

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037893.D
 Acq On : 25 Sep 2023 13:43
 Operator : JC/MD
 Sample : 04590-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 06:57:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

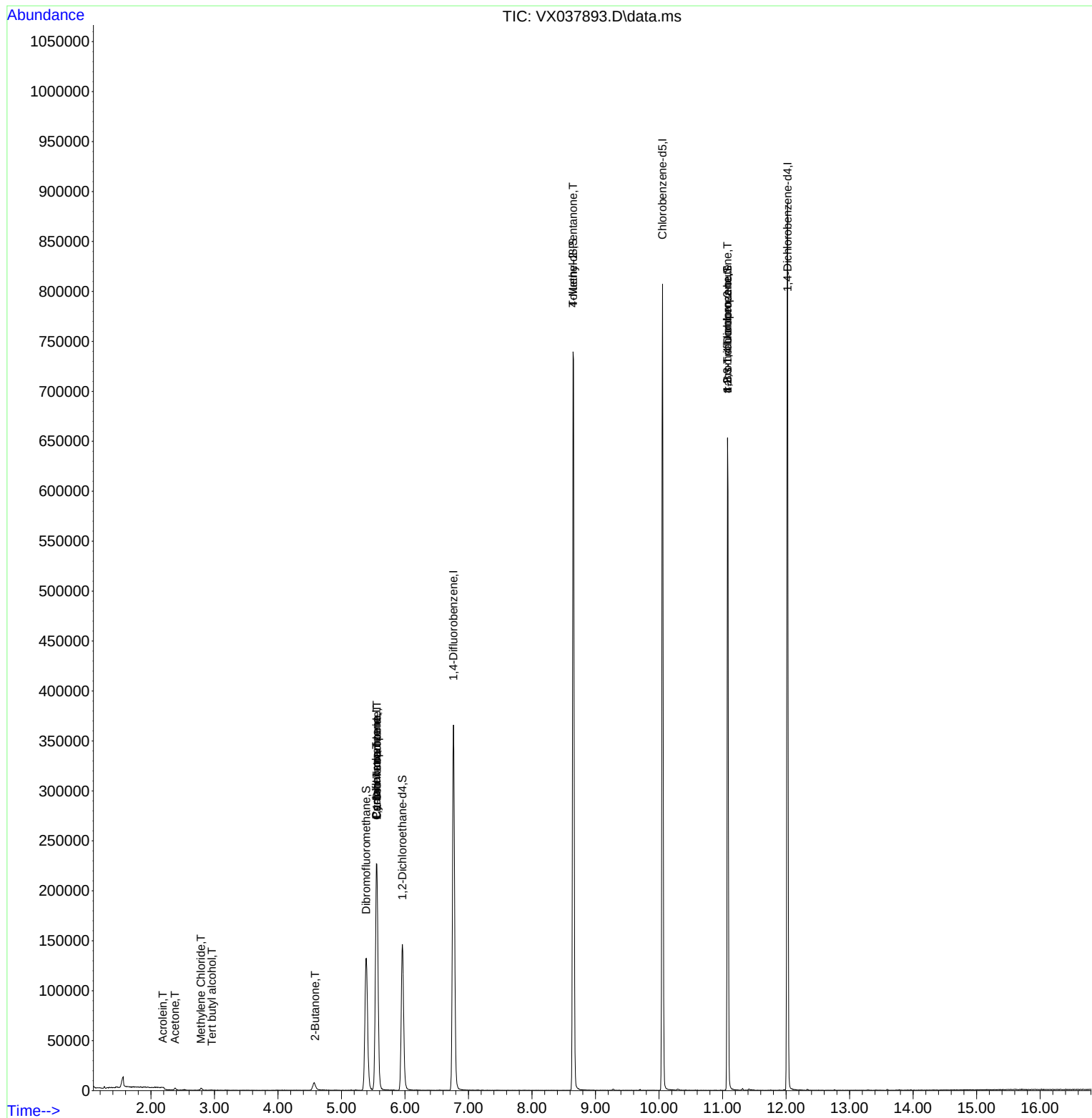
Internal Standards						
1) Pentafluorobenzene	5.550	168	223535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	383987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140873	47.966	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.940%		
35) Dibromofluoromethane	5.385	113	118312	46.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.100%		
50) Toluene-d8	8.647	98	461224	48.314	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.620%		
62) 4-Bromofluorobenzene	11.079	95	170043	49.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	127	0.201	ug/l #	78
13) Acrolein	2.184	56	128	0.206	ug/l #	68
16) Acetone	2.380	43	2185	1.547	ug/l	92
20) Methylene Chloride	2.788	84	1033	0.370	ug/l #	75
25) 2-Butanone	4.586	43	624	0.313	ug/l #	51
31) Cyclohexane	5.550	56	4701	1.247	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17140	4.843	ug/l #	51
38) Carbon Tetrachloride	5.556	117	22756	6.145	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1837	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	87646	19.860	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	87646	63.619	ug/l #	5

