

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040519.D
 Acq On : 28 Feb 2024 18:21
 Operator : JC/MD
 Sample : P1615-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20240226

Quant Time: Feb 29 03:53:52 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)

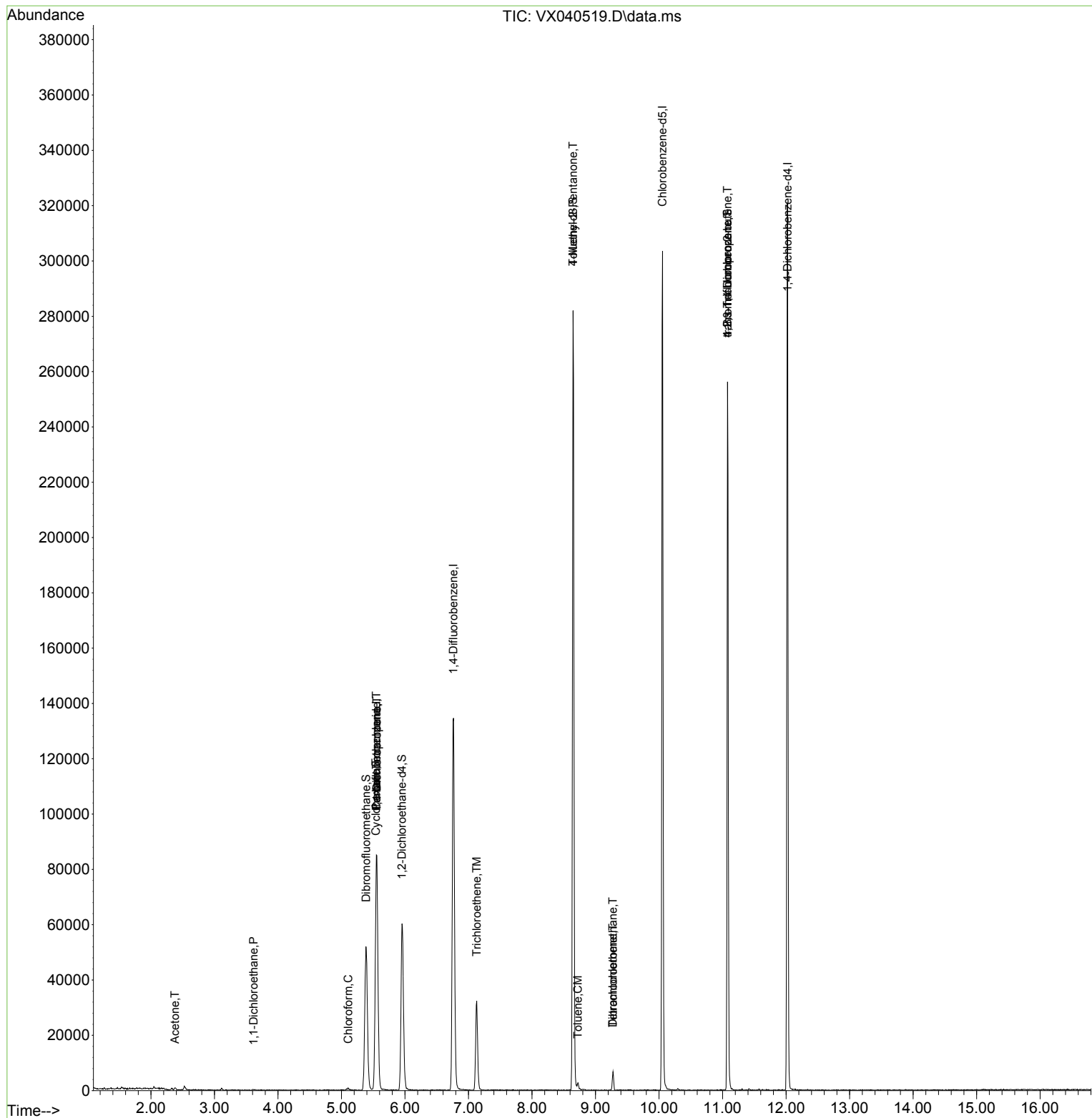
Internal Standards						
1) Pentafluorobenzene	5.550	168	75401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60376	47.875	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.740%		
35) Dibromofluoromethane	5.385	113	43997	49.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.140%		
50) Toluene-d8	8.647	98	162351	49.886	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	64927	52.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.680%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	872	2.120	ug/l	94
24) 1,1-Dichloroethane	3.617	63	392	0.223	ug/l #	83
30) Chloroform	5.105	83	883	0.472	ug/l #	76
31) Cyclohexane	5.544	56	2225	1.557	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	7133	5.164	ug/l #	42
38) Carbon Tetrachloride	5.550	117	8207	6.150	ug/l #	15
44) Trichloroethene	7.129	130	11886	11.818	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	986	0.629	ug/l #	1
52) Toluene	8.720	92	928	0.404	ug/l	98
60) Dibromochloromethane	9.275	129	1104	1.067	ug/l #	11
64) Tetrachloroethene	9.275	164	1237	1.370	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	37399	26.288	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37399	76.451	ug/l #	5

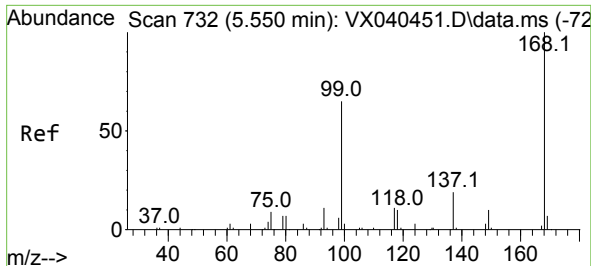
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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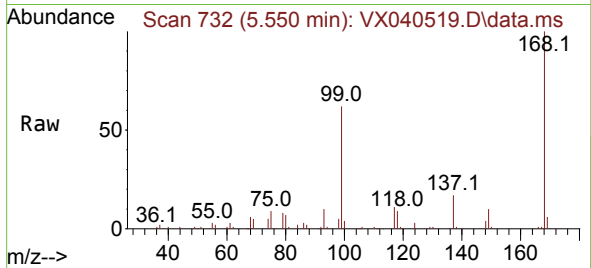
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration



