

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037675.D
 Acq On : 12 Sep 2023 17:51
 Operator : JC/MD
 Sample : 04397-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

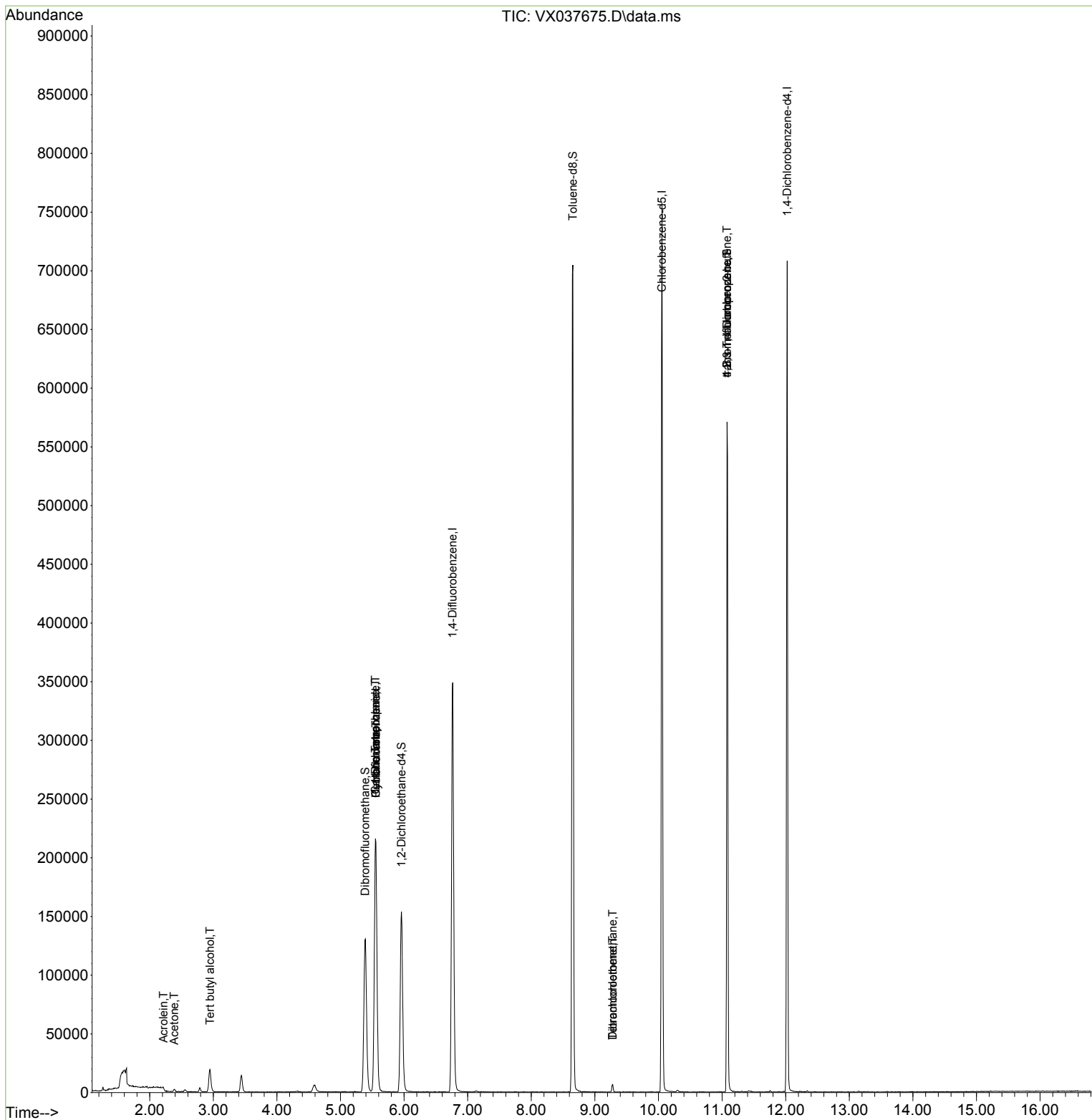
Quant Time: Sep 13 01:48:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

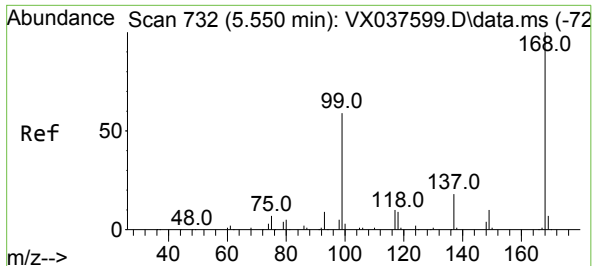
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	199778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146846	45.431	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.860%		
35) Dibromofluoromethane	5.385	113	115265	45.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.780%		
50) Toluene-d8	8.653	98	438477	46.286	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.580%		
62) 4-Bromofluorobenzene	11.079	95	148499	43.450	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.900%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	11899	7.245	ug/l #	84
13) Acrolein	2.215	56	169	0.320	ug/l #	1
16) Acetone	2.385	43	2422	1.853	ug/l	95
20) Methylene Chloride	2.794	84	1511	Below Cal	#	82
31) Cyclohexane	5.556	56	4828	1.297	ug/l #	3
36) 1,1-Dichloropropene	5.549	75	17236	5.044	ug/l #	50
38) Carbon Tetrachloride	5.549	117	22124	6.338	ug/l #	15
60) Dibromochloromethane	9.280	129	1191	0.432	ug/l #	11
64) Tetrachloroethene	9.280	164	1258	0.584	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	78336	25.735	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	78336	78.226	ug/l #	5

