

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038680.D
 Acq On : 09 Nov 2023 15:05
 Operator : JC/MD
 Sample : 05312-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 03:40:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

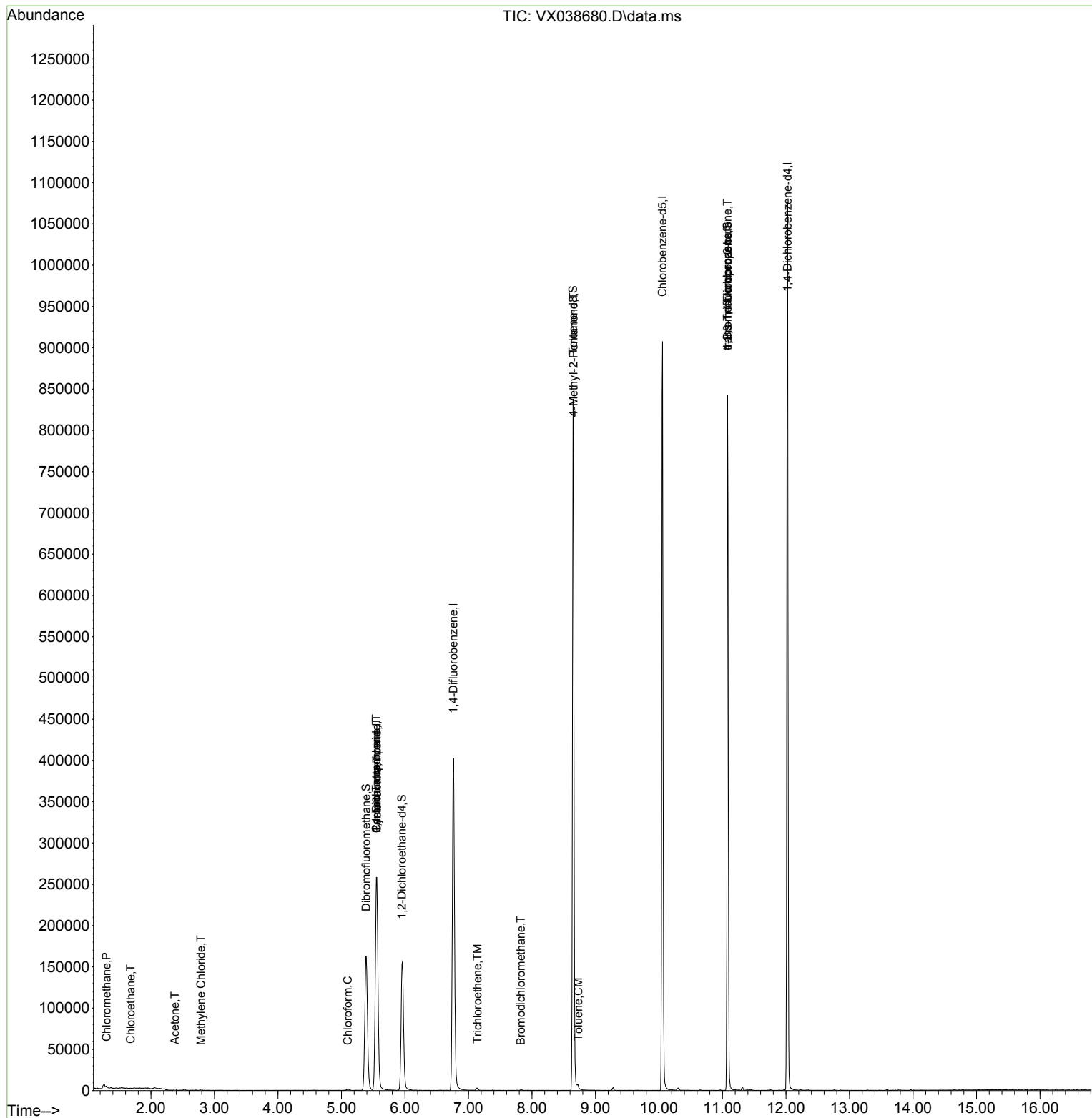
Internal Standards						
1) Pentafluorobenzene	5.556	168	272371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	446908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	452967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159322	46.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.385	113	145177	45.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.200%		
50) Toluene-d8	8.647	98	524452	45.533	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.060%#		
62) 4-Bromofluorobenzene	11.079	95	219697	49.197	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.400%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	1324	0.542	ug/l	93
6) Chloroethane	1.679	64	385	0.234	ug/l #	43
16) Acetone	2.380	43	1637	1.146	ug/l #	73
20) Methylene Chloride	2.788	84	733	0.255	ug/l #	64
30) Chloroform	5.099	83	2164	0.406	ug/l	93
31) Cyclohexane	5.556	56	4627	1.233	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17672	4.420	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25555	5.717	ug/l #	16
44) Trichloroethene	7.141	130	1314	0.367	ug/l	76
47) Bromodichloromethane	7.824	83	907	0.207	ug/l #	93
51) 4-Methyl-2-Pentanone	8.653	43	1827	0.447	ug/l #	1
52) Toluene	8.726	92	1627	0.216	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	107392	21.353	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	107392	64.784	ug/l #	5

