

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040815.D
 Acq On : 27 Mar 2024 15:56
 Operator : JC/MD
 Sample : P1870-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXTRA-PILE

Quant Time: Mar 28 03:56:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

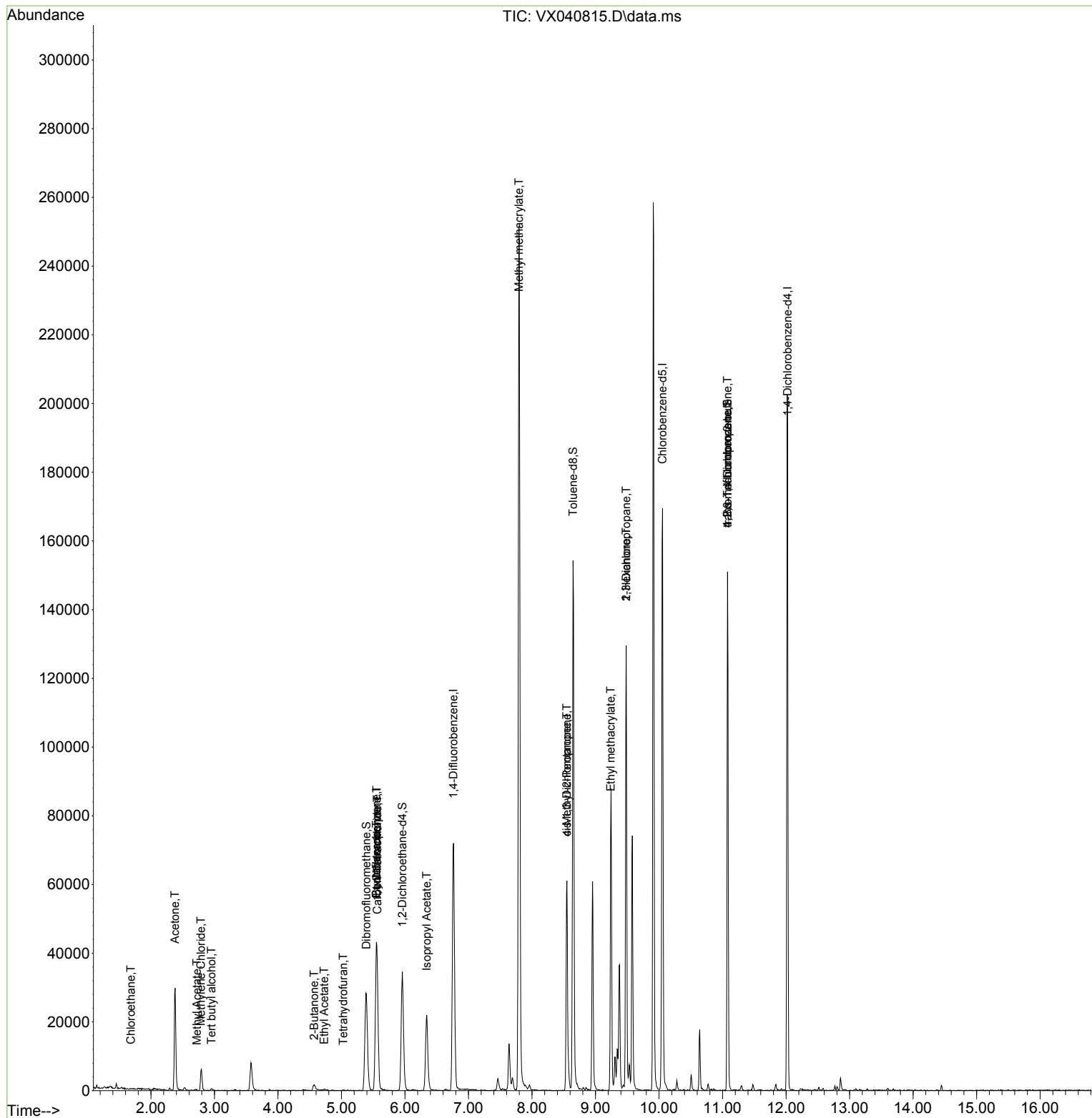
Internal Standards						
1) Pentafluorobenzene	5.550	168	39153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	70081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33449	50.808	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.620%	
35) Dibromofluoromethane	5.391	113	24312	46.363	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.720%	
50) Toluene-d8	8.647	98	88860	49.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	11.079	95	36996	52.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.300%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.684	64	121	0.351	ug/l #	43
11) Tert butyl alcohol	2.952	59	792	7.513	ug/l #	78
16) Acetone	2.379	43	32472	139.253	ug/l	97
18) Methyl Acetate	2.721	43	524	0.838	ug/l #	75
20) Methylene Chloride	2.788	84	2837	5.566	ug/l #	81
25) 2-Butanone	4.568	43	3282	8.986	ug/l #	85
29) Tetrahydrofuran	5.025	42	88	0.362	ug/l #	71
31) Cyclohexane	5.550	56	1040	1.330	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	3340	4.326	ug/l #	50
37) Ethyl Acetate	4.727	43	899	1.025	ug/l #	69
38) Carbon Tetrachloride	5.562	117	4171	4.800	ug/l #	11
43) Isopropyl Acetate	6.342	43	29909	21.724	ug/l	97
48) Methyl methacrylate	7.793	41	24990	39.713	ug/l #	51
51) 4-Methyl-2-Pentanone	8.549	43	25550	29.925	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	8692	10.036	ug/l #	67
56) Ethyl methacrylate	9.238	69	214	0.247	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1134	1.283	ug/l #	42
59) 2-Hexanone	9.482	43	15857	23.975	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	21489	26.358	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	21489	66.680	ug/l #	5

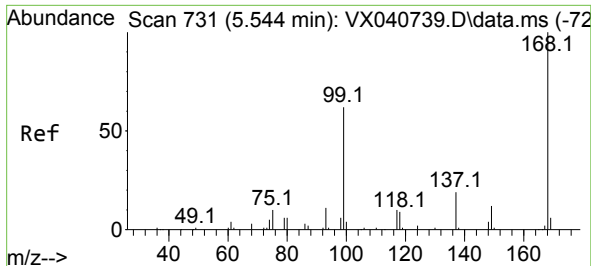
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EXTRA-PILE

Quant Time: Mar 28 03:56:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

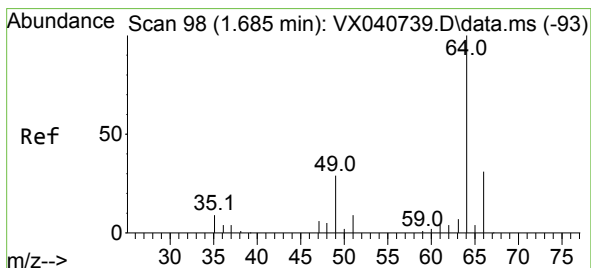
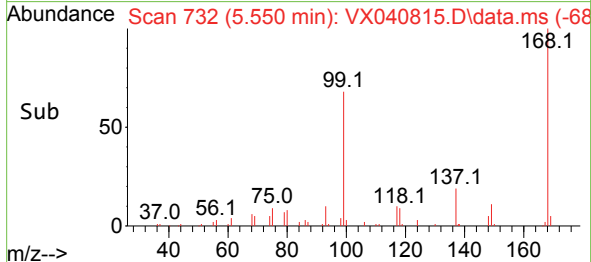
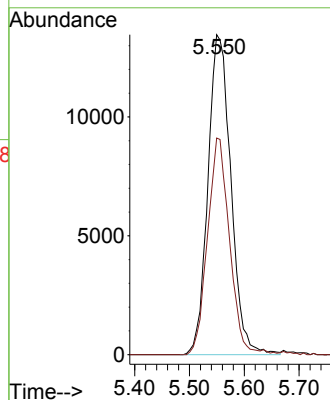
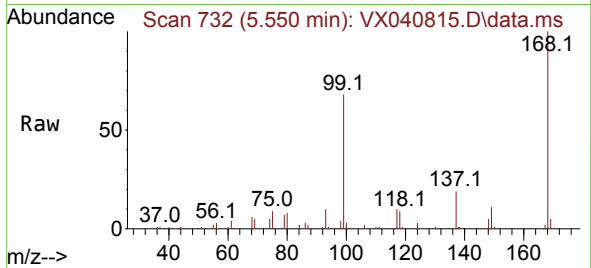