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

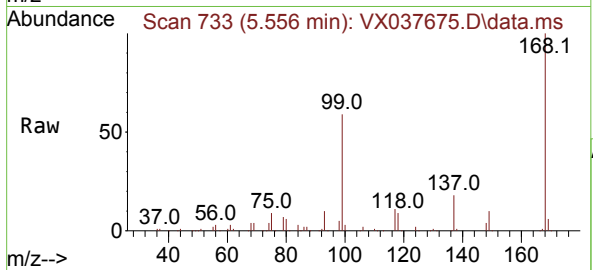
Quant Time: Sep 13 01:48:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



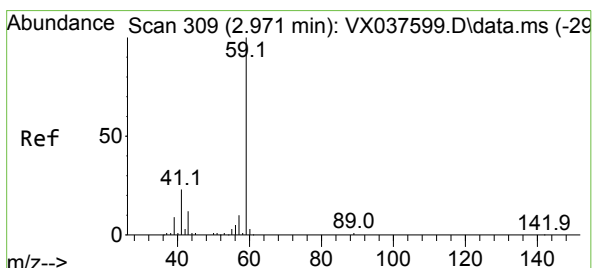
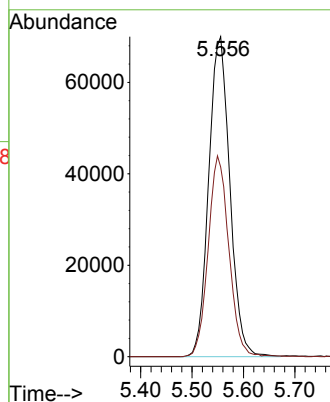
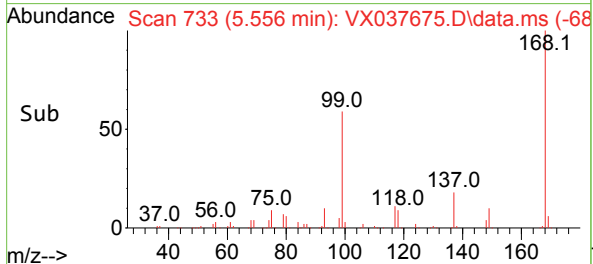


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

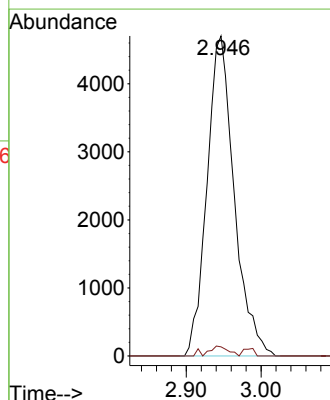
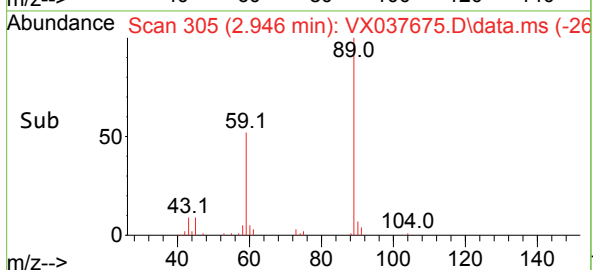
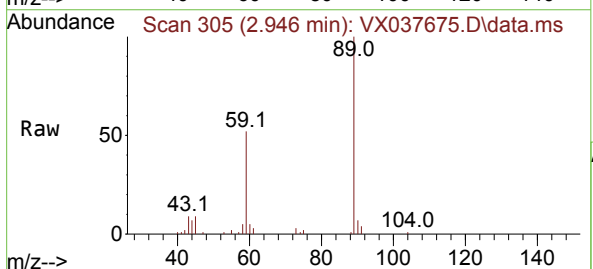


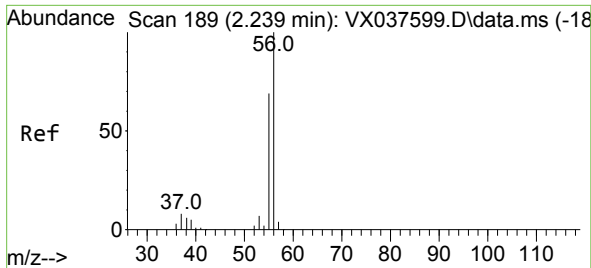
Tgt Ion:168 Resp: 199778
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 7.245 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

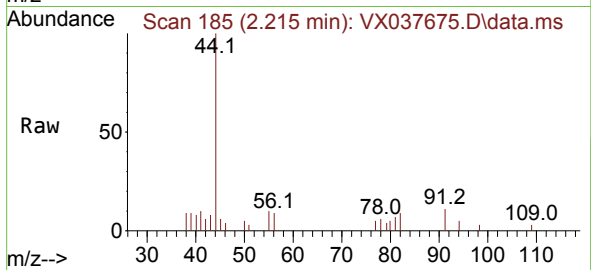
Tgt Ion: 59 Resp: 11899
Ion Ratio Lower Upper
59 100
57 2.0 6.0 9.0#



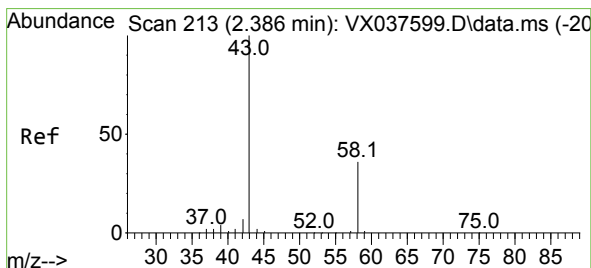
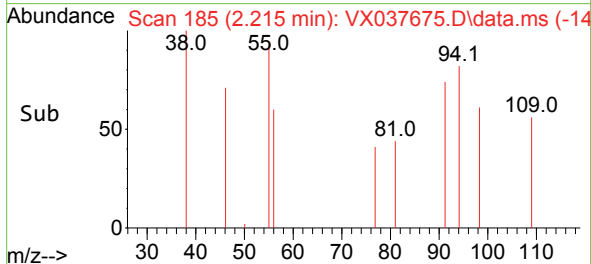
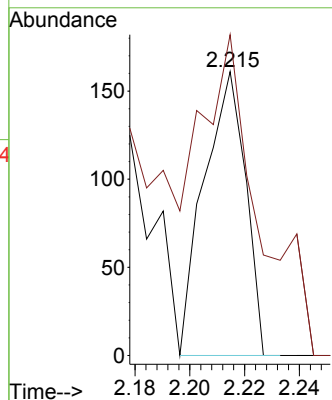


