

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040471.D
 Acq On : 26 Feb 2024 19:21
 Operator : JC/MD
 Sample : P1578-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20240221

Quant Time: Feb 27 05:13:30 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)

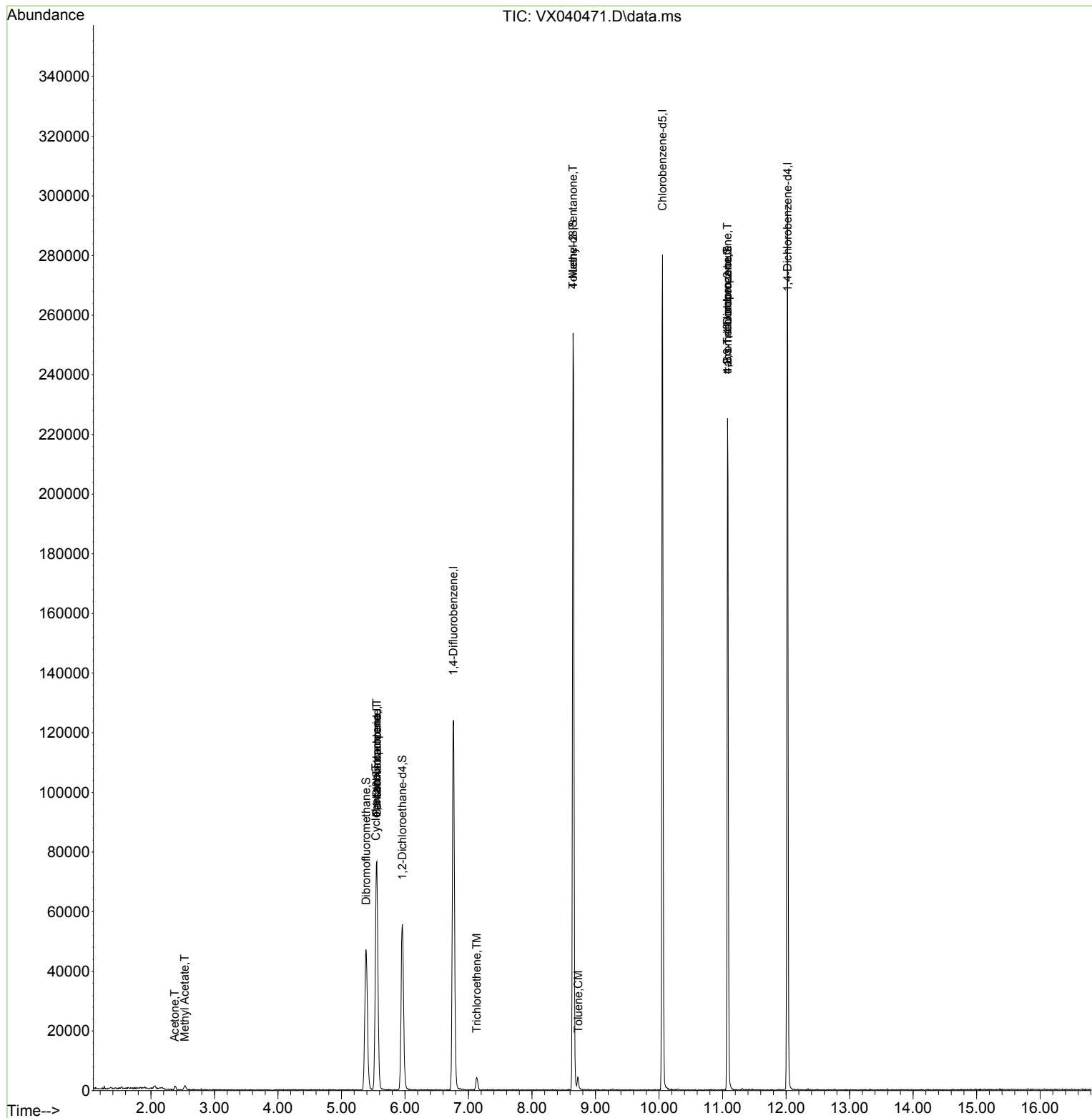
Internal Standards						
1) Pentafluorobenzene	5.556	168	67689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56860	50.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.440%			
35) Dibromofluoromethane	5.385	113	40079	47.994	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.980%			
50) Toluene-d8	8.647	98	148069	48.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.700%			
62) 4-Bromofluorobenzene	11.079	95	58878	50.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.900%			
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1333	3.610	ug/l #	86
18) Methyl Acetate	2.532	43	441	0.387	ug/l #	53
31) Cyclohexane	5.544	56	1842	1.436	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6533	5.078	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7414	5.965	ug/l #	15
44) Trichloroethene	7.129	130	1696	1.810	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	784	0.537	ug/l #	1
52) Toluene	8.726	92	1420	0.664	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	33378	26.774	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33378	77.748	ug/l #	5

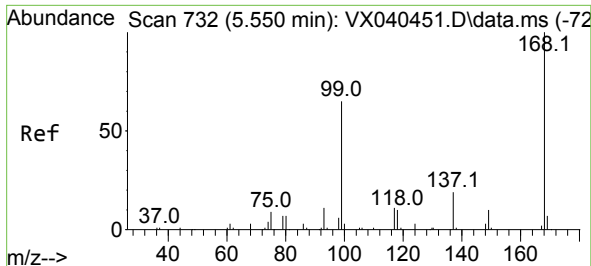
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

