

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037699.D
 Acq On : 13 Sep 2023 16:55
 Operator : JC/MD
 Sample : 04353-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

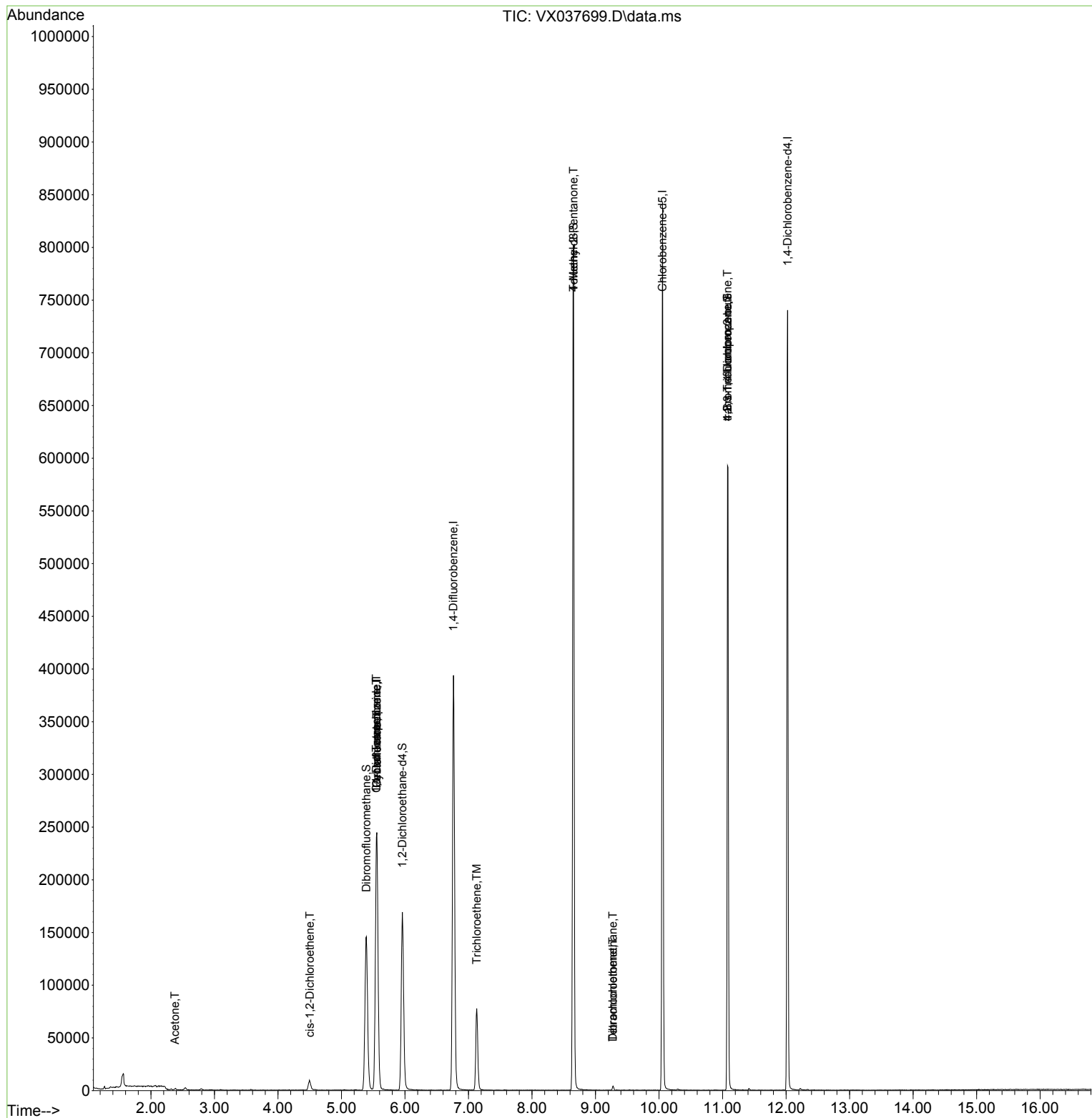
Internal Standards						
1) Pentafluorobenzene	5.556	168	230228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	398792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158930	42.667	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.340%
35) Dibromofluoromethane	5.391	113	128246	45.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	8.653	98	486046	45.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.180%#
62) 4-Bromofluorobenzene	11.079	95	161208	41.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	254	Below Cal	#	90
16) Acetone	2.379	43	1564	1.039	ug/l #	81
20) Methylene Chloride	2.788	84	701	Below Cal	#	65
27) cis-1,2-Dichloroethene	4.501	96	5870	1.766	ug/l	85
31) Cyclohexane	5.556	56	5245	1.223	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	18832	4.897	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23842	6.069	ug/l #	15
44) Trichloroethene	7.129	130	30186	10.364	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	2258	0.490	ug/l #	1
60) Dibromochloromethane	9.275	129	763	0.246	ug/l #	11
64) Tetrachloroethene	9.275	164	678	0.284	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	83970	25.194	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	83970	76.582	ug/l #	5

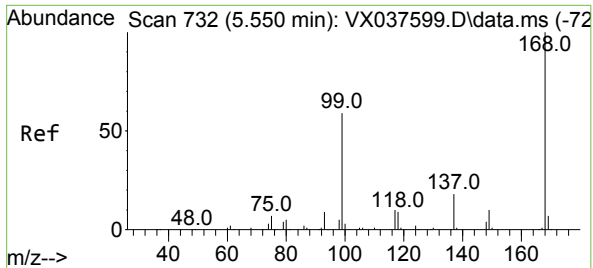
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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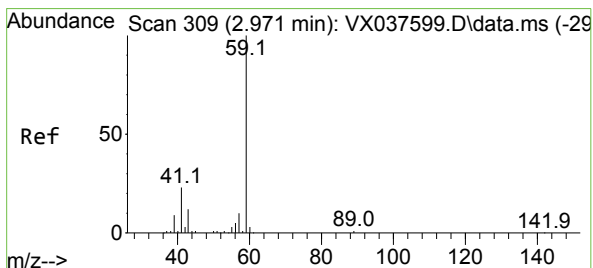
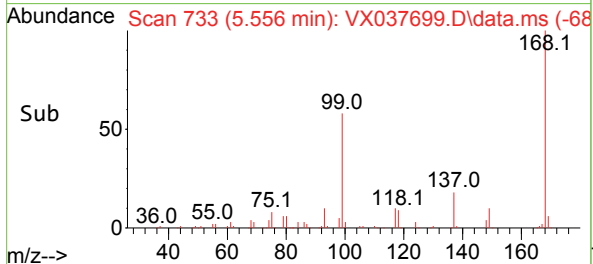
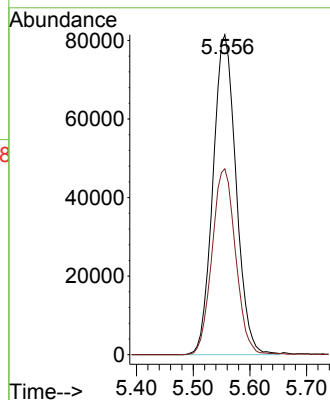
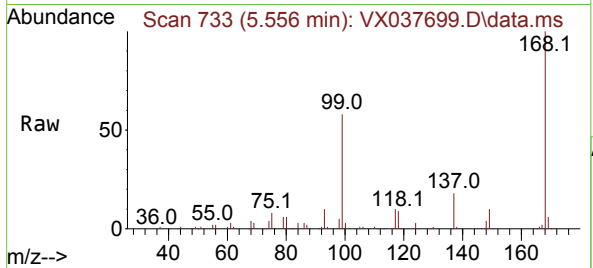




