

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037829.D
 Acq On : 20 Sep 2023 13:33
 Operator : JC/MD
 Sample : 04526-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 21 05:56:15 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)

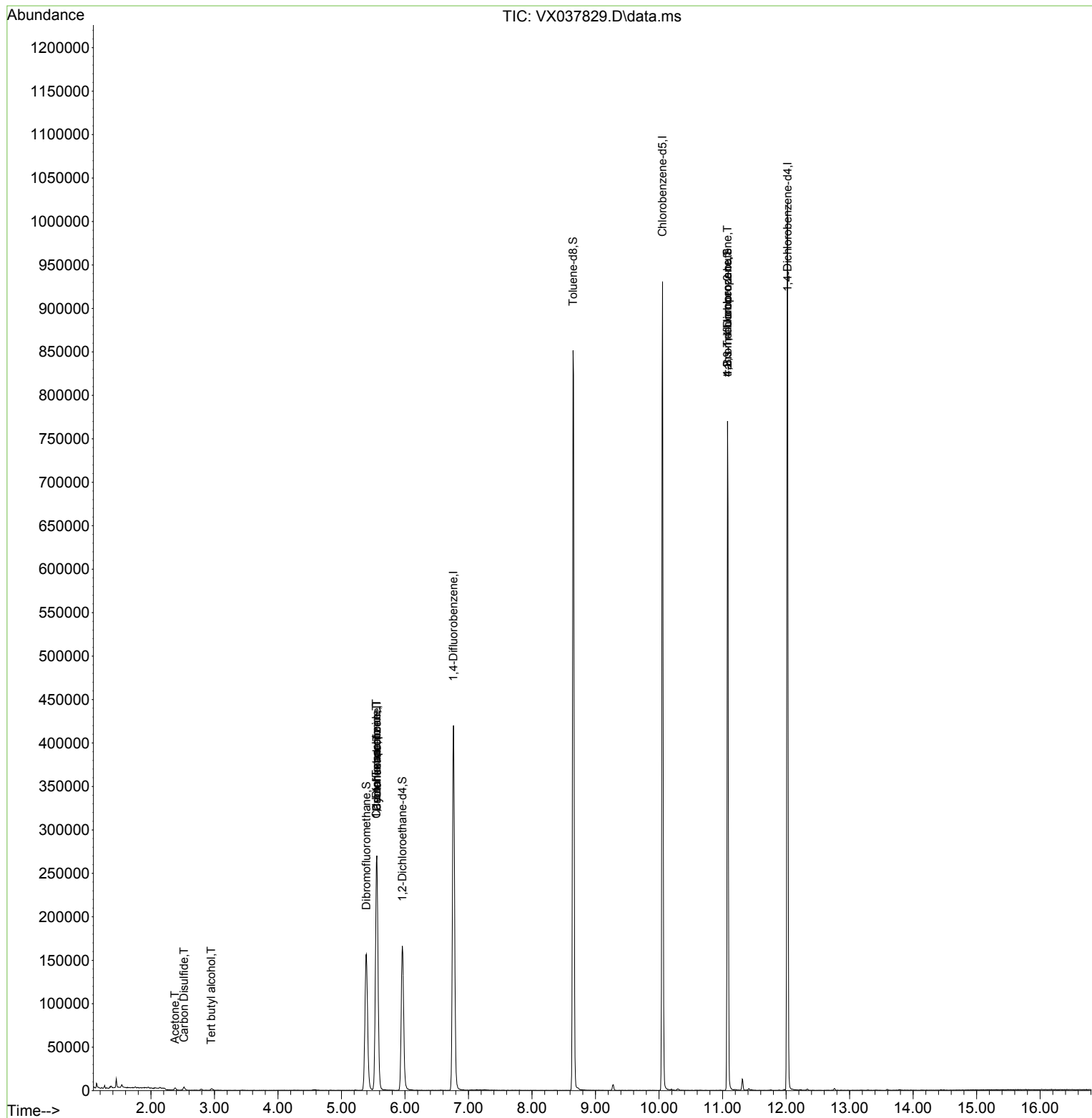
Internal Standards						
1) Pentafluorobenzene	5.556	168	259393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	439484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161122	47.277	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.560%	
35) Dibromofluoromethane	5.391	113	138495	47.097	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.200%	
50) Toluene-d8	8.647	98	526384	48.176	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.360%	
62) 4-Bromofluorobenzene	11.079	95	200979	50.620	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.240%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	2174	2.972	ug/l	98
16) Acetone	2.380	43	3148	1.920	ug/l	95
17) Carbon Disulfide	2.520	76	3112	0.490	ug/l #	95
31) Cyclohexane	5.556	56	5256	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20308	5.013	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25921	6.116	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	102087	20.003	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	102087	64.078	ug/l #	5