#13
Acrolein
Concen: 0.320 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.025 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

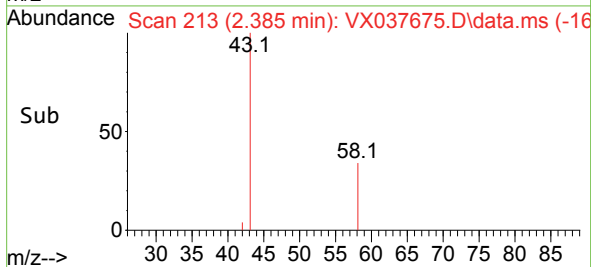
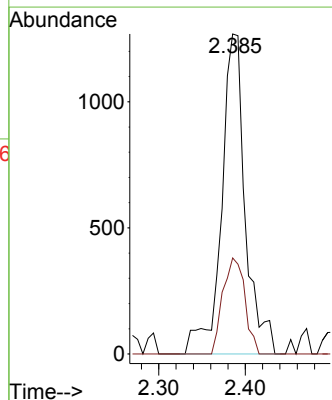
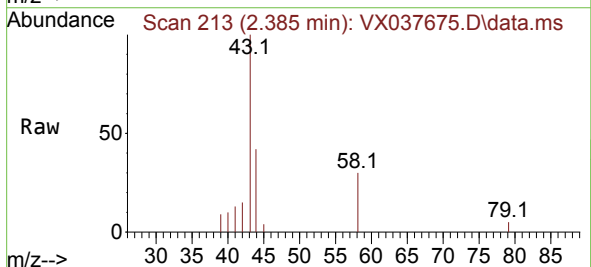


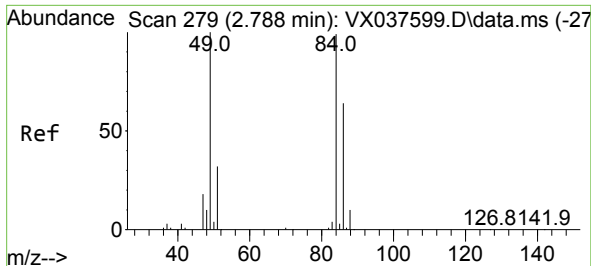
Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 159.2 57.1 85.7#



#16
Acetone
Concen: 1.853 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

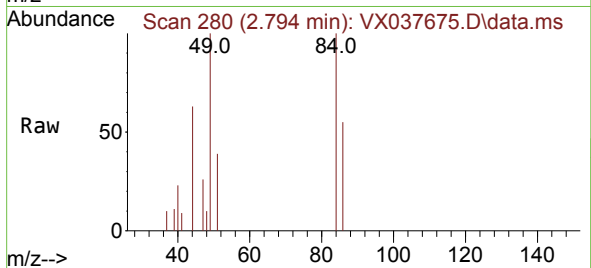
Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9



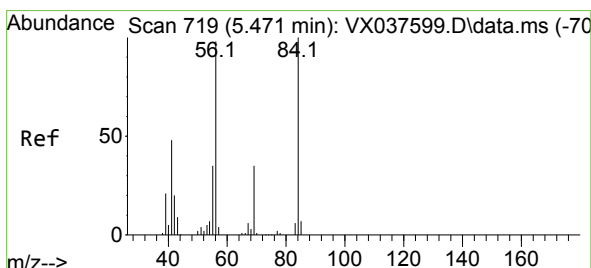
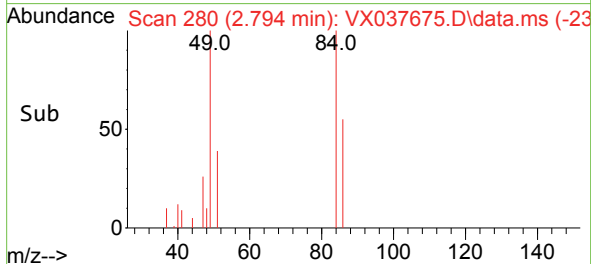
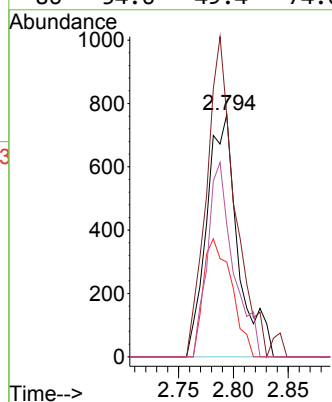


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

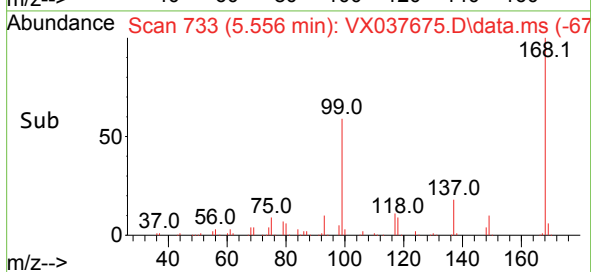
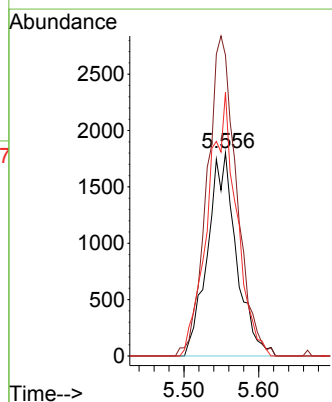
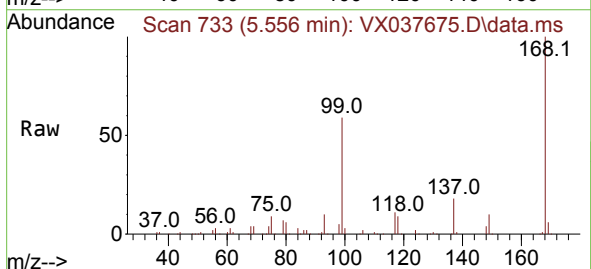