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

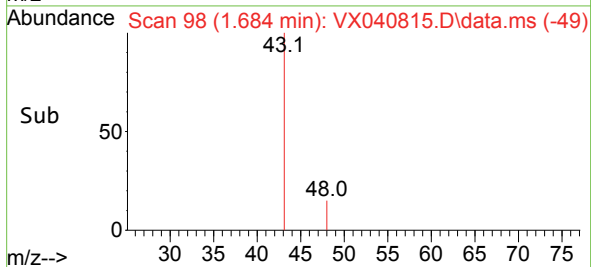
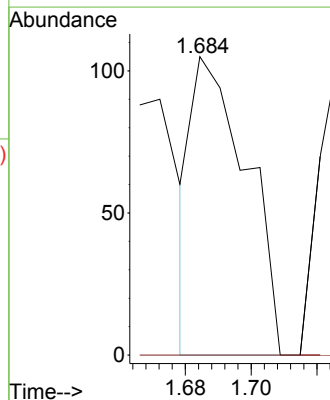
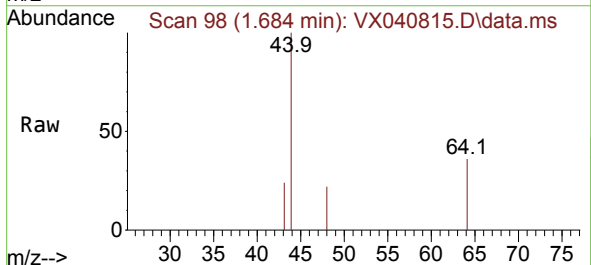
Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

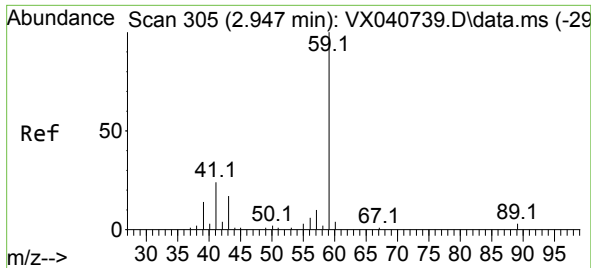
Tgt Ion:168 Resp: 39153
Ion Ratio Lower Upper
168 100
99 67.7 56.6 85.0



#6
Chloroethane
Concen: 0.351 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 64 Resp: 121
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

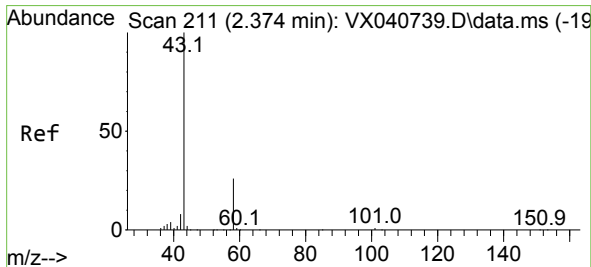
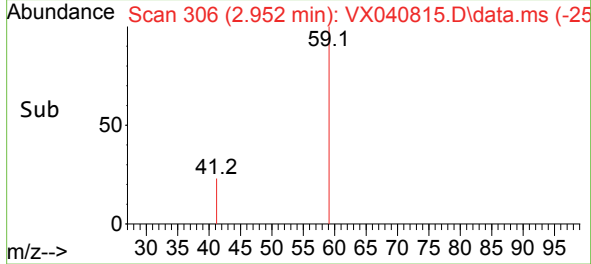
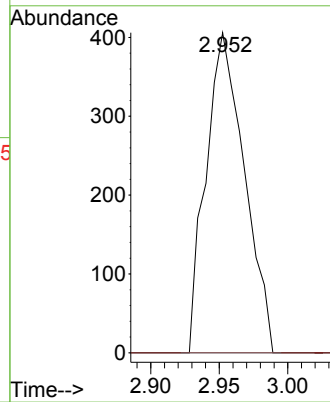
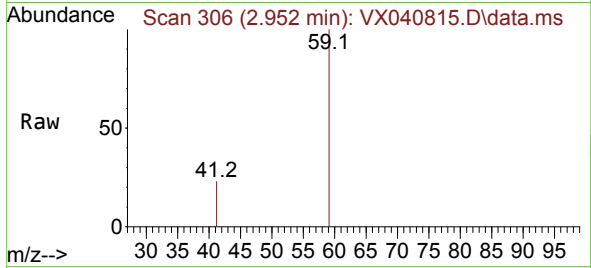




#11
Tert butyl alcohol
Concen: 7.513 ug/l
RT: 2.952 min Scan# 305
Delta R.T. 0.005 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

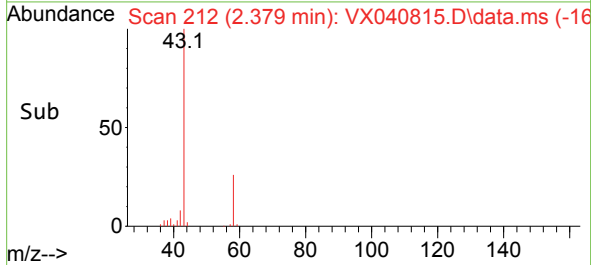
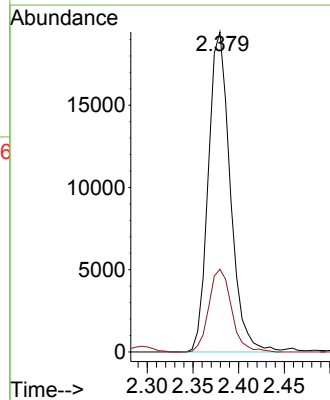
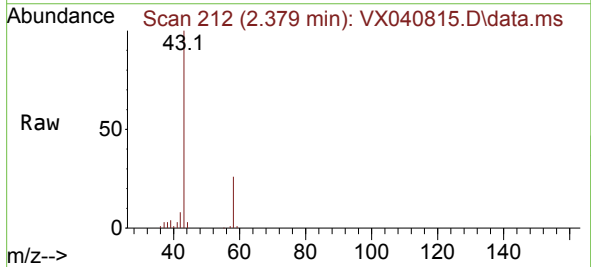
Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

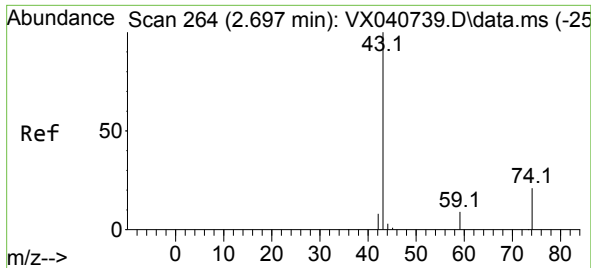
Tgt Ion: 59 Resp: 792
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 139.253 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 43 Resp: 32472
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9

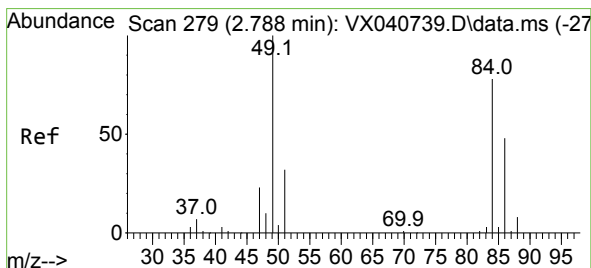
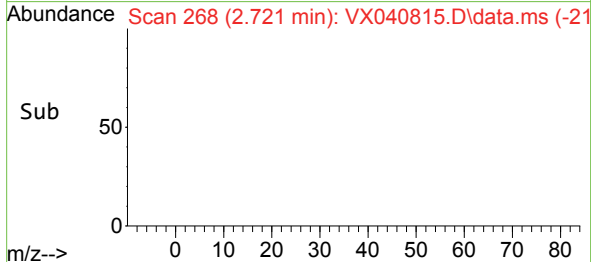
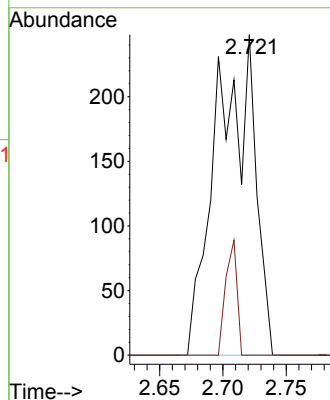
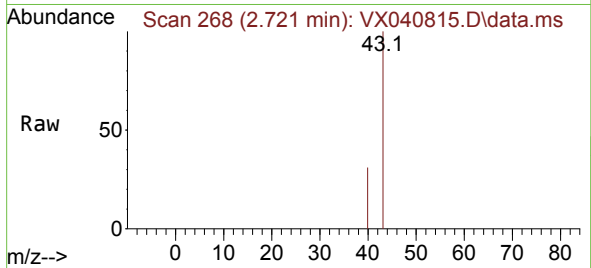




