

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040540.D
 Acq On : 29 Feb 2024 16:22
 Operator : JC/MD
 Sample : P1615-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20240226

Quant Time: Mar 01 03:49:34 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)

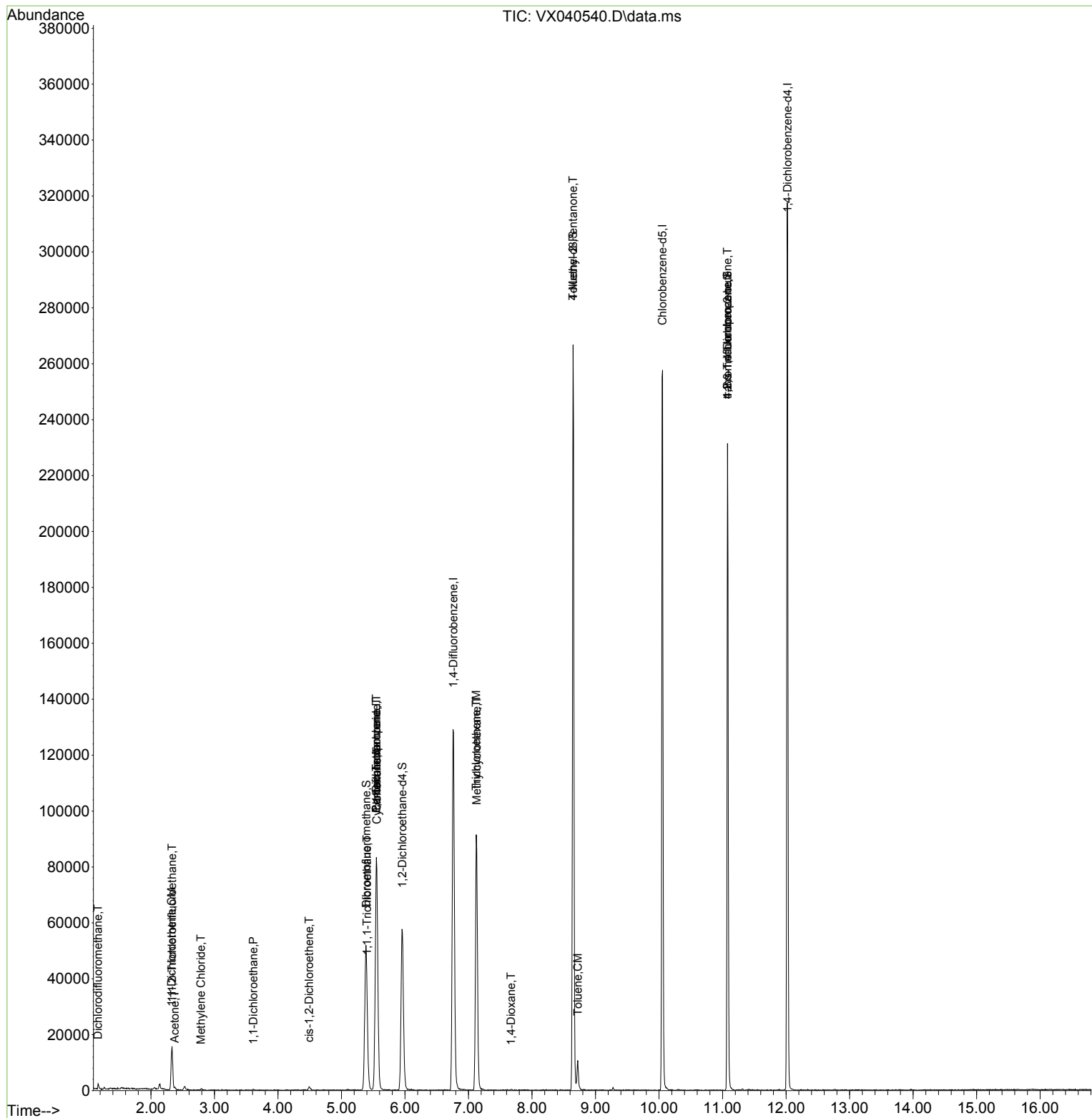
Internal Standards						
1) Pentafluorobenzene	5.550	168	71663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58975	49.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.391	113	42645	50.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.840%
50) Toluene-d8	8.647	98	151927	49.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	57029	48.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	993	1.113	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	5217	6.415	ug/l	94
12) 1,1-Dichloroethene	2.325	96	627	0.768	ug/l	89
16) Acetone	2.373	43	913	2.336	ug/l	100
20) Methylene Chloride	2.788	84	217	0.232	ug/l #	75
24) 1,1-Dichloroethane	3.611	63	401	0.240	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	724	0.711	ug/l	74
31) Cyclohexane	5.556	56	1937	1.426	ug/l #	39
32) 1,1,1-Trichloroethane	5.403	97	641	0.423	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	6410	4.919	ug/l #	52
38) Carbon Tetrachloride	5.550	117	8036	6.384	ug/l #	15
39) Methylcyclohexane	7.129	83	465	0.331	ug/l #	1
44) Trichloroethene	7.123	130	32958	34.738	ug/l	97
49) 1,4-Dioxane	7.671	88	203	9.595	ug/l #	94
51) 4-Methyl-2-Pentanone	8.647	43	804	0.543	ug/l #	1
52) Toluene	8.720	92	3623	1.673	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	32905	24.154	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	32905	70.733	ug/l #	5

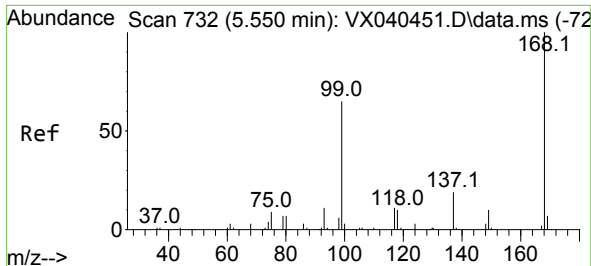
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20240226

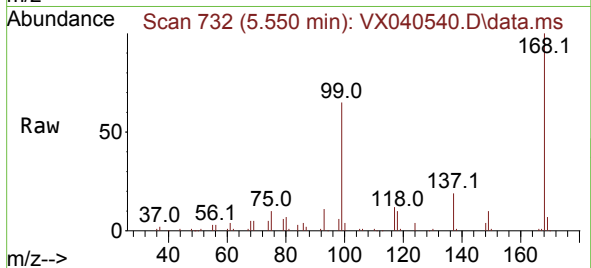
Quant Time: Mar 01 03:49:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration



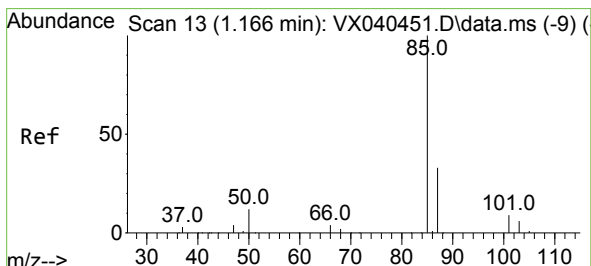
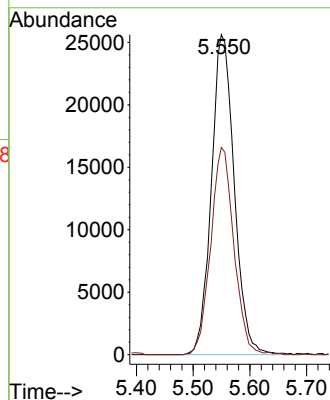
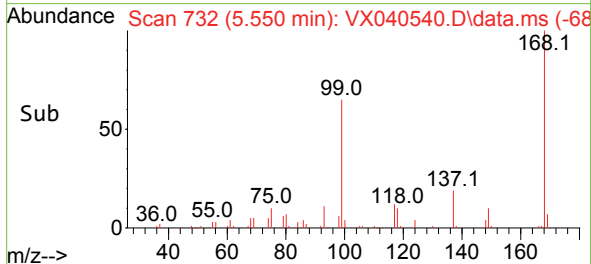


