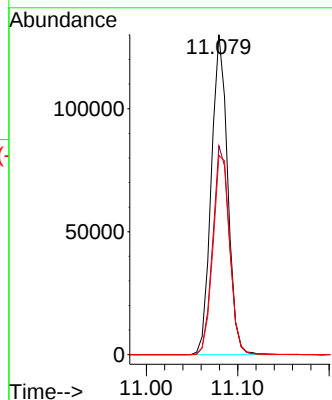
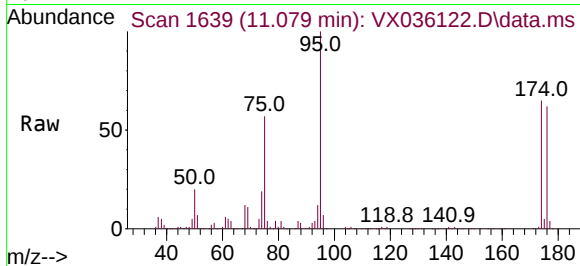




#62
4-Bromofluorobenzene
Concen: 48.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

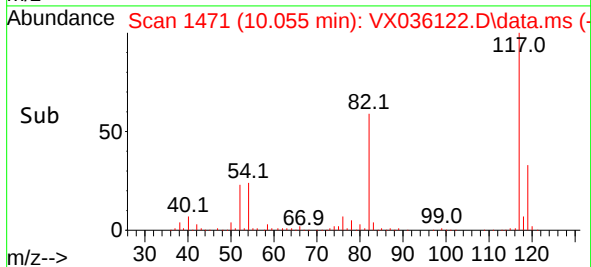
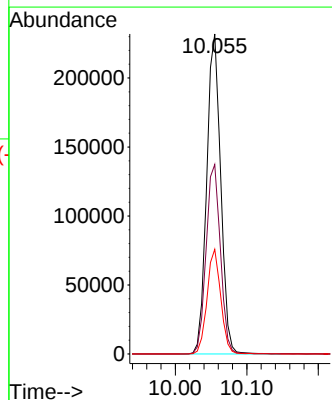
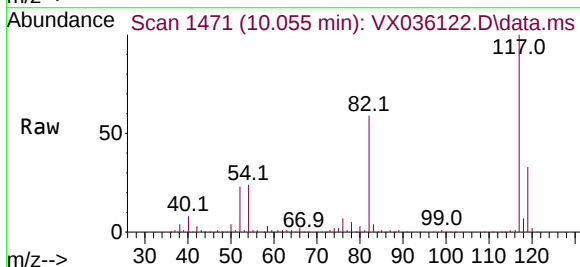
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

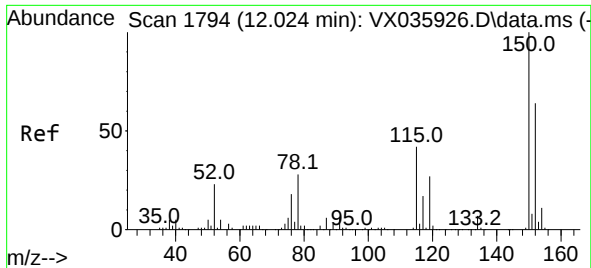
Tgt Ion: 95 Resp: 161010
Ion Ratio Lower Upper
95 100
174 66.5 0.0 132.6
176 64.9 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 117 Resp: 315308
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 32.7 25.4 38.2

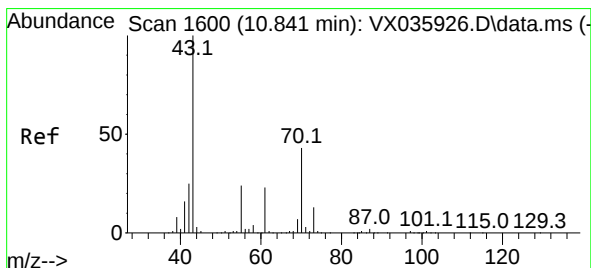
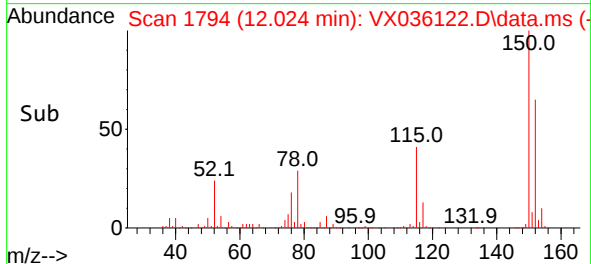
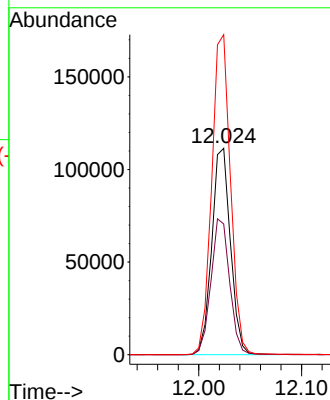
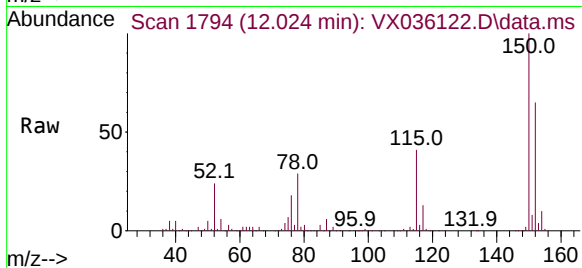




