

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040496.D
 Acq On : 27 Feb 2024 17:46
 Operator : JC/MD
 Sample : P1613-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1849

Quant Time: Feb 28 02:08:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

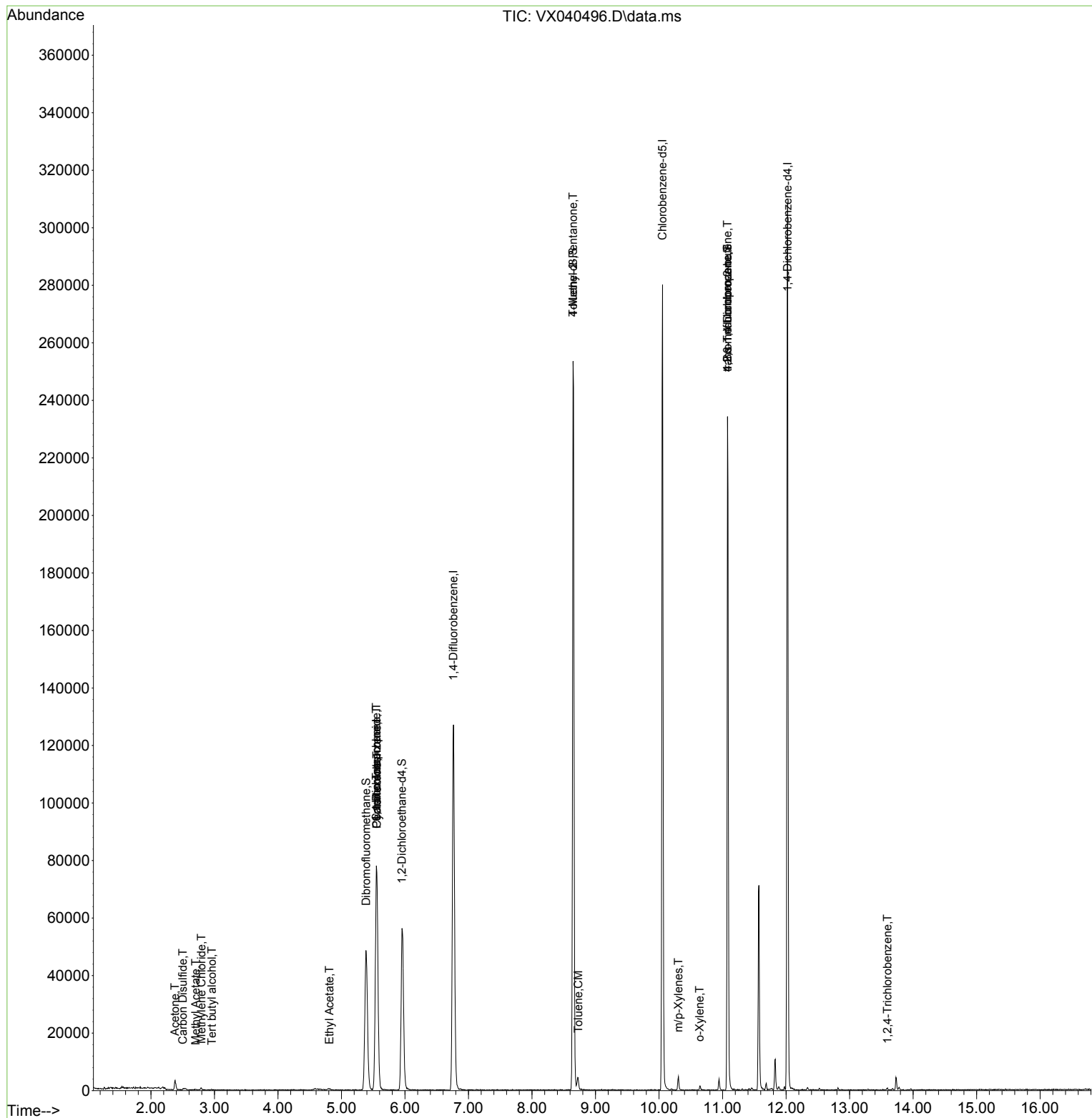
Internal Standards						
1) Pentafluorobenzene	5.556	168	68490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57100	49.846	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.700%
35) Dibromofluoromethane	5.385	113	41315	49.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	8.647	98	147051	48.287	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	58736	50.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	142	0.737	ug/l #	78
16) Acetone	2.380	43	3378	9.042	ug/l	90
17) Carbon Disulfide	2.501	76	472	0.218	ug/l #	76
18) Methyl Acetate	2.703	43	263	0.228	ug/l #	53
20) Methylene Chloride	2.794	84	327	0.366	ug/l #	52
31) Cyclohexane	5.556	56	1879	1.448	ug/l #	63
36) 1,1-Dichloropropene	5.550	75	6489	5.020	ug/l #	52
37) Ethyl Acetate	4.812	43	501	0.354	ug/l #	69
38) Carbon Tetrachloride	5.550	117	7887	6.316	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	824	0.561	ug/l #	1
52) Toluene	8.726	92	1488	0.693	ug/l	89
68) m/p-Xylenes	10.305	106	1142	0.680	ug/l	99
69) o-Xylene	10.640	106	372	0.232	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	34529	26.106	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34529	75.966	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	277	0.214	ug/l #	60

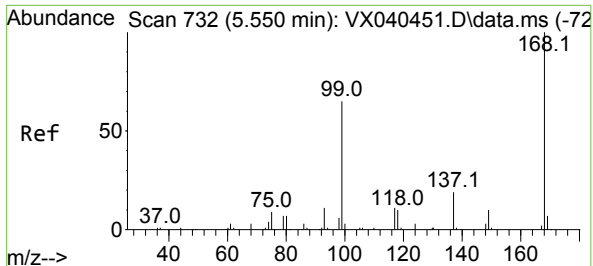
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
Data File : VX040496.D
Acq On : 27 Feb 2024 17:46
Operator : JC/MD
Sample : P1613-03 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1849

Quant Time: Feb 28 02:08:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

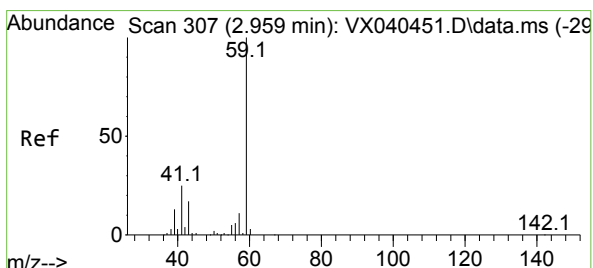
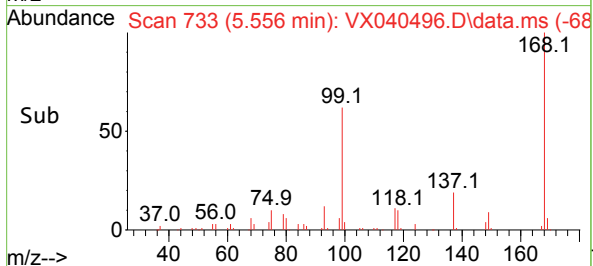
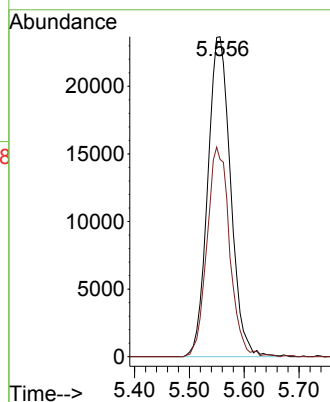
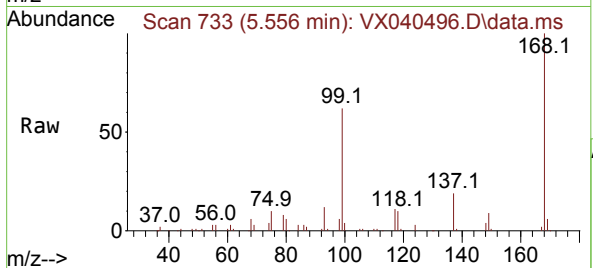