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20240226

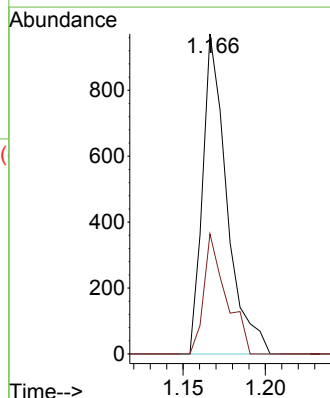
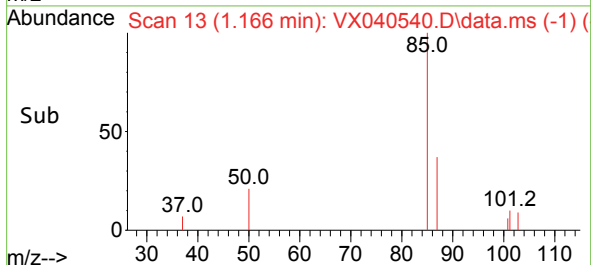
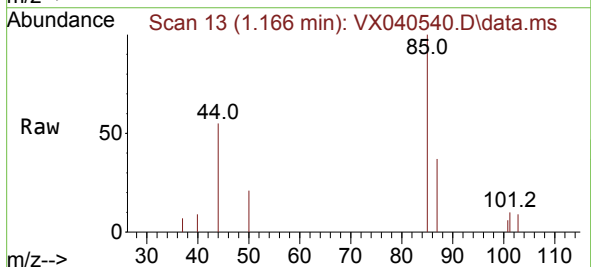


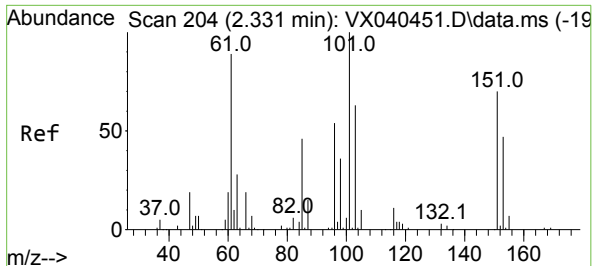
Tgt Ion:168 Resp: 71663
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 1.113 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion: 85 Resp: 993
Ion Ratio Lower Upper
85 100
87 37.5 16.7 50.1

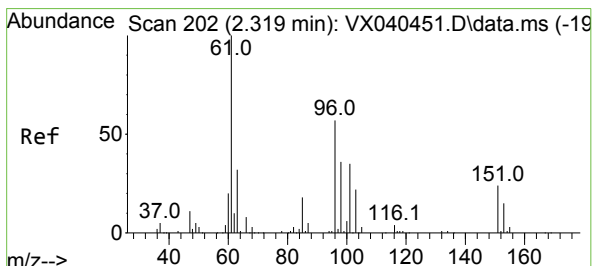
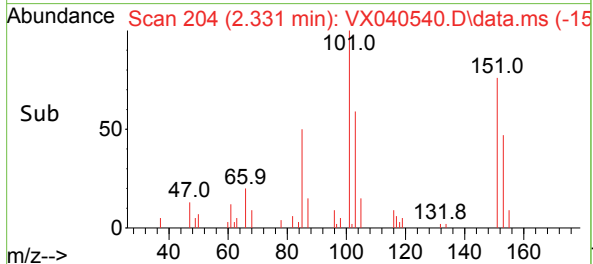
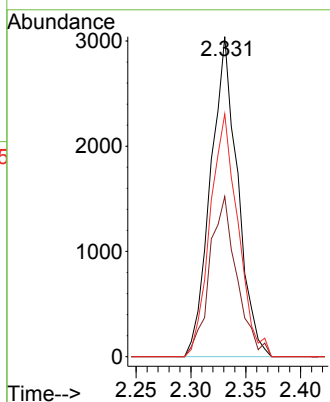
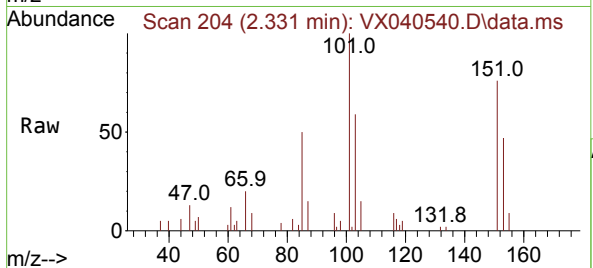




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.415 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

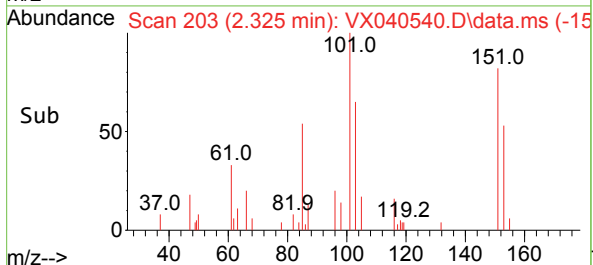
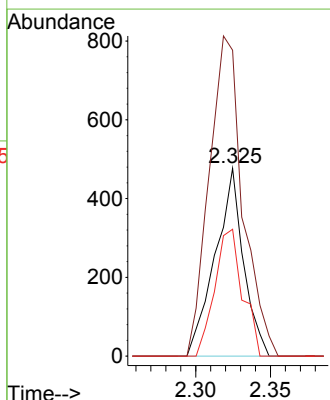
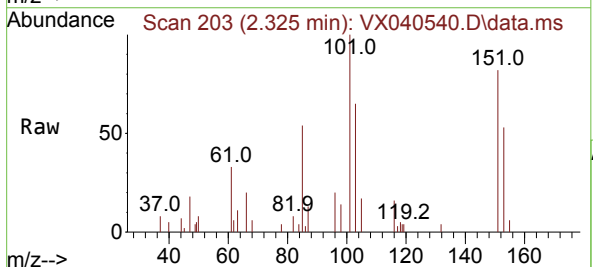
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20240226

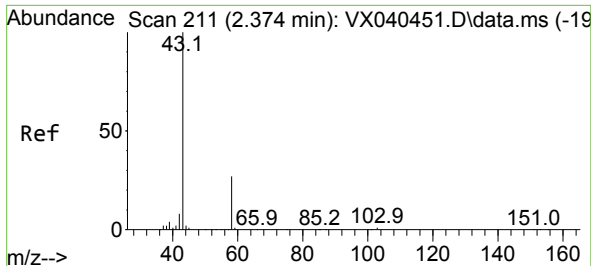
Tgt Ion:101 Resp: 5217
Ion Ratio Lower Upper
101 100
85 50.5 37.0 55.6
151 78.4 58.6 87.8



#12
1,1-Dichloroethene
Concen: 0.768 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion: 96 Resp: 627
Ion Ratio Lower Upper
96 100
61 162.9 144.6 216.8
98 67.5 50.4 75.6

