

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037529.D
 Acq On : 06 Sep 2023 03:36
 Operator : JC/MD
 Sample : VX0905WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 06 05:26:38 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	145057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86163	41.202	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.400%		
35) Dibromofluoromethane	5.391	113	74411	46.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.860%		
50) Toluene-d8	8.647	98	284272	48.904	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.800%		
62) 4-Bromofluorobenzene	11.079	95	102008	44.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	715	1.458	ug/l #	78
16) Acetone	2.380	43	731	0.894	ug/l	100
20) Methylene Chloride	2.788	84	770	0.421	ug/l #	78
26) 2,2-Dichloropropane	4.581	77	577	0.217	ug/l #	54
31) Cyclohexane	5.550	56	2587	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11272	4.951	ug/l #	51
38) Carbon Tetrachloride	5.544	117	14858	6.008	ug/l #	15
44) Trichloroethene	7.141	130	553	0.299	ug/l	62
76) 1,2,3-Trichloropropane	11.079	75	49106	24.176	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49106	67.524	ug/l #	5

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

Quant Time: Sep 06 05:26:38 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

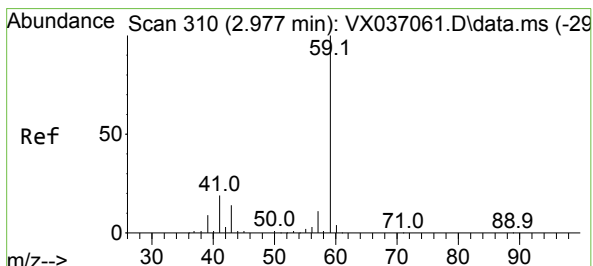
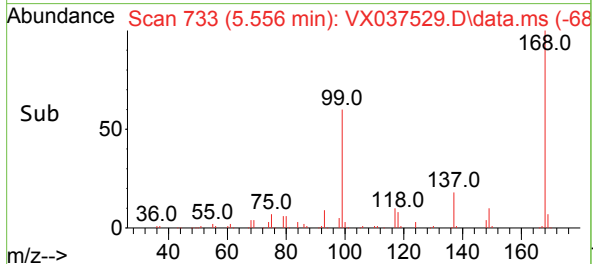
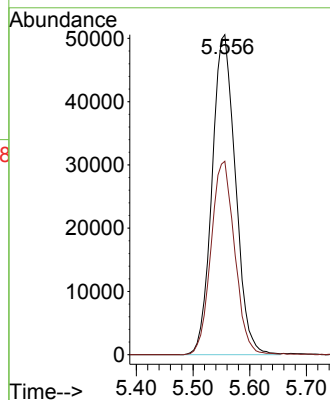
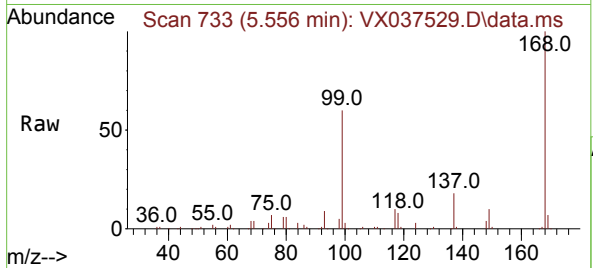




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

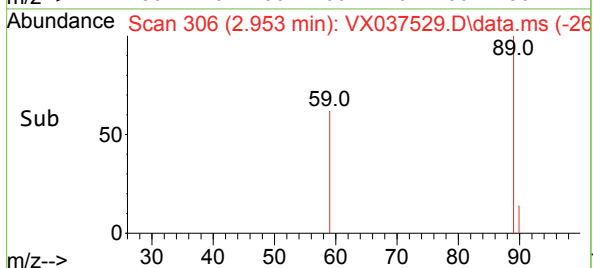
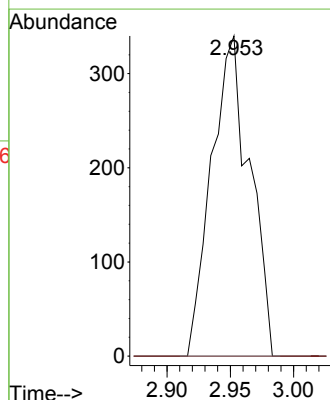
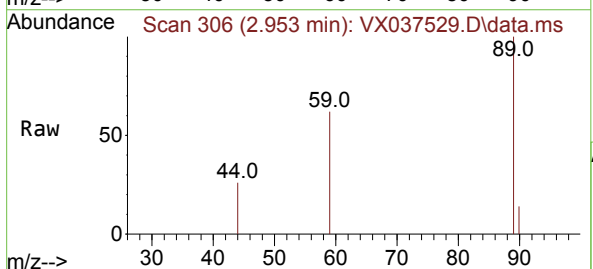
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 145057
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.458 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

