

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037254.D
 Acq On : 25 Aug 2023 07:36
 Operator : JC/MD
 Sample : 04077-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20230816

Quant Time: Aug 25 08:30:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

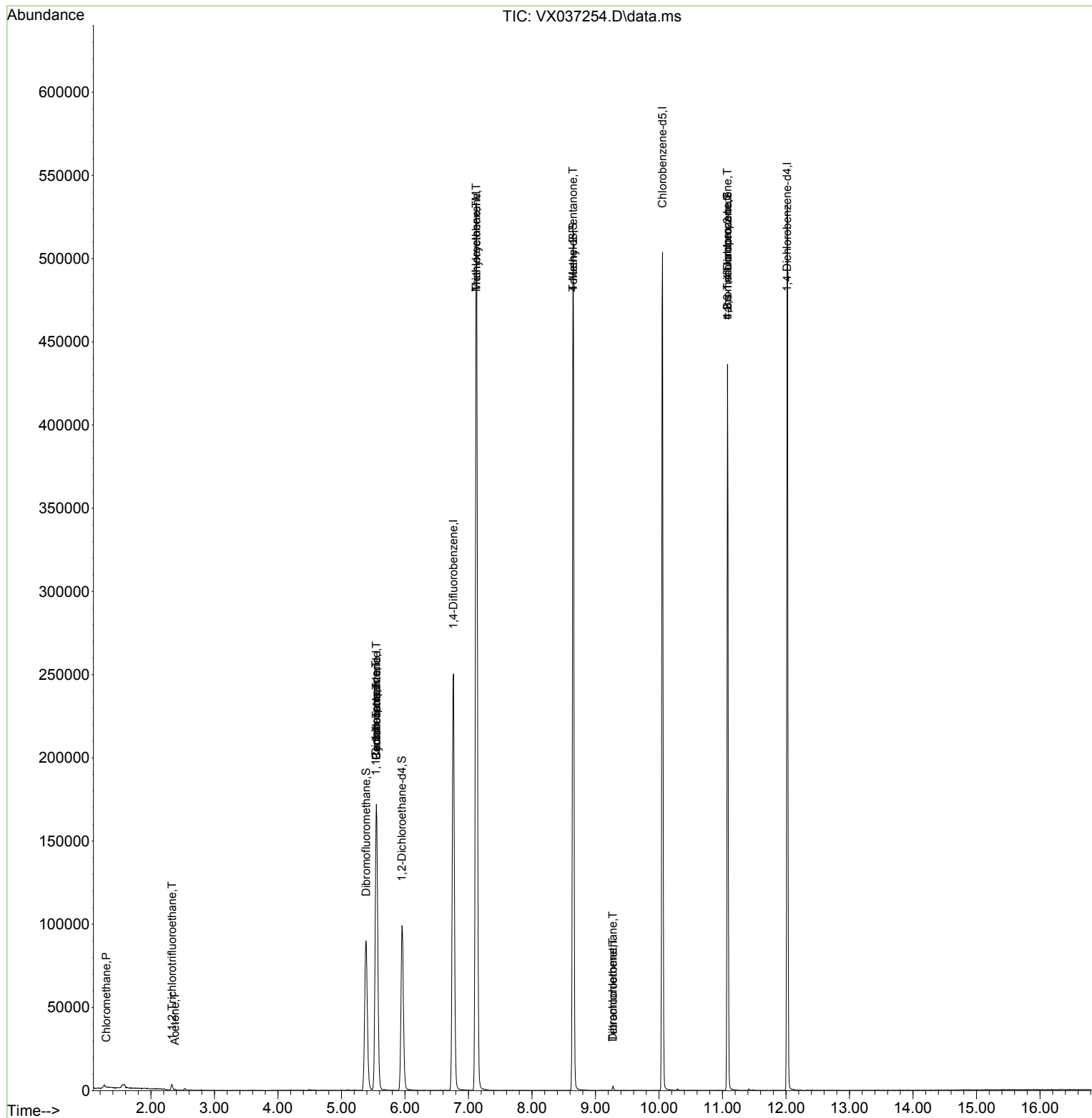
Internal Standards						
1) Pentafluorobenzene	5.550	168	160849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99281	42.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.620%
35) Dibromofluoromethane	5.385	113	80152	45.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.740%
50) Toluene-d8	8.647	98	308469	48.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	115392	46.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	357	0.218	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1479	0.870	ug/l	96
16) Acetone	2.380	43	668	0.736	ug/l #	85
31) Cyclohexane	5.550	56	3331	1.278	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12723	5.125	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17470	6.478	ug/l #	15
39) Methylcyclohexane	7.123	83	2422	0.929	ug/l #	1
44) Trichloroethene	7.123	130	212264	105.138	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1181	0.483	ug/l #	1
60) Dibromochloromethane	9.275	129	435	0.213	ug/l #	11
64) Tetrachloroethene	9.275	164	448	0.261	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	58984	25.761	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58984	71.952	ug/l #	5

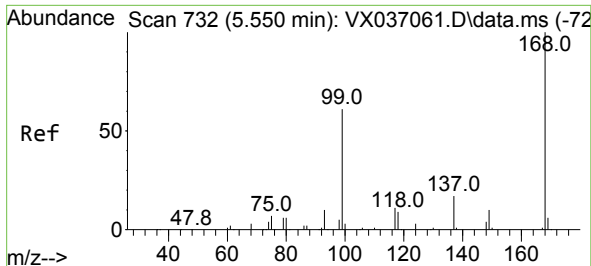
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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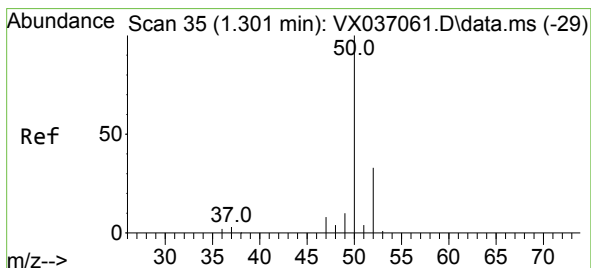
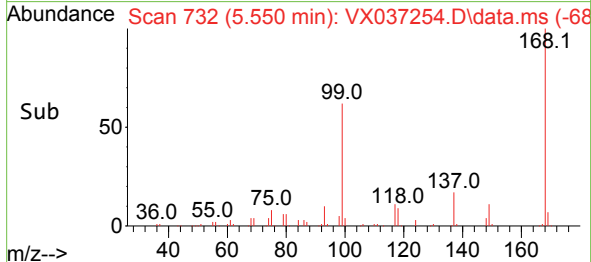
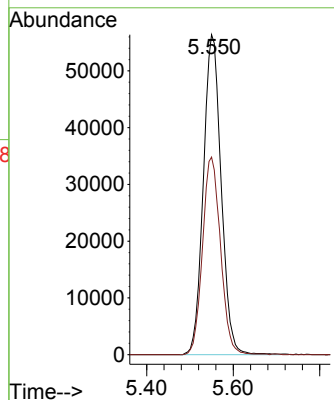
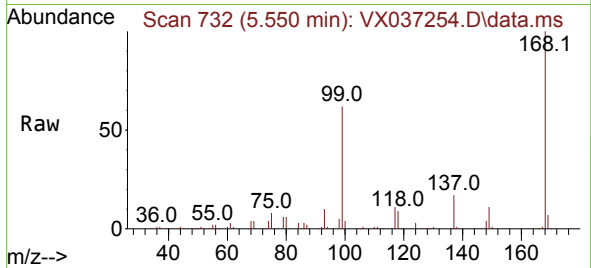




