

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038983.D
 Acq On : 21 Nov 2023 14:41
 Operator : JC/MD
 Sample : 05431-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

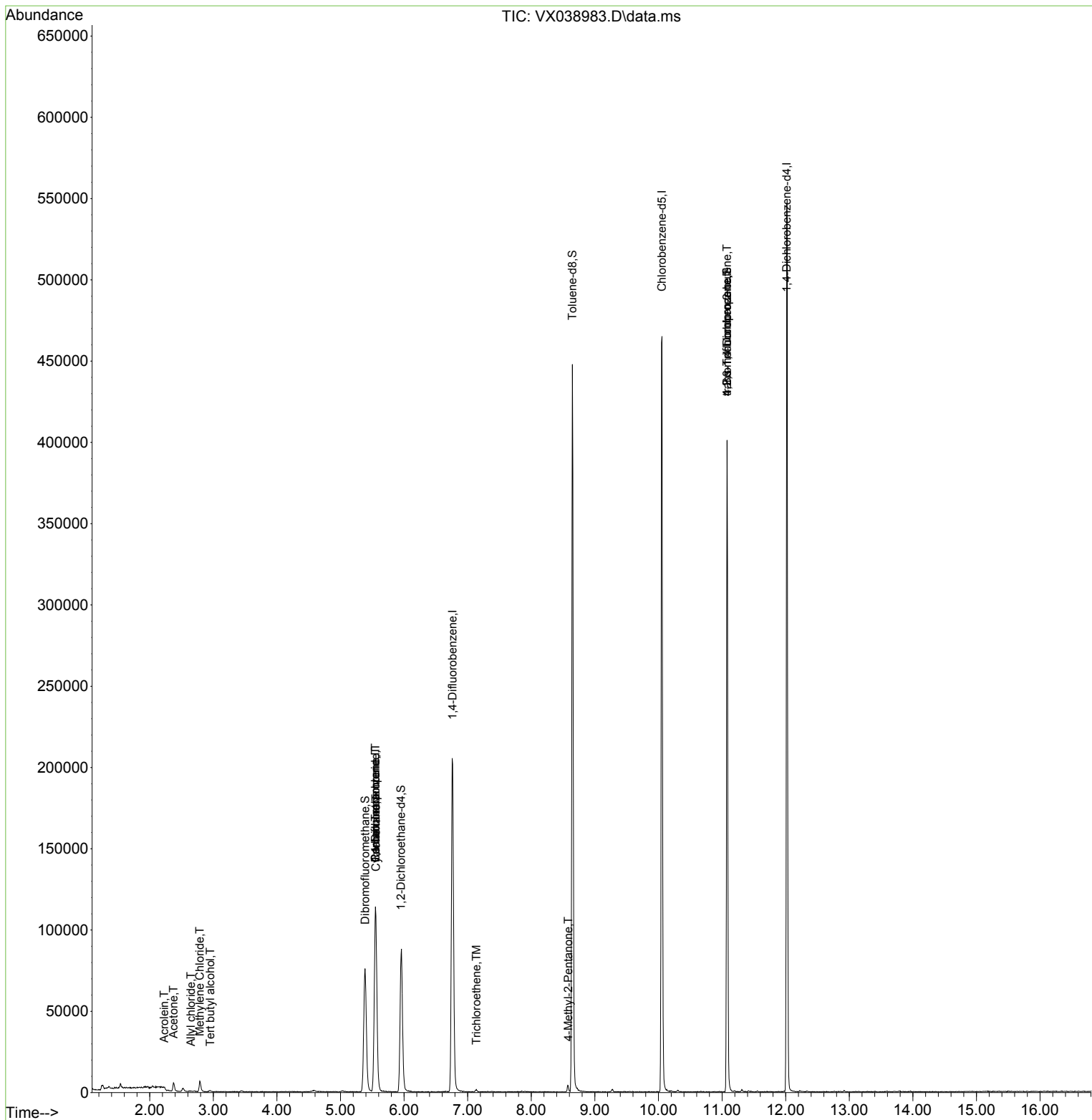
Quant Time: Nov 22 03:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82963	50.913	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.820%	
35) Dibromofluoromethane	5.385	113	66598	44.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.560%	
50) Toluene-d8	8.647	98	259087	45.028	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.060%#	
62) 4-Bromofluorobenzene	11.079	95	110876	48.137	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	714	1.575	ug/l #	78
13) Acrolein	2.227	56	96	0.400	ug/l #	1
14) Allyl chloride	2.648	41	669	0.265	ug/l #	38
16) Acetone	2.373	43	6104	7.037	ug/l	91
20) Methylene Chloride	2.788	84	2939	1.880	ug/l	89
31) Cyclohexane	5.556	56	2767	1.189	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	9643	4.474	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11336	5.690	ug/l #	15
44) Trichloroethene	7.135	130	571	0.368	ug/l	72
51) 4-Methyl-2-Pentanone	8.579	43	2842	0.991	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	59785	22.863	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59785	50.712	ug/l #	5