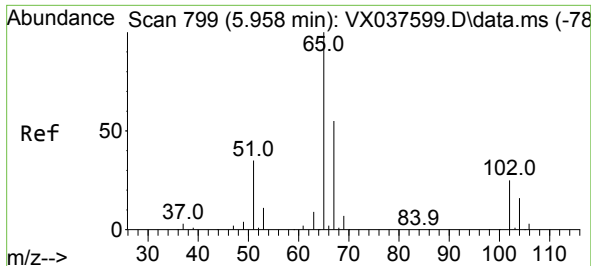
Tgt Ion:	84	Resp:	1511
Ion	Ratio	Lower	Upper
84	100		
49	99.6	103.6	155.4#
51	39.1	33.8	50.6
86	54.6	49.4	74.0



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

Tgt Ion:	56	Resp:	4828
Ion	Ratio	Lower	Upper
56	100		
69	147.9	23.4	35.2#
84	129.8	65.9	98.9#

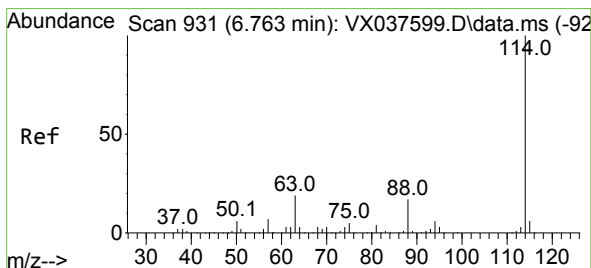
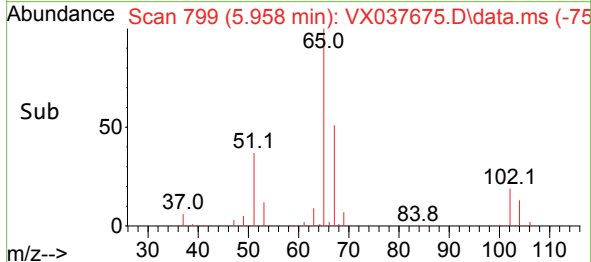
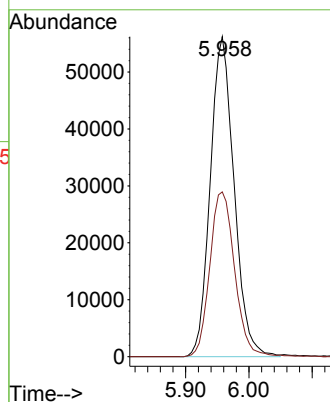
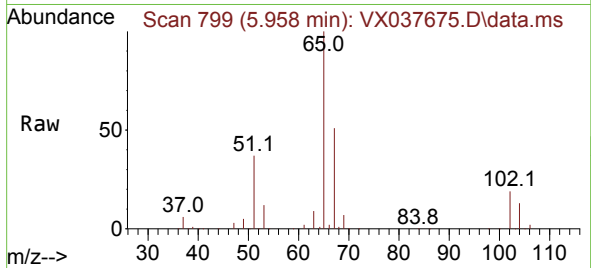




#33
 1,2-Dichloroethane-d4
 Concen: 45.431 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037675.D
 Acq: 12 Sep 2023 17:51

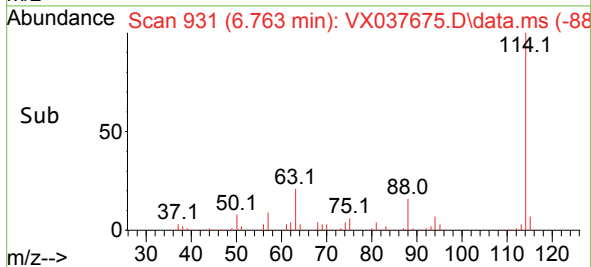
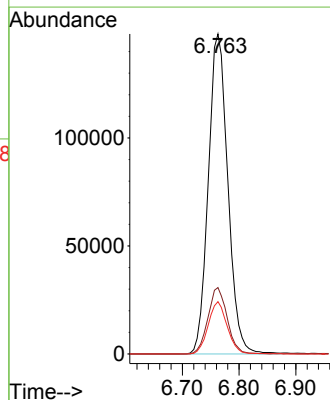
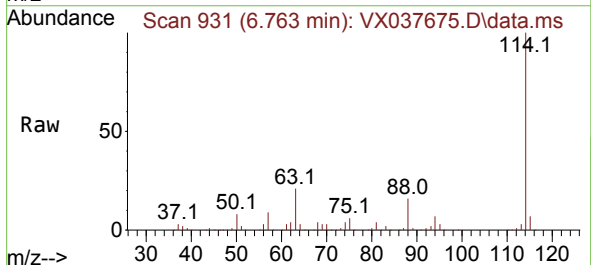
Instrument :
 MSVOA_X
 ClientSampleId :

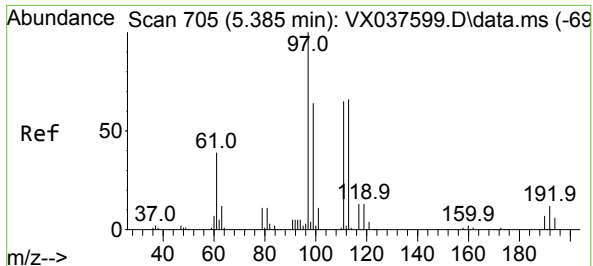
Tgt Ion: 65 Resp: 146846
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037675.D
 Acq: 12 Sep 2023 17:51