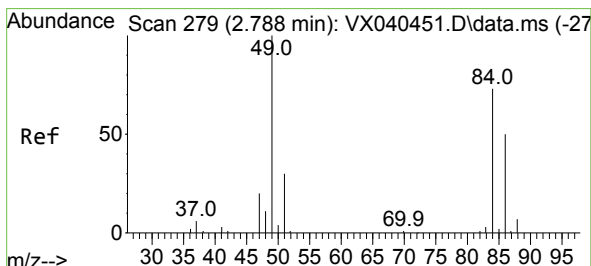
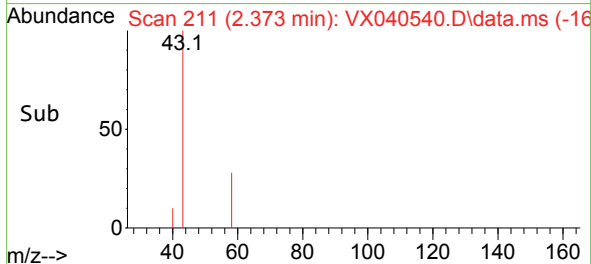
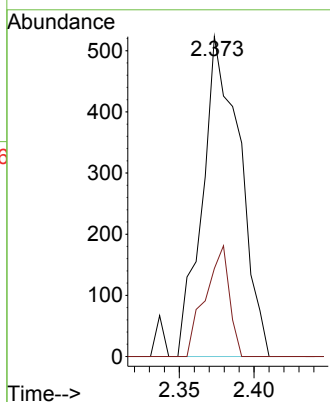
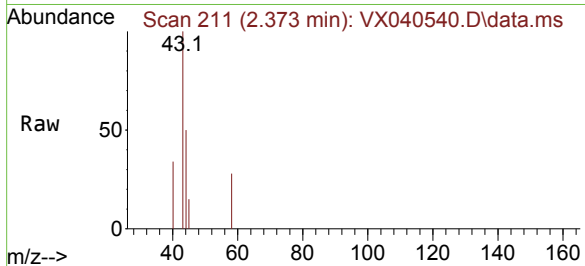




#16
Acetone
Concen: 2.336 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

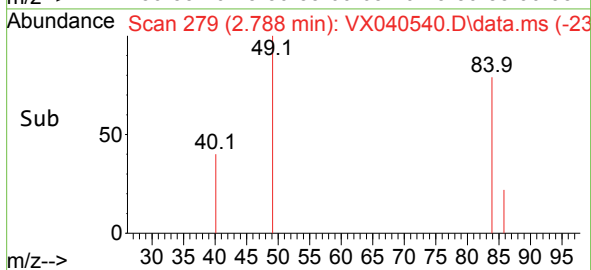
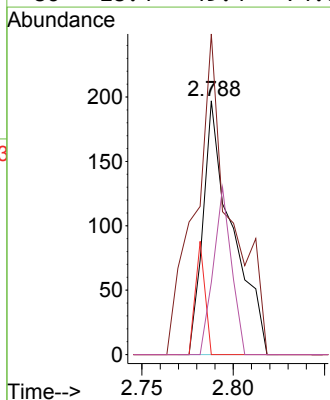
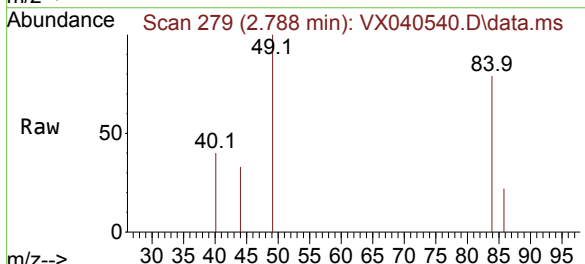
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20240226

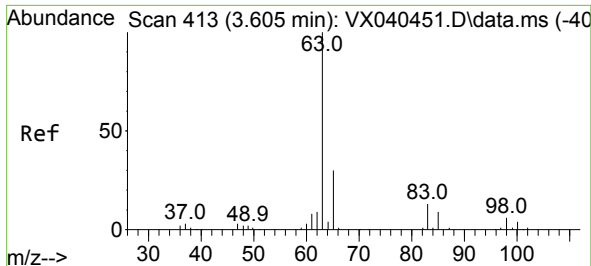
Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.232 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion: 84 Resp: 217
Ion Ratio Lower Upper
84 100
49 126.4 103.6 155.4
51 0.0 33.8 50.6#
86 28.4 49.4 74.0#





#24

1,1-Dichloroethane

Concen: 0.240 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040540.D

Acq: 29 Feb 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20240226

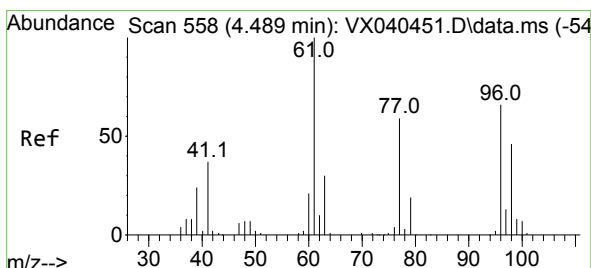
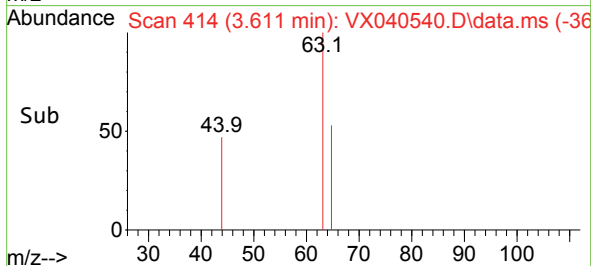
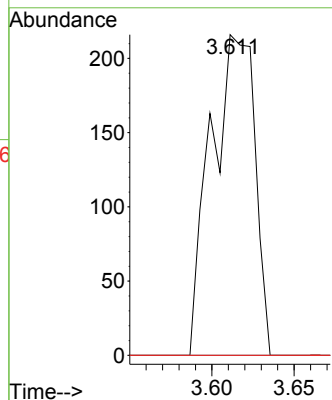
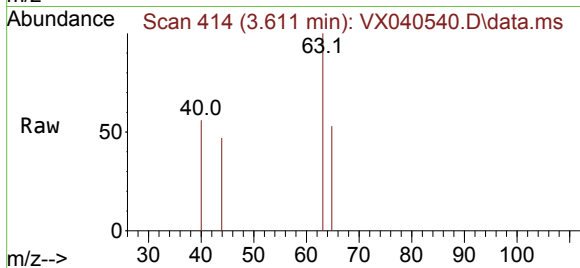
Tgt Ion: 63 Resp: 401

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#



#27

cis-1,2-Dichloroethene

Concen: 0.711 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040540.D

Acq: 29 Feb 2024 16:22

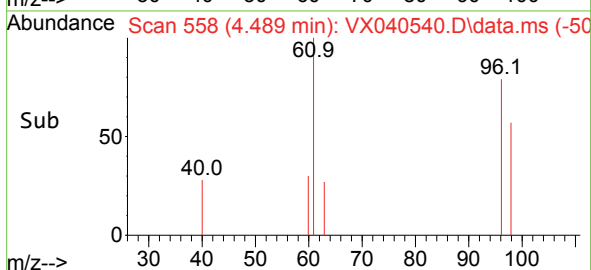
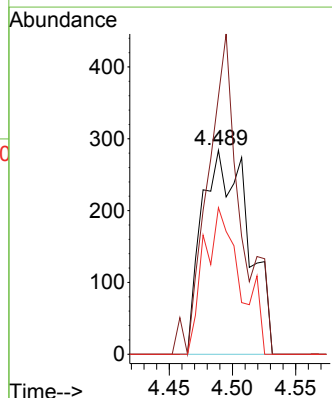
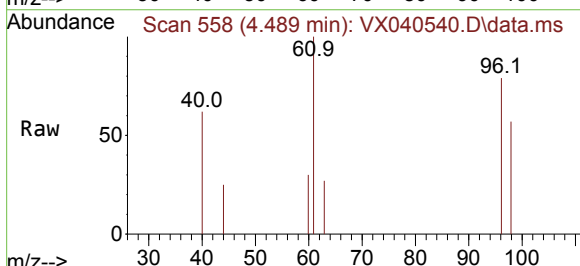
Tgt Ion: 96 Resp: 724