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

Quant Time: Nov 22 03:20:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



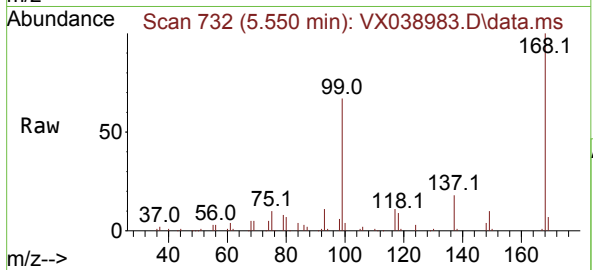


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

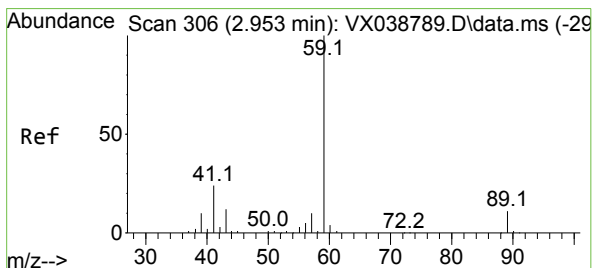
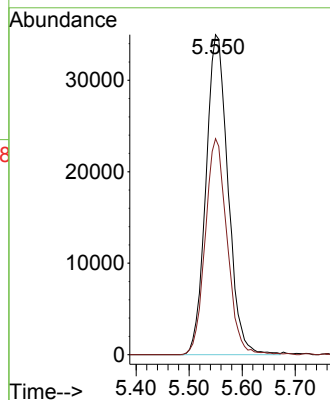
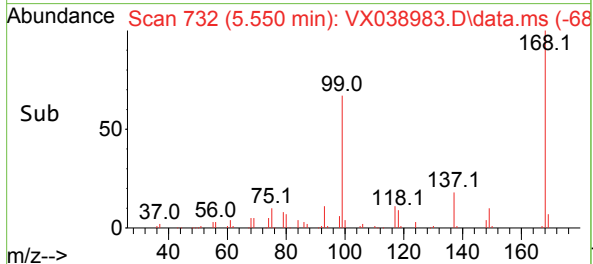
Instrument :

MSVOA_X

ClientSampleId :

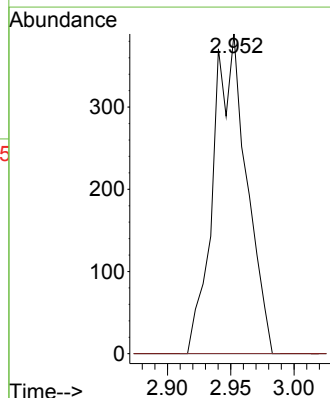
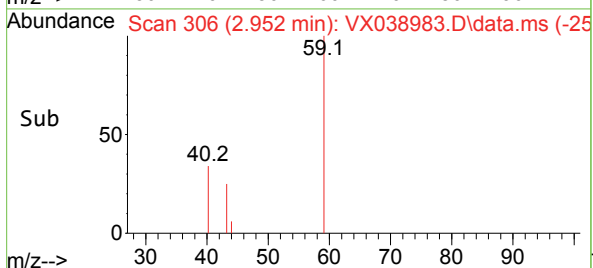
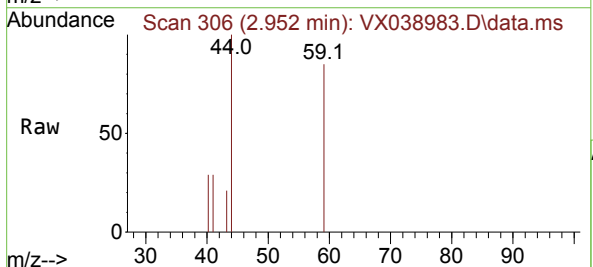


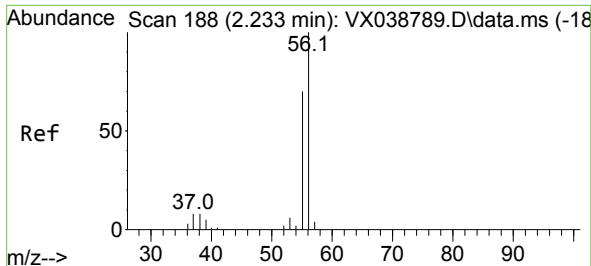
Tgt Ion:168 Resp: 101126
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.575 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

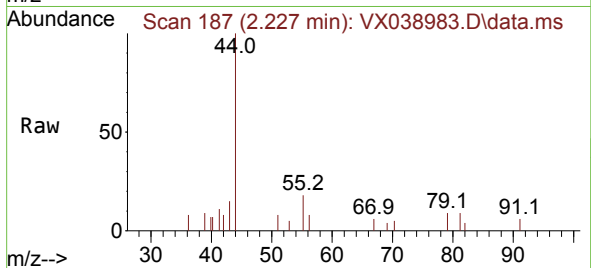
Tgt Ion: 59 Resp: 714
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



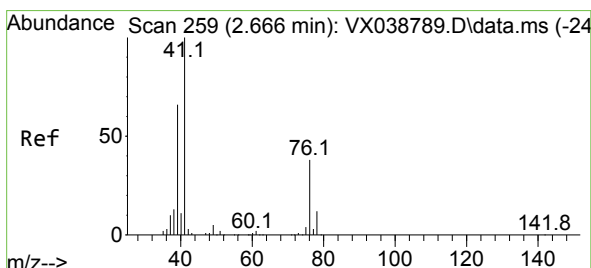
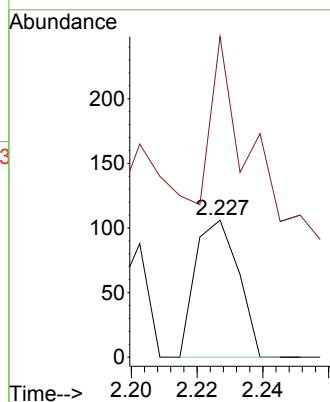
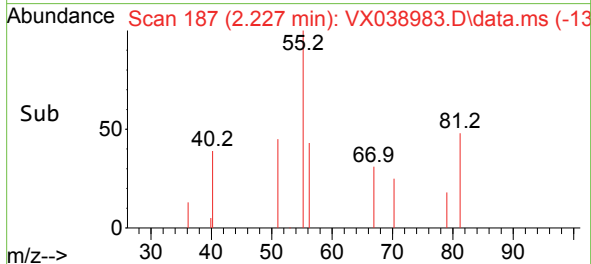


#13
Acrolein
Concen: 0.400 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

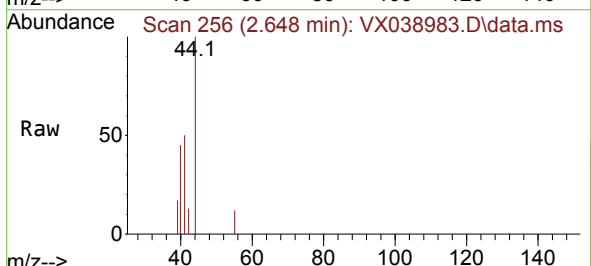
Instrument :
MSVOA_X
ClientSampleId :



