

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040406.D
 Acq On : 22 Feb 2024 16:58
 Operator : JC/MD
 Sample : P1532-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20240216

Quant Time: Feb 23 00:09:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

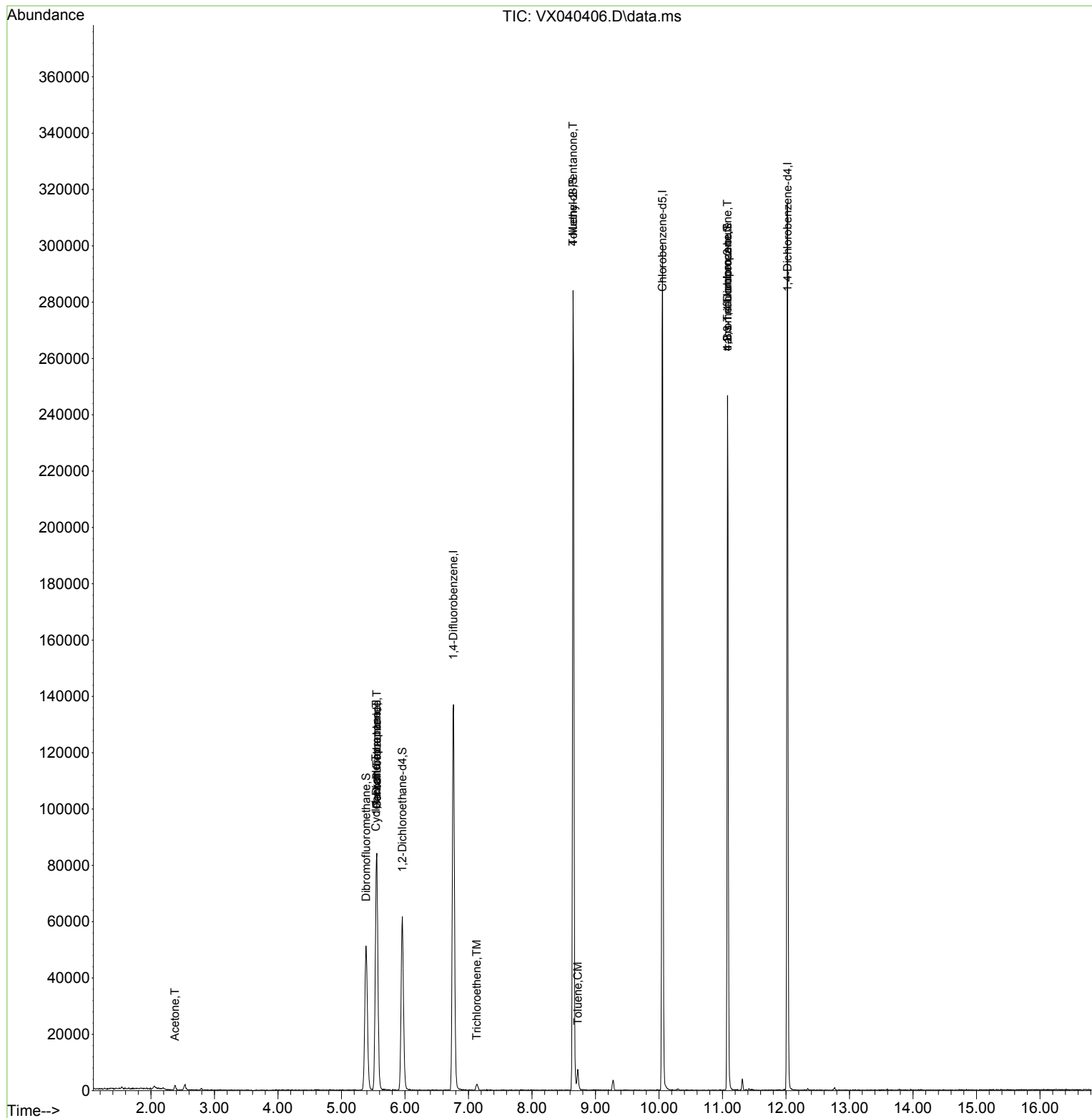
Internal Standards						
1) Pentafluorobenzene	5.556	168	72886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60153	55.475	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.940%			
35) Dibromofluoromethane	5.385	113	43981	47.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.880%			
50) Toluene-d8	8.647	98	160955	46.898	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.800%			
62) 4-Bromofluorobenzene	11.079	95	61936	44.249	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.500%			
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1673	3.757	ug/l #	84
20) Methylene Chloride	2.788	84	253	Below Cal	#	76
31) Cyclohexane	5.544	56	2023	1.564	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	7011	5.455	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7963	6.516	ug/l #	17
44) Trichloroethene	7.129	130	895	0.903	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	863	0.566	ug/l #	1
52) Toluene	8.720	92	2604	1.106	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	34774	27.967	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34774	76.509	ug/l #	5