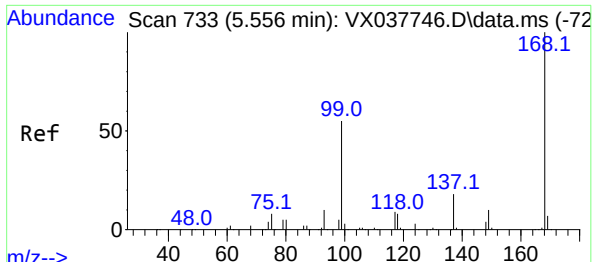
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
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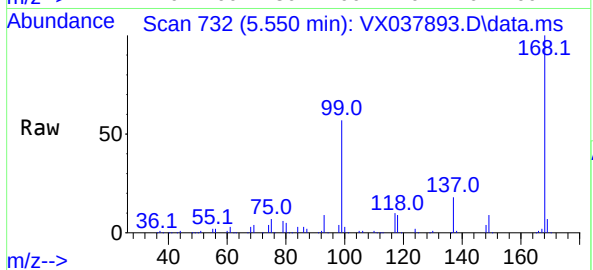
Quant Time: Sep 26 06:57:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
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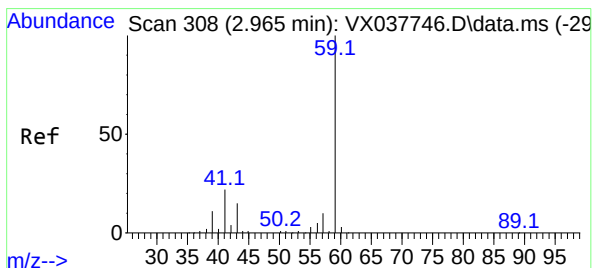
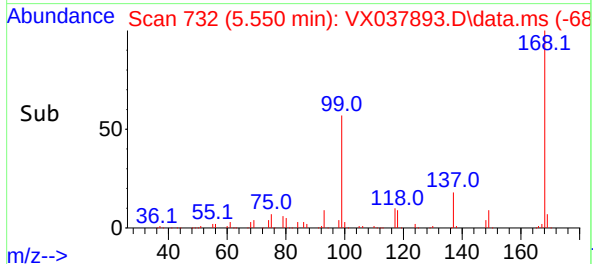
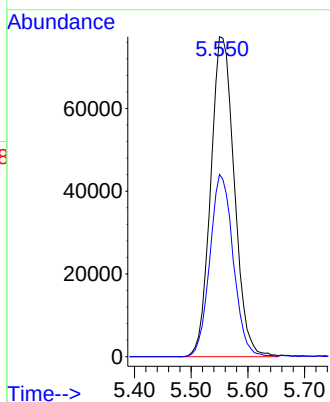


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :

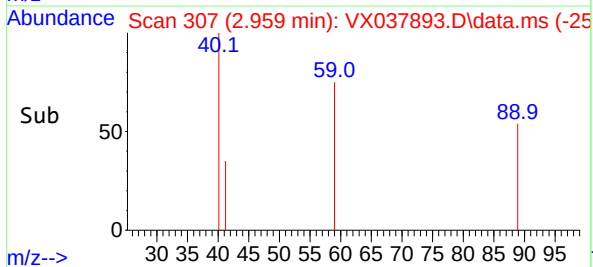
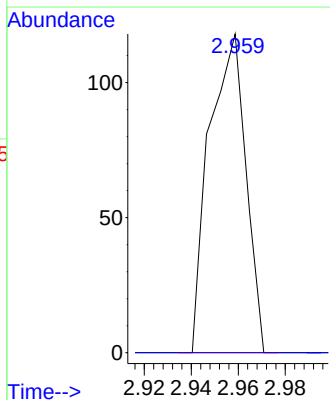
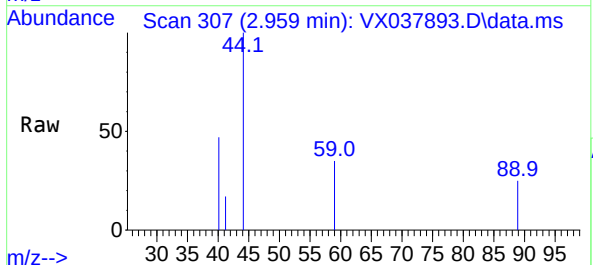


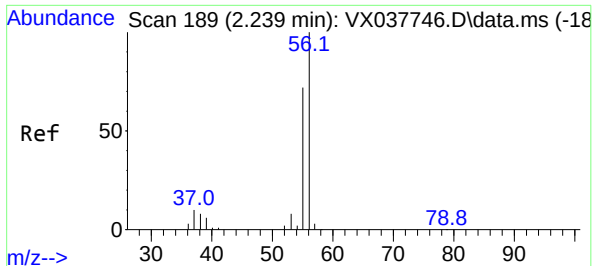
Tgt Ion:168 Resp: 223535
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.201 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

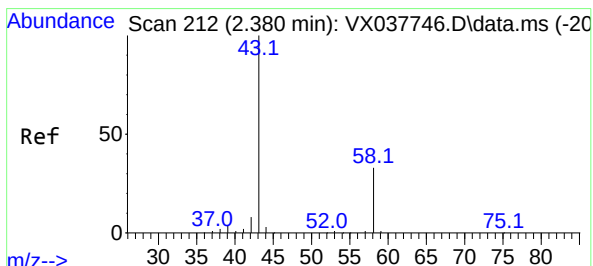
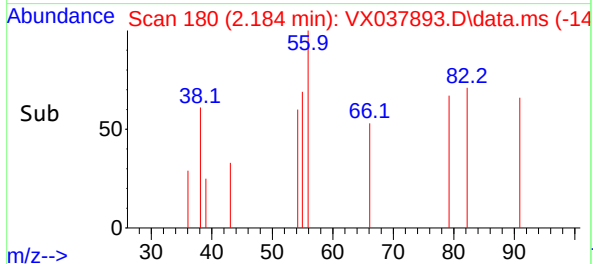
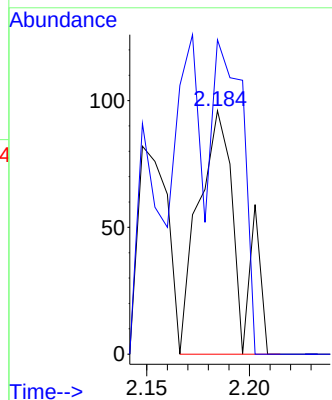
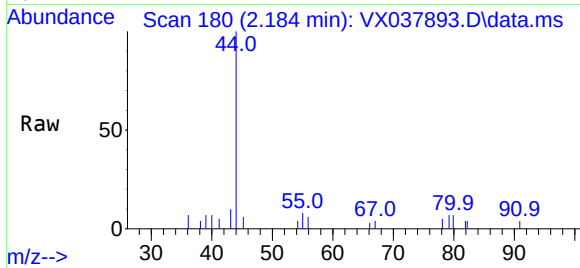