#18
Methyl Acetate
Concen: 0.838 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

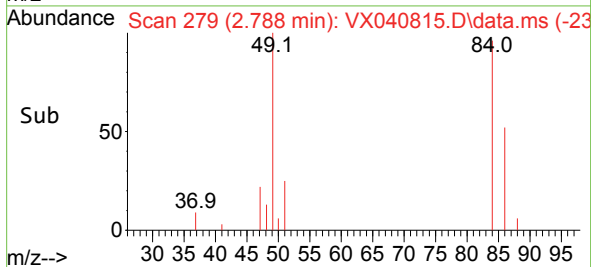
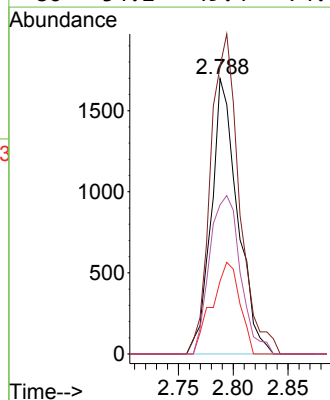
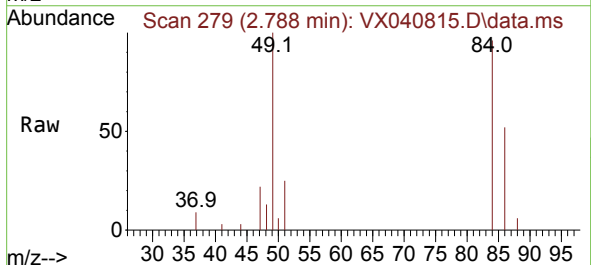
Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

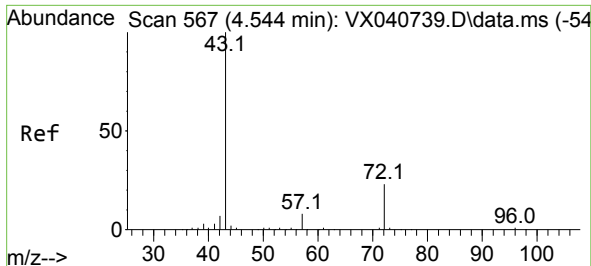
Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
74 10.5 17.8 26.8#



#20
Methylene Chloride
Concen: 5.566 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 84 Resp: 2837
Ion Ratio Lower Upper
84 100
49 104.3 103.6 155.4
51 26.4 33.8 50.6#
86 54.2 49.4 74.0





#25

2-Butanone

Concen: 8.986 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX040815.D

Acq: 27 Mar 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

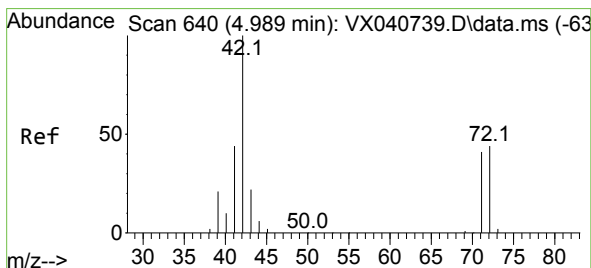
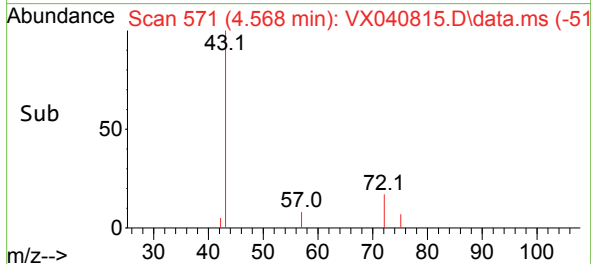
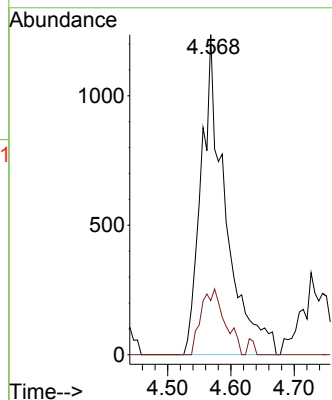
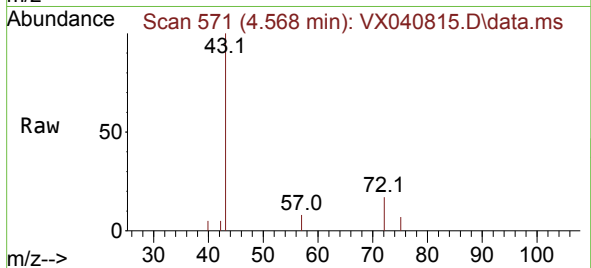
EXTRA-PILE

Tgt Ion: 43 Resp: 3282

Ion Ratio Lower Upper

43 100

72 16.9 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.362 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.036 min

Lab File: VX040815.D

Acq: 27 Mar 2024 15:56

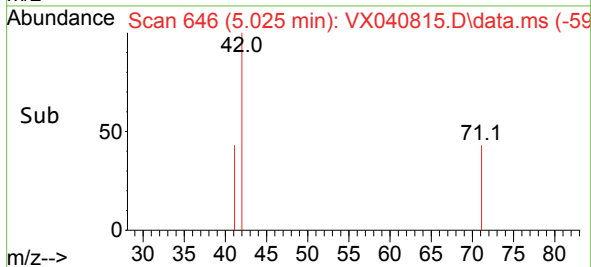
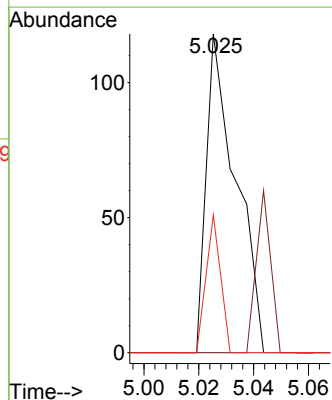
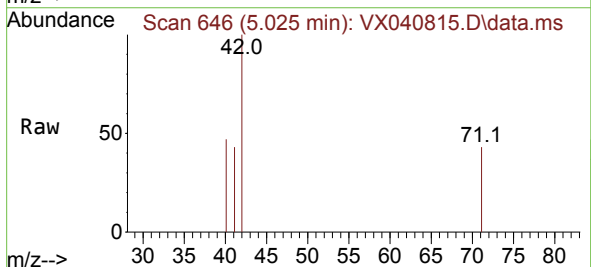
Tgt Ion: 42 Resp: 88

