

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040387.D
 Acq On : 21 Feb 2024 17:22
 Operator : JC/MD
 Sample : P1532-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20240216

Quant Time: Feb 22 01:11:37 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)

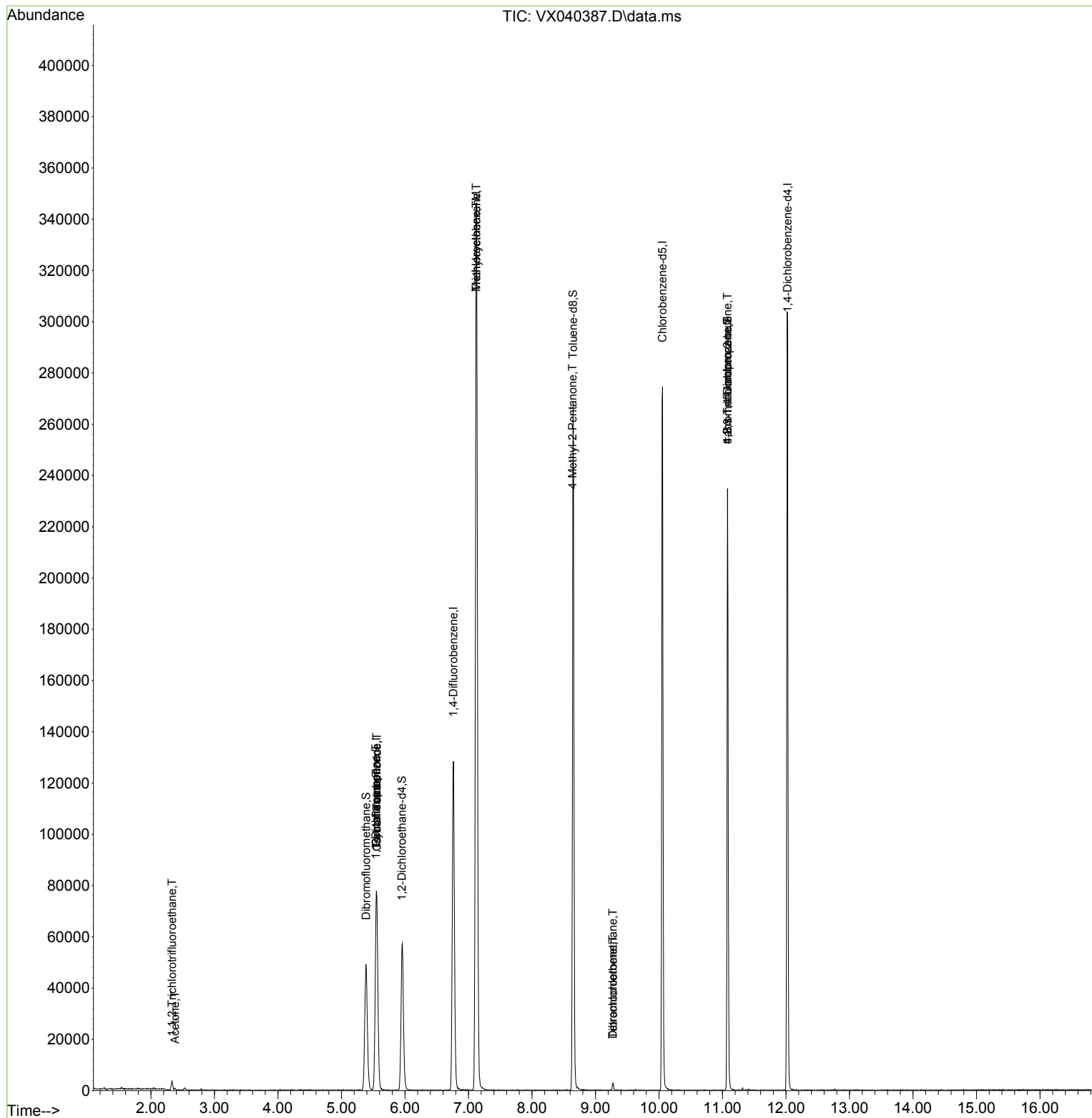
Internal Standards						
1) Pentafluorobenzene	5.550	168	69413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55645	53.885	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.780%
35) Dibromofluoromethane	5.385	113	41518	47.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.647	98	153648	47.371	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.740%
62) 4-Bromofluorobenzene	11.079	95	59522	44.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1284	1.744	ug/l #	88
16) Acetone	2.380	43	921	2.172	ug/l	99
20) Methylene Chloride	2.800	84	166	Below Cal	#	37
31) Cyclohexane	5.550	56	1928	1.565	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	6393	5.263	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7461	6.460	ug/l #	16
39) Methylcyclohexane	7.123	83	1826	1.294	ug/l #	1
44) Trichloroethene	7.123	130	125490	133.935	ug/l	100
51) 4-Methyl-2-Pentanone	8.641	43	769	0.534	ug/l #	1
60) Dibromochloromethane	9.275	129	357	0.369	ug/l #	11
64) Tetrachloroethene	9.275	164	428	0.508	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	32655	26.536	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32655	72.777	ug/l #	5

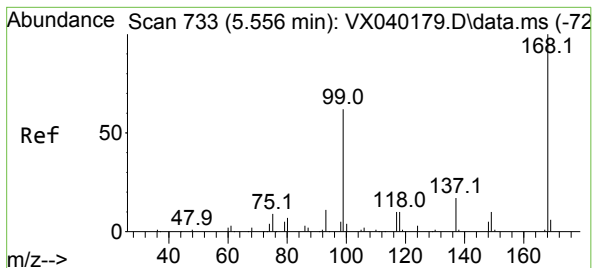
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 12 00:21:14 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX040387.D

Acq: 21 Feb 2024 17:22

Instrument :

MSVOA_X

ClientSampleId :

