

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037509.D
 Acq On : 05 Sep 2023 13:55
 Operator : JC/MD
 Sample : 04252-01DL 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 06 02:54:09 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)

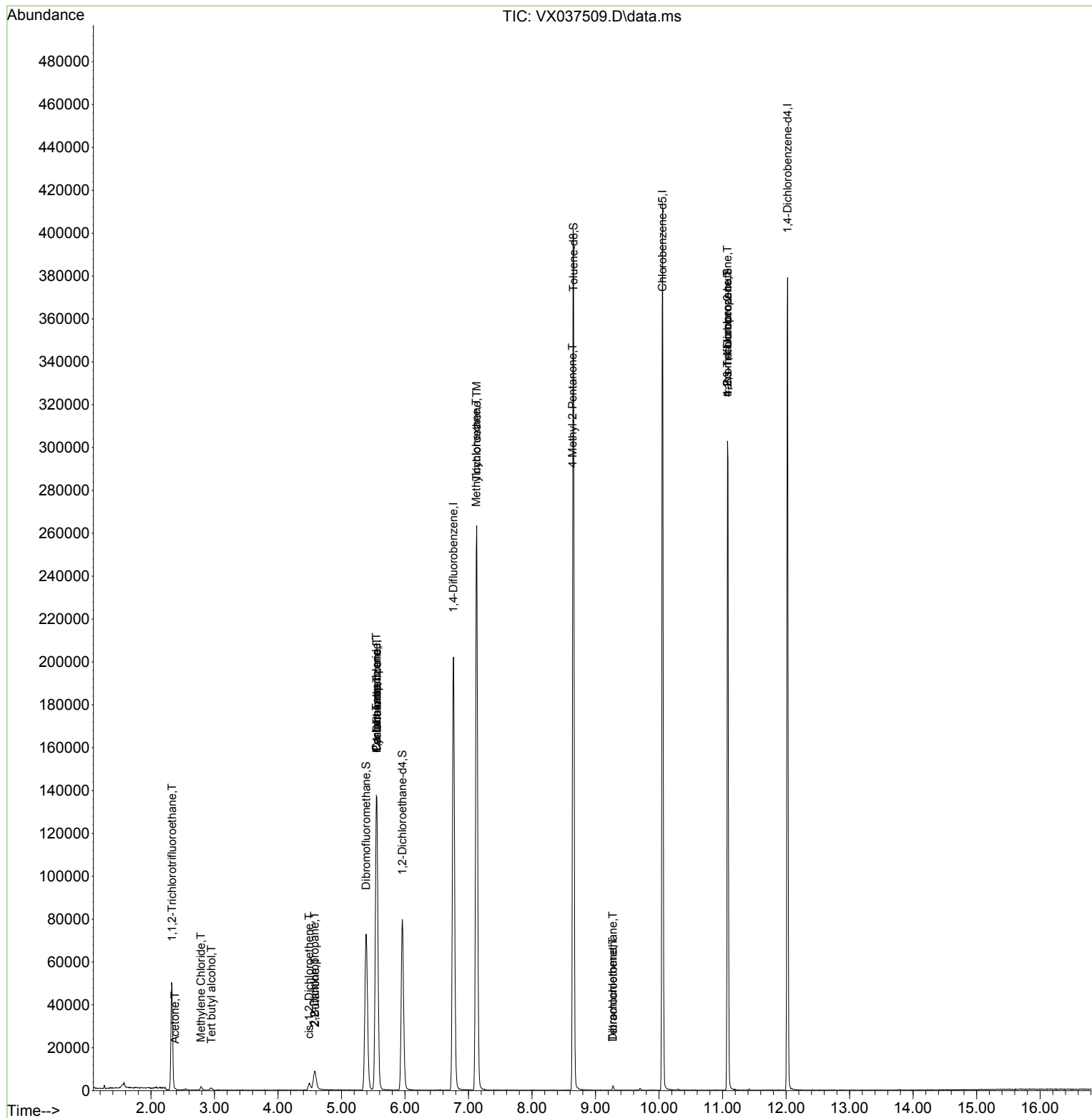
Internal Standards						
1) Pentafluorobenzene	5.556	168	132819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78109	40.792	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.580%		
35) Dibromofluoromethane	5.385	113	67339	46.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.000%		
50) Toluene-d8	8.653	98	255854	48.710	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.420%		
62) 4-Bromofluorobenzene	11.079	95	90063	43.631	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.260%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	20234	14.412	ug/l	94
11) Tert butyl alcohol	2.953	59	769	1.712	ug/l #	78
16) Acetone	2.380	43	831	1.109	ug/l #	74
20) Methylene Chloride	2.788	84	889	0.531	ug/l #	78
25) 2-Butanone	4.586	43	466	0.413	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	793	0.326	ug/l #	54
27) cis-1,2-Dichloroethene	4.489	96	2312	1.262	ug/l	77
31) Cyclohexane	5.556	56	2401	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10320	5.016	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13584	6.079	ug/l #	16
39) Methylcyclohexane	7.123	83	1148	0.531	ug/l #	1
44) Trichloroethene	7.129	130	107760	64.410	ug/l	96
51) 4-Methyl-2-Pentanone	8.641	43	858	0.424	ug/l #	1
60) Dibromochloromethane	9.275	129	365	0.216	ug/l #	11
64) Tetrachloroethene	9.275	164	361	0.254	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	43263	24.733	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43263	69.081	ug/l #	5

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

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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

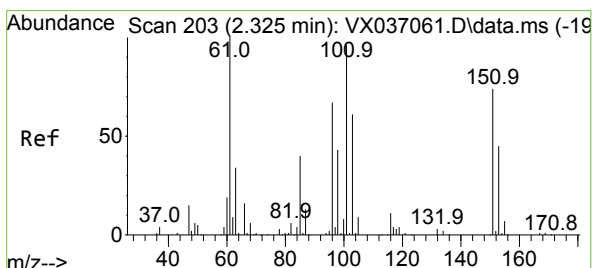
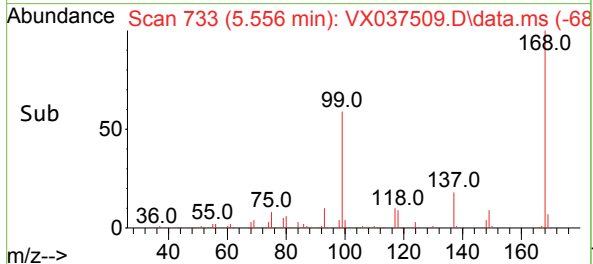
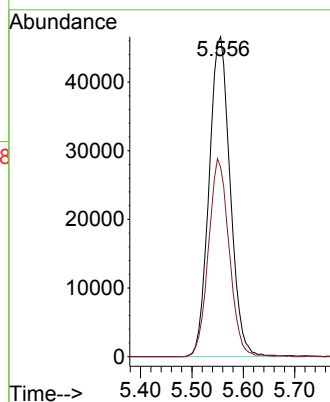
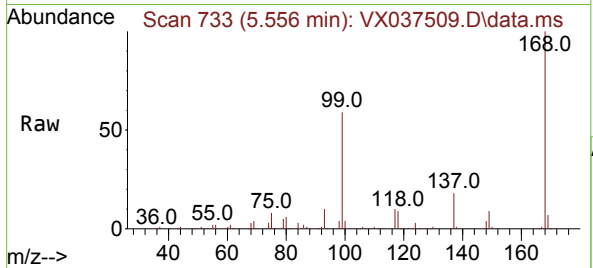