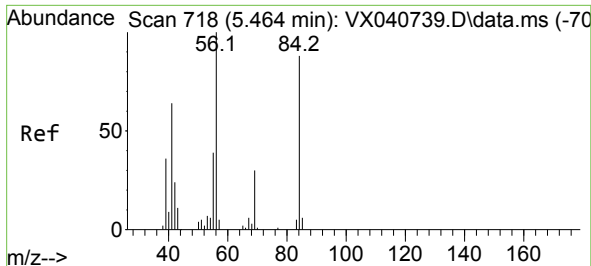
Ion Ratio Lower Upper

42 100

72 25.0 34.2 51.4#

71 21.6 32.2 48.2#

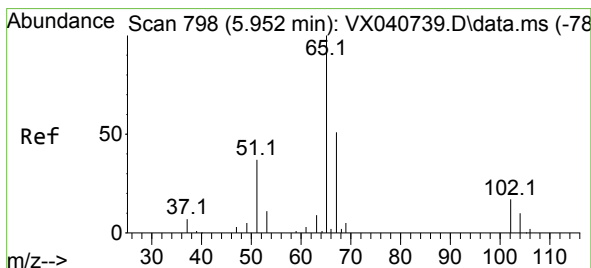
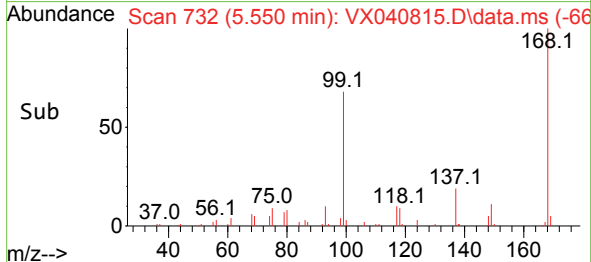
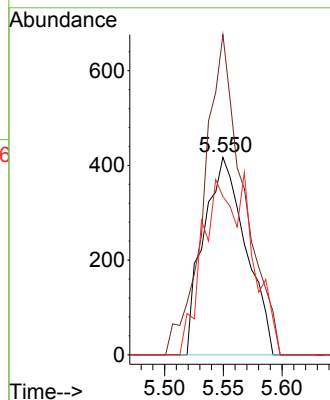
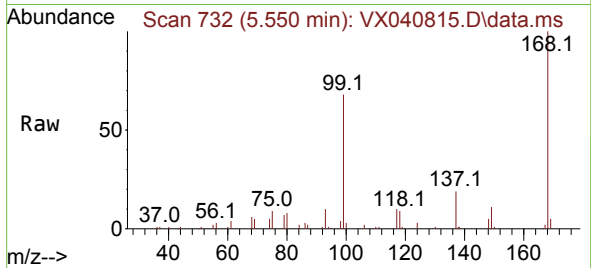




#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

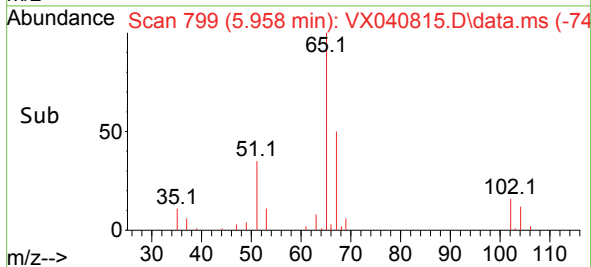
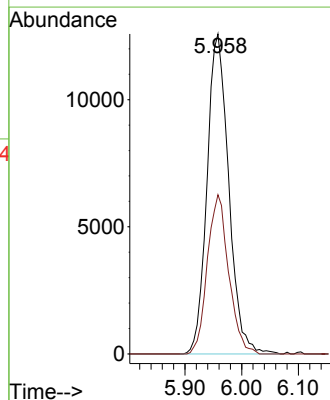
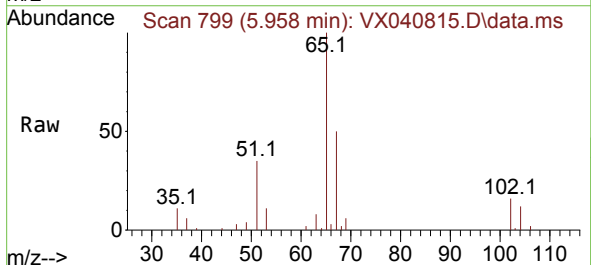
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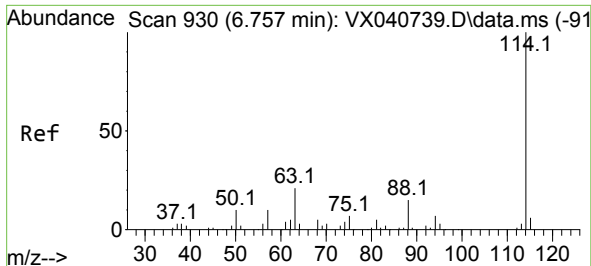
Tgt Ion: 56 Resp: 1040
Ion Ratio Lower Upper
56 100
69 162.1 23.4 35.2#
84 80.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.808 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 65 Resp: 33449
Ion Ratio Lower Upper
65 100
67 48.9 0.0 100.2

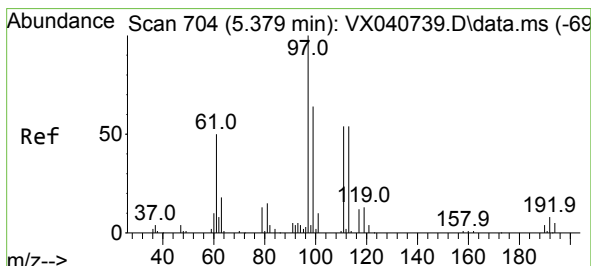
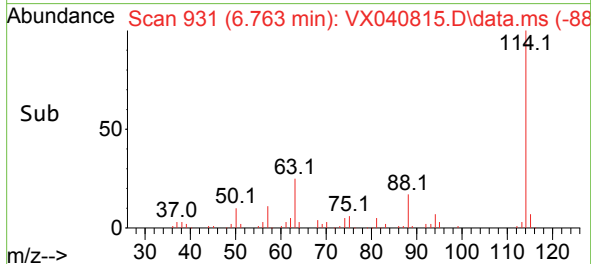
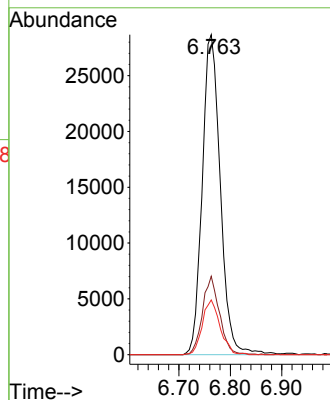
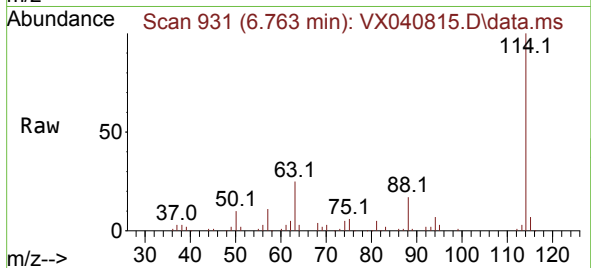




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

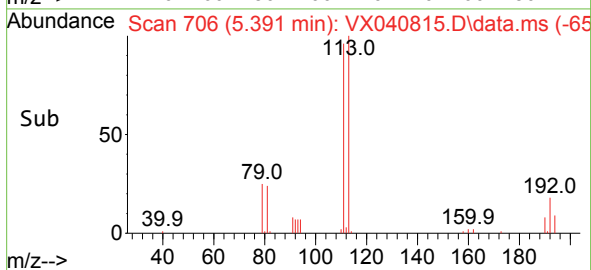
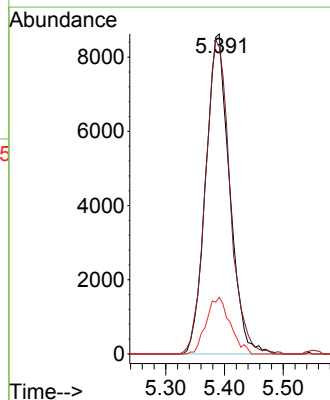
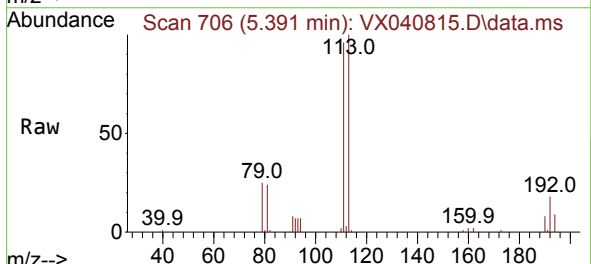
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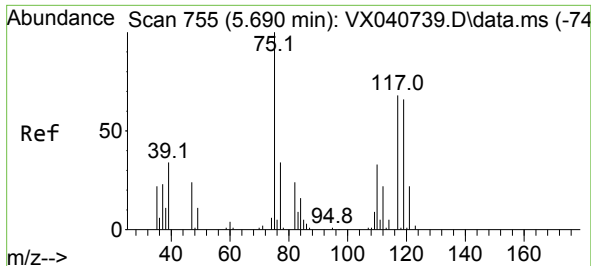
Tgt Ion:114 Resp: 70081
Ion Ratio Lower Upper
114 100
63 24.5 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.363 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion:113 Resp: 24312
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 17.7 13.3 19.9

