

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040361.D
 Acq On : 20 Feb 2024 16:56
 Operator : JC/MD
 Sample : P1520-08 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20240216

Quant Time: Feb 21 01:16:13 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)

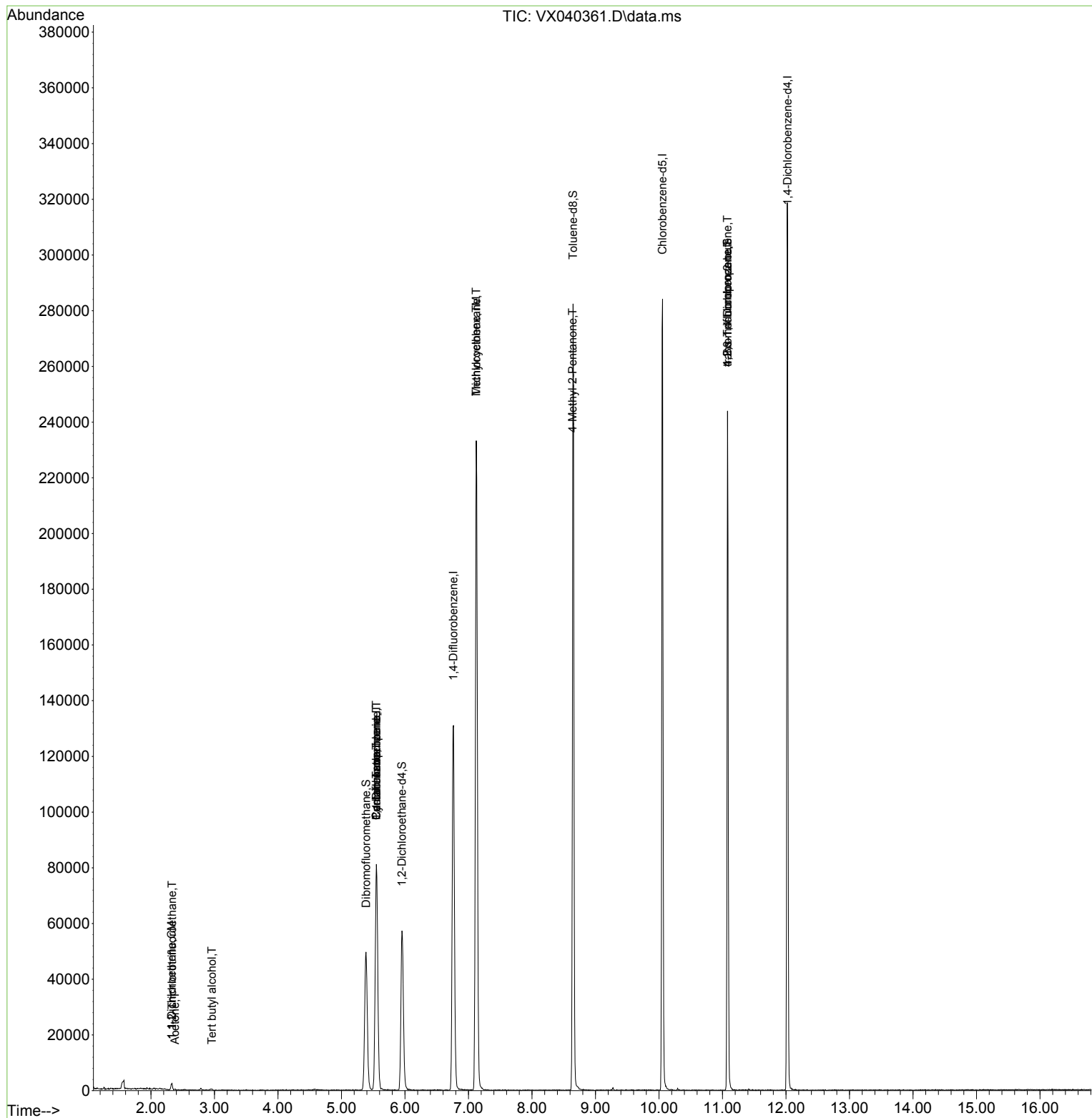
Internal Standards						
1) Pentafluorobenzene	5.550	168	71140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56479	53.365	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.720%			
35) Dibromofluoromethane	5.385	113	43246	46.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.400%			
50) Toluene-d8	8.647	98	161072	46.494	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.980%			
62) 4-Bromofluorobenzene	11.079	95	61772	43.720	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.440%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	729	0.966	ug/l #	87
11) Tert butyl alcohol	2.959	59	213	1.033	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	286	0.394	ug/l #	60
16) Acetone	2.380	43	320	0.736	ug/l #	47
20) Methylene Chloride	2.782	84	151	Below Cal	#	73
31) Cyclohexane	5.550	56	1853	1.468	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	6830	5.265	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7717	6.256	ug/l #	14
39) Methylcyclohexane	7.123	83	1242	0.824	ug/l #	1
44) Trichloroethene	7.123	130	87546	87.481	ug/l	99
51) 4-Methyl-2-Pentanone	8.641	43	802	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33943	26.507	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33943	72.701	ug/l #	5