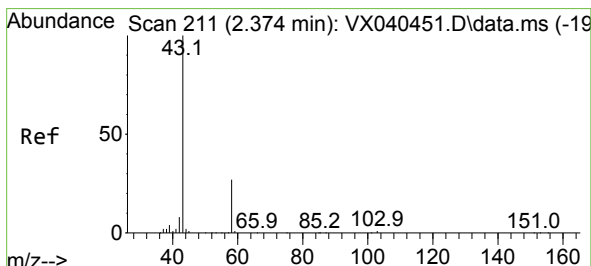
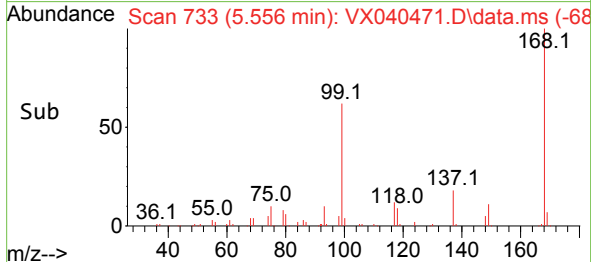
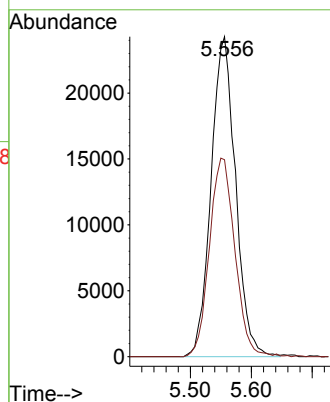
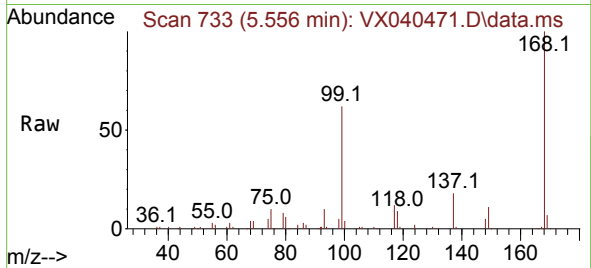




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

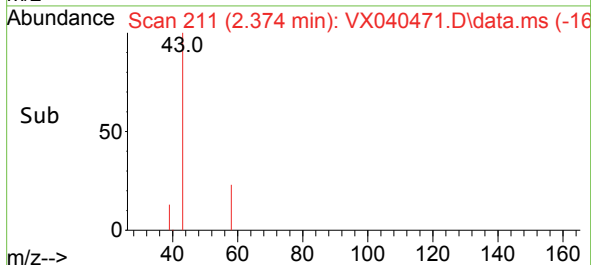
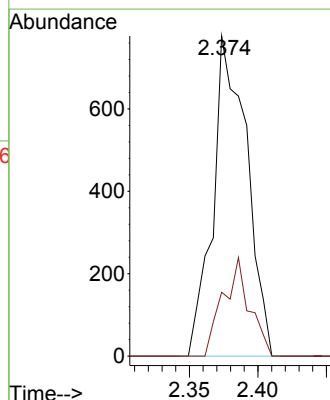
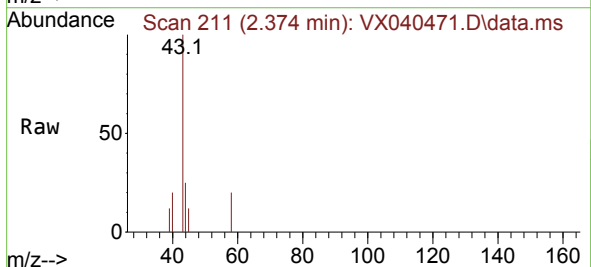
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20240221

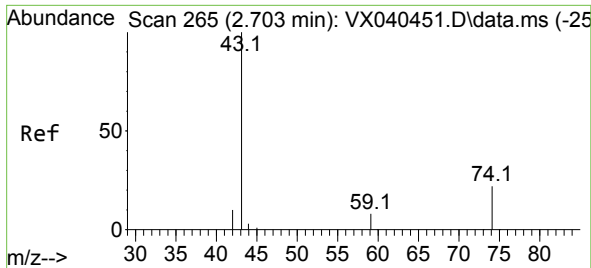
Tgt Ion:168 Resp: 67689
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#16
Acetone
Concen: 3.610 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 19.9 21.9 32.9#

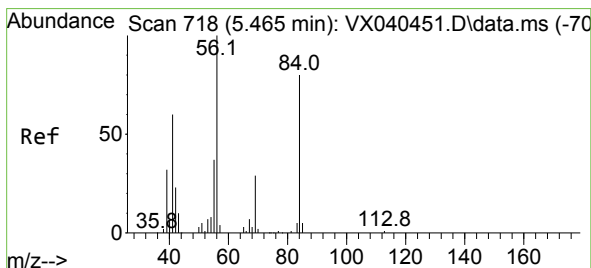
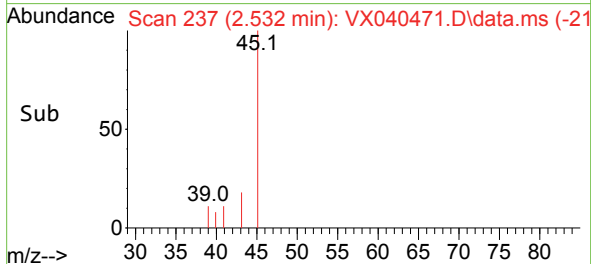
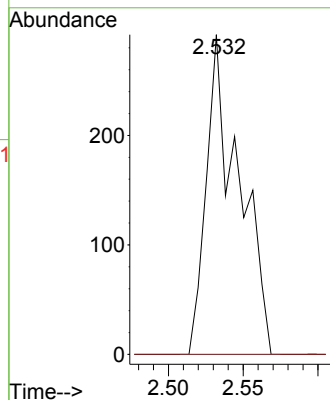
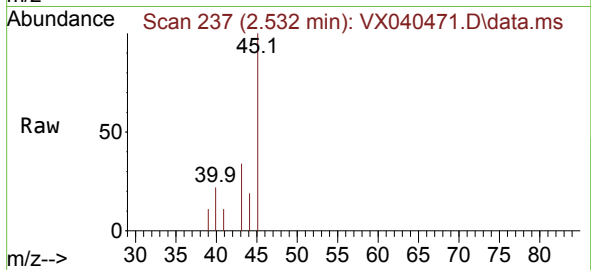