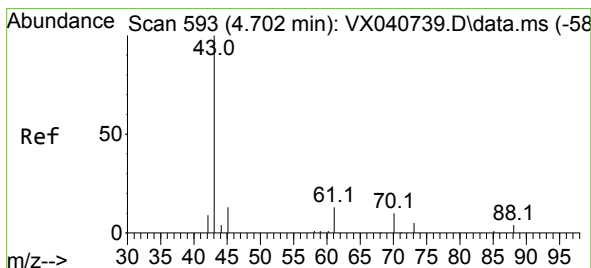
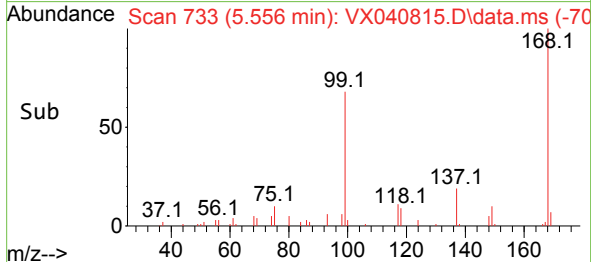
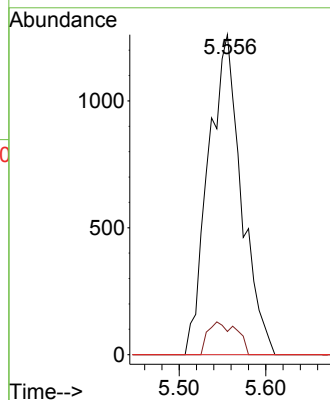
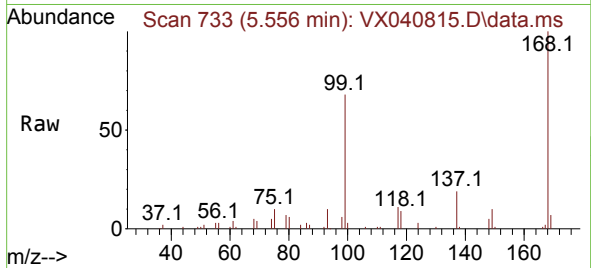




#36
1,1-Dichloropropene
Concen: 4.326 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

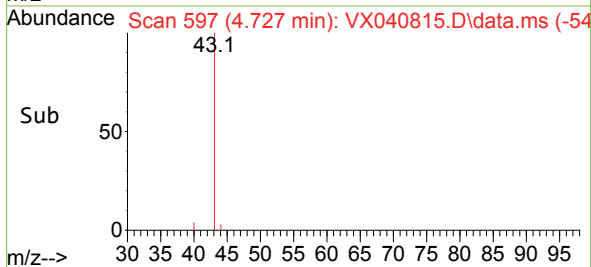
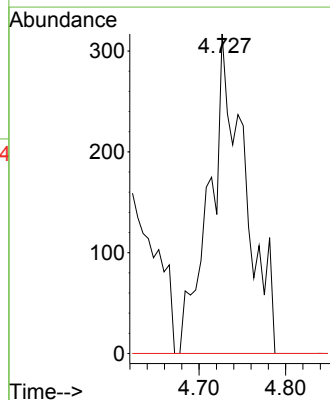
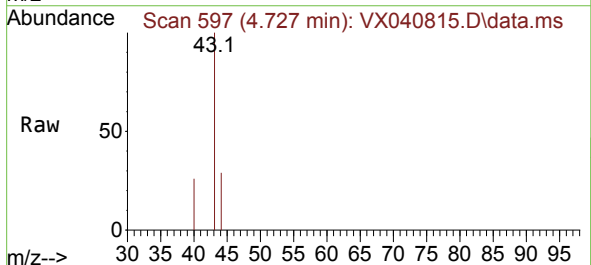
Instrument :
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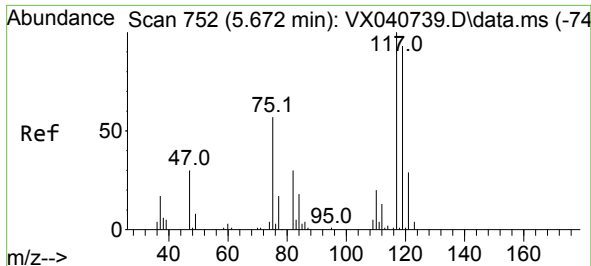
Tgt Ion: 75 Resp: 3340
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.025 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.024 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

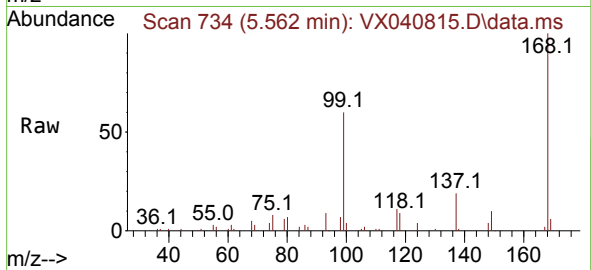
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



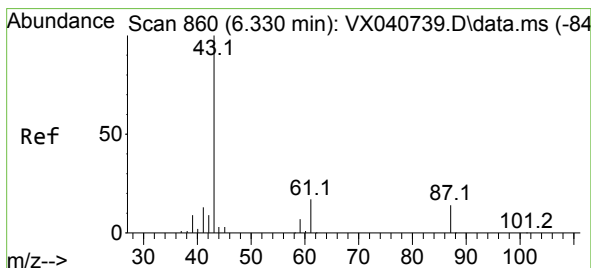
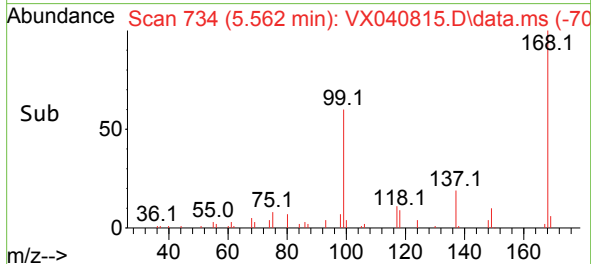
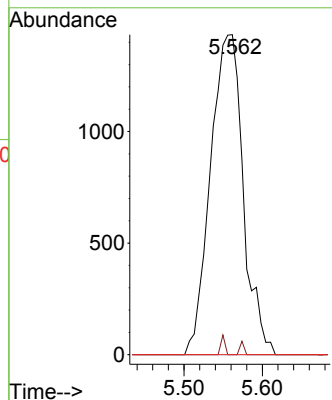


#38
Carbon Tetrachloride
Concen: 4.800 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.110 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

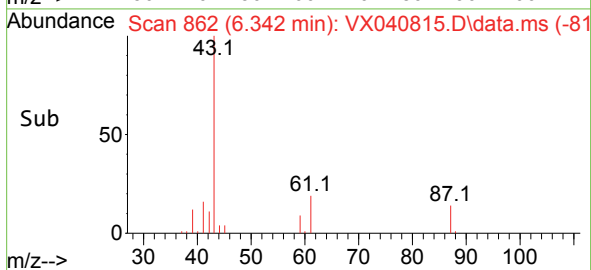
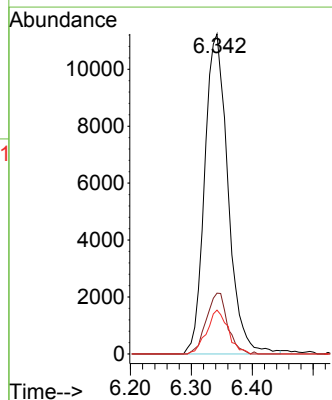
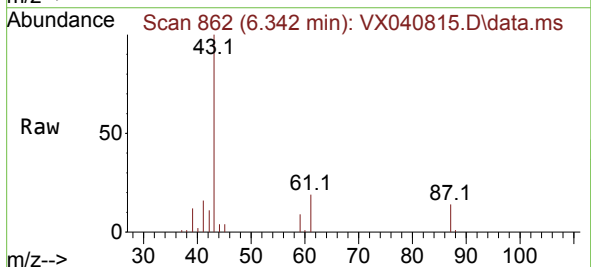


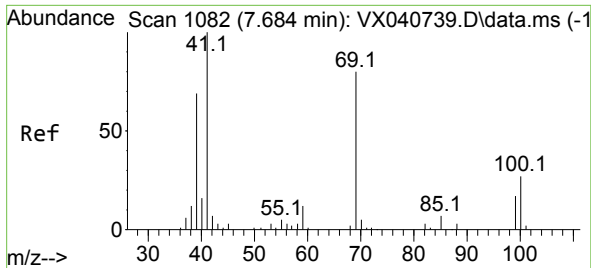
Tgt Ion:117 Resp: 4171
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 21.724 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 43 Resp: 29909
Ion Ratio Lower Upper
43 100
61 17.4 15.2 22.8
87 12.5 9.8 14.6