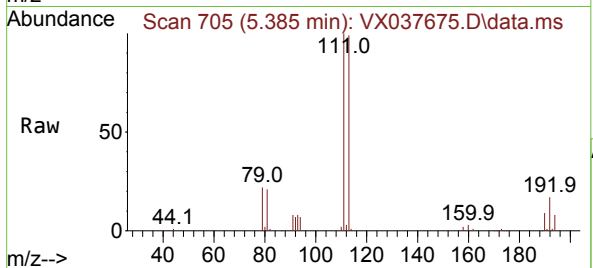
Tgt Ion:114 Resp: 354372
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.0
 88 16.3 0.0 36.6



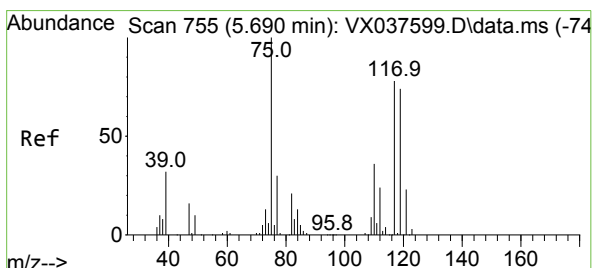
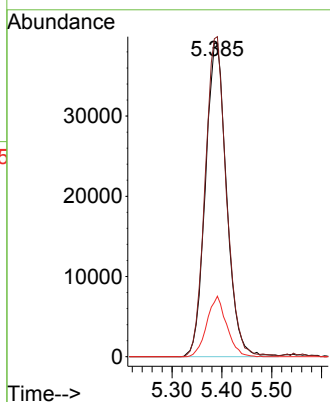
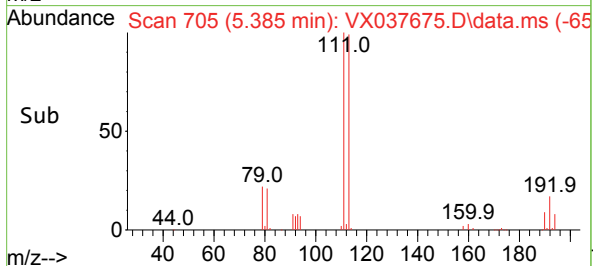


#35
Dibromofluoromethane
Concen: 45.889 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

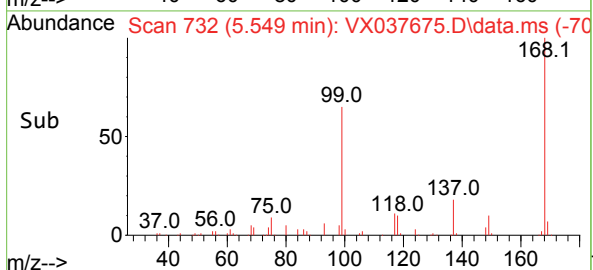
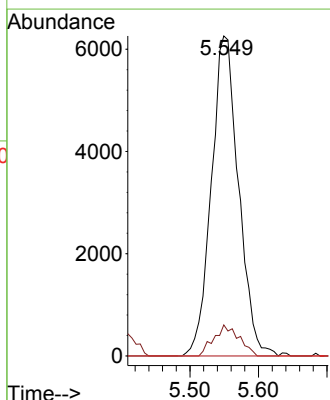
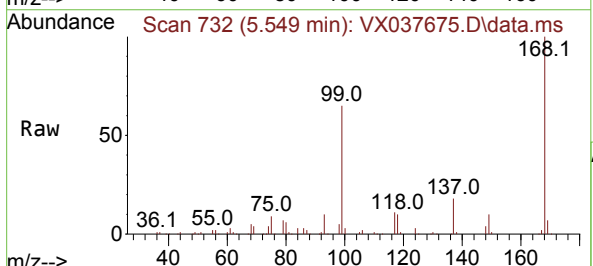


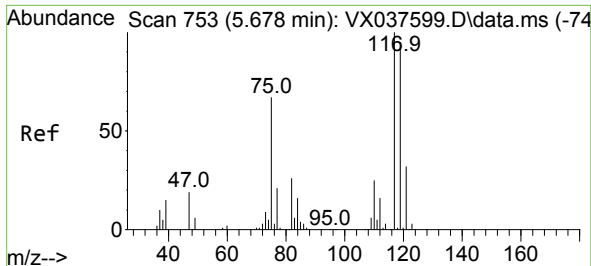
Tgt Ion:113 Resp: 115265
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.044 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

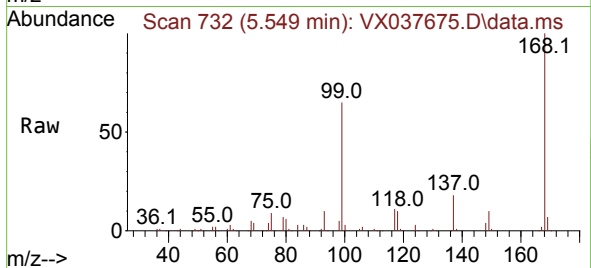
Tgt Ion: 75 Resp: 17236
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