Tgt Ion: 59 Resp: 715
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

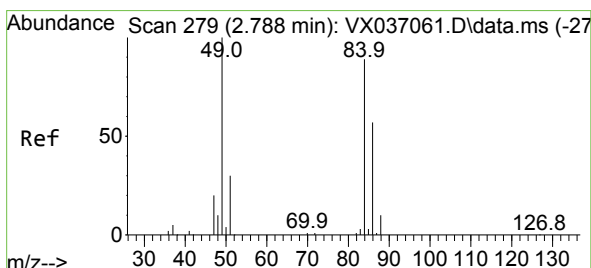
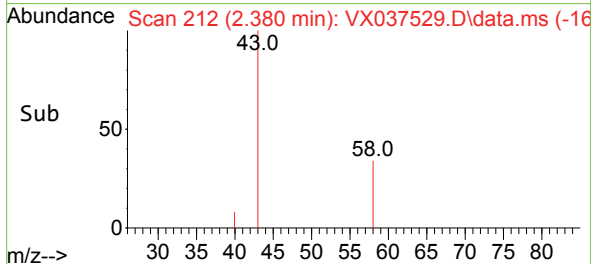
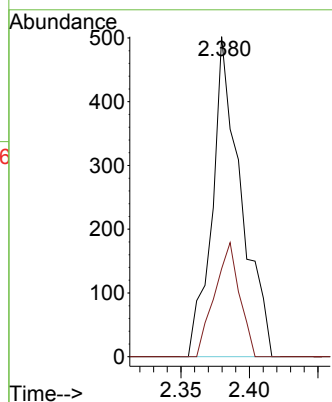
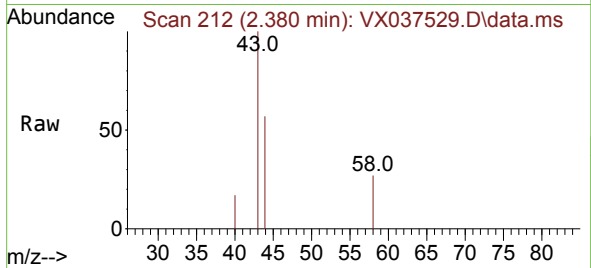




#16
Acetone
Concen: 0.894 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

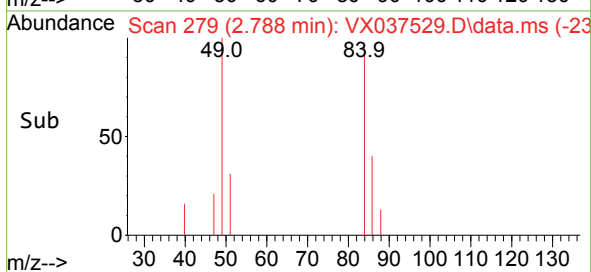
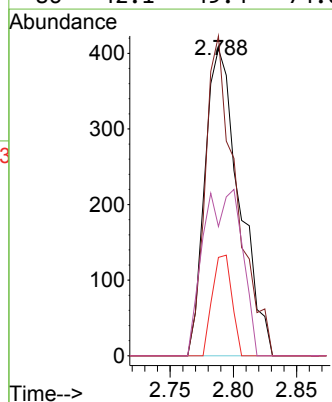
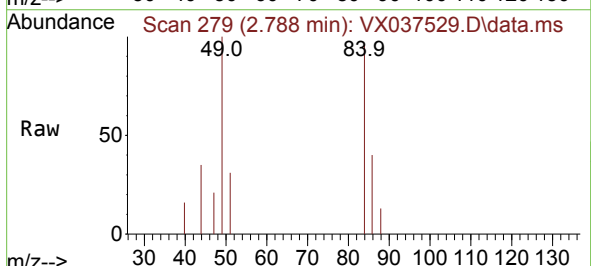
Instrument :
MSVOA_X
ClientSampleId :

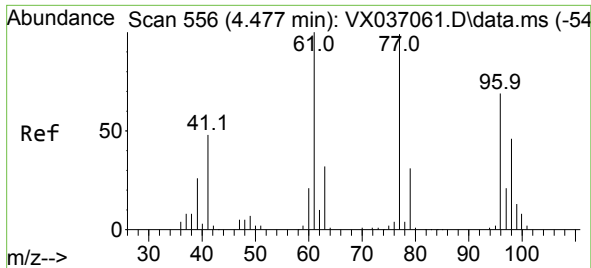
Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.421 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

Tgt Ion: 84 Resp: 770
Ion Ratio Lower Upper
84 100
49 104.2 103.6 155.4
51 32.0 33.8 50.6#
86 42.1 49.4 74.0#