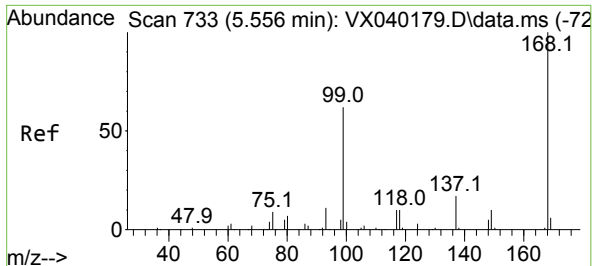
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
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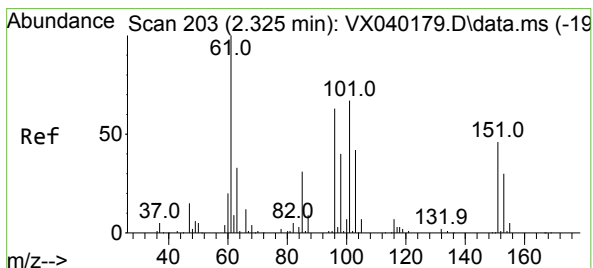
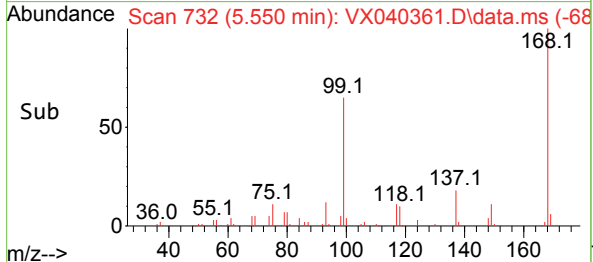
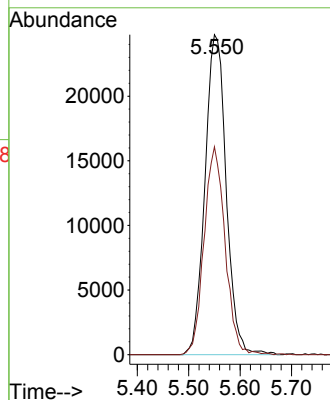
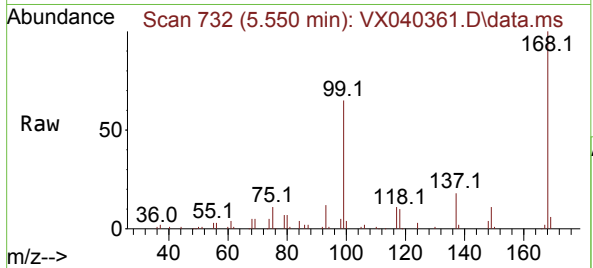




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

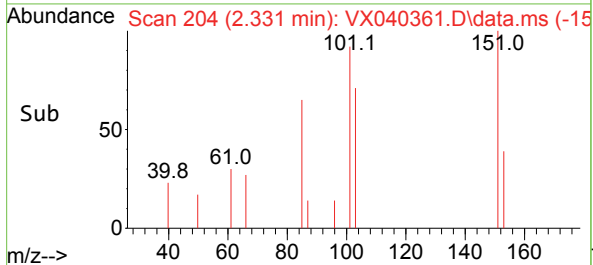
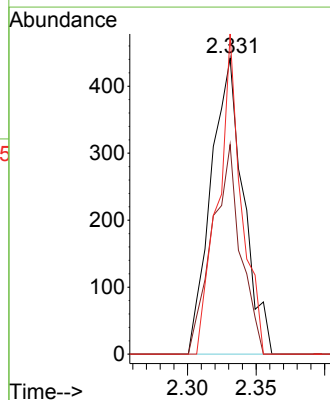
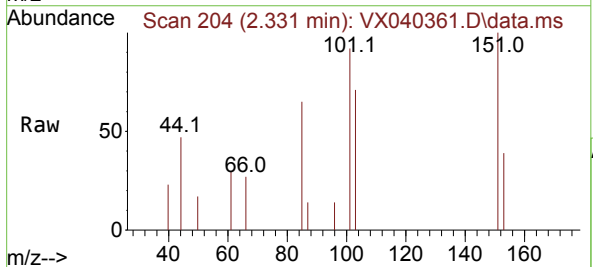
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20240216

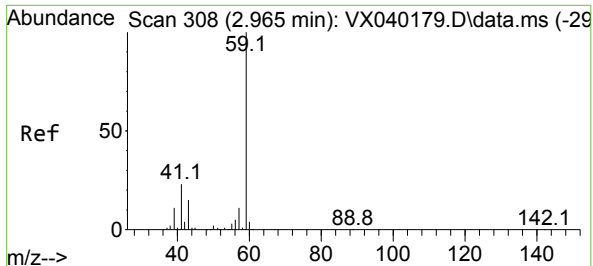
Tgt Ion:168 Resp: 71140
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.966 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

Tgt Ion:101 Resp: 729
Ion Ratio Lower Upper
101 100
85 62.3 37.0 55.6#
151 77.8 58.6 87.8





#11

Tert butyl alcohol

Concen: 1.033 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040361.D

Acq: 20 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

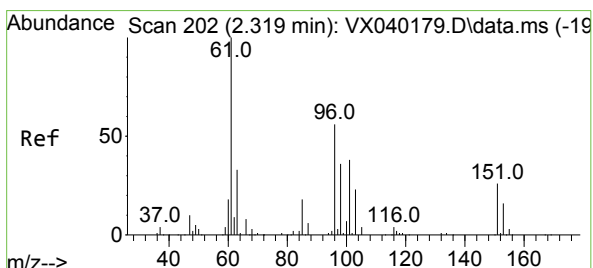
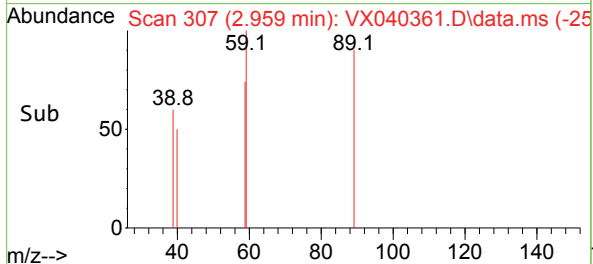
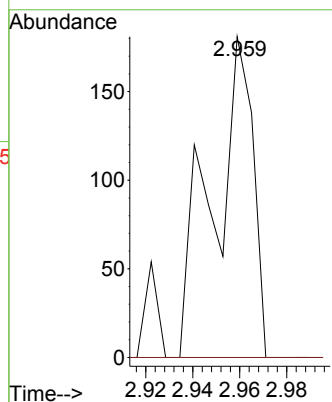
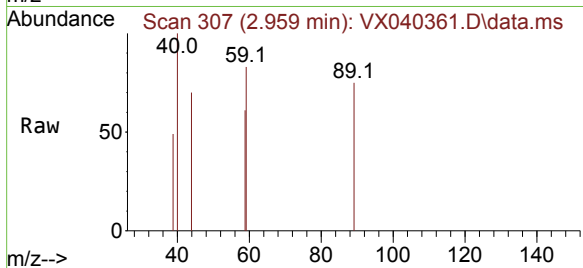
RE105D2-20240216

Tgt Ion: 59 Resp: 213

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.394 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX040361.D