#13
Acrolein
Concen: 0.206 ug/l
RT: 2.184 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

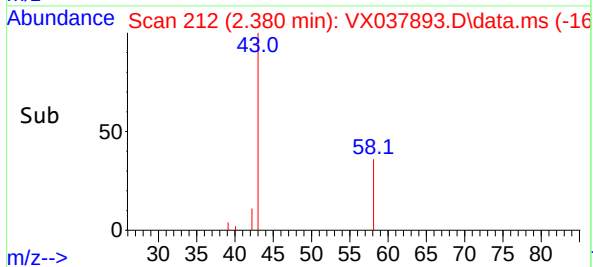
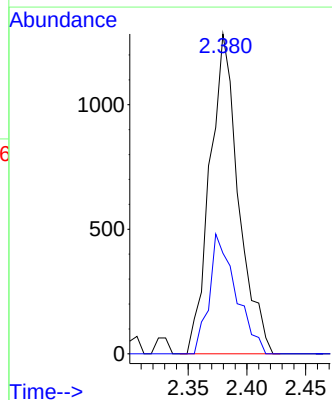
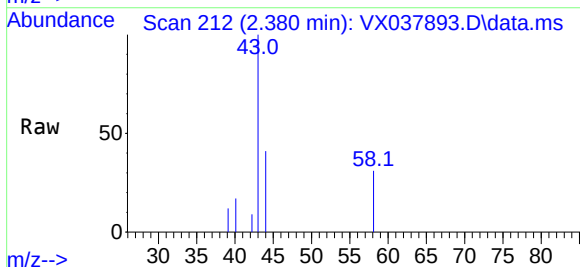
Instrument :
MSVOA_X
ClientSampleId :

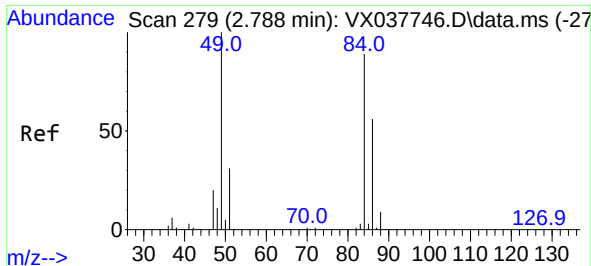
Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 97.7 57.1 85.7#



#16
Acetone
Concen: 1.547 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

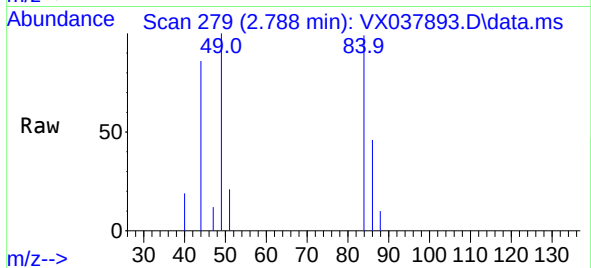
Tgt Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





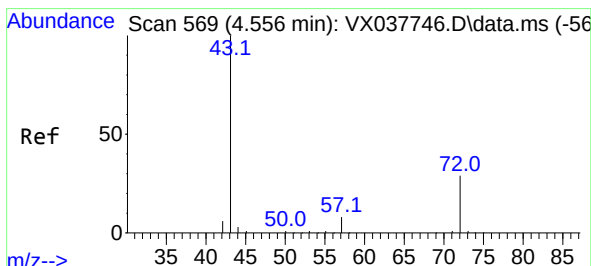
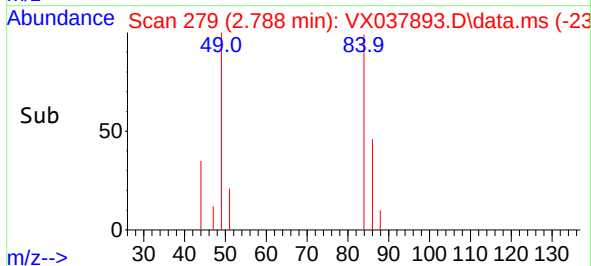
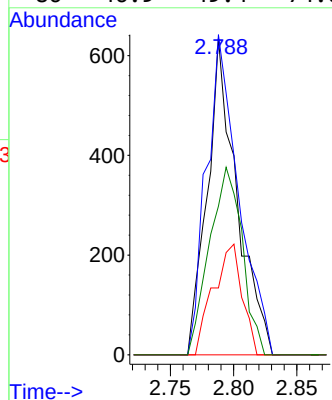
#20
Methylene Chloride
Concen: 0.370 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1033

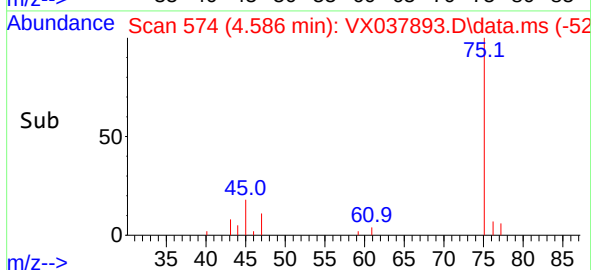
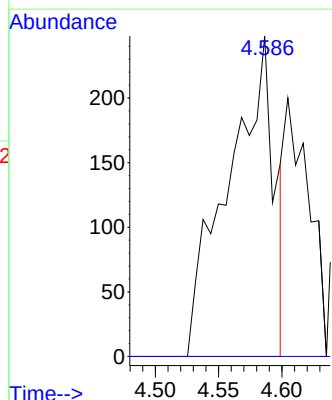
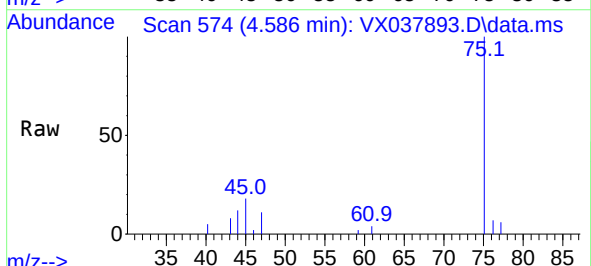
Ion	Ratio	Lower	Upper
84	100		
49	101.1	103.6	155.4#
51	21.1	33.8	50.6#
86	46.9	49.4	74.0#