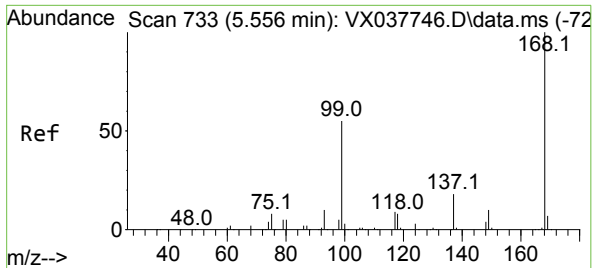
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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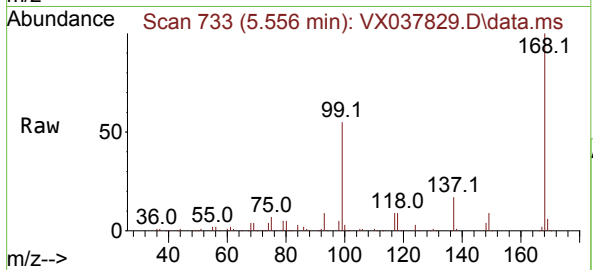
Quant Time: Sep 21 05:56:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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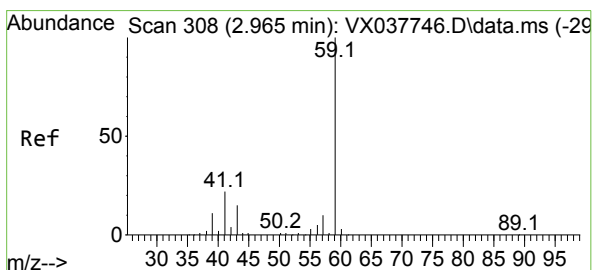
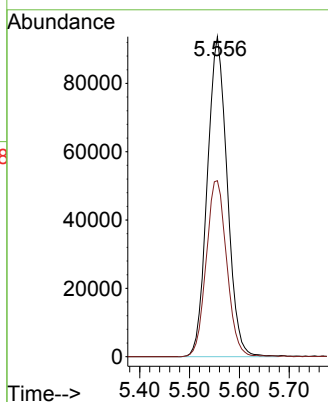
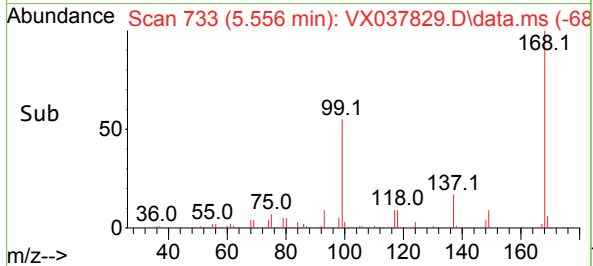


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

Instrument :
MSVOA_X
ClientSampleId :

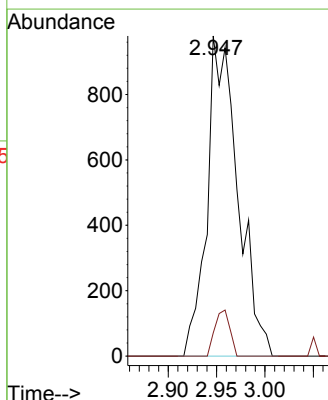
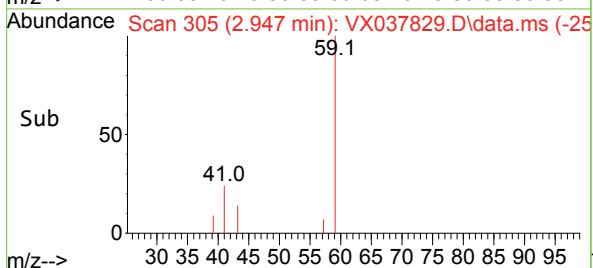
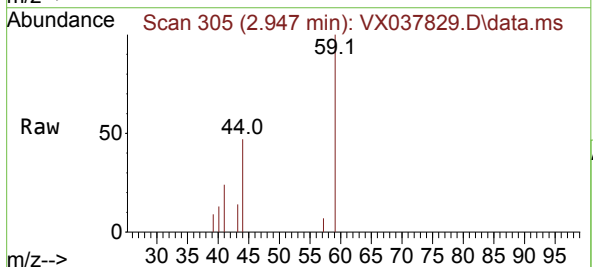


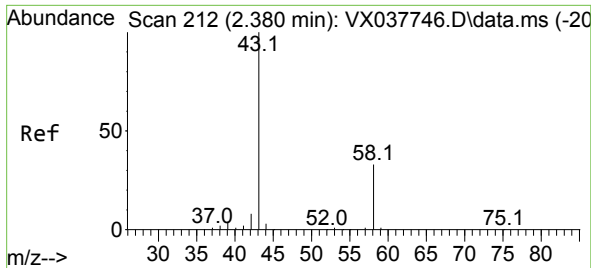
Tgt Ion:168 Resp: 259393
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#11
Tert butyl alcohol
Concen: 2.972 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

