

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040404.D
 Acq On : 22 Feb 2024 16:12
 Operator : JC/MD
 Sample : P1532-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20240216

Quant Time: Feb 23 00:09:07 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)

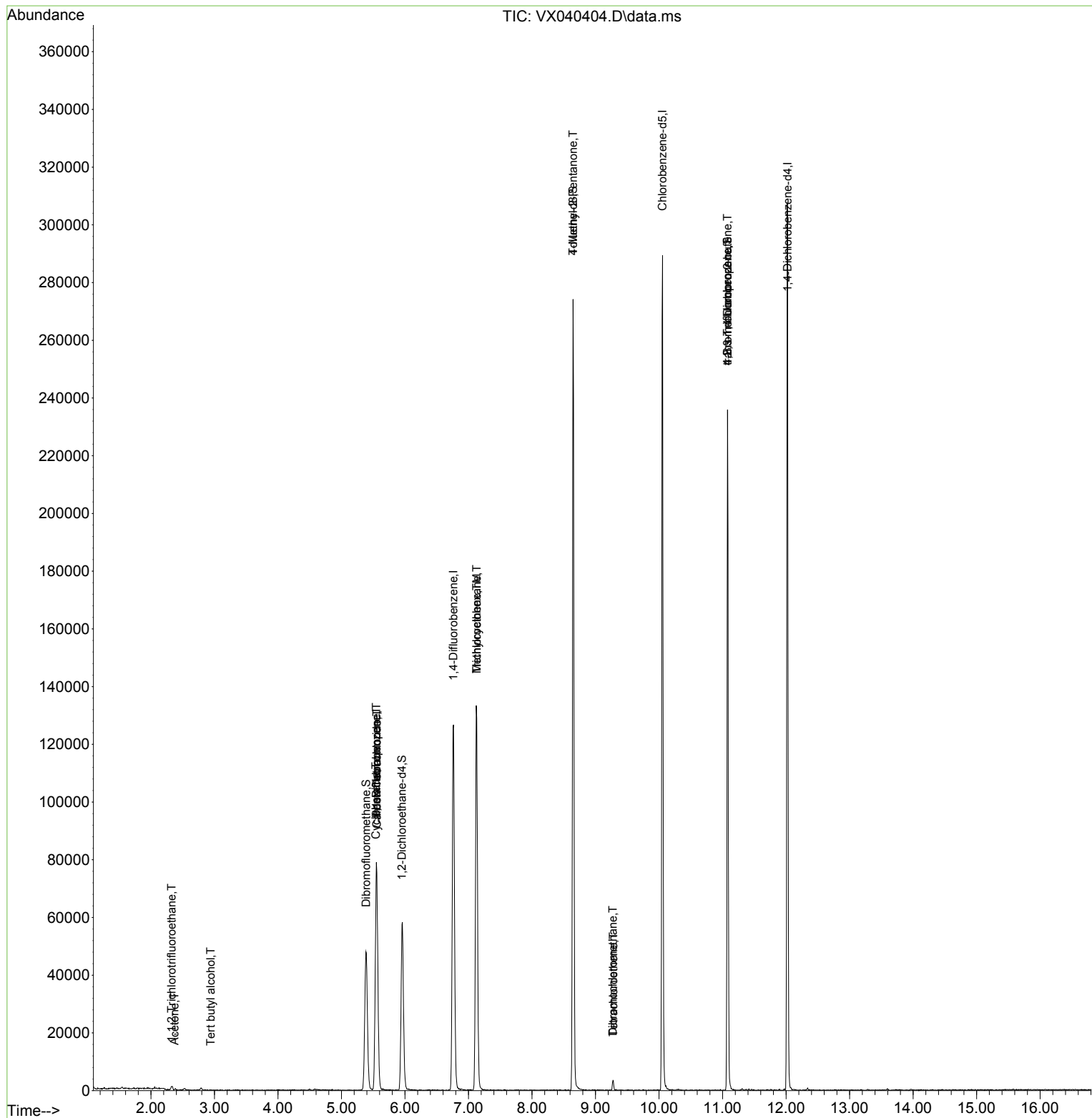
Internal Standards						
1) Pentafluorobenzene	5.550	168	68736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56215	54.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.940%	
35) Dibromofluoromethane	5.385	113	41126	47.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.140%	
50) Toluene-d8	8.647	98	154823	47.369	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.740%	
62) 4-Bromofluorobenzene	11.079	95	59322	44.502	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.000%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	662	0.908	ug/l #	89
11) Tert butyl alcohol	2.941	59	58	0.291	ug/l #	78
16) Acetone	2.368	43	379	0.902	ug/l #	47
20) Methylene Chloride	2.788	84	343	Below Cal	#	57
31) Cyclohexane	5.544	56	1879	1.541	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	6597	5.390	ug/l #	51
38) Carbon Tetrachloride	5.556	117	7579	6.512	ug/l #	15
39) Methylcyclohexane	7.129	83	716	0.503	ug/l #	1
44) Trichloroethene	7.129	130	48360	51.220	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	876	0.603	ug/l #	1
60) Dibromochloromethane	9.275	129	689	0.707	ug/l #	11
64) Tetrachloroethene	9.281	164	614	0.715	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	33947	27.569	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33947	75.469	ug/l #	5

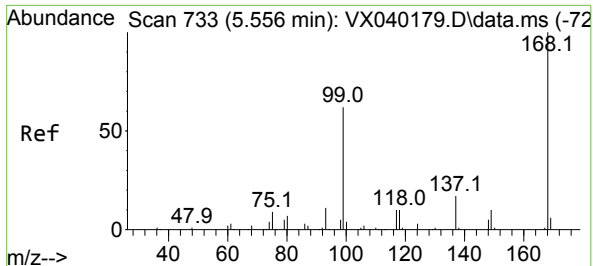
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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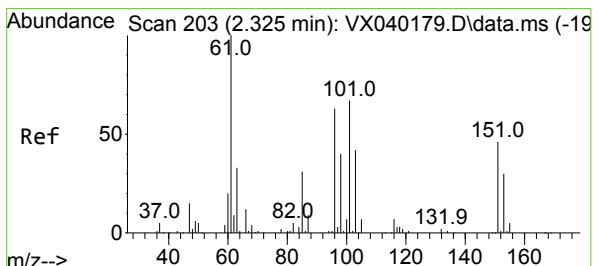
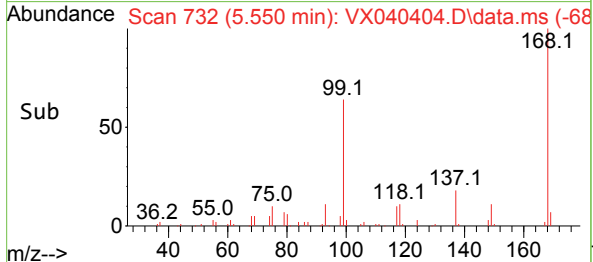
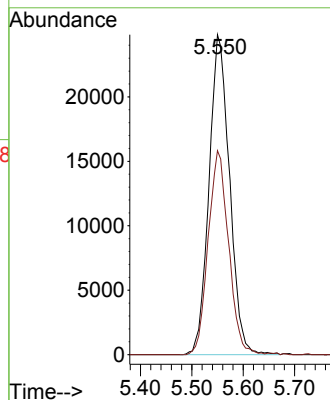
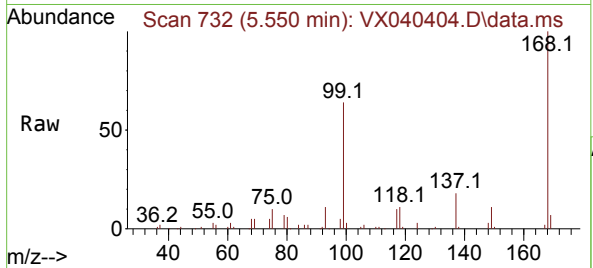