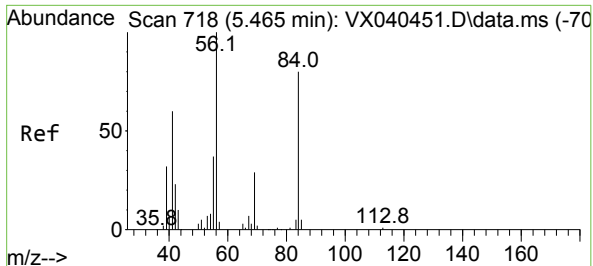
Ion Ratio Lower Upper

96 100

61 113.1 0.0 312.2

98 56.6 0.0 129.0

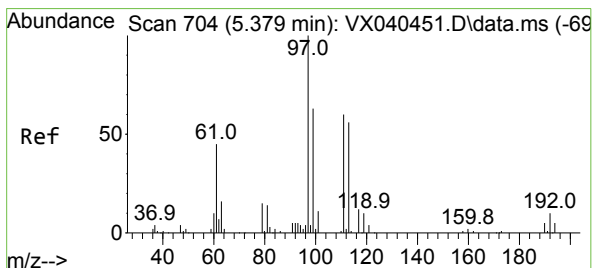
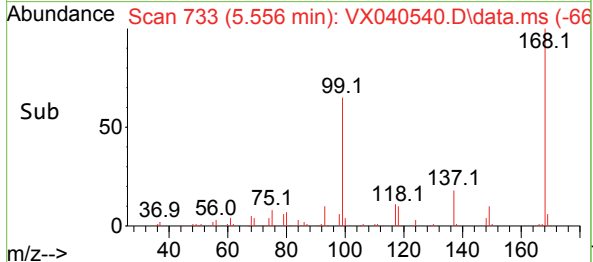
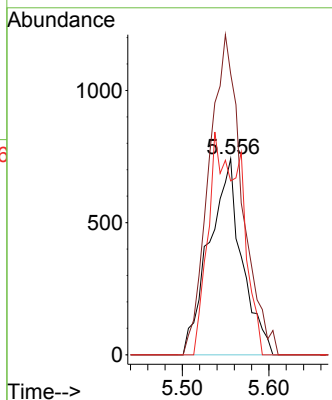
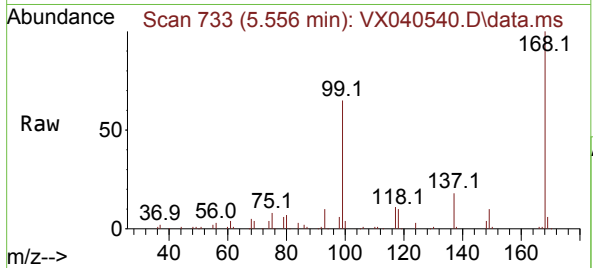




#31
Cyclohexane
Concen: 1.426 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

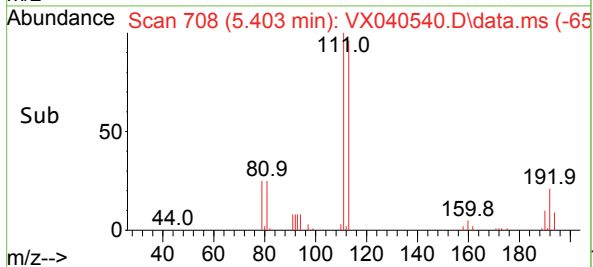
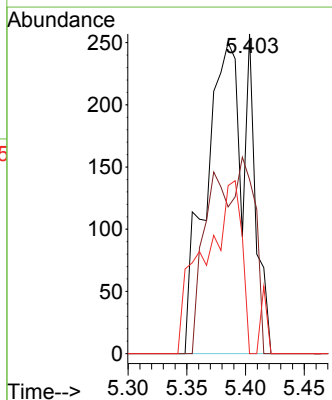
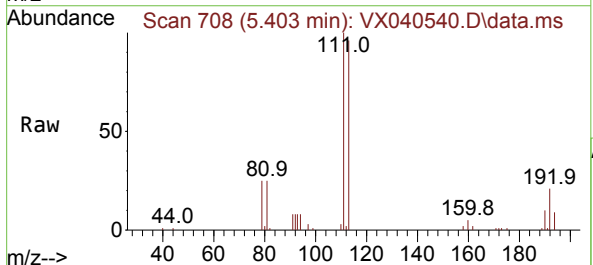
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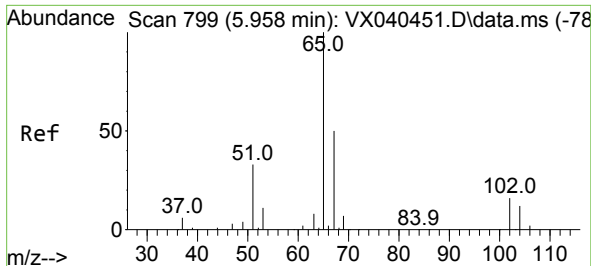
Tgt Ion: 56 Resp: 1937
Ion Ratio Lower Upper
56 100
69 143.5 23.4 35.2#
84 88.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 0.423 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.024 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion: 97 Resp: 641
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 47.9 36.4 54.6

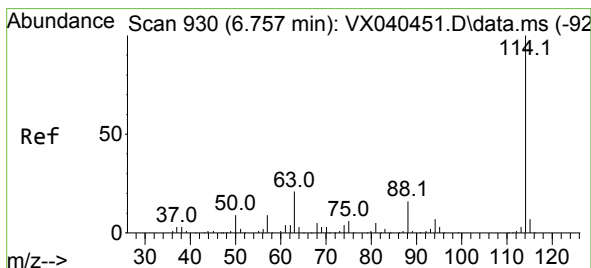
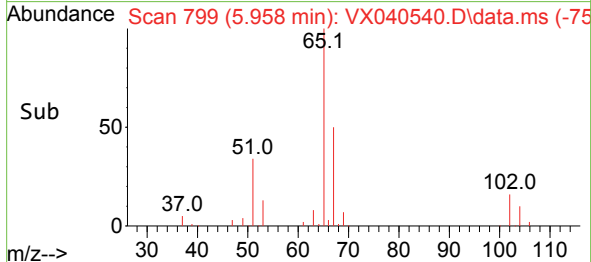
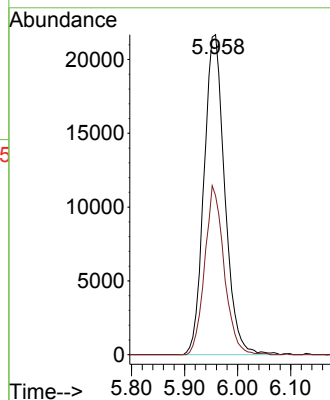
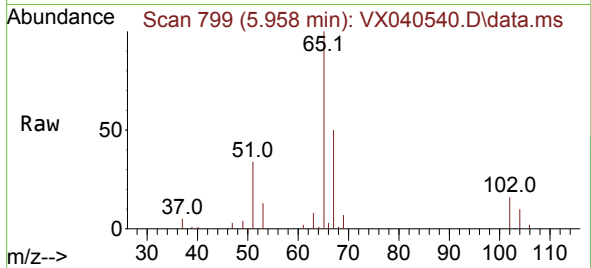




#33
 1,2-Dichloroethane-d4
 Concen: 49.203 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040540.D
 Acq: 29 Feb 2024 16:22