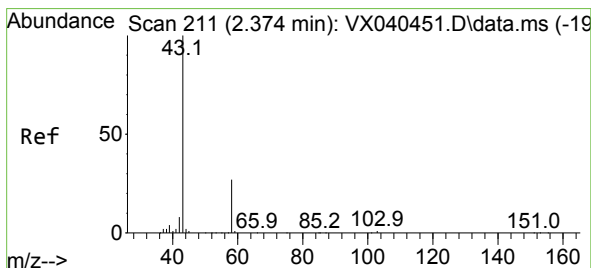
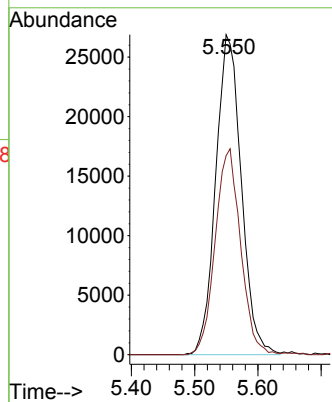
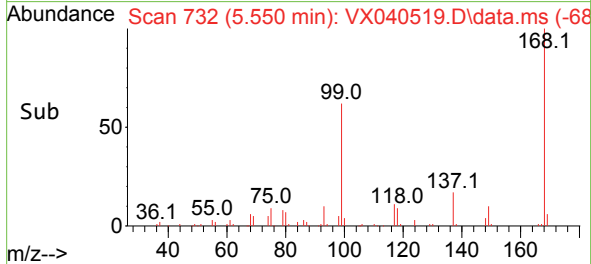


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240226

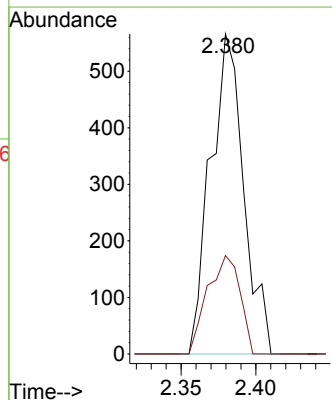
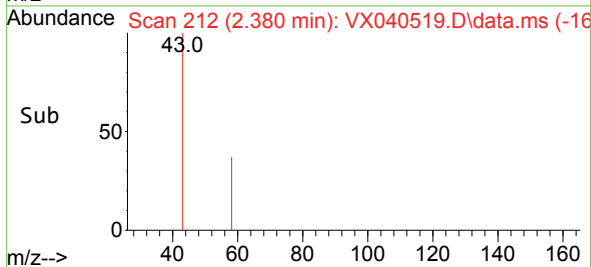
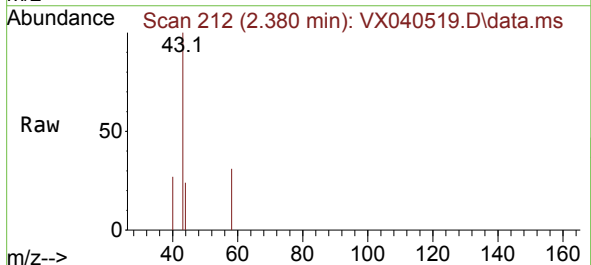


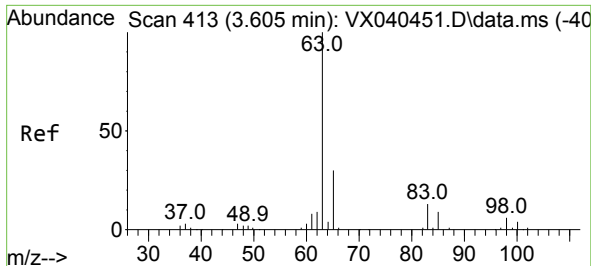
Tgt Ion:168 Resp: 75401
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#16
Acetone
Concen: 2.120 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9

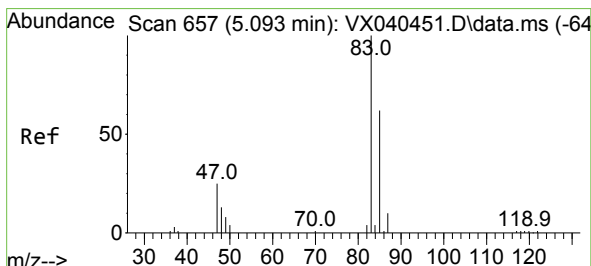
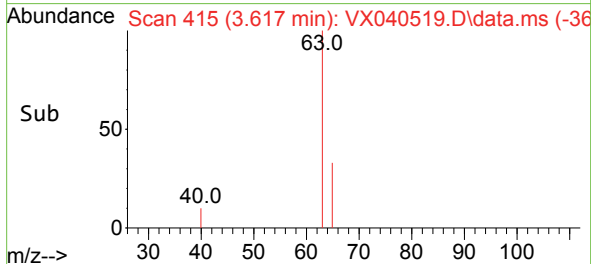
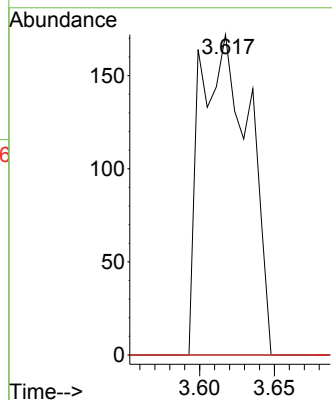
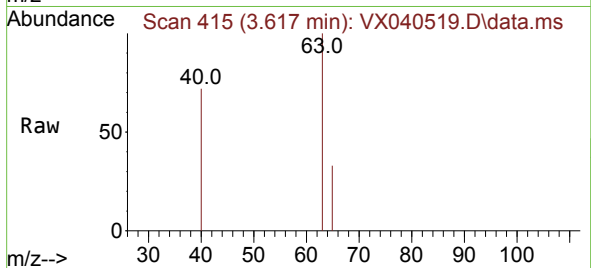




#24
1,1-Dichloroethane
Concen: 0.223 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.012 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