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

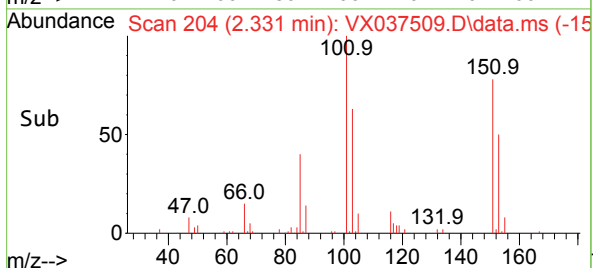
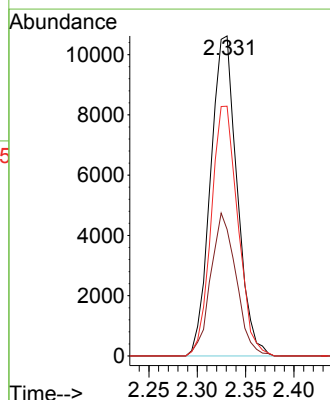
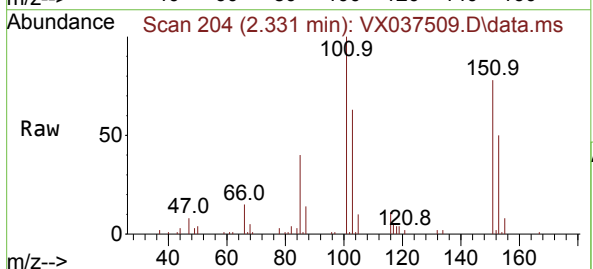
Instrument :
MSVOA_X
ClientSampleId :

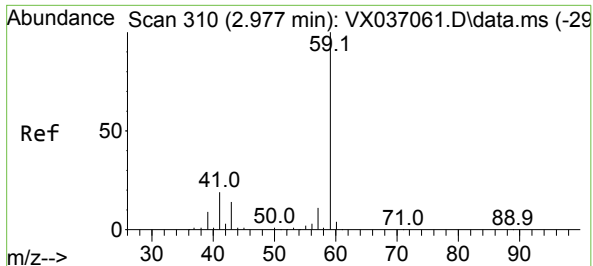
Tgt Ion:168 Resp: 132819
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.412 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion:101 Resp: 20234
Ion Ratio Lower Upper
101 100
85 42.8 37.0 55.6
151 78.3 58.6 87.8





#11

Tert butyl alcohol

Concen: 1.712 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.024 min

Lab File: VX037509.D

Acq: 05 Sep 2023 13:55

Instrument :

MSVOA_X

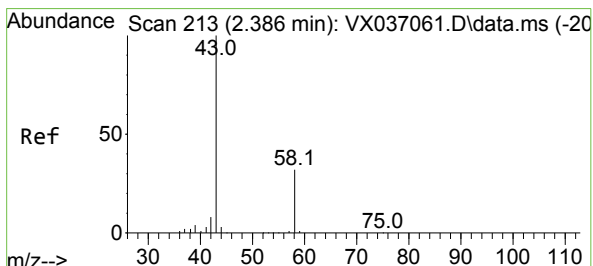
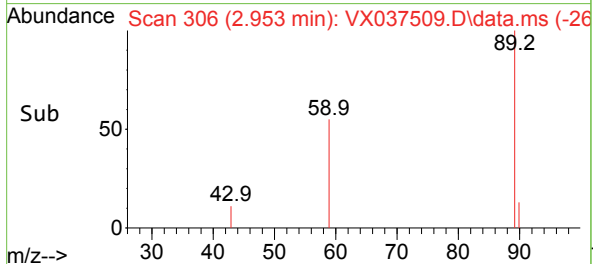
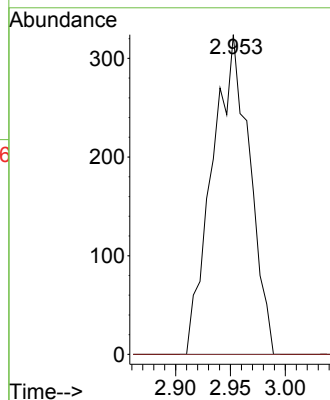
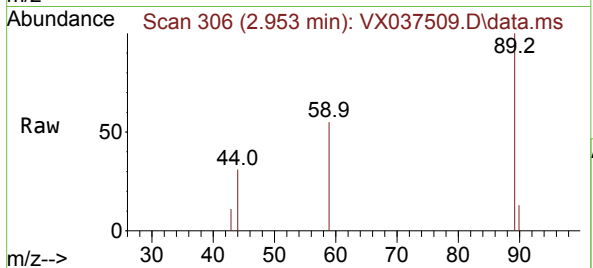
ClientSampleId :

Tgt Ion: 59 Resp: 769

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.109 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037509.D

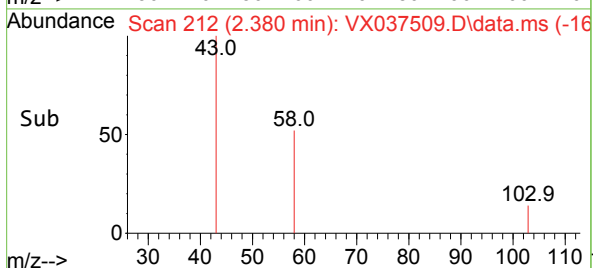
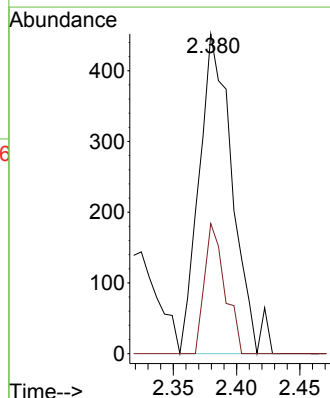
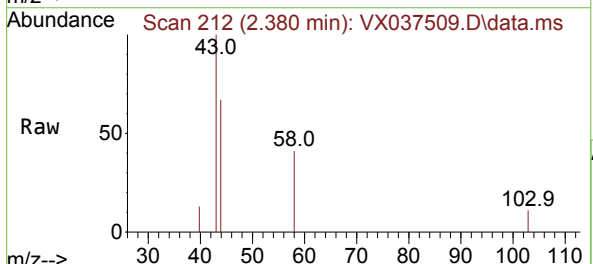
Acq: 05 Sep 2023 13:55