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

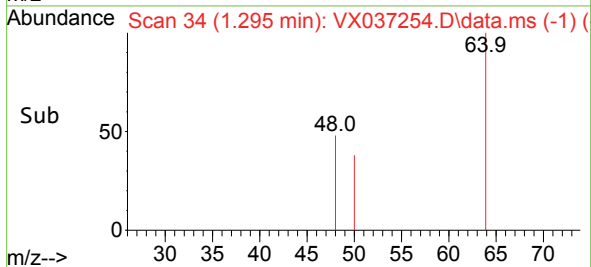
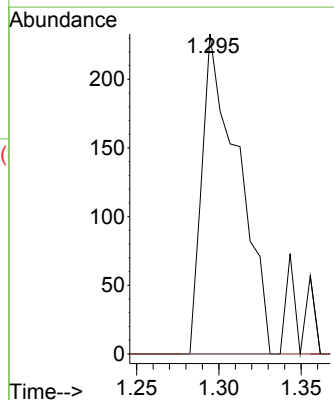
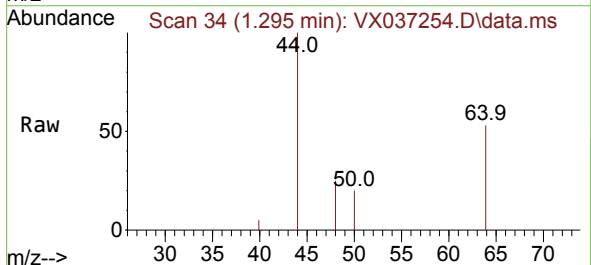
Instrument :
MSVOA_X
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RE103D3-20230816

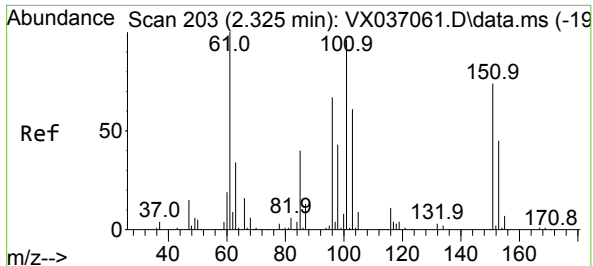
Tgt Ion:168 Resp: 160849
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Tgt Ion: 50 Resp: 357
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

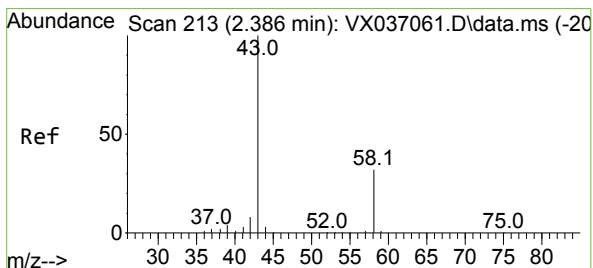
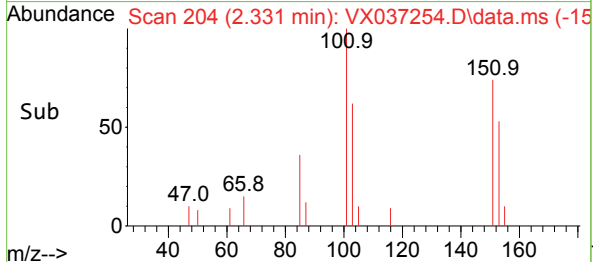
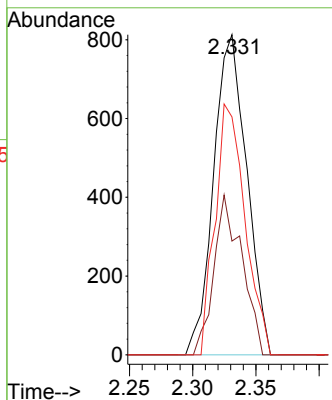
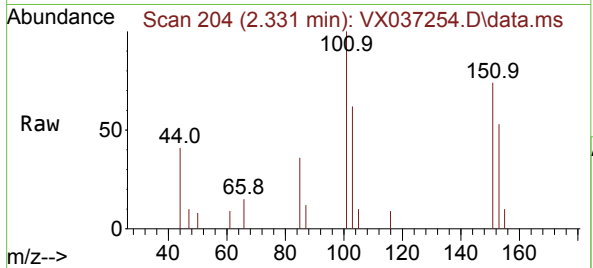




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.870 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