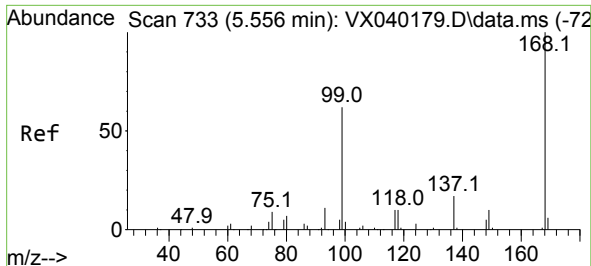
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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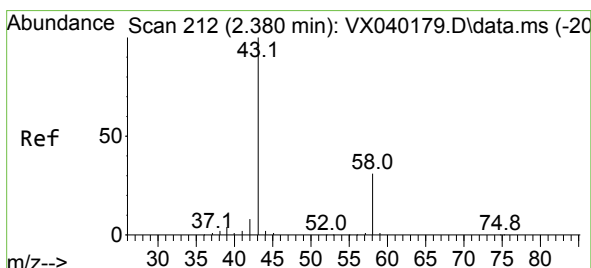
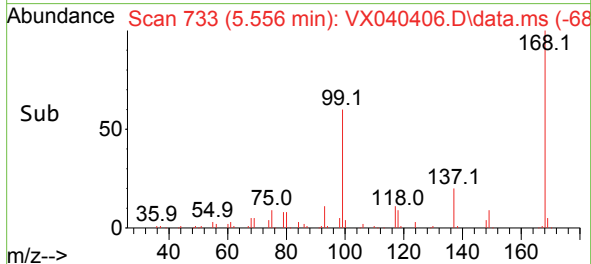
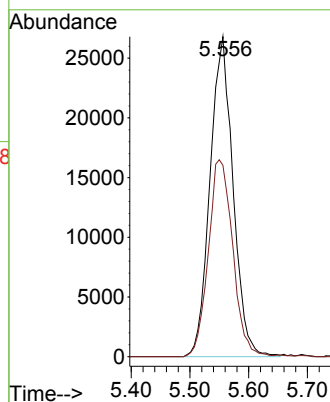
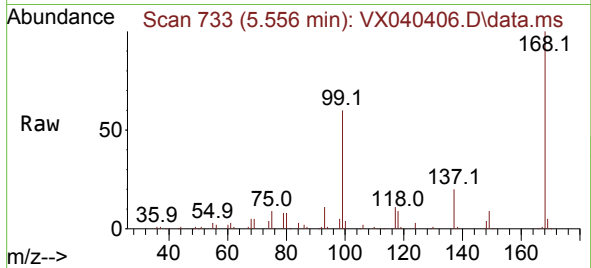




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

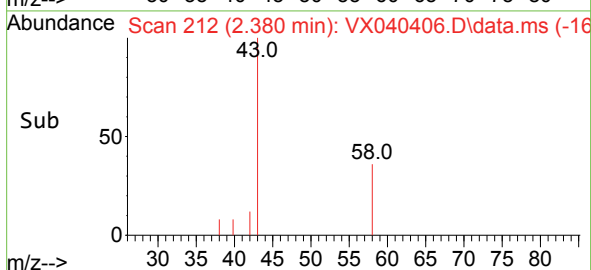
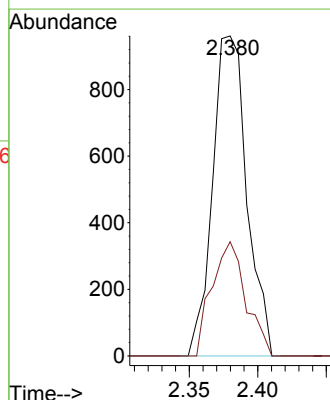
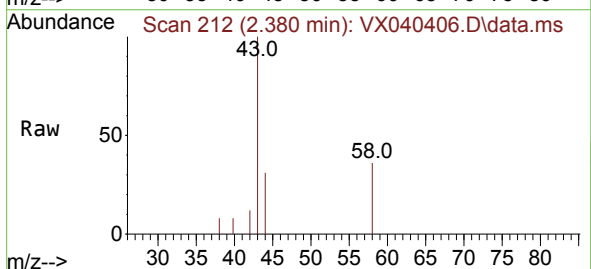
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

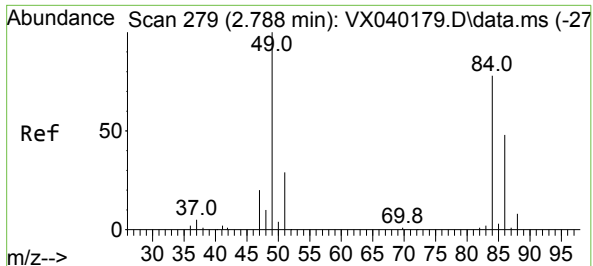
Tgt Ion:168 Resp: 72886
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#16
Acetone
Concen: 3.757 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 35.7 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040406.D

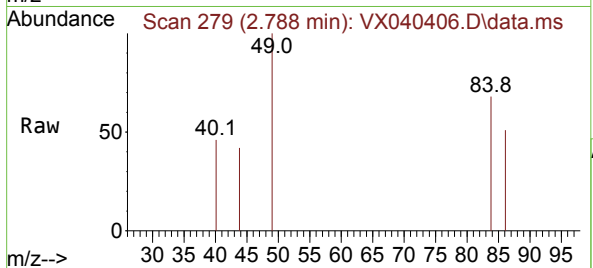
Acq: 22 Feb 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20240216