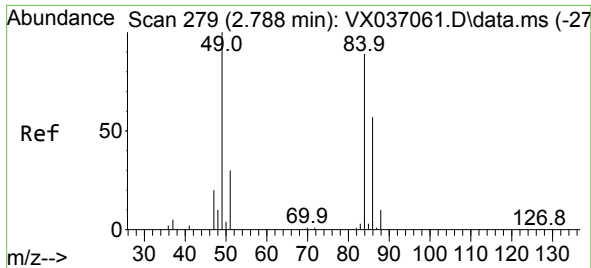
Tgt Ion: 43 Resp: 831

Ion Ratio Lower Upper

43 100

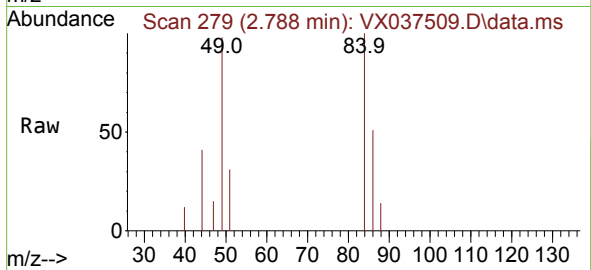
58 40.7 21.9 32.9#



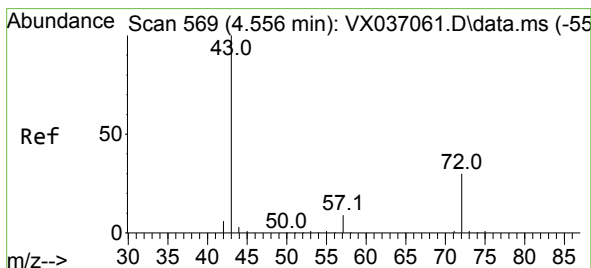
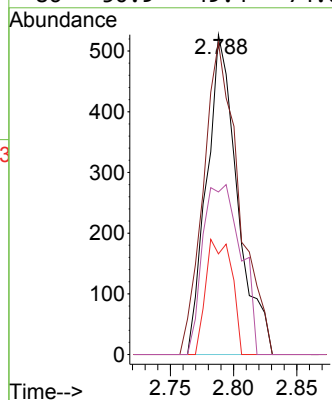


#20
Methylene Chloride
Concen: 0.531 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :

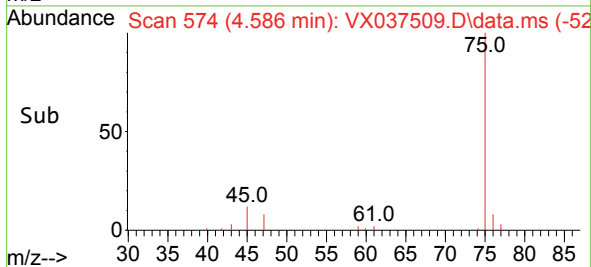
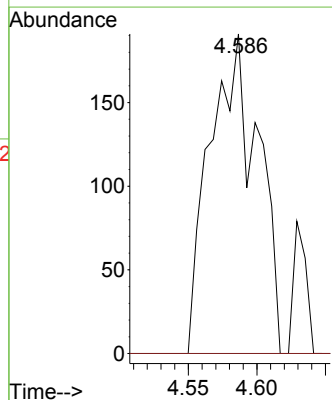
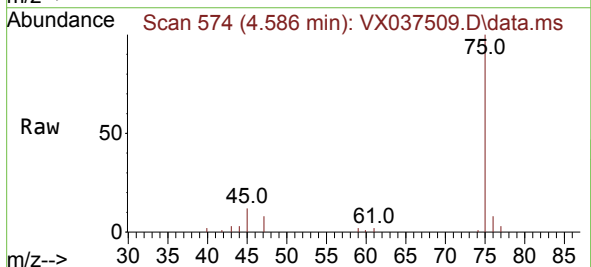


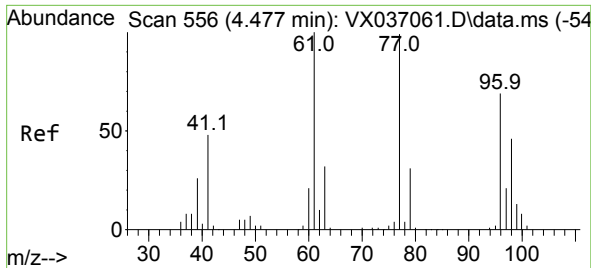
Tgt Ion:	84	Resp:	889
Ion	Ratio	Lower	Upper
84	100		
49	97.5	103.6	155.4#
51	31.5	33.8	50.6#
86	50.9	49.4	74.0



#25
2-Butanone
Concen: 0.413 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion:	43	Resp:	466
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

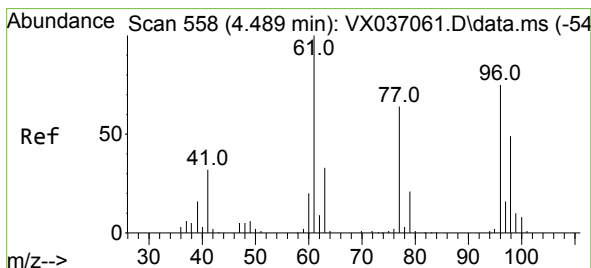
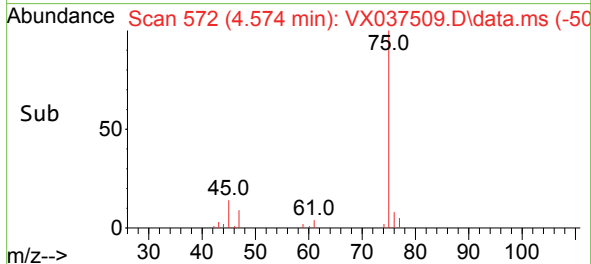
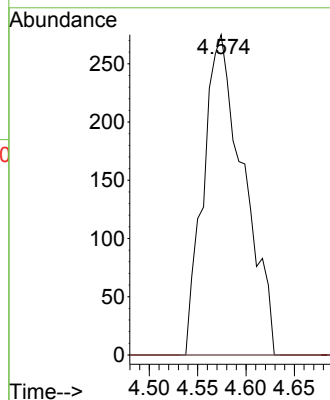
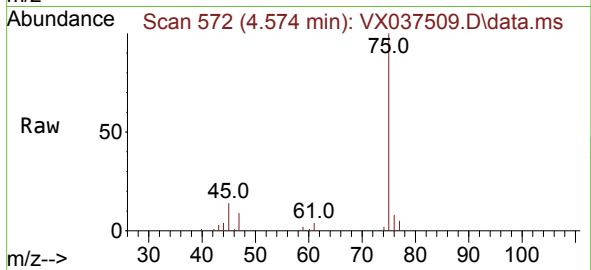




#26
2,2-Dichloropropane
Concen: 0.326 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.098 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

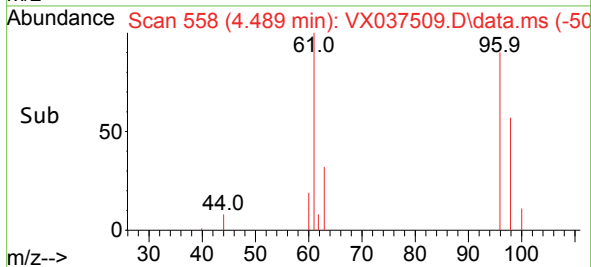
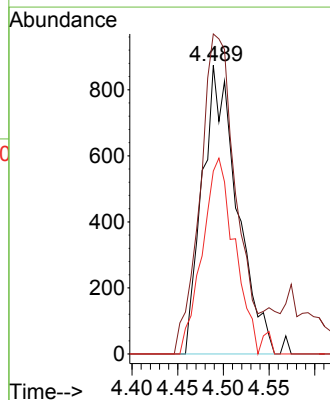
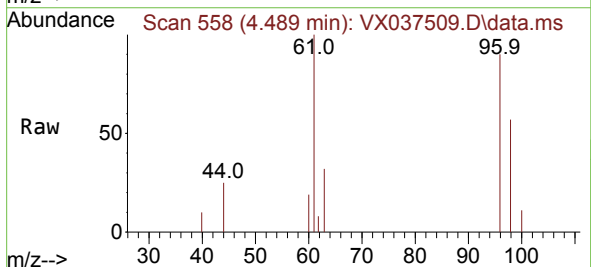
Instrument :
MSVOA_X
ClientSampleId :