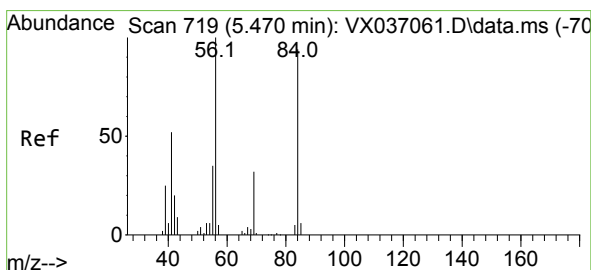
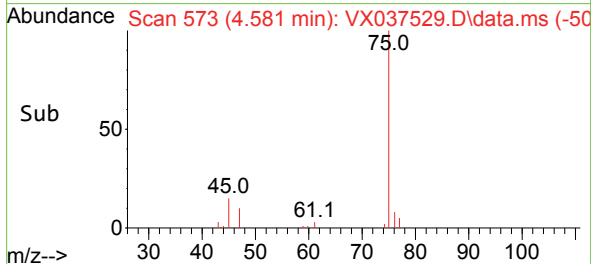
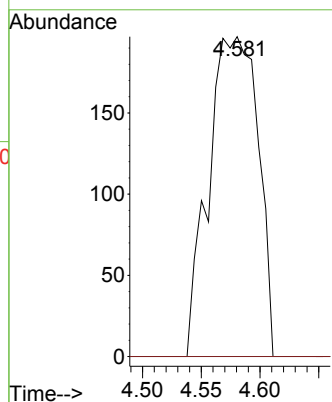
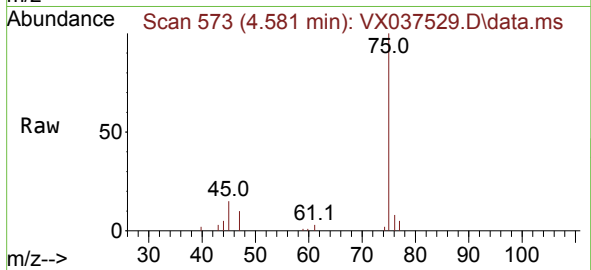




#26
2,2-Dichloropropane
Concen: 0.217 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.104 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

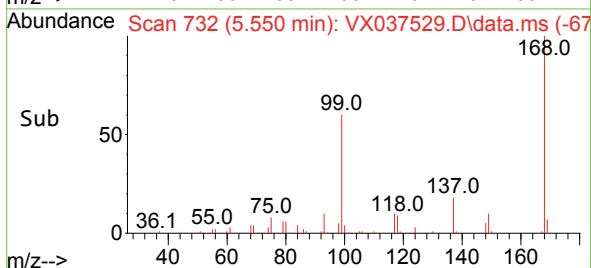
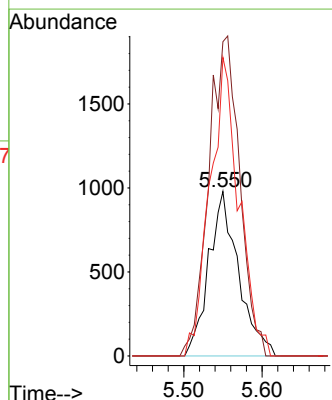
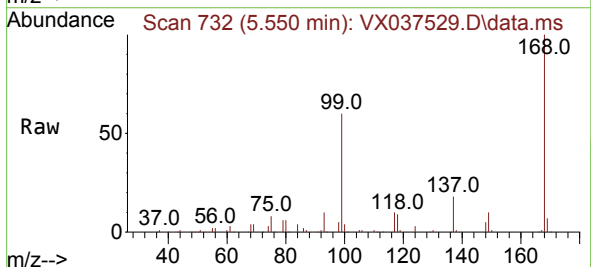
Instrument :
MSVOA_X
ClientSampleId :

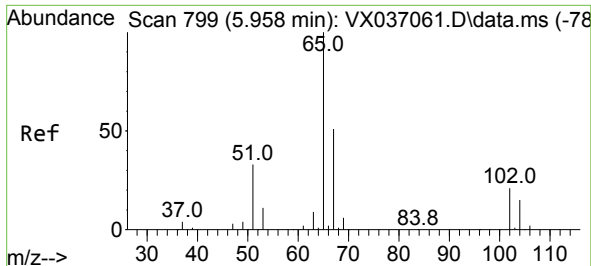
Tgt Ion: 77 Resp: 577
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

Tgt Ion: 56 Resp: 2587
Ion Ratio Lower Upper
56 100
69 191.1 23.4 35.2#
84 181.5 65.9 98.9#