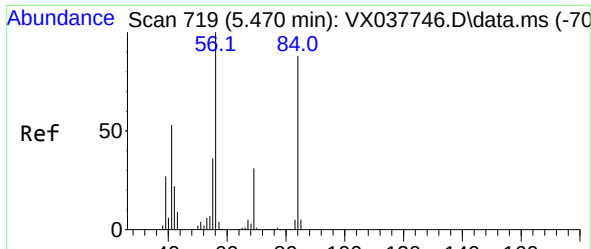


#25
2-Butanone
Concen: 0.313 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Tgt Ion: 43 Resp: 624

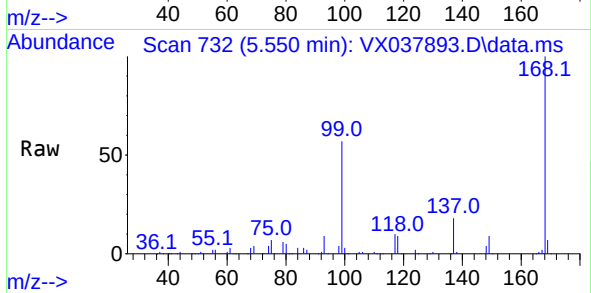
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



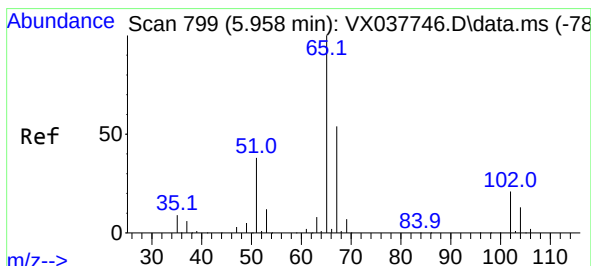
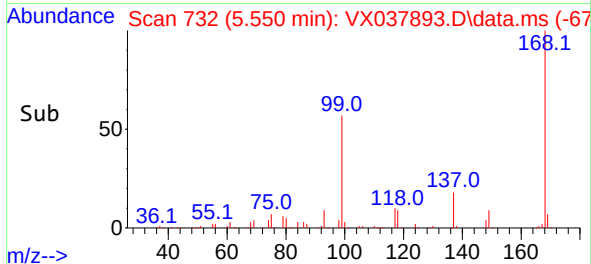
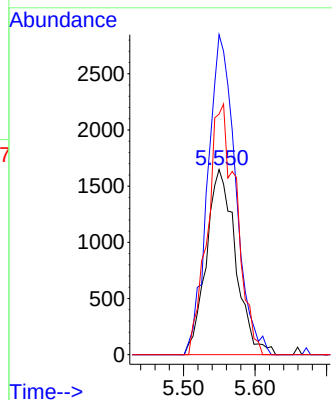


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :

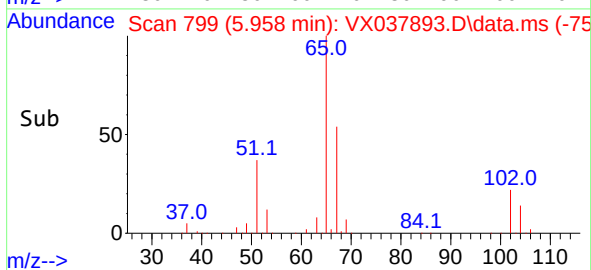
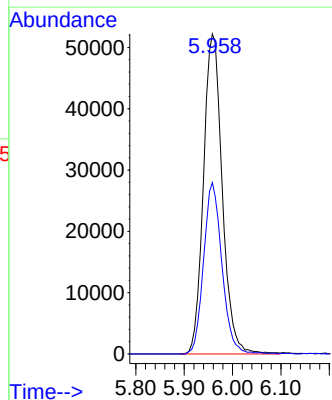
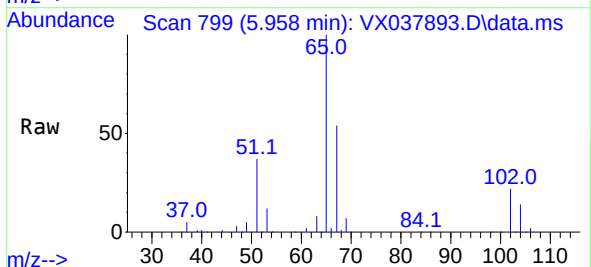


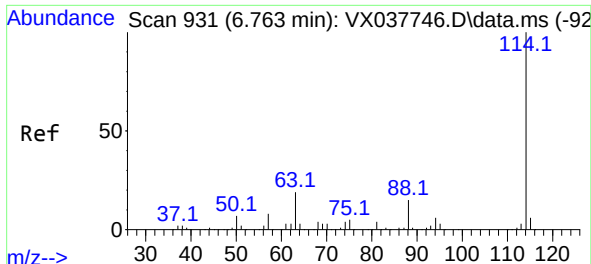
Tgt Ion: 56 Resp: 4701
Ion Ratio Lower Upper
56 100
69 172.8 23.4 35.2#
84 130.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.966 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Tgt Ion: 65 Resp: 140873
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