Tgt Ion: 84 Resp: 253

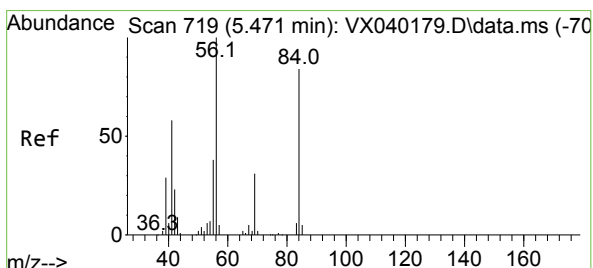
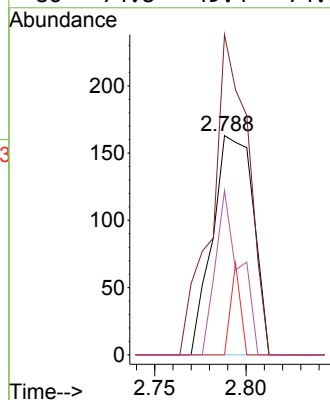
Ion Ratio Lower Upper

84 100

49 146.0 103.6 155.4

51 0.0 33.8 50.6#

86 74.8 49.4 74.0#



#31

Cyclohexane

Concen: 1.564 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX040406.D

Acq: 22 Feb 2024 16:58

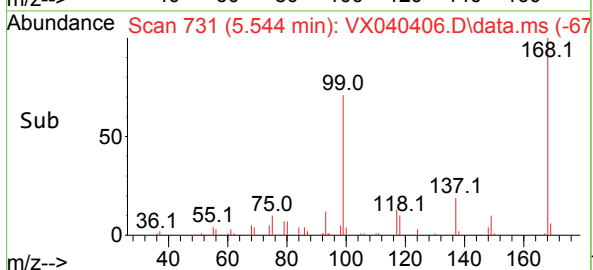
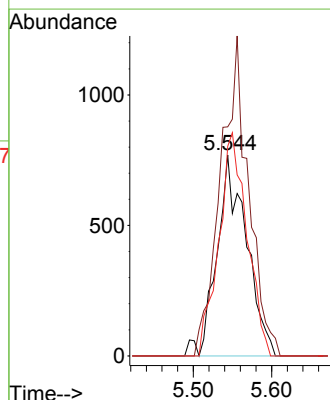
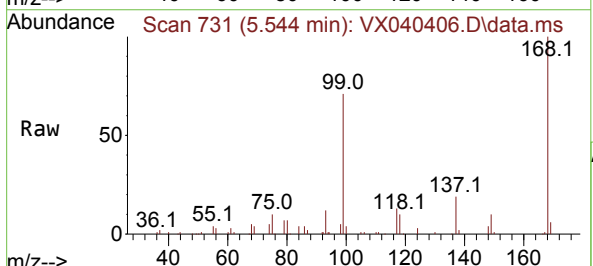
Tgt Ion: 56 Resp: 2023

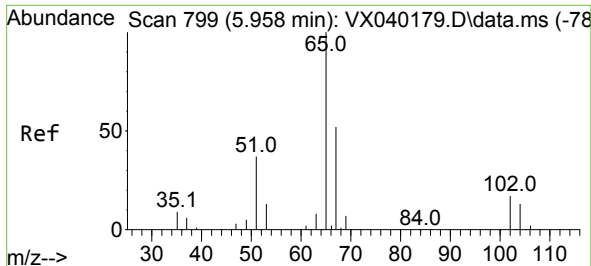
Ion Ratio Lower Upper

56 100

69 114.0 23.4 35.2#

84 104.3 65.9 98.9#

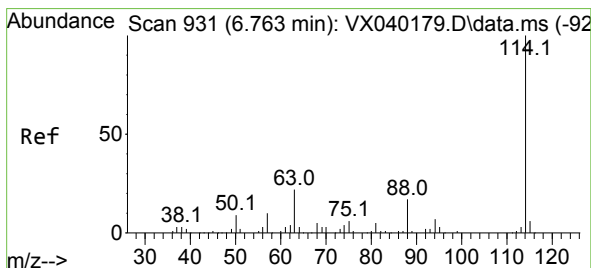
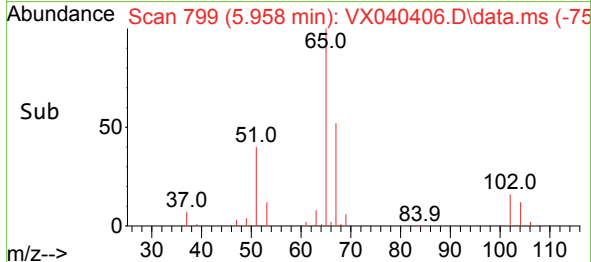
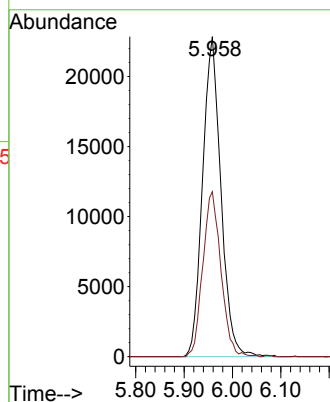
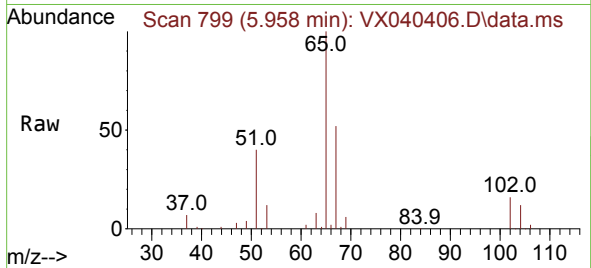




#33
1,2-Dichloroethane-d4
Concen: 55.475 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