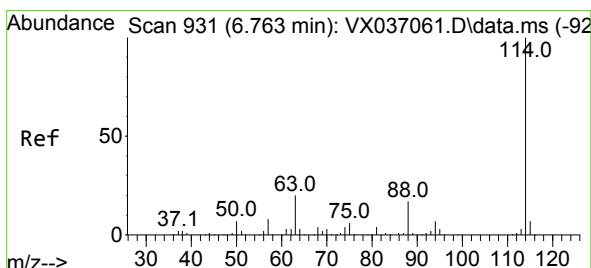
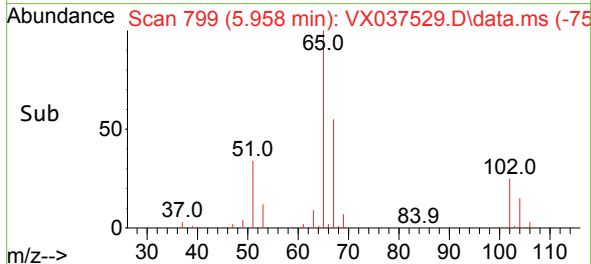
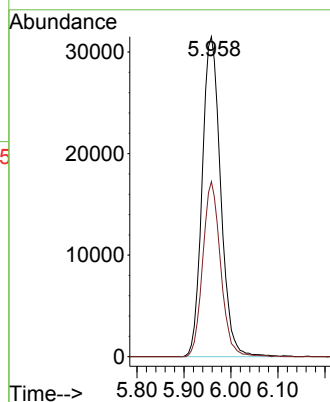
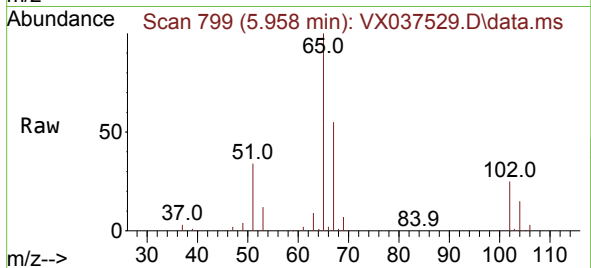




#33
 1,2-Dichloroethane-d4
 Concen: 41.202 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037529.D
 Acq: 06 Sep 2023 03:36

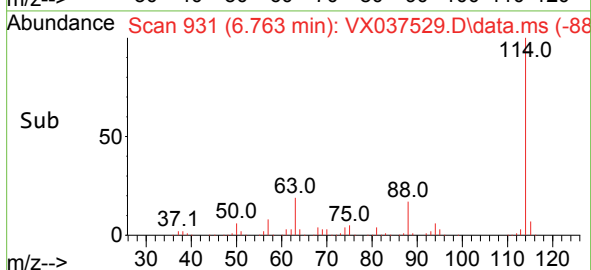
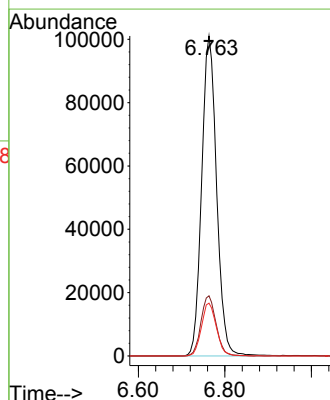
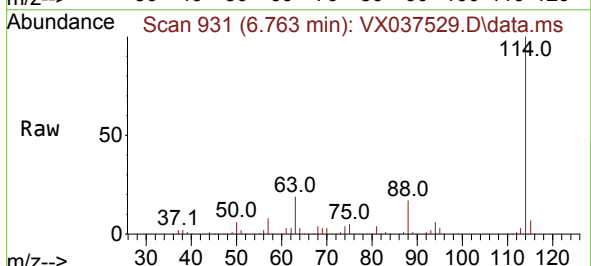
Instrument :
 MSVOA_X
 ClientSampleId :

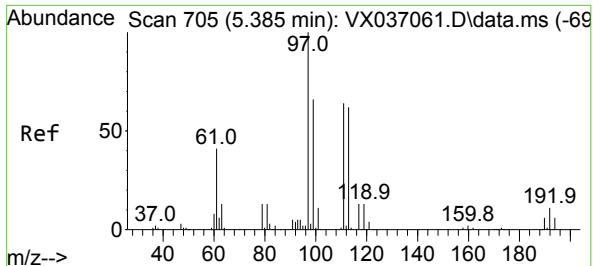
Tgt Ion: 65 Resp: 86163
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037529.D
 Acq: 06 Sep 2023 03:36

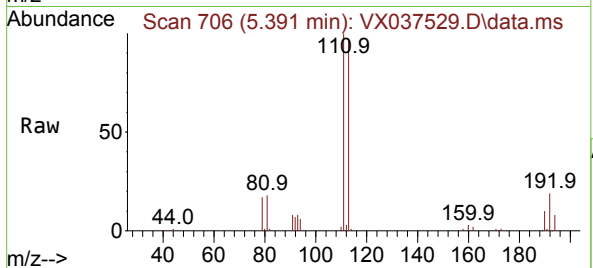
Tgt Ion: 114 Resp: 241966
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 16.5 0.0 36.6