Acq: 20 Feb 2024 16:56

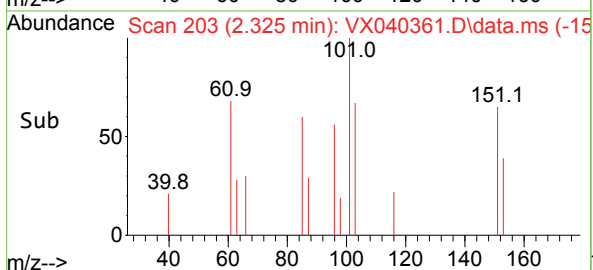
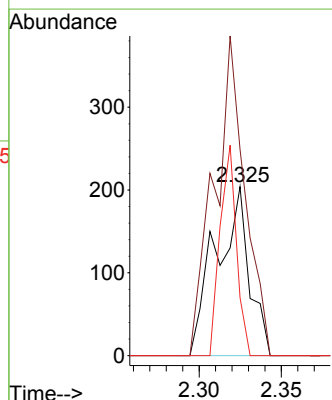
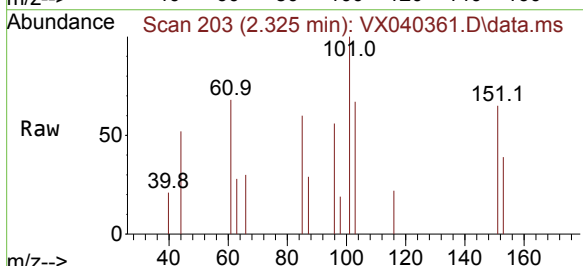
Tgt Ion: 96 Resp: 286

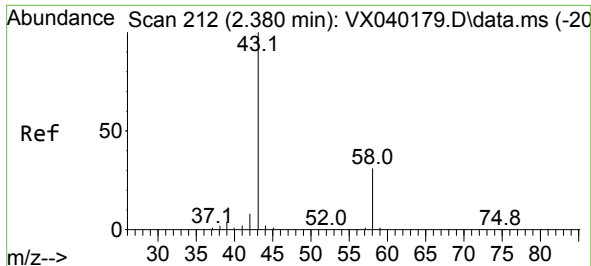
Ion Ratio Lower Upper

96 100

61 122.1 144.6 216.8#

98 34.3 50.4 75.6#

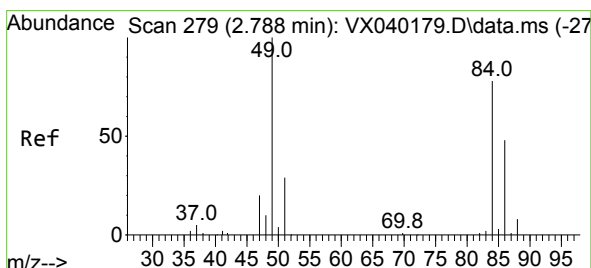
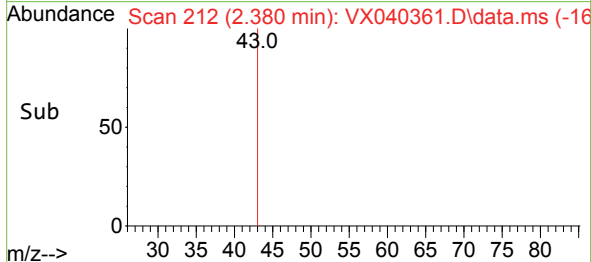
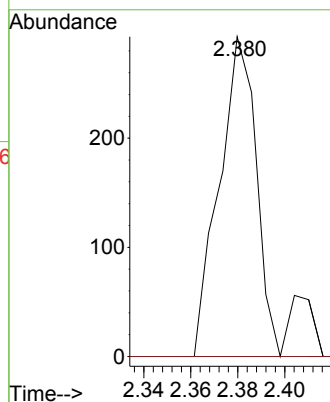
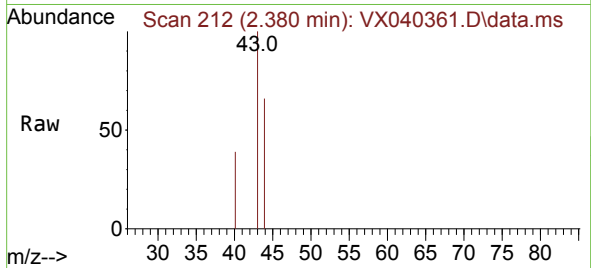




#16
Acetone
Concen: 0.736 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

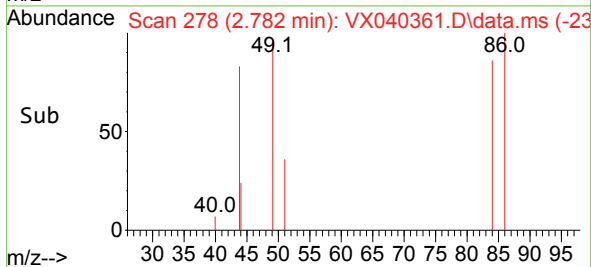
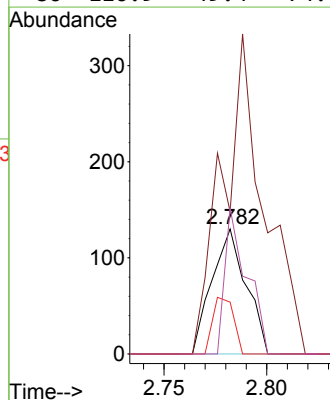
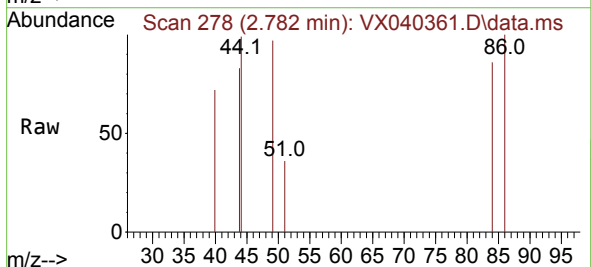
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20240216

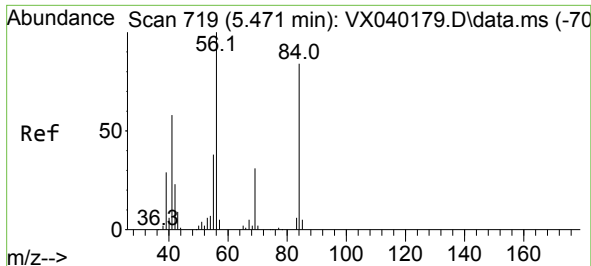
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