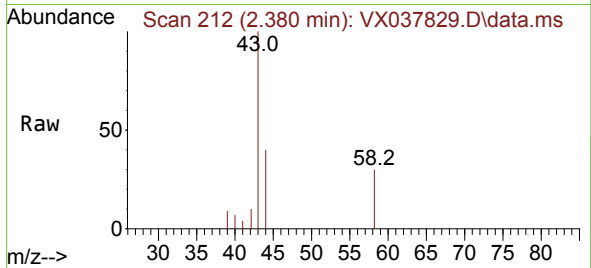
Tgt Ion: 59 Resp: 2174
Ion Ratio Lower Upper
59 100
57 6.9 6.0 9.0



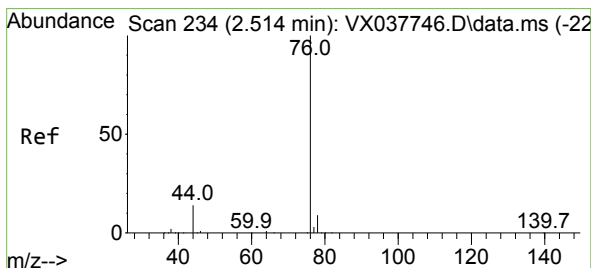
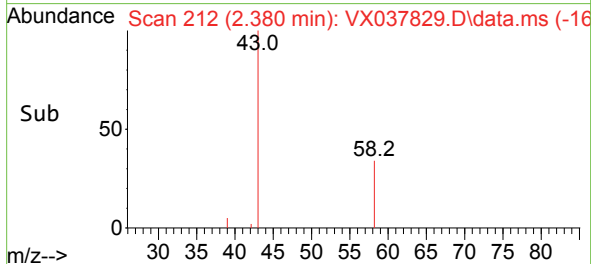
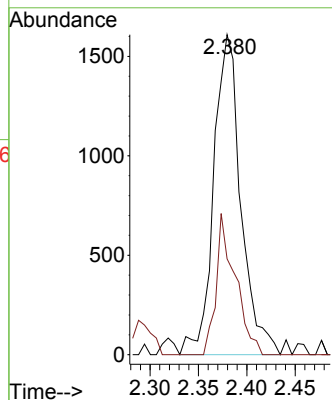


#16
Acetone
Concen: 1.920 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

Instrument :
MSVOA_X
ClientSampleId :

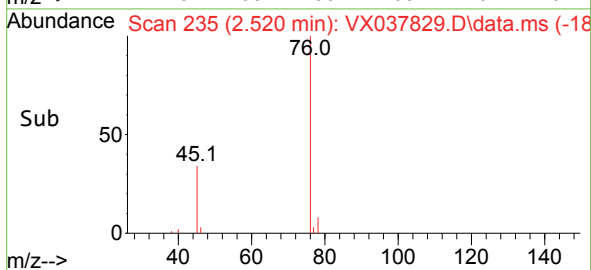
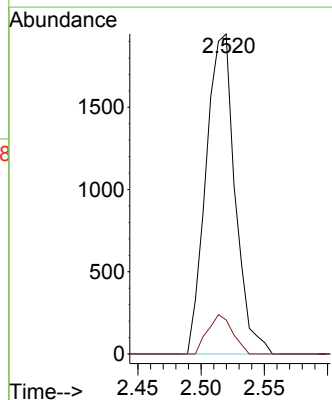
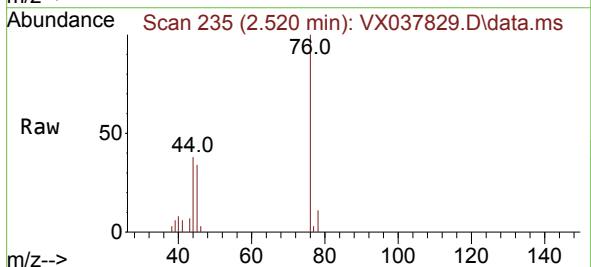


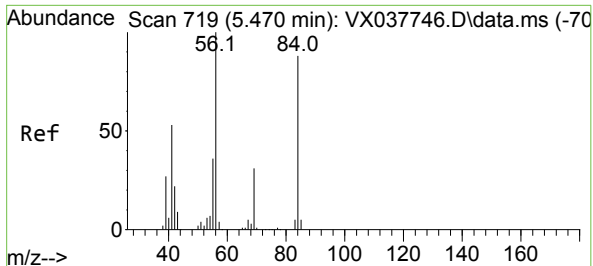
Tgt Ion: 43 Resp: 3148
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.490 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

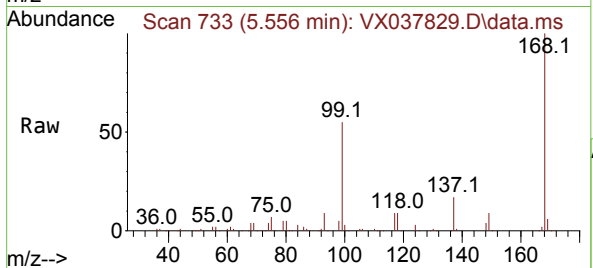
Tgt Ion: 76 Resp: 3112
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#