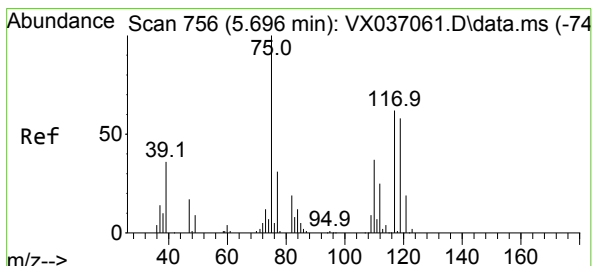
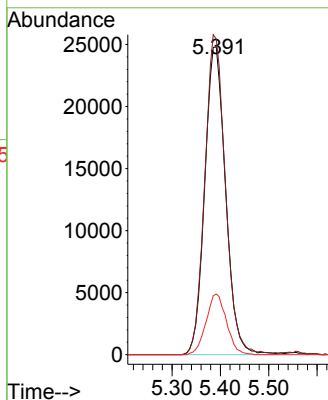
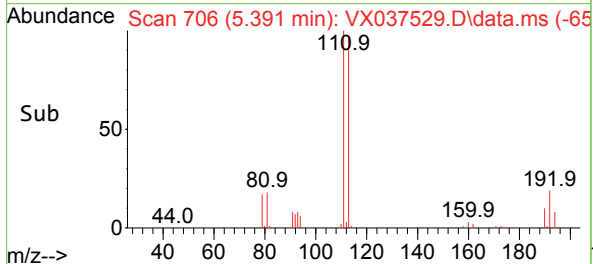


#35
Dibromofluoromethane
Concen: 46.435 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

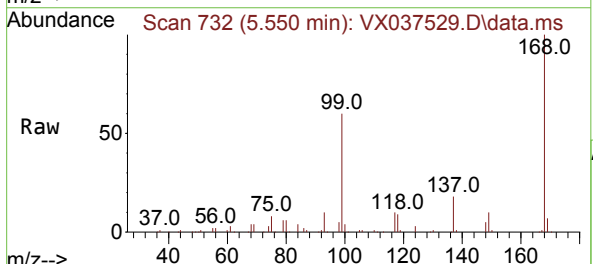
Instrument :
MSVOA_X
ClientSampleId :



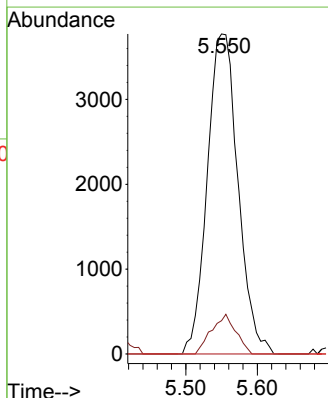
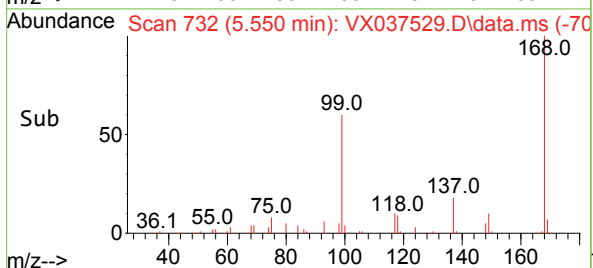
Tgt Ion:113 Resp: 74411
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.3 13.3 19.9

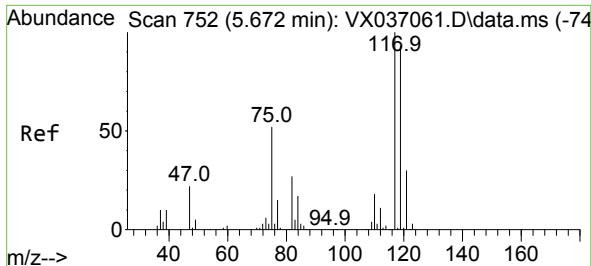


#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36



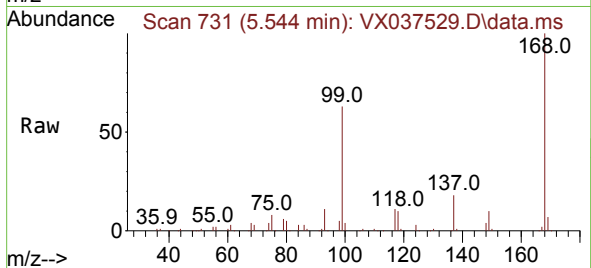
Tgt Ion: 75 Resp: 11272
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