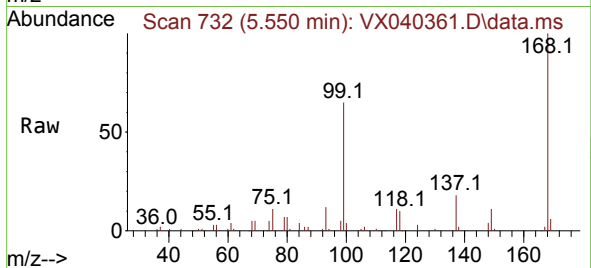
Tgt Ion: 84 Resp: 151
Ion Ratio Lower Upper
84 100
49 113.8 103.6 155.4
51 41.5 33.8 50.6
86 116.9 49.4 74.0#



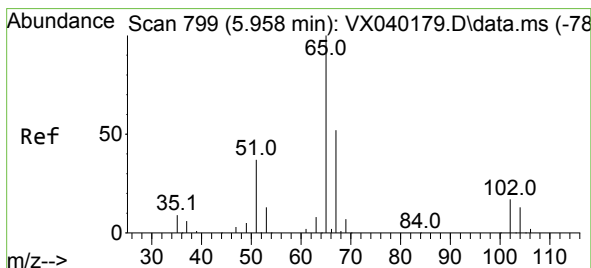
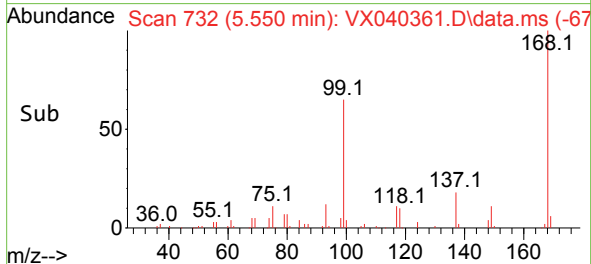
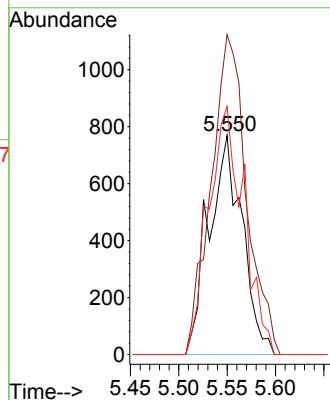


#31
Cyclohexane
Concen: 1.468 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20240216

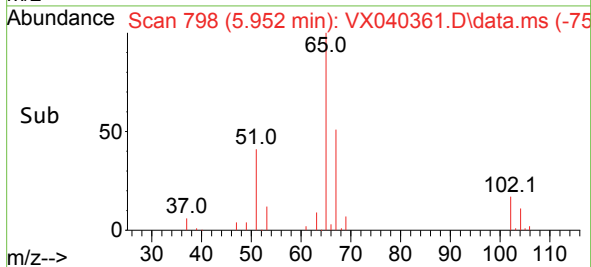
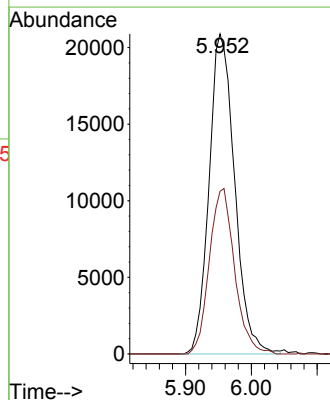
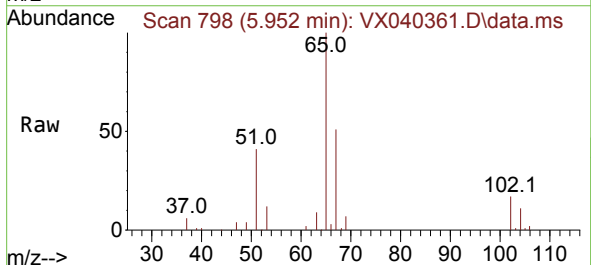


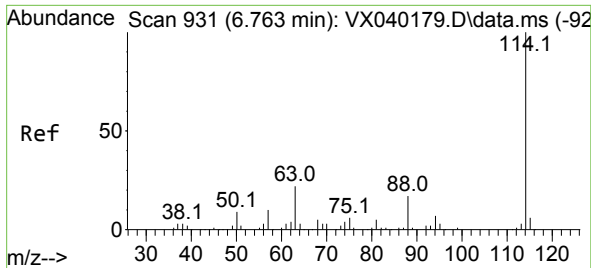
Tgt Ion: 56 Resp: 1853
Ion Ratio Lower Upper
56 100
69 146.0 23.4 35.2#
84 113.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.365 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

Tgt Ion: 65 Resp: 56479
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

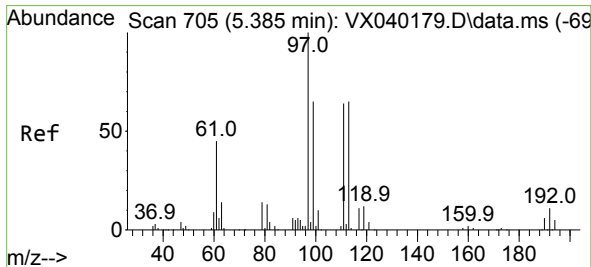
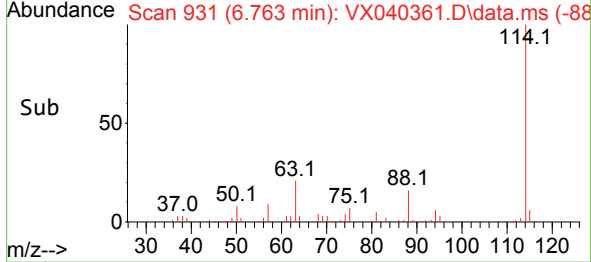
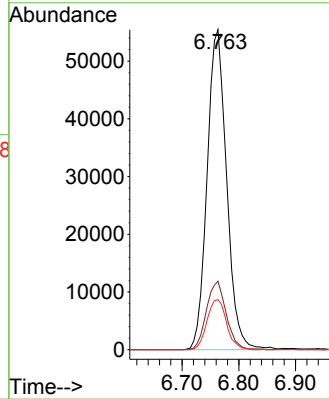
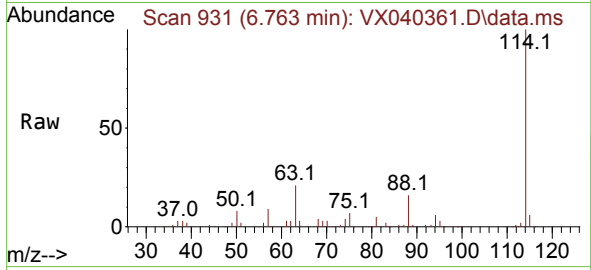