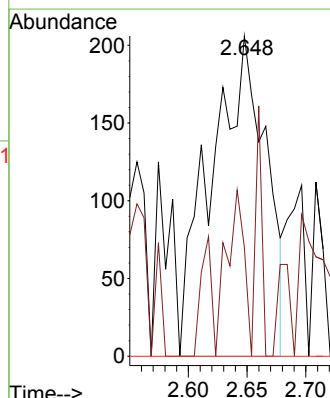
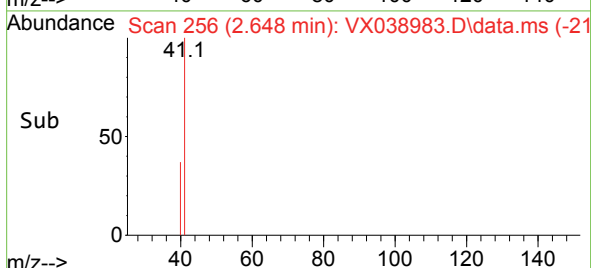
Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 331.3 57.1 85.7#

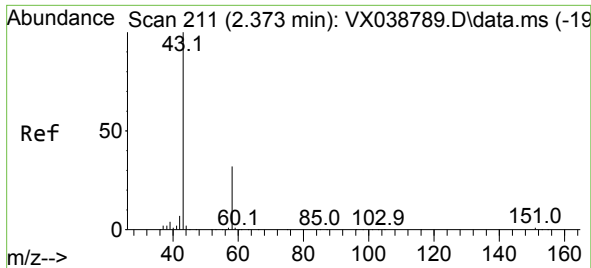


#14
Allyl chloride
Concen: 0.265 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41



Tgt Ion: 41 Resp: 669
Ion Ratio Lower Upper
41 100
39 16.9 55.8 83.6#
76 0.0 24.3 36.5#

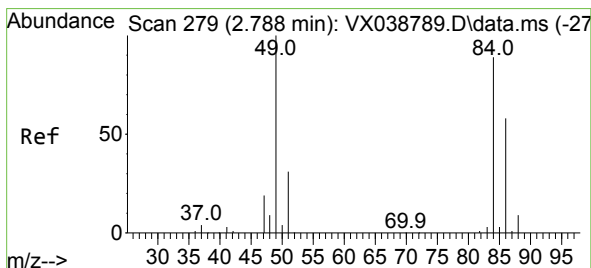
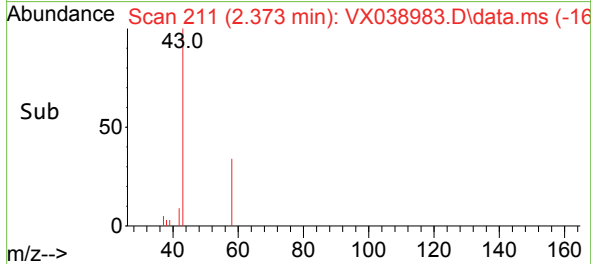
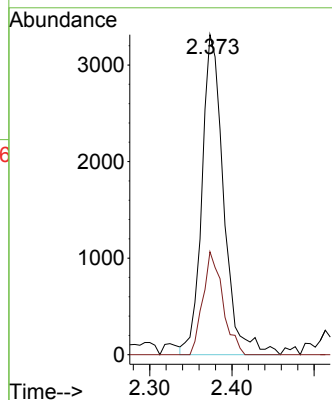
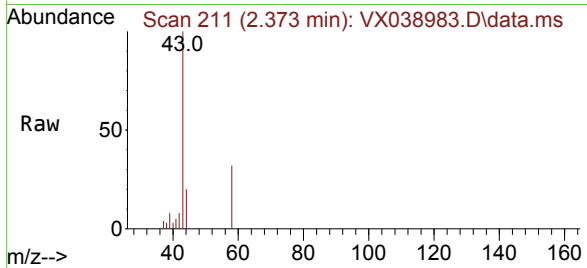




#16
Acetone
Concen: 7.037 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

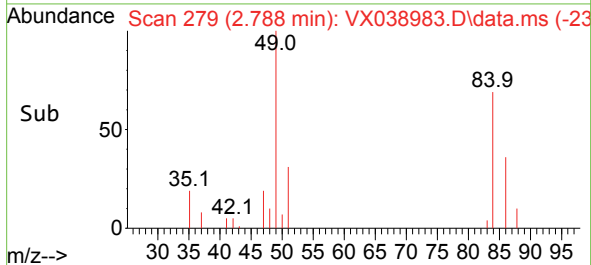
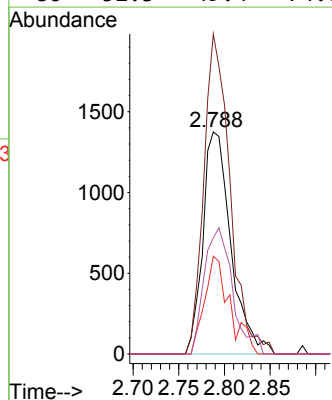
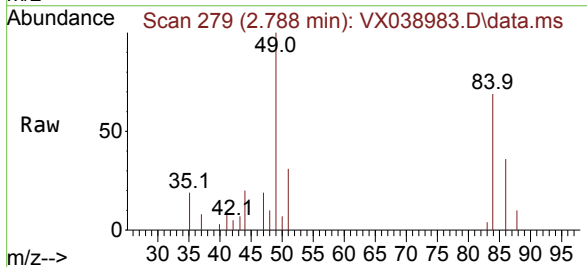
Instrument :
MSVOA_X
ClientSampleId :