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

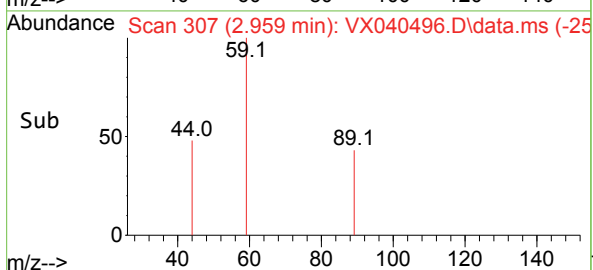
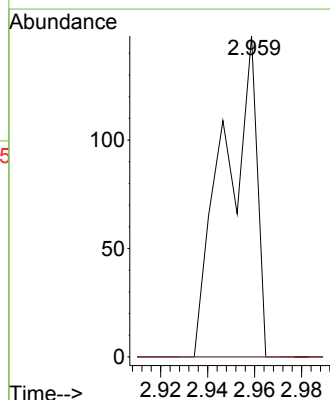
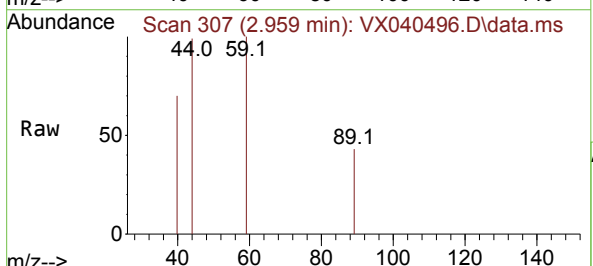
Instrument :
MSVOA_X
ClientSampleId :
1849

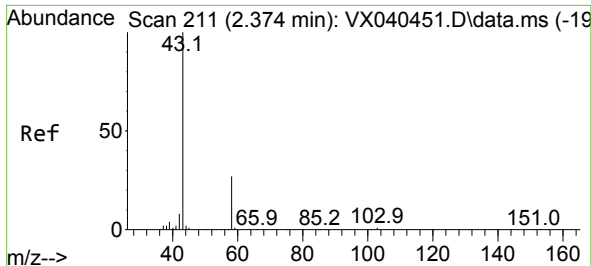
Tgt Ion:168 Resp: 68490
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.737 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

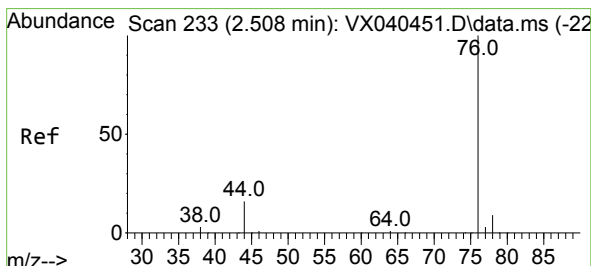
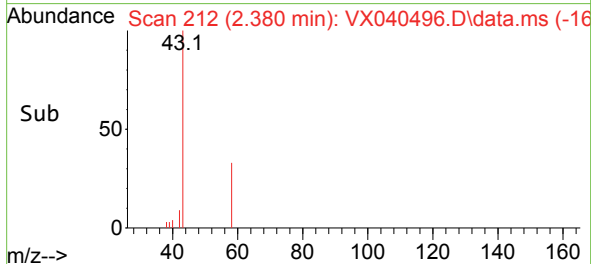
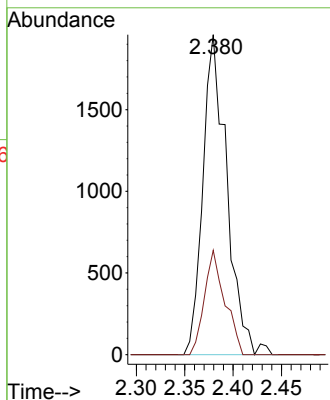
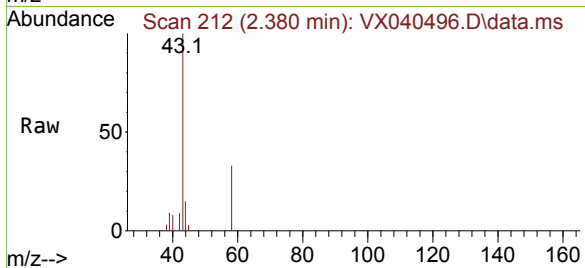




#16
Acetone
Concen: 9.042 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

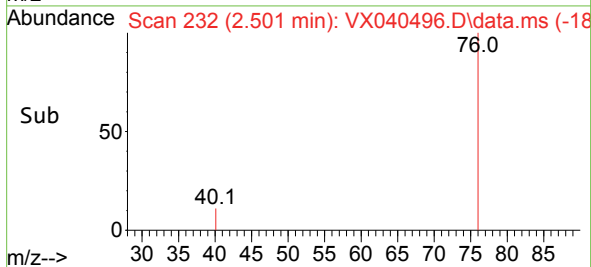
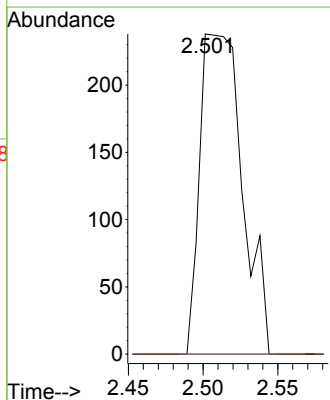
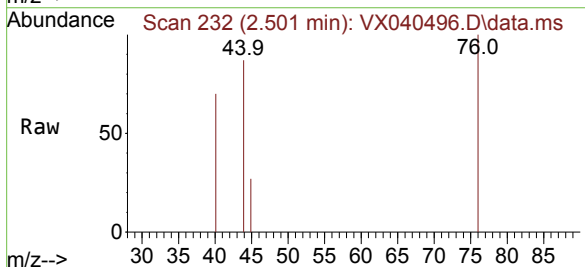
Instrument :
MSVOA_X
ClientSampleId :
1849

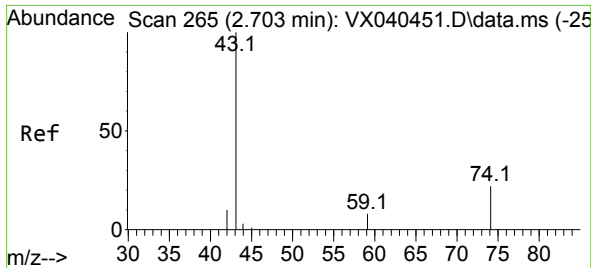
Tgt Ion: 43 Resp: 3378
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion: 76 Resp: 472
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