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

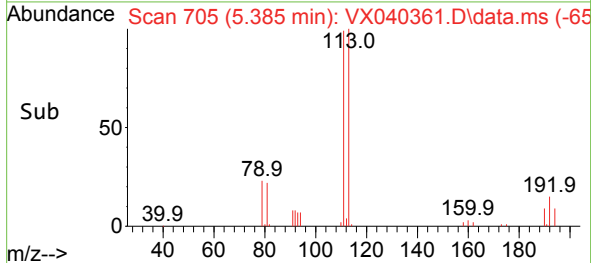
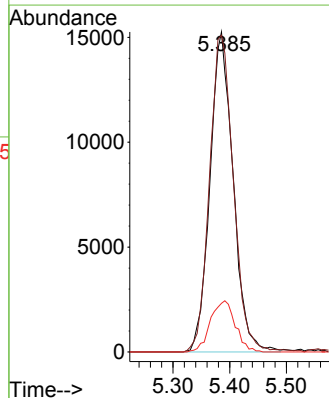
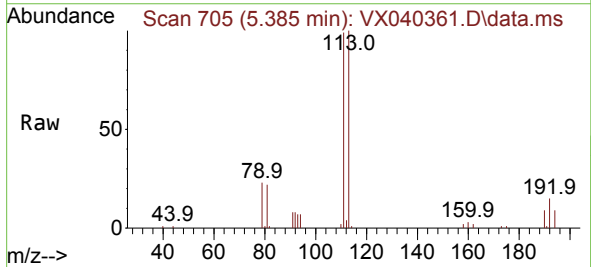
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20240216

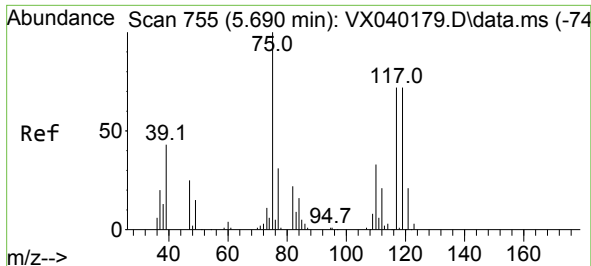
Tgt Ion:114 Resp: 132617
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.696 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

Tgt Ion:113 Resp: 43246
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.2 13.3 19.9

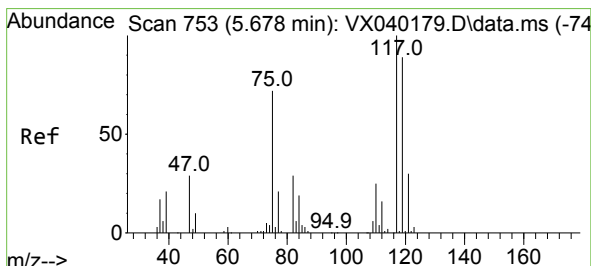
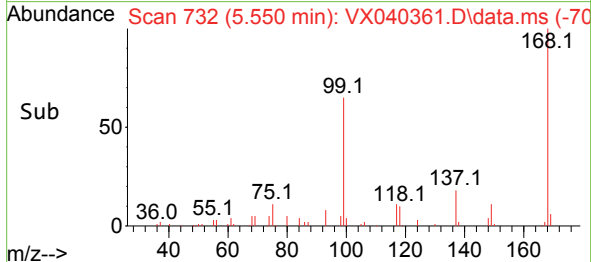
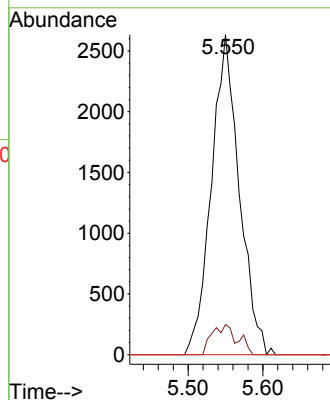
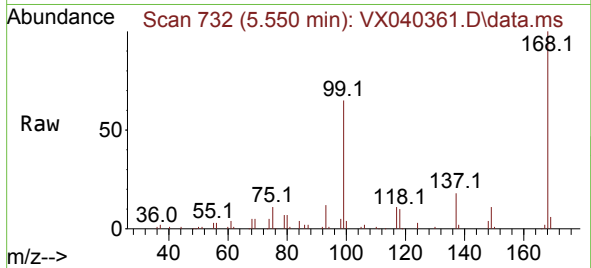




#36
1,1-Dichloropropene
Concen: 5.265 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

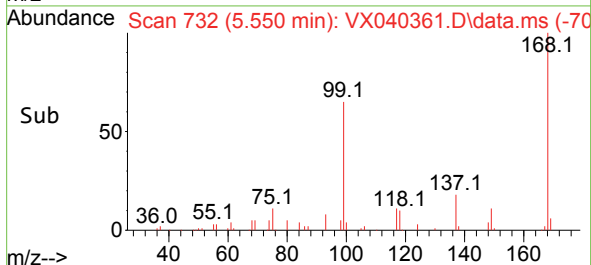
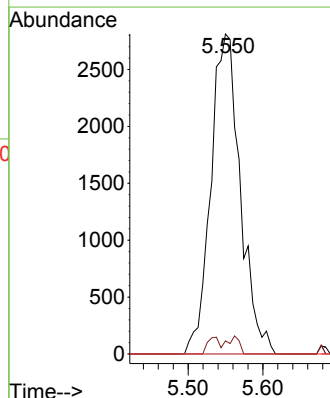
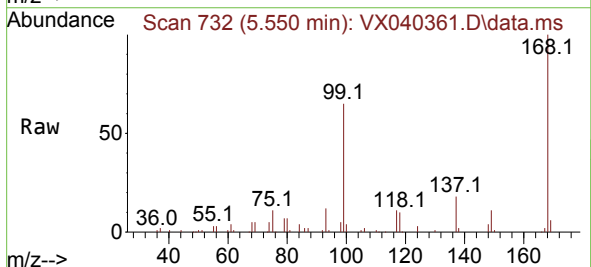
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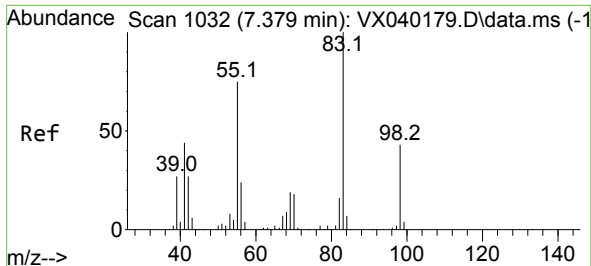
Tgt Ion: 75 Resp: 6830
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