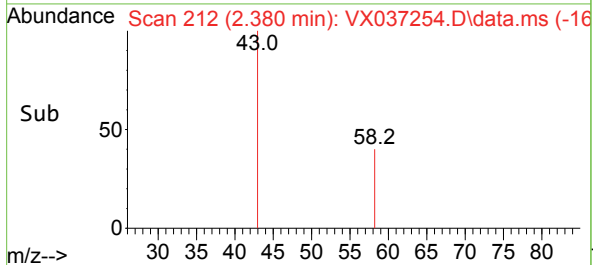
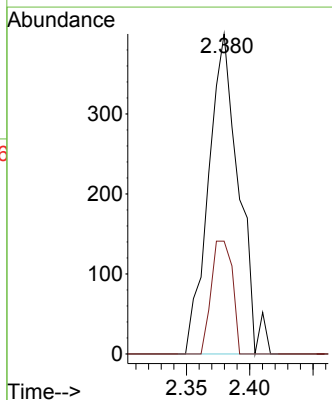
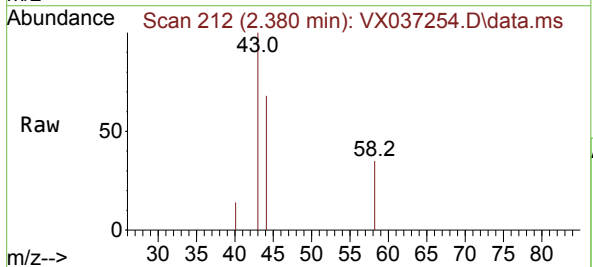
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20230816

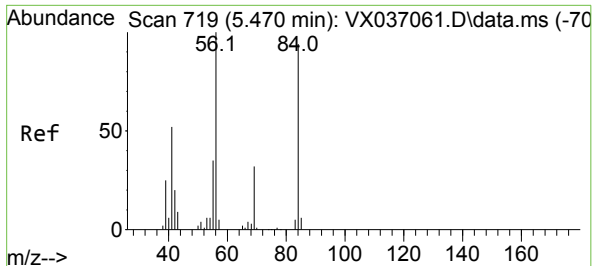
Tgt Ion:101 Resp: 1479
Ion Ratio Lower Upper
101 100
85 42.3 37.0 55.6
151 70.8 58.6 87.8



#16
Acetone
Concen: 0.736 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

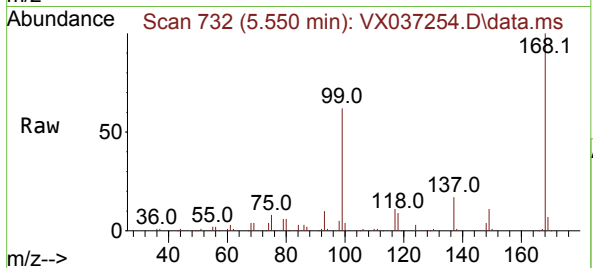
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#



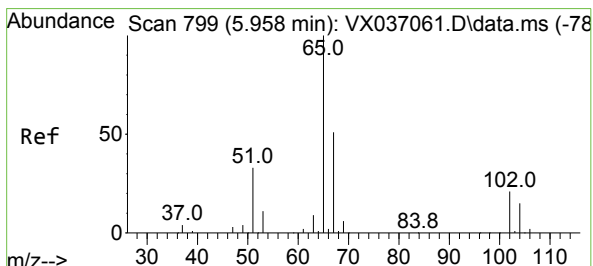
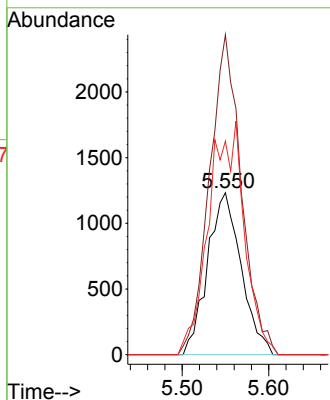
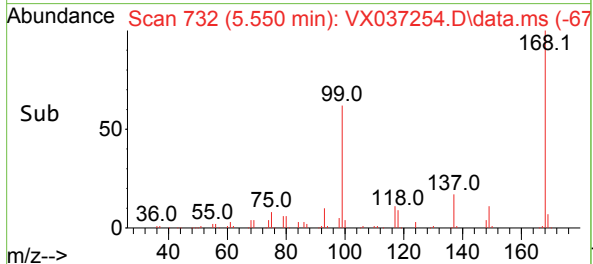


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20230816

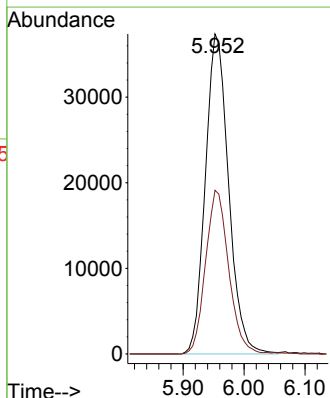
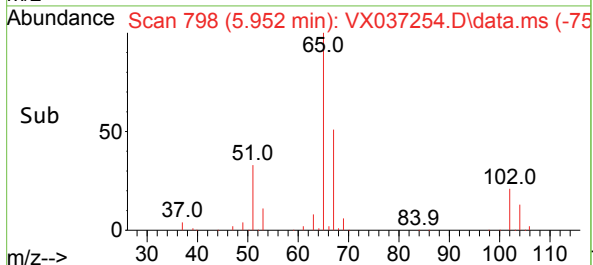
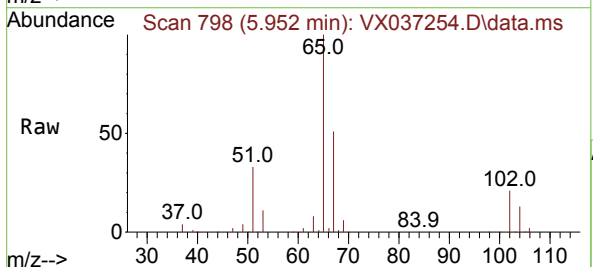


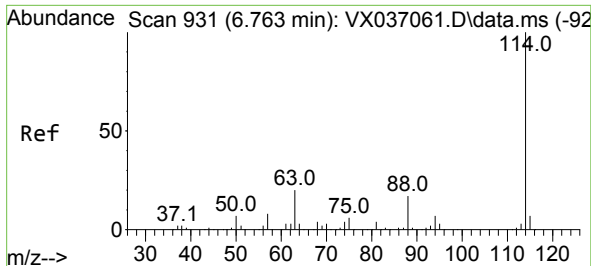
Tgt Ion: 56 Resp: 3331
Ion Ratio Lower Upper
56 100
69 197.6 23.4 35.2#
84 131.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.813 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Tgt Ion: 65 Resp: 99281
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