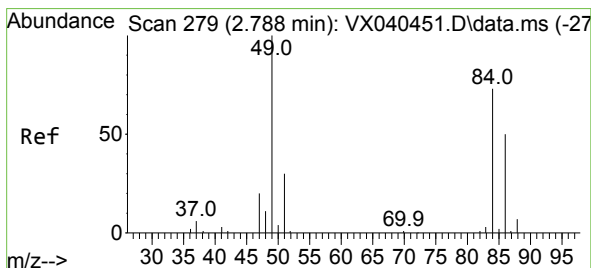
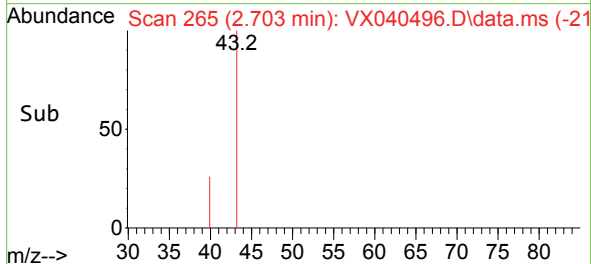
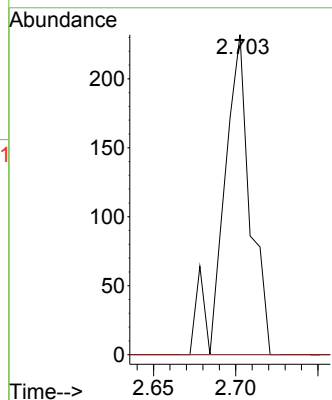
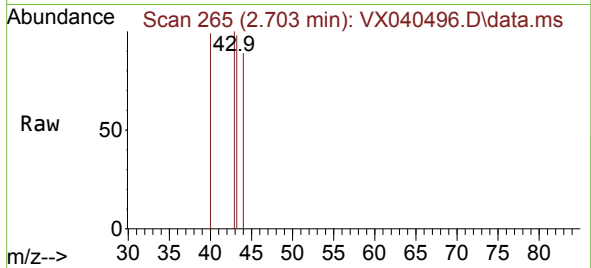




#18
Methyl Acetate
Concen: 0.228 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

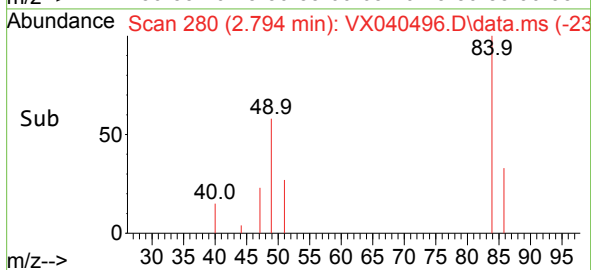
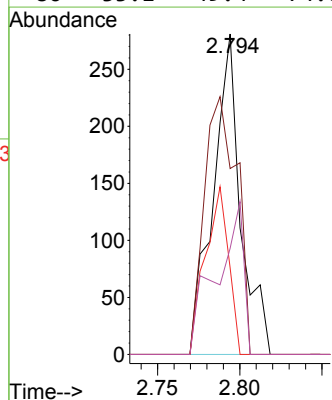
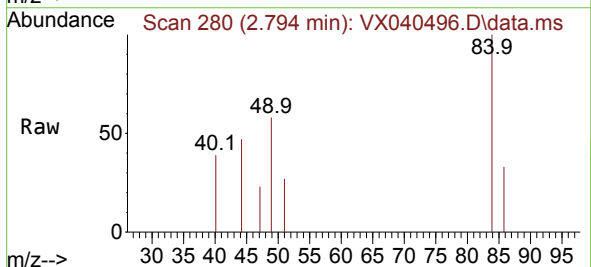
Instrument :
MSVOA_X
ClientSampleId :
1849

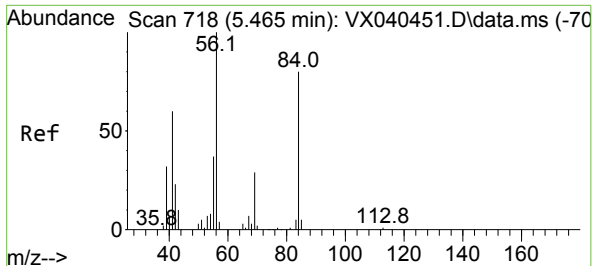
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.366 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion: 84 Resp: 327
Ion Ratio Lower Upper
84 100
49 58.0 103.6 155.4#
51 27.0 33.8 50.6#
86 33.1 49.4 74.0#

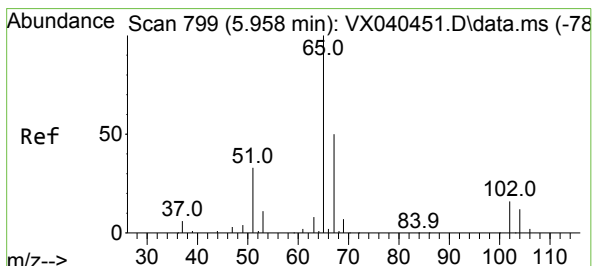
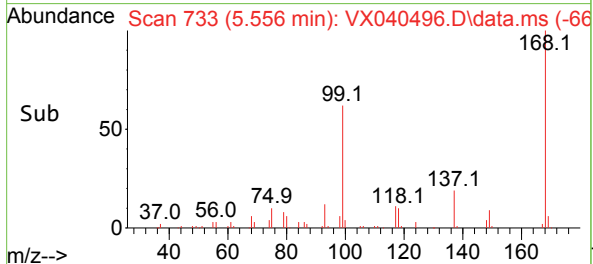
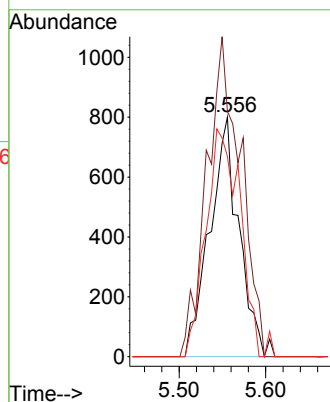
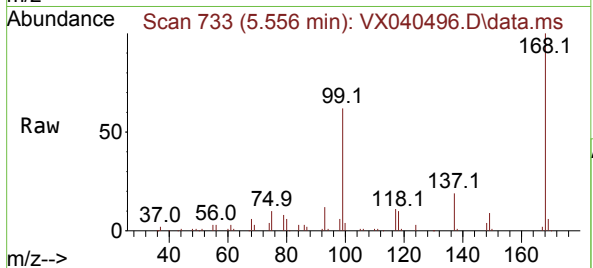




#31
Cyclohexane
Concen: 1.448 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