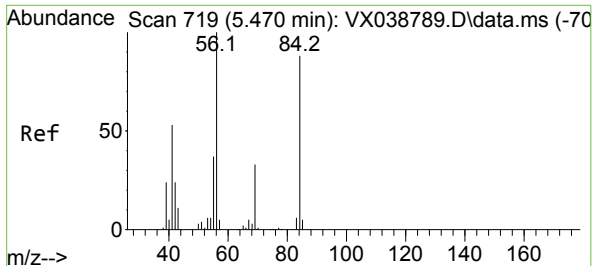
Tgt Ion: 43 Resp: 6104
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#20
Methylene Chloride
Concen: 1.880 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

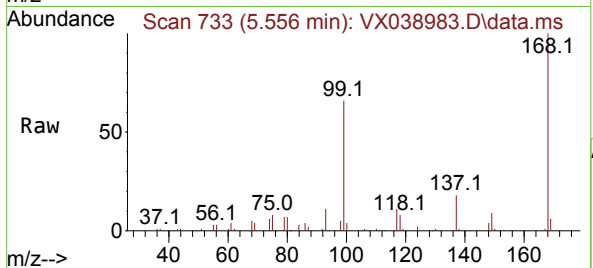
Tgt Ion: 84 Resp: 2939
Ion Ratio Lower Upper
84 100
49 144.1 103.6 155.4
51 44.1 33.8 50.6
86 52.3 49.4 74.0



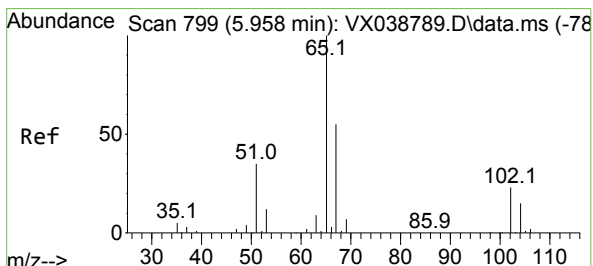
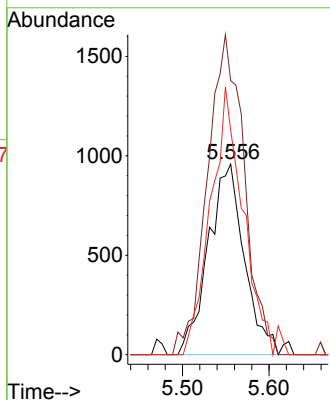
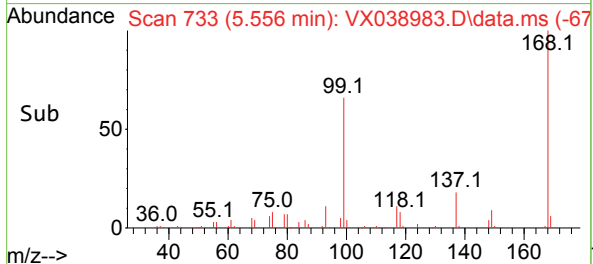


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

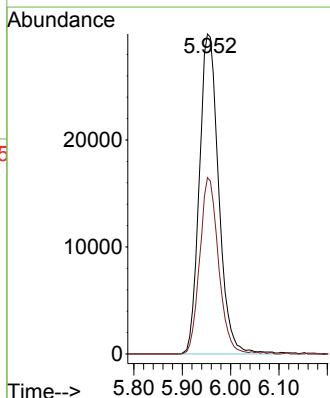
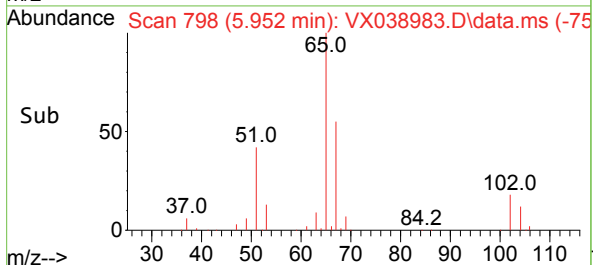
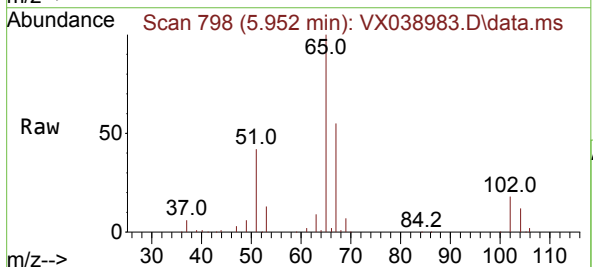


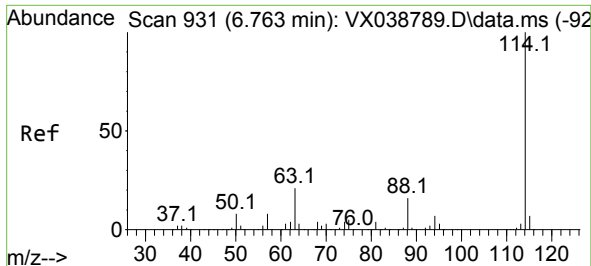
Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
69 143.8 23.4 35.2#
84 117.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.913 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