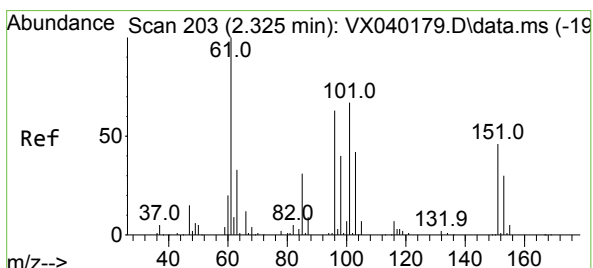
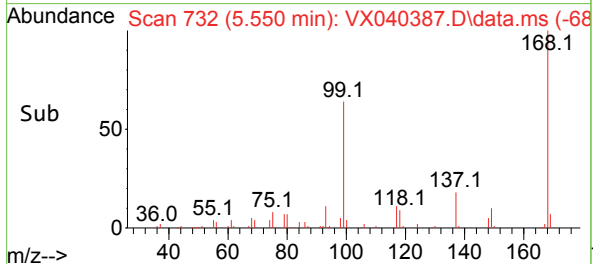
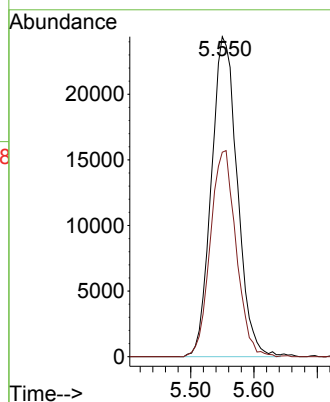
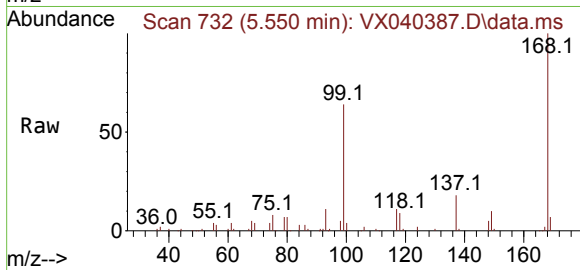
RE103D3-20240216

Tgt Ion:168 Resp: 69413

Ion Ratio Lower Upper

168 100

99 63.9 56.6 85.0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.744 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX040387.D

Acq: 21 Feb 2024 17:22

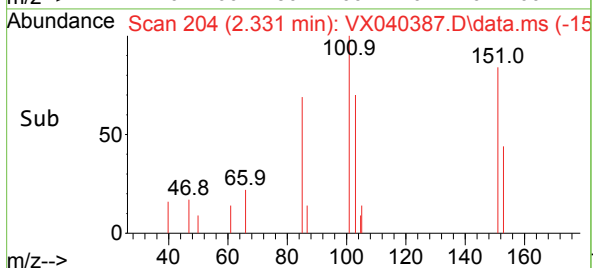
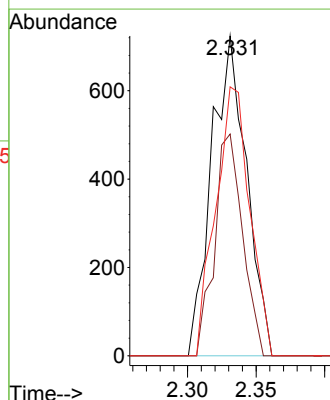
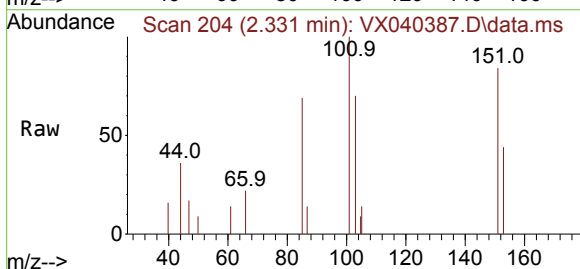
Tgt Ion:101 Resp: 1284

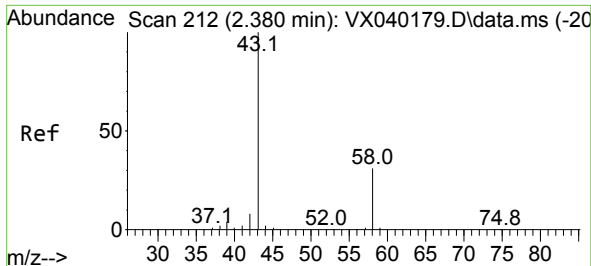
Ion Ratio Lower Upper

101 100

85 55.6 37.0 55.6#

151 82.1 58.6 87.8

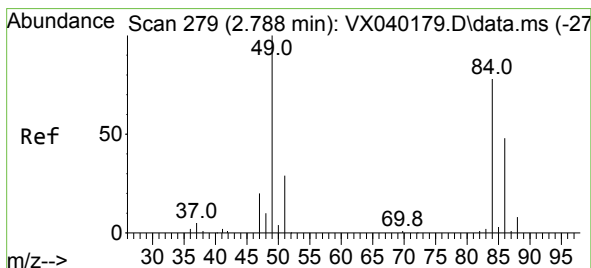
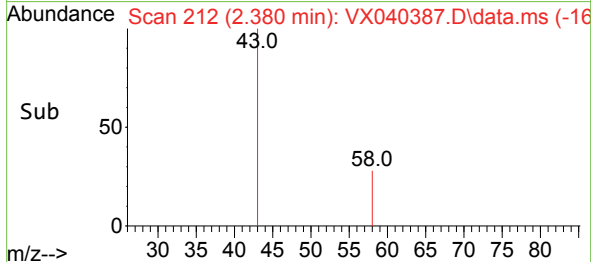
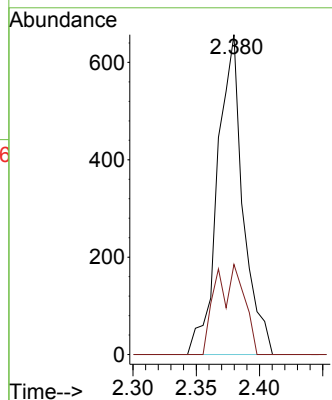
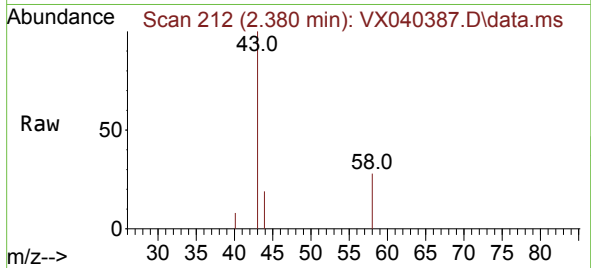