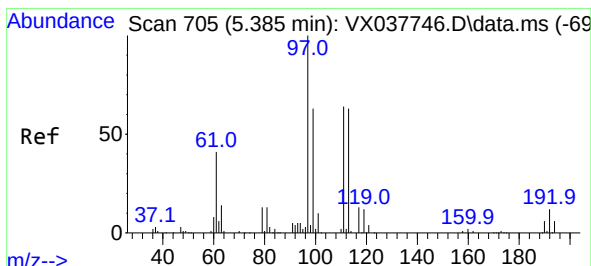
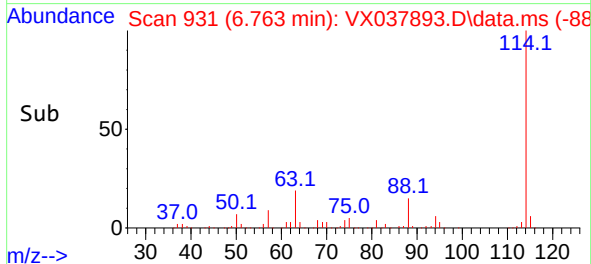
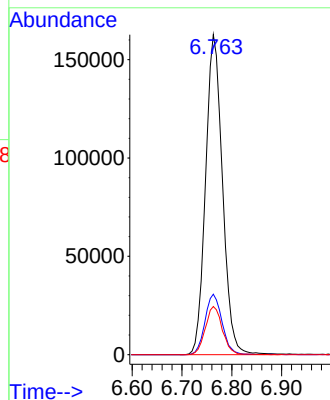
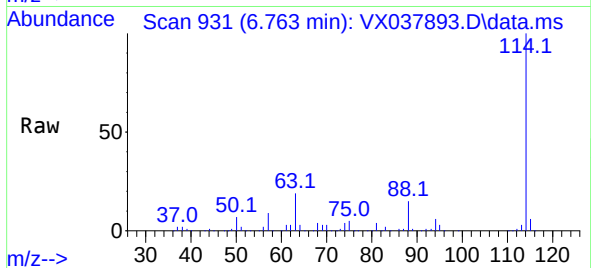




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

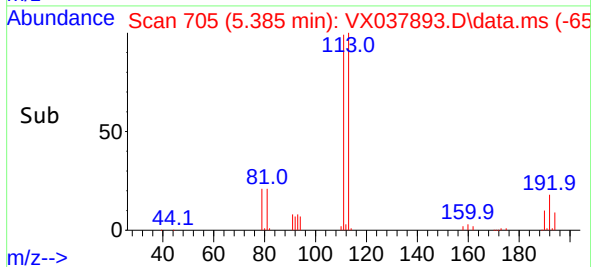
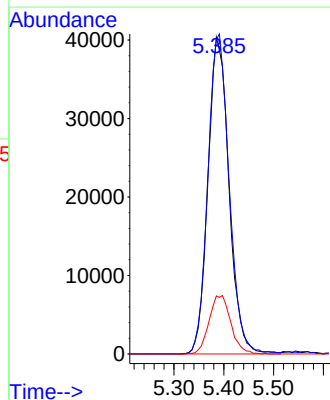
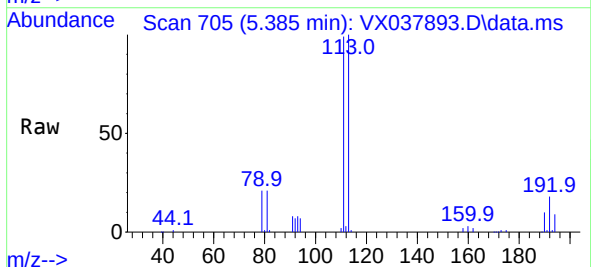
Instrument :
MSVOA_X
ClientSampleId :

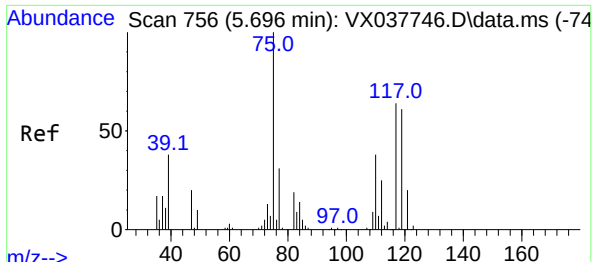
Tgt Ion:114 Resp: 383987
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.049 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Tgt Ion:113 Resp: 118312
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

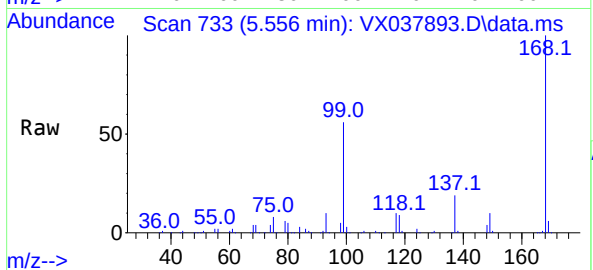
Lab File: VX037893.D

Acq: 25 Sep 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :