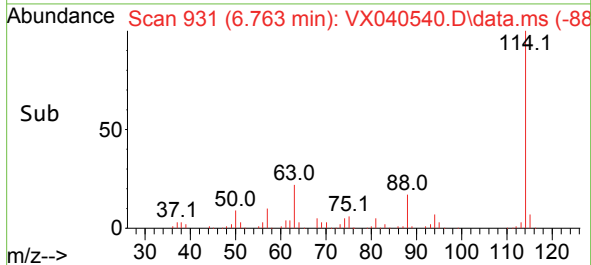
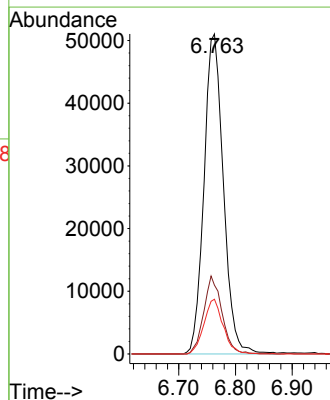
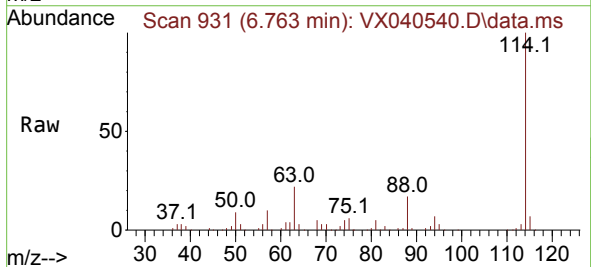
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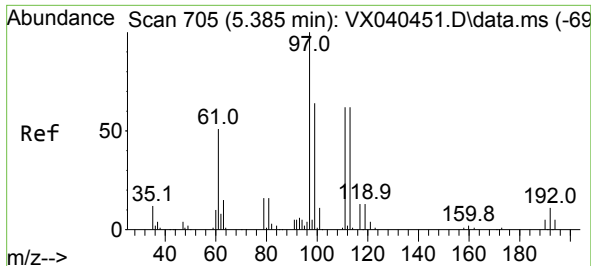
Tgt Ion: 65 Resp: 58975
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040540.D
 Acq: 29 Feb 2024 16:22

Tgt Ion: 114 Resp: 121619
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 17.1 0.0 36.6

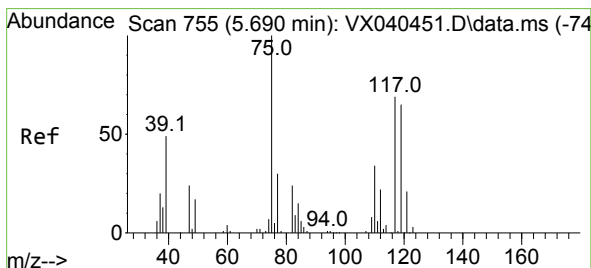
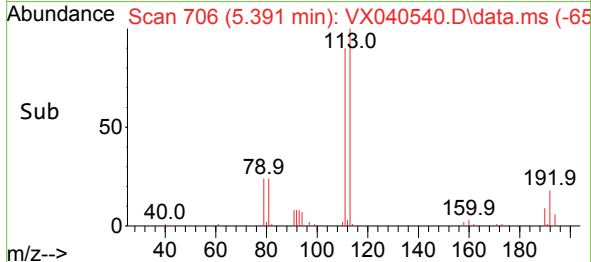
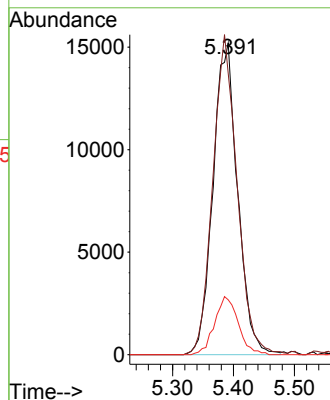
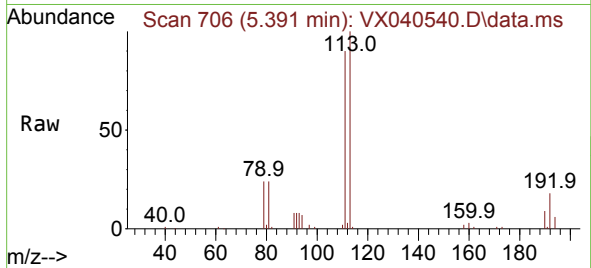




#35
Dibromofluoromethane
Concen: 50.424 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

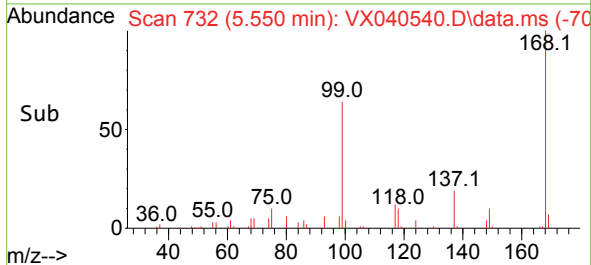
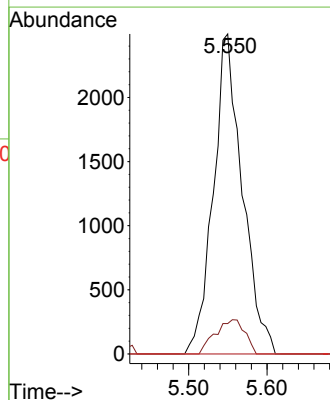
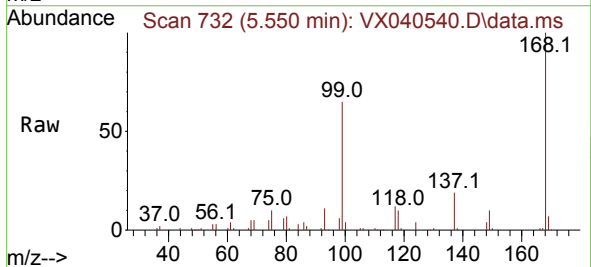
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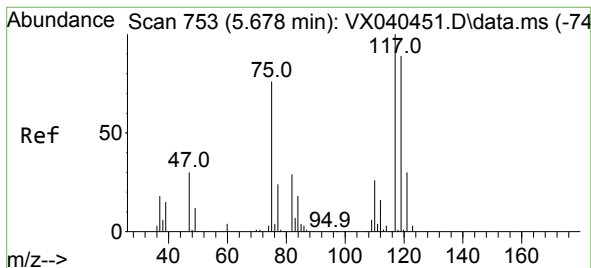
Tgt Ion:113 Resp: 42645
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion: 75 Resp: 6410
Ion Ratio Lower Upper
75 100
110 11.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.384 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX040540.D

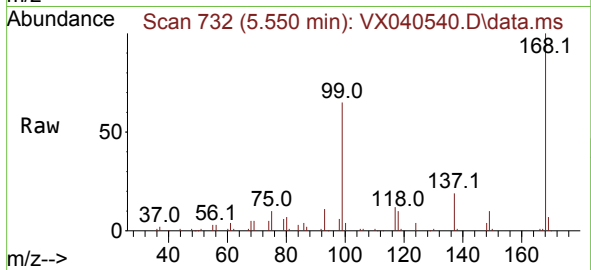
Acq: 29 Feb 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20240226