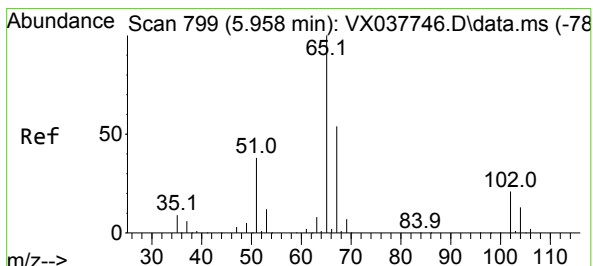
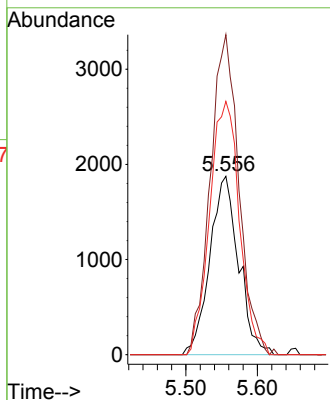
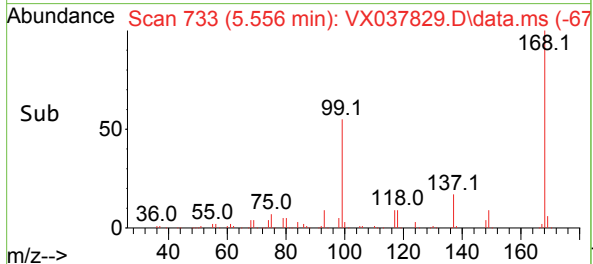


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

Instrument :
MSVOA_X
ClientSampleId :

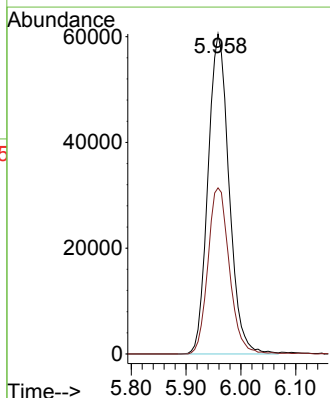
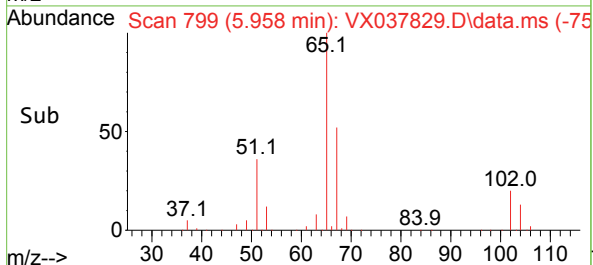
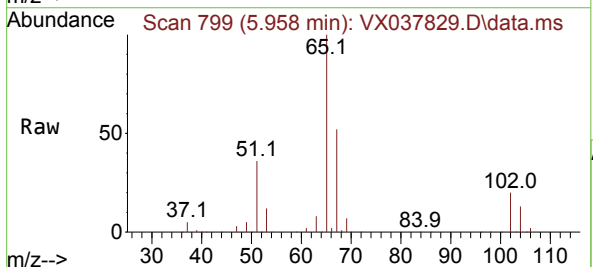


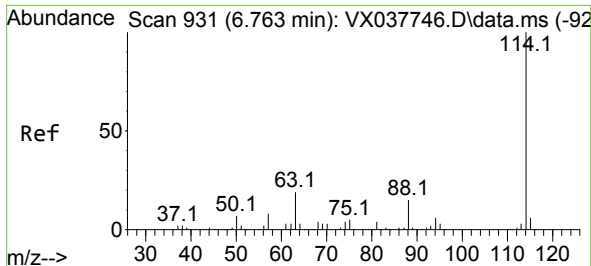
Tgt Ion: 56 Resp: 5256
Ion Ratio Lower Upper
56 100
69 179.4 23.4 35.2#
84 142.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.277 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