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

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QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.000 min

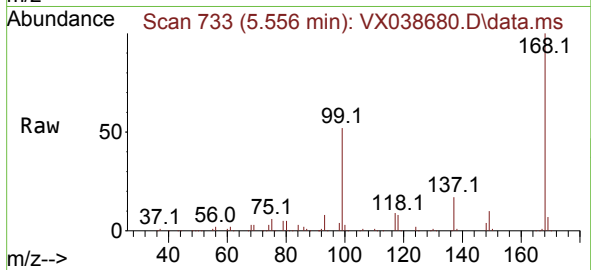
Lab File: VX038680.D

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Instrument :

MSVOA_X

ClientSampleId :

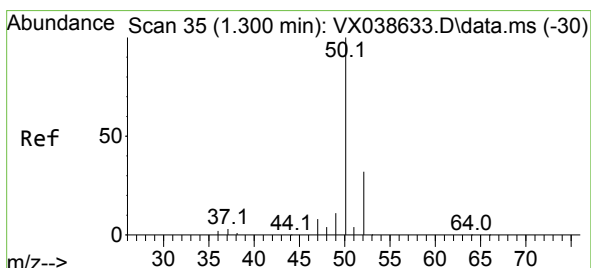
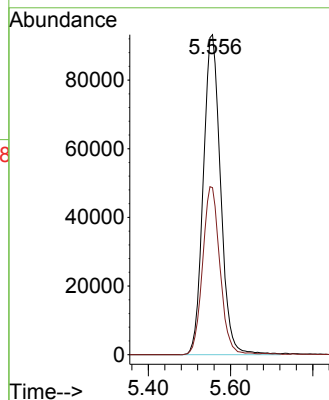
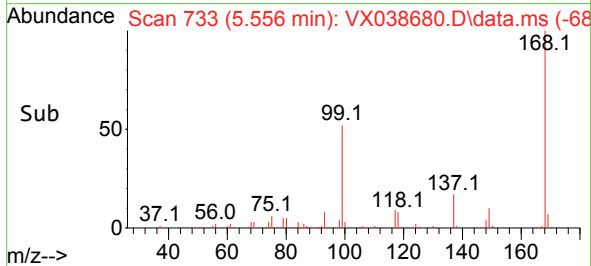


Tgt Ion:168 Resp: 272371

Ion Ratio Lower Upper

168 100

99 52.2 56.6 85.0#



#3

Chloromethane

Concen: 0.542 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.001 min

Lab File: VX038680.D

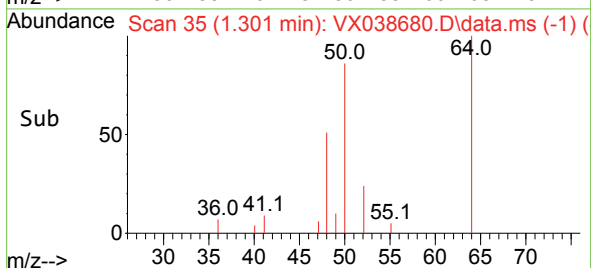
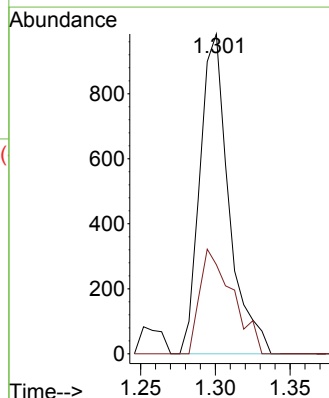
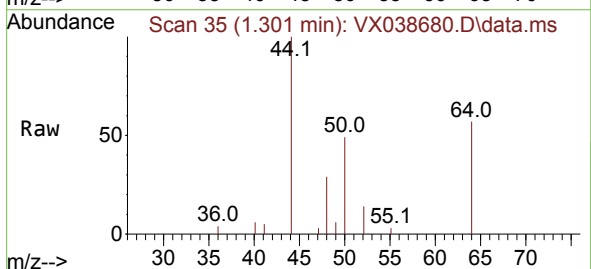
Acq: 09 Nov 2023 15:05