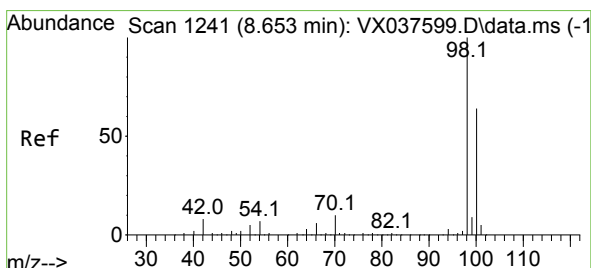
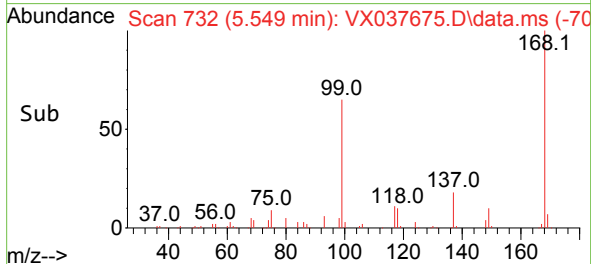
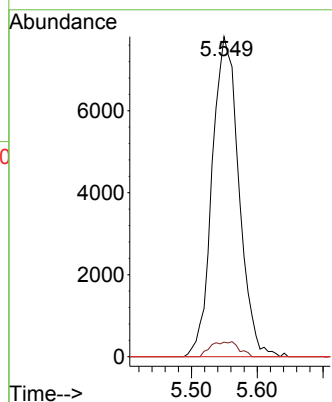


#38
Carbon Tetrachloride
Concen: 6.338 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

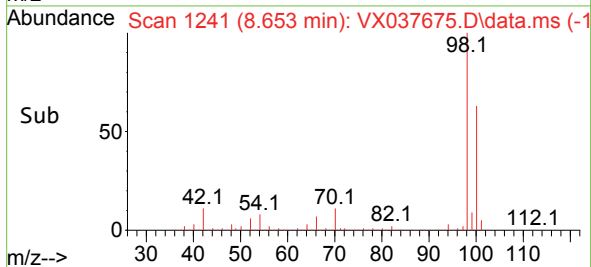
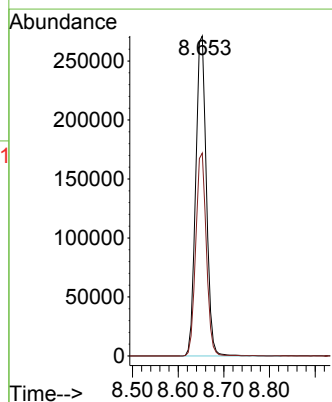
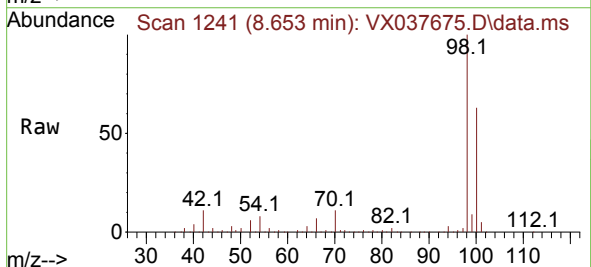


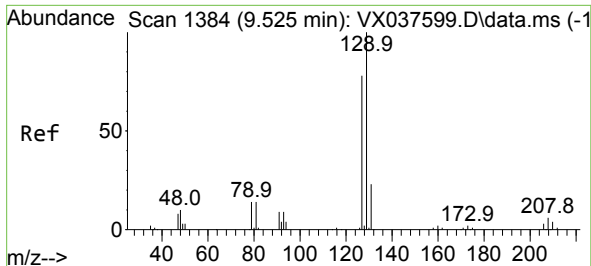
Tgt Ion:117 Resp: 22124
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.286 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

Tgt Ion: 98 Resp: 438477
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

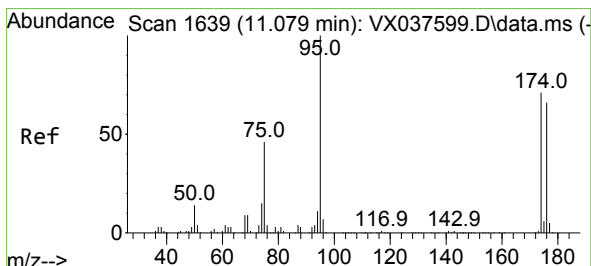
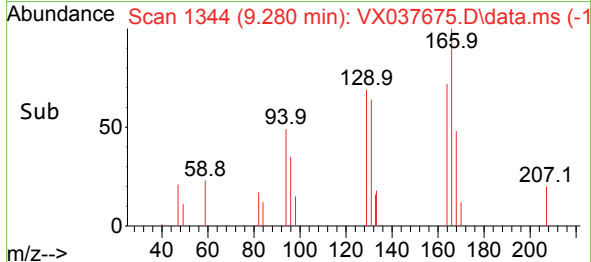
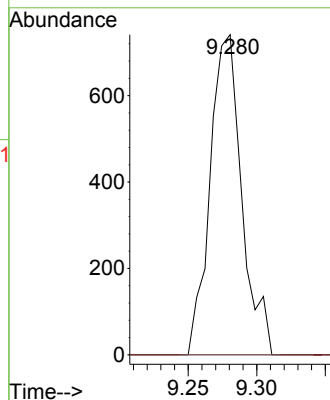
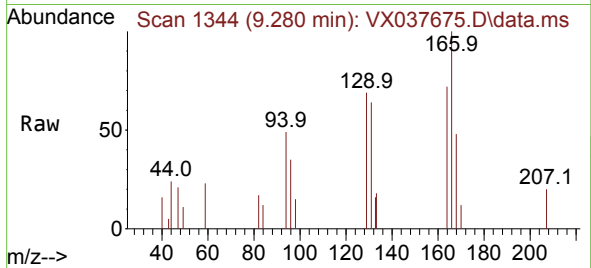




#60
 Dibromochloromethane
 Concen: 0.432 ug/l
 RT: 9.280 min Scan# 11
 Delta R.T. -0.244 min
 Lab File: VX037675.D
 Acq: 12 Sep 2023 17:51