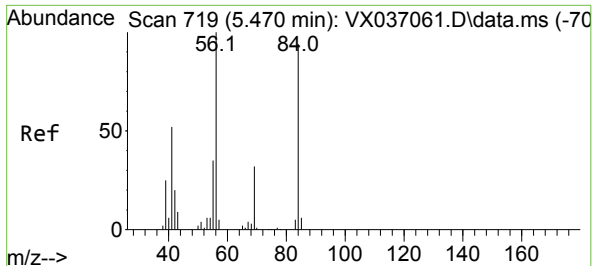
Tgt Ion: 77 Resp: 793
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#27
cis-1,2-Dichloroethene
Concen: 1.262 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

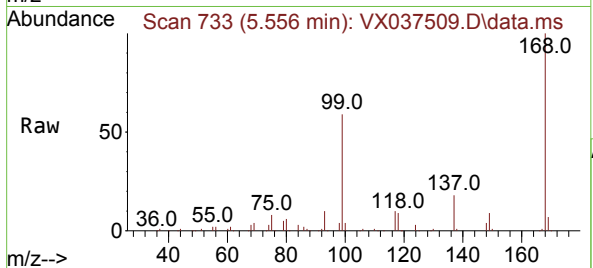
Tgt Ion: 96 Resp: 2312
Ion Ratio Lower Upper
96 100
61 115.1 0.0 312.2
98 63.0 0.0 129.0



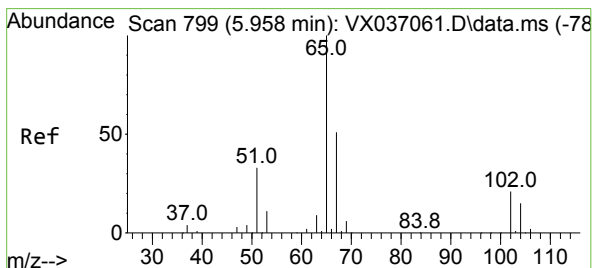
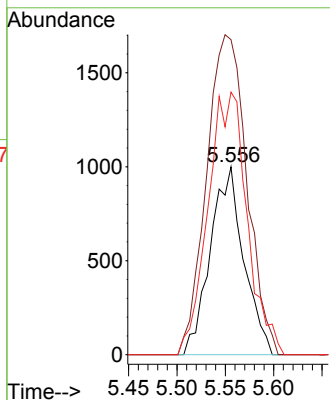
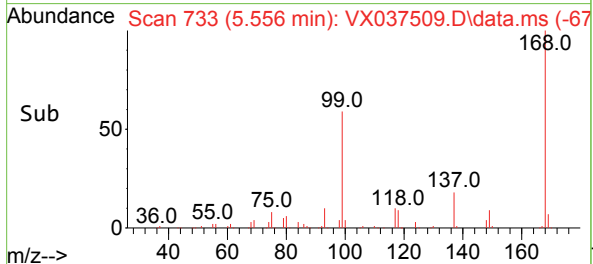


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :

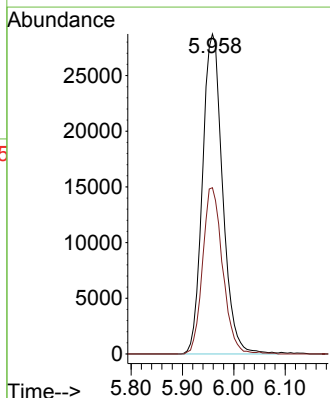
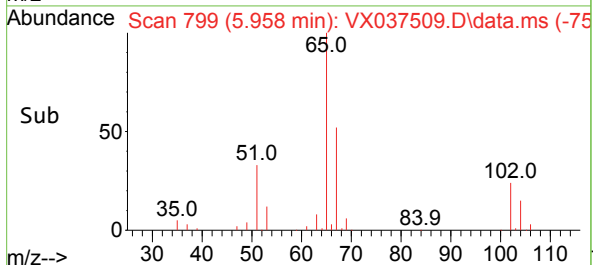
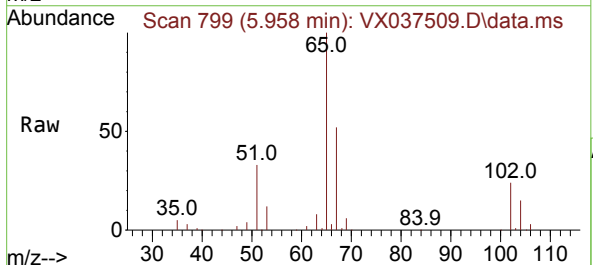


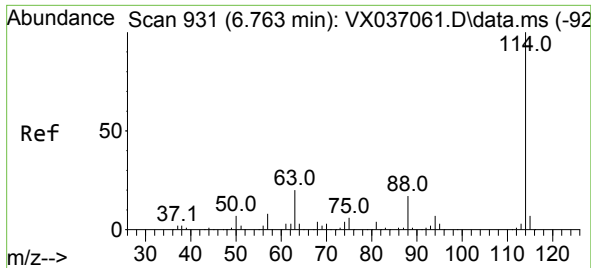
Tgt Ion: 56 Resp: 2401
Ion Ratio Lower Upper
56 100
69 167.7 23.4 35.2#
84 139.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.792 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion: 65 Resp: 78109
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

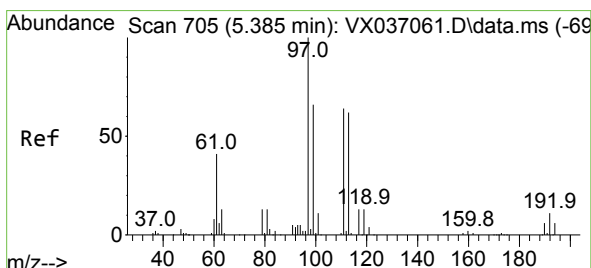
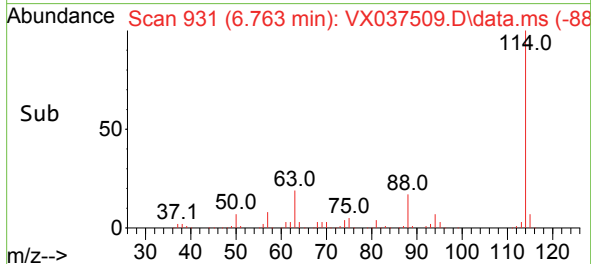
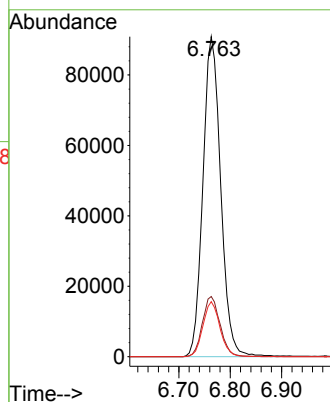
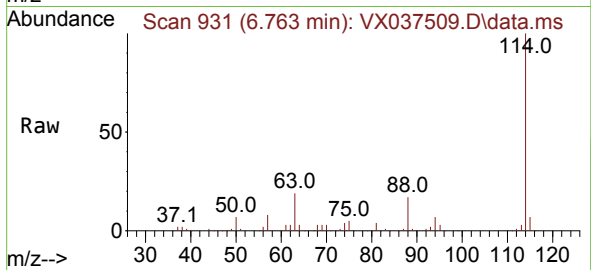