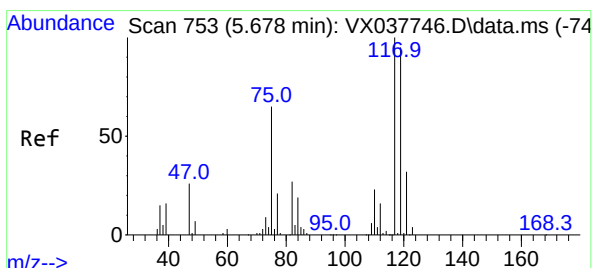
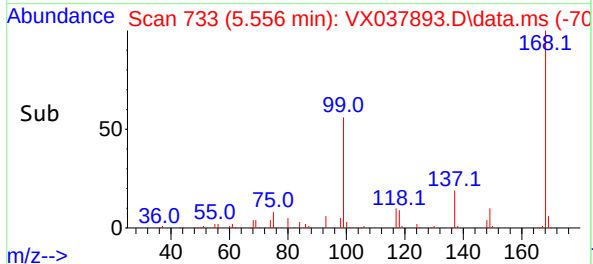
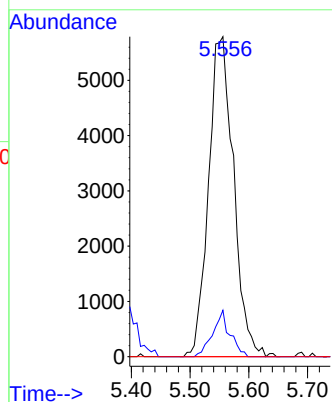
Tgt Ion: 75 Resp: 17140

Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.145 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX037893.D

Acq: 25 Sep 2023 13:43

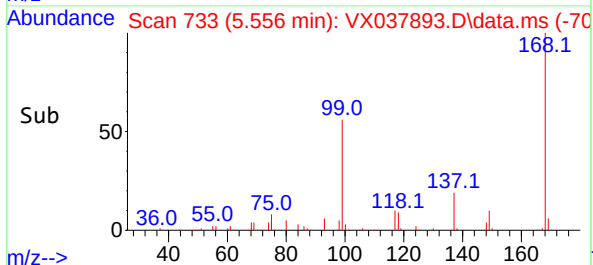
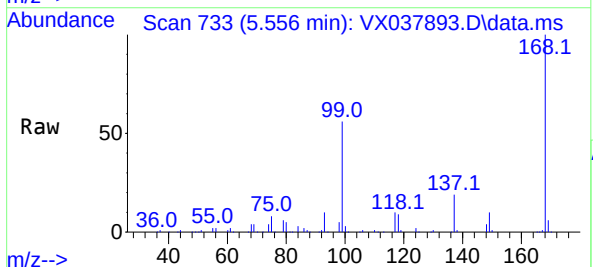
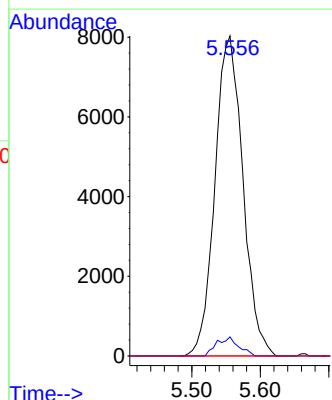
Tgt Ion: 117 Resp: 22756

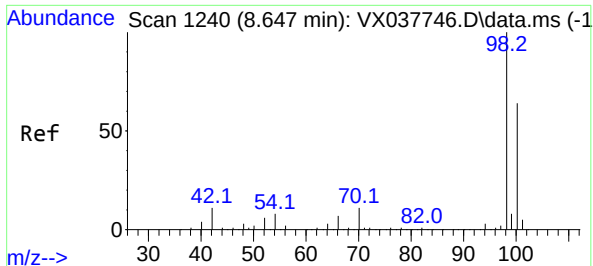
Ion Ratio Lower Upper

117 100

119 5.9 78.2 117.2#

121 0.0 24.4 36.6#

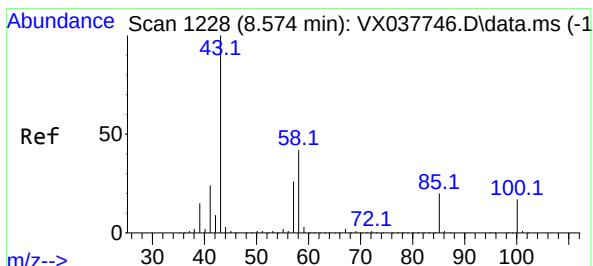
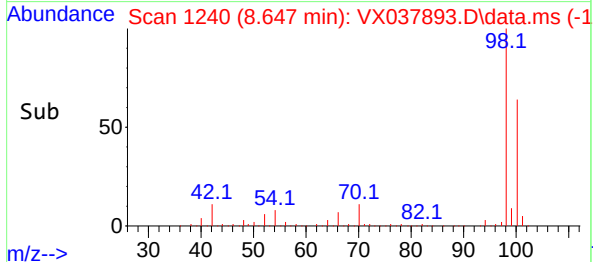
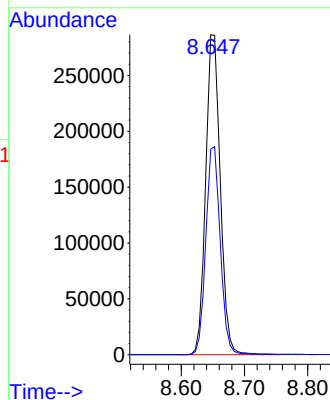
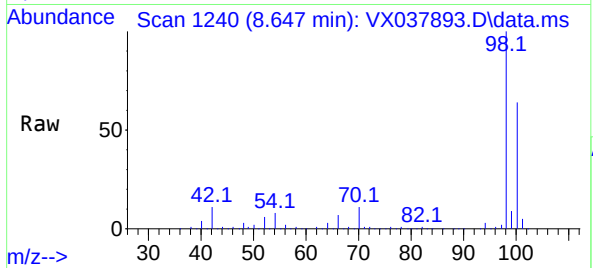




#50
Toluene-d8
Concen: 48.314 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