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

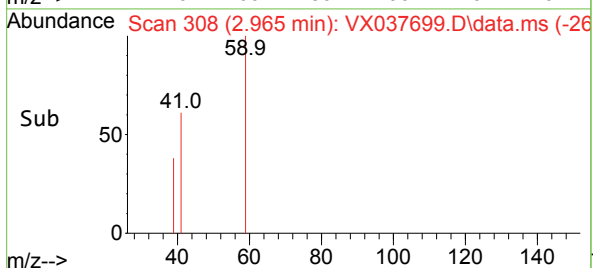
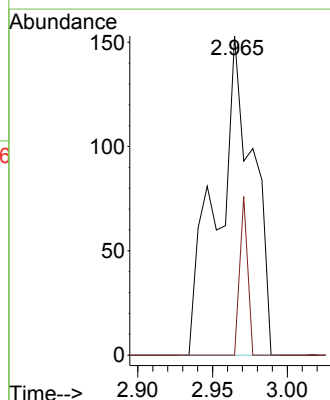
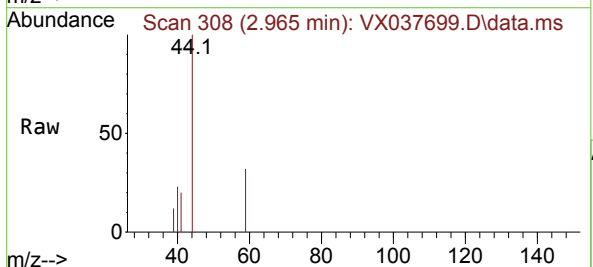
Instrument :
MSVOA_X
ClientSampleId :

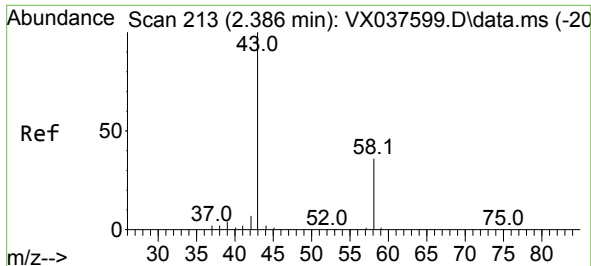
Tgt Ion:168 Resp: 230228
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0#

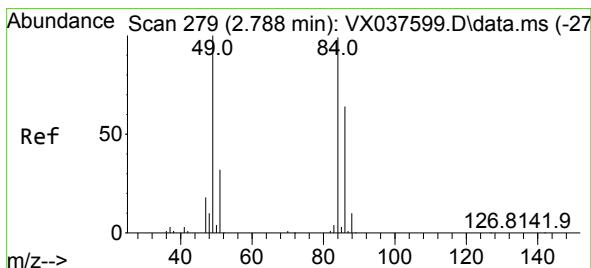
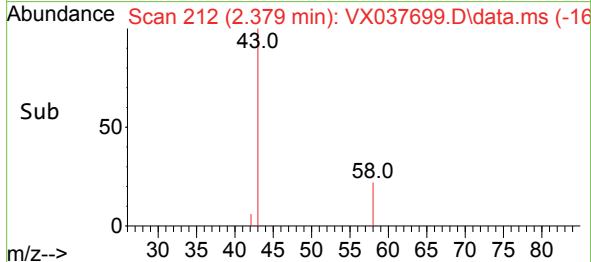
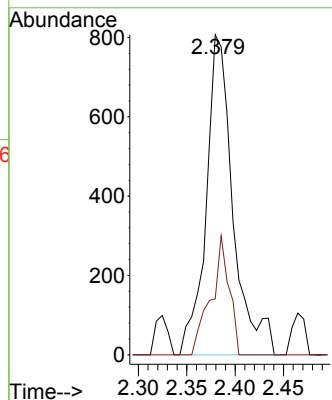
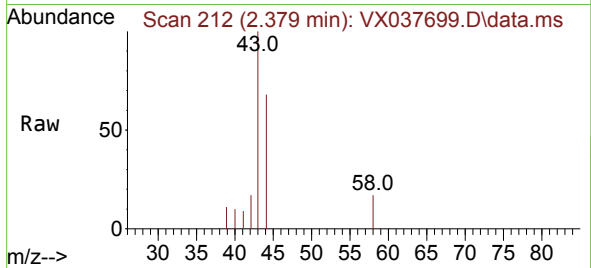




#16
Acetone
Concen: 1.039 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

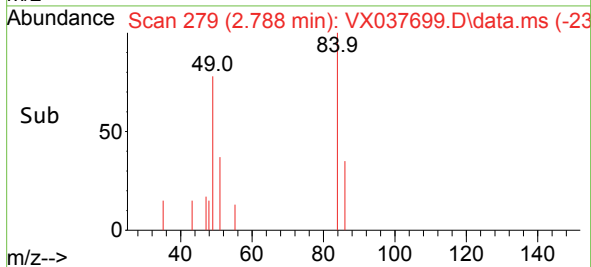
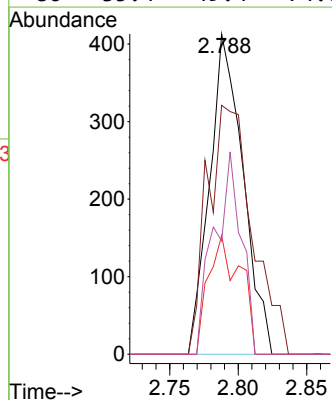
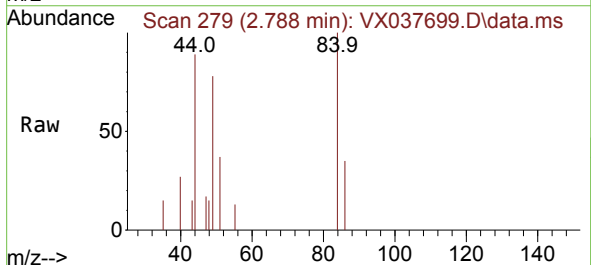
Instrument :
MSVOA_X
ClientSampleId :