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

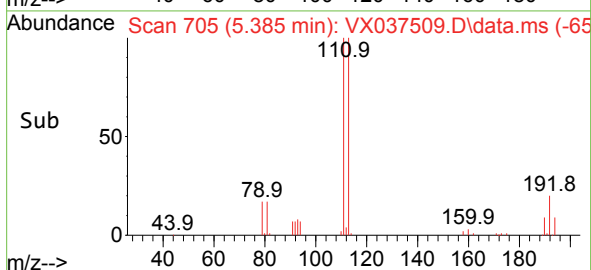
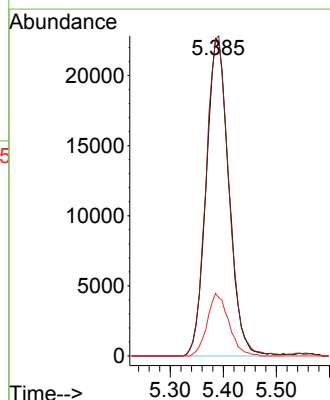
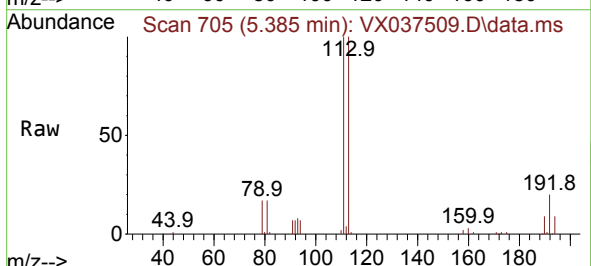
Instrument :
MSVOA_X
ClientSampleId :

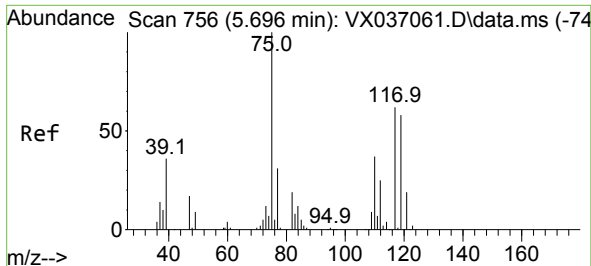
Tgt Ion:114 Resp: 218644
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.504 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

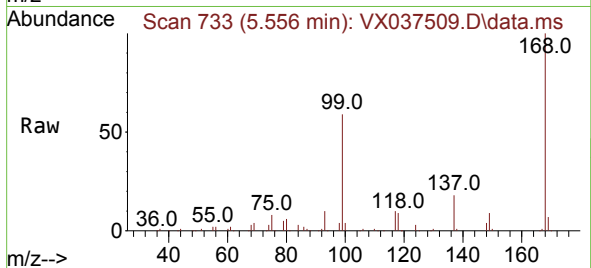
Tgt Ion:113 Resp: 67339
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 18.7 13.3 19.9



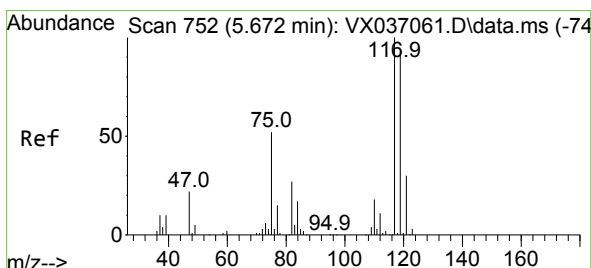
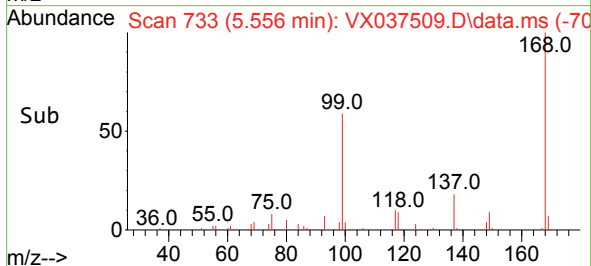
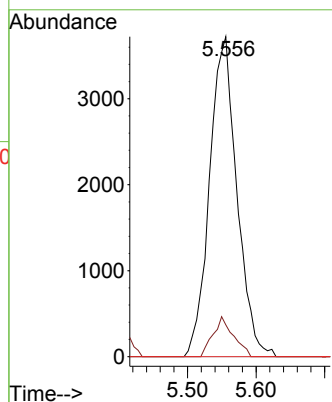


#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :

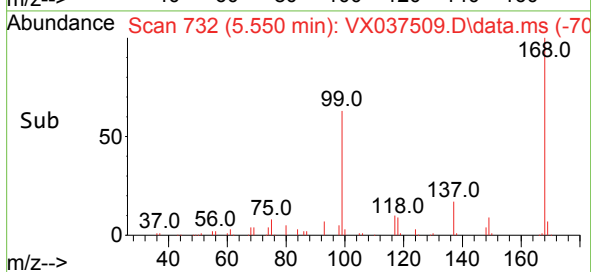
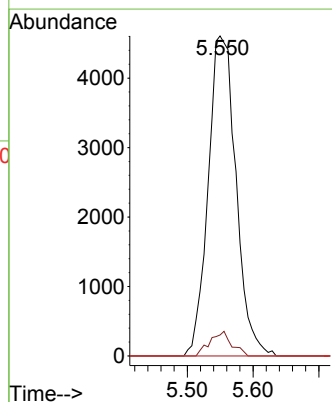
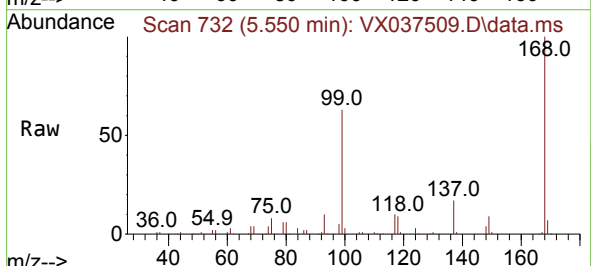


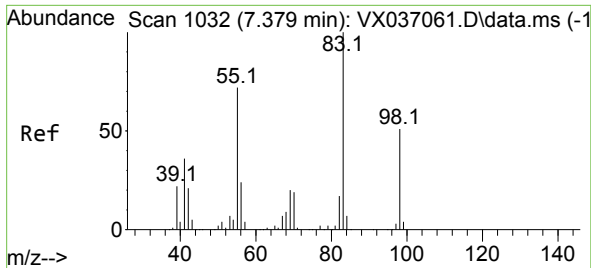
Tgt Ion: 75 Resp: 10320
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion: 117 Resp: 13584
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#