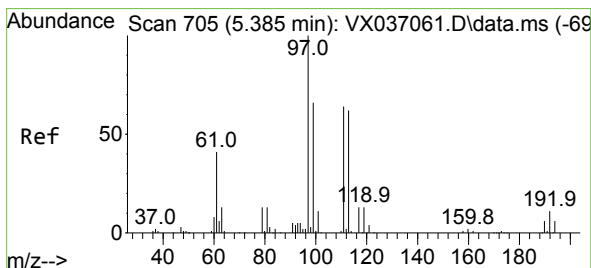
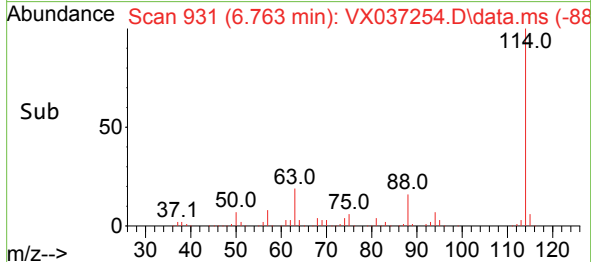
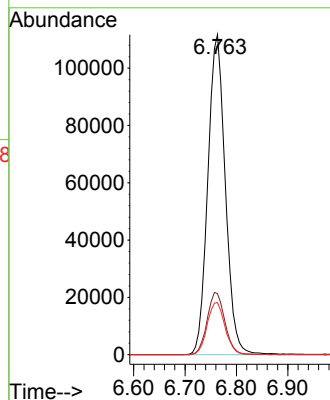
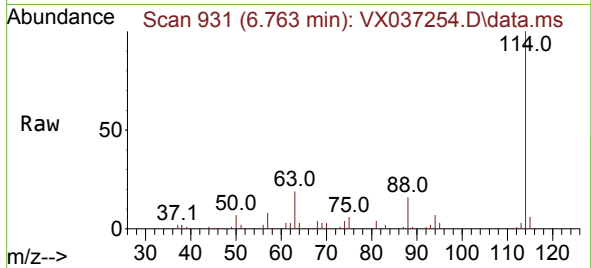




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

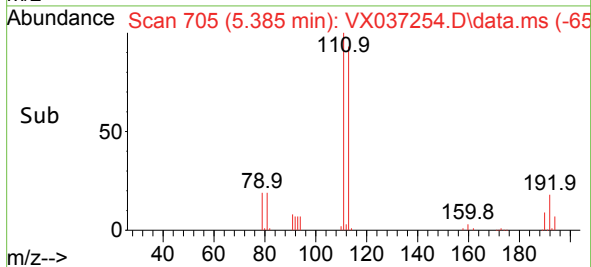
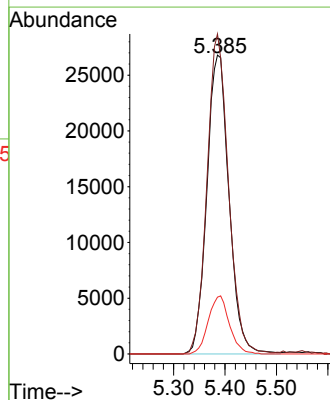
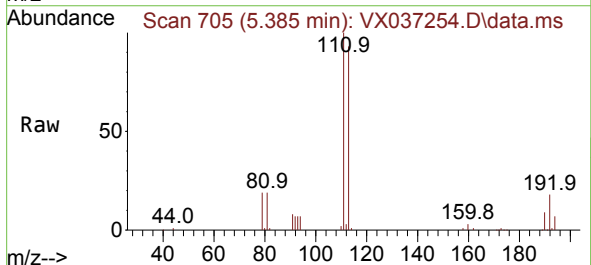
Instrument :
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ClientSampleId :
RE103D3-20230816

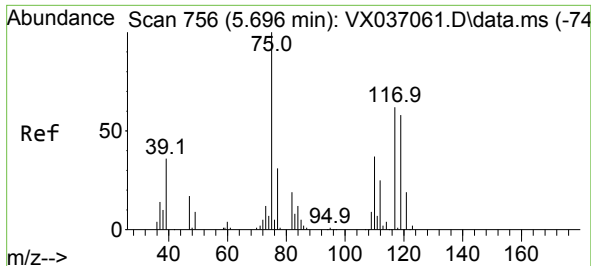
Tgt Ion:114 Resp: 263844
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.870 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Tgt Ion:113 Resp: 80152
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.5 13.3 19.9

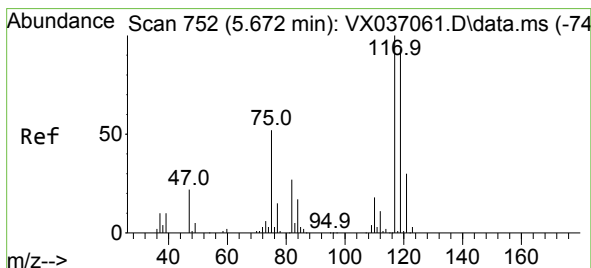
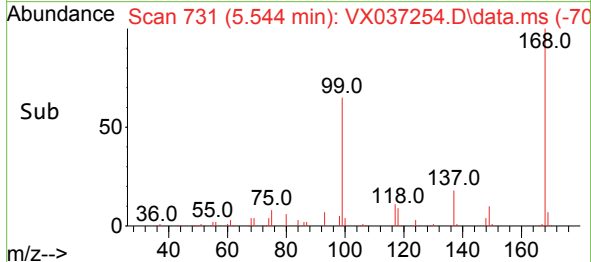
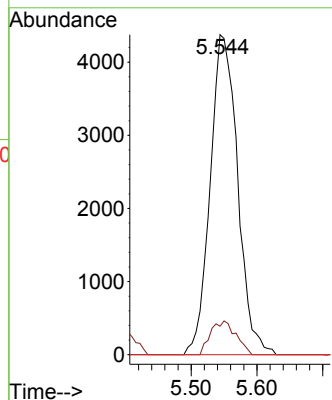
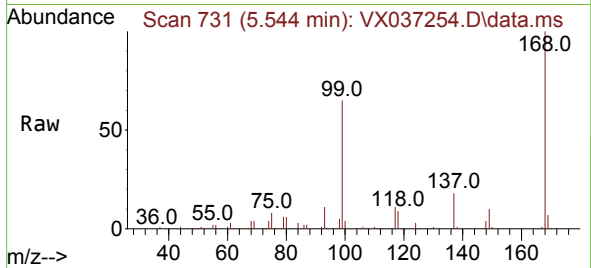