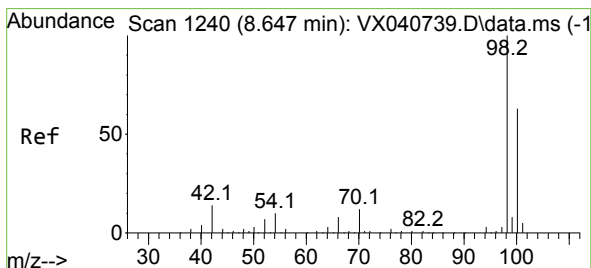
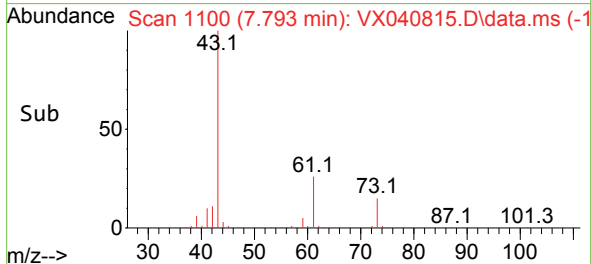
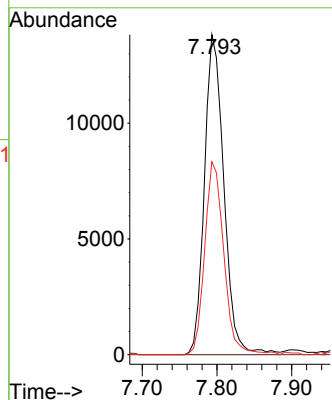
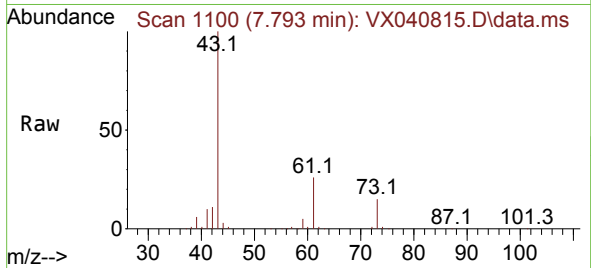




#48
Methyl methacrylate
Concen: 39.713 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.110 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

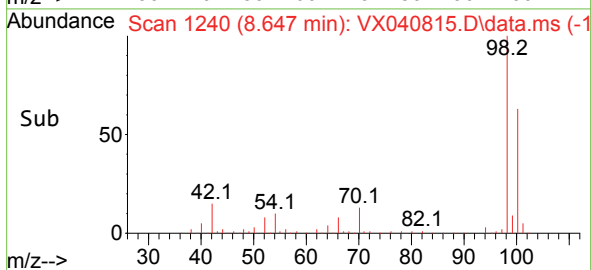
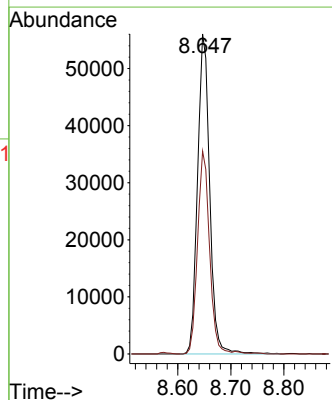
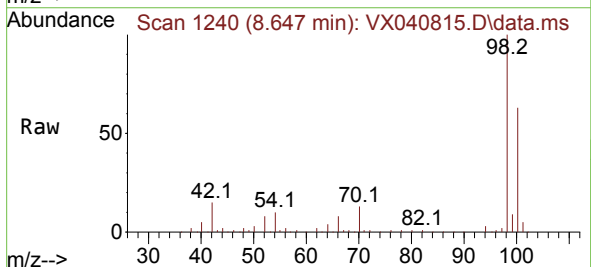
Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

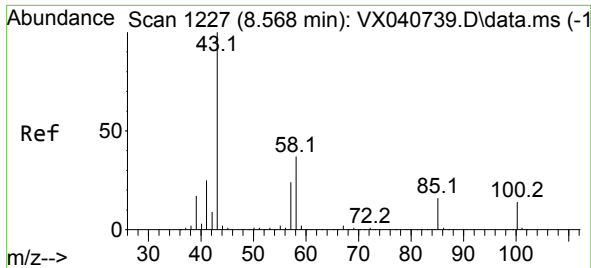
Tgt Ion: 41 Resp: 24990
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 59.4 47.7 71.5



#50
Toluene-d8
Concen: 49.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 98 Resp: 88860
Ion Ratio Lower Upper
98 100
100 62.3 53.1 79.7

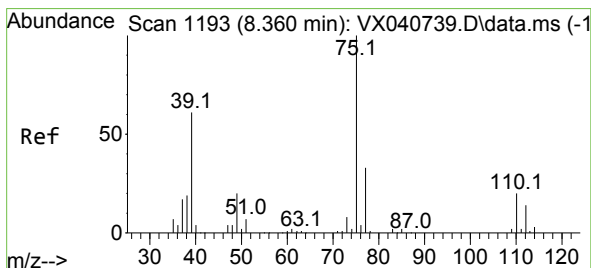
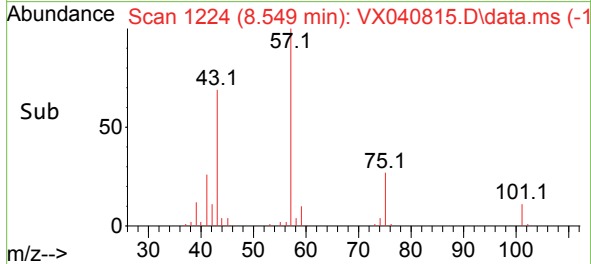
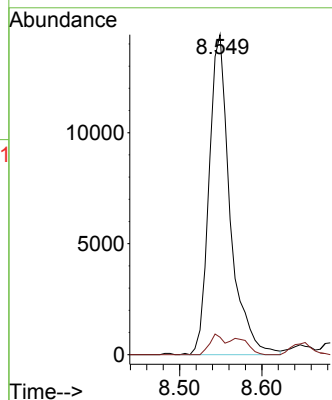
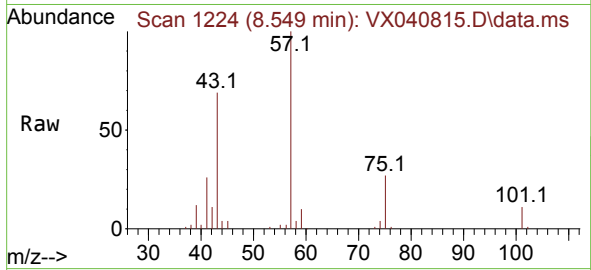




#51
4-Methyl-2-Pentanone
Concen: 29.925 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.019 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

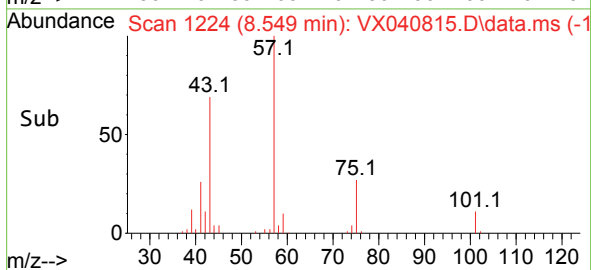
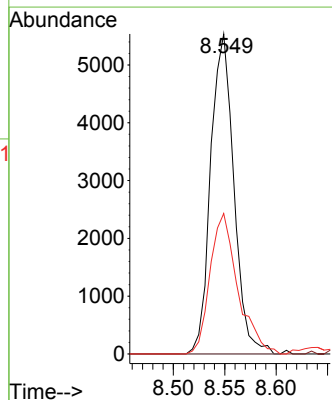
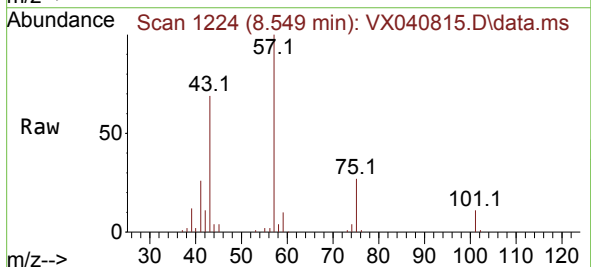
Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