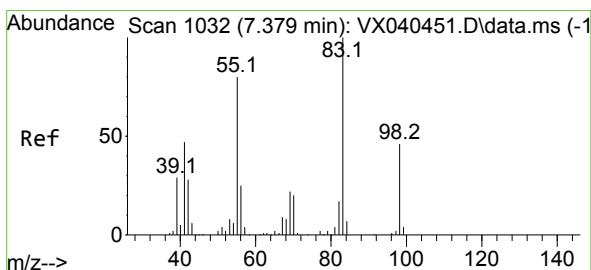
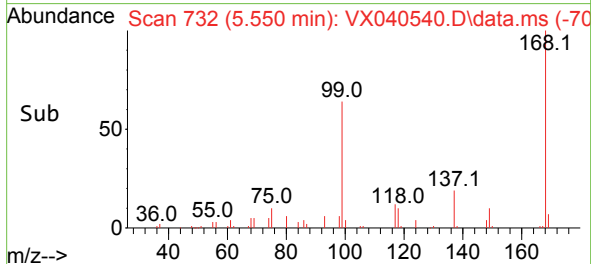
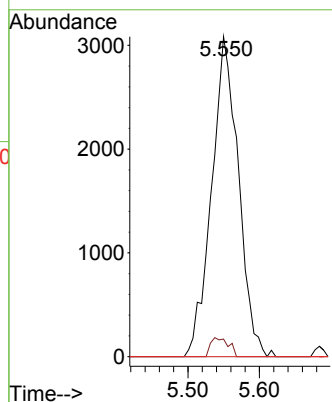
Tgt Ion:117 Resp: 8036

Ion Ratio Lower Upper

117 100

119 5.5 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.331 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX040540.D

Acq: 29 Feb 2024 16:22

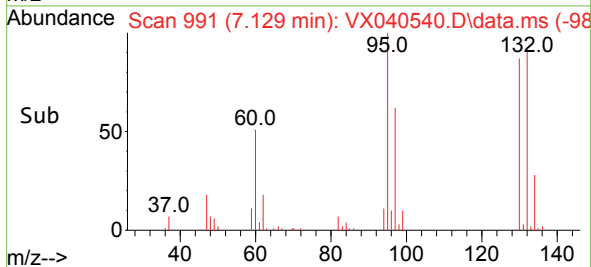
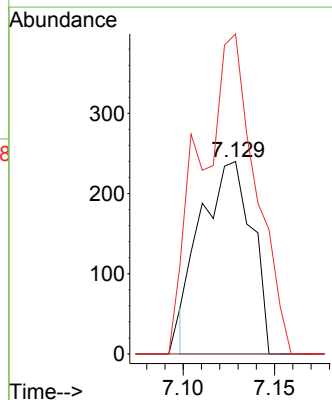
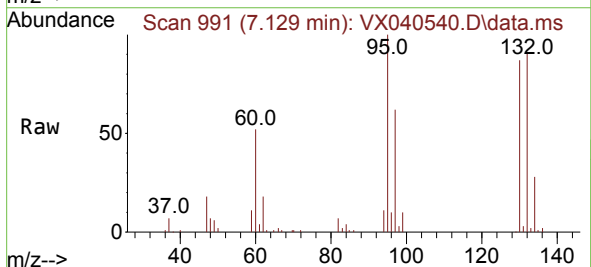
Tgt Ion: 83 Resp: 465

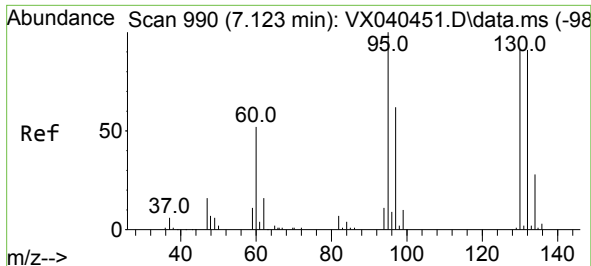
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 141.7 36.7 55.1#

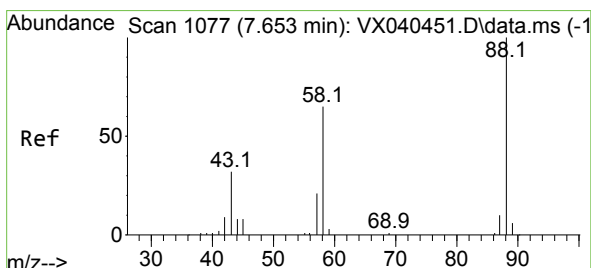
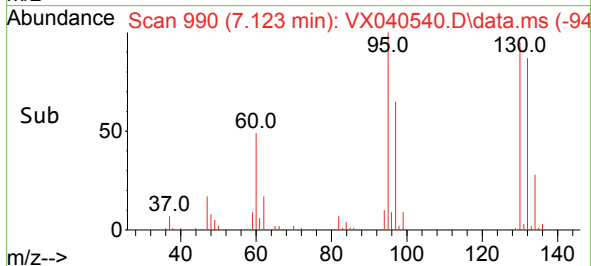
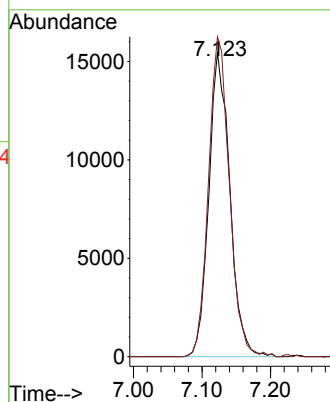
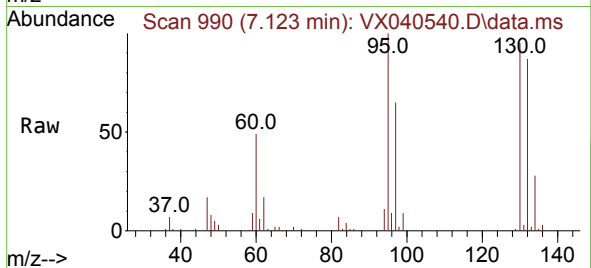




#44
Trichloroethene
Concen: 34.738 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

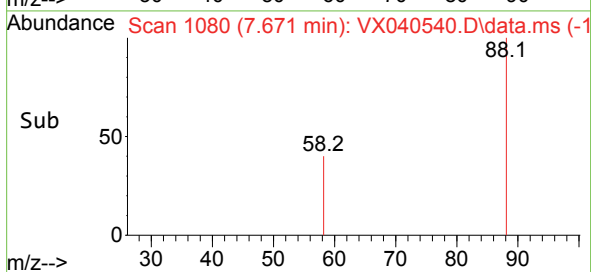
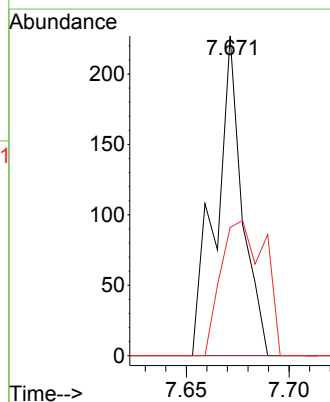
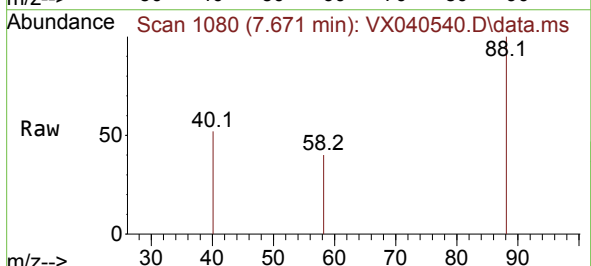
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20240226

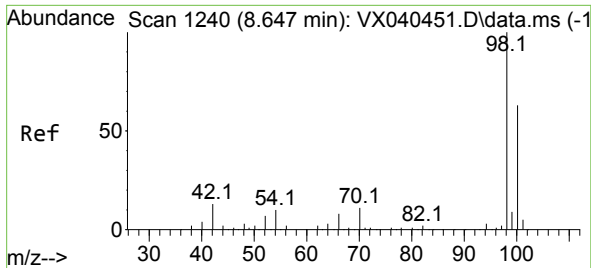
Tgt Ion:130 Resp: 32958
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4



#49
1,4-Dioxane
Concen: 9.595 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.018 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion: 88 Resp: 203
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.0 60.1 90.1