Tgt Ion: 65 Resp: 82963
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

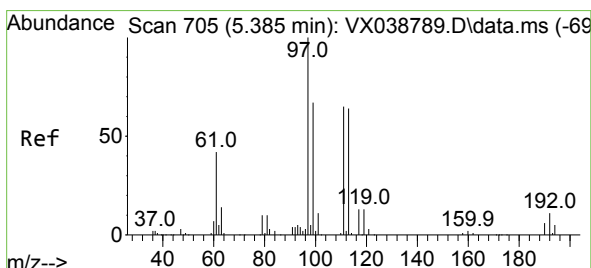
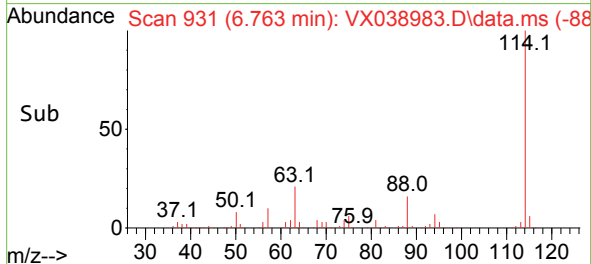
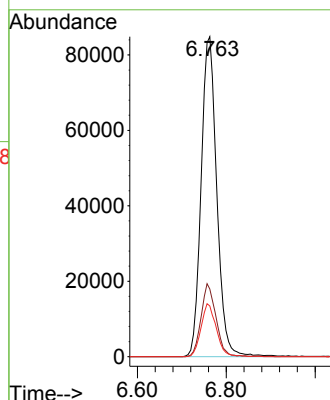
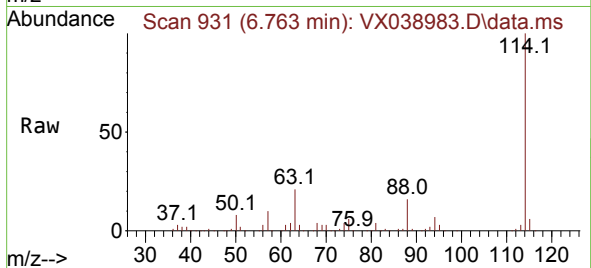




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

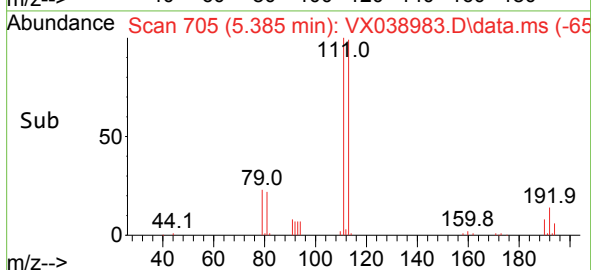
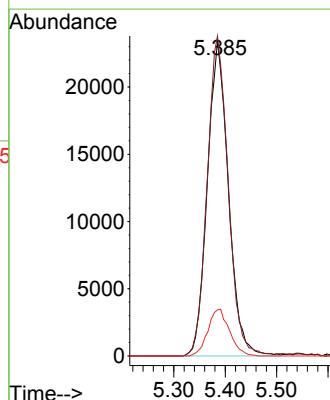
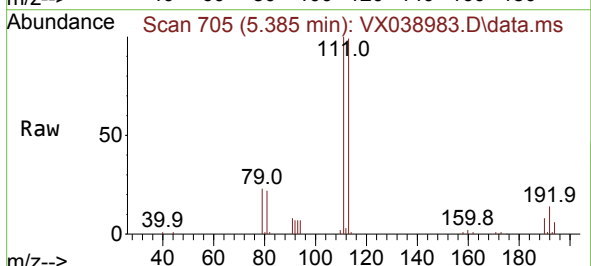
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MSVOA_X
ClientSampleId :

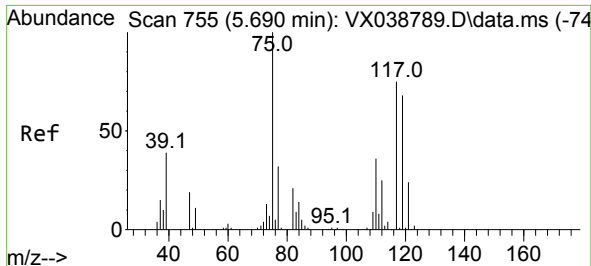
Tgt Ion:114 Resp: 208230
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.284 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

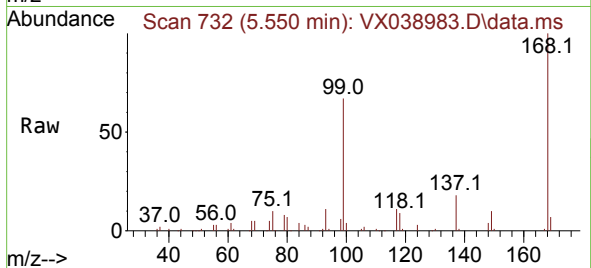
Tgt Ion:113 Resp: 66598
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 15.2 13.3 19.9



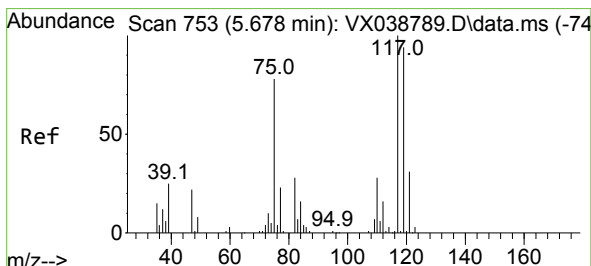
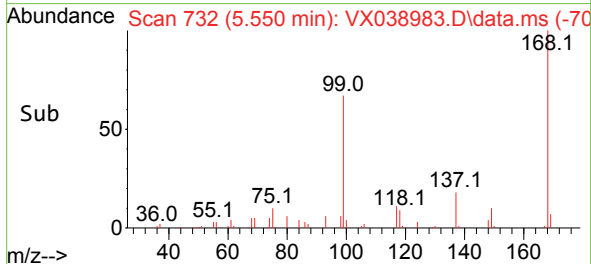
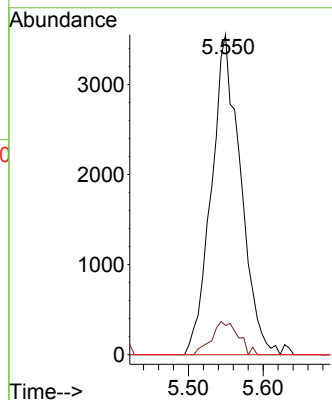