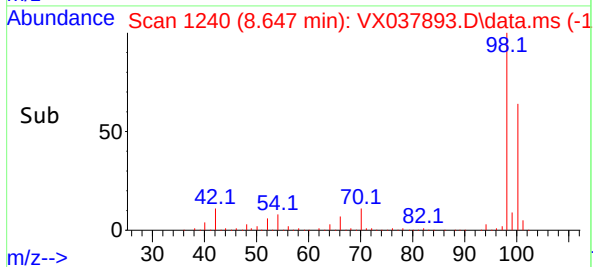
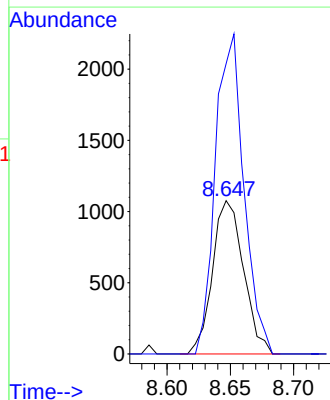
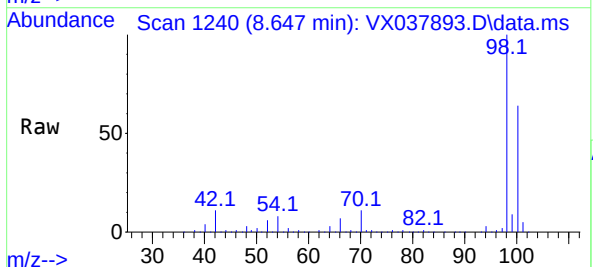
Instrument :
MSVOA_X
ClientSampleId :

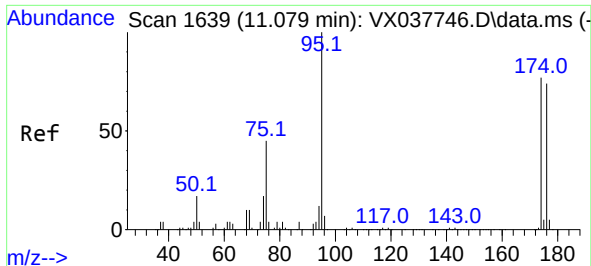
Tgt Ion: 98 Resp: 461224
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 191.7 30.4 45.6#

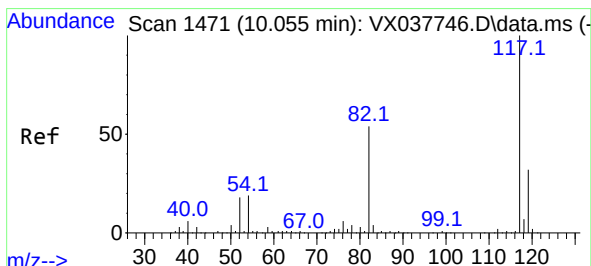
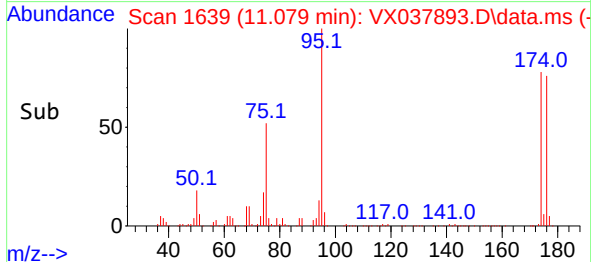
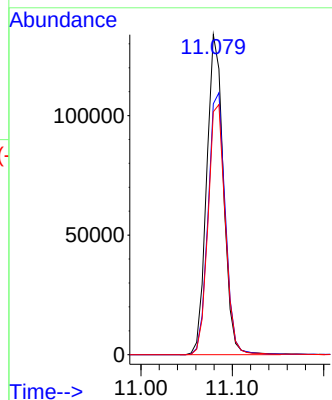
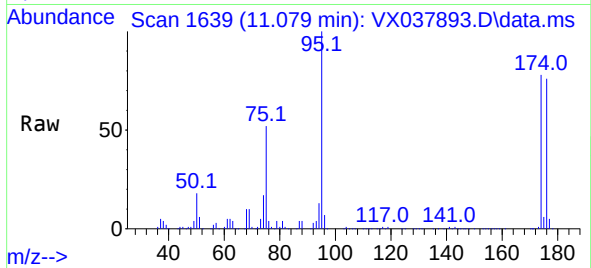




#62
4-Bromofluorobenzene
Concen: 49.018 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

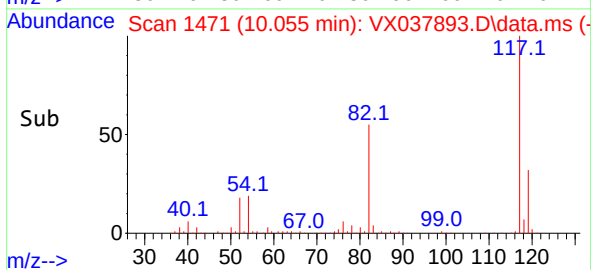
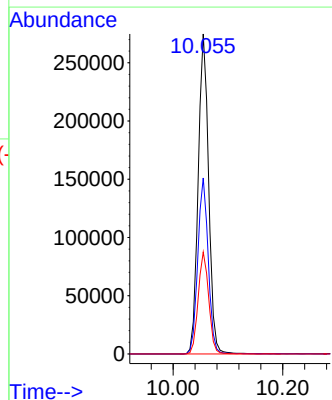
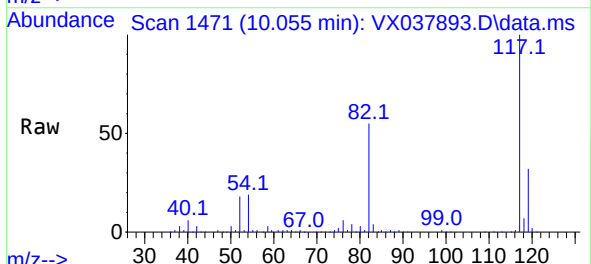
Instrument :
MSVOA_X
ClientSampleId :