#16
Acetone
Concen: 2.172 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

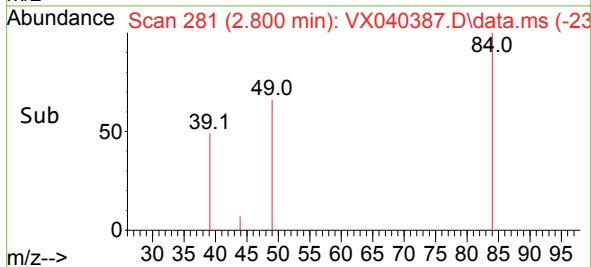
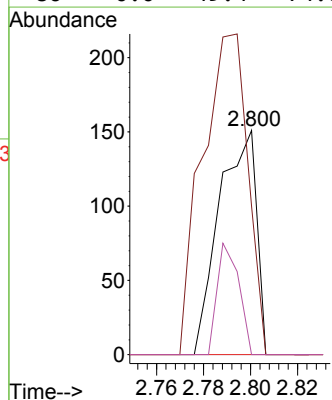
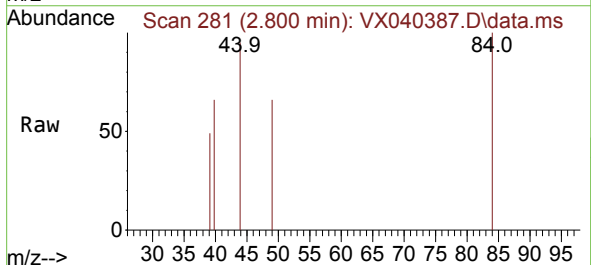
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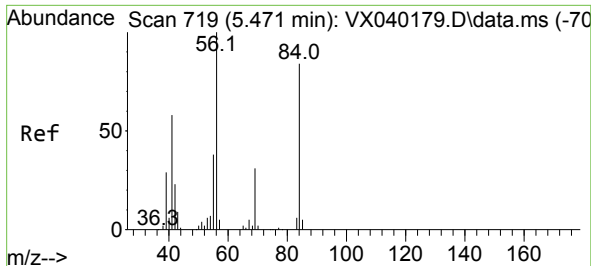
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

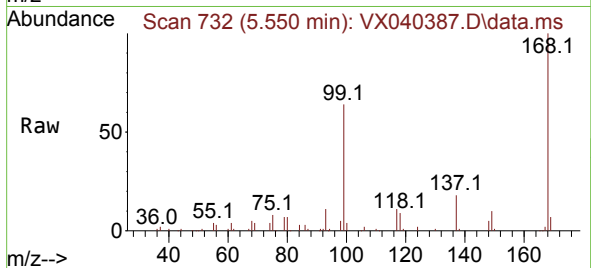
Tgt Ion: 84 Resp: 166
Ion Ratio Lower Upper
84 100
49 66.2 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



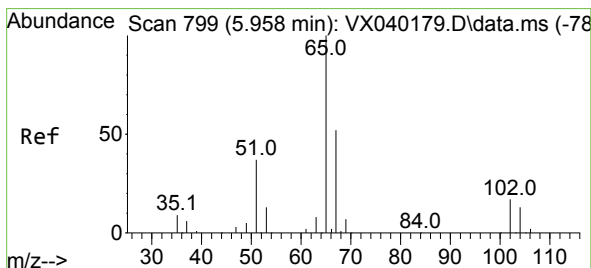
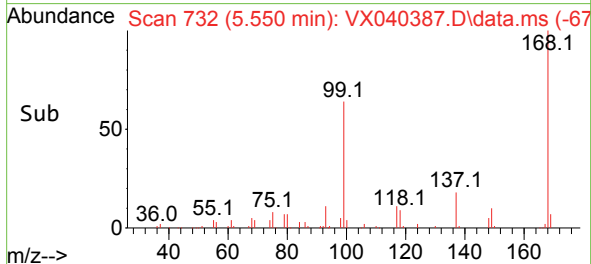
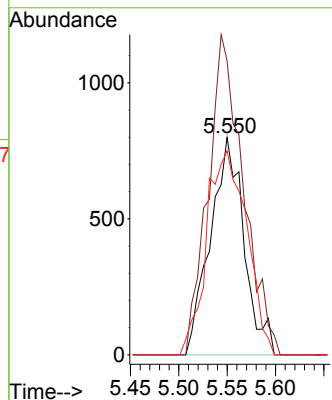


#31
Cyclohexane
Concen: 1.565 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20240216

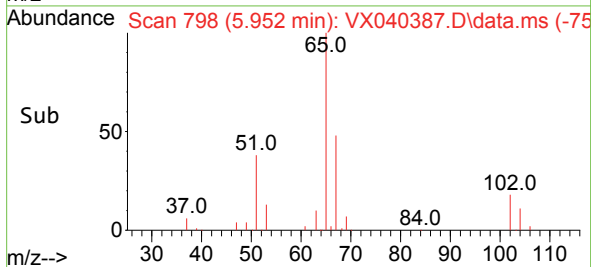
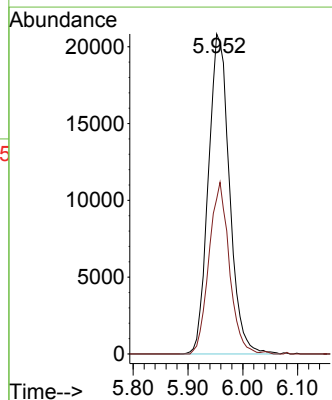
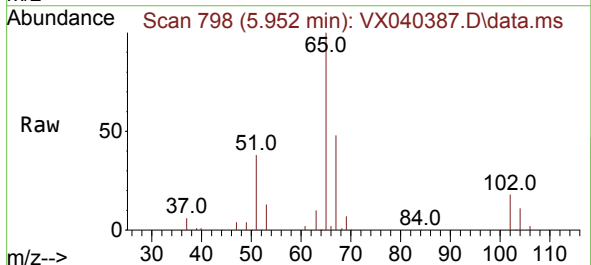


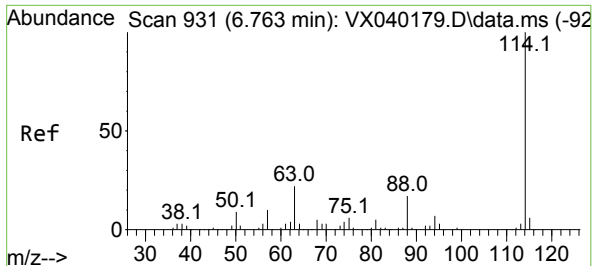
Tgt Ion: 56 Resp: 1928
Ion Ratio Lower Upper
56 100
69 135.3 23.4 35.2#
84 93.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 53.885 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