#18
Methyl Acetate
Concen: 0.387 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

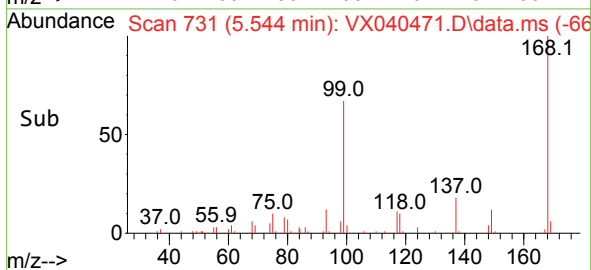
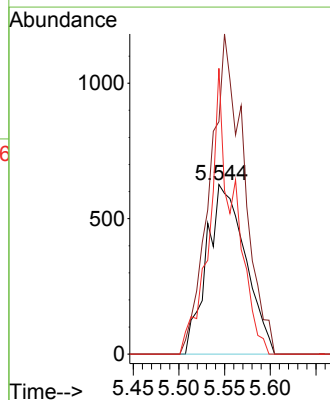
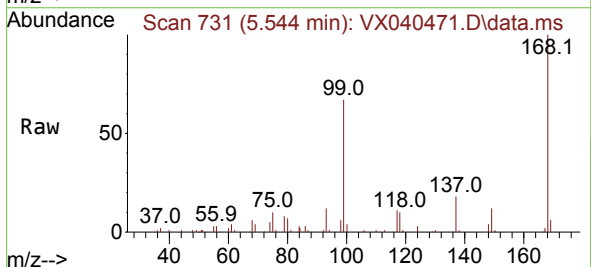
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20240221

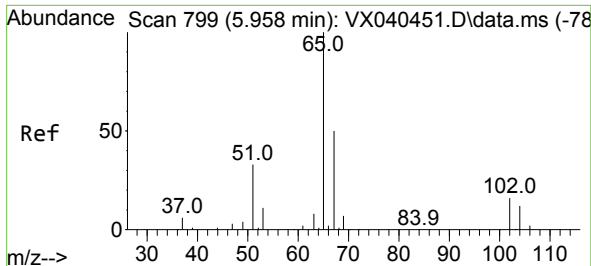
Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Tgt Ion: 56 Resp: 1842
Ion Ratio Lower Upper
56 100
69 137.1 23.4 35.2#
84 168.5 65.9 98.9#

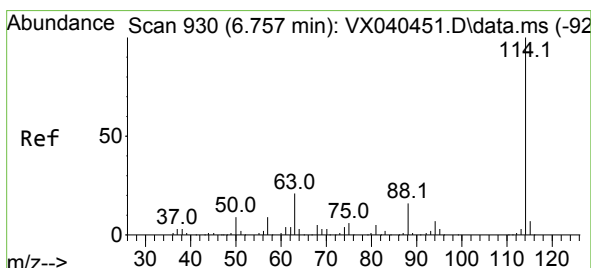
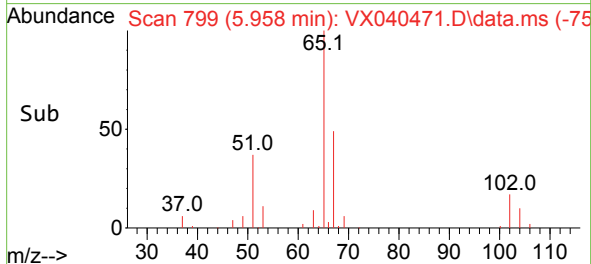
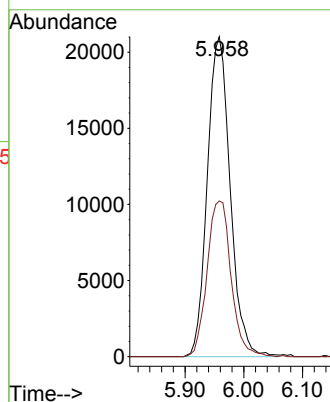
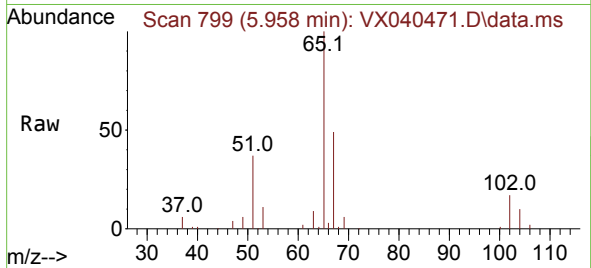