Tgt Ion: 117 Resp: 7717
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

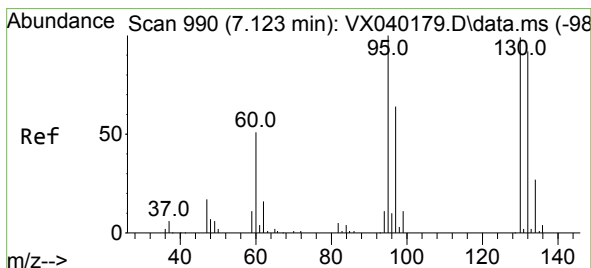
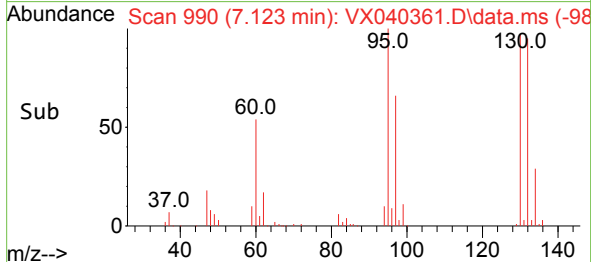
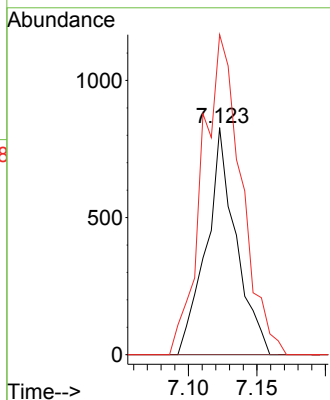
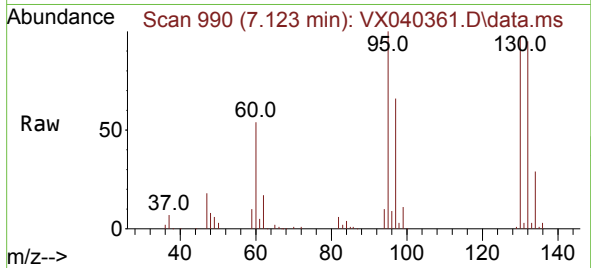




#39
Methylcyclohexane
Concen: 0.824 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

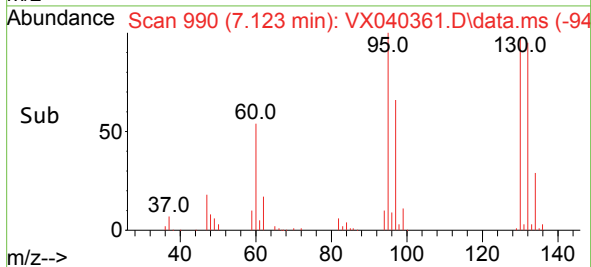
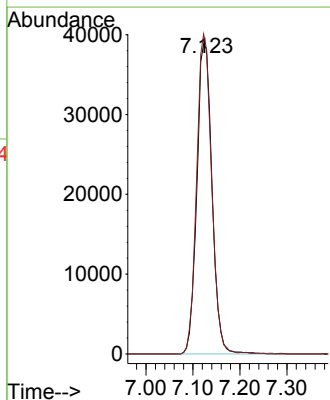
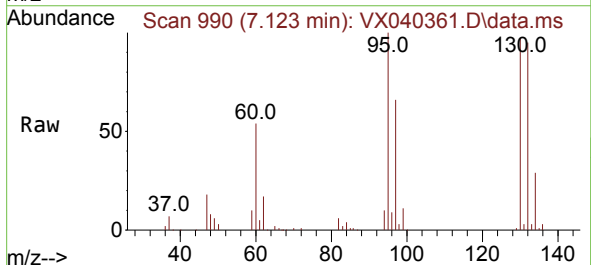
Instrument :
MSVOA_X
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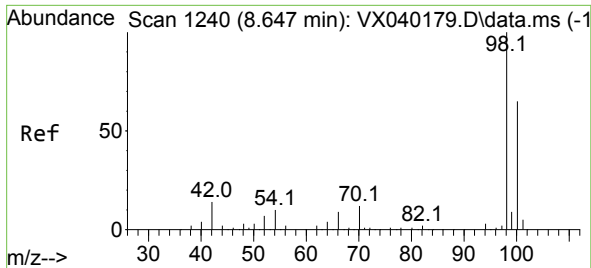
Tgt Ion: 83 Resp: 1242
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 134.8 36.7 55.1#



#44
Trichloroethene
Concen: 87.481 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