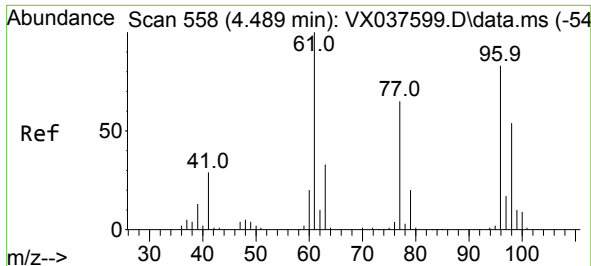
Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
58 17.5 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

Tgt Ion: 84 Resp: 701
Ion Ratio Lower Upper
84 100
49 77.7 103.6 155.4#
51 37.0 33.8 50.6
86 35.4 49.4 74.0#





#27

cis-1,2-Dichloroethene

Concen: 1.766 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.012 min

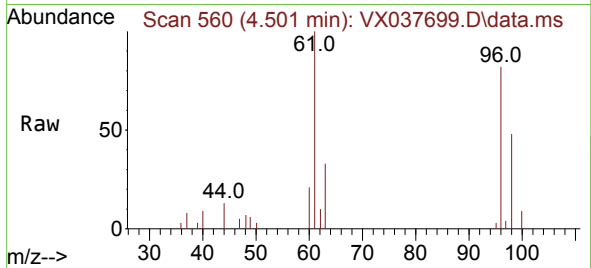
Lab File: VX037699.D

Acq: 13 Sep 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :



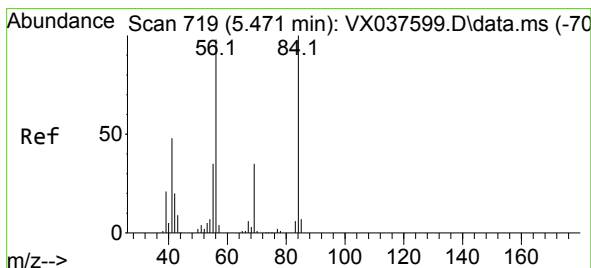
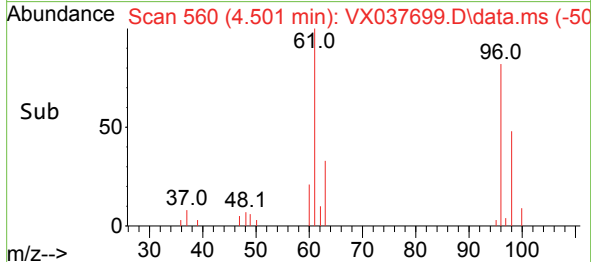
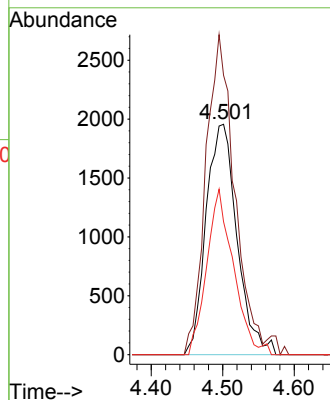
Tgt Ion: 96 Resp: 5870

Ion Ratio Lower Upper

96 100

61 129.3 0.0 312.2

98 62.3 0.0 129.0



#31

Cyclohexane

Concen: 1.223 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037699.D

Acq: 13 Sep 2023 16:55

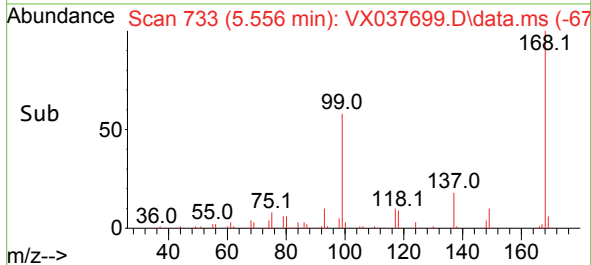
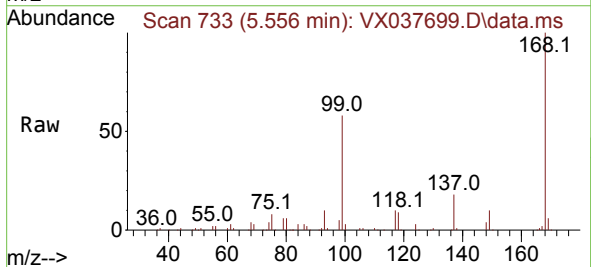
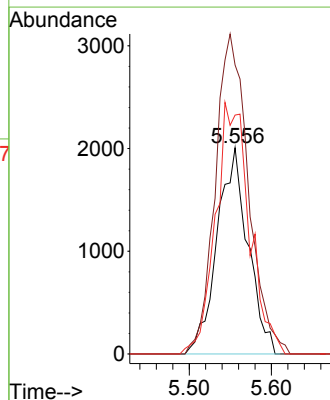
Tgt Ion: 56 Resp: 5245

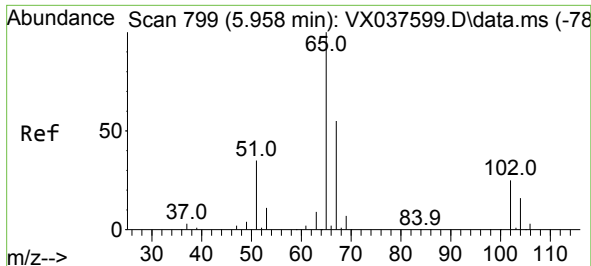
Ion Ratio Lower Upper

56 100

69 140.1 23.4 35.2#

84 115.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.667 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037699.D

Acq: 13 Sep 2023 16:55

Instrument :