#33
1,2-Dichloroethane-d4
Concen: 50.223 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

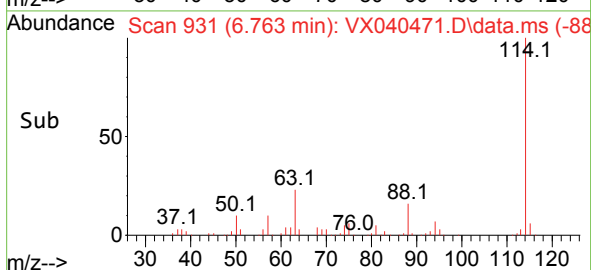
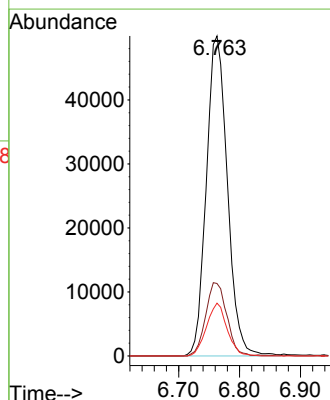
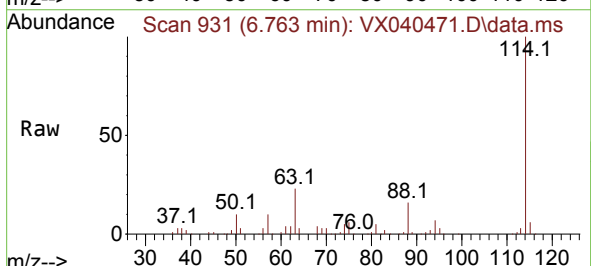
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20240221

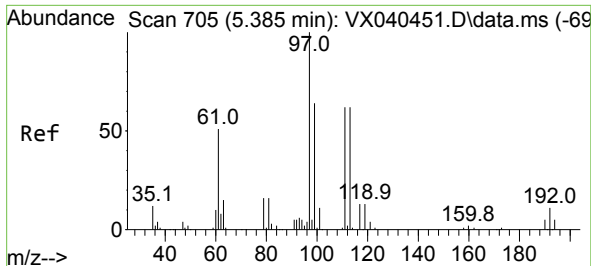
Tgt Ion: 65 Resp: 56860
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Tgt Ion:114 Resp: 120089
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.994 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040471.D

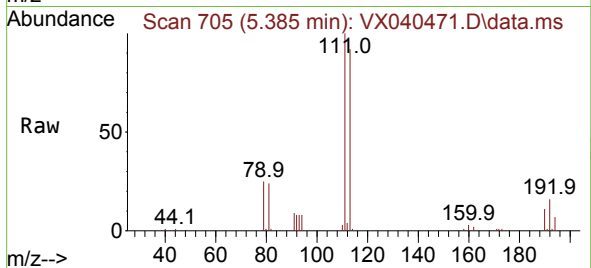
Acq: 26 Feb 2024 19:21

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20240221



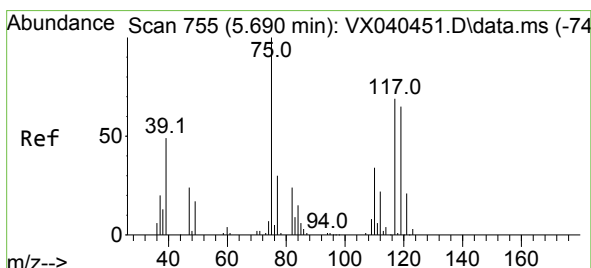
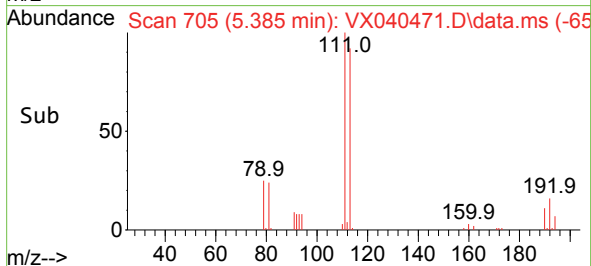
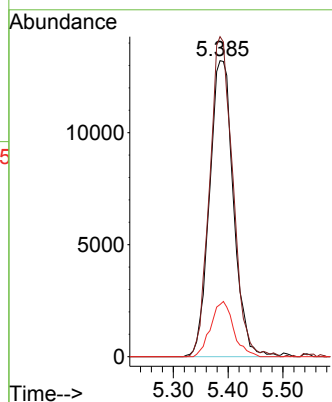
Tgt Ion:113 Resp: 40079

Ion Ratio Lower Upper

113 100

111 105.0 82.9 124.3

192 17.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.078 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX040471.D