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

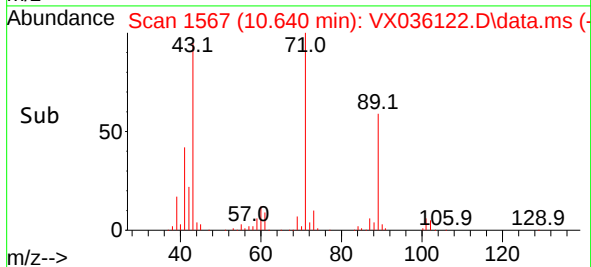
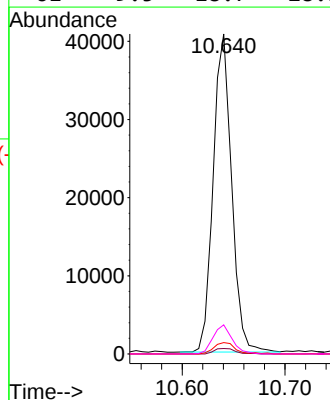
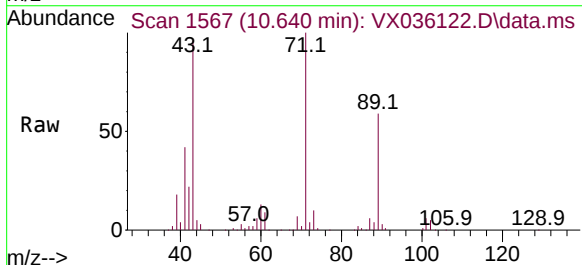
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

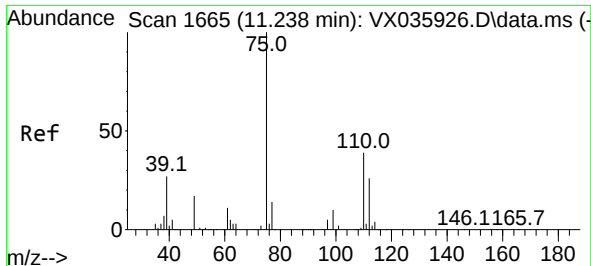
Tgt Ion:152 Resp: 140972
Ion Ratio Lower Upper
152 100
115 65.9 45.5 136.5
150 156.1 0.0 345.2



#74
N-ethyl acetate
Concen: 11.338 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 43 Resp: 50624
Ion Ratio Lower Upper
43 100
70 2.0 32.6 48.8#
55 4.3 19.0 28.4#
61 9.5 18.7 28.1#

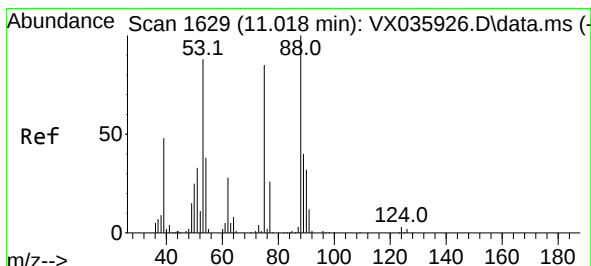
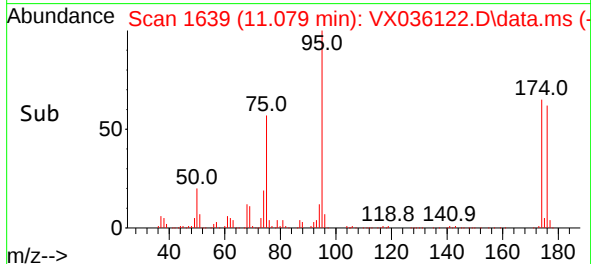
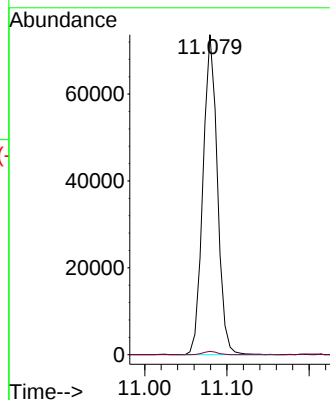
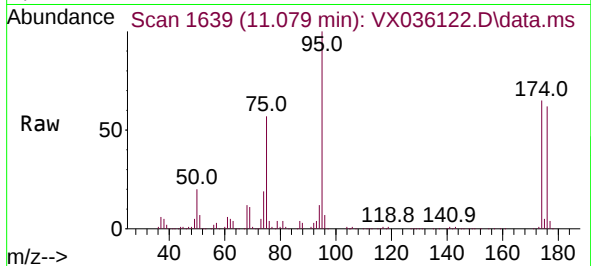




#76
1,2,3-Trichloropropane
Concen: 28.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#02

Tgt Ion: 75 Resp: 89484
Ion Ratio Lower Upper
75 100
77 1.0 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036122.D
Acq: 12 Jun 2023 14:51

Tgt Ion: 75 Resp: 89484
Ion Ratio Lower Upper
75 100
53 0.1 95.2 142.8#
89 0.0 38.0 57.0#