Tgt Ion:130 Resp: 87546
Ion Ratio Lower Upper
130 100
95 103.3 0.0 204.4

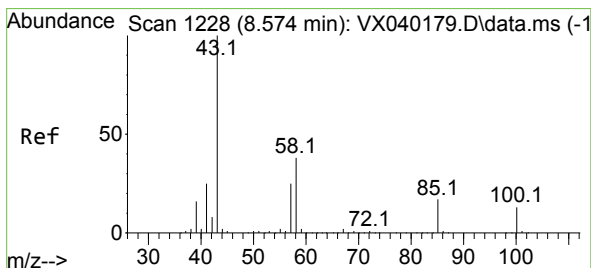
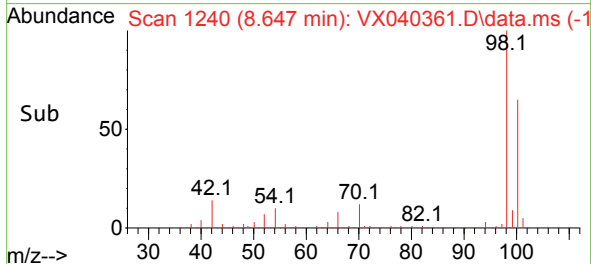
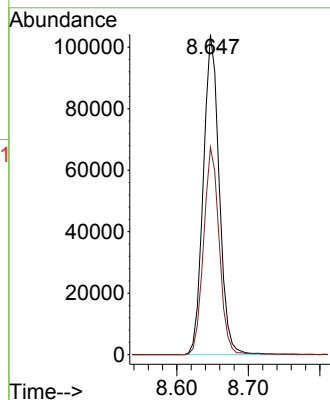
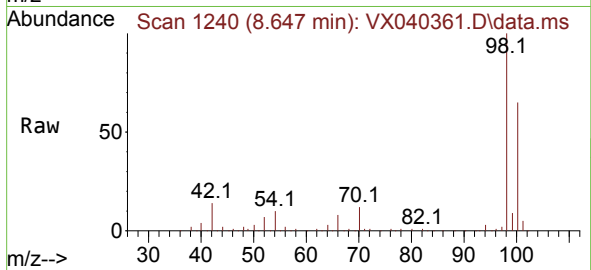




#50
Toluene-d8
Concen: 46.494 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

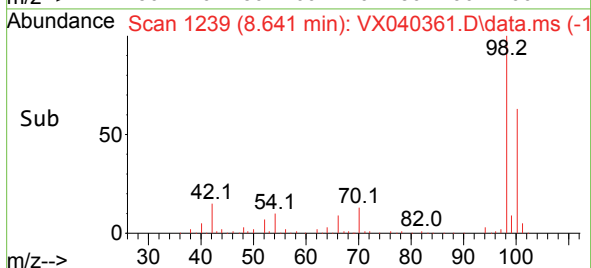
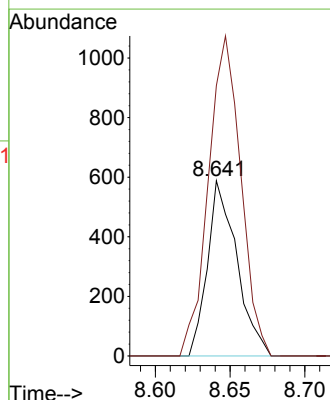
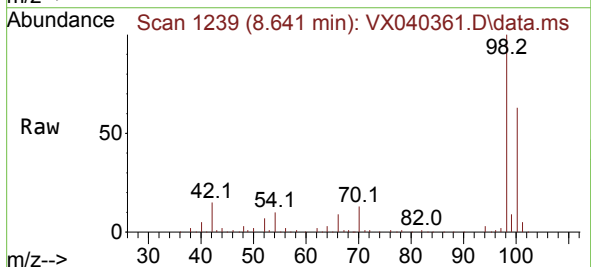
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20240216

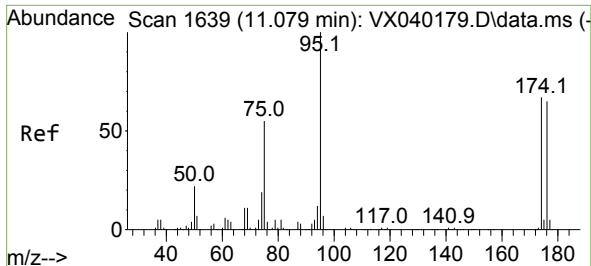
Tgt Ion: 98 Resp: 161072
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 201.9 30.4 45.6#

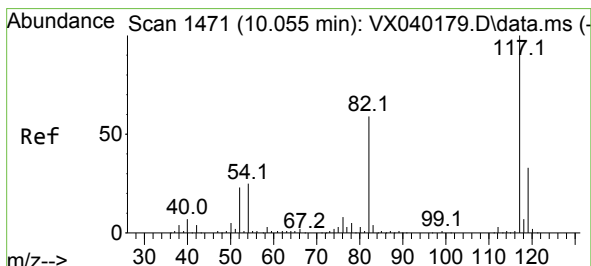
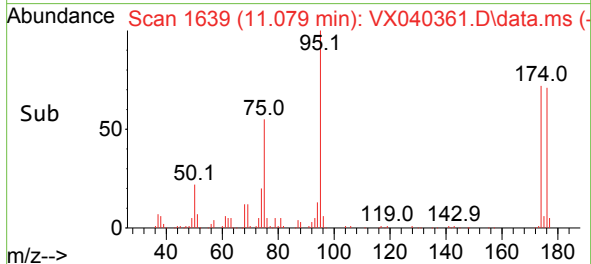
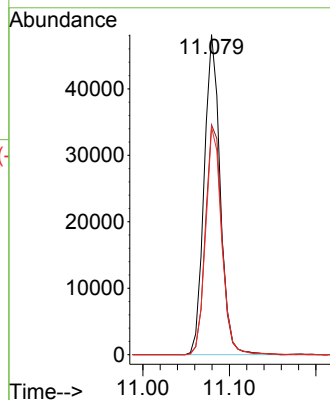
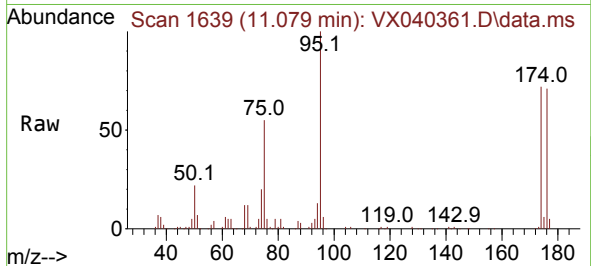




#62
4-Bromofluorobenzene
Concen: 43.720 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