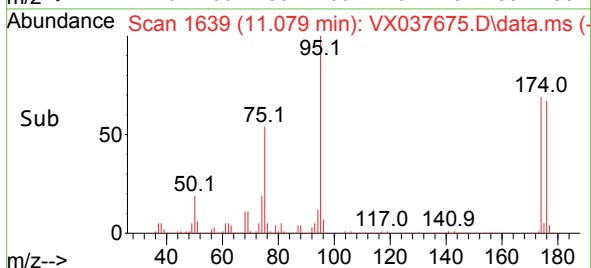
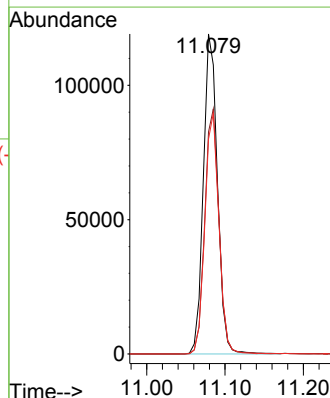
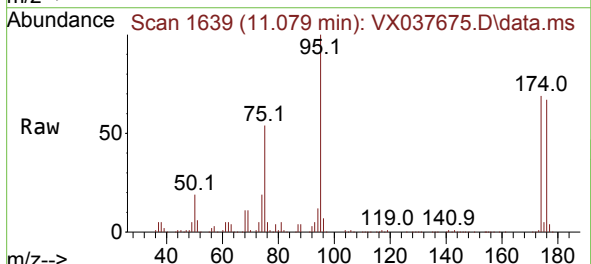
Instrument :
 MSVOA_X
 ClientSampleId :

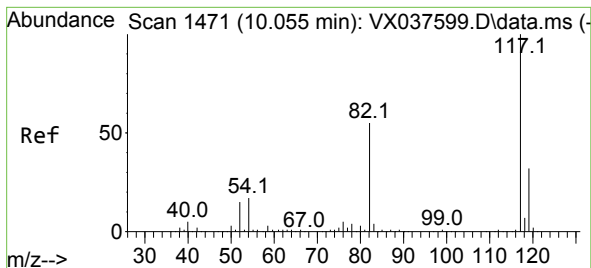
Tgt Ion:129 Resp: 1191
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#



#62
 4-Bromofluorobenzene
 Concen: 43.450 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX037675.D
 Acq: 12 Sep 2023 17:51

Tgt Ion: 95 Resp: 148499
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 135.6
 176 75.3 0.0 131.0

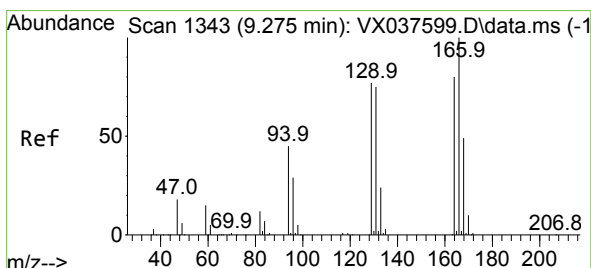
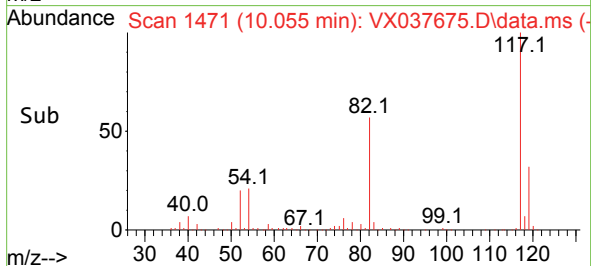
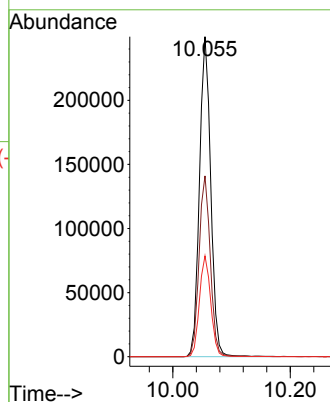
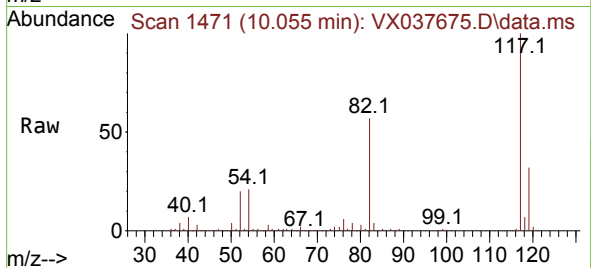




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

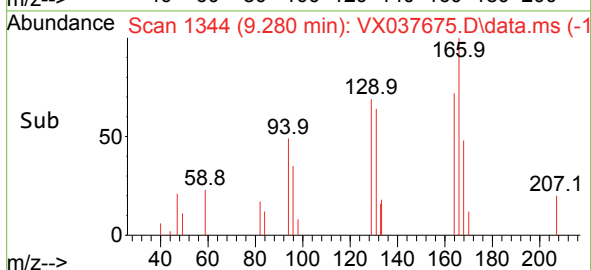
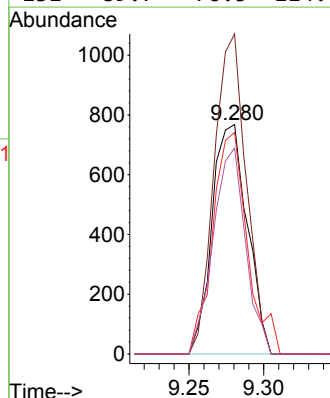
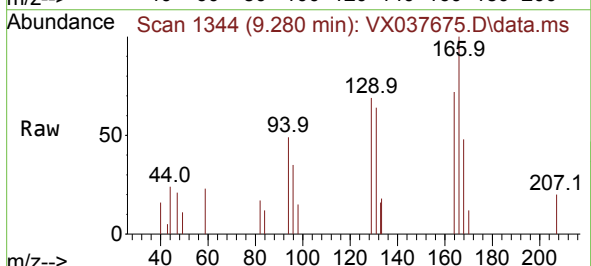
Instrument :
MSVOA_X
ClientSampleId :