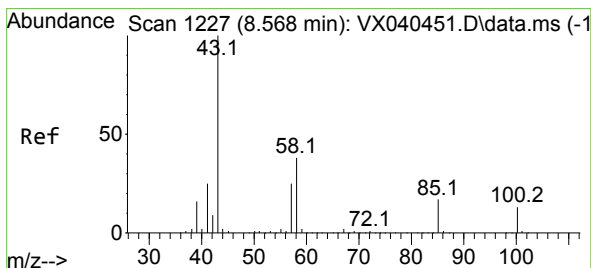
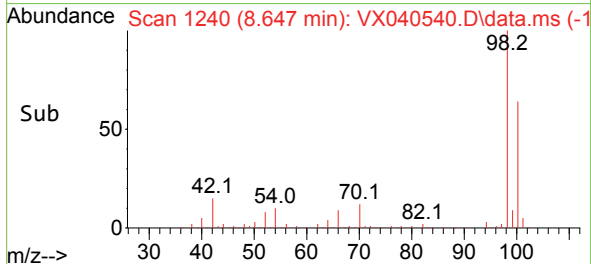
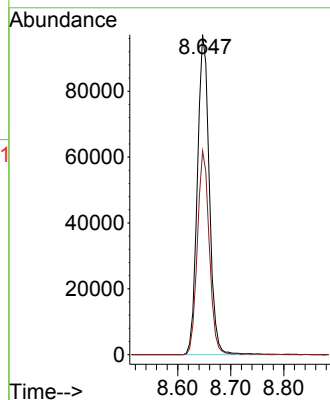
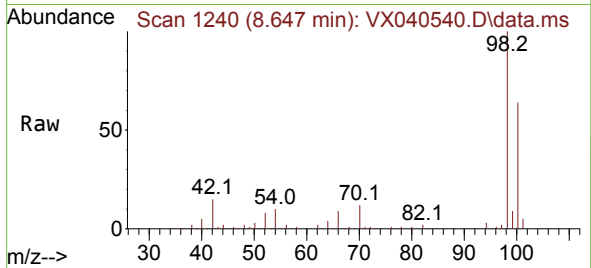




#50
Toluene-d8
Concen: 49.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

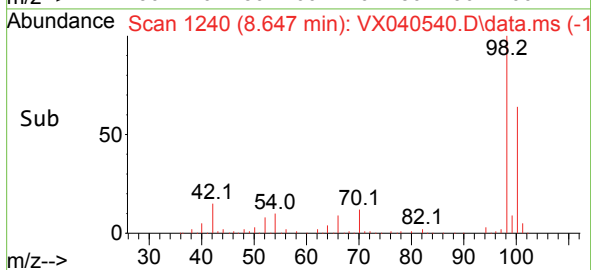
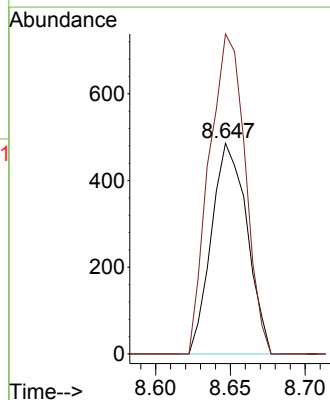
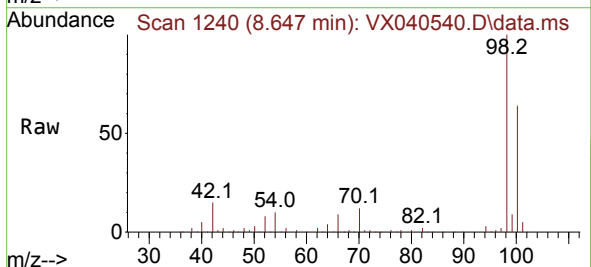
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20240226

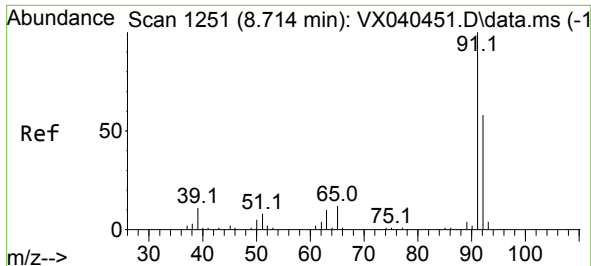
Tgt Ion: 98 Resp: 151927
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
58 153.6 30.4 45.6#

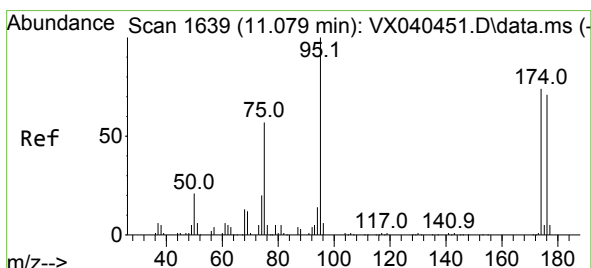
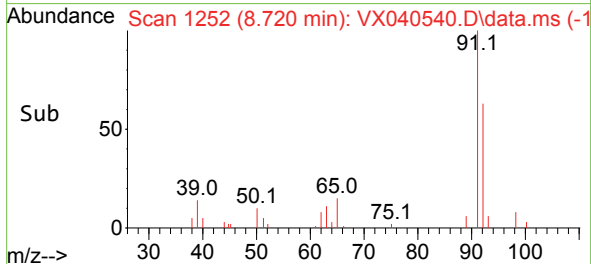
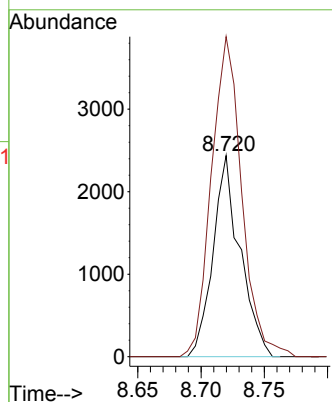
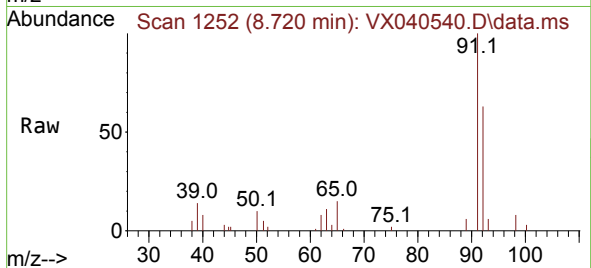




#52
Toluene
Concen: 1.673 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

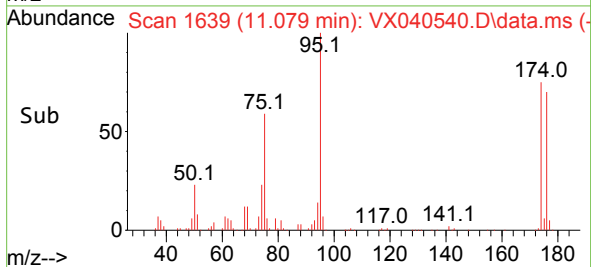
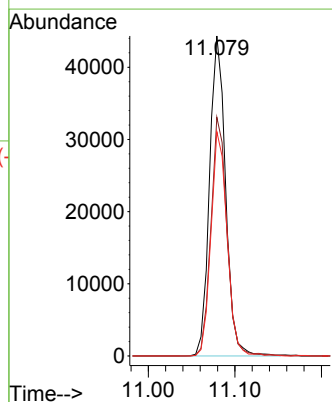
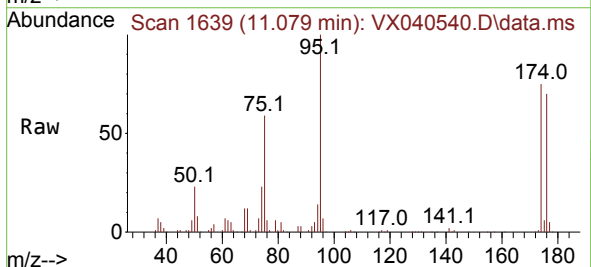
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20240226