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

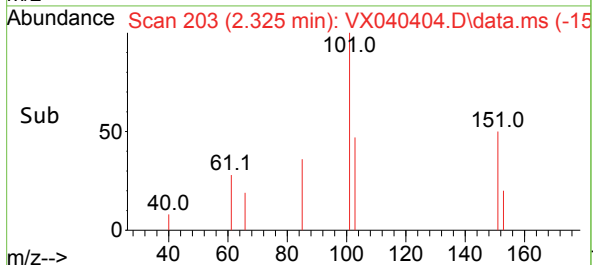
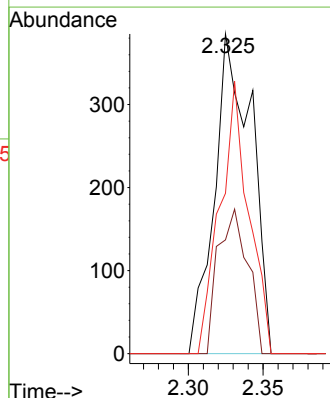
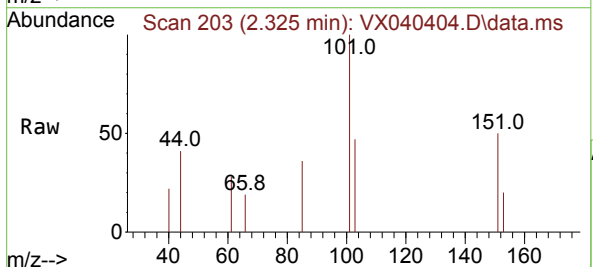
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

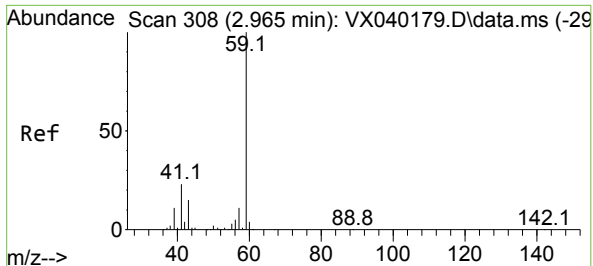
Tgt Ion:168 Resp: 68736
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.908 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion:101 Resp: 662
Ion Ratio Lower Upper
101 100
85 36.1 37.0 55.6#
151 66.2 58.6 87.8

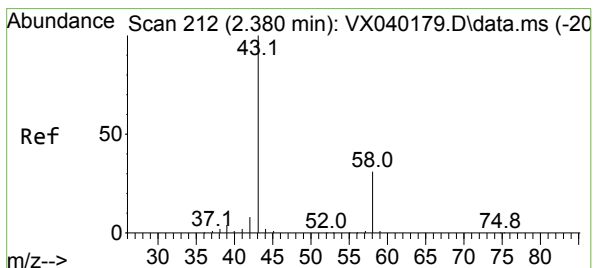
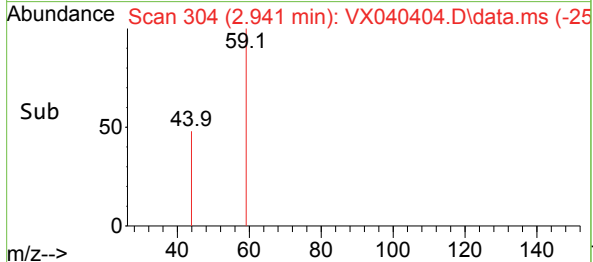
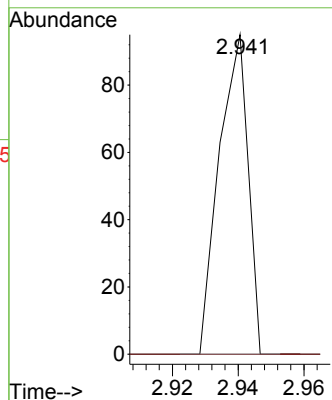
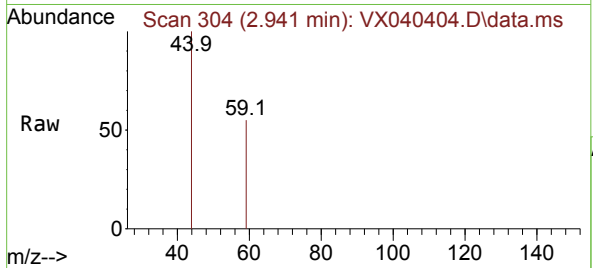




#11
Tert butyl alcohol
Concen: 0.291 ug/l
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