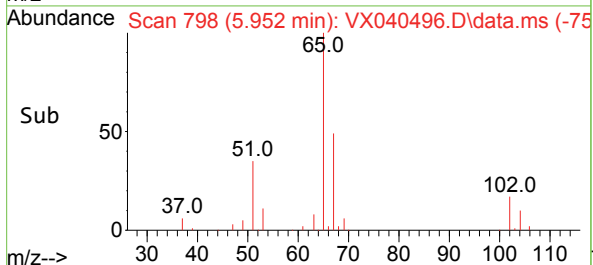
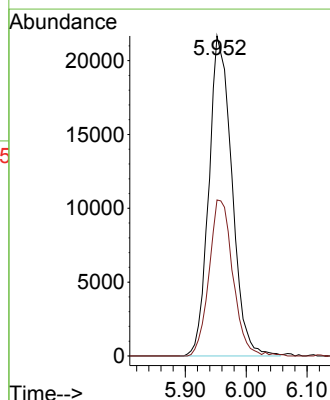
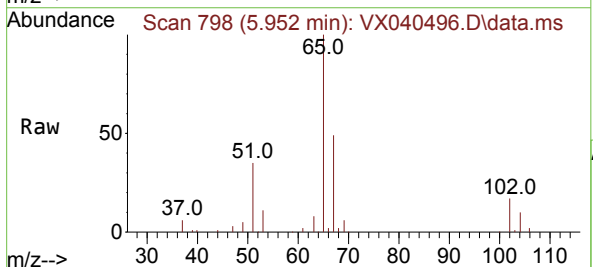
Instrument :
MSVOA_X
ClientSampleId :
1849

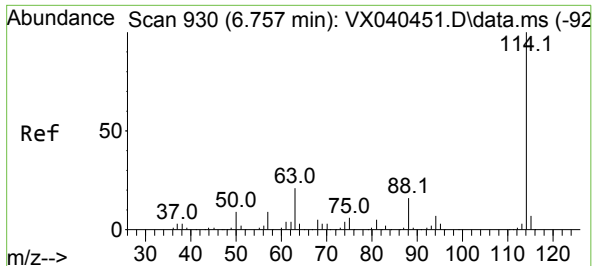
Tgt Ion: 56 Resp: 1879
Ion Ratio Lower Upper
56 100
69 102.5 23.4 35.2#
84 83.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.846 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion: 65 Resp: 57100
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

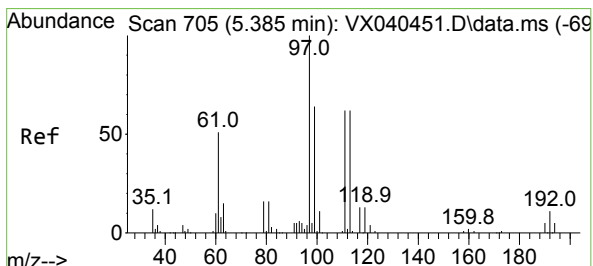
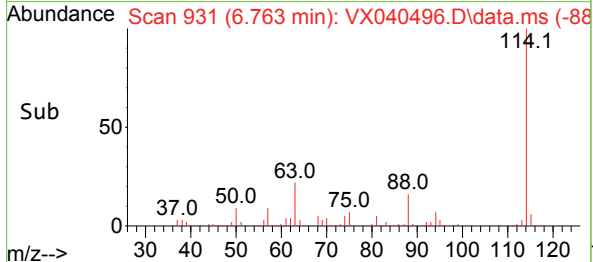
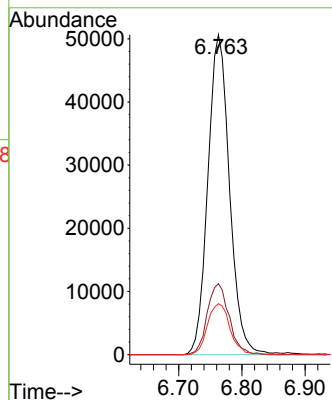
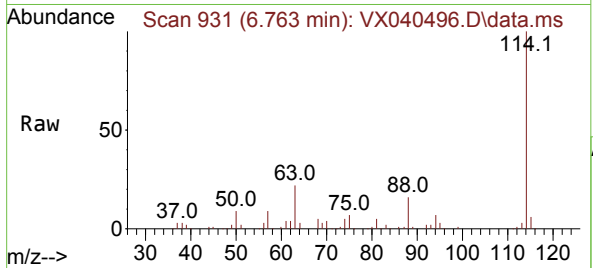




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

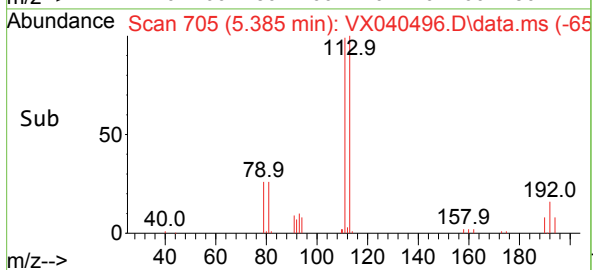
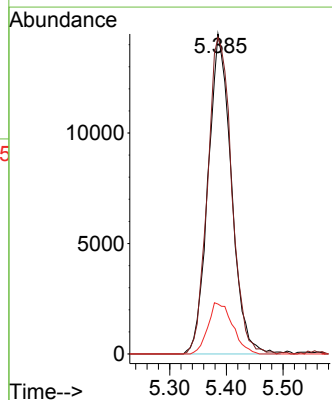
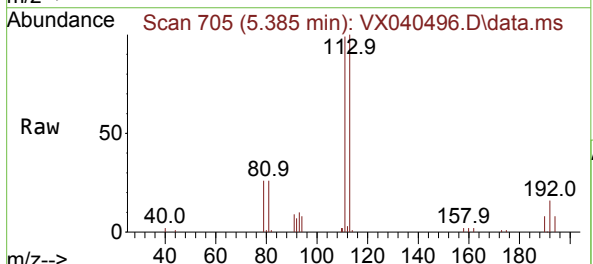
Instrument :
MSVOA_X
ClientSampleId :
1849

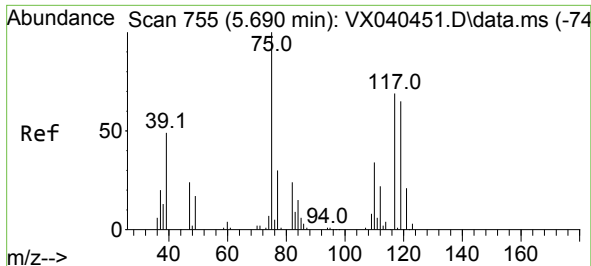
Tgt Ion:114 Resp: 120646
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.245 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion:113 Resp: 41315
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.0 13.3 19.9