#36
1,1-Dichloropropene
Concen: 5.125 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

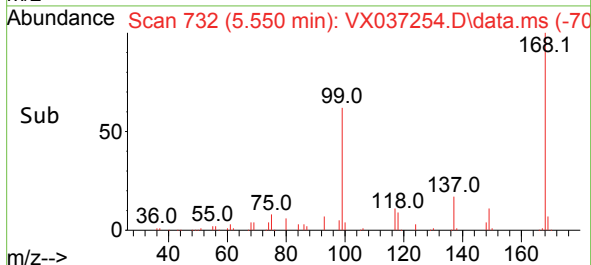
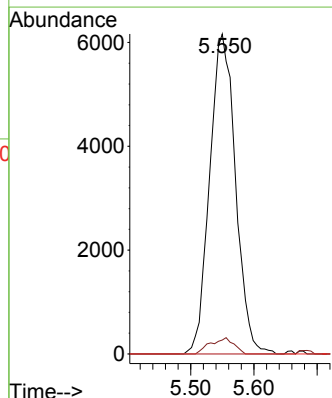
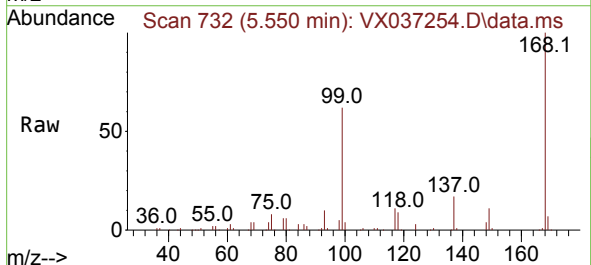
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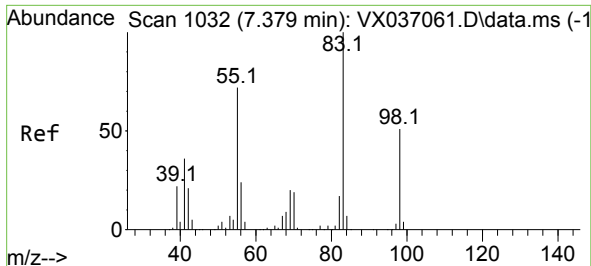
Tgt Ion: 75 Resp: 12723
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.478 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Tgt Ion: 117 Resp: 17470
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

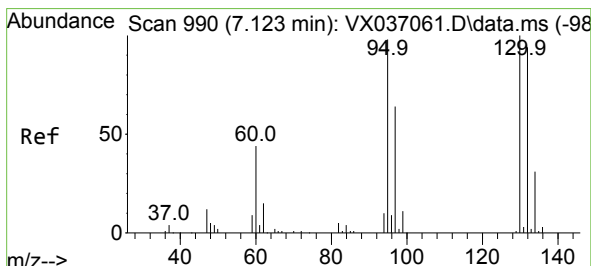
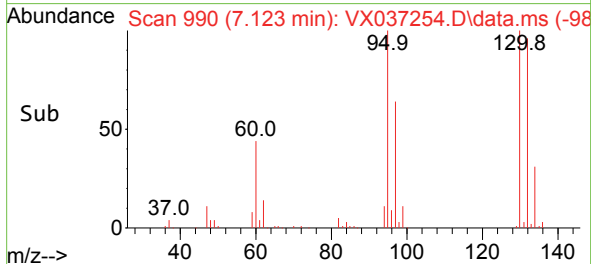
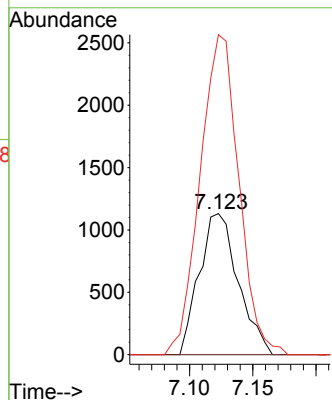
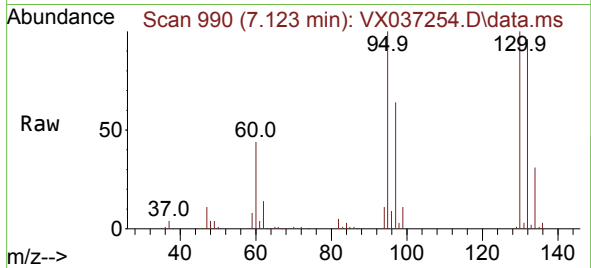




#39
Methylcyclohexane
Concen: 0.929 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

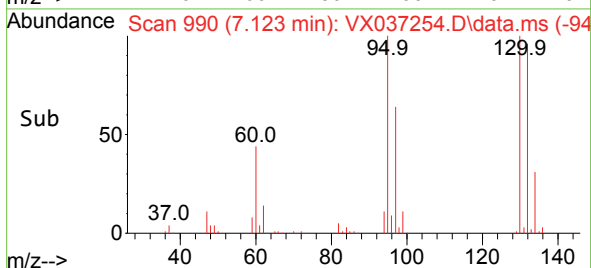
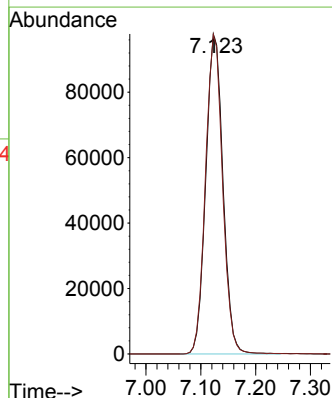
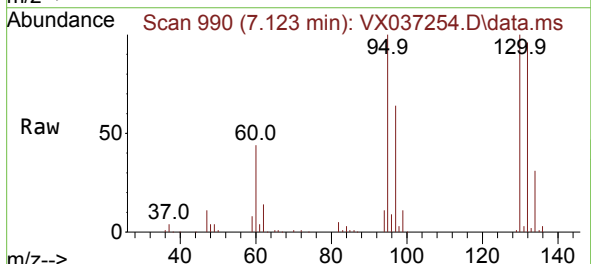
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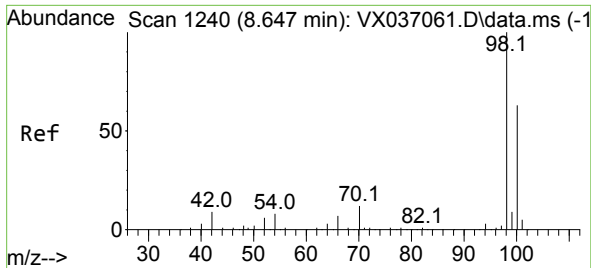
Tgt Ion: 83 Resp: 2422
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 221.5 36.7 55.1#