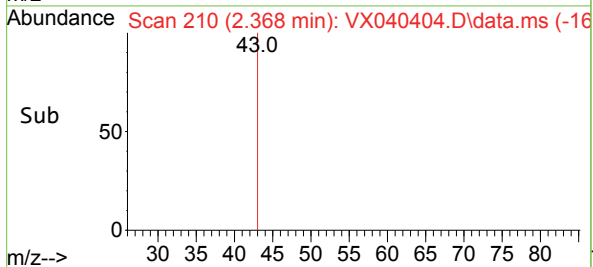
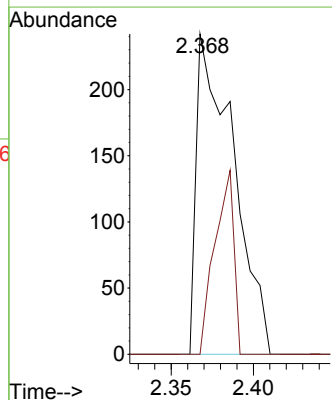
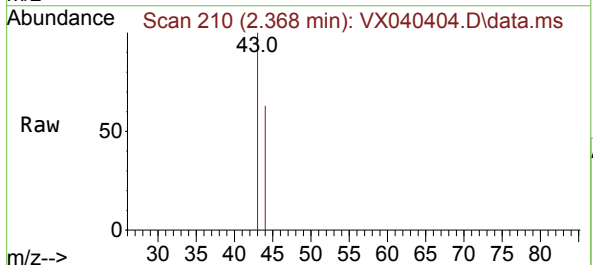
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

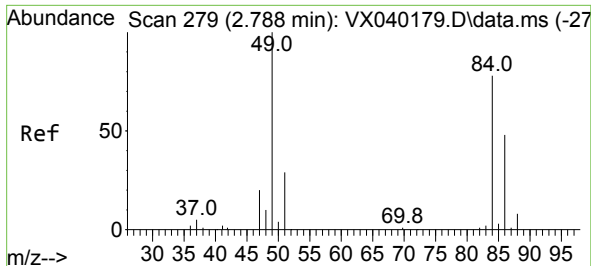
Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 0.902 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.012 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

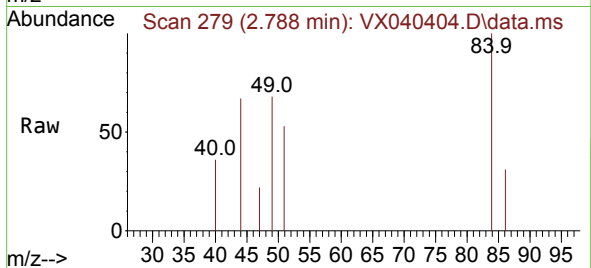
Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





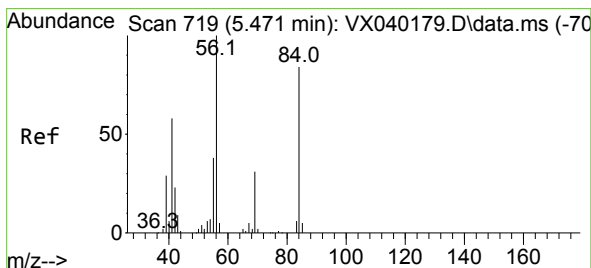
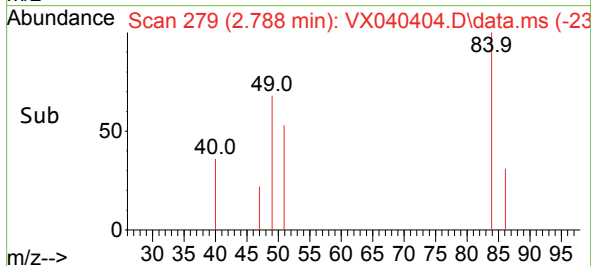
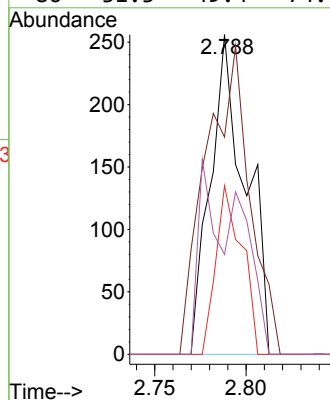
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216



Tgt Ion: 84 Resp: 343

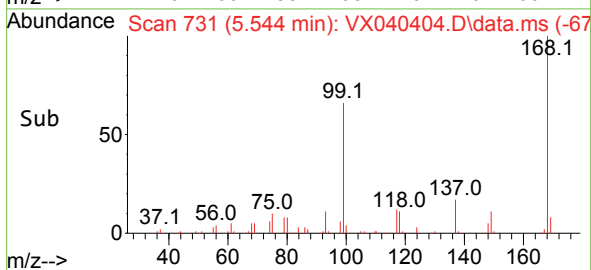
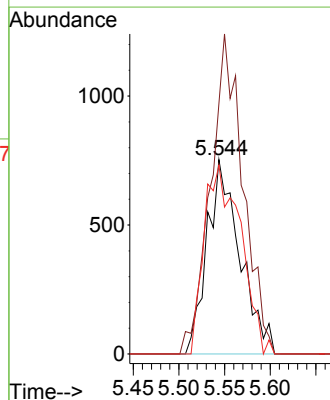
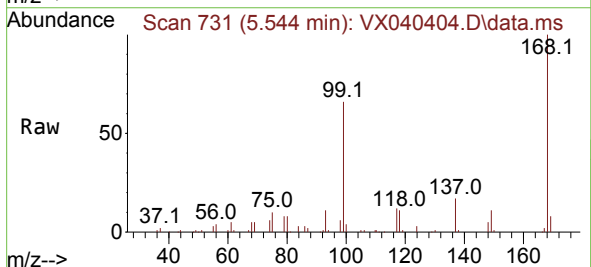
Ion	Ratio	Lower	Upper
84	100		
49	68.0	103.6	155.4#
51	52.7	33.8	50.6#
86	31.3	49.4	74.0#

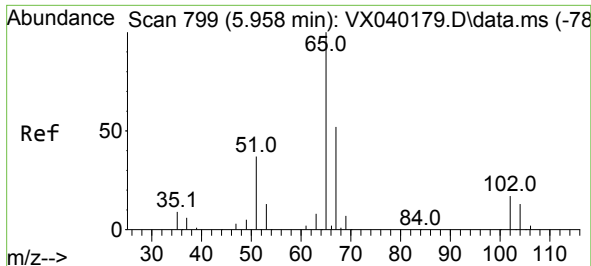


#31
Cyclohexane
Concen: 1.541 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion: 56 Resp: 1879

Ion	Ratio	Lower	Upper
56	100		
69	128.8	23.4	35.2#
84	97.1	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 54.973 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040404.D