#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

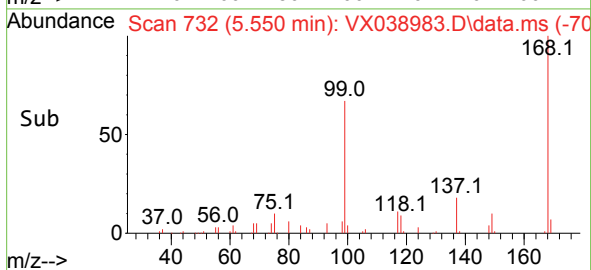
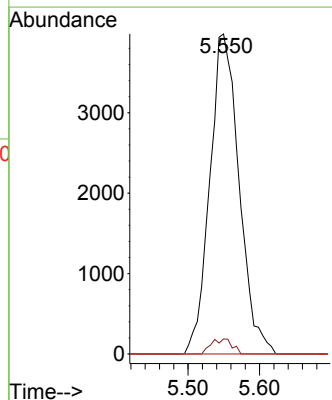
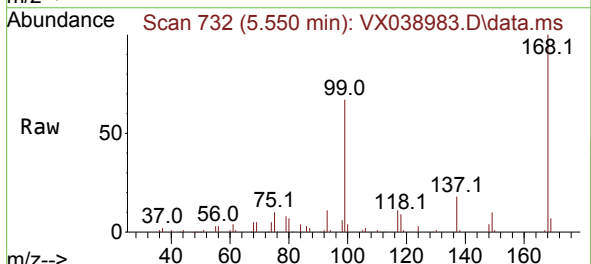


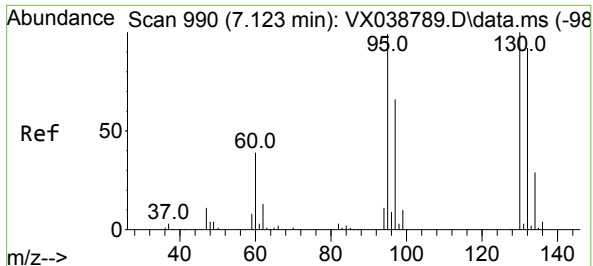
Tgt Ion: 75 Resp: 9643
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.690 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

Tgt Ion: 117 Resp: 11336
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

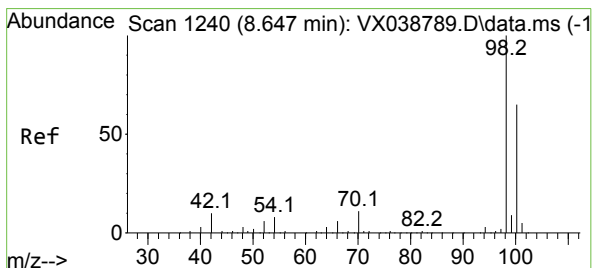
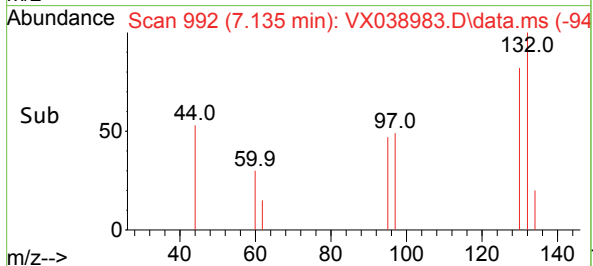
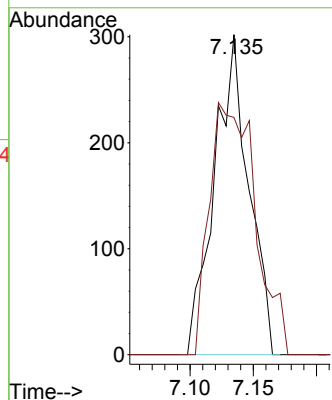
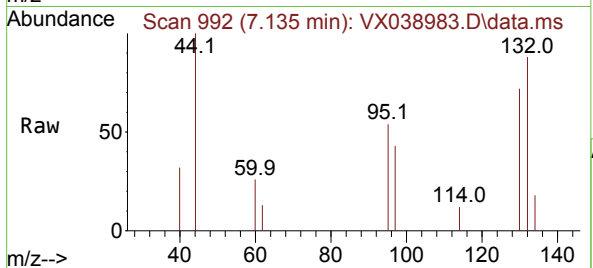




#44
Trichloroethene
Concen: 0.368 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

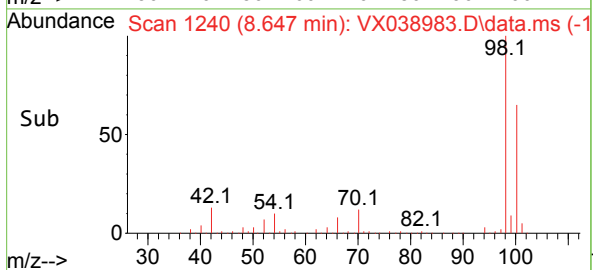
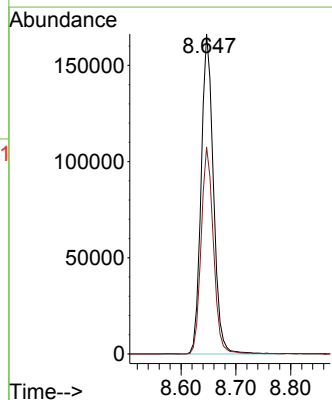
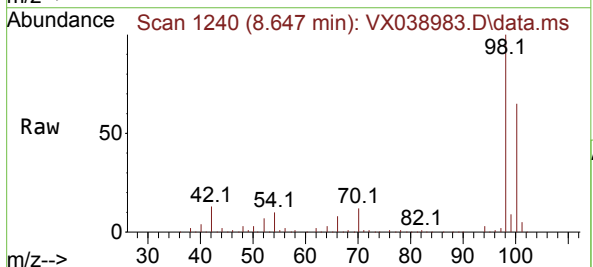
Instrument :
MSVOA_X
ClientSampleId :