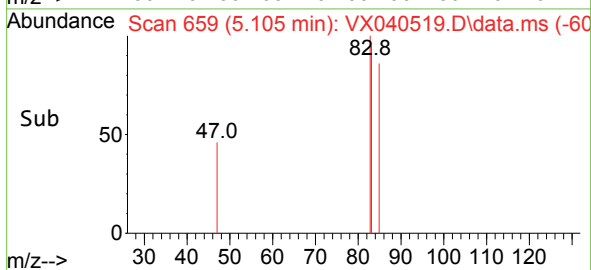
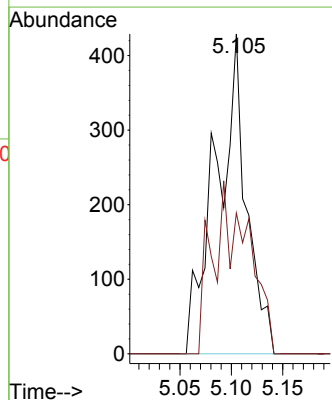
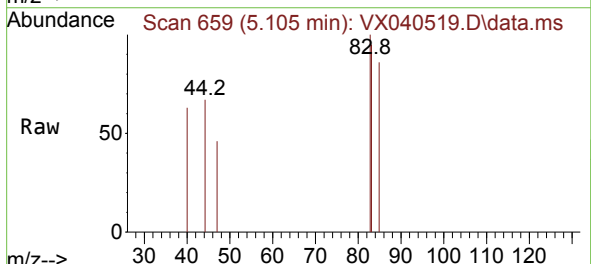
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240226

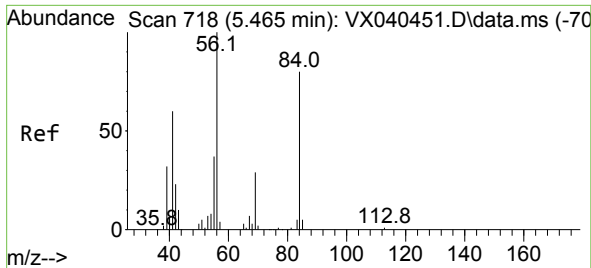
Tgt Ion: 63 Resp: 392
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#30
Chloroform
Concen: 0.472 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

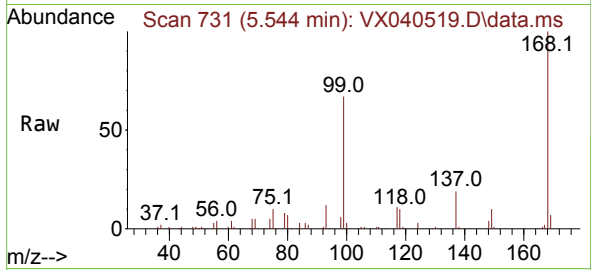
Tgt Ion: 83 Resp: 883
Ion Ratio Lower Upper
83 100
85 44.1 50.3 75.5#



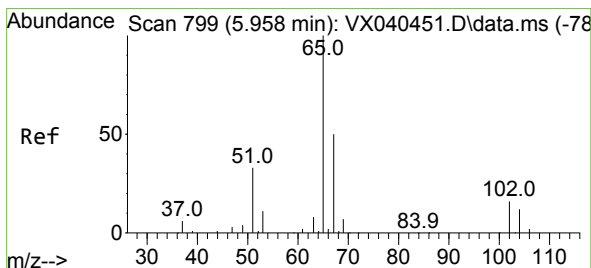
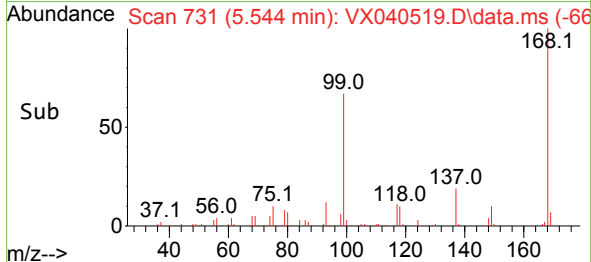
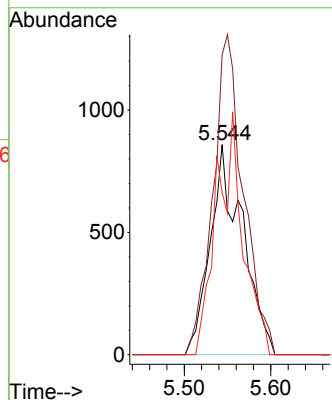


#31
Cyclohexane
Concen: 1.557 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240226

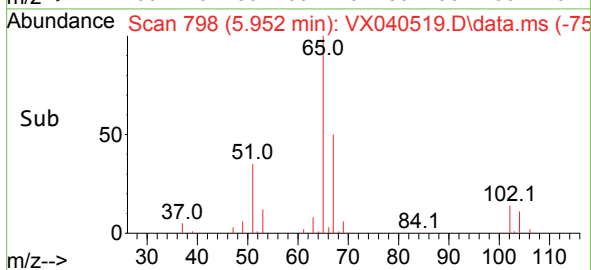
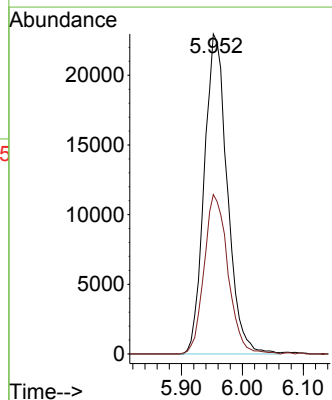
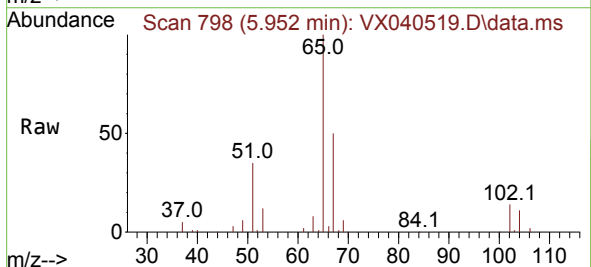


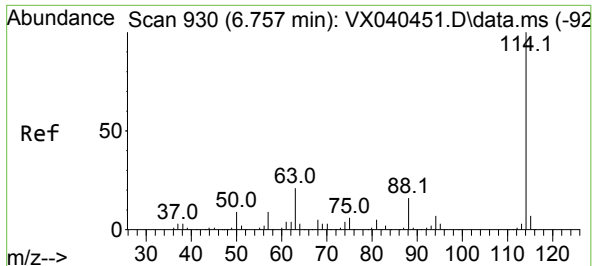
Tgt Ion: 56 Resp: 2225
Ion Ratio Lower Upper
56 100
69 142.6 23.4 35.2#
84 77.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.875 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Tgt Ion: 65 Resp: 60376
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