Acq: 22 Feb 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

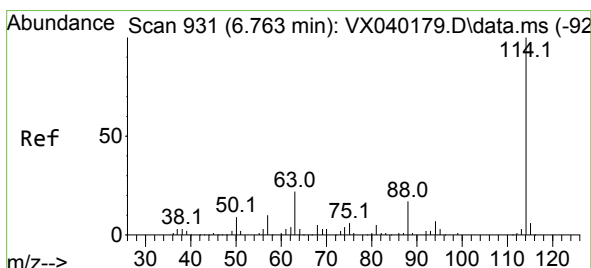
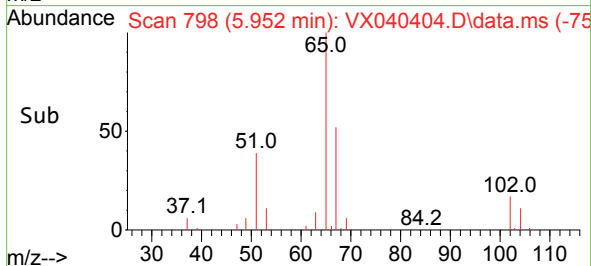
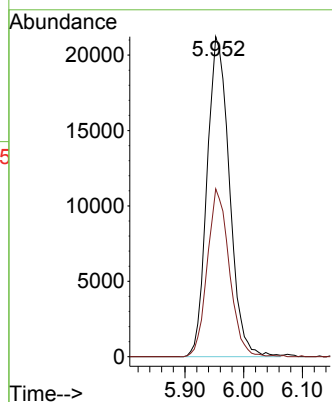
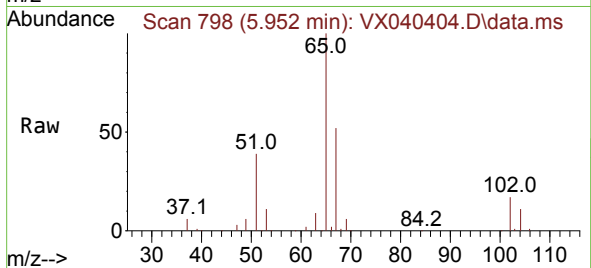
RE103D1-20240216

Tgt Ion: 65 Resp: 56215

Ion Ratio Lower Upper

65 100

67 51.4 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: VX040404.D

Acq: 22 Feb 2024 16:12

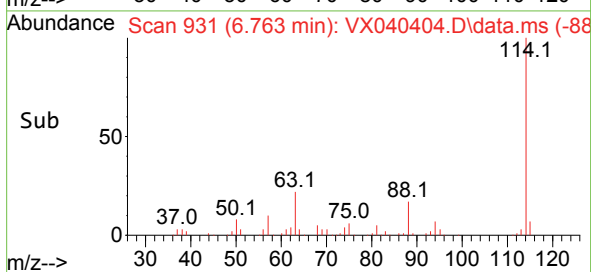
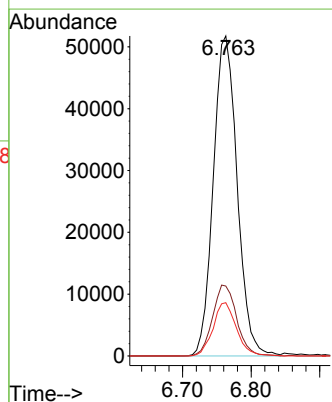
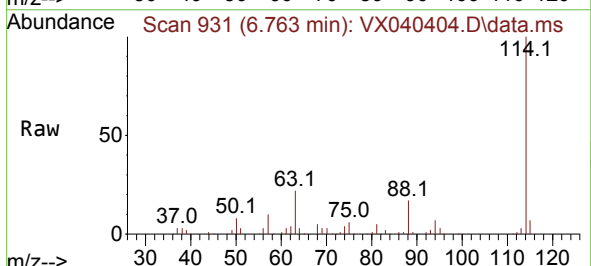
Tgt Ion: 114 Resp: 125118

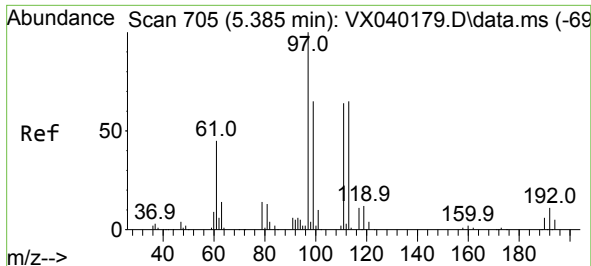
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

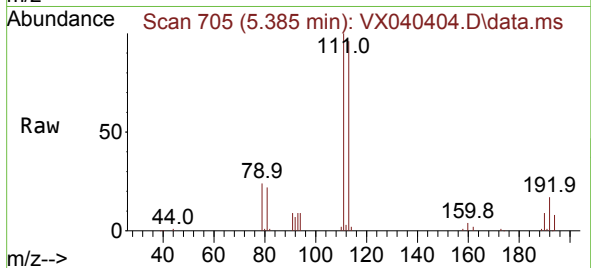
88 16.6 0.0 36.6



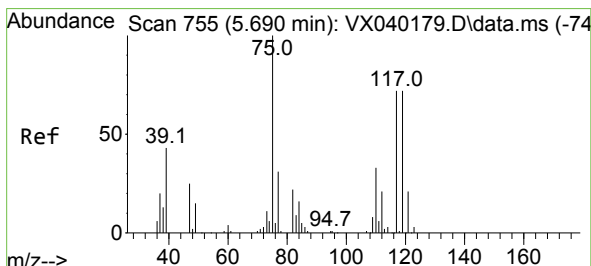
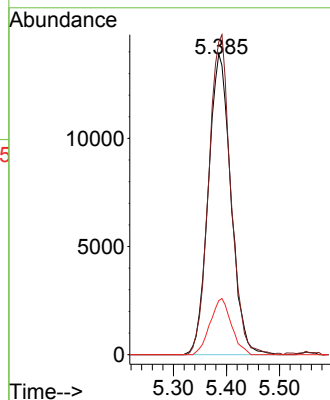
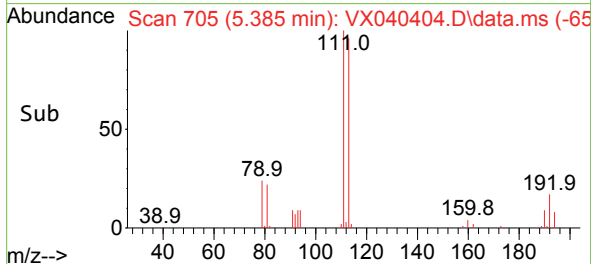


#35
Dibromofluoromethane
Concen: 47.068 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