Tgt Ion: 65 Resp: 55645
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

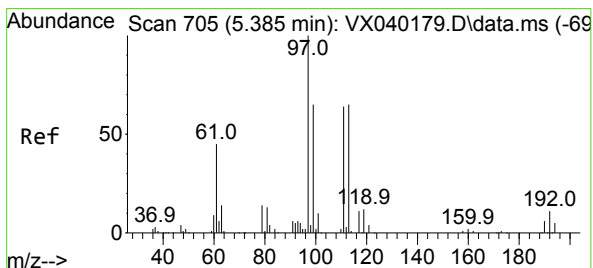
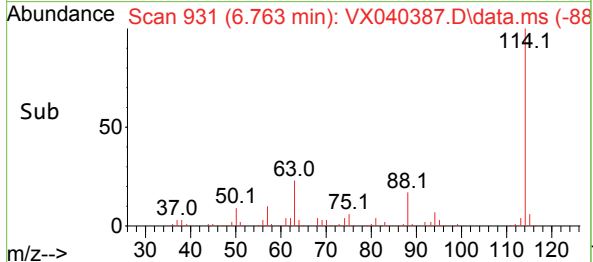
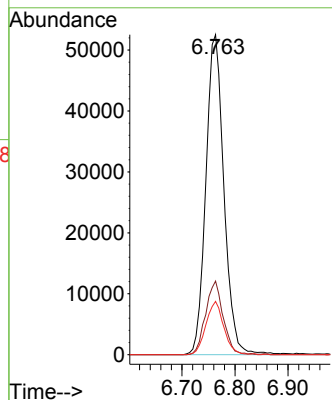
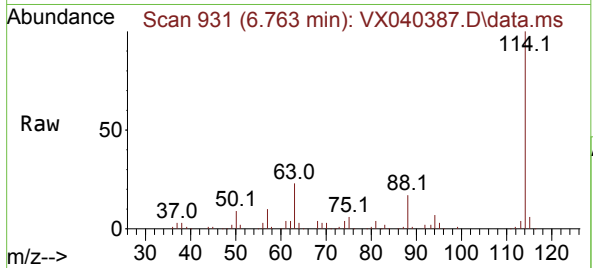




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

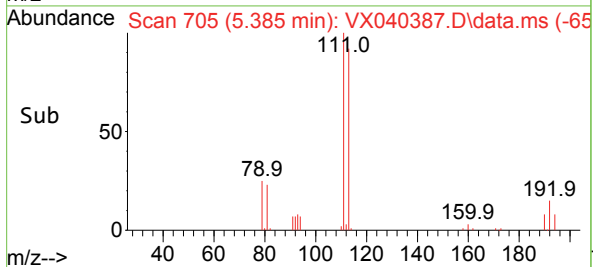
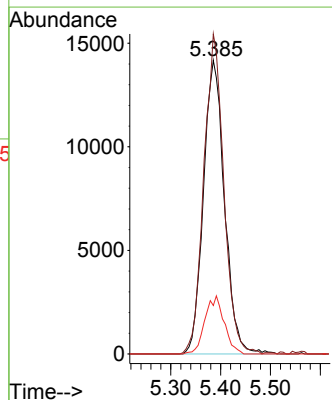
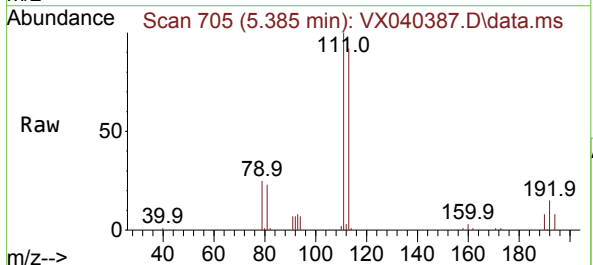
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20240216

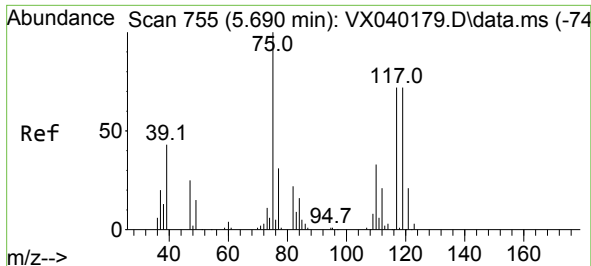
Tgt Ion:114 Resp: 124163
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.882 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

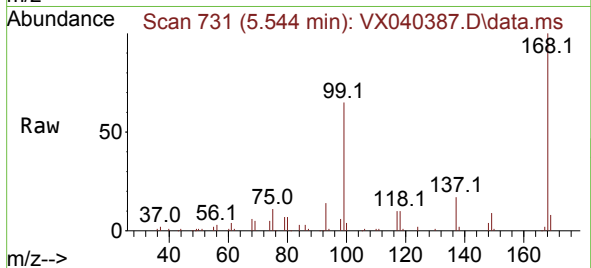
Tgt Ion:113 Resp: 41518
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.1 13.3 19.9



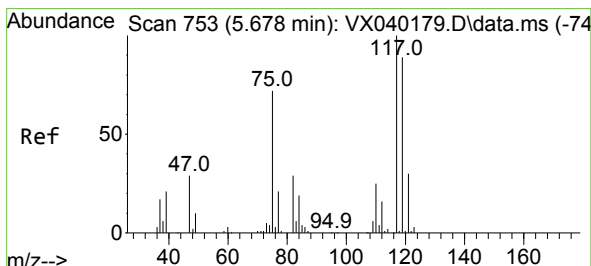
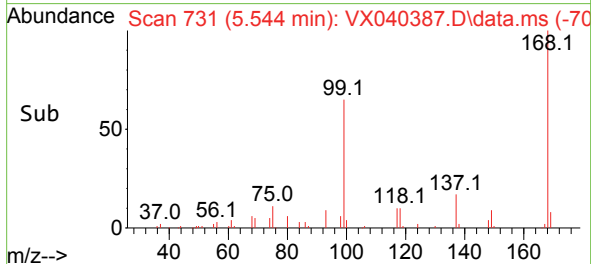
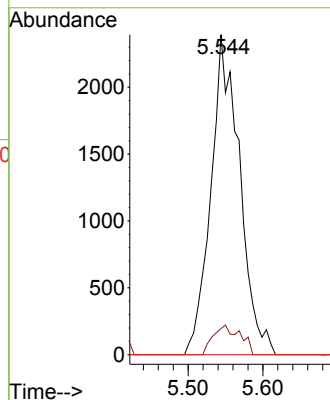