Acq: 26 Feb 2024 19:21

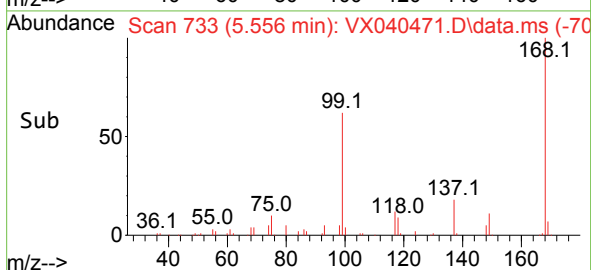
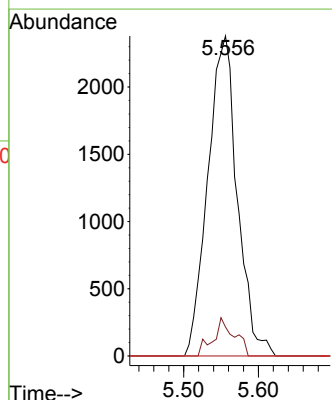
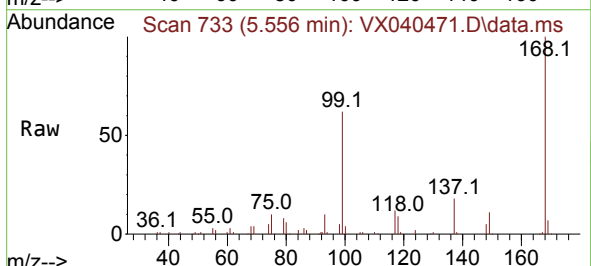
Tgt Ion: 75 Resp: 6533

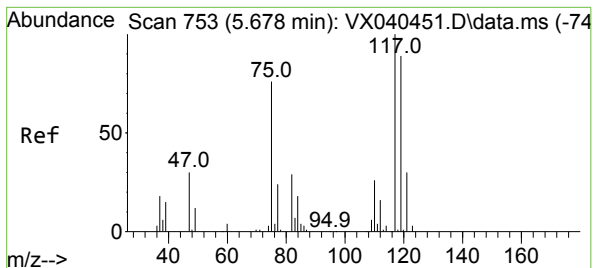
Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.965 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX040471.D

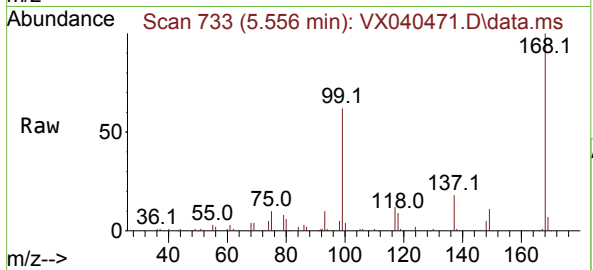
Acq: 26 Feb 2024 19:21

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20240221



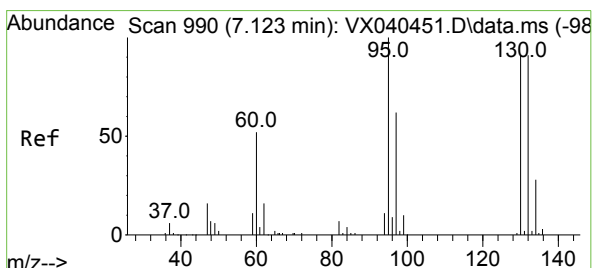
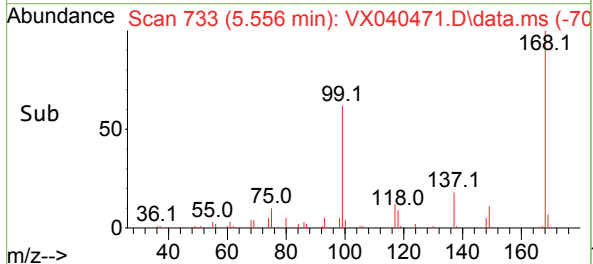
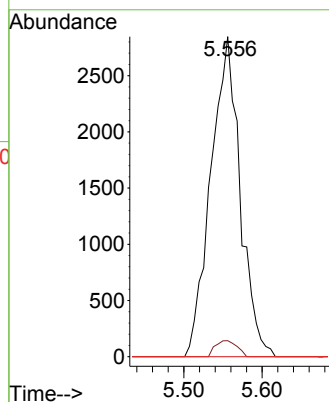
Tgt Ion:117 Resp: 7414

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 1.810 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040471.D

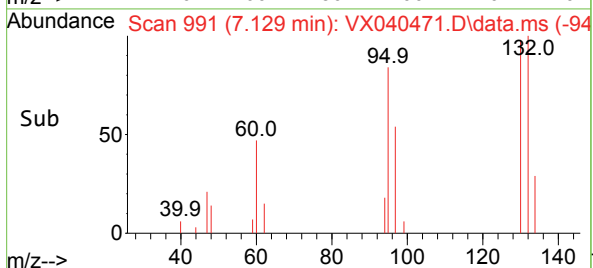
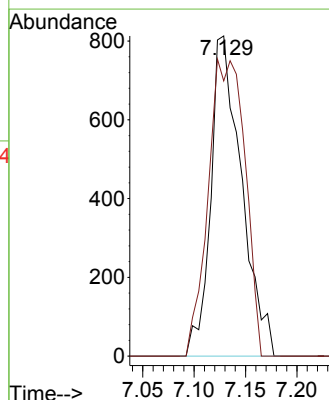
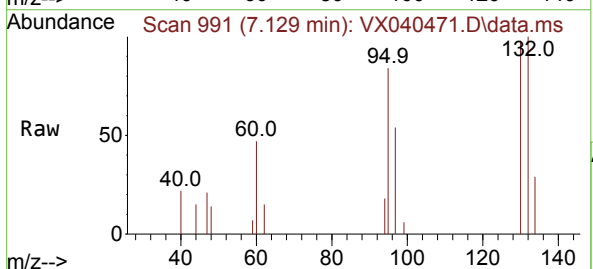
Acq: 26 Feb 2024 19:21