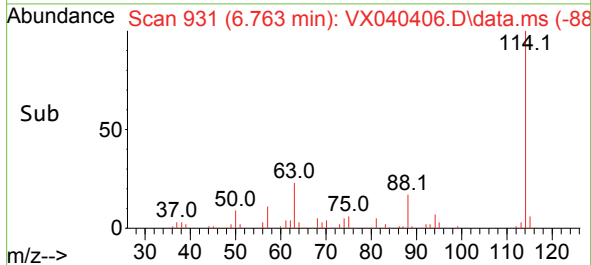
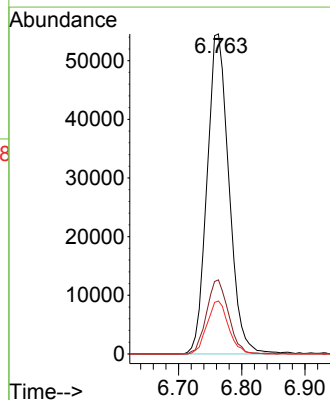
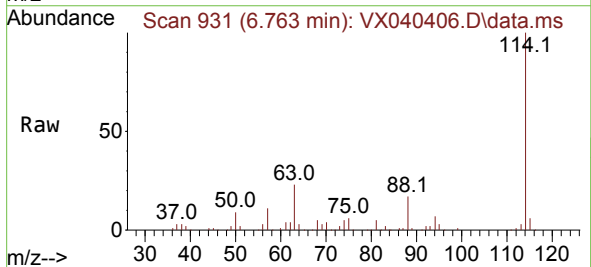
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

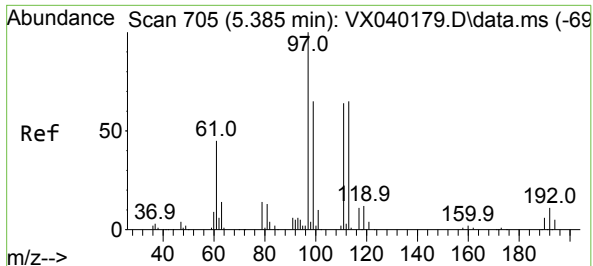
Tgt Ion: 65 Resp: 60153
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

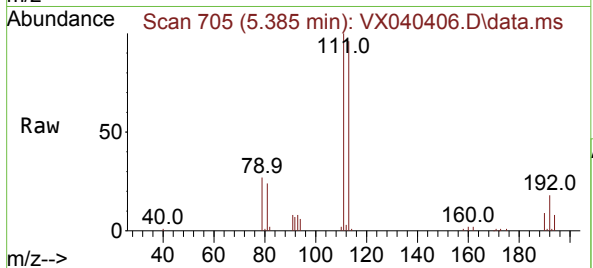
Tgt Ion:114 Resp: 131379
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 16.5 0.0 36.6



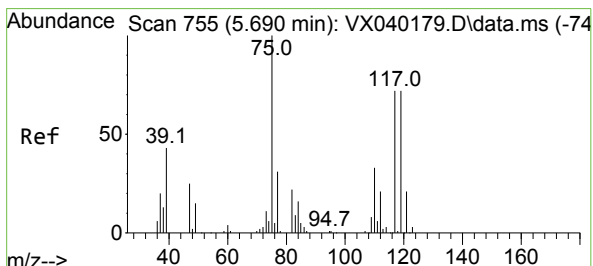
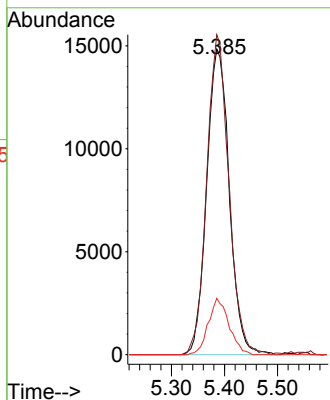
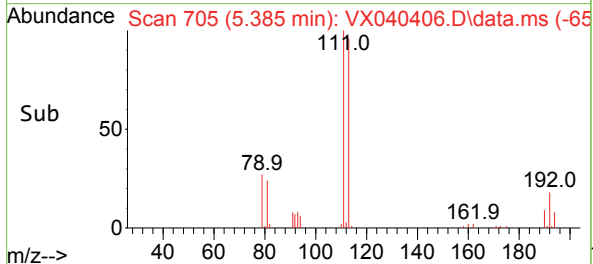


#35
Dibromofluoromethane
Concen: 47.937 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

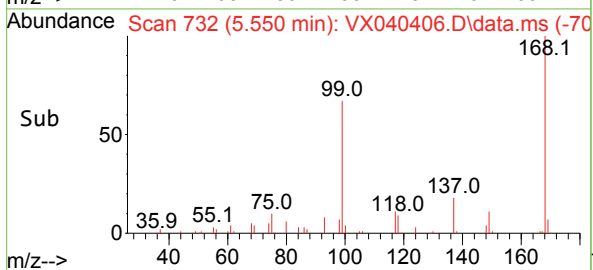
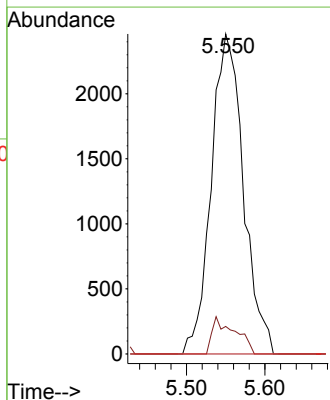
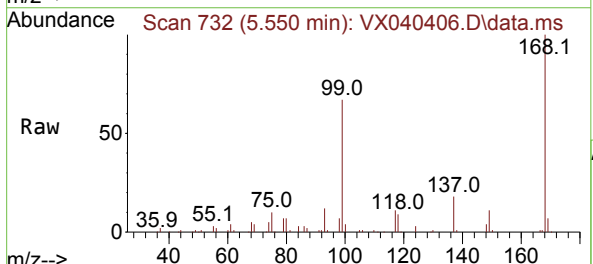