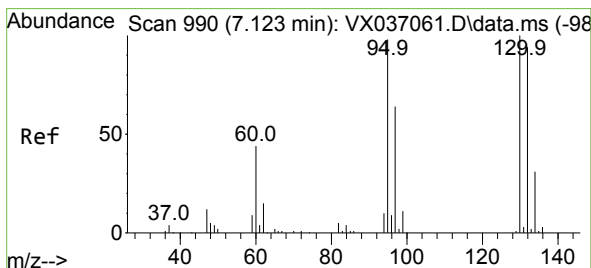
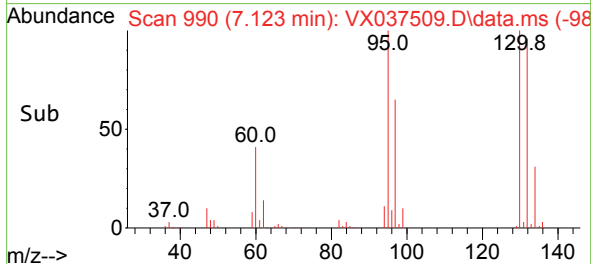
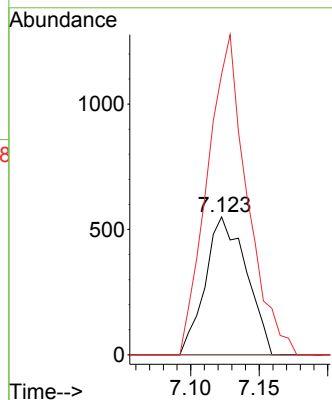
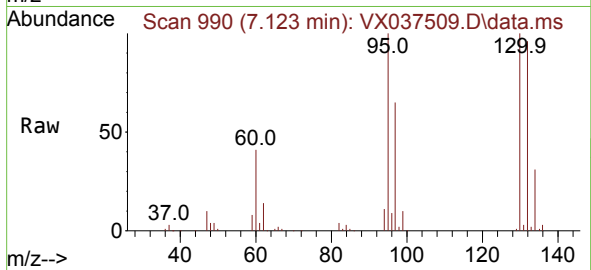




#39
Methylcyclohexane
Concen: 0.531 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

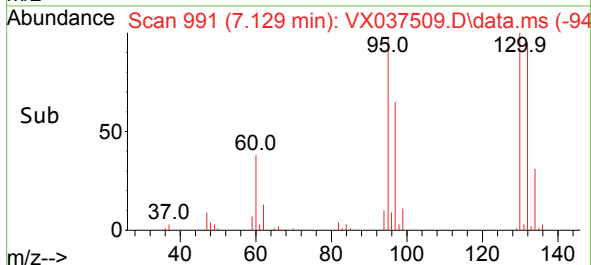
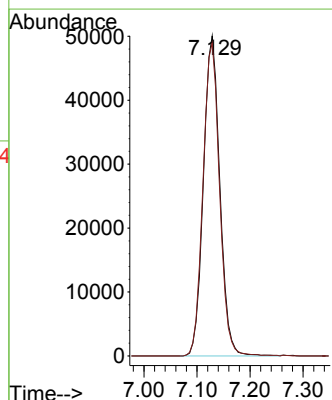
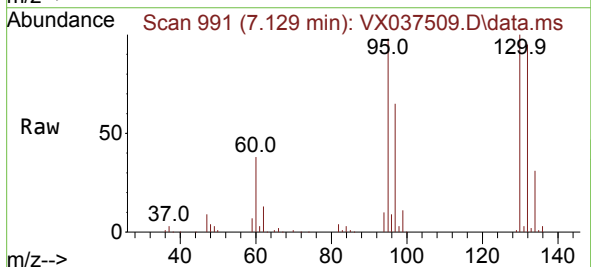
Instrument :
MSVOA_X
ClientSampleId :

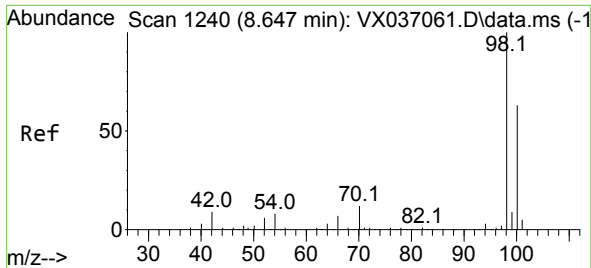
Tgt Ion: 83 Resp: 1148
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 203.6 36.7 55.1#



#44
Trichloroethene
Concen: 64.410 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion:130 Resp: 107760
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.4

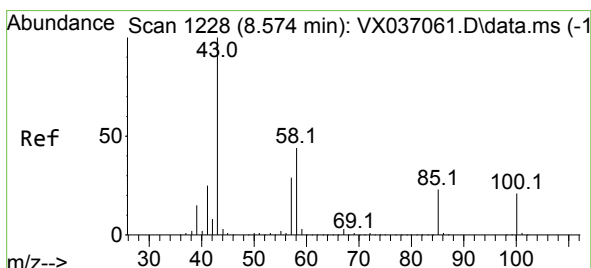
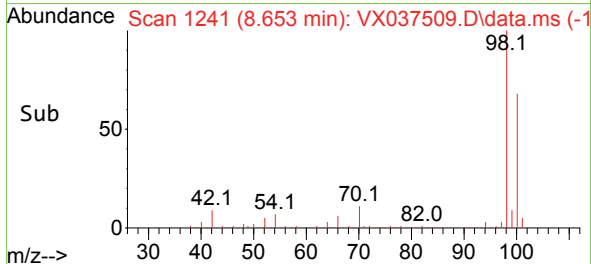
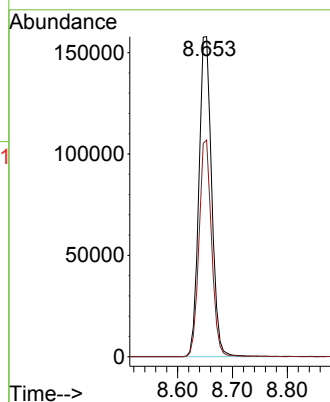
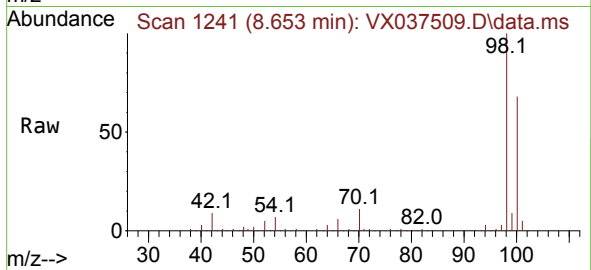




#50
Toluene-d8
Concen: 48.710 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

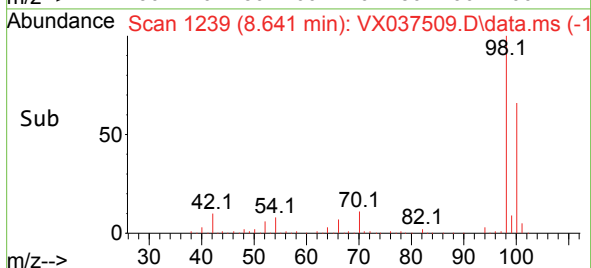
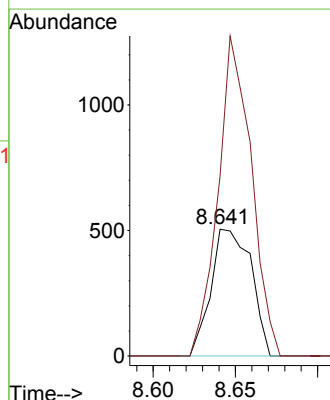
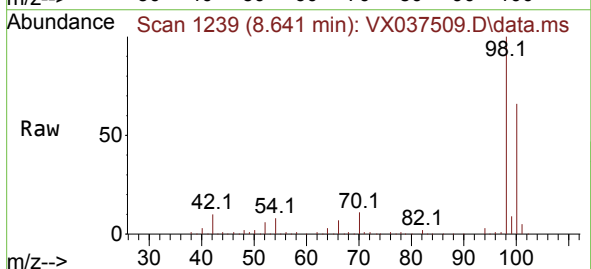
Instrument :
MSVOA_X
ClientSampleId :