#44
Trichloroethene
Concen: 105.138 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Tgt Ion:130 Resp: 212264
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.4

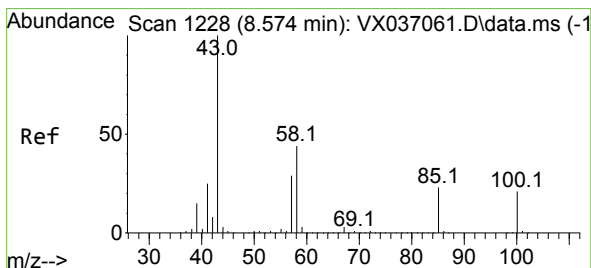
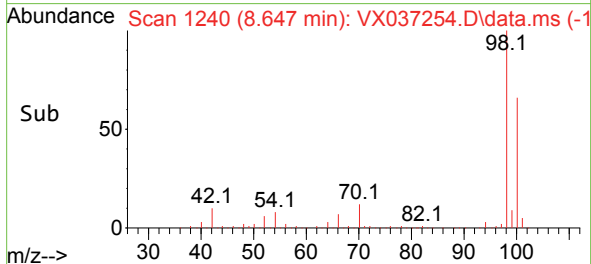
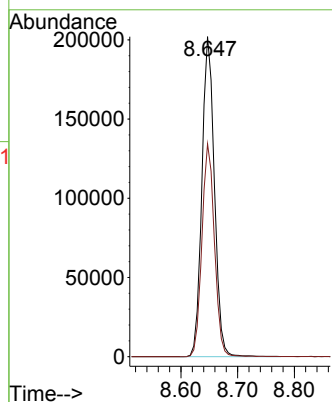
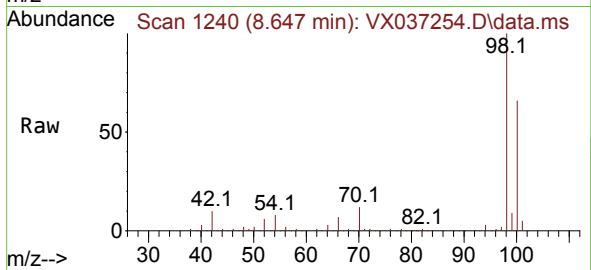




#50
Toluene-d8
Concen: 48.667 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

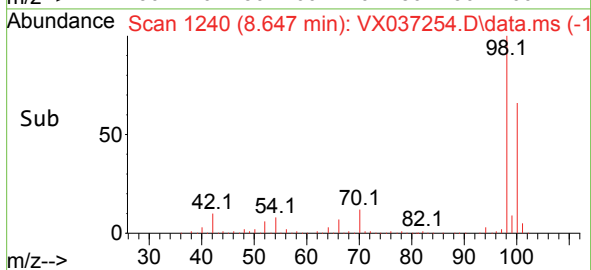
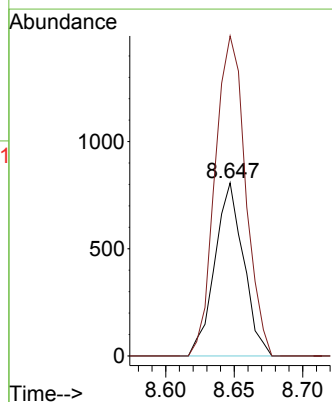
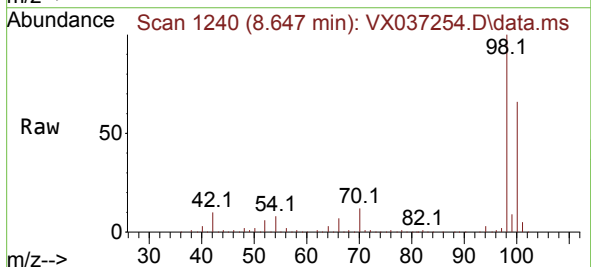
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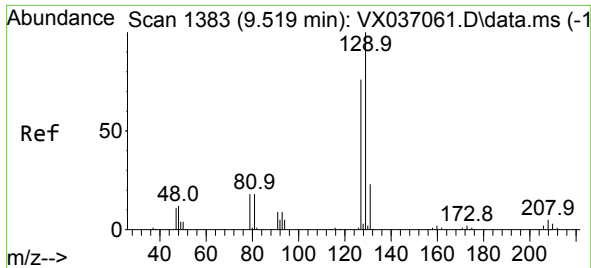
Tgt Ion: 98 Resp: 308469
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.483 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 195.9 30.4 45.6#

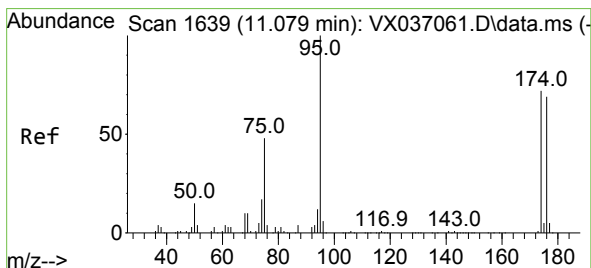
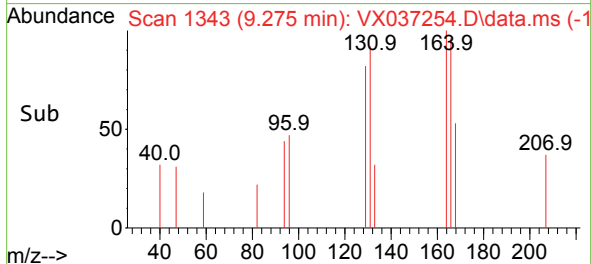
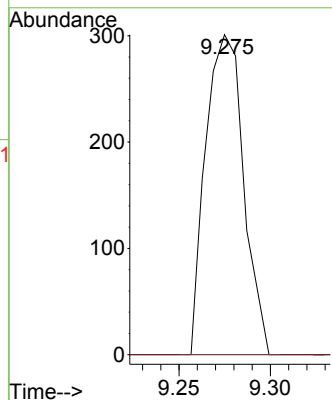
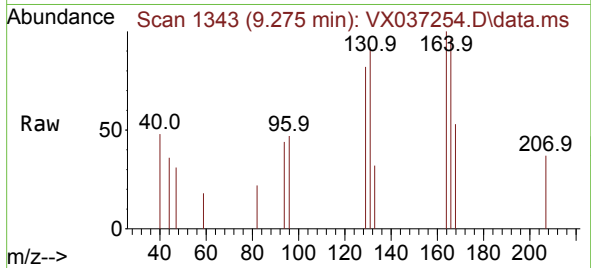