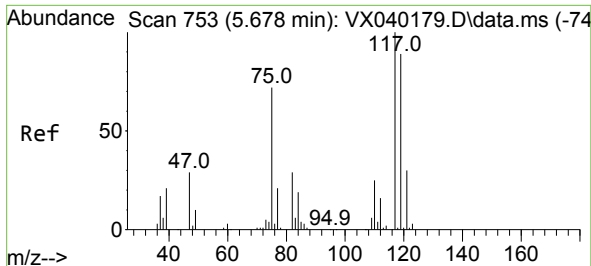
Tgt Ion:113 Resp: 43981
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.455 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

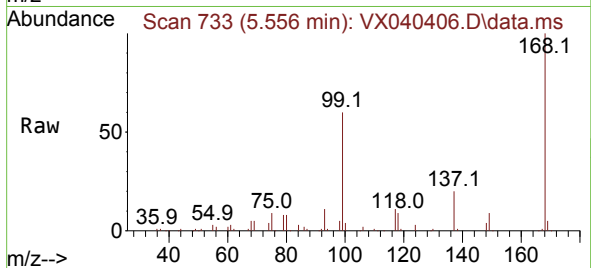
Tgt Ion: 75 Resp: 7011
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



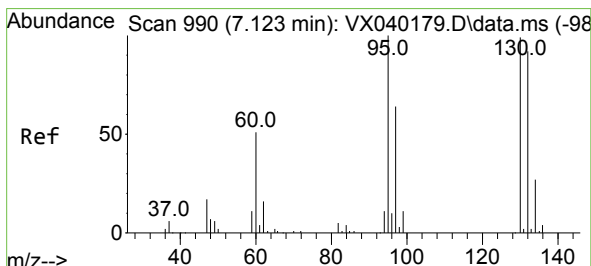
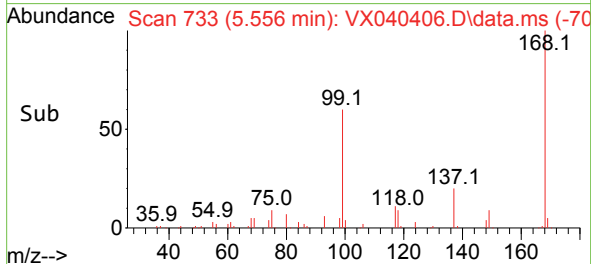
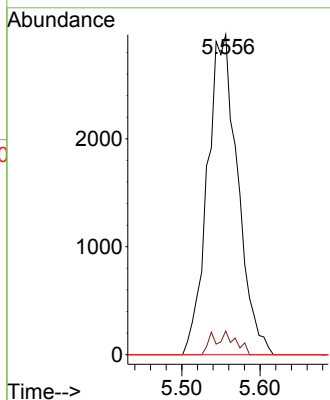


#38
Carbon Tetrachloride
Concen: 6.516 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.116 min
Lab File: VX040406.D
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Instrument :
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ClientSampleId :
RE104D3-20240216

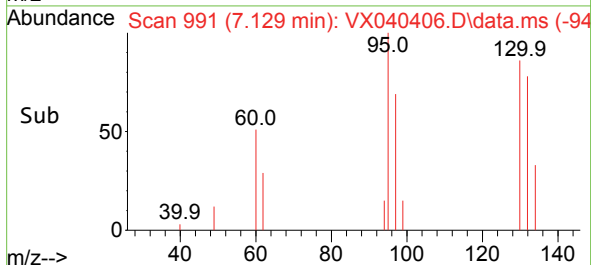
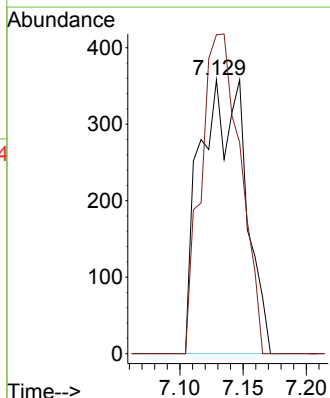
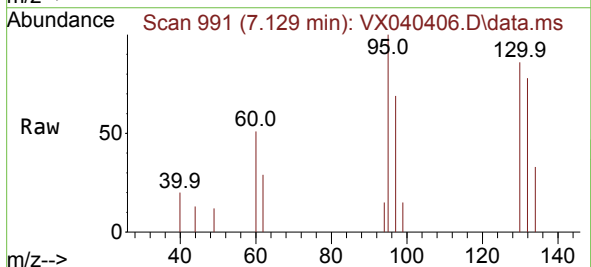