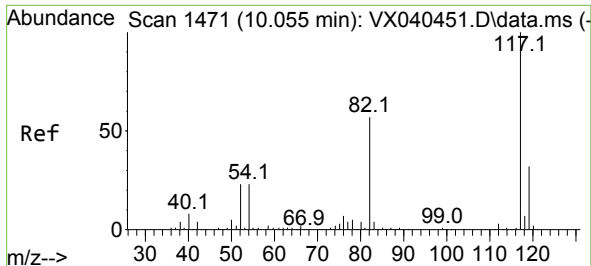
Tgt Ion: 92 Resp: 3623
Ion Ratio Lower Upper
92 100
91 178.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion: 95 Resp: 57029
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 70.6 0.0 131.0

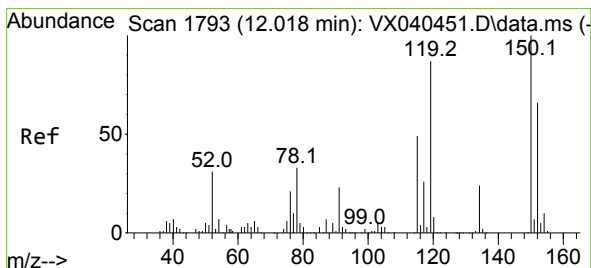
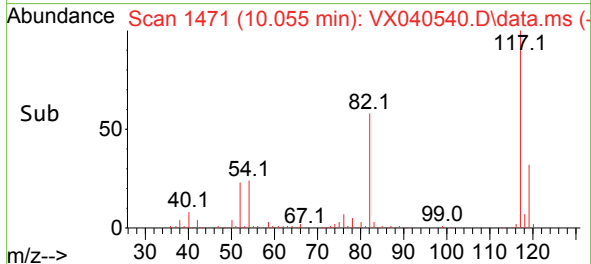
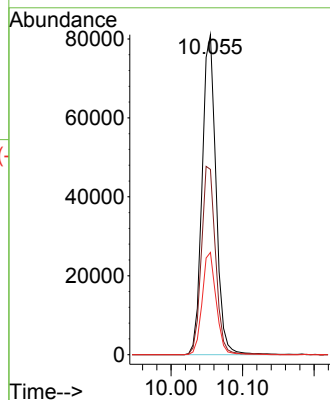
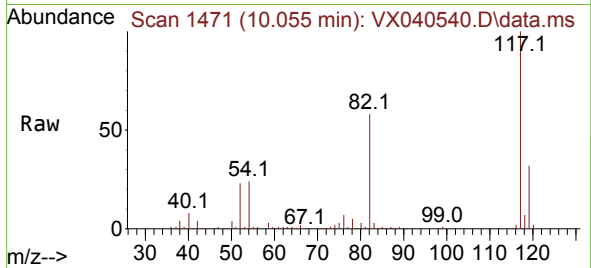




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

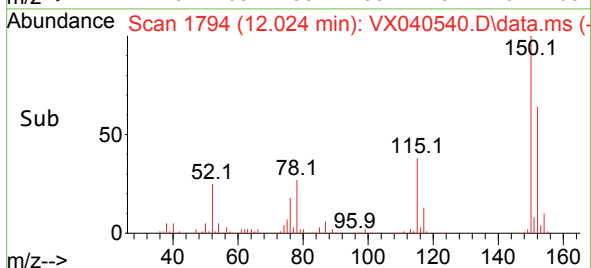
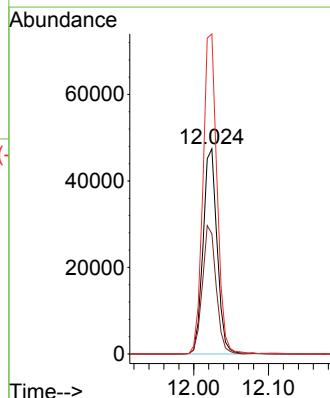
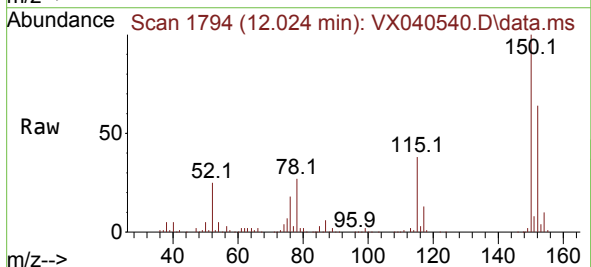
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20240226

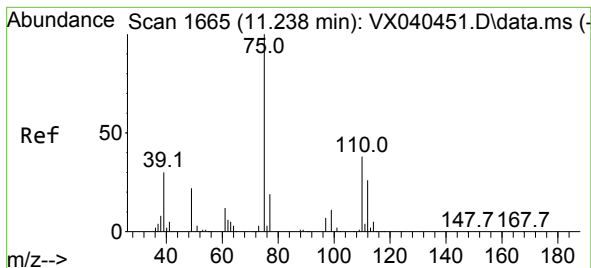
Tgt Ion:117 Resp: 109378
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040540.D
Acq: 29 Feb 2024 16:22

Tgt Ion:152 Resp: 61899
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.154 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040540.D

Acq: 29 Feb 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

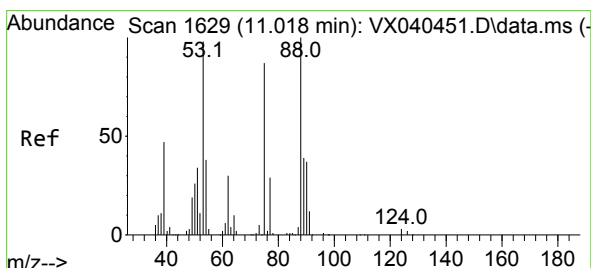
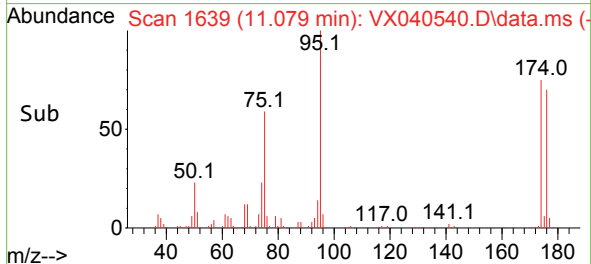
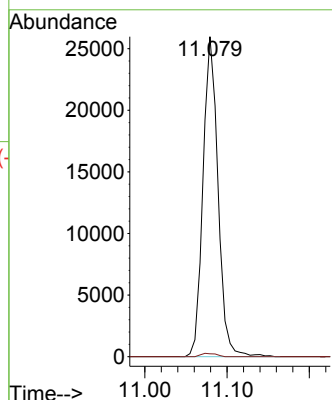
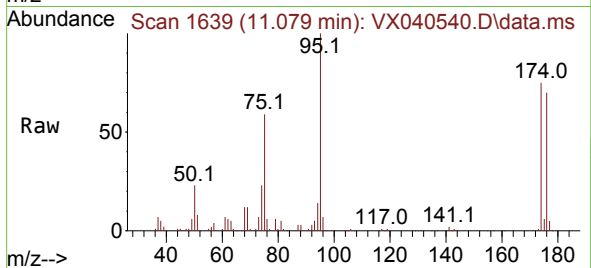
RE105D1-20240226

Tgt Ion: 75 Resp: 32905

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.733 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040540.D

Acq: 29 Feb 2024 16:22

Tgt Ion: 75 Resp: 32905

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