#60
 Dibromochloromethane
 Concen: 0.213 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.244 min
 Lab File: VX037254.D
 Acq: 25 Aug 2023 07:36

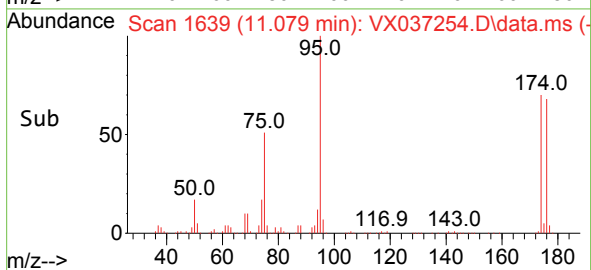
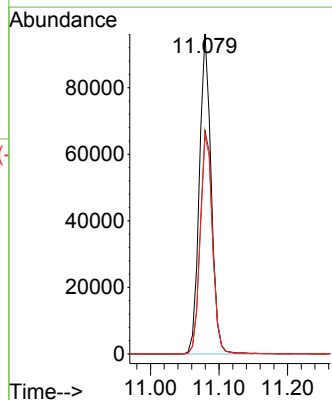
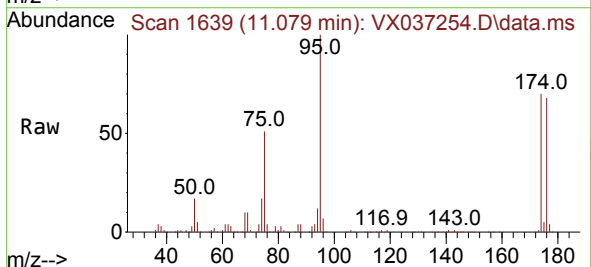
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20230816

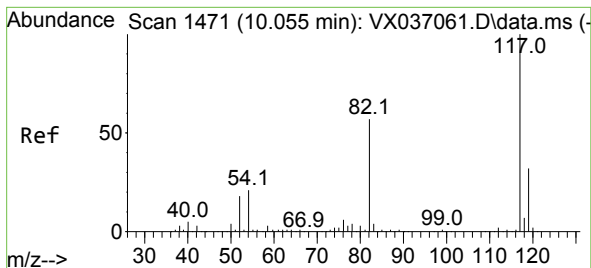
Tgt Ion:129 Resp: 435
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#



#62
 4-Bromofluorobenzene
 Concen: 46.325 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX037254.D
 Acq: 25 Aug 2023 07:36

Tgt Ion: 95 Resp: 115392
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 135.6
 176 71.2 0.0 131.0

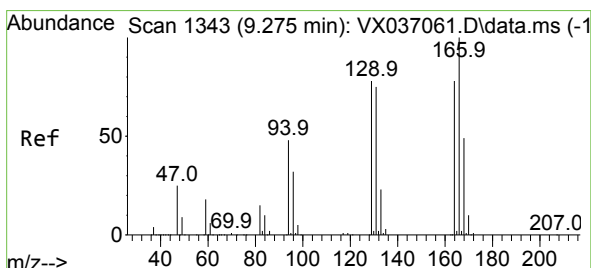
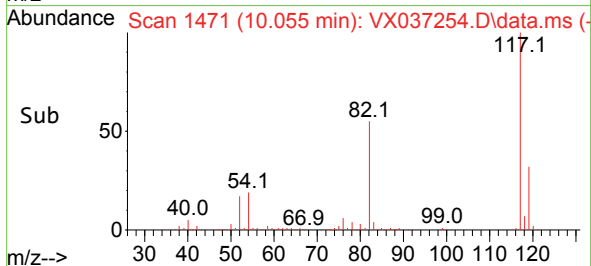
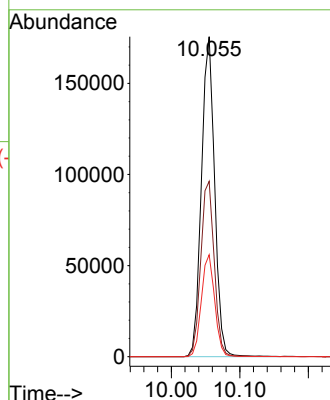
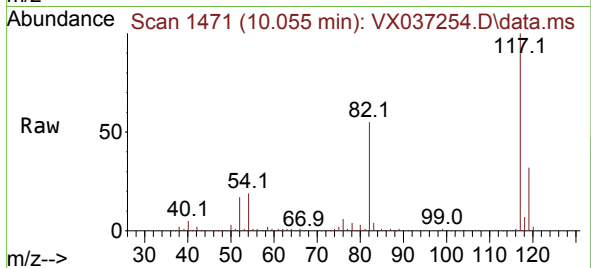