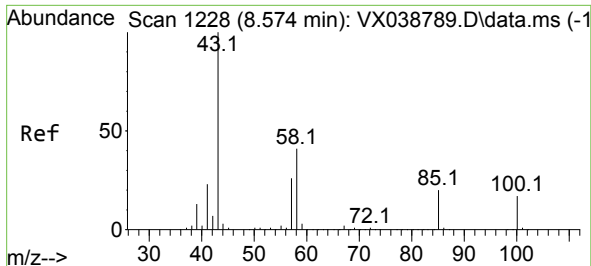
Tgt Ion:130 Resp: 571
Ion Ratio Lower Upper
130 100
95 74.2 0.0 204.4



#50
Toluene-d8
Concen: 45.028 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

Tgt Ion: 98 Resp: 259087
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

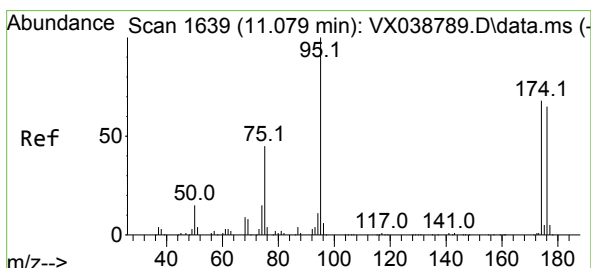
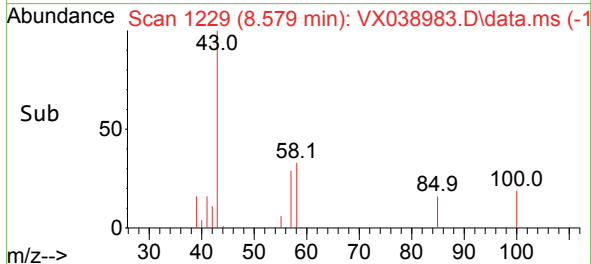
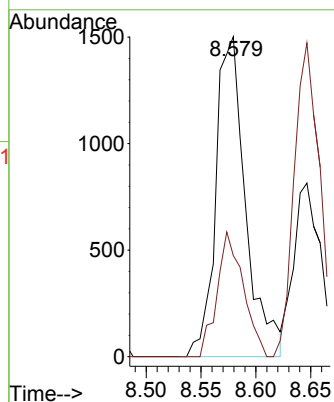
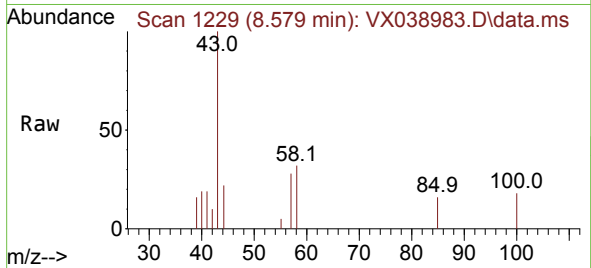




#51
4-Methyl-2-Pentanone
Concen: 0.991 ug/l
RT: 8.579 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

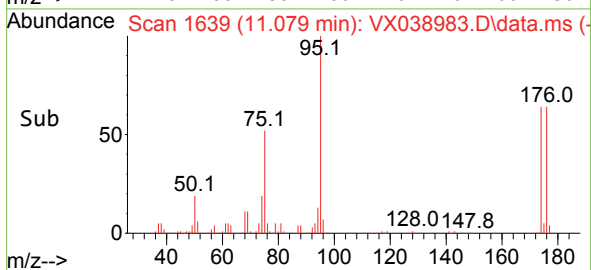
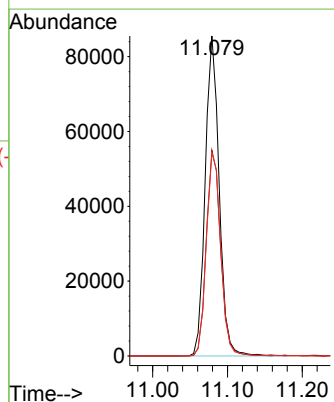
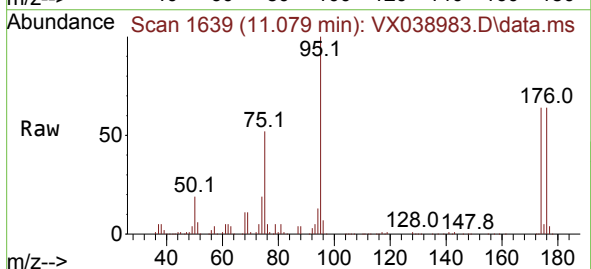
Instrument :
MSVOA_X
ClientSampleId :

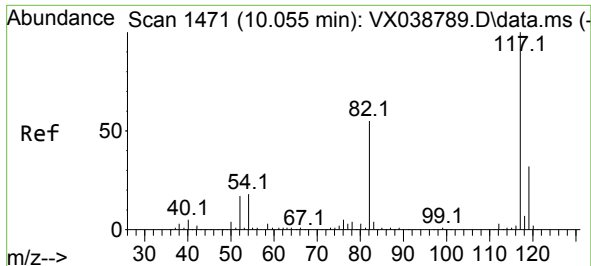
Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 34.3 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 48.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

Tgt Ion: 95 Resp: 110876
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 65.1 0.0 131.0