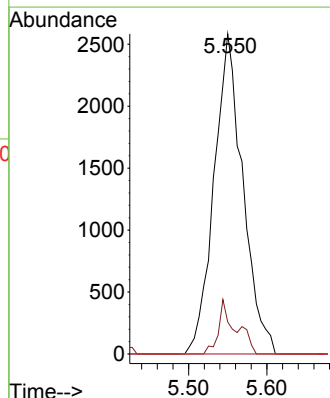
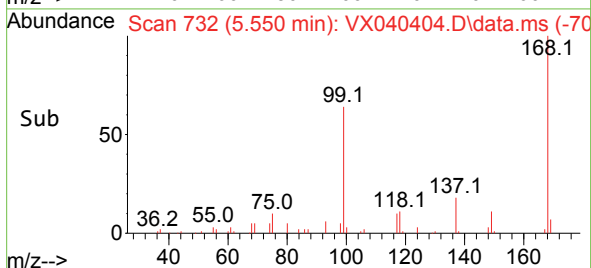
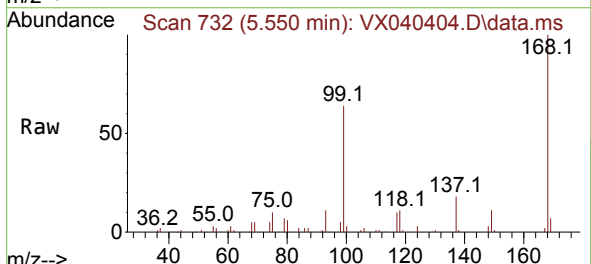


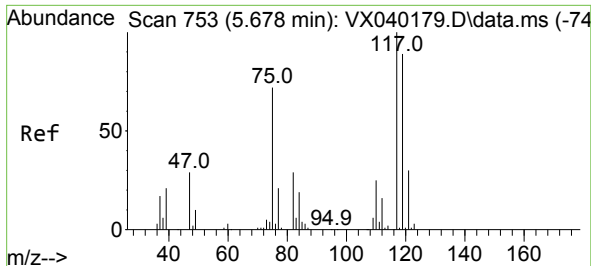
Tgt Ion:113 Resp: 41126
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.390 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

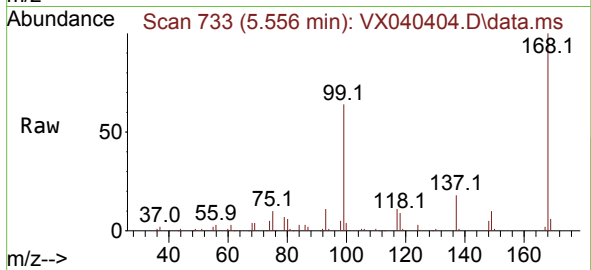
Tgt Ion: 75 Resp: 6597
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



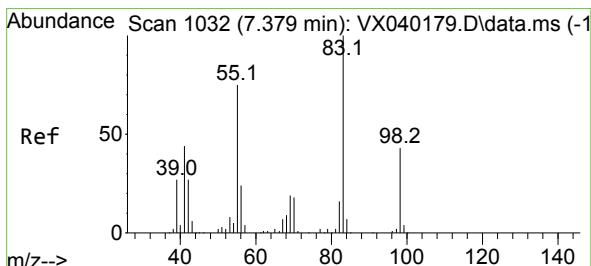
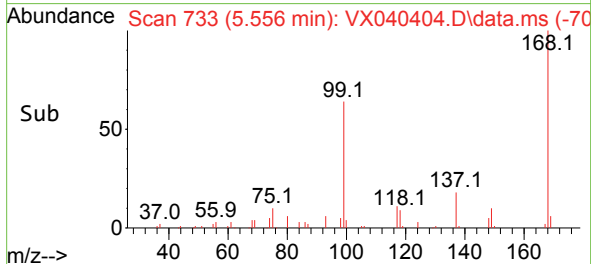
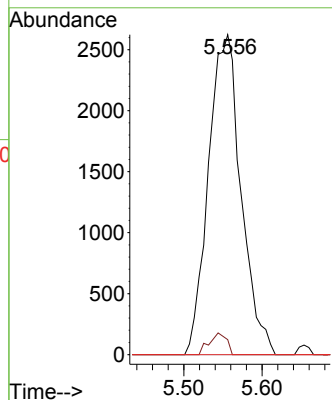


#38
Carbon Tetrachloride
Concen: 6.512 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

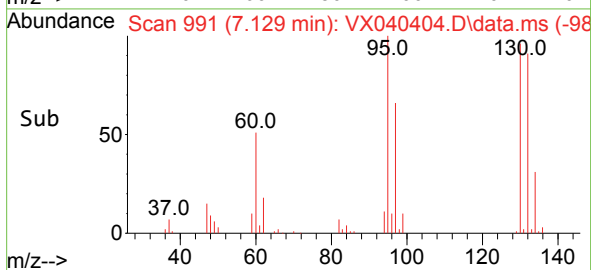
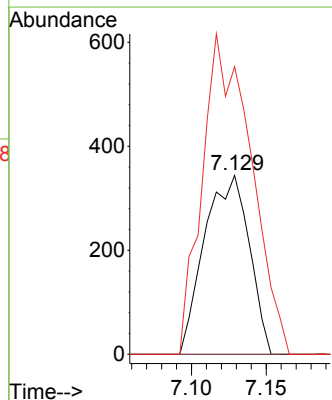
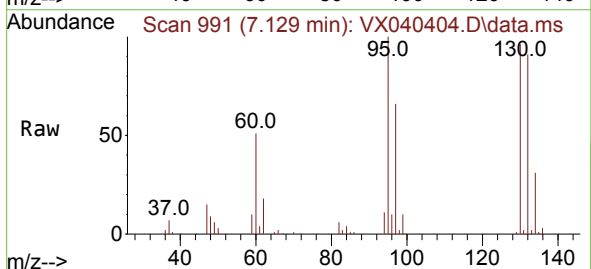


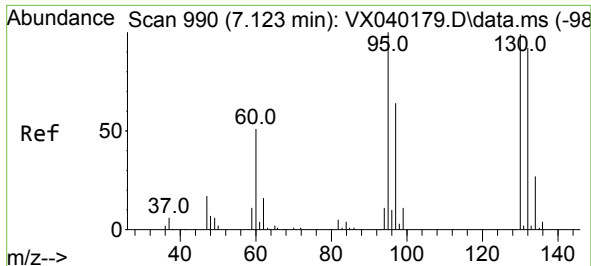
Tgt Ion:117 Resp: 7579
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.503 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion: 83 Resp: 716
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 160.8 36.7 55.1#