Tgt Ion: 65 Resp: 161122
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

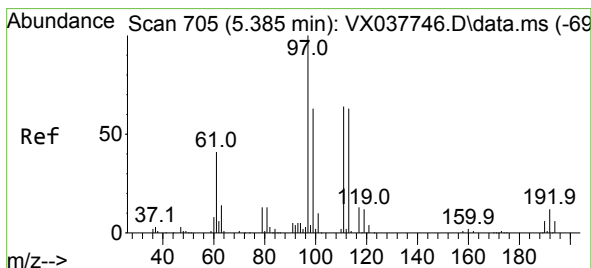
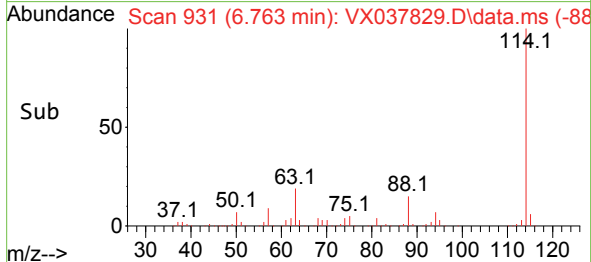
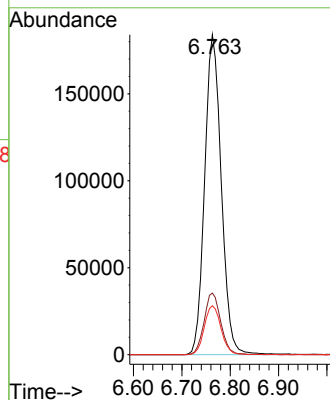
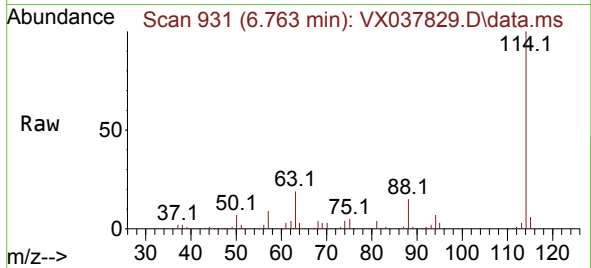




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

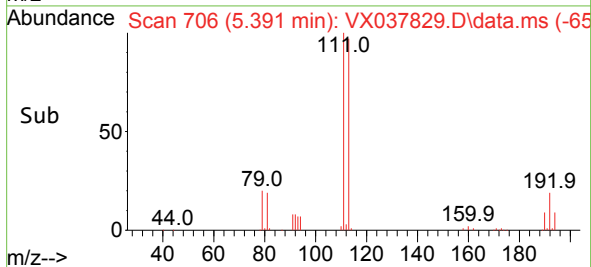
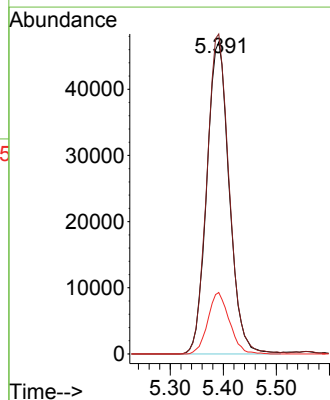
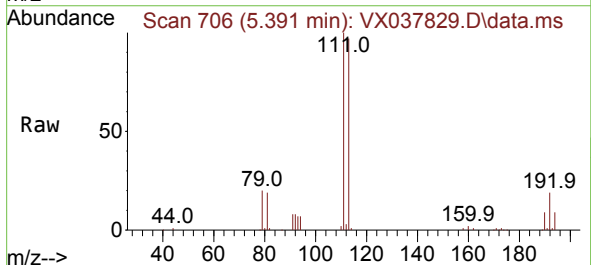
Instrument :
MSVOA_X
ClientSampleId :

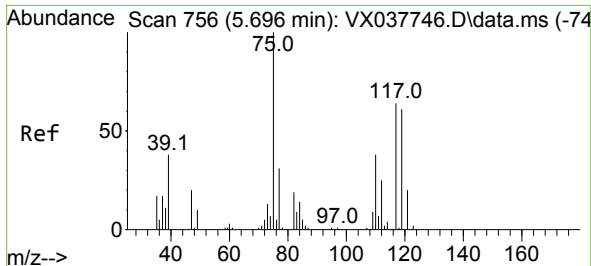
Tgt Ion:114 Resp: 439484
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.097 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

Tgt Ion:113 Resp: 138495
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.0 13.3 19.9

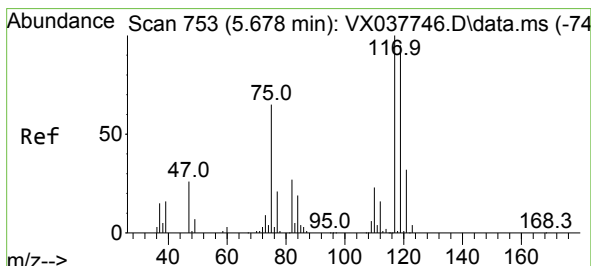
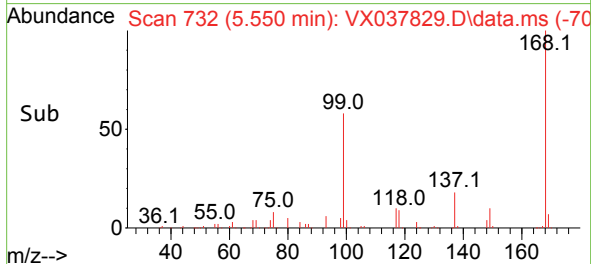
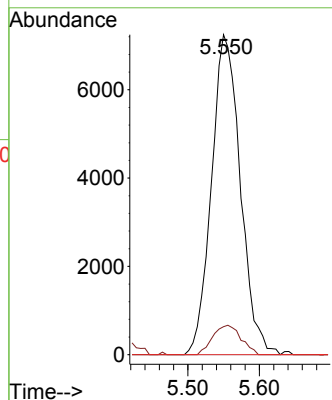
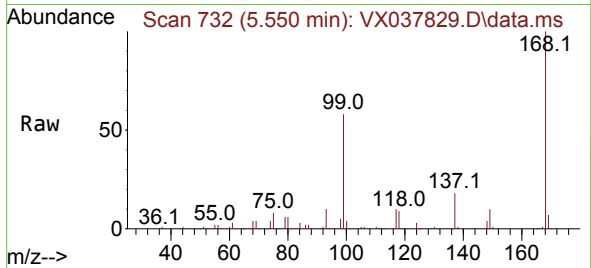