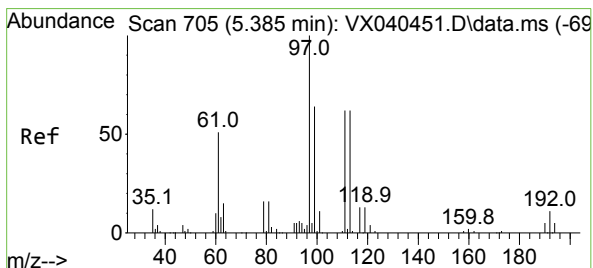
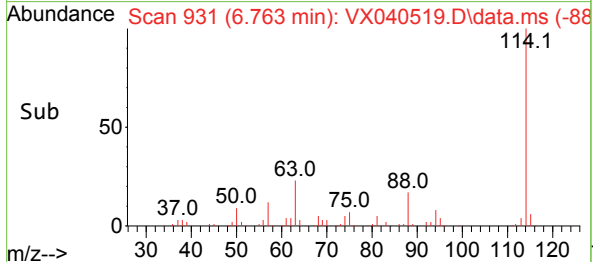
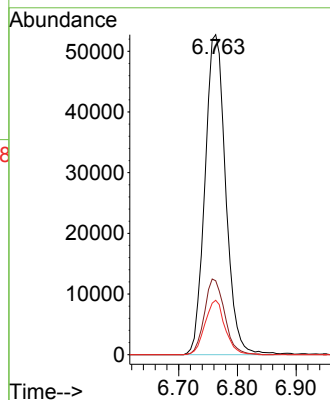
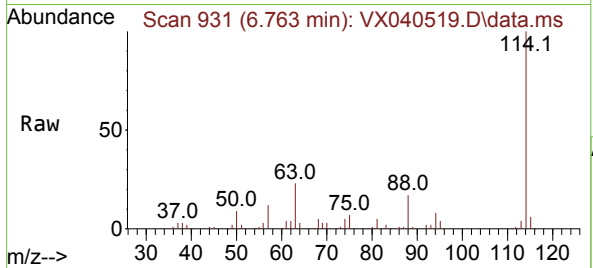




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

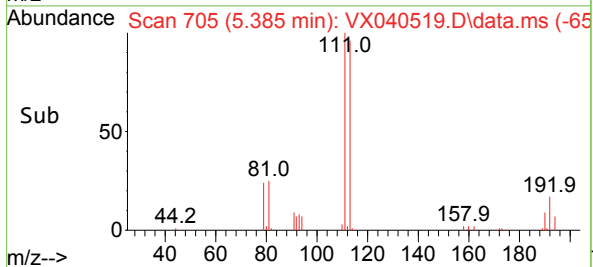
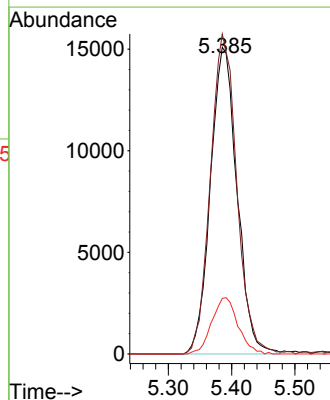
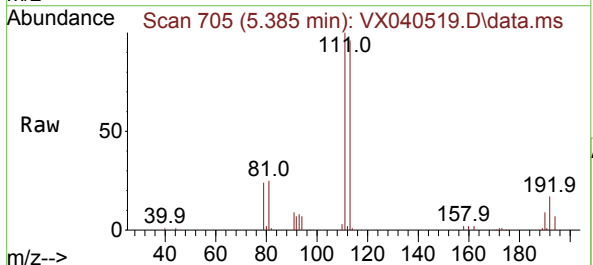
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240226

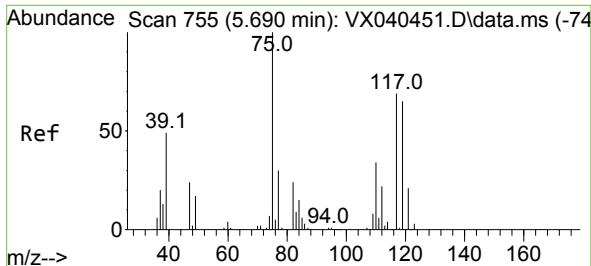
Tgt Ion:114 Resp: 128930
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.073 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Tgt Ion:113 Resp: 43997
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.1 13.3 19.9

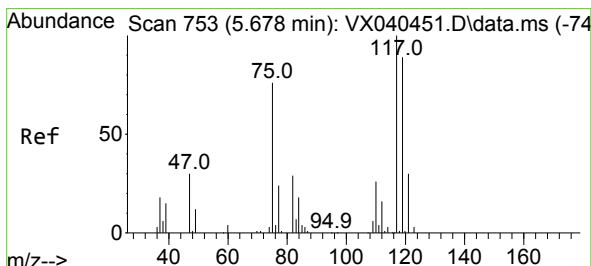
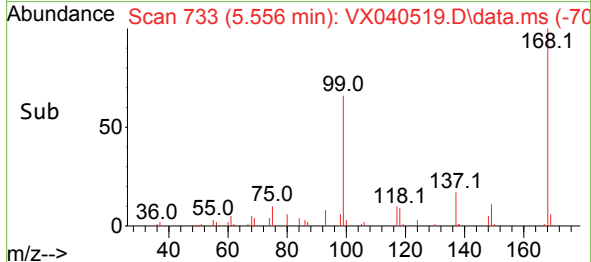
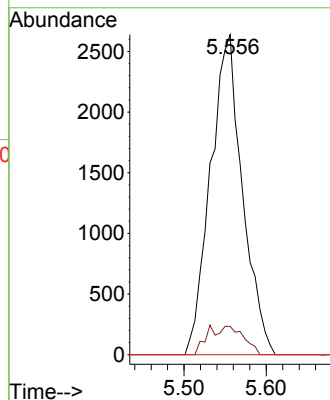
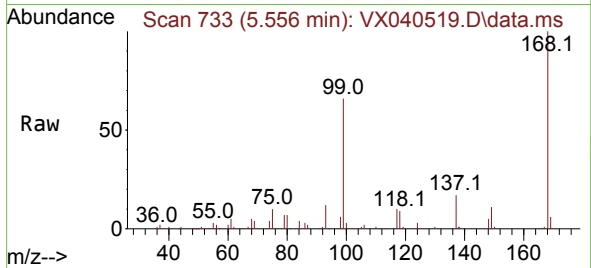