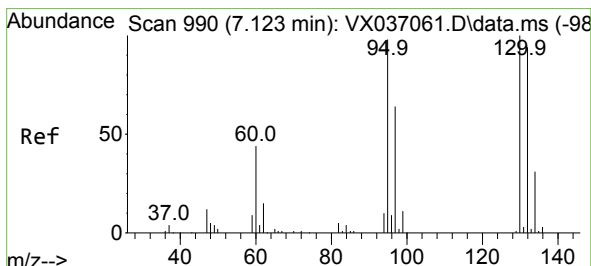
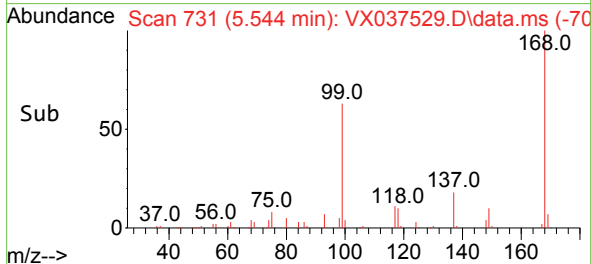
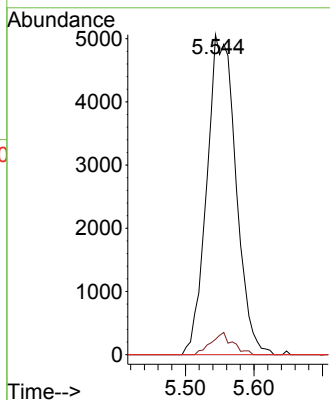


#38
Carbon Tetrachloride
Concen: 6.008 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

Instrument :
MSVOA_X
ClientSampleId :

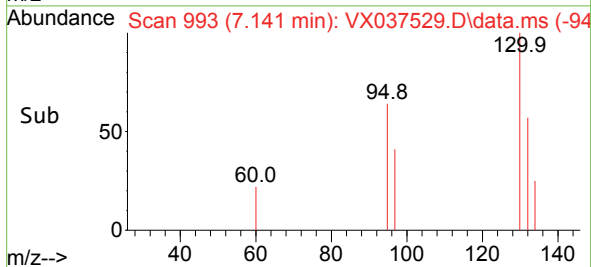
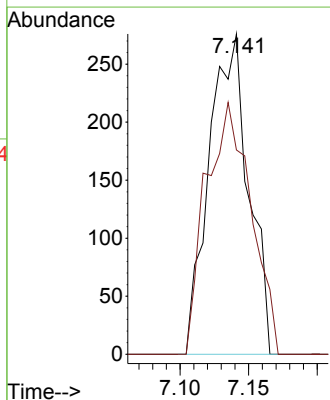
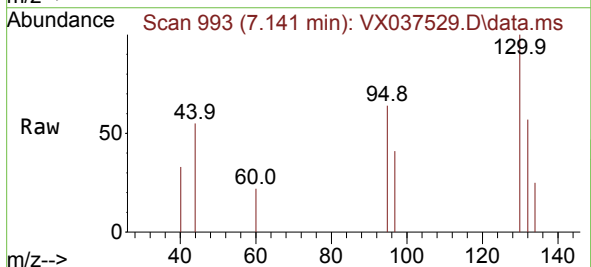


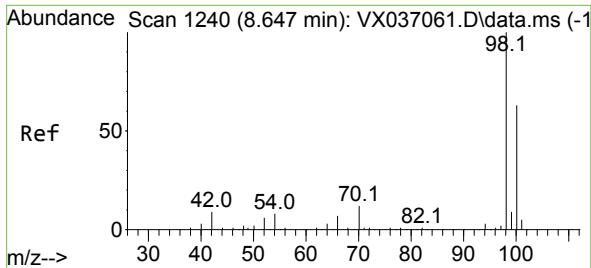
Tgt Ion:117 Resp: 14858
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.299 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

Tgt Ion:130 Resp: 553
Ion Ratio Lower Upper
130 100
95 63.8 0.0 204.4

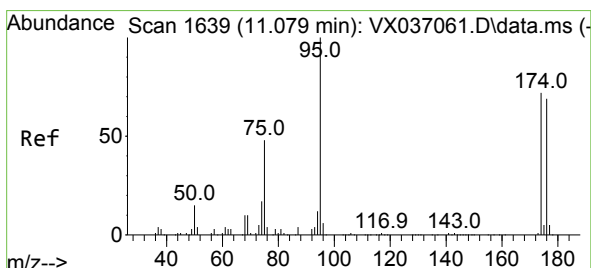
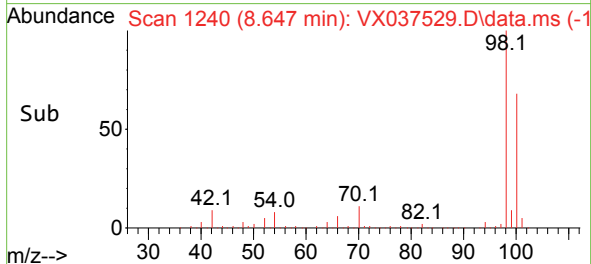
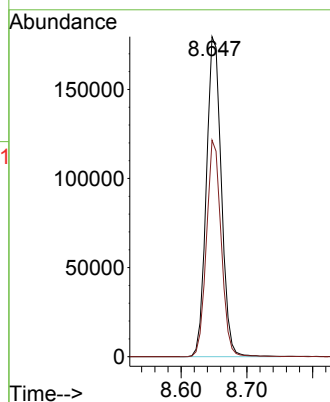
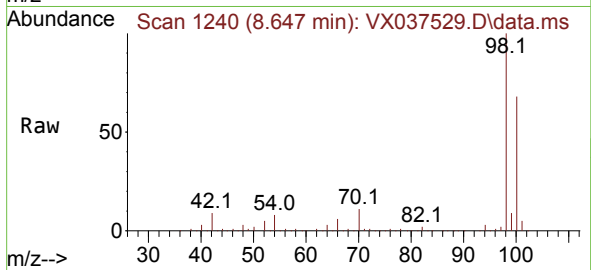