#36
1,1-Dichloropropene
Concen: 5.013 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

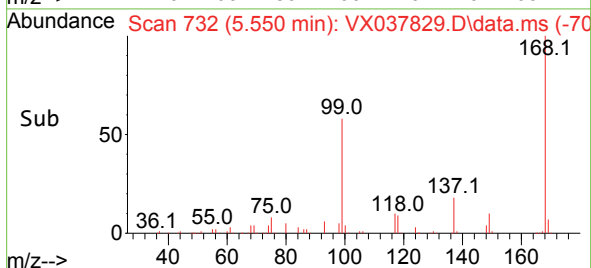
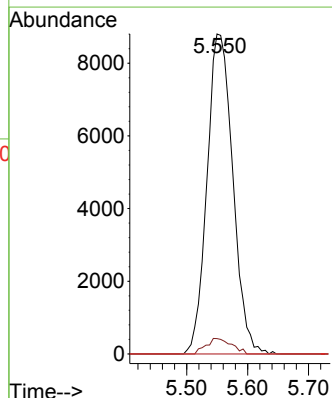
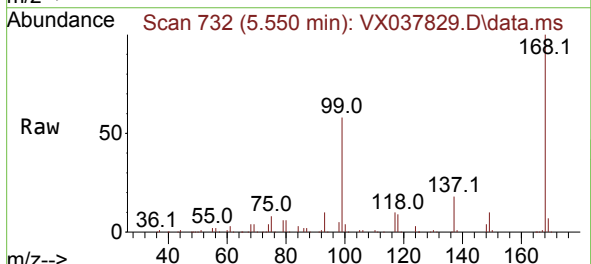
Instrument :
MSVOA_X
ClientSampleId :

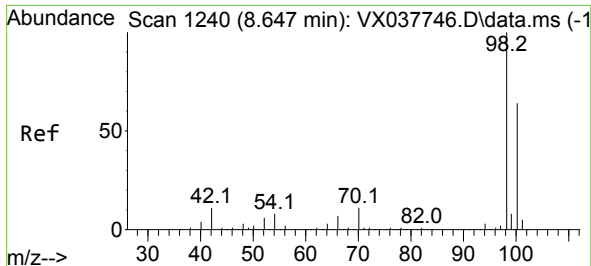
Tgt Ion: 75 Resp: 20308
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

Tgt Ion: 117 Resp: 25921
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

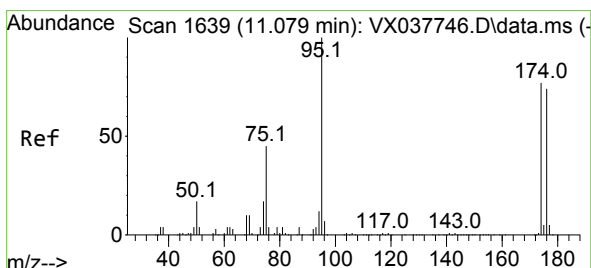
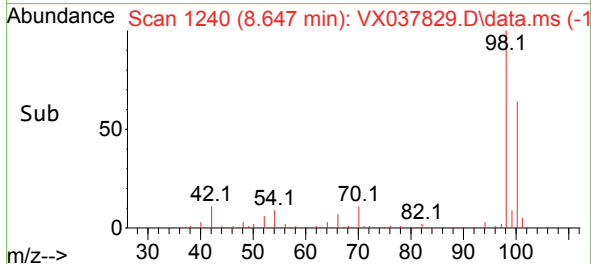
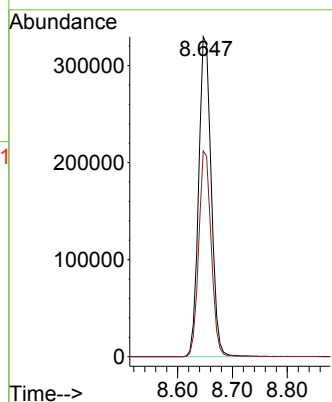
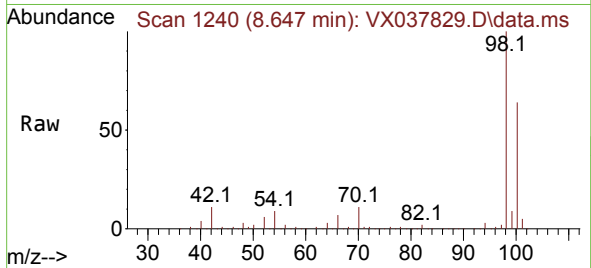