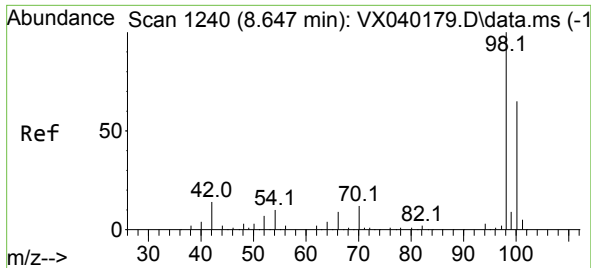
Tgt Ion:117 Resp: 7963
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.903 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

Tgt Ion:130 Resp: 895
Ion Ratio Lower Upper
130 100
95 116.5 0.0 204.4

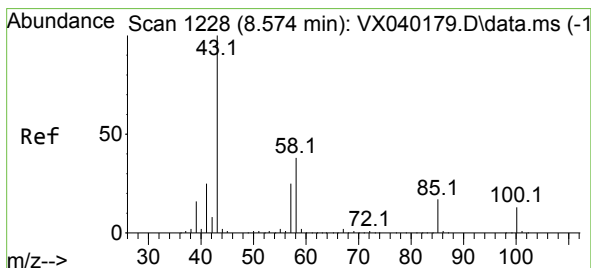
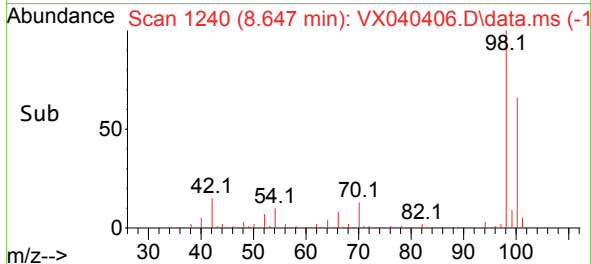
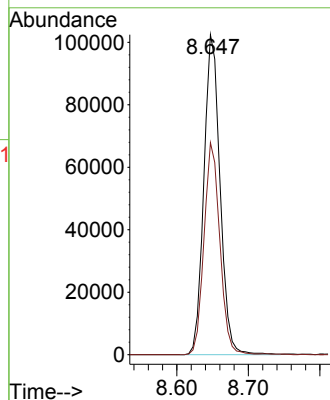
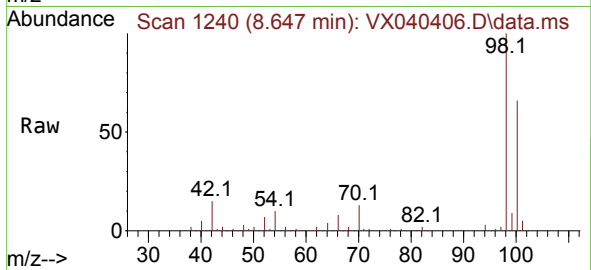




#50
Toluene-d8
Concen: 46.898 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

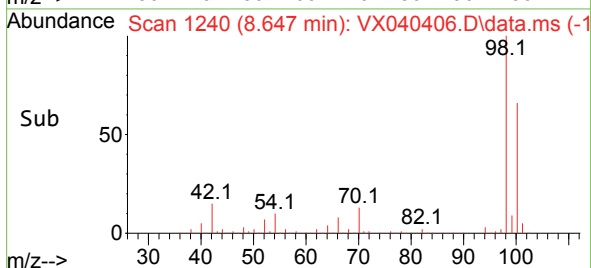
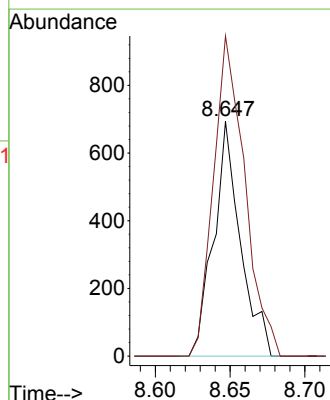
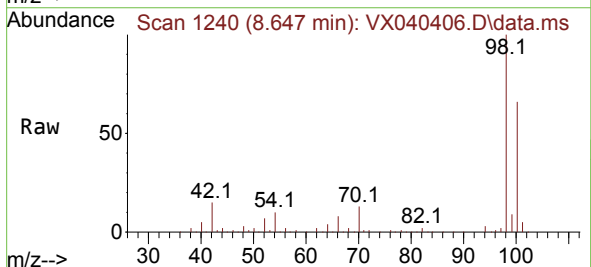
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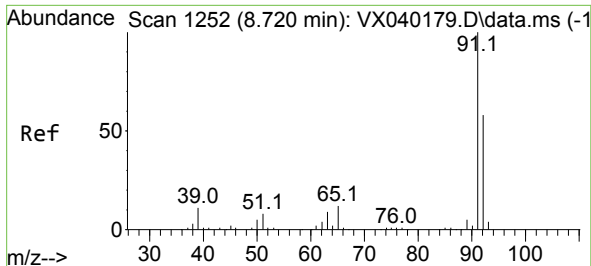
Tgt Ion: 98 Resp: 160955
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 159.9 30.4 45.6#