#36
1,1-Dichloropropene
Concen: 5.164 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

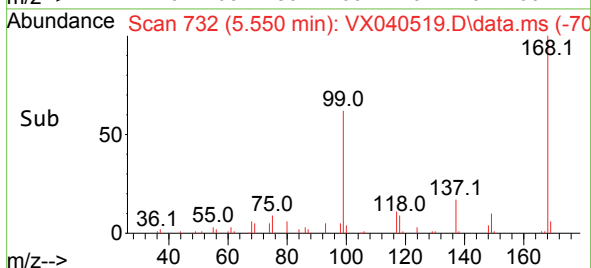
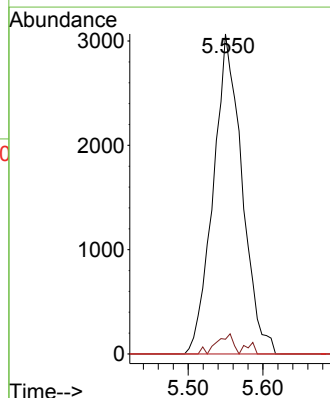
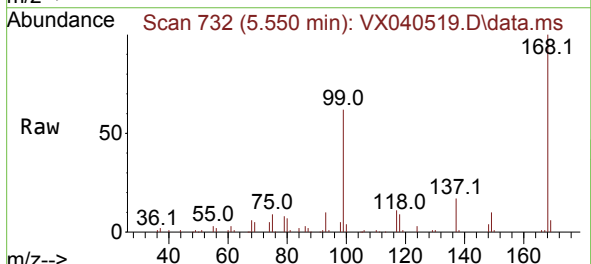
Instrument :
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ClientSampleId :
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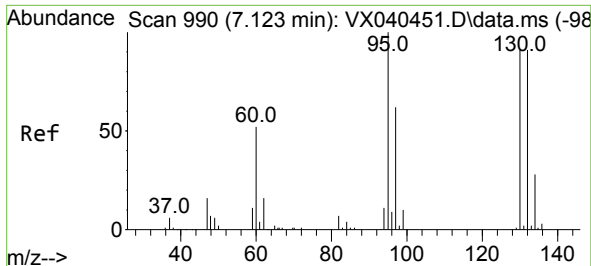
Tgt Ion: 75 Resp: 7133
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.150 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Tgt Ion: 117 Resp: 8207
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

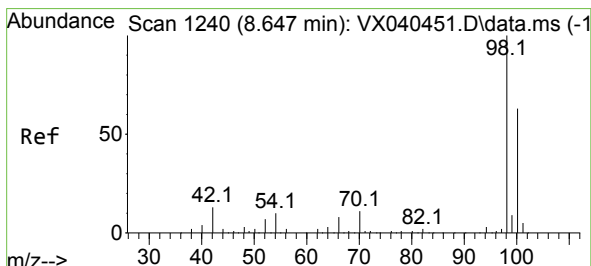
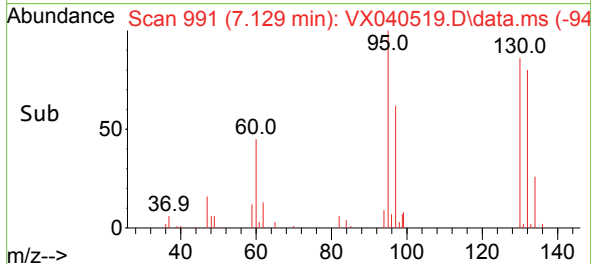
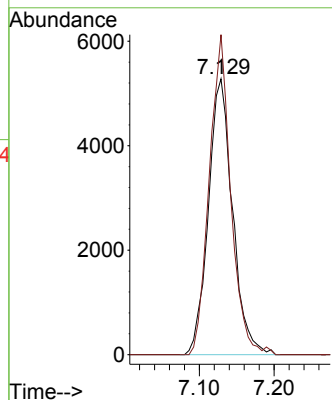
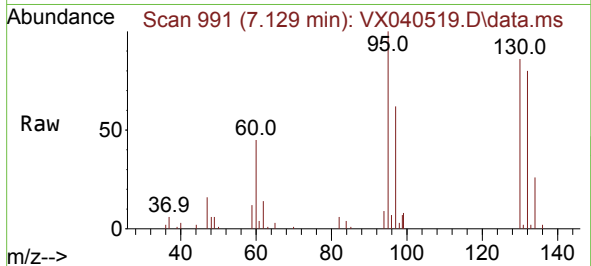




#44
Trichloroethene
Concen: 11.818 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

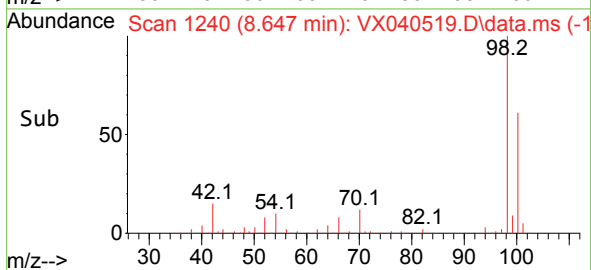
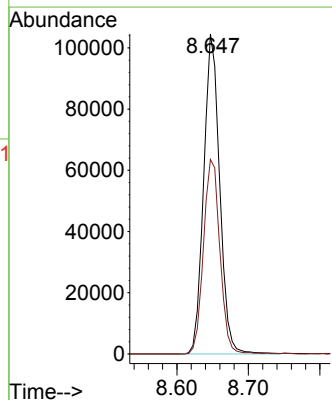
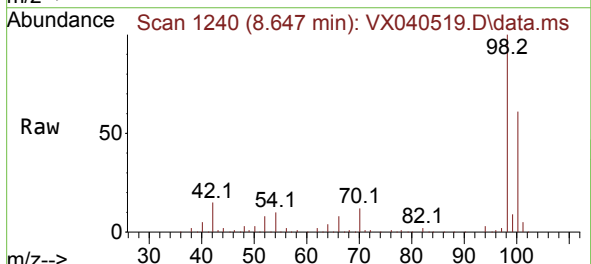
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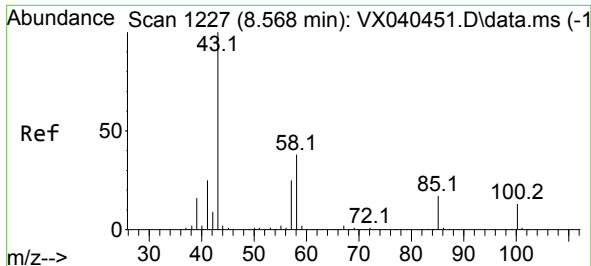
Tgt Ion:130 Resp: 11886
Ion Ratio Lower Upper
130 100
95 116.0 0.0 204.4