#50
Toluene-d8
Concen: 48.904 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

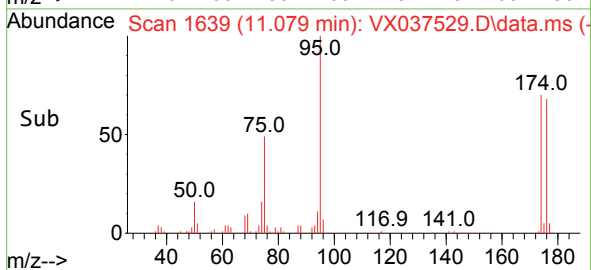
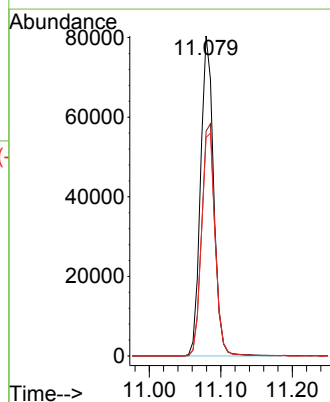
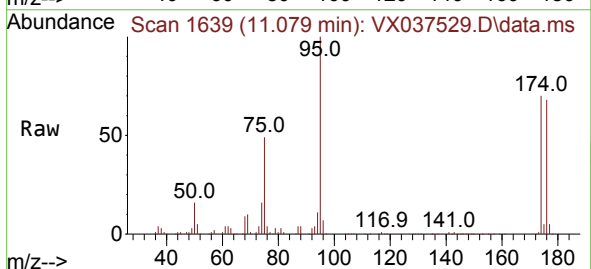
Instrument :
MSVOA_X
ClientSampleId :

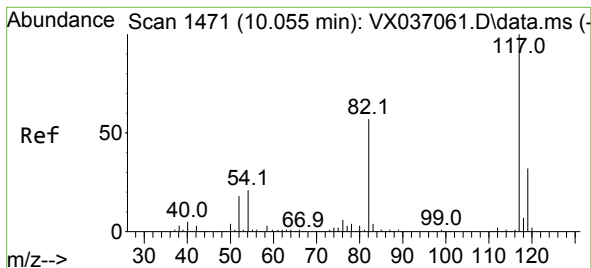
Tgt Ion: 98 Resp: 284272
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

Tgt Ion: 95 Resp: 102008
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 72.8 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: VX037529.D

Acq: 06 Sep 2023 03:36

Instrument :

MSVOA_X

ClientSampleId :

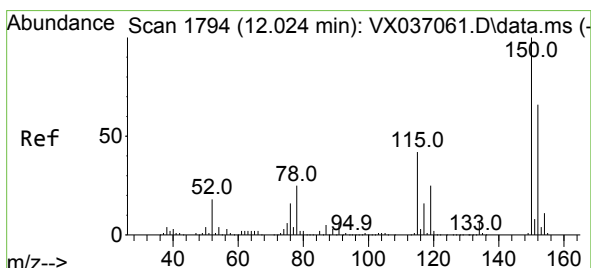
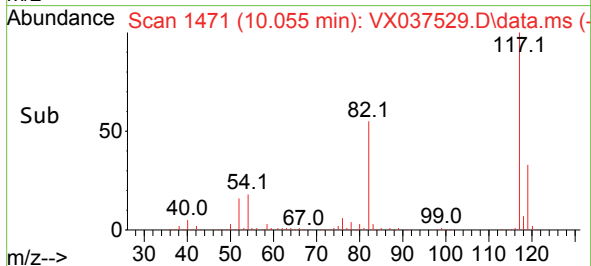
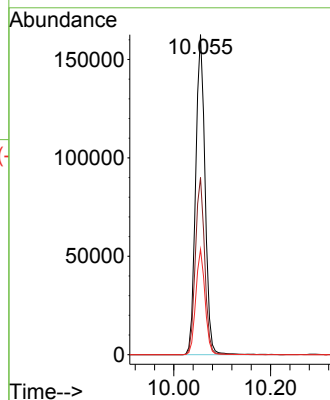
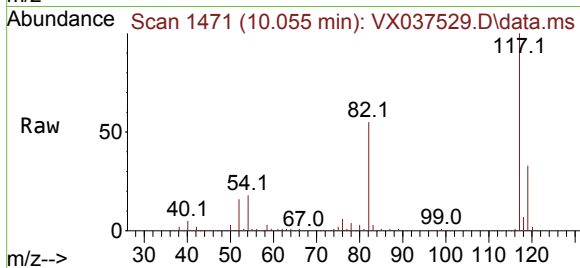
Tgt Ion:117 Resp: 218288