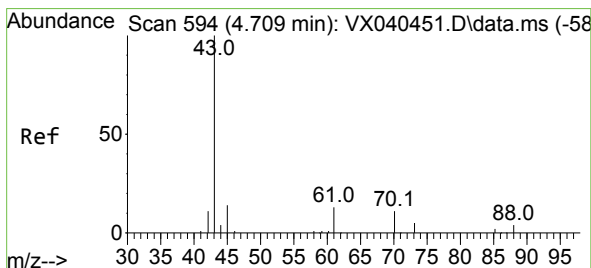
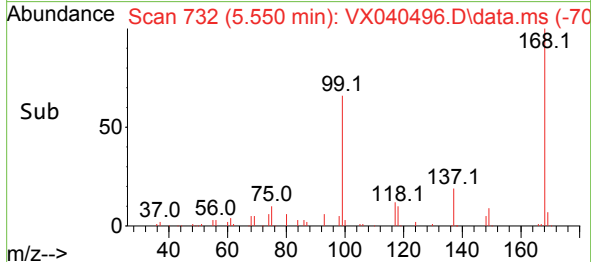
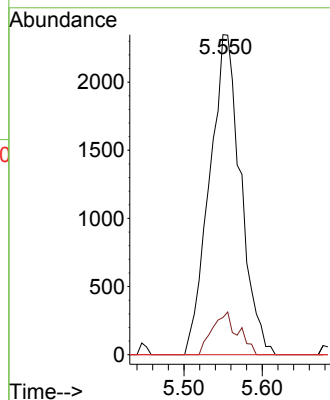
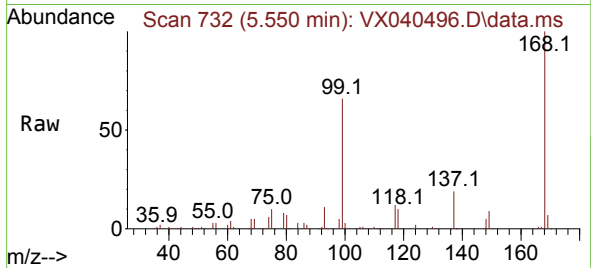




#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

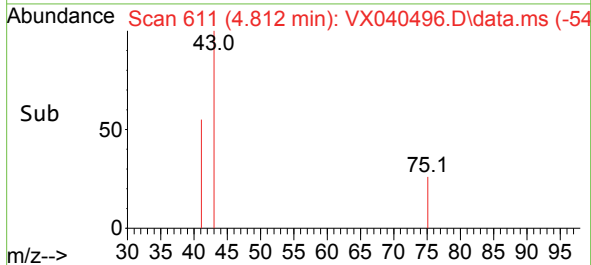
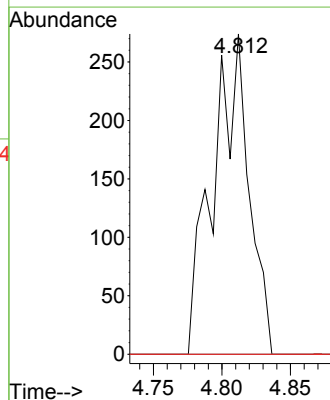
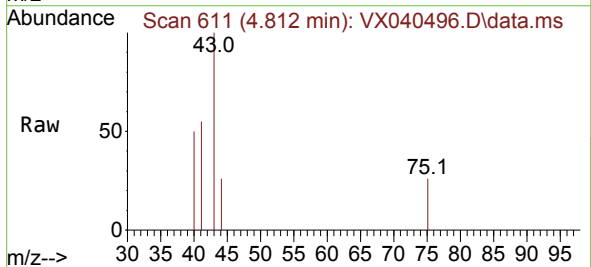
Instrument :
MSVOA_X
ClientSampleId :
1849

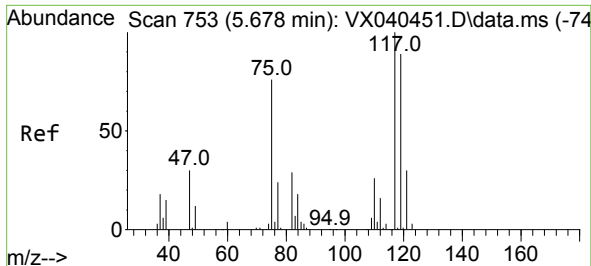
Tgt Ion: 75 Resp: 6489
Ion Ratio Lower Upper
75 100
110 11.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.354 ug/l
RT: 4.812 min Scan# 611
Delta R.T. 0.103 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

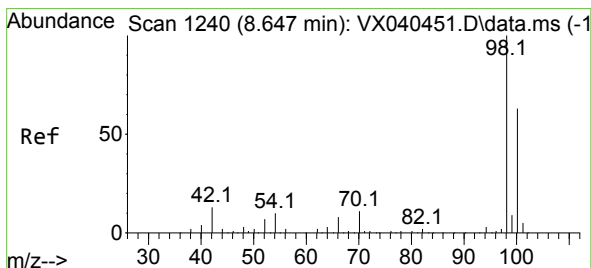
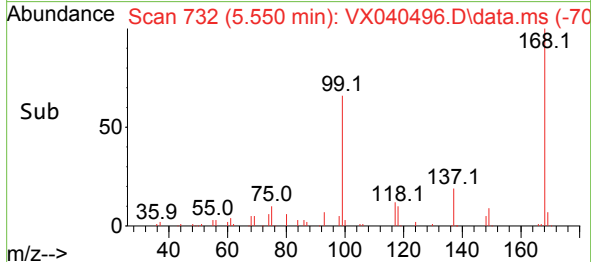
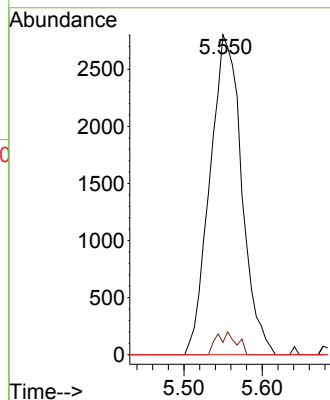
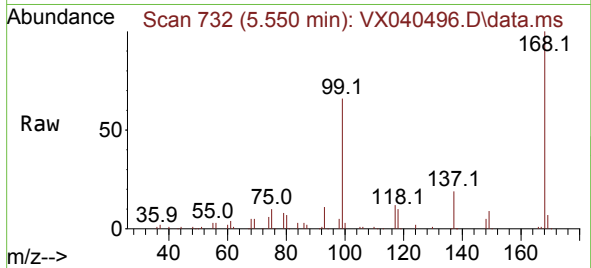




#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

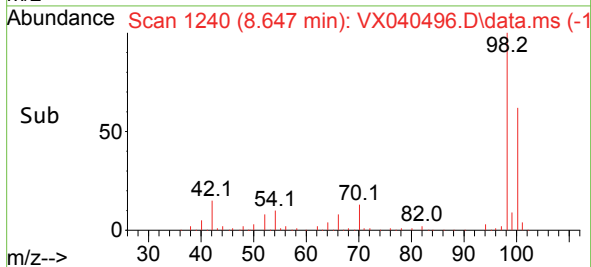
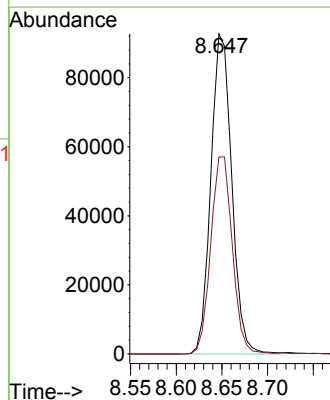
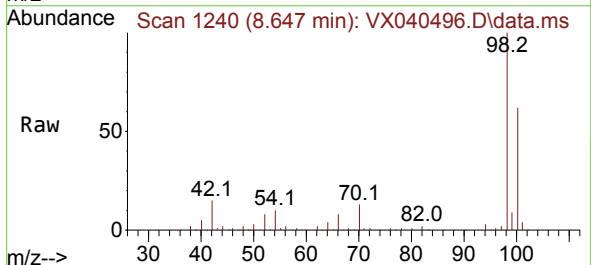
Instrument :
MSVOA_X
ClientSampleId :
1849