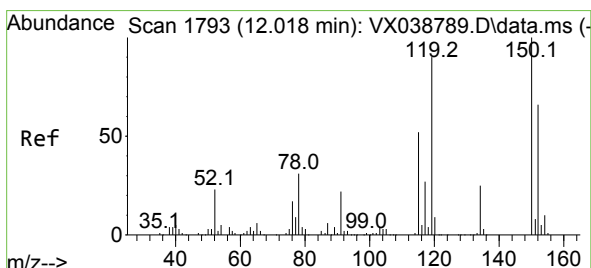
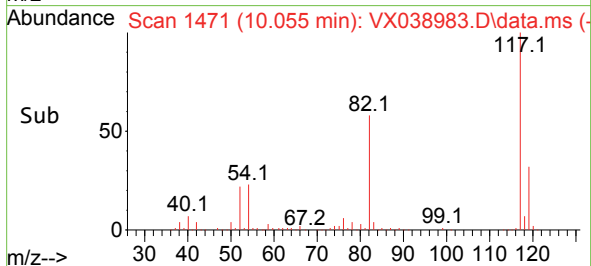
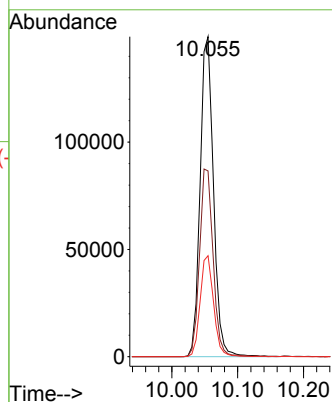
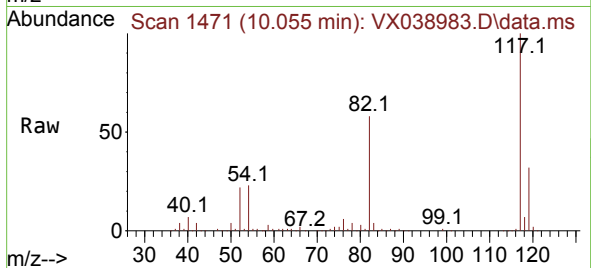




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

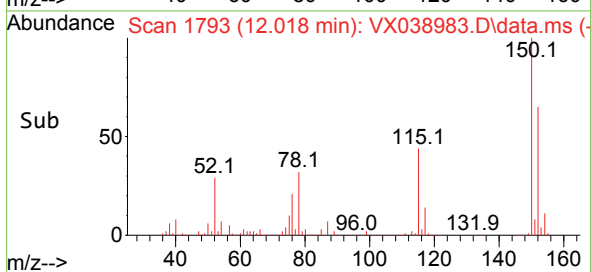
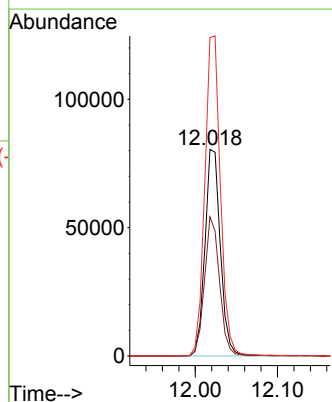
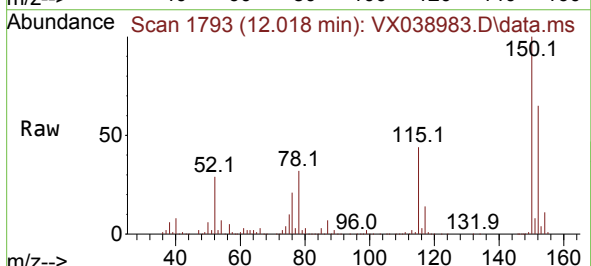
Instrument :
MSVOA_X
ClientSampleId :

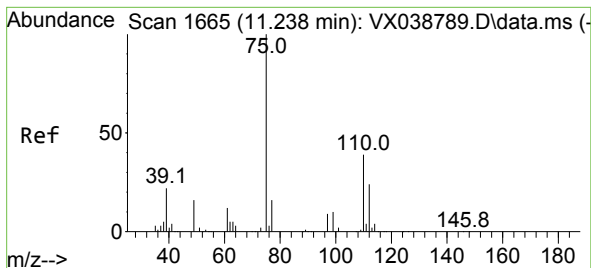
Tgt Ion:117 Resp: 210568
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX038983.D
Acq: 21 Nov 2023 14:41

Tgt Ion:152 Resp: 104809
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.863 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX038983.D

Acq: 21 Nov 2023 14:41

Instrument :

MSVOA_X

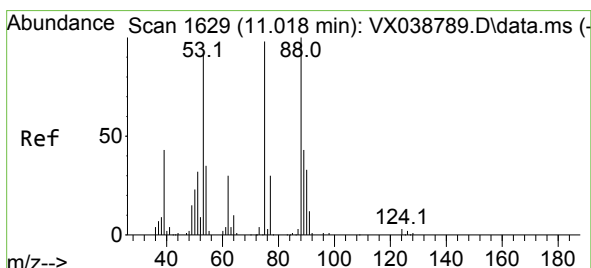
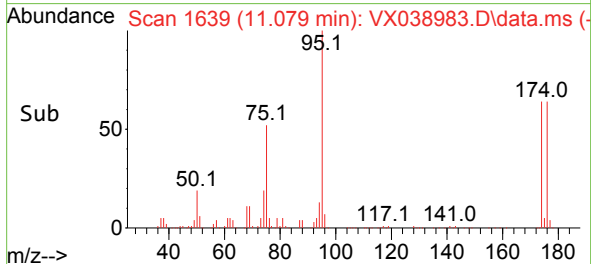
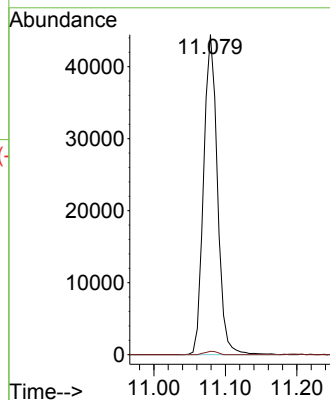
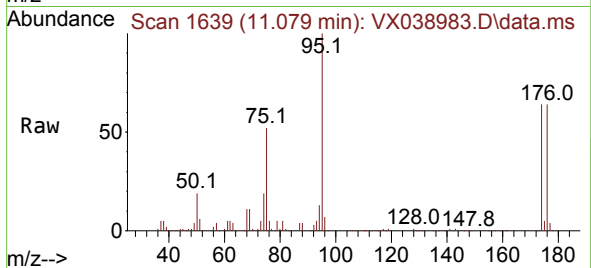
ClientSampleId :

Tgt Ion: 75 Resp: 59785

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.712 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038983.D

Acq: 21 Nov 2023 14:41

Tgt Ion: 75 Resp: 59785

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