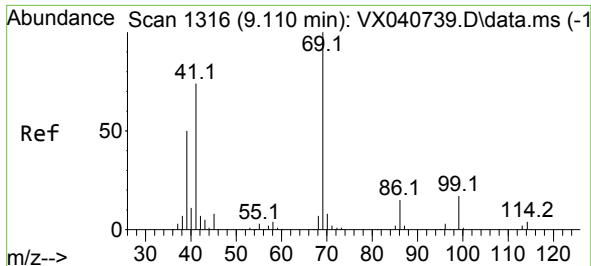
Tgt Ion: 43 Resp: 25550
Ion Ratio Lower Upper
43 100
58 4.2 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 10.036 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.189 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 75 Resp: 8692
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 43.9 46.7 70.1#

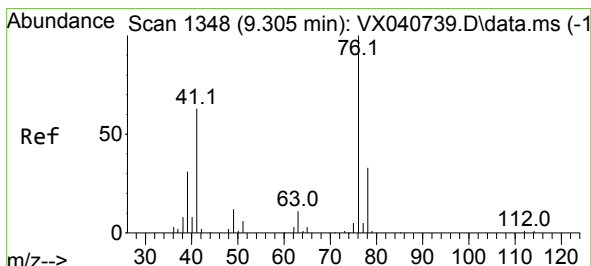
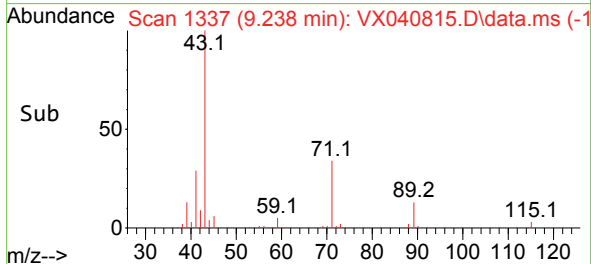
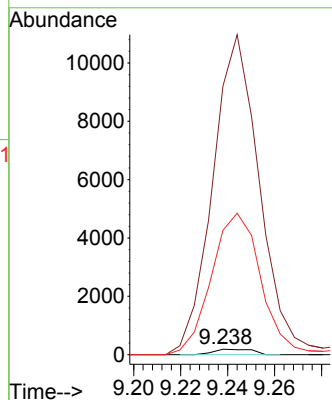
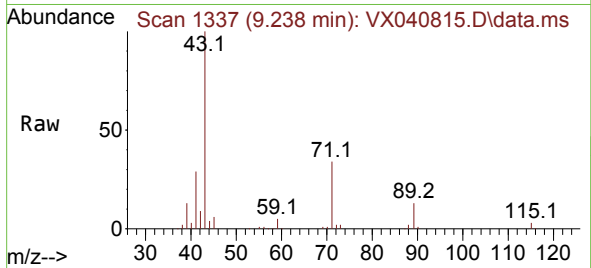




#56
Ethyl methacrylate
Concen: 0.247 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.128 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

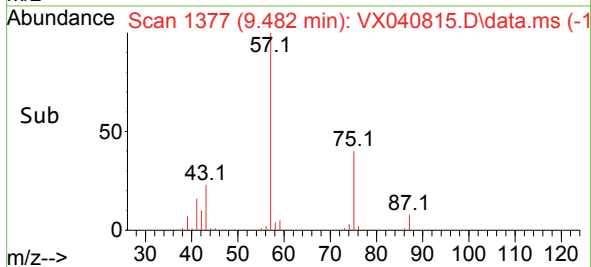
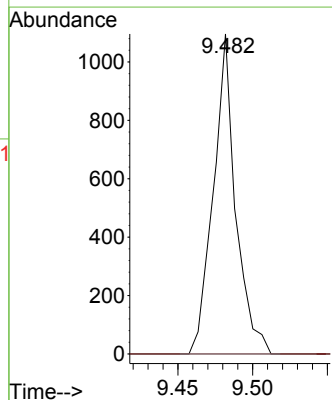
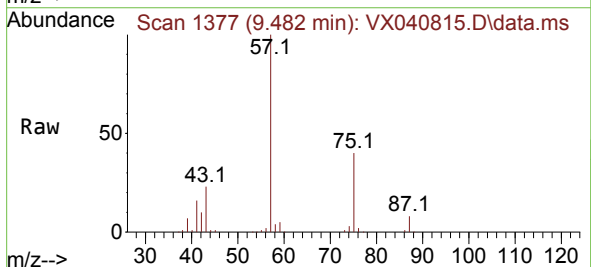
Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

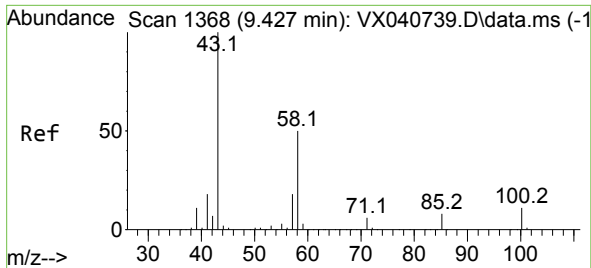
Tgt Ion: 69 Resp: 214
Ion Ratio Lower Upper
69 100
41 7124.3 56.8 85.2#
39 3325.2 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 1.283 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 76 Resp: 1134
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

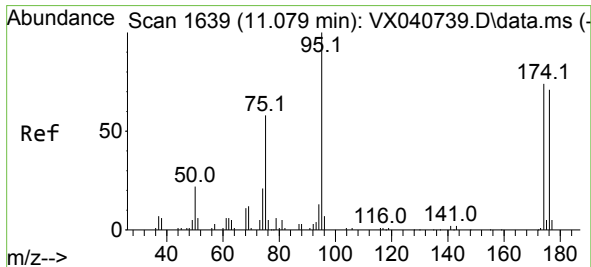
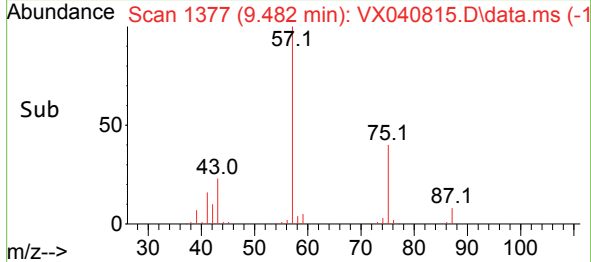
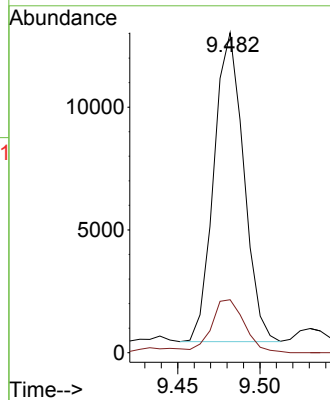
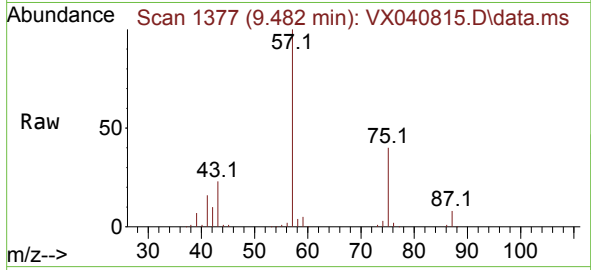




#59
2-Hexanone
Concen: 23.975 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

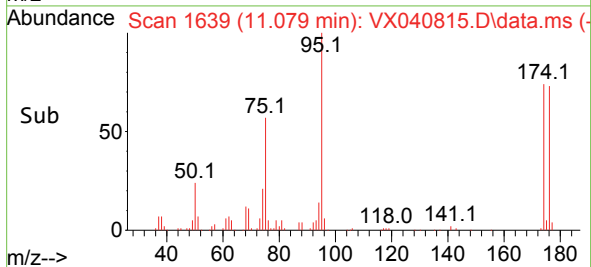
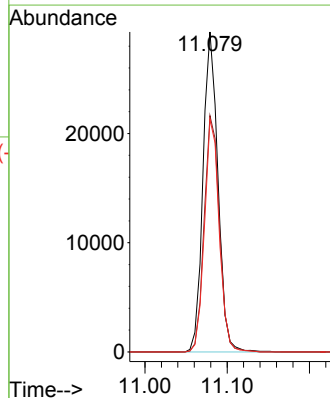
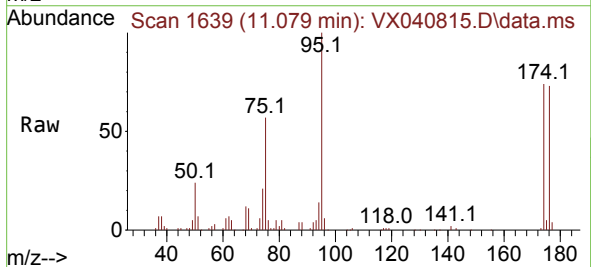
Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