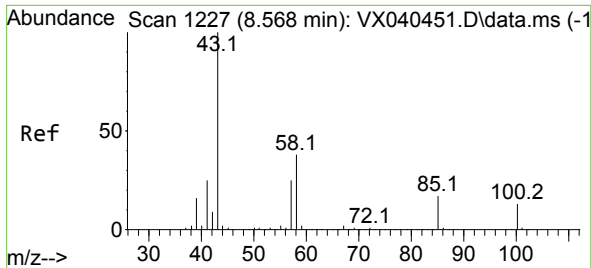
Tgt Ion:117 Resp: 7887
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.287 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion: 98 Resp: 147051
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

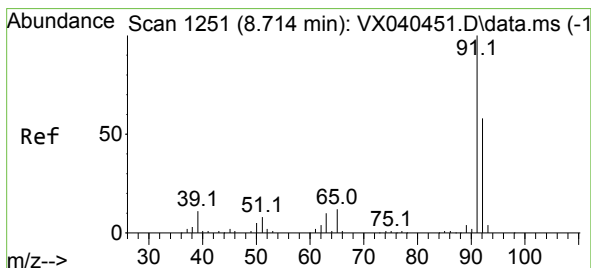
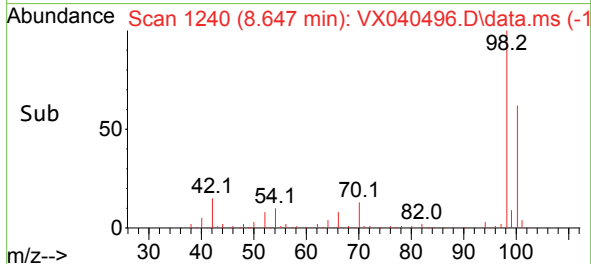
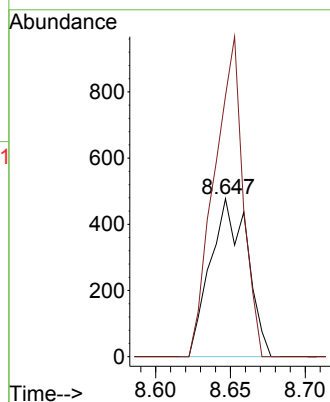
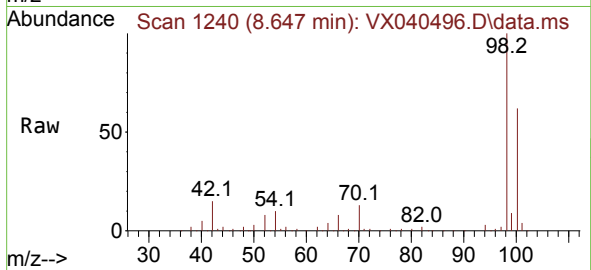




#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.647 min Scan# 11849
Delta R.T. 0.079 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

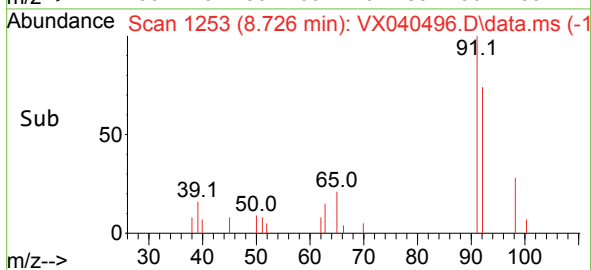
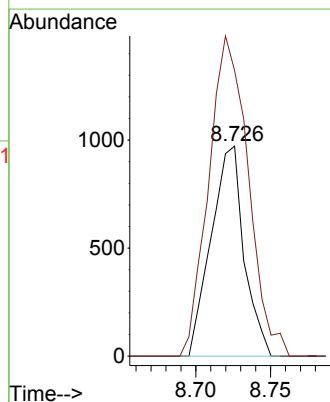
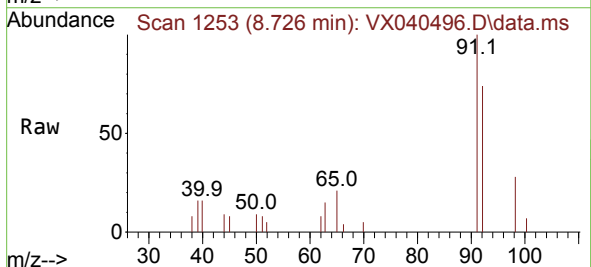
Instrument :
MSVOA_X
ClientSampleId :
1849

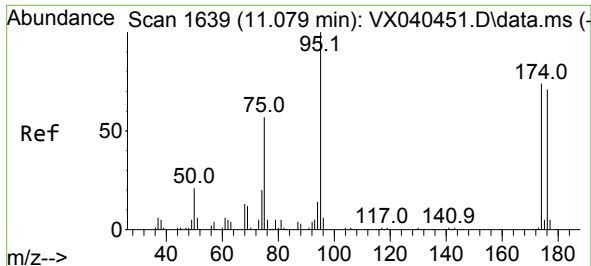
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 156.8 30.4 45.6#



#52
Toluene
Concen: 0.693 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion: 92 Resp: 1488
Ion Ratio Lower Upper
92 100
91 182.9 134.2 201.2

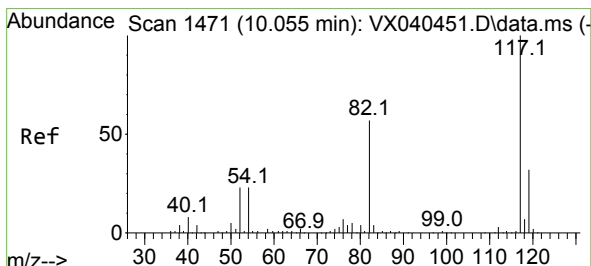
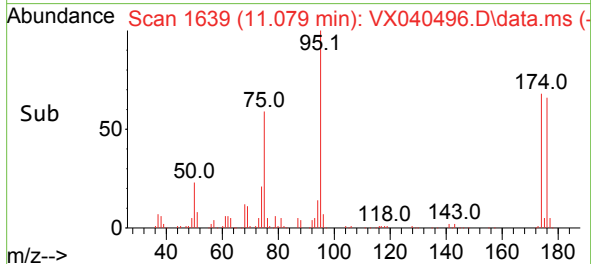
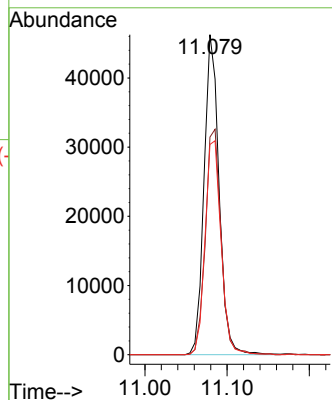
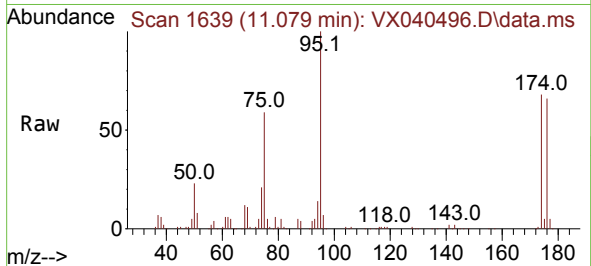