#50
Toluene-d8
Concen: 48.176 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

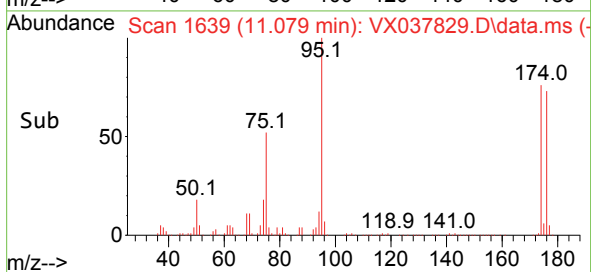
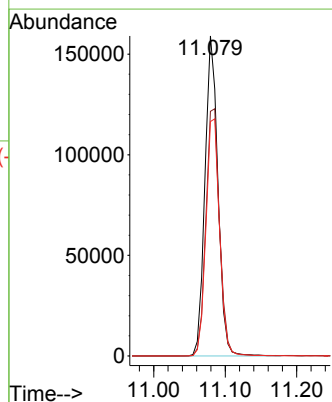
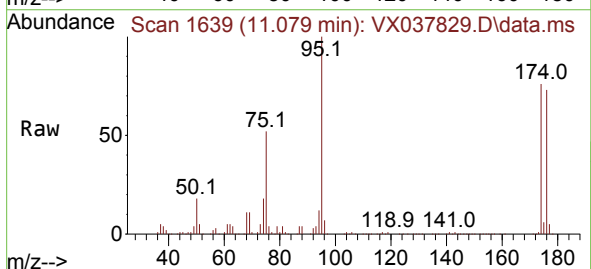
Instrument :
MSVOA_X
ClientSampleId :

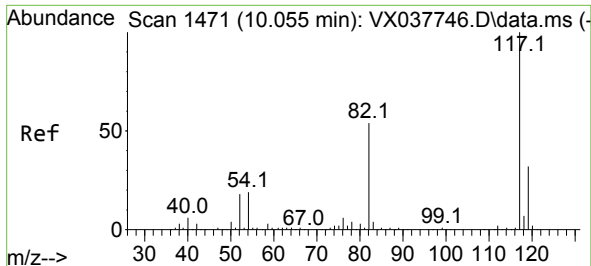
Tgt Ion: 98 Resp: 526384
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

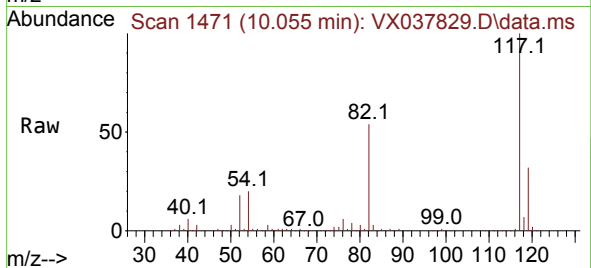
Tgt Ion: 95 Resp: 200979
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 77.9 0.0 131.0



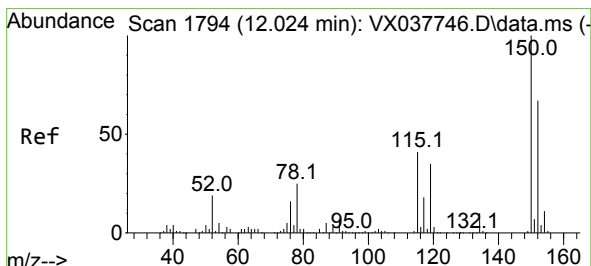
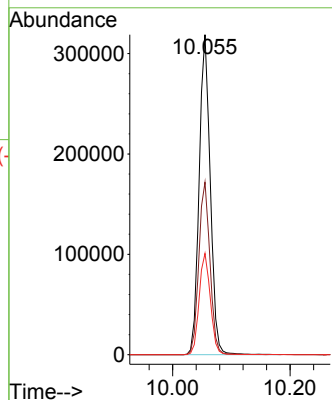
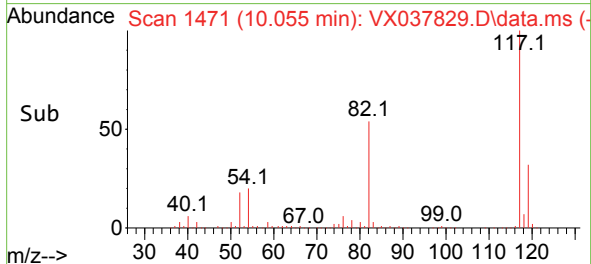