MSVOA_X

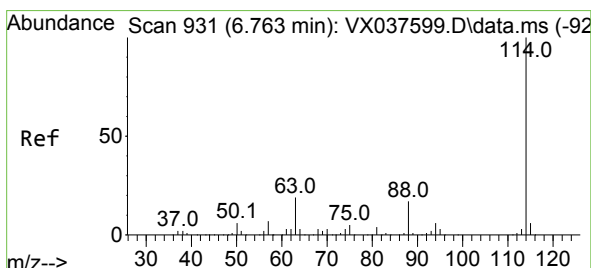
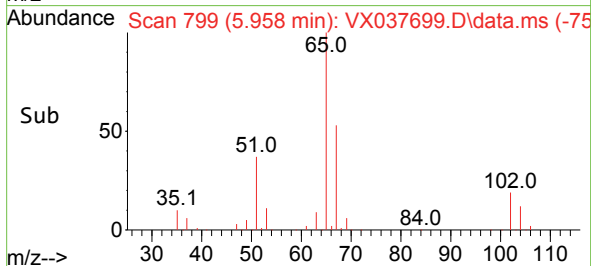
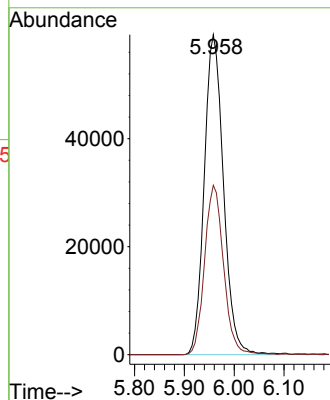
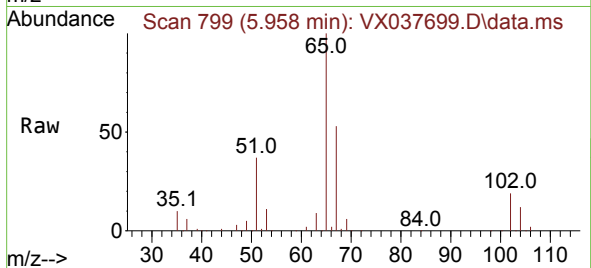
ClientSampleId :

Tgt Ion: 65 Resp: 158930

Ion Ratio Lower Upper

65 100

67 52.3 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: VX037699.D

Acq: 13 Sep 2023 16:55

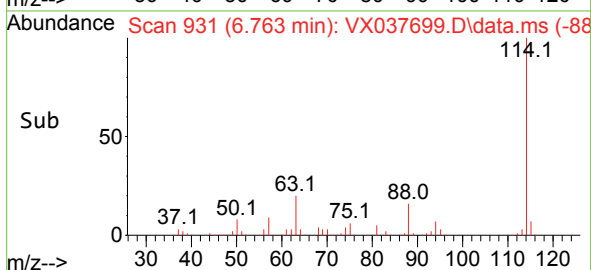
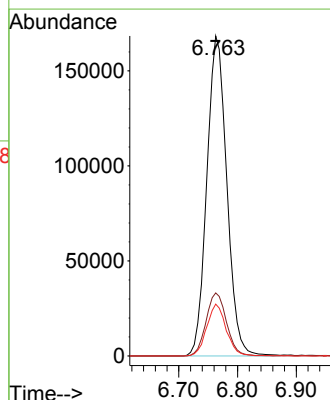
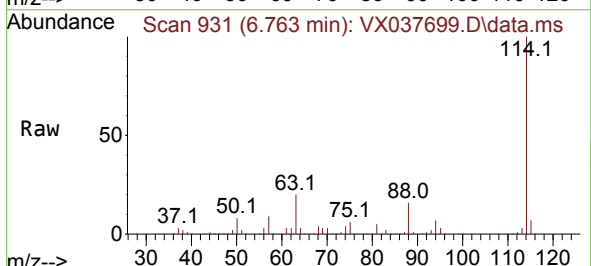
Tgt Ion:114 Resp: 398792

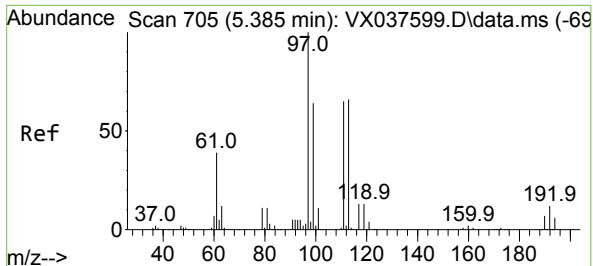
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

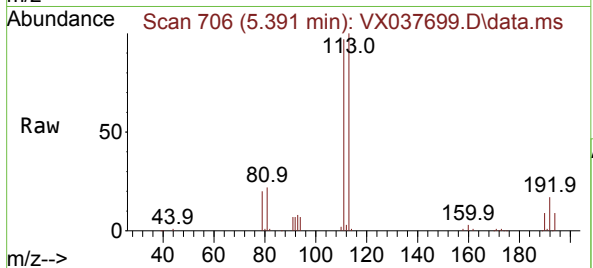
88 16.2 0.0 36.6



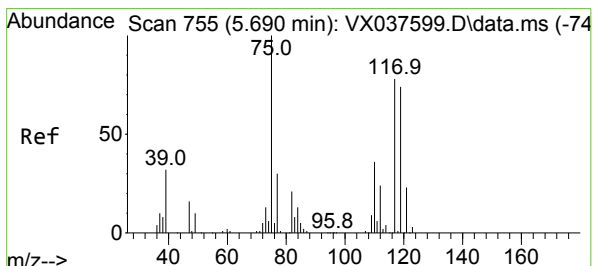
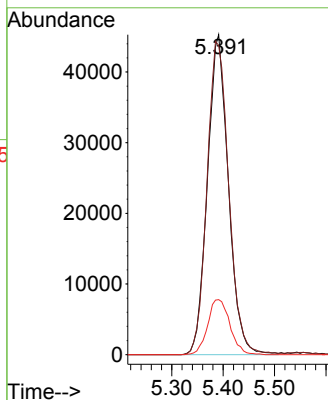
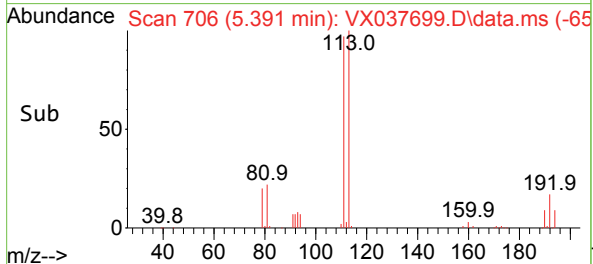