#36
1,1-Dichloropropene
Concen: 5.263 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.152 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20240216

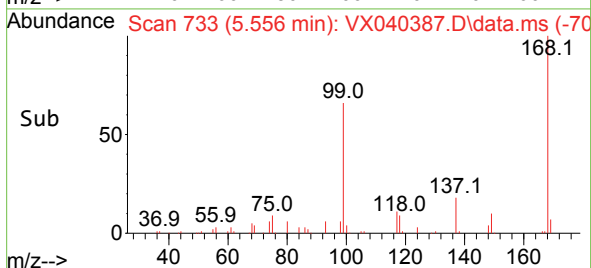
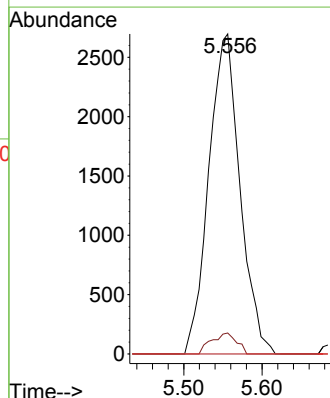
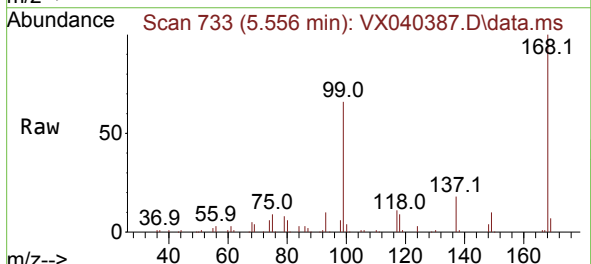


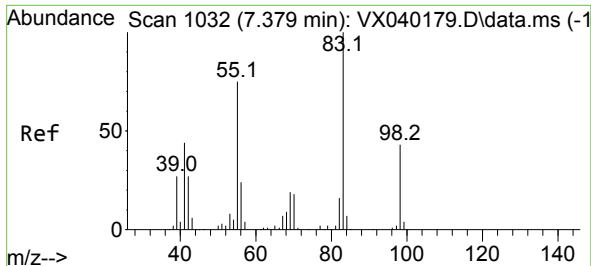
Tgt Ion: 75 Resp: 6393
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

Tgt Ion: 117 Resp: 7461
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 1.294 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX040387.D

Acq: 21 Feb 2024 17:22

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20240216

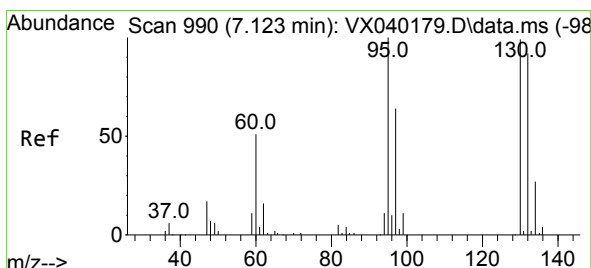
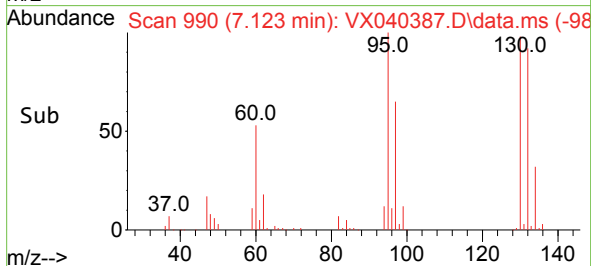
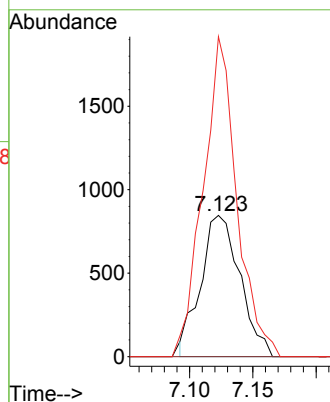
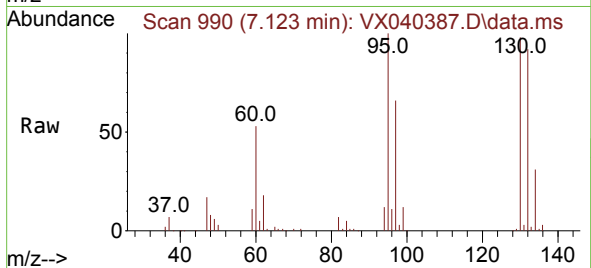
Tgt Ion: 83 Resp: 1826

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 226.6 36.7 55.1#



#44

Trichloroethene

Concen: 133.935 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040387.D

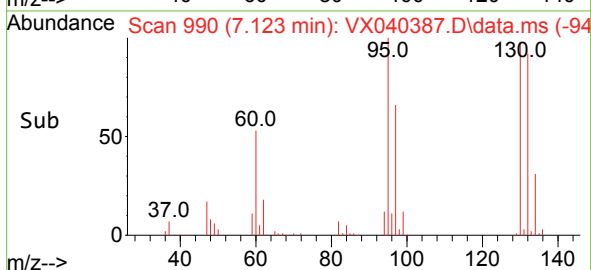
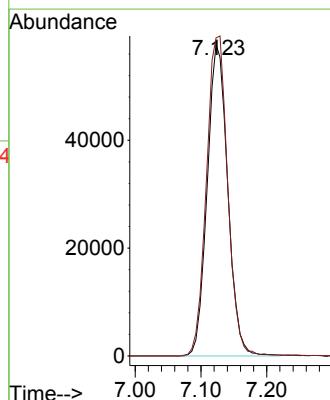
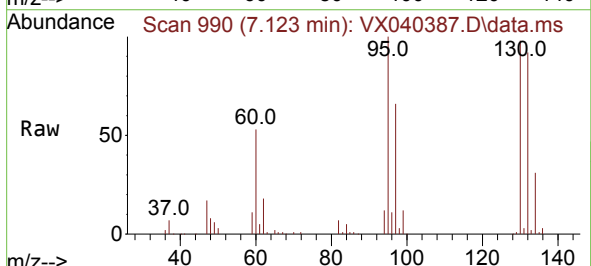
Acq: 21 Feb 2024 17:22