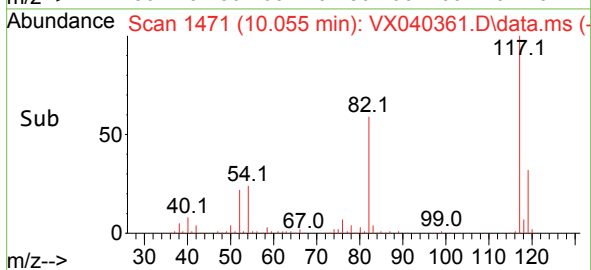
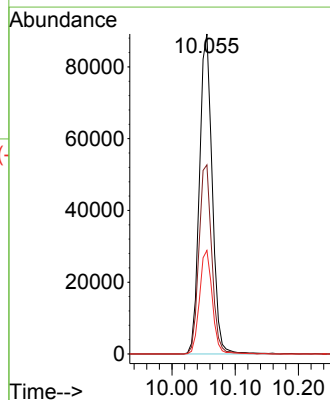
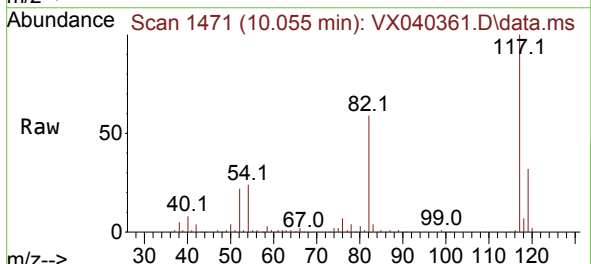
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20240216

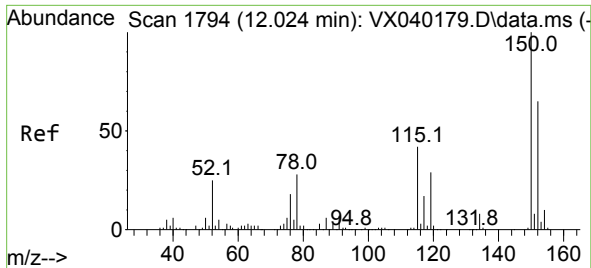
Tgt Ion: 95 Resp: 61772
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040361.D
Acq: 20 Feb 2024 16:56

Tgt Ion: 117 Resp: 125427
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.3 25.5 38.3

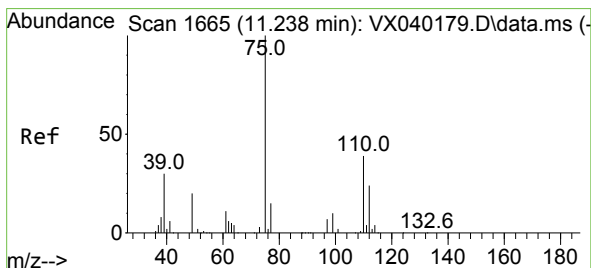
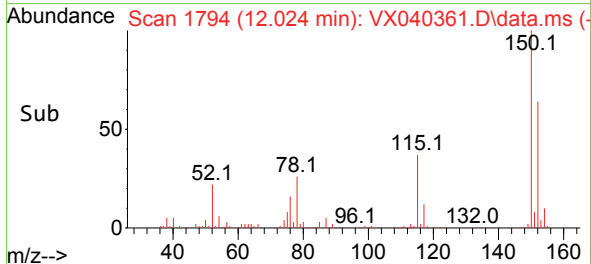
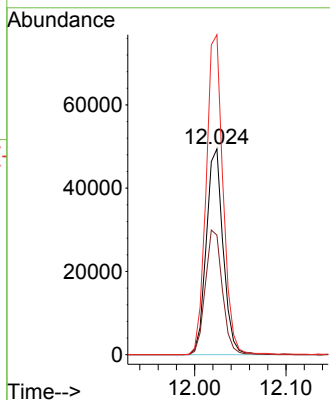
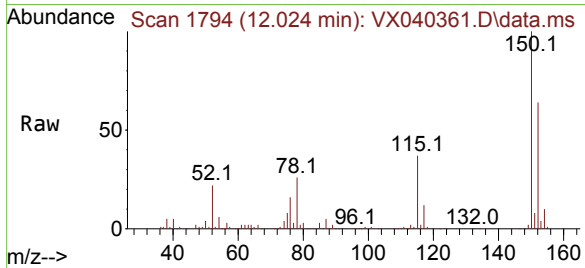




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040361.D
 Acq: 20 Feb 2024 16:56

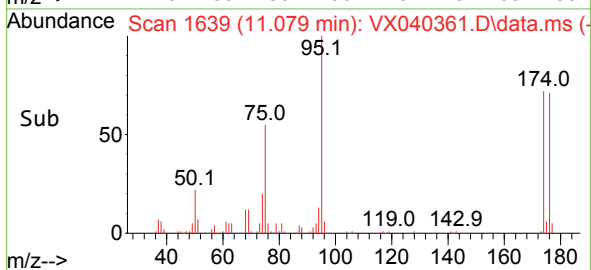
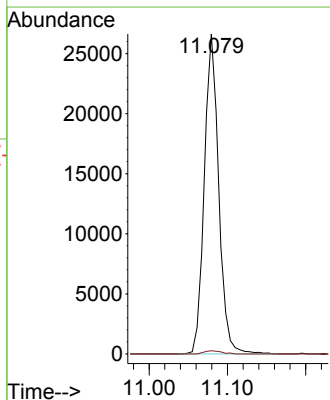
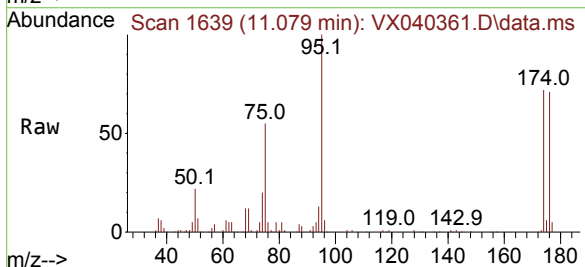
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20240216

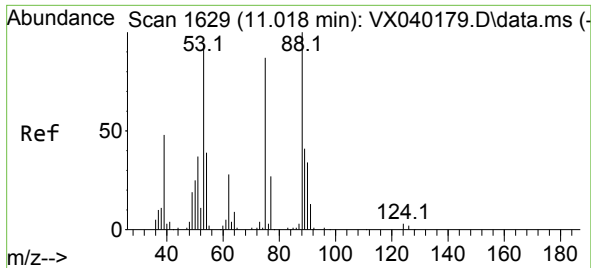
Tgt Ion:152 Resp: 63234
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 155.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.507 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040361.D
 Acq: 20 Feb 2024 16:56

Tgt Ion: 75 Resp: 33943
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.701 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040361.D
 Acq: 20 Feb 2024 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20240216

Tgt Ion: 75 Resp: 33943
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