#35
Dibromofluoromethane
Concen: 45.370 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

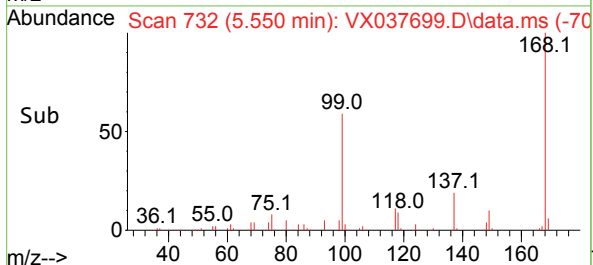
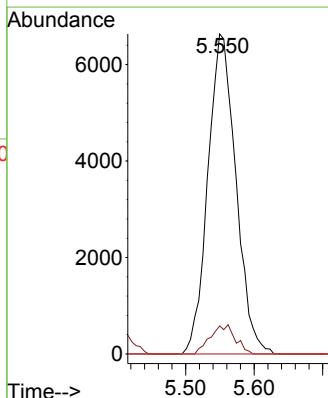
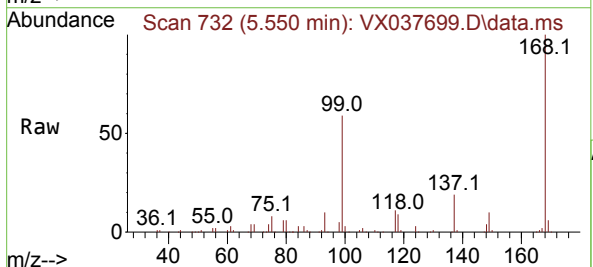


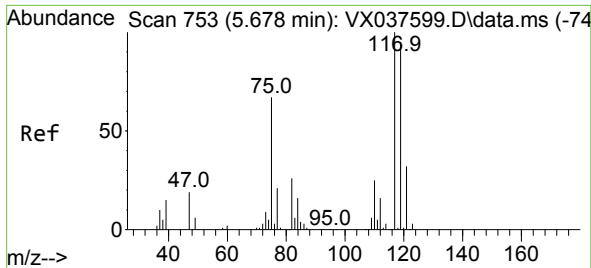
Tgt Ion:113 Resp: 128246
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

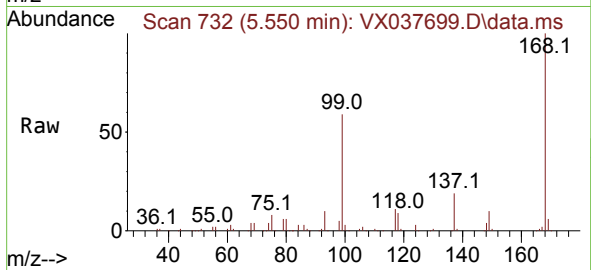
Tgt Ion: 75 Resp: 18832
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



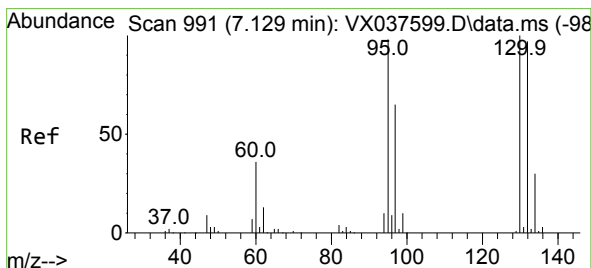
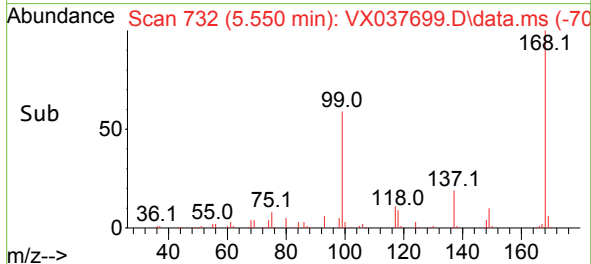
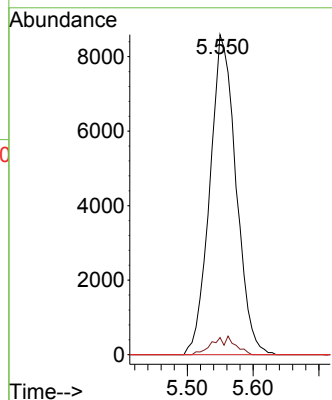


#38
Carbon Tetrachloride
Concen: 6.069 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

Instrument :
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ClientSampleId :

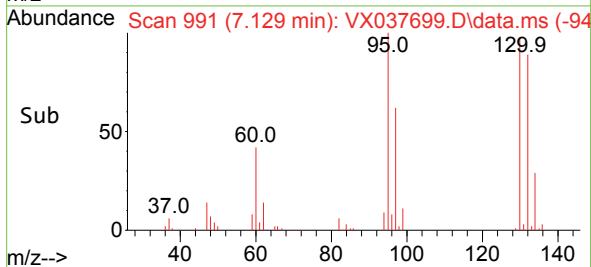
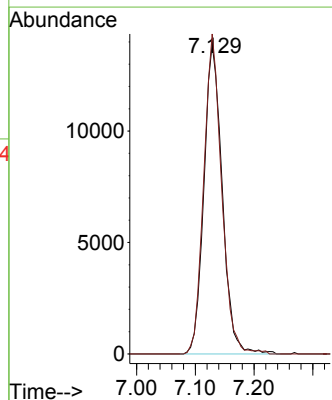
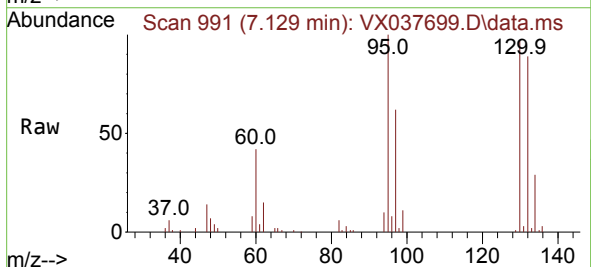