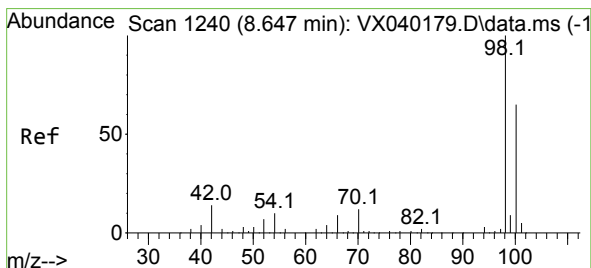
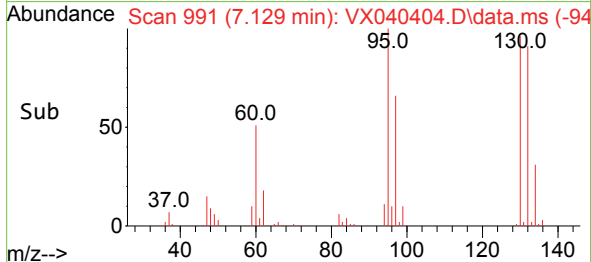
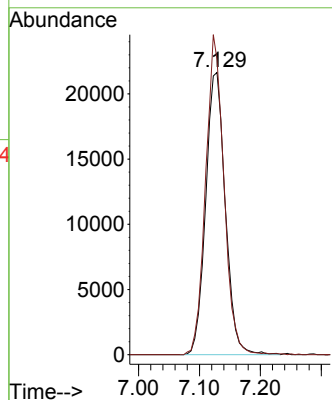
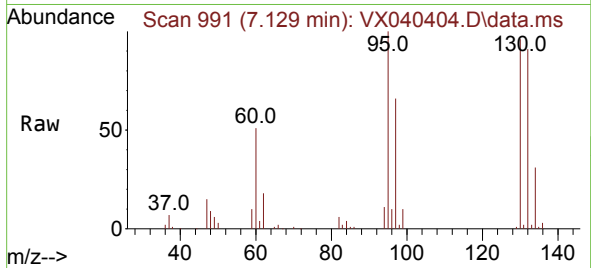




#44
Trichloroethene
Concen: 51.220 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

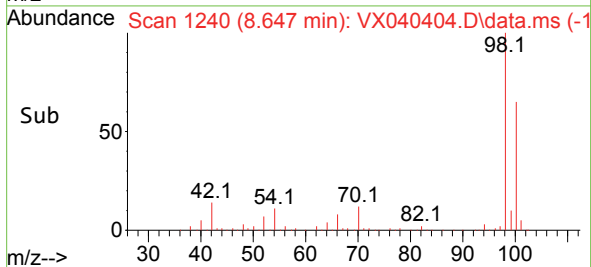
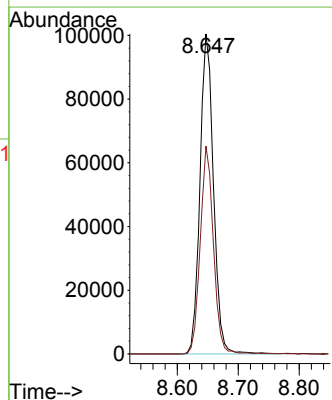
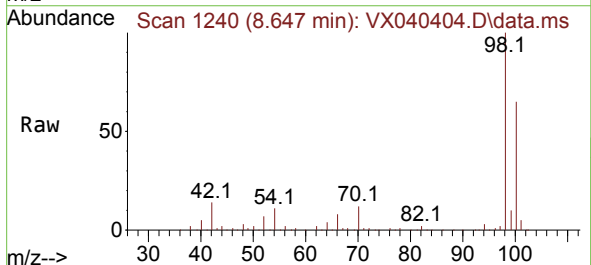
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

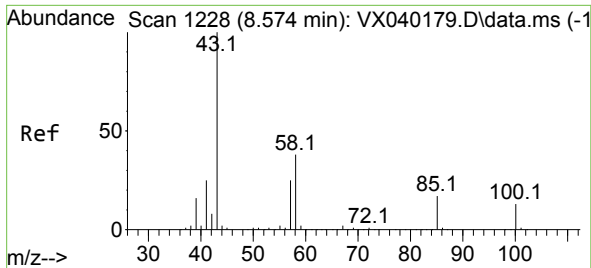
Tgt Ion:130 Resp: 48360
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.4



#50
Toluene-d8
Concen: 47.369 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion: 98 Resp: 154823
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

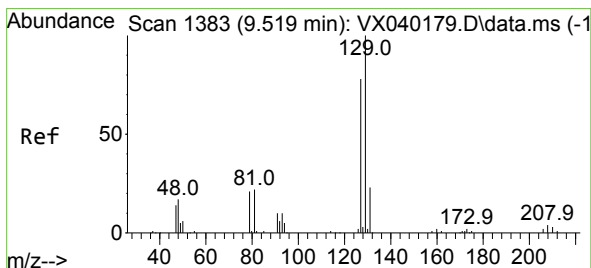
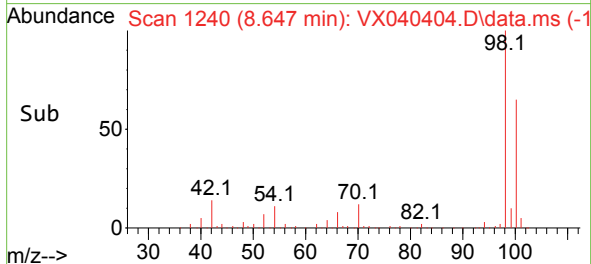
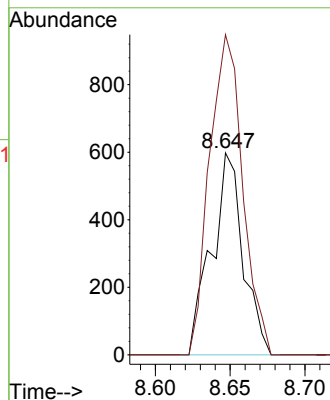
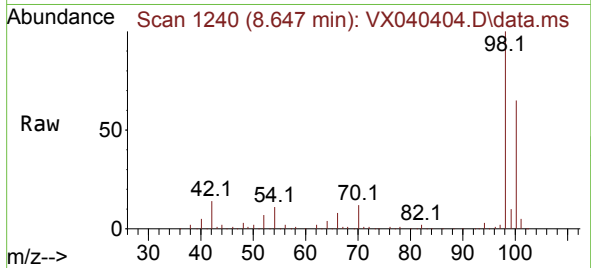