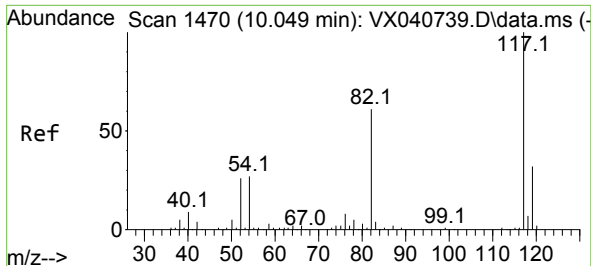
Tgt Ion: 43 Resp: 15857
Ion Ratio Lower Upper
43 100
58 19.1 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 52.152 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion: 95 Resp: 36996
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 71.8 0.0 131.0

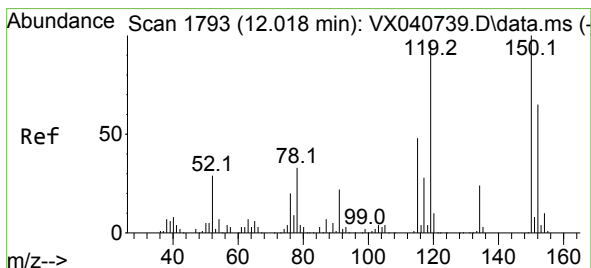
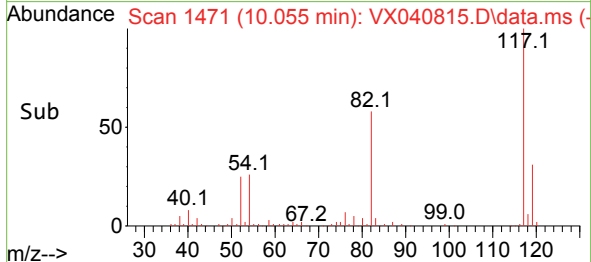
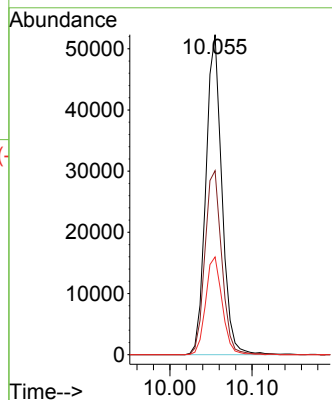
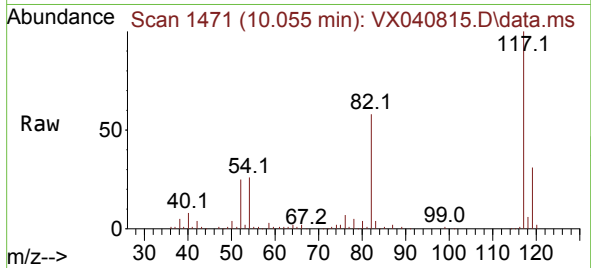




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

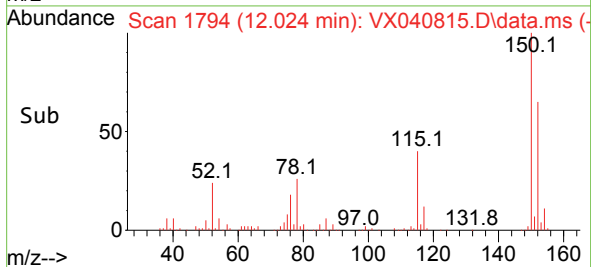
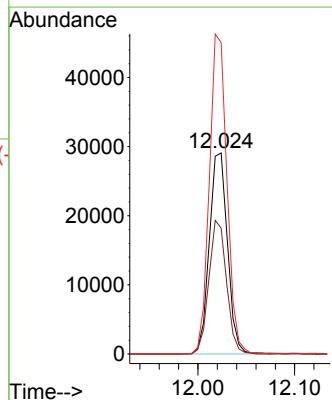
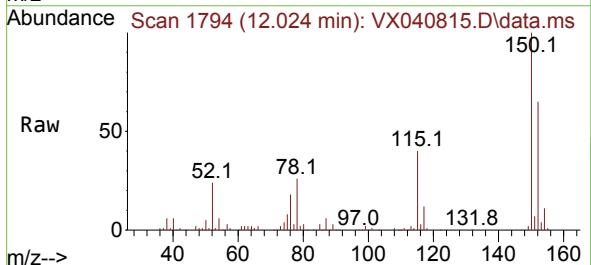
Instrument :
MSVOA_X
ClientSampleId :
EXTRA-PILE

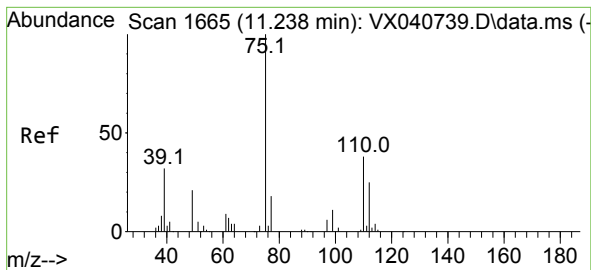
Tgt Ion:117 Resp: 70748
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 30.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040815.D
Acq: 27 Mar 2024 15:56

Tgt Ion:152 Resp: 37907
Ion Ratio Lower Upper
152 100
115 64.6 43.3 129.9
150 154.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.358 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040815.D

Acq: 27 Mar 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

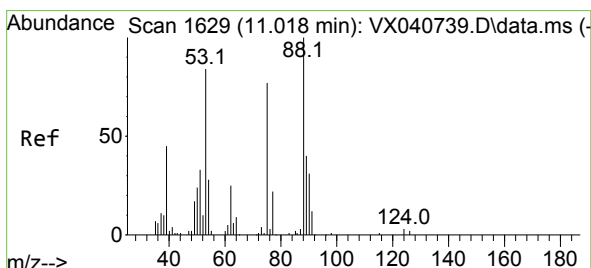
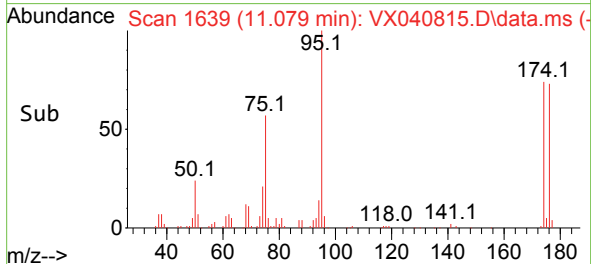
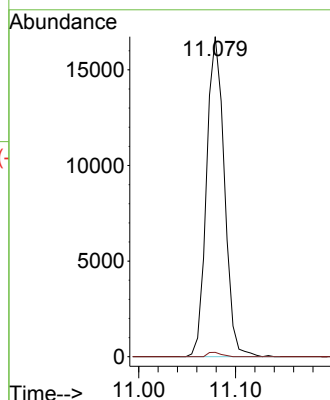
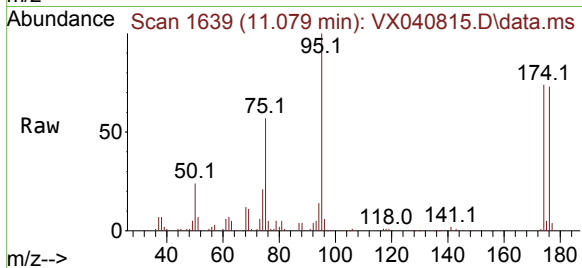
EXTRA-PILE

Tgt Ion: 75 Resp: 21489

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.680 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040815.D

Acq: 27 Mar 2024 15:56

Tgt Ion: 75 Resp: 21489

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