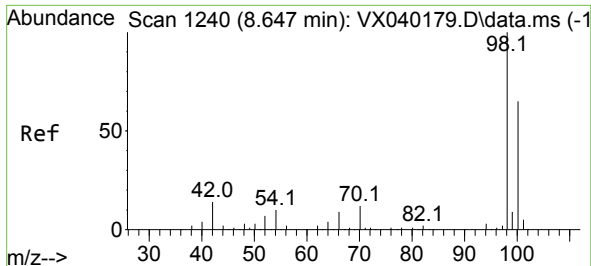
Tgt Ion:130 Resp: 125490

Ion Ratio Lower Upper

130 100

95 102.1 0.0 204.4

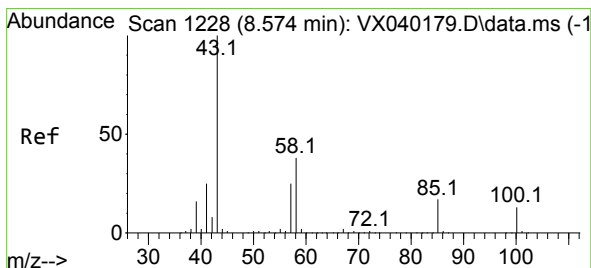
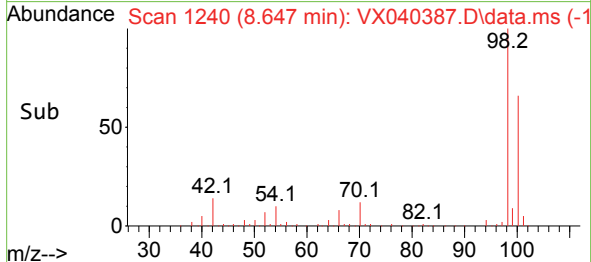
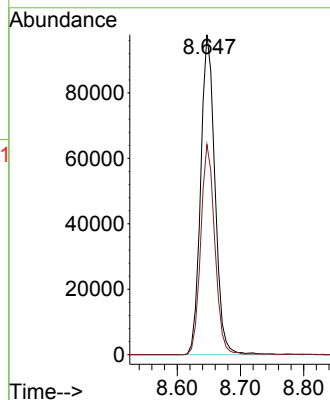
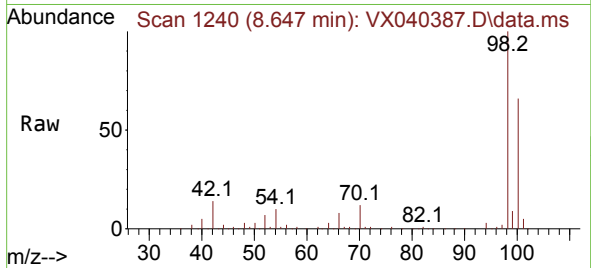




#50
Toluene-d8
Concen: 47.371 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

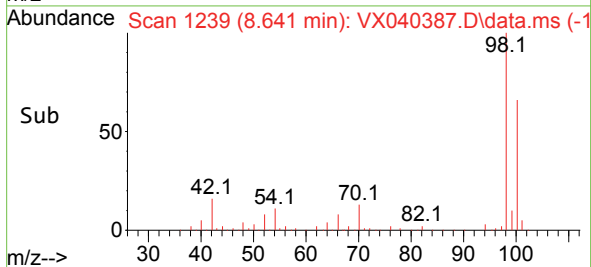
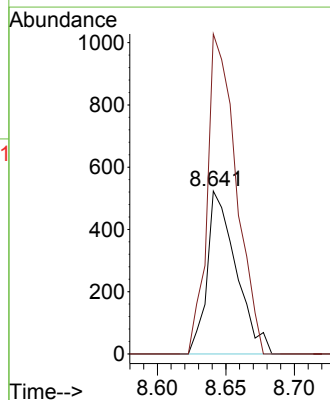
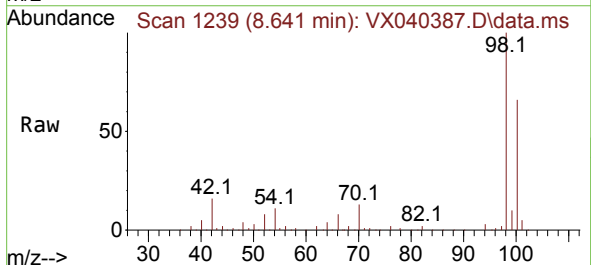
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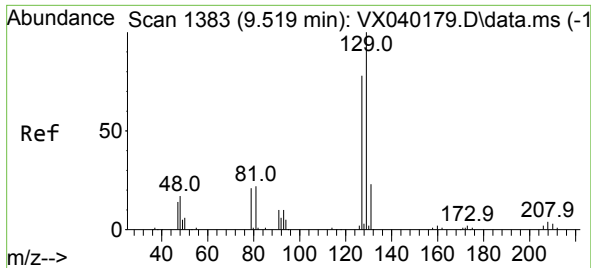
Tgt Ion: 98 Resp: 153648
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 195.6 30.4 45.6#

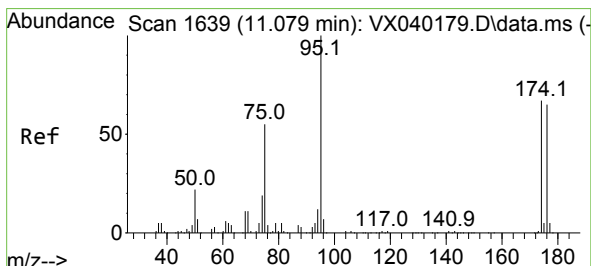
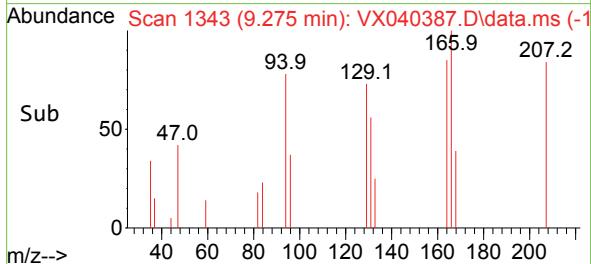
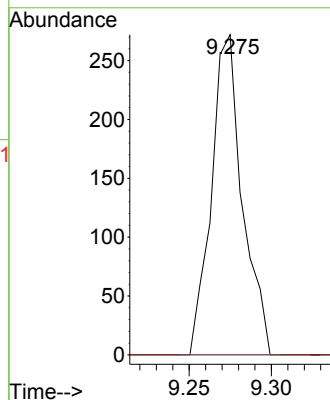
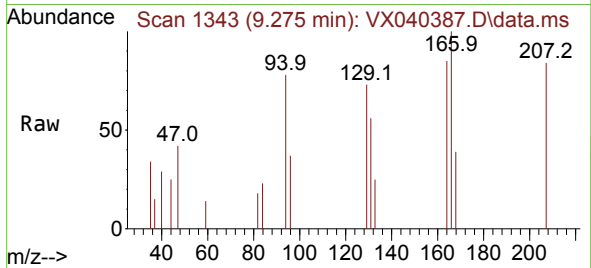