#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

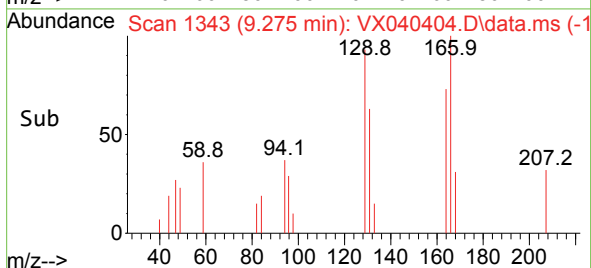
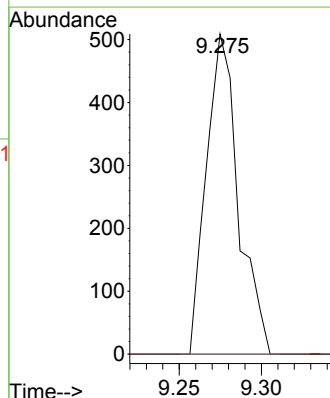
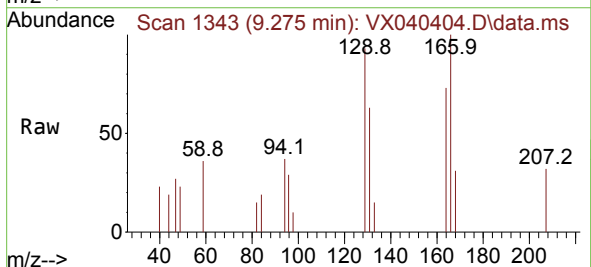
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

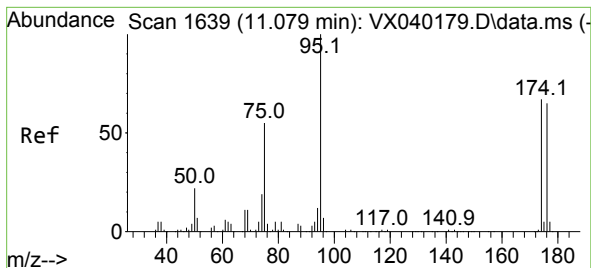
Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 167.2 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.707 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion: 129 Resp: 689
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

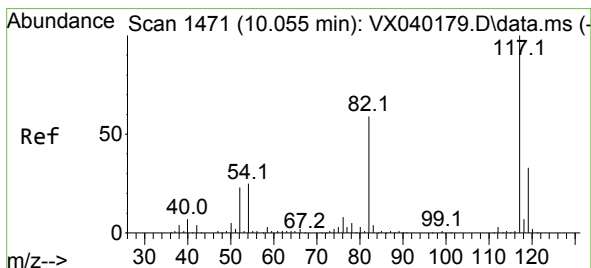
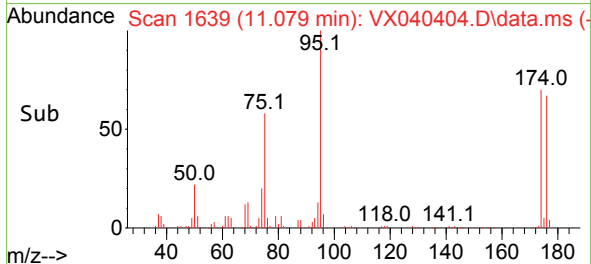
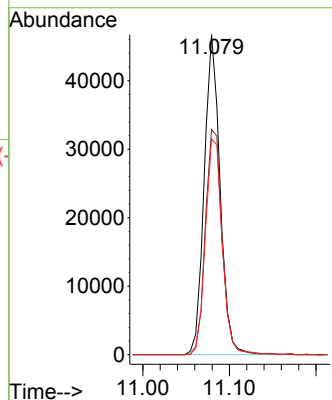
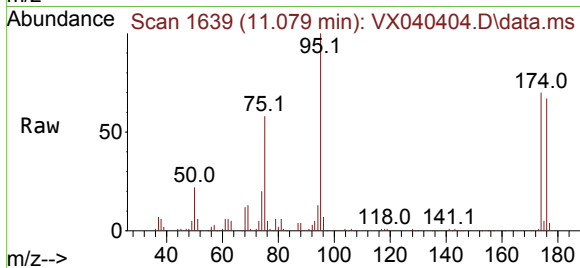




#62
4-Bromofluorobenzene
Concen: 44.502 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

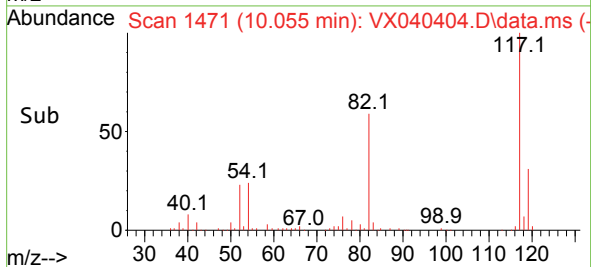
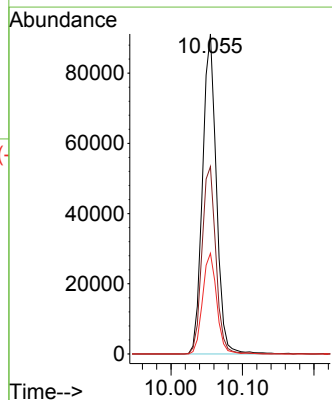
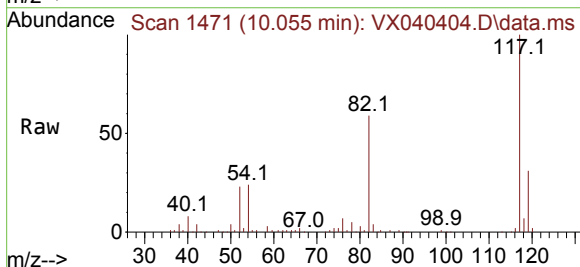
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

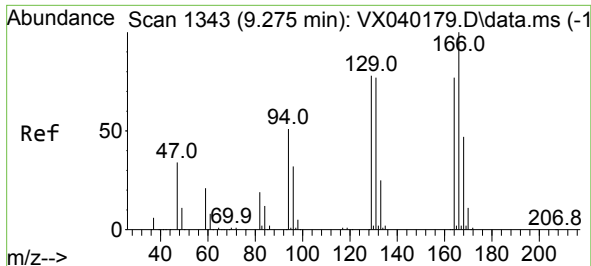
Tgt Ion: 95 Resp: 59322
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion: 117 Resp: 122622
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.4 25.5 38.3