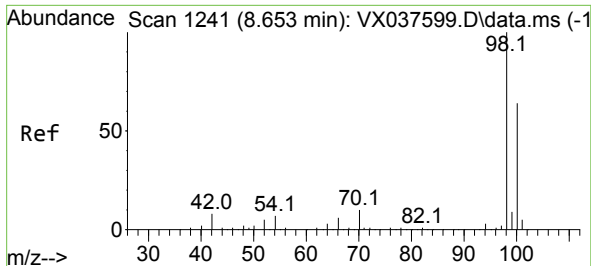
Tgt Ion:117 Resp: 23842
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 10.364 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

Tgt Ion:130 Resp: 30186
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.4

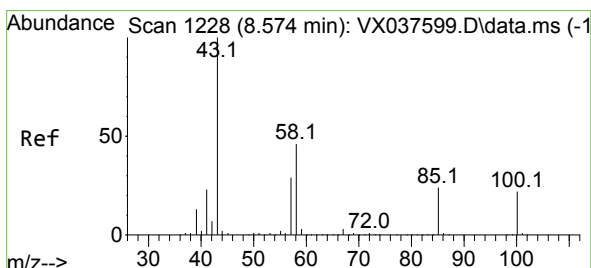
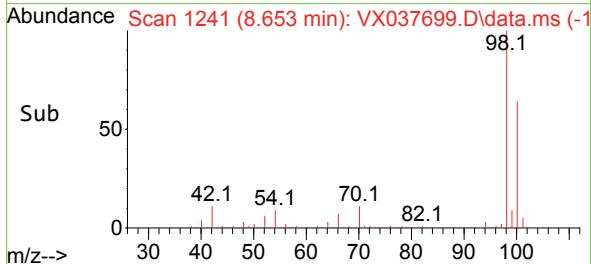
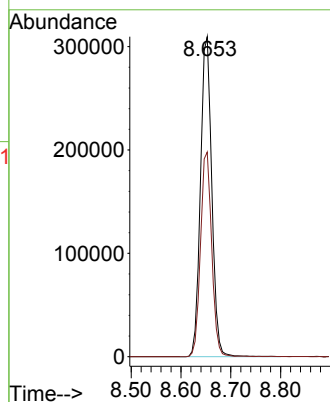
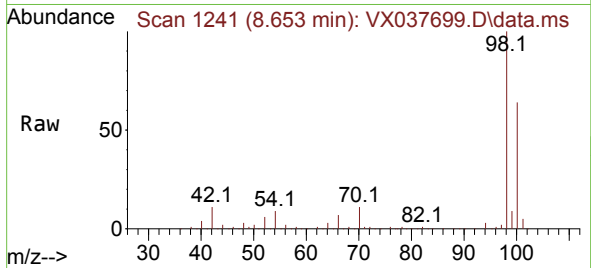




#50
Toluene-d8
Concen: 45.593 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

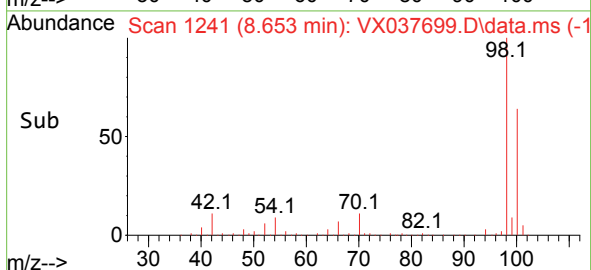
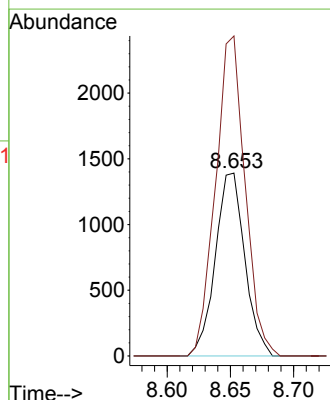
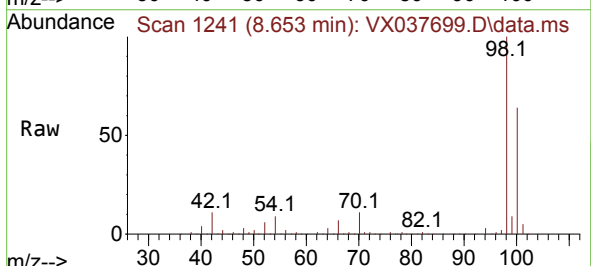
Instrument :
MSVOA_X
ClientSampleId :

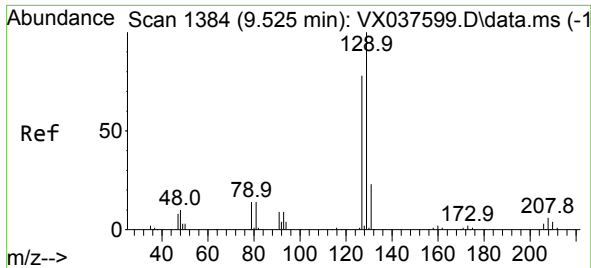
Tgt Ion: 98 Resp: 486046
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

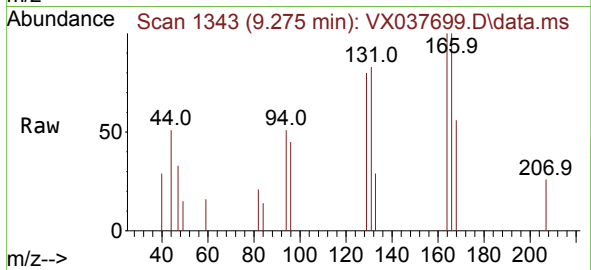
Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
58 174.8 30.4 45.6#



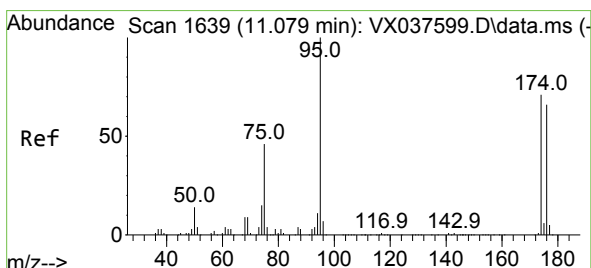
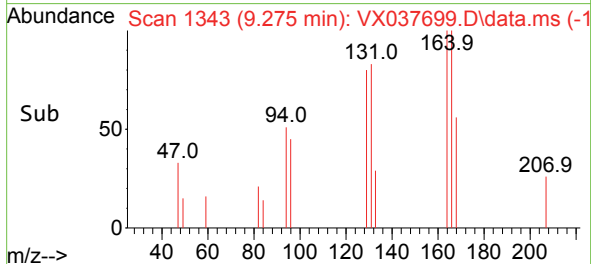
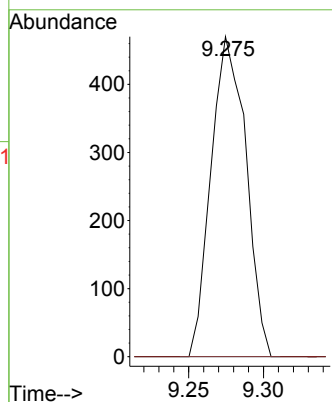