#60
 Dibromochloromethane
 Concen: 0.369 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.244 min
 Lab File: VX040387.D
 Acq: 21 Feb 2024 17:22

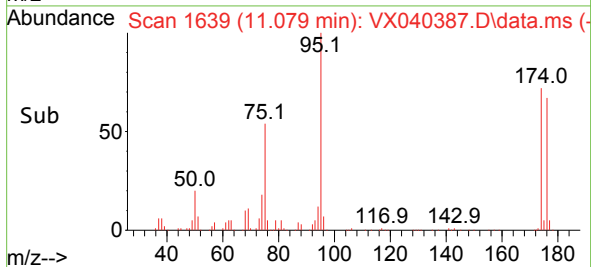
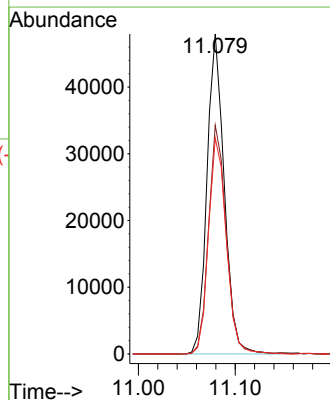
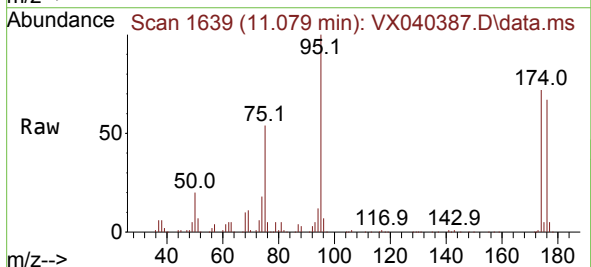
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20240216

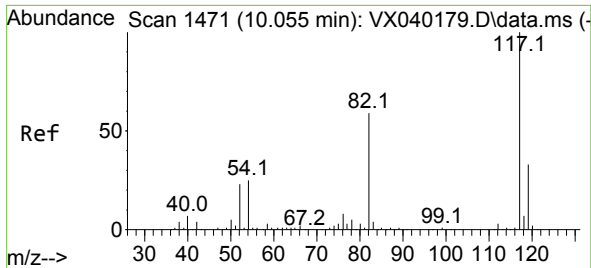
Tgt Ion:129 Resp: 357
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#



#62
 4-Bromofluorobenzene
 Concen: 44.996 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX040387.D
 Acq: 21 Feb 2024 17:22

Tgt Ion: 95 Resp: 59522
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 135.6
 176 69.7 0.0 131.0

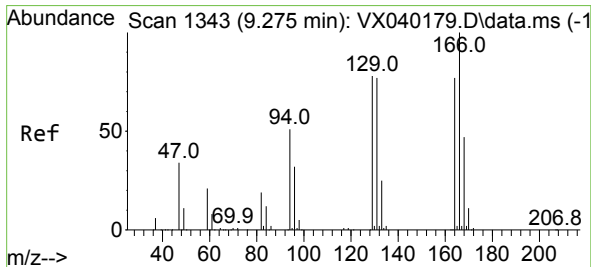
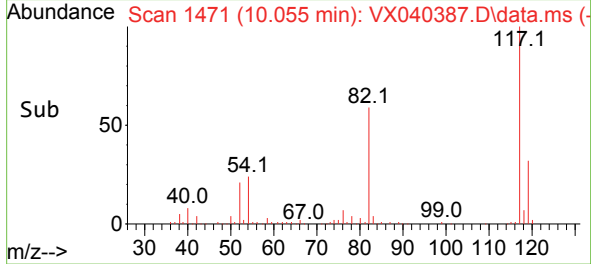
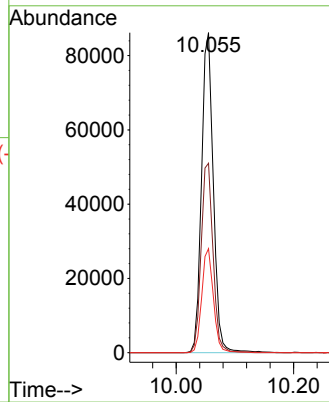
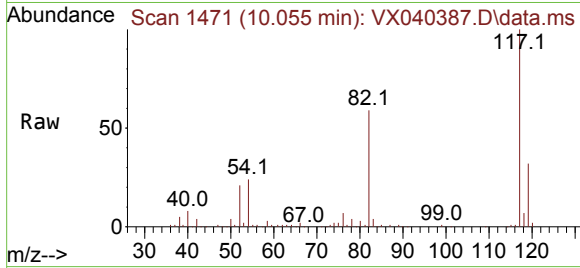