Ion Ratio Lower Upper

117 100

82 55.4 46.2 69.4

119 32.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037529.D

Acq: 06 Sep 2023 03:36

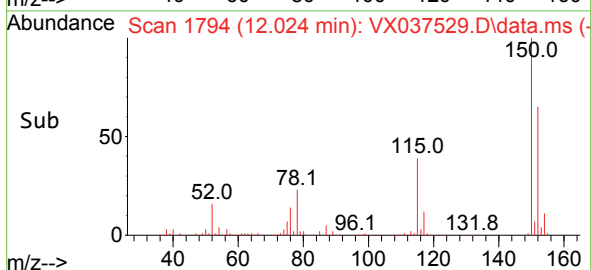
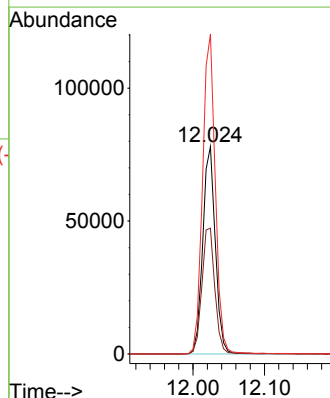
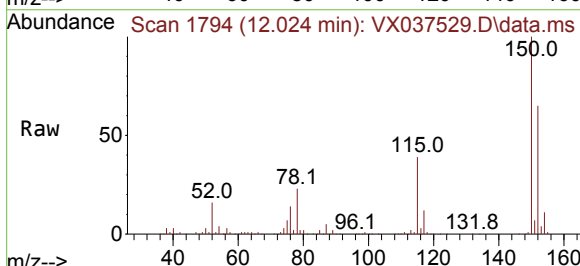
Tgt Ion:152 Resp: 95376

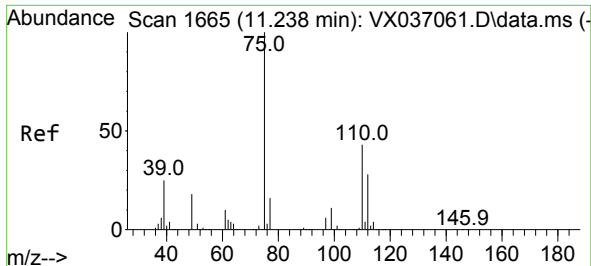
Ion Ratio Lower Upper

152 100

115 62.4 43.3 129.9

150 155.8 0.0 345.0

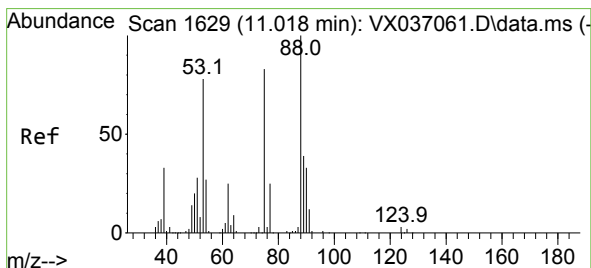
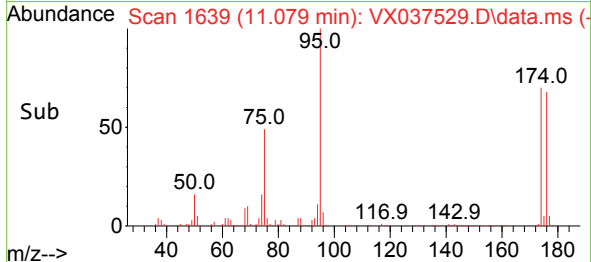
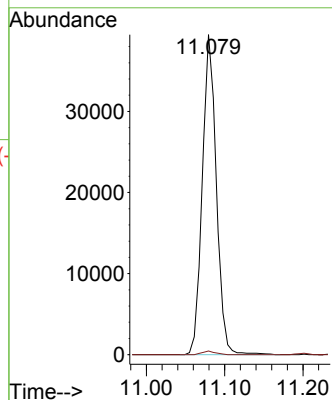
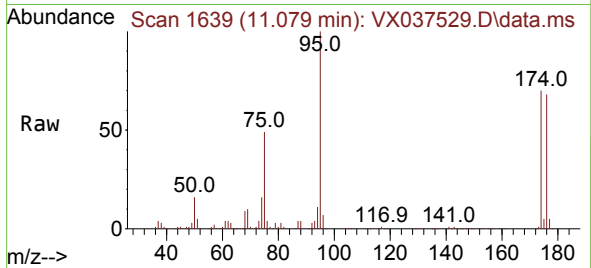




#76
1,2,3-Trichloropropane
Concen: 24.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49106
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037529.D
Acq: 06 Sep 2023 03:36

Tgt Ion: 75 Resp: 49106
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