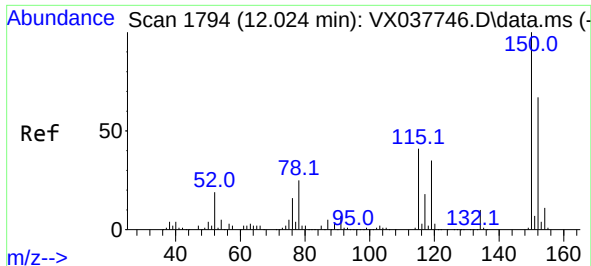
Tgt Ion: 95 Resp: 170043
Ion Ratio Lower Upper
95 100
174 84.0 0.0 135.6
176 80.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

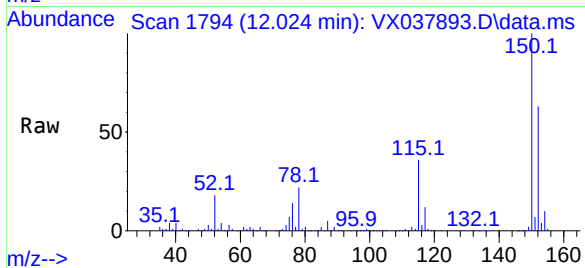
Tgt Ion: 117 Resp: 365450
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.8 25.5 38.3



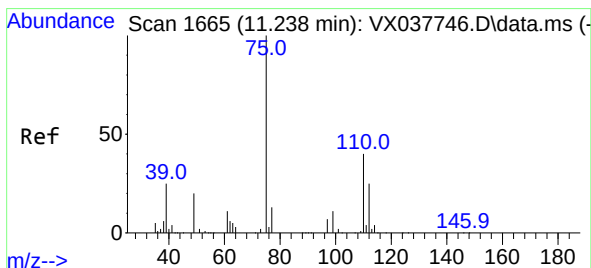
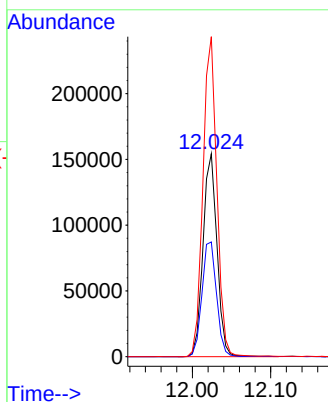
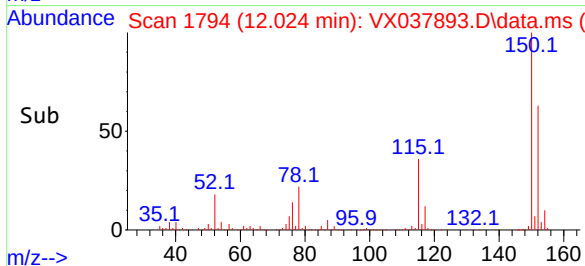


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :

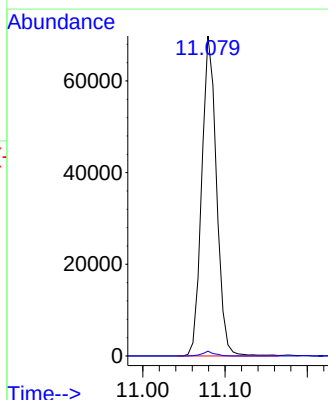
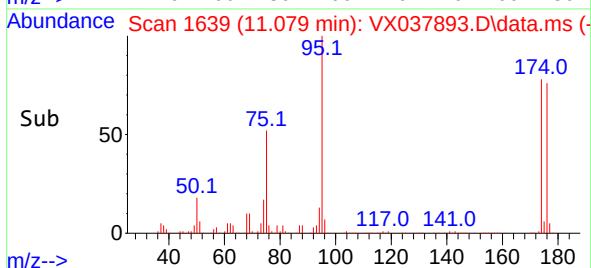
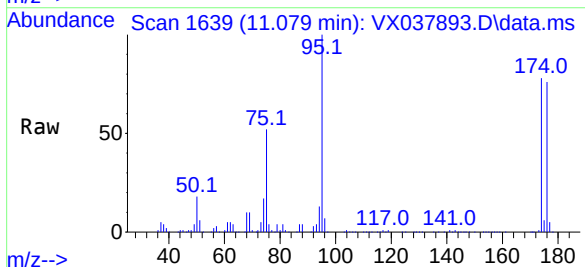


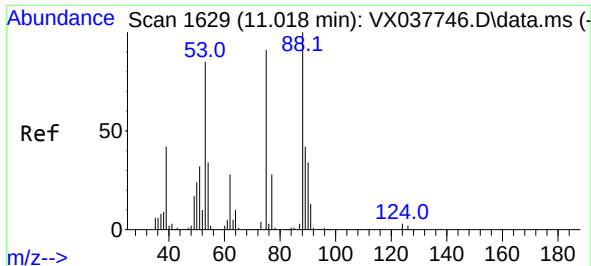
Tgt Ion:152 Resp: 190808
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 156.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 19.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

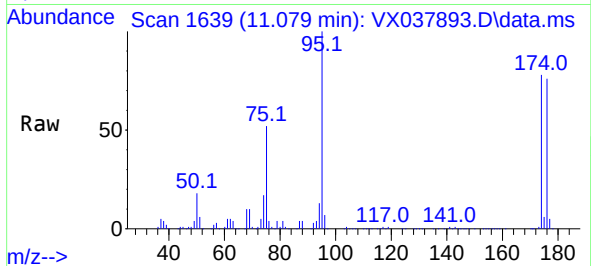
Tgt Ion: 75 Resp: 87646
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.619 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX037893.D
Acq: 25 Sep 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 87646
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