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

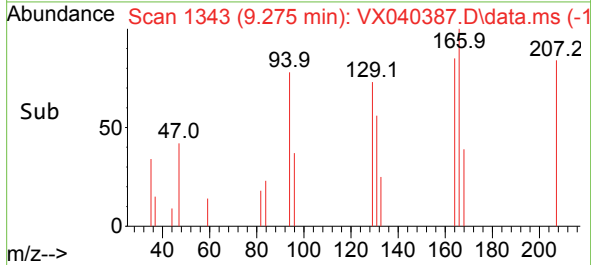
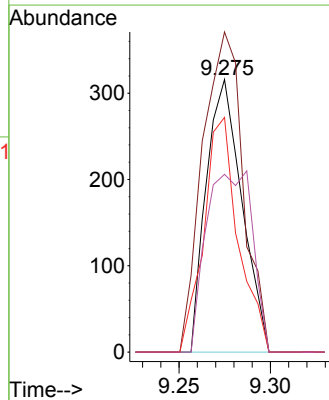
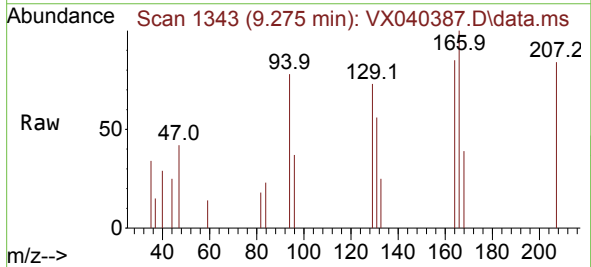
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20240216

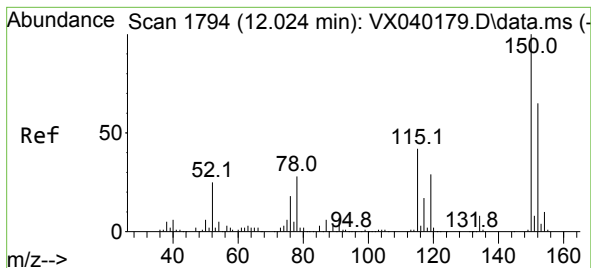
Tgt Ion:117	Resp:	120304
Ion	Ratio	Lower Upper
117	100	
82	59.2	46.2 69.4
119	32.5	25.5 38.3



#64
Tetrachloroethene
Concen: 0.508 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040387.D
Acq: 21 Feb 2024 17:22

Tgt Ion:164	Resp:	428
Ion	Ratio	Lower Upper
164	100	
166	117.4	102.7 154.1
129	86.1	80.4 120.6
131	65.2	76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040387.D

Acq: 21 Feb 2024 17:22

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20240216

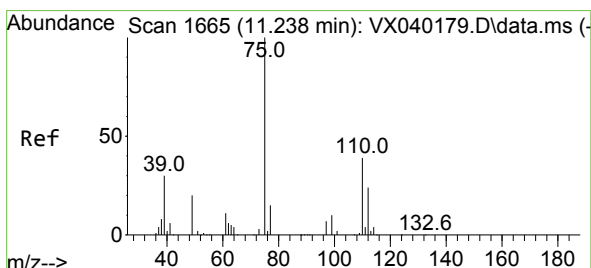
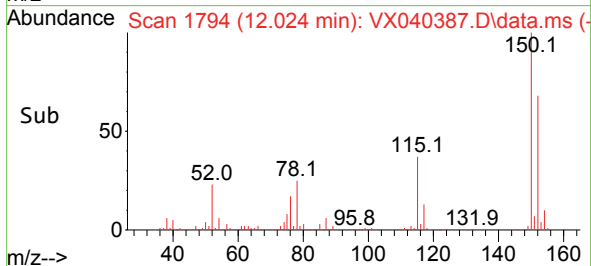
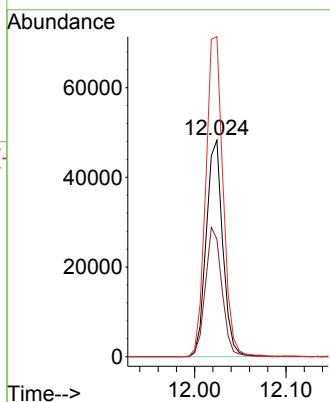
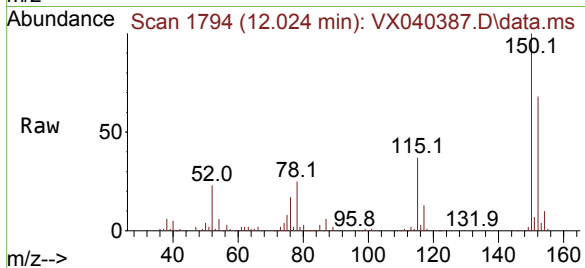
Tgt Ion:152 Resp: 60768

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 154.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.536 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040387.D

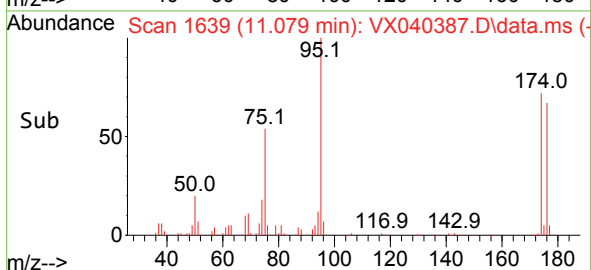
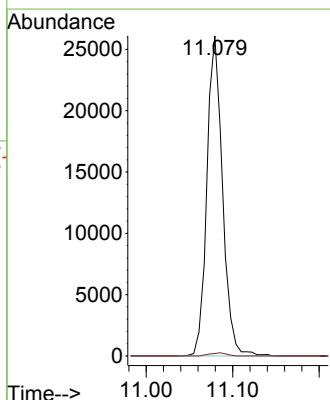
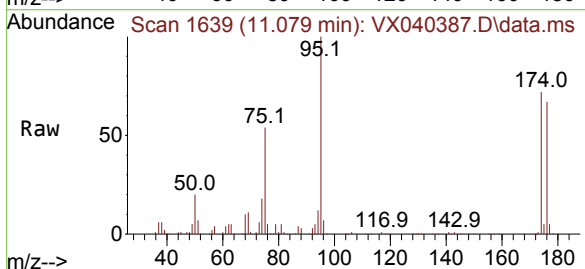
Acq: 21 Feb 2024 17:22

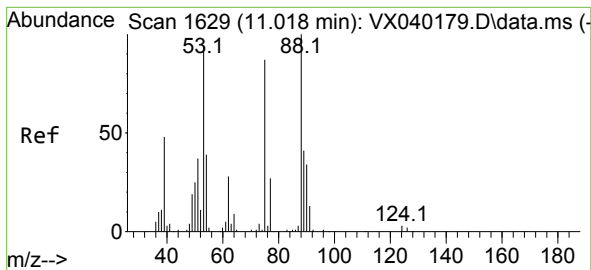
Tgt Ion: 75 Resp: 32655

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.777 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040387.D
 Acq: 21 Feb 2024 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20240216

Tgt Ion: 75 Resp: 32655
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