#50
Toluene-d8
Concen: 49.886 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Tgt Ion: 98 Resp: 162351
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7

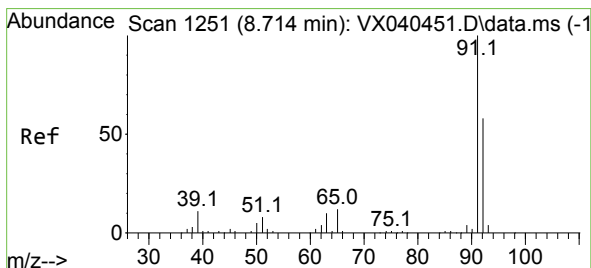
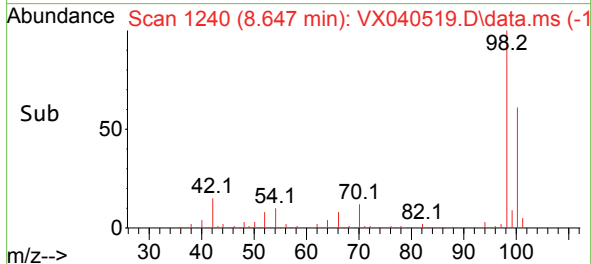
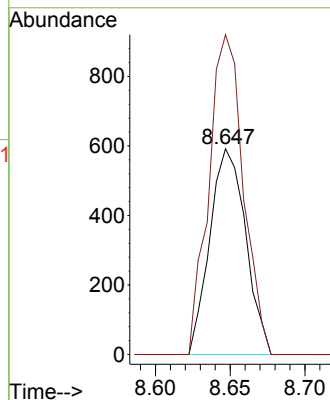
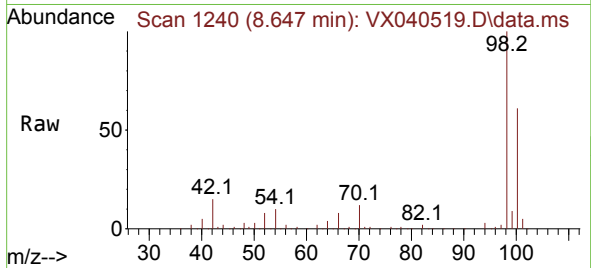




#51
4-Methyl-2-Pentanone
Concen: 0.629 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

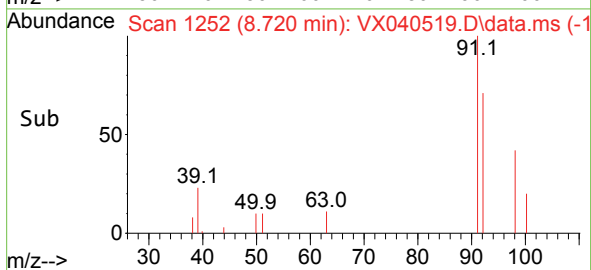
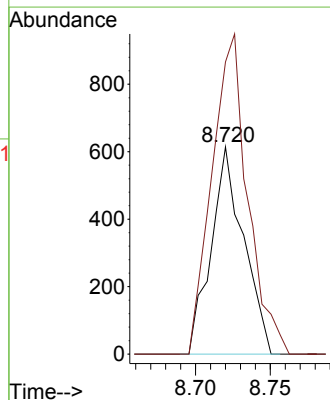
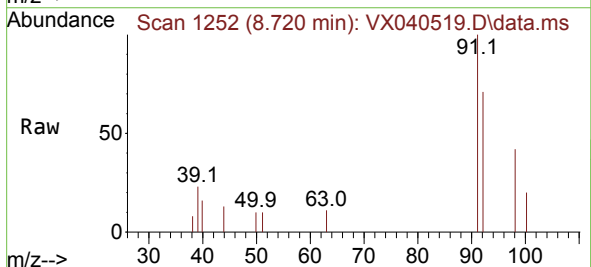
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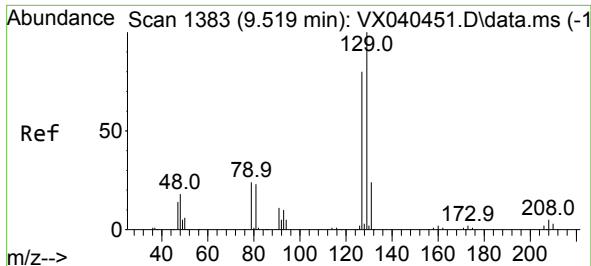
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
58 149.9 30.4 45.6#



#52
Toluene
Concen: 0.404 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Tgt Ion: 92 Resp: 928
Ion Ratio Lower Upper
92 100
91 169.8 134.2 201.2

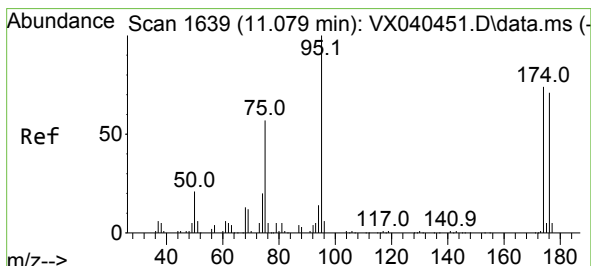
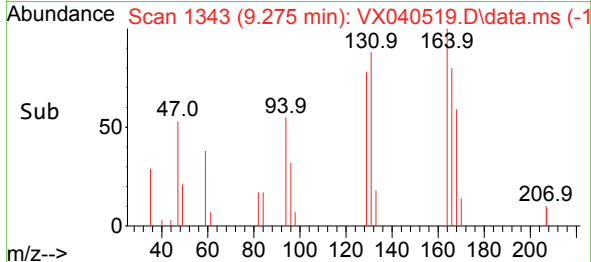
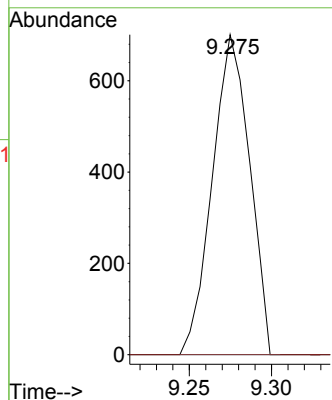
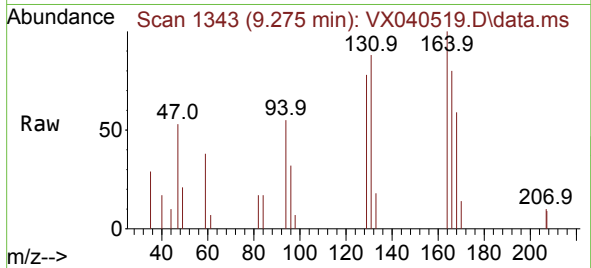