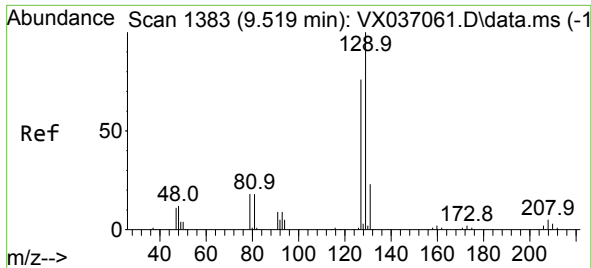
Tgt Ion: 98 Resp: 255854
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 209.7 30.4 45.6#

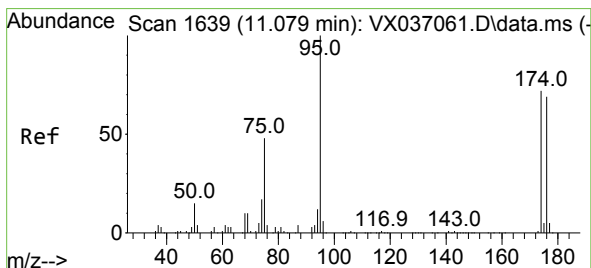
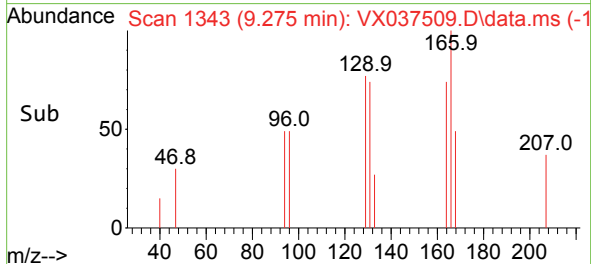
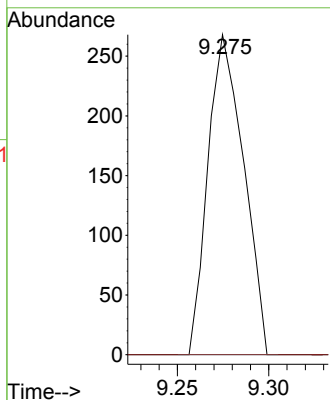
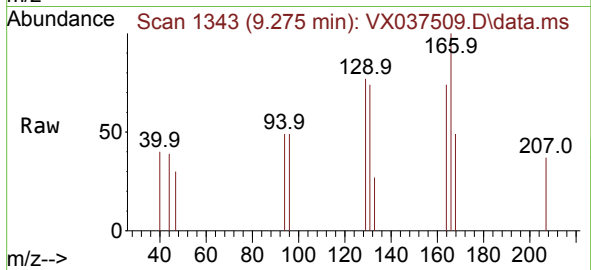




#60
Dibromochloromethane
Concen: 0.216 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

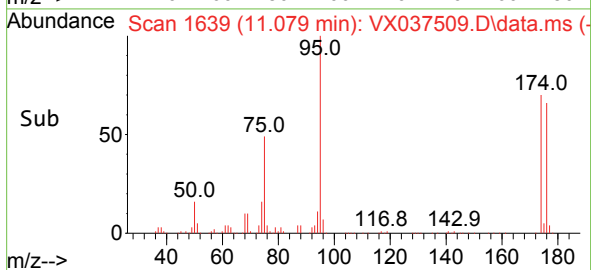
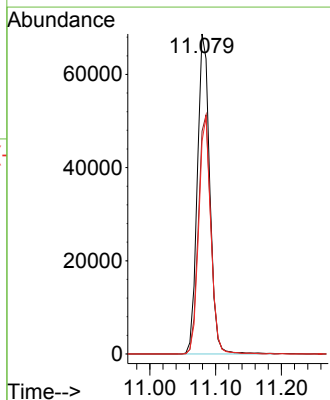
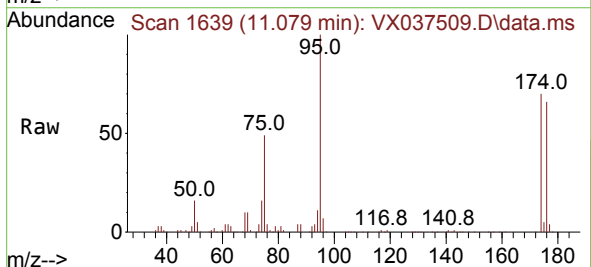
Instrument :
MSVOA_X
ClientSampleId :

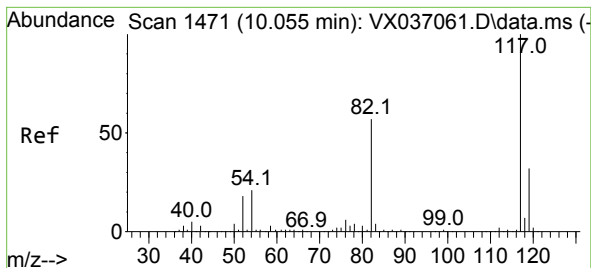
Tgt Ion:129 Resp: 365
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 43.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion: 95 Resp: 90063
Ion Ratio Lower Upper
95 100
174 75.4 0.0 135.6
176 72.4 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: VX037509.D

Acq: 05 Sep 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

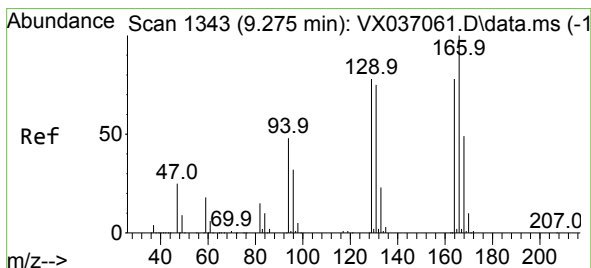
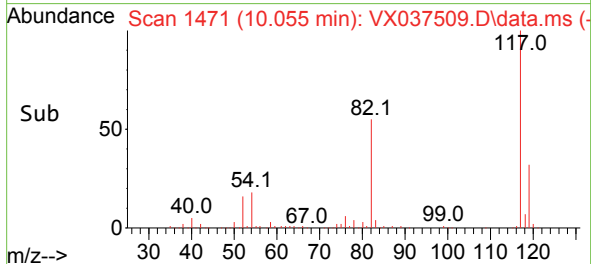
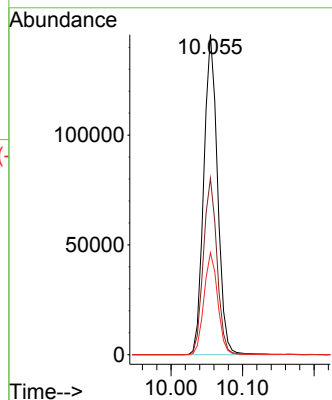
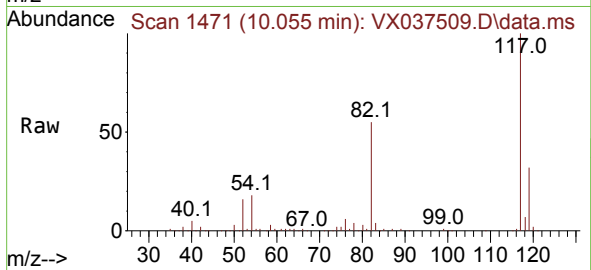
Tgt Ion:117 Resp: 194862

Ion Ratio Lower Upper

117 100

82 55.1 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.254 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX037509.D