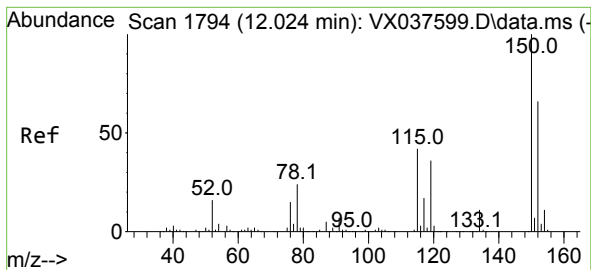
Tgt Ion:117 Resp: 332527
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 0.584 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX037675.D
Acq: 12 Sep 2023 17:51

Tgt Ion:164 Resp: 1258
Ion Ratio Lower Upper
164 100
166 139.5 102.7 154.1
129 96.5 80.4 120.6
131 89.7 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037675.D

Acq: 12 Sep 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

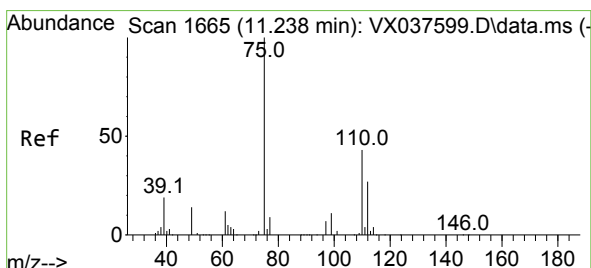
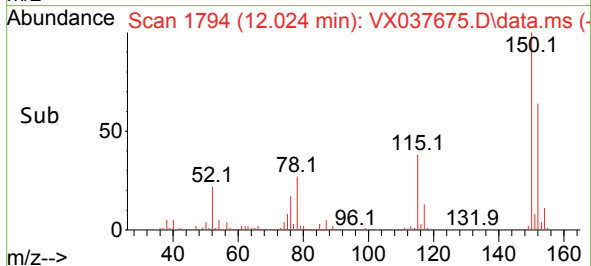
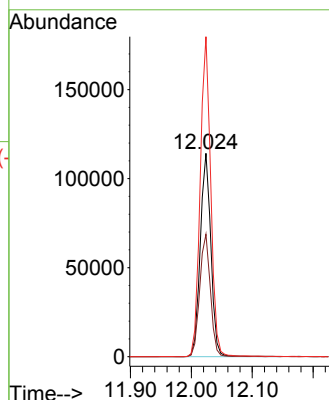
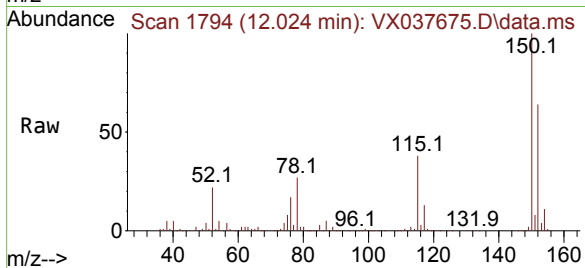
Tgt Ion:152 Resp: 138460

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 155.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.735 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037675.D

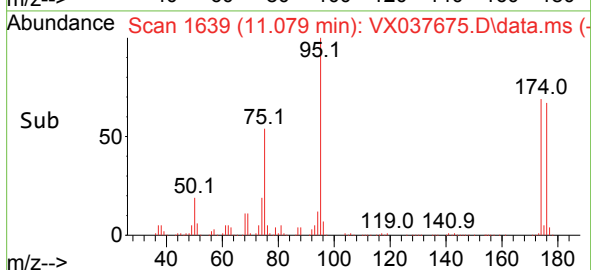
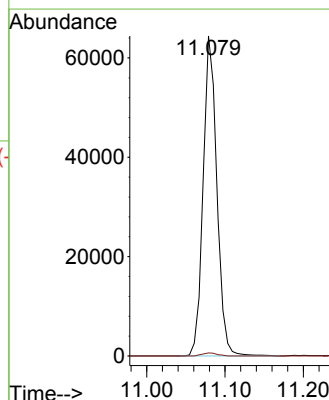
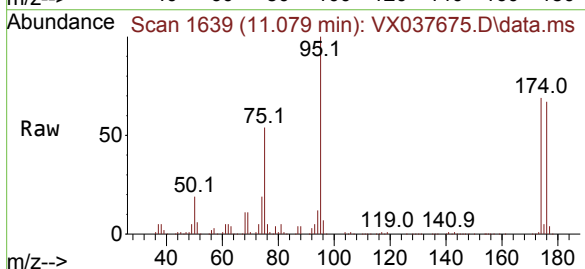
Acq: 12 Sep 2023 17:51

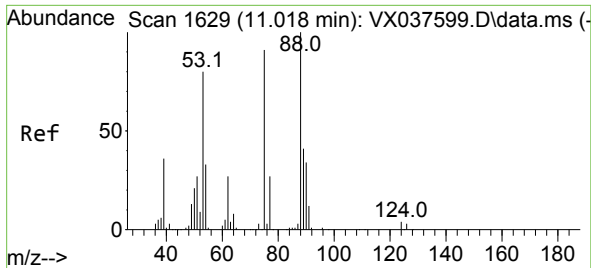
Tgt Ion: 75 Resp: 78336

Ion Ratio Lower Upper

75 100

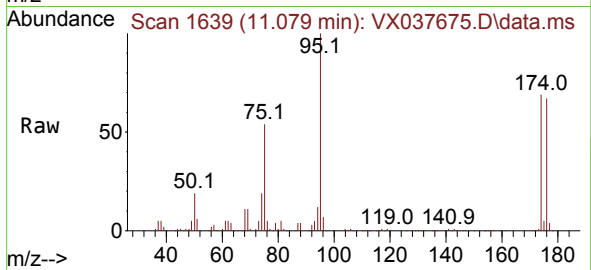
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.226 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037675.D
 Acq: 12 Sep 2023 17:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 78336
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