#60
 Dibromochloromethane
 Concen: 0.246 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.250 min
 Lab File: VX037699.D
 Acq: 13 Sep 2023 16:55

Instrument :
 MSVOA_X
 ClientSampleId :

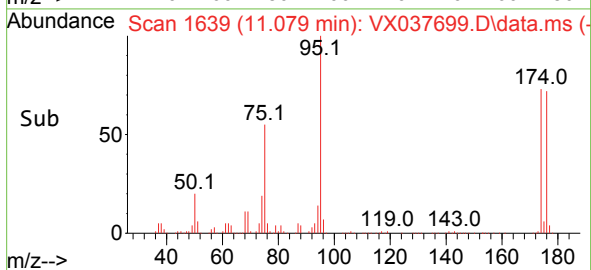
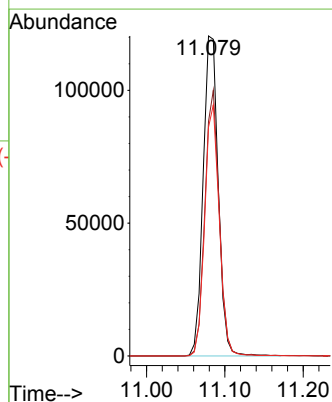
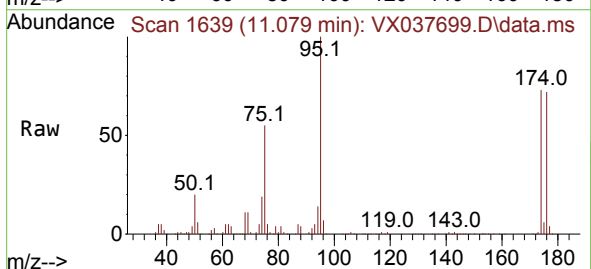


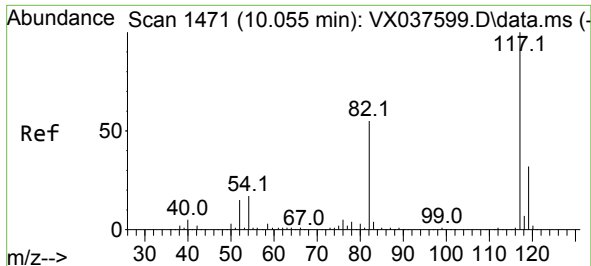
Tgt Ion:129 Resp: 763
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#



#62
 4-Bromofluorobenzene
 Concen: 41.915 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX037699.D
 Acq: 13 Sep 2023 16:55

Tgt Ion: 95 Resp: 161208
 Ion Ratio Lower Upper
 95 100
 174 79.5 0.0 135.6
 176 75.5 0.0 131.0

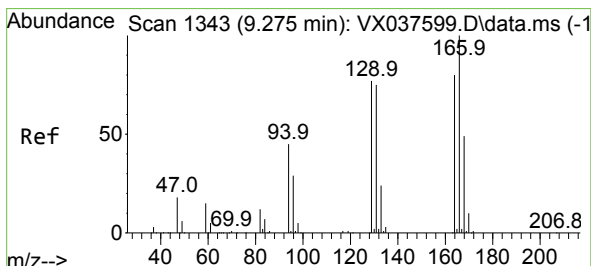
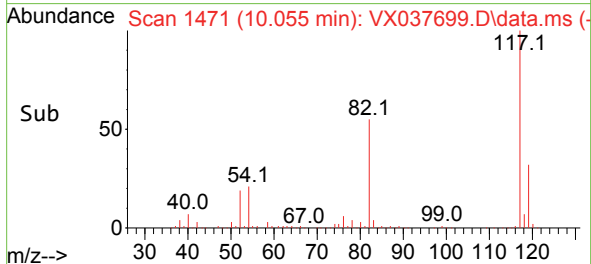
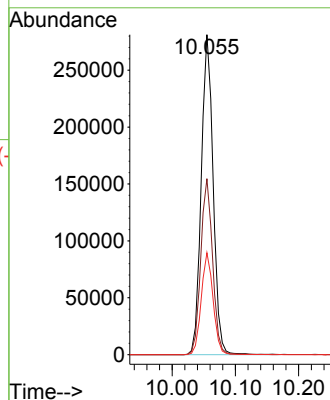
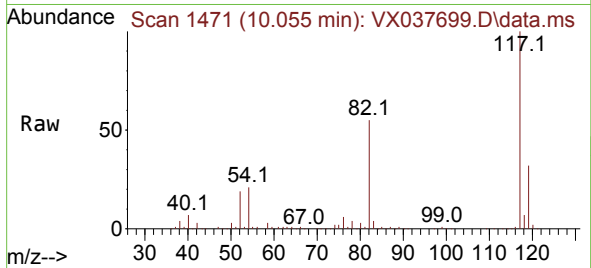




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

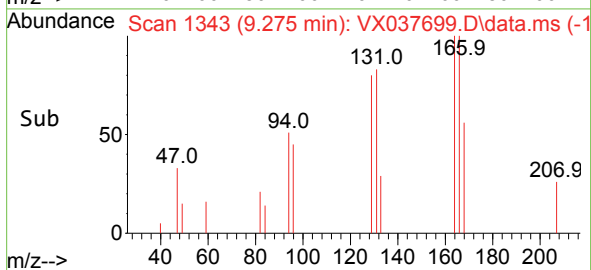
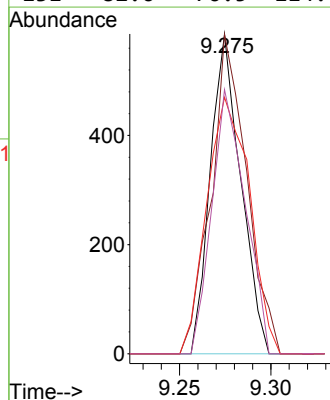
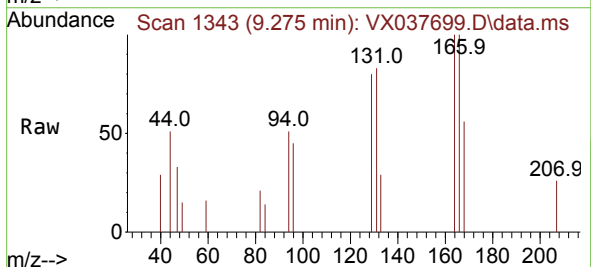
Instrument :
MSVOA_X
ClientSampleId :