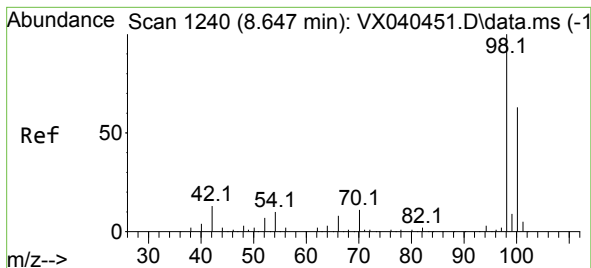
Tgt Ion:130 Resp: 1696

Ion Ratio Lower Upper

130 100

95 86.0 0.0 204.4





#50

Toluene-d8

Concen: 48.847 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040471.D

Acq: 26 Feb 2024 19:21

Instrument :

MSVOA_X

ClientSampleId :

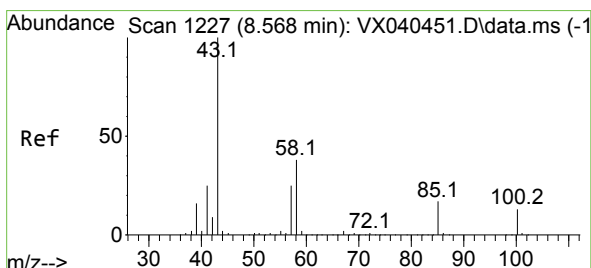
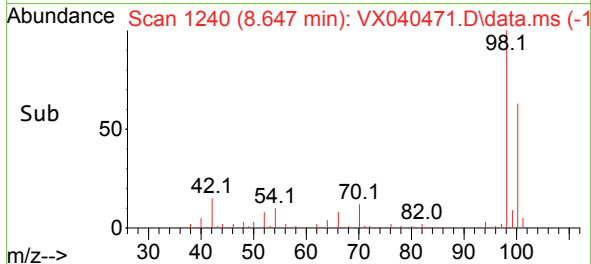
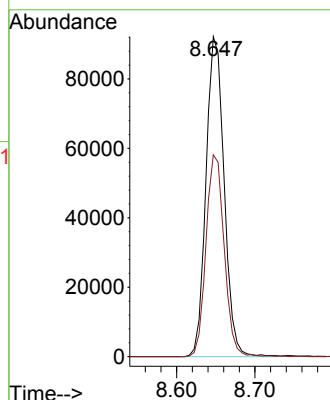
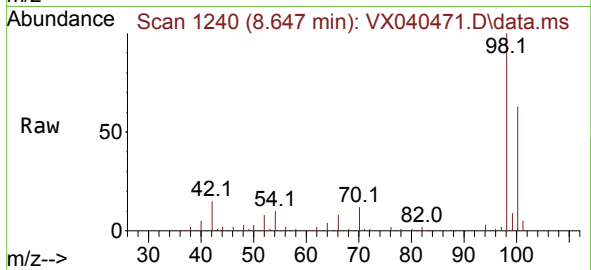
RE122D3-20240221

Tgt Ion: 98 Resp: 148069

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.537 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX040471.D

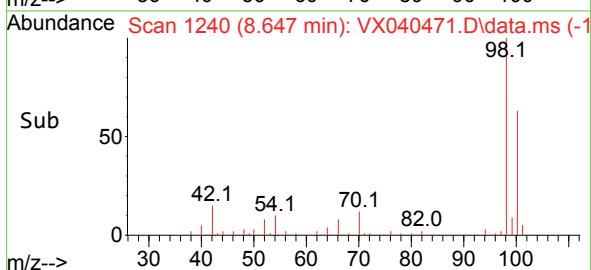
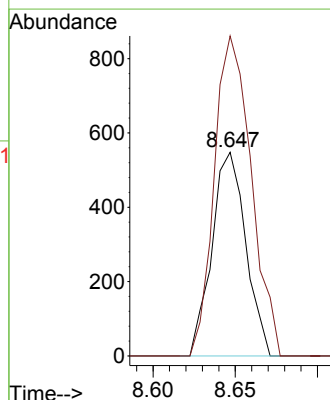
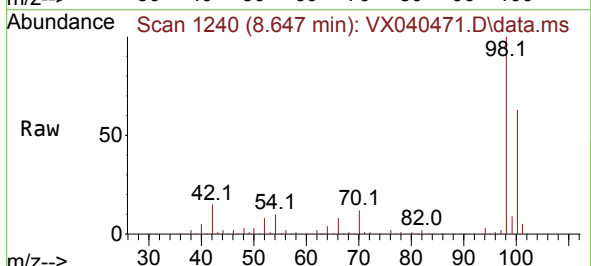
Acq: 26 Feb 2024 19:21