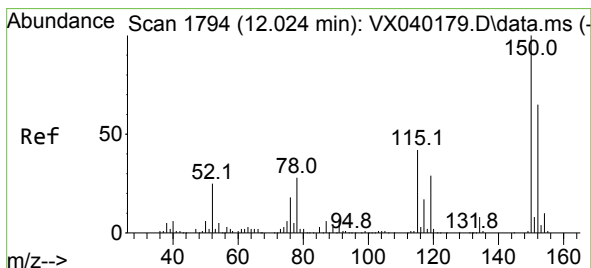
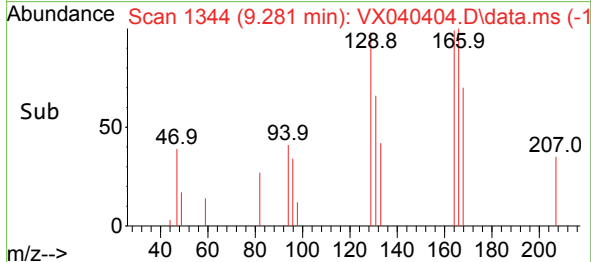
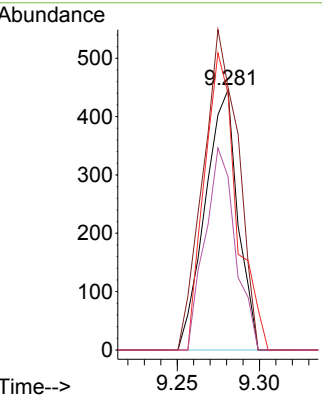
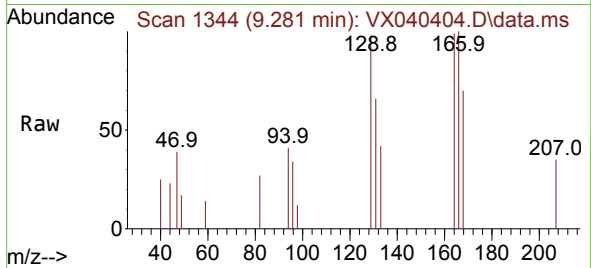




#64
Tetrachloroethene
Concen: 0.715 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

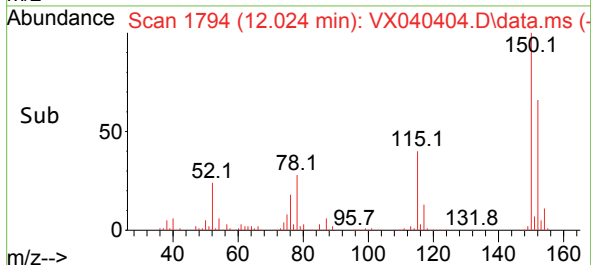
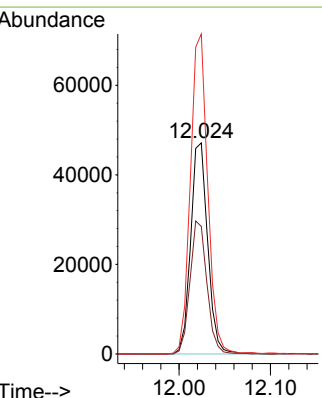
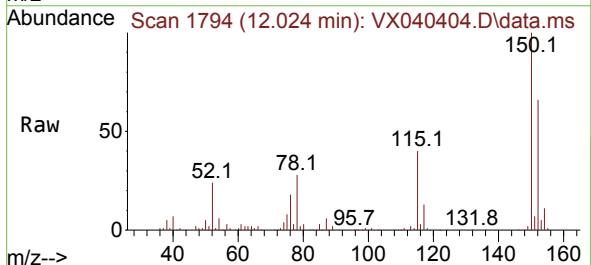
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

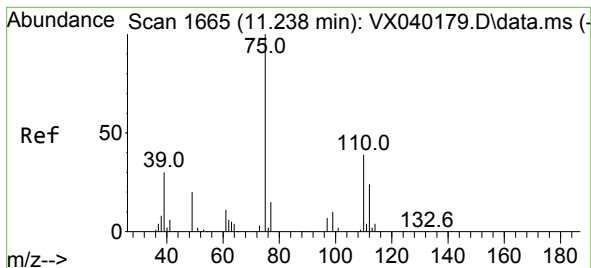
Tgt Ion:164 Resp: 614
Ion Ratio Lower Upper
164 100
166 100.9 102.7 154.1#
129 98.4 80.4 120.6
131 66.6 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion:152 Resp: 60807
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 154.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.569 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040404.D

Acq: 22 Feb 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

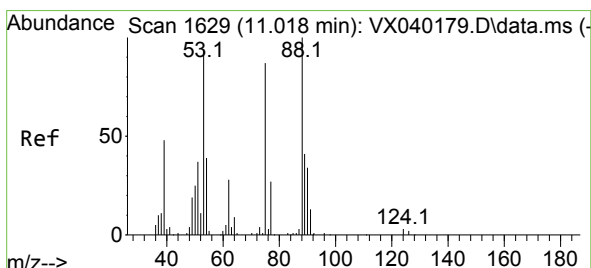
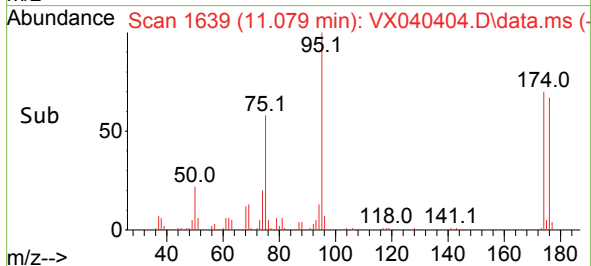
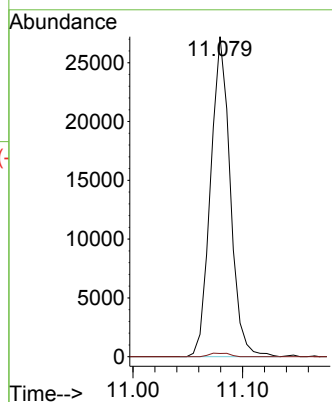
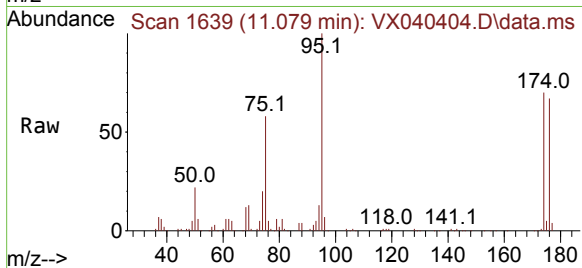
RE103D1-20240216

Tgt Ion: 75 Resp: 33947

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.469 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040404.D

Acq: 22 Feb 2024 16:12

Tgt Ion: 75 Resp: 33947

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