#60
Dibromochloromethane
Concen: 1.067 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

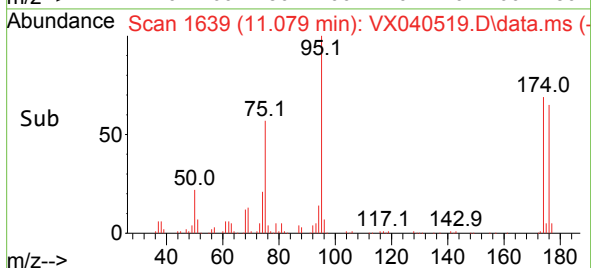
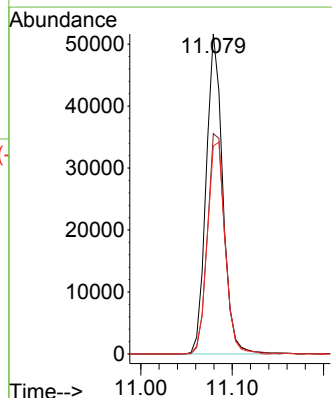
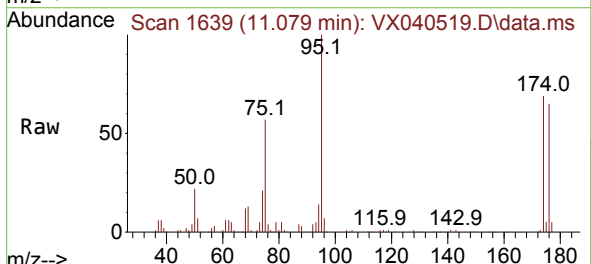
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240226

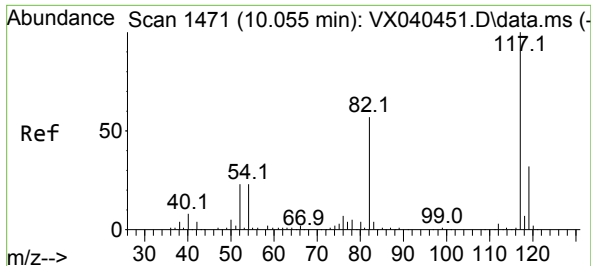
Tgt Ion:129 Resp: 1104
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 52.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Tgt Ion: 95 Resp: 64927
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.9 0.0 131.0

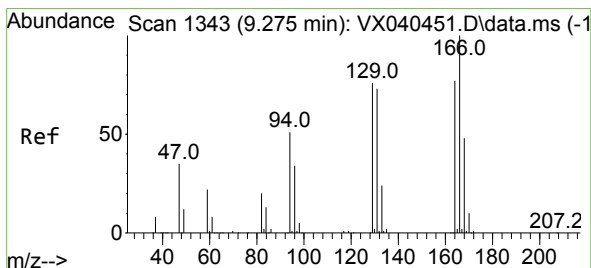
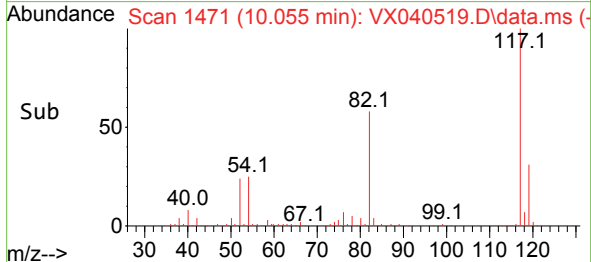
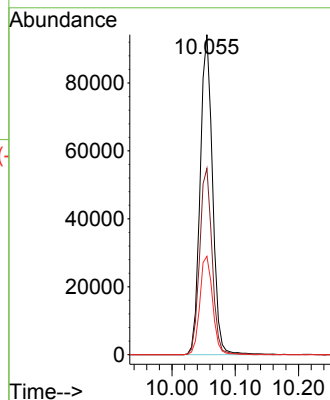
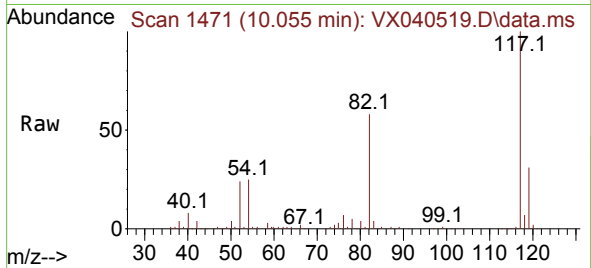




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

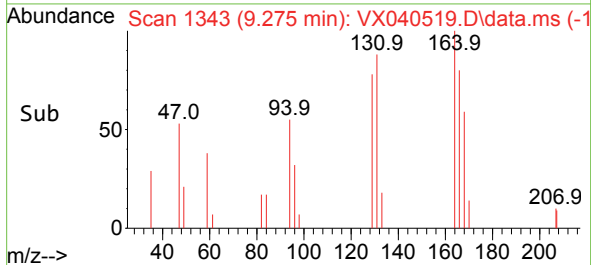
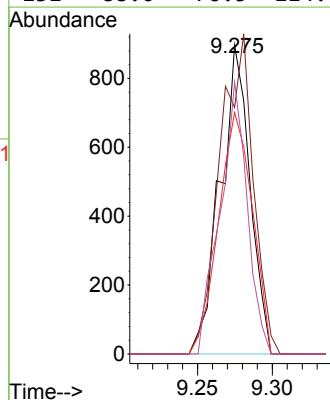
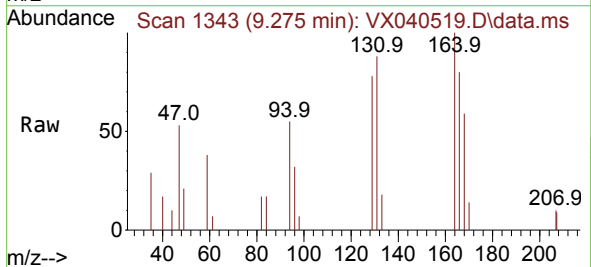
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240226