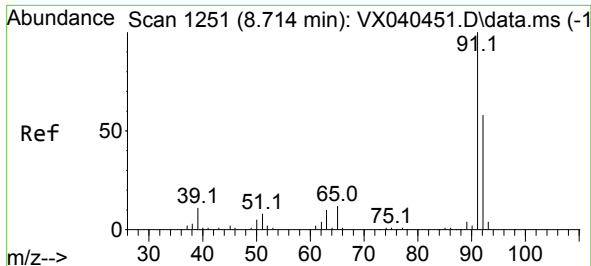
Tgt Ion: 43 Resp: 784

Ion Ratio Lower Upper

43 100

58 171.4 30.4 45.6#

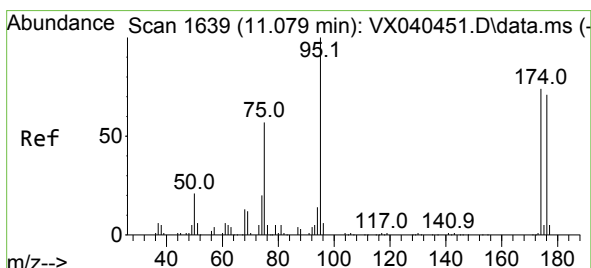
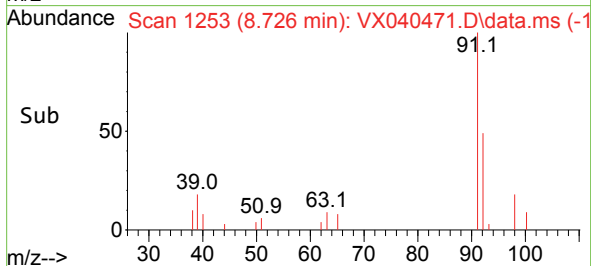
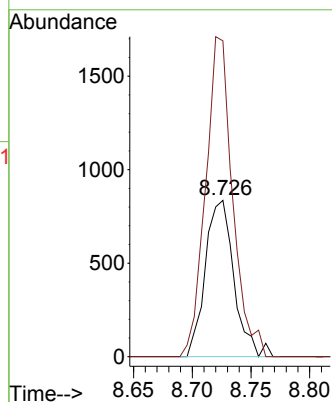
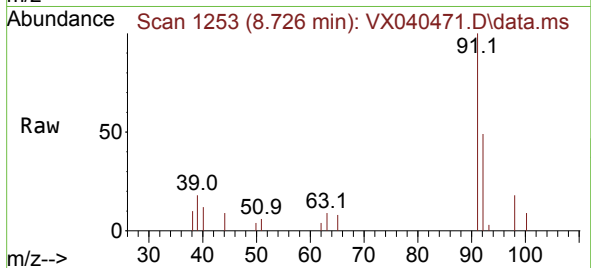




#52
Toluene
Concen: 0.664 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

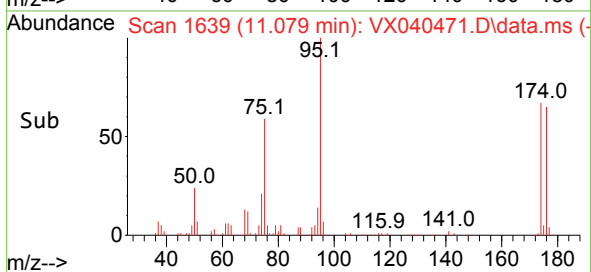
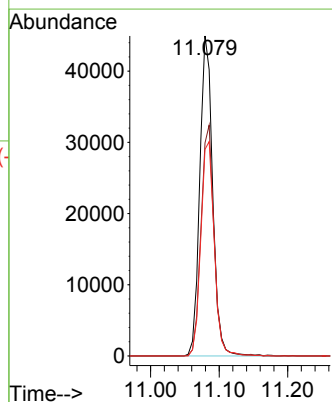
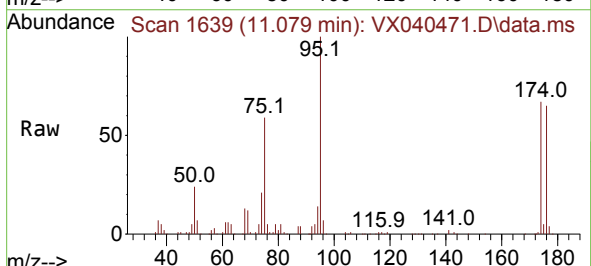
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20240221

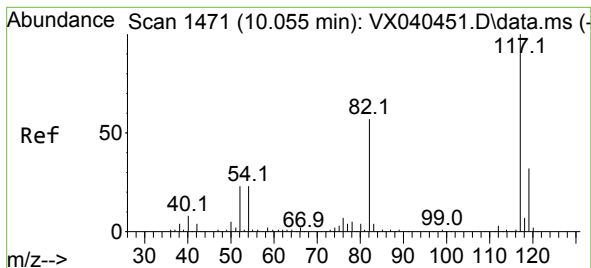
Tgt Ion: 92 Resp: 1420
Ion Ratio Lower Upper
92 100
91 193.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Tgt Ion: 95 Resp: 58878
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 69.7 0.0 131.0

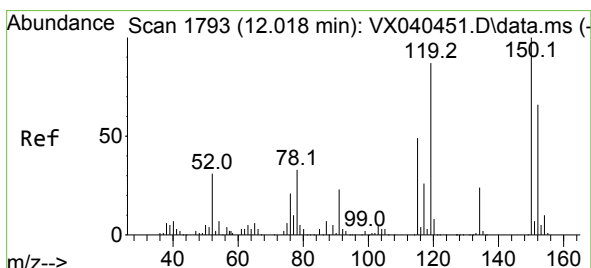
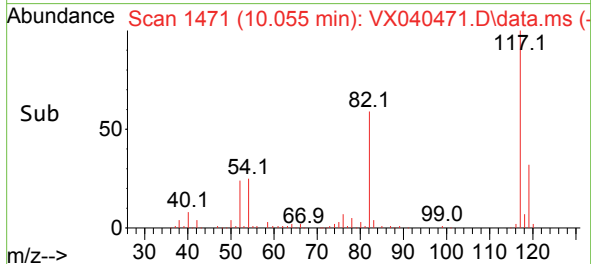
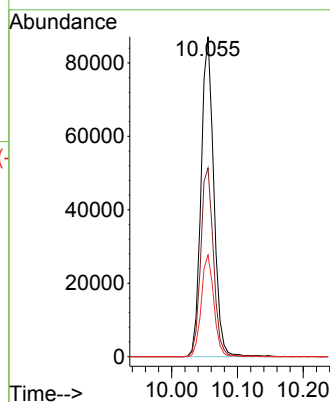
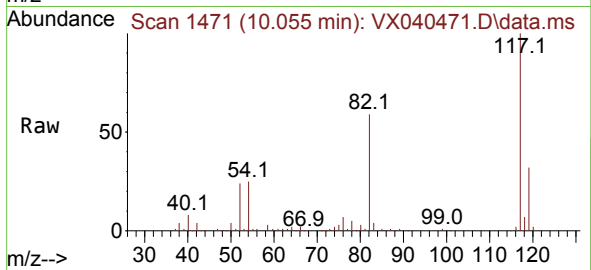