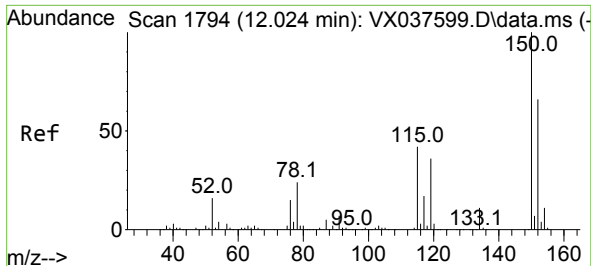
Tgt Ion:117 Resp: 368133
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.284 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037699.D
Acq: 13 Sep 2023 16:55

Tgt Ion:164 Resp: 678
Ion Ratio Lower Upper
164 100
166 99.8 102.7 154.1#
129 80.2 80.4 120.6#
131 82.6 76.5 114.7

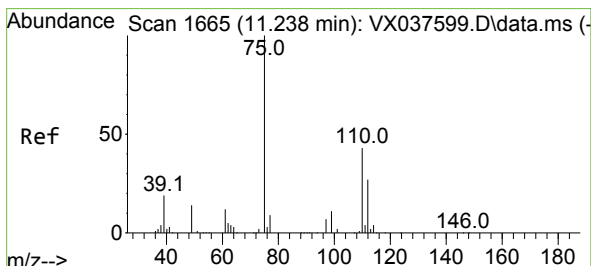
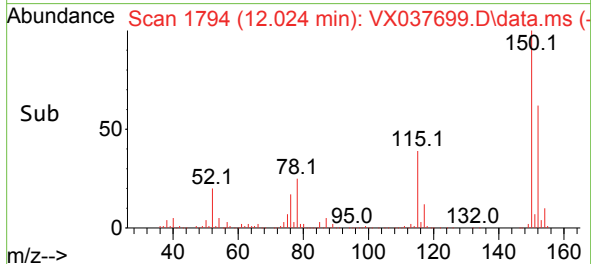
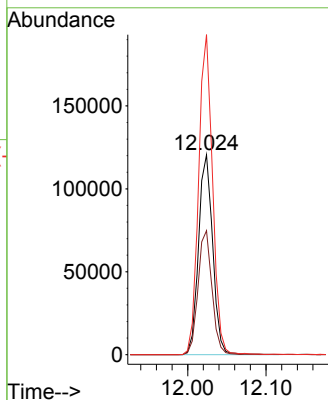
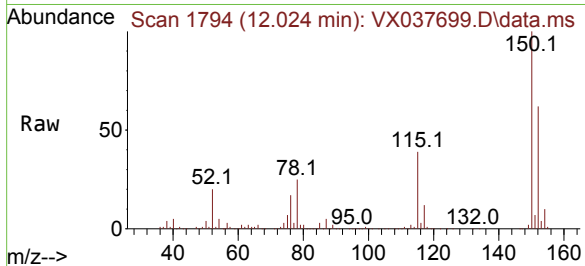




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037699.D
 Acq: 13 Sep 2023 16:55

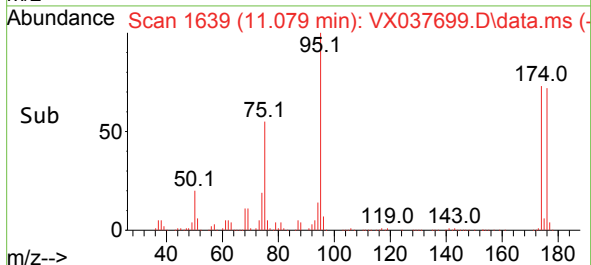
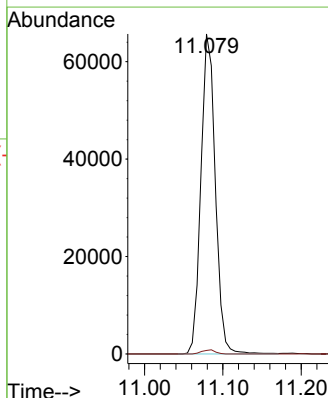
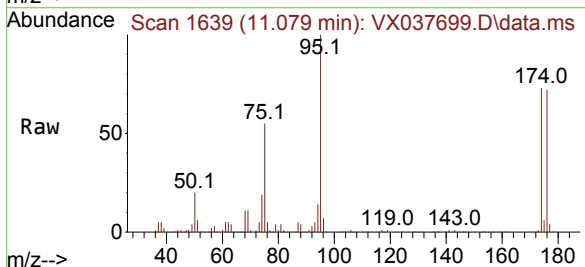
Instrument :
 MSVOA_X
 ClientSampleId :

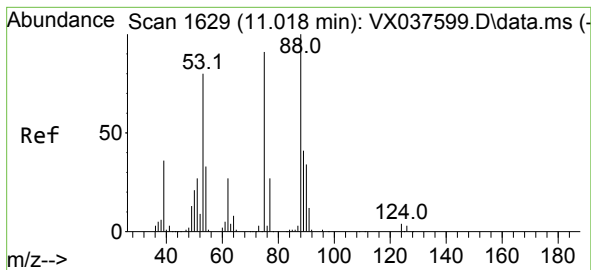
Tgt Ion:152 Resp: 151604
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 157.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.194 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037699.D
 Acq: 13 Sep 2023 16:55

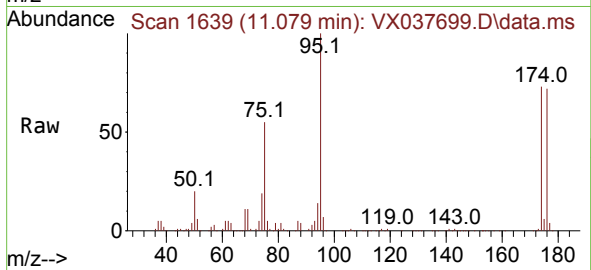
Tgt Ion: 75 Resp: 83970
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.582 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037699.D
 Acq: 13 Sep 2023 16:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 83970
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