#62
4-Bromofluorobenzene
Concen: 50.597 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

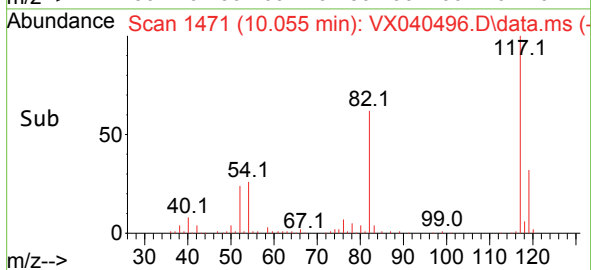
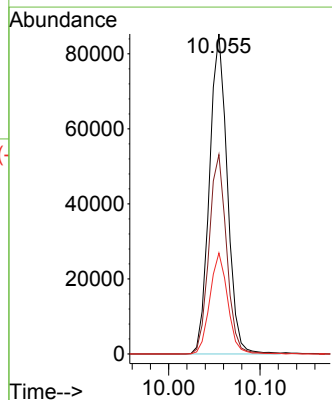
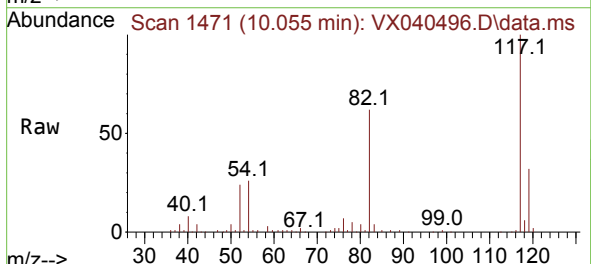
Instrument :
MSVOA_X
ClientSampleId :
1849

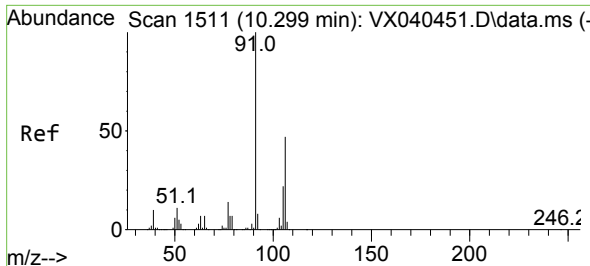
Tgt Ion: 95 Resp: 58736
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion: 117 Resp: 115503
Ion Ratio Lower Upper
117 100
82 62.3 46.2 69.4
119 31.5 25.5 38.3

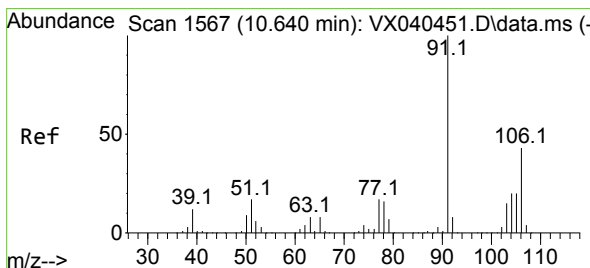
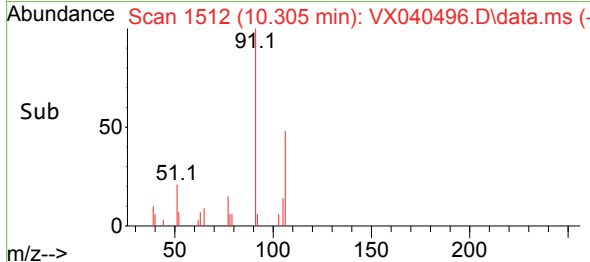
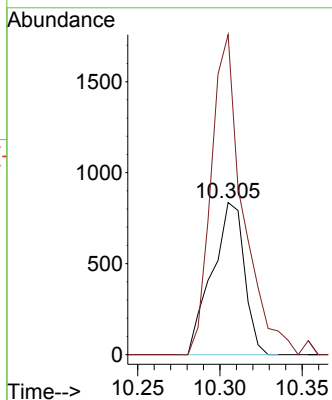
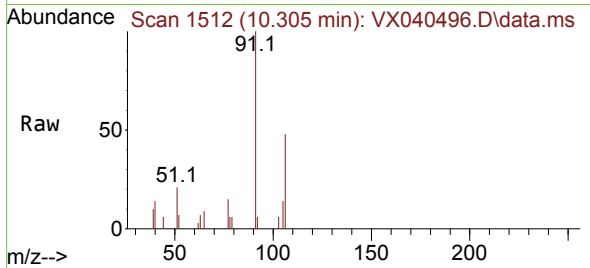




#68
m/p-Xylenes
Concen: 0.680 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

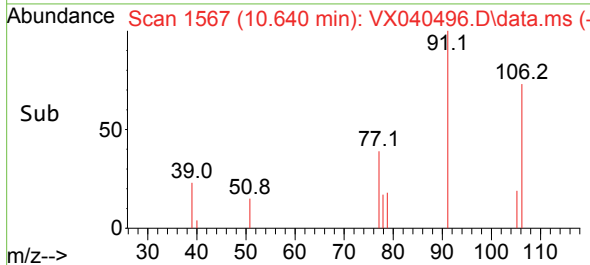
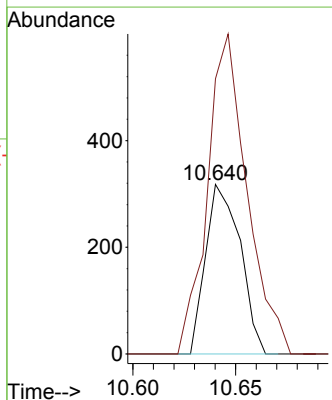
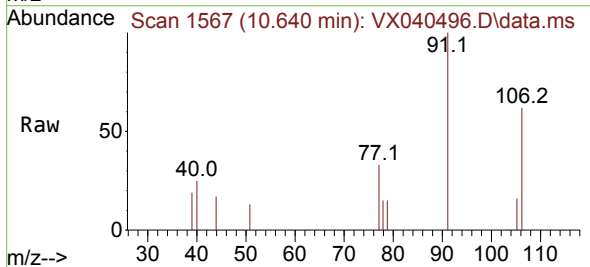
Instrument :
MSVOA_X
ClientSampleId :
1849

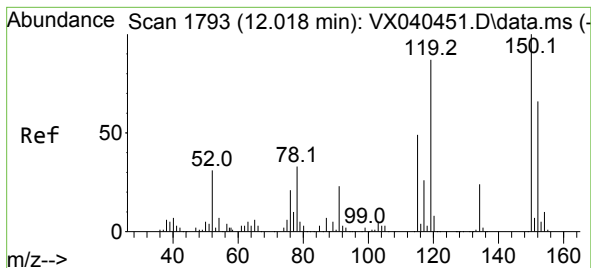
Tgt Ion:106 Resp: 1142
Ion Ratio Lower Upper
106 100
91 209.0 165.5 248.3