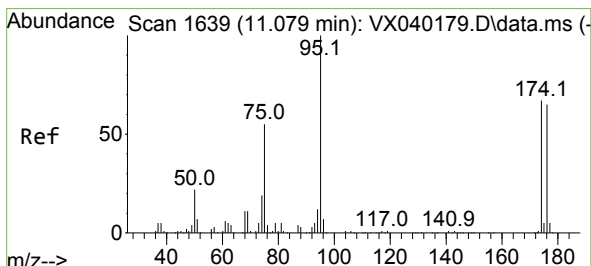
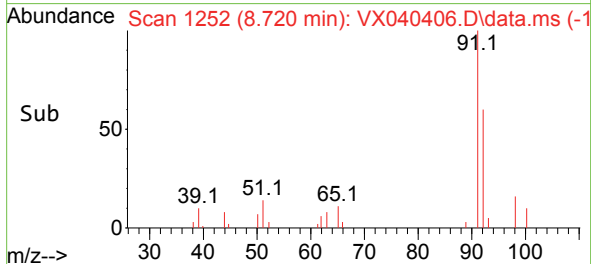
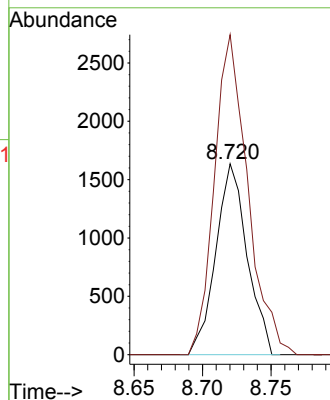
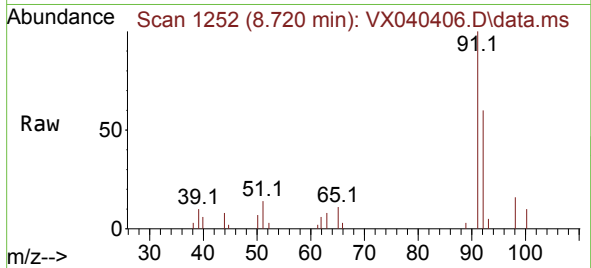




#52
Toluene
Concen: 1.106 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

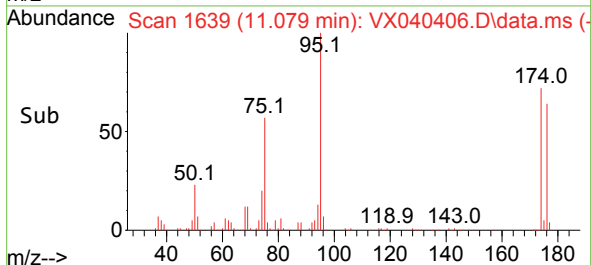
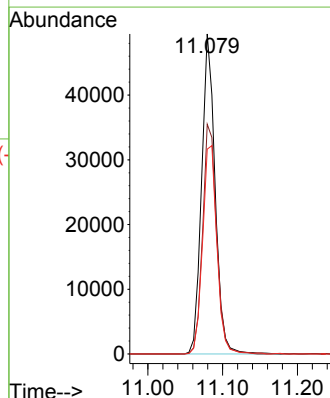
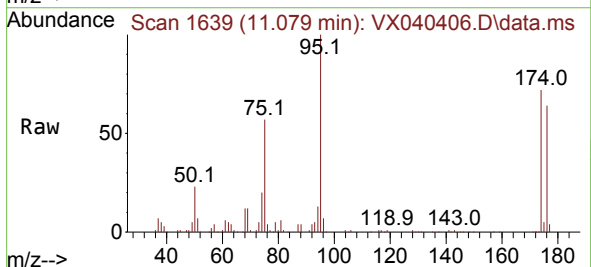
Instrument :
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RE104D3-20240216

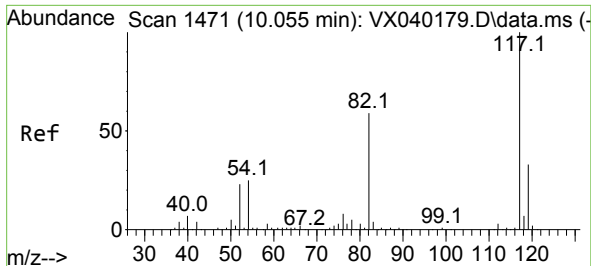
Tgt Ion: 92 Resp: 2604
Ion Ratio Lower Upper
92 100
91 178.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 44.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

Tgt Ion: 95 Resp: 61936
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 69.3 0.0 131.0

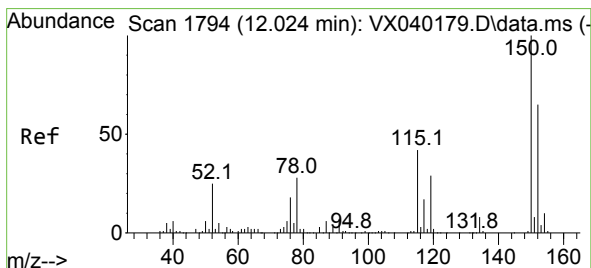
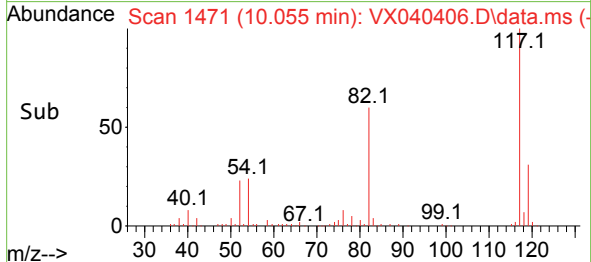
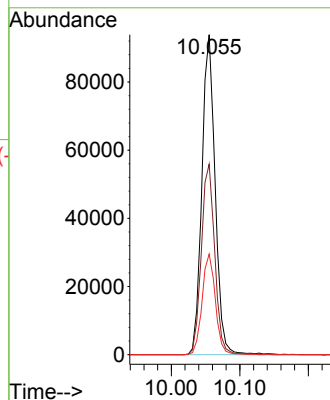
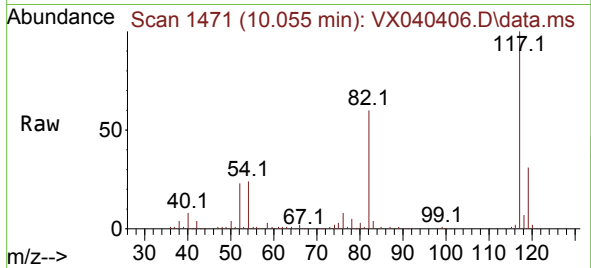