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33

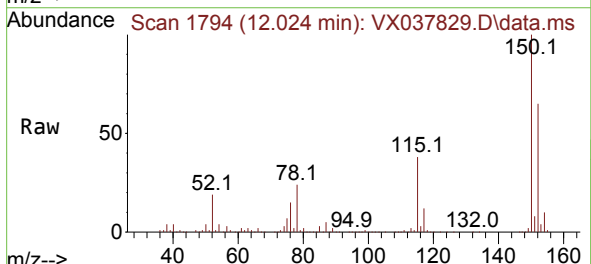
Instrument :
MSVOA_X
ClientSampleId :



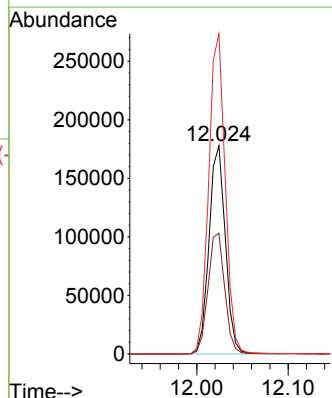
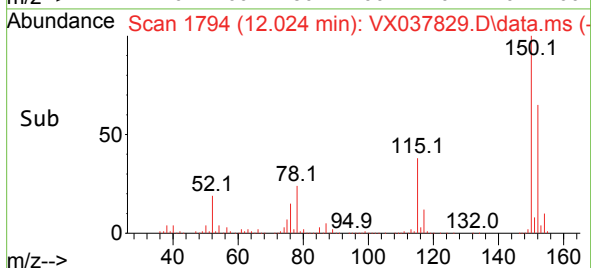
Tgt Ion:117 Resp: 418981
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.7 25.5 38.3

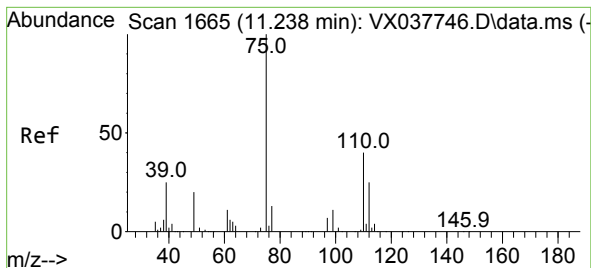


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037829.D
Acq: 20 Sep 2023 13:33



Tgt Ion:152 Resp: 220653
Ion Ratio Lower Upper
152 100
115 59.2 43.3 129.9
150 154.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.003 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037829.D

Acq: 20 Sep 2023 13:33

Instrument :

MSVOA_X

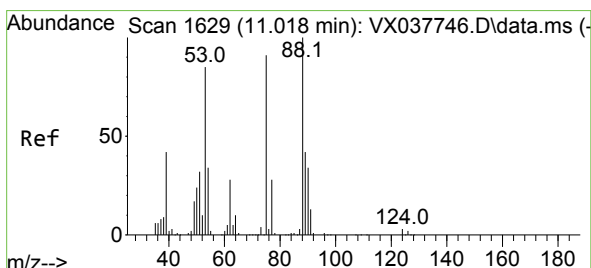
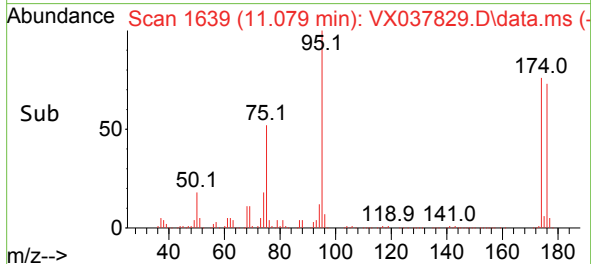
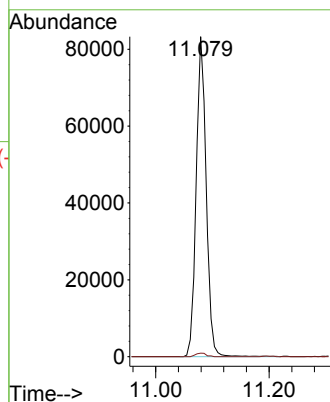
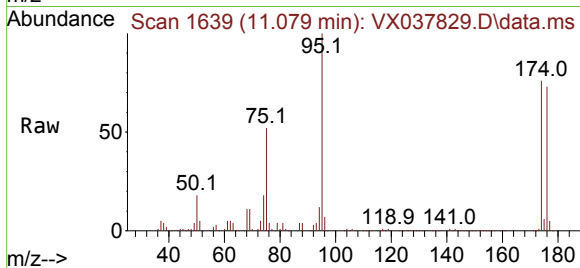
ClientSampleId :

Tgt Ion: 75 Resp: 102087

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.078 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037829.D

Acq: 20 Sep 2023 13:33

Tgt Ion: 75 Resp: 102087

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