#69
o-Xylene
Concen: 0.232 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion:106 Resp: 372
Ion Ratio Lower Upper
106 100
91 216.7 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040496.D

Acq: 27 Feb 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

1849

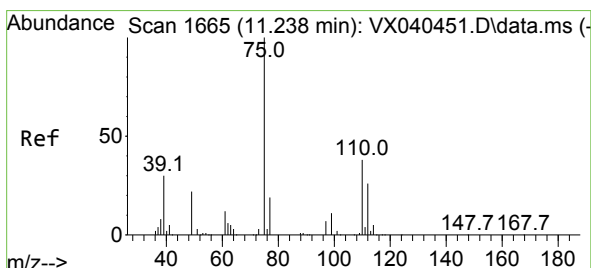
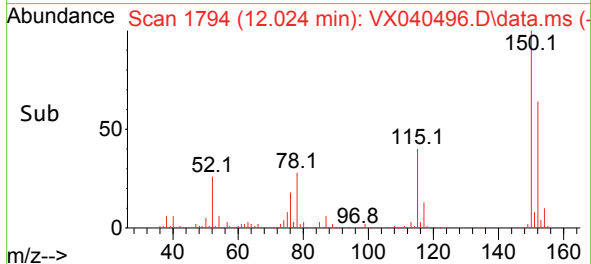
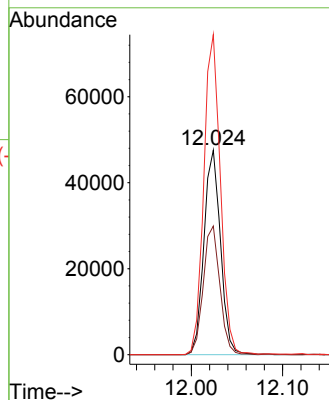
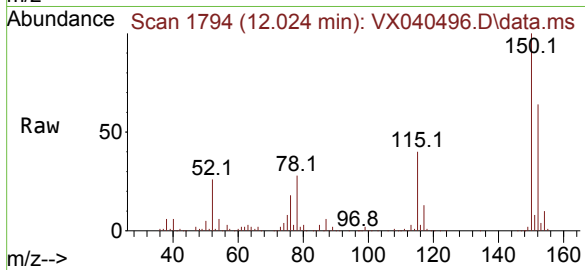
Tgt Ion:152 Resp: 60097

Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.106 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040496.D

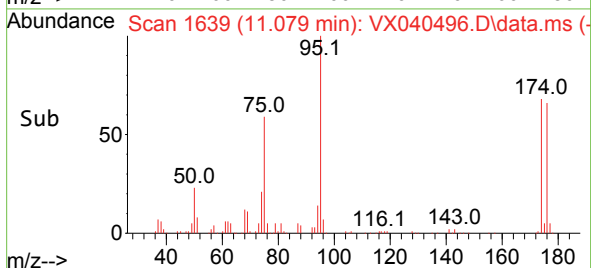
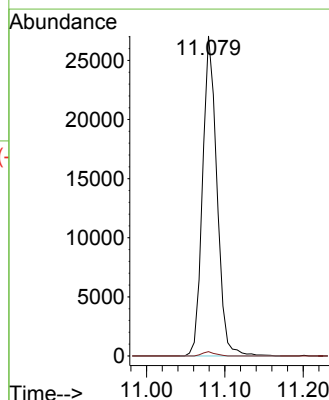
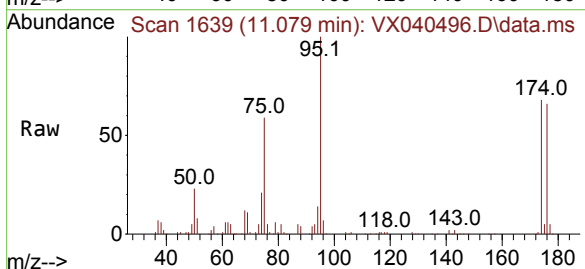
Acq: 27 Feb 2024 17:46

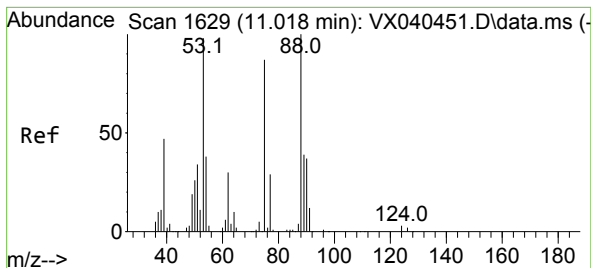
Tgt Ion: 75 Resp: 34529

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

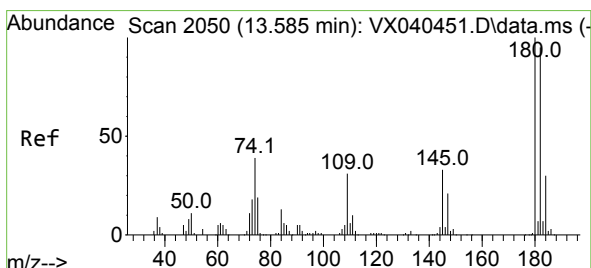
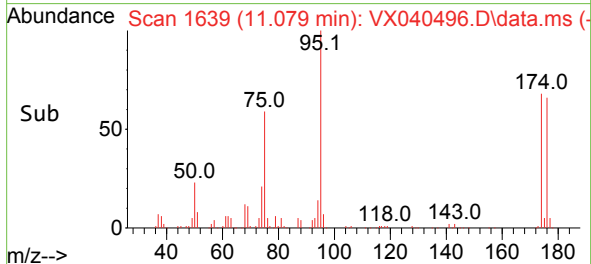
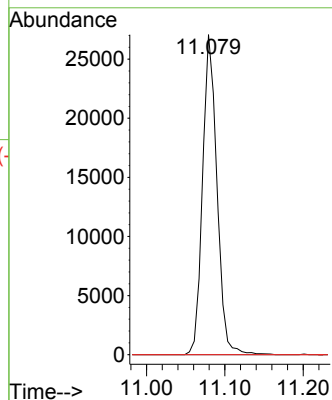
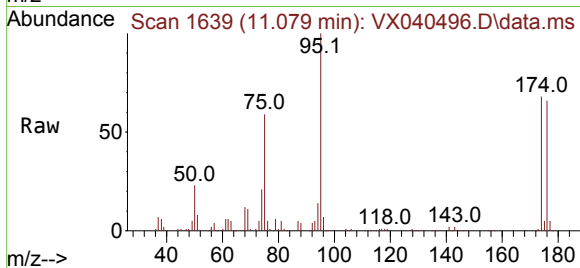




#81
trans-1,4-Dichloro-2-butene
Concen: 75.966 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
1849

Tgt Ion: 75 Resp: 34529
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX040496.D
Acq: 27 Feb 2024 17:46

Tgt Ion:180 Resp: 277
Ion Ratio Lower Upper
180 100
182 65.7 48.3 144.8
145 0.0 18.0 54.0#