Acq: 05 Sep 2023 13:55

Tgt Ion:164 Resp: 361

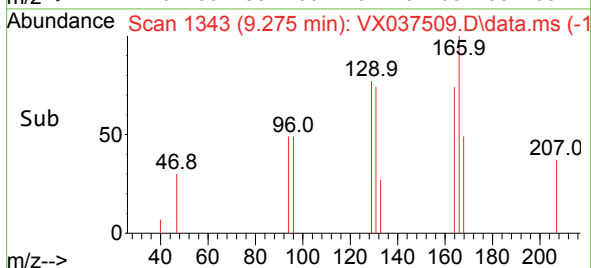
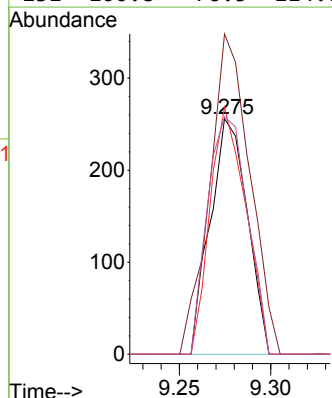
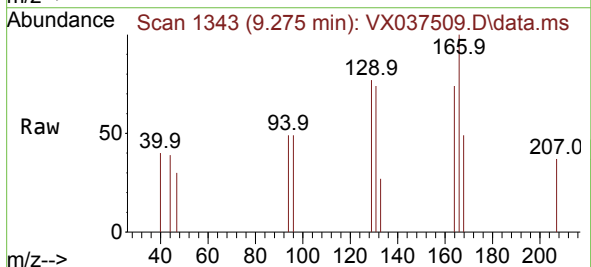
Ion Ratio Lower Upper

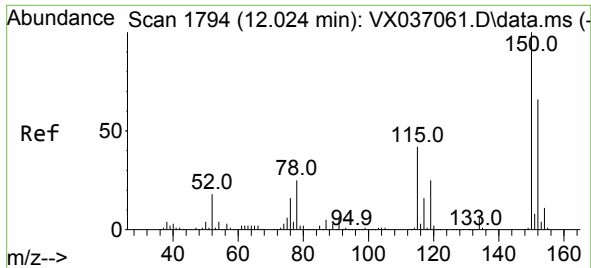
164 100

166 135.9 102.7 154.1

129 104.7 80.4 120.6

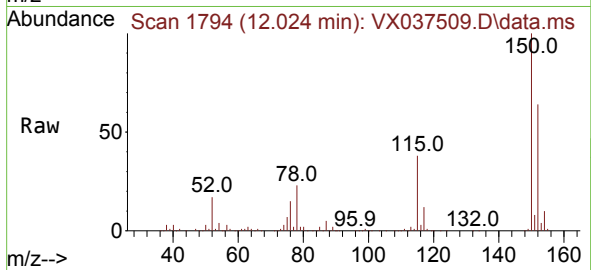
131 100.8 76.5 114.7



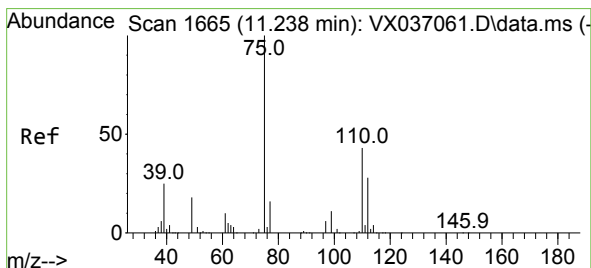
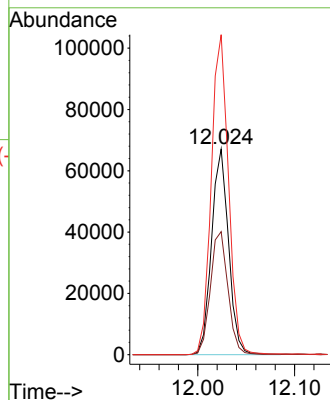
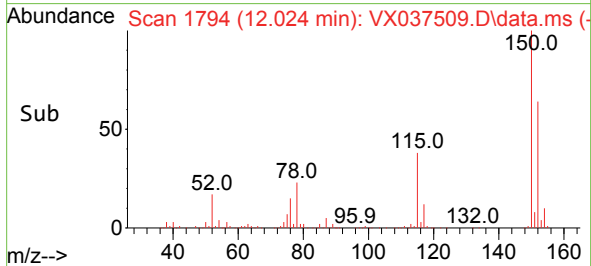


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037509.D
 Acq: 05 Sep 2023 13:55

Instrument :
 MSVOA_X
 ClientSampleId :

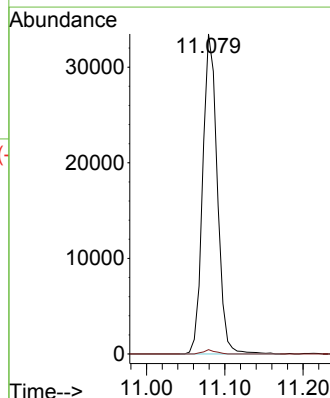
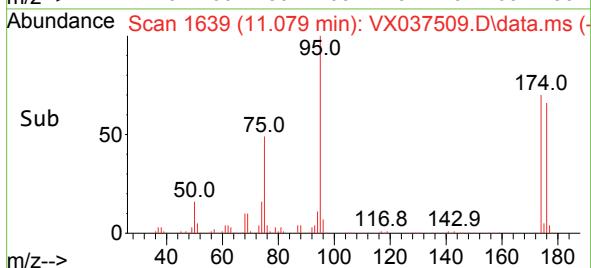
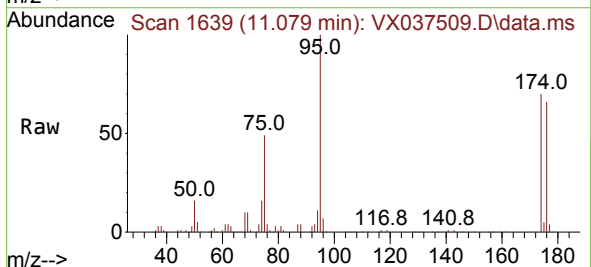


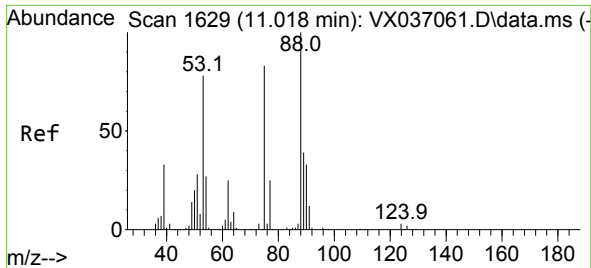
Tgt Ion:152 Resp: 82134
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.3 129.9
 150 157.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.733 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037509.D
 Acq: 05 Sep 2023 13:55

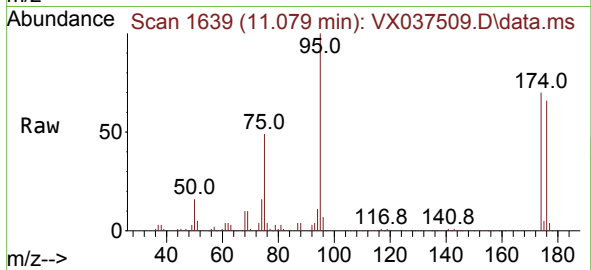
Tgt Ion: 75 Resp: 43263
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.081 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037509.D
 Acq: 05 Sep 2023 13:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 43263
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