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

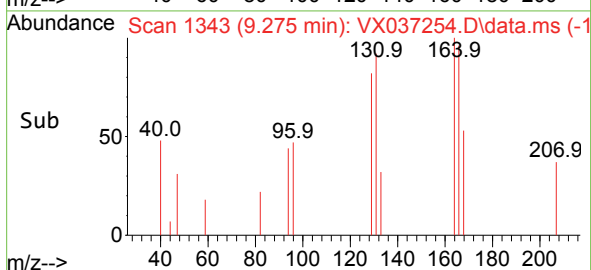
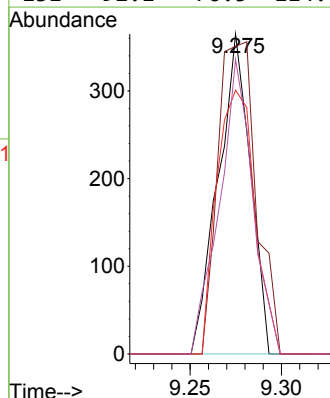
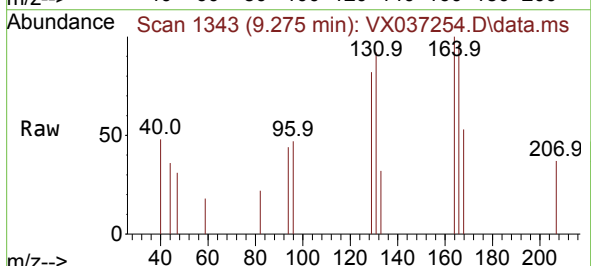
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20230816

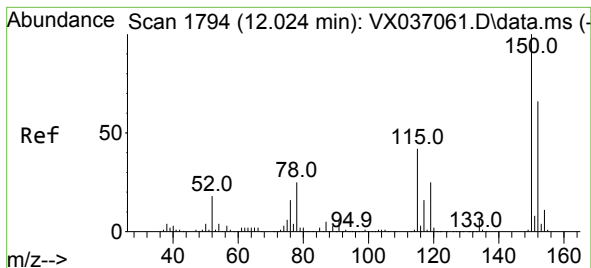
Tgt Ion:117 Resp: 235561
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.261 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Tgt Ion:164 Resp: 448
Ion Ratio Lower Upper
164 100
166 96.2 102.7 154.1#
129 82.5 80.4 120.6
131 92.1 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037254.D

Acq: 25 Aug 2023 07:36

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20230816

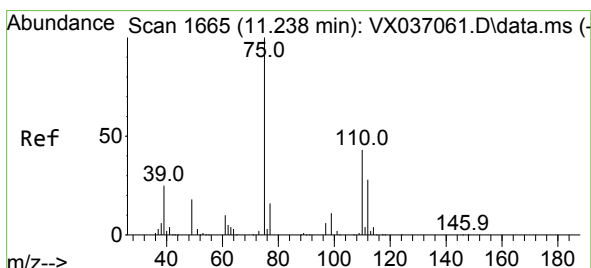
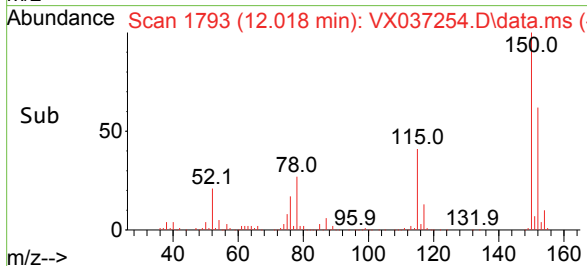
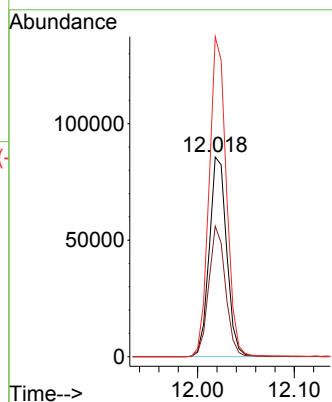
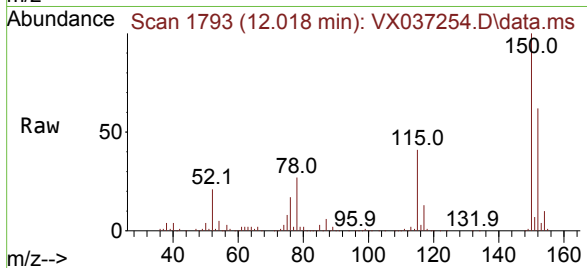
Tgt Ion:152 Resp: 107512

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 158.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.761 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037254.D

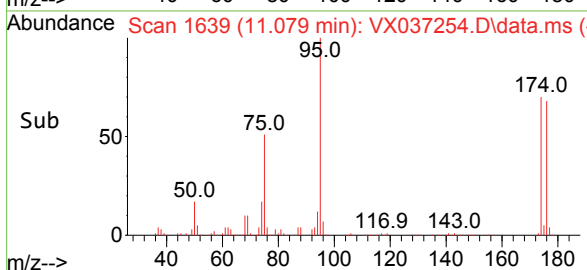
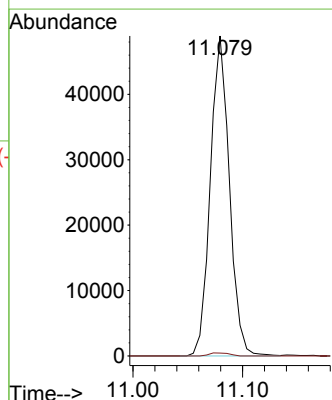
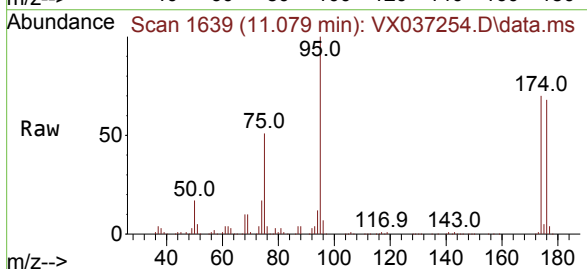
Acq: 25 Aug 2023 07:36

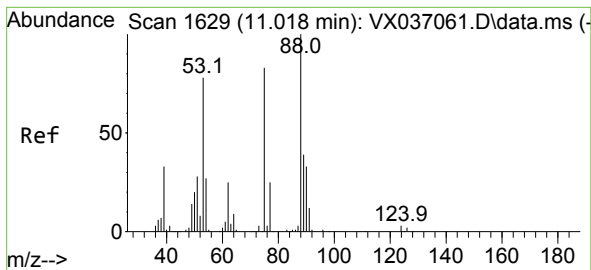
Tgt Ion: 75 Resp: 58984

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.952 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037254.D
 Acq: 25 Aug 2023 07:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20230816

Tgt Ion: 75 Resp: 58984
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