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

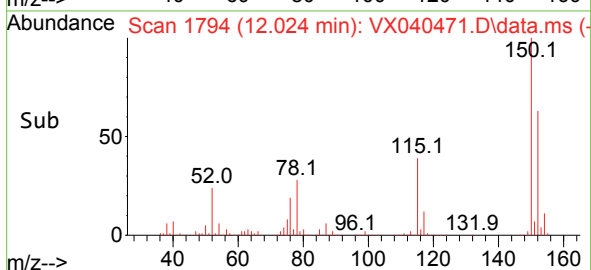
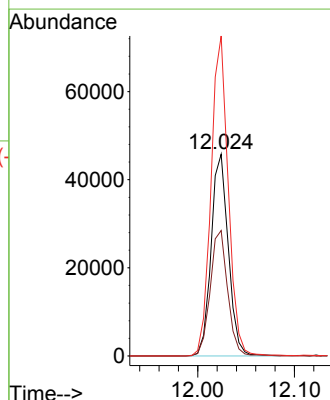
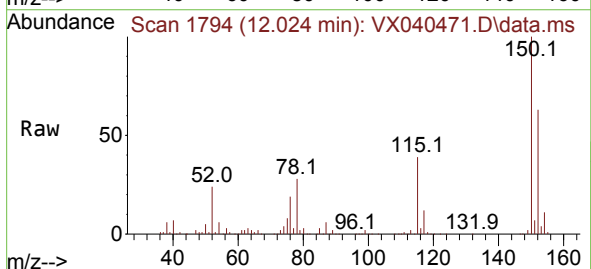
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20240221

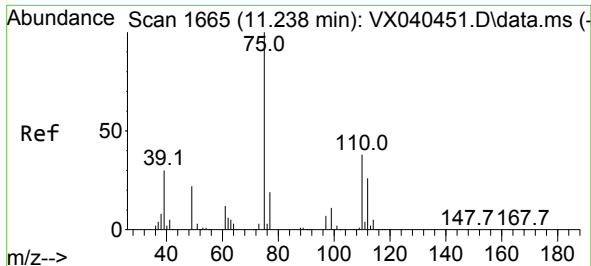
Tgt Ion:117 Resp: 117211
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Tgt Ion:152 Resp: 56644
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 158.8 0.0 345.0

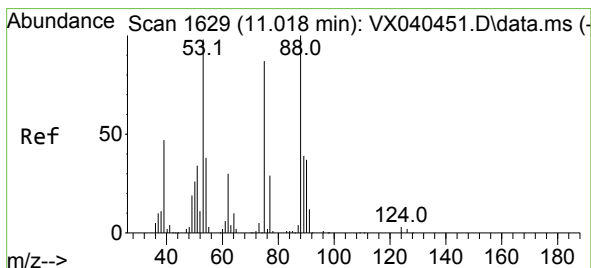
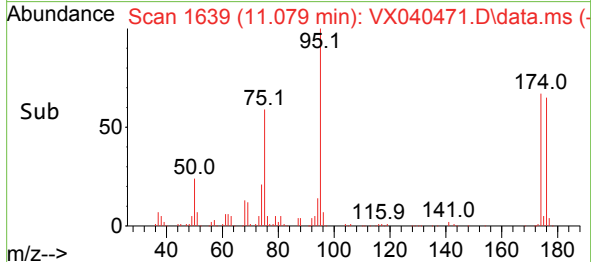
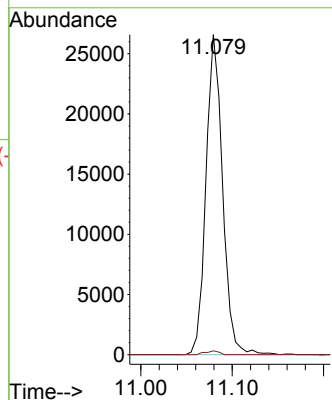
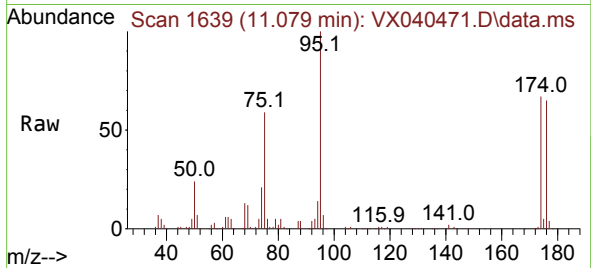




#76
1,2,3-Trichloropropane
Concen: 26.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20240221

Tgt Ion: 75 Resp: 33378
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Tgt Ion: 75 Resp: 33378
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