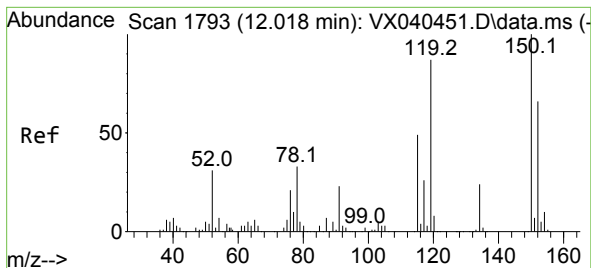
Tgt Ion:117 Resp: 128598
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 30.8 25.5 38.3



#64
Tetrachloroethene
Concen: 1.370 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040519.D
Acq: 28 Feb 2024 18:21

Tgt Ion:164 Resp: 1237
Ion Ratio Lower Upper
164 100
166 79.8 102.7 154.1#
129 78.1 80.4 120.6#
131 88.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040519.D

Acq: 28 Feb 2024 18:21

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20240226

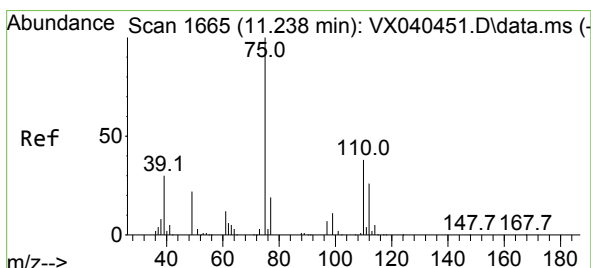
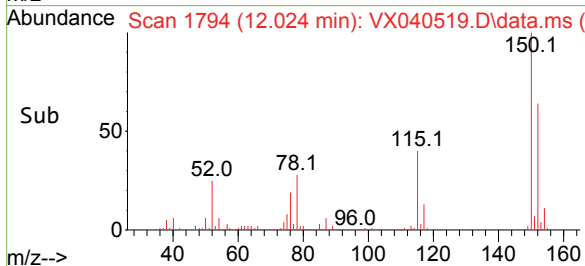
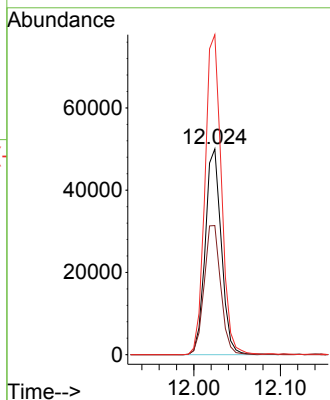
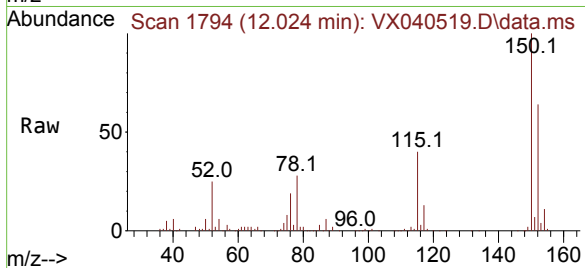
Tgt Ion:152 Resp: 64642

Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.288 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040519.D

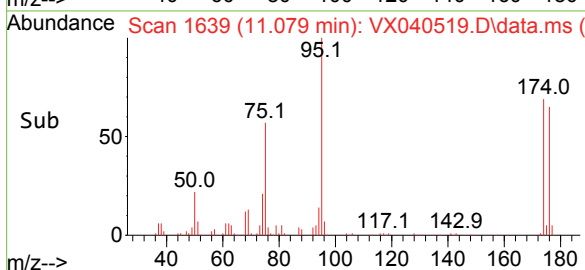
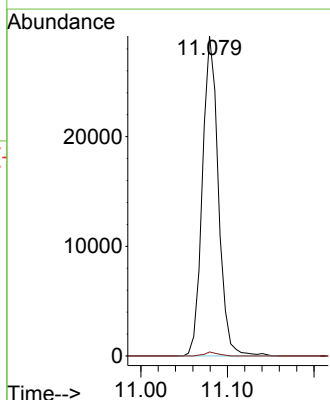
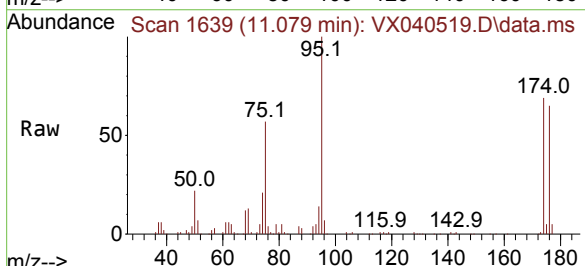
Acq: 28 Feb 2024 18:21

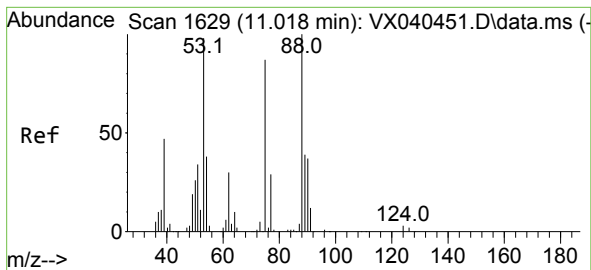
Tgt Ion: 75 Resp: 37399

Ion Ratio Lower Upper

75 100

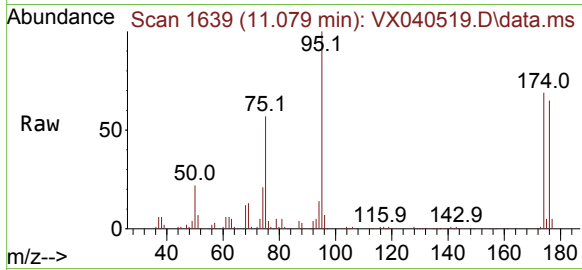
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.451 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040519.D
 Acq: 28 Feb 2024 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20240226



Tgt Ion: 75 Resp: 37399
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