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

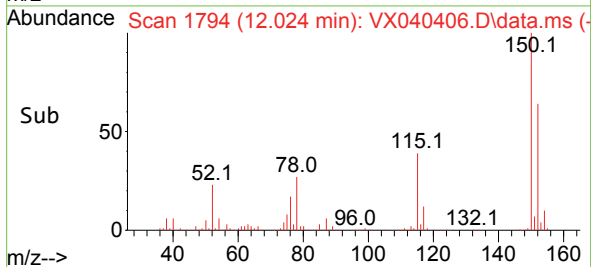
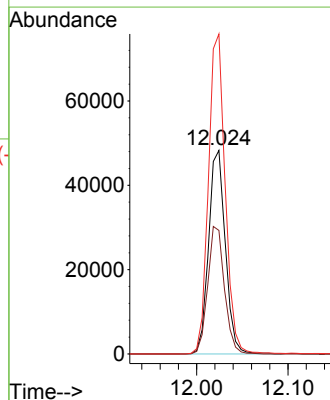
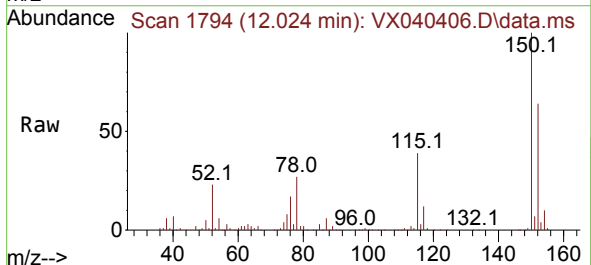
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

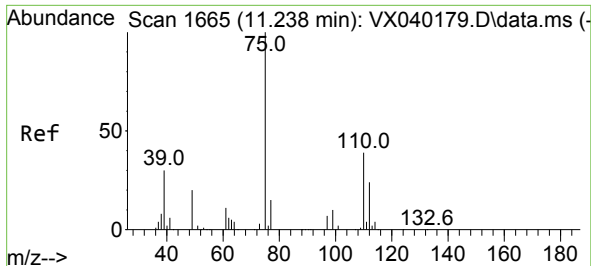
Tgt Ion:117 Resp: 126641
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

Tgt Ion:152 Resp: 61401
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 157.0 0.0 345.0

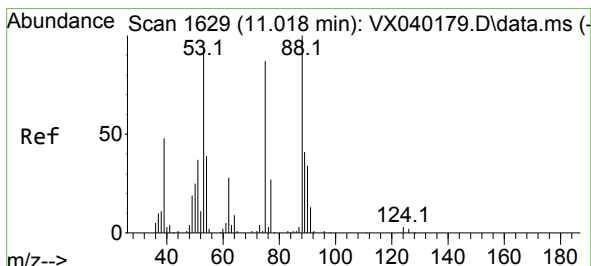
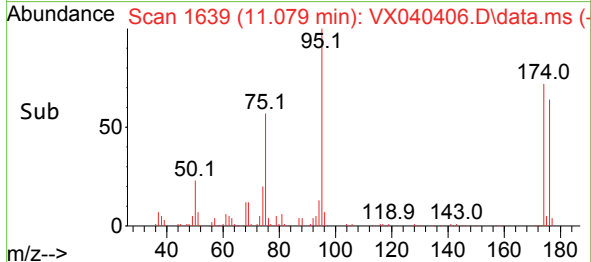
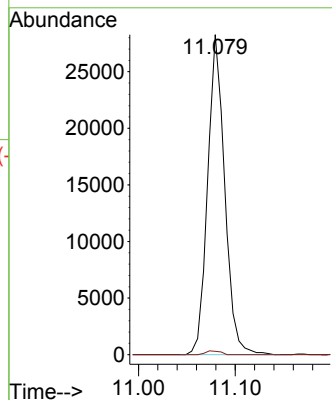
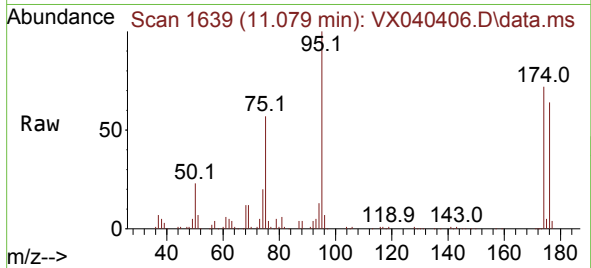




#76
1,2,3-Trichloropropane
Concen: 27.967 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

Tgt Ion: 75 Resp: 34774
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040406.D
Acq: 22 Feb 2024 16:58

Tgt Ion: 75 Resp: 34774
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