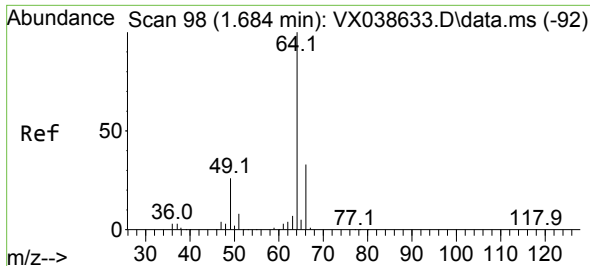
Tgt Ion: 50 Resp: 1324

Ion Ratio Lower Upper

50 100

52 27.8 25.5 38.3

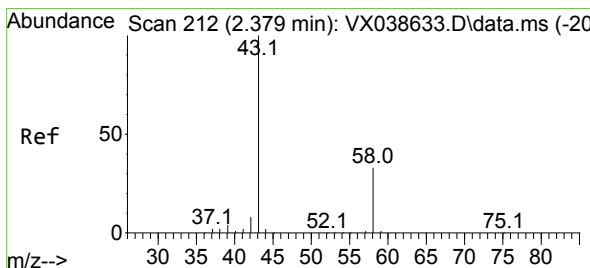
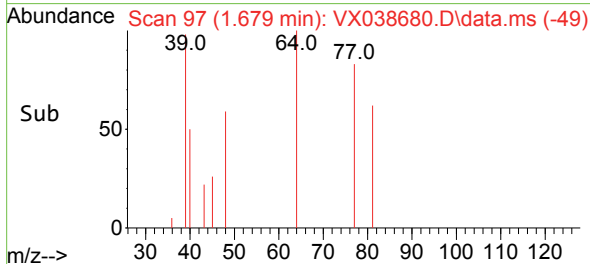
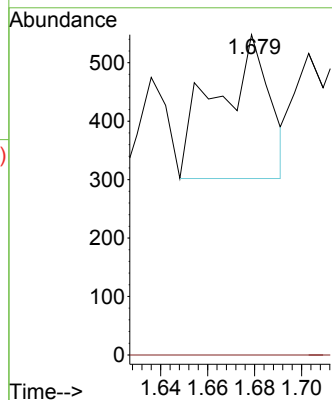
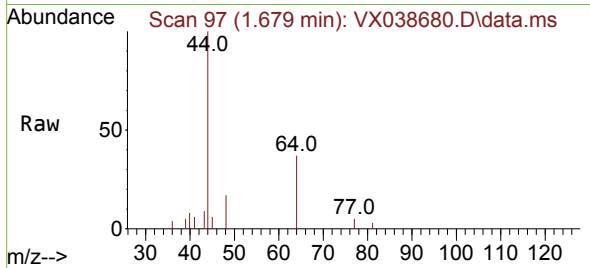




#6
Chloroethane
Concen: 0.234 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

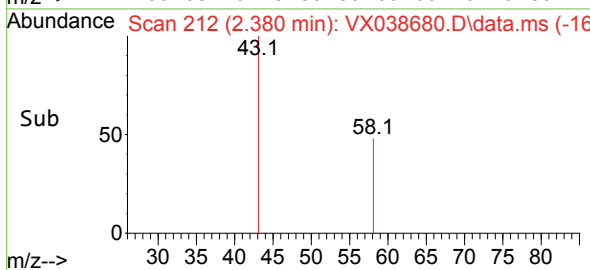
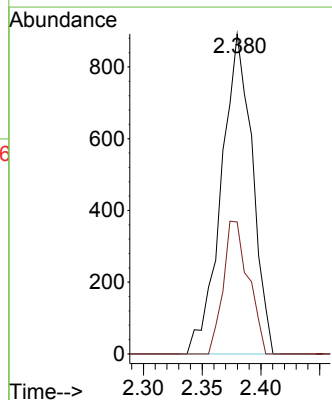
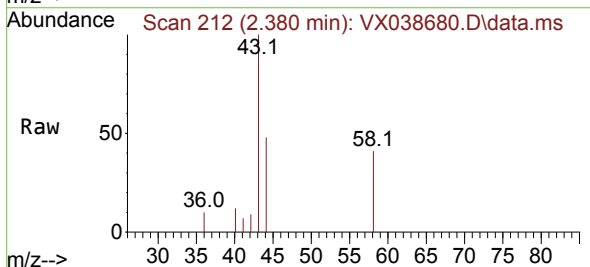
Instrument :
MSVOA_X
ClientSampleId :

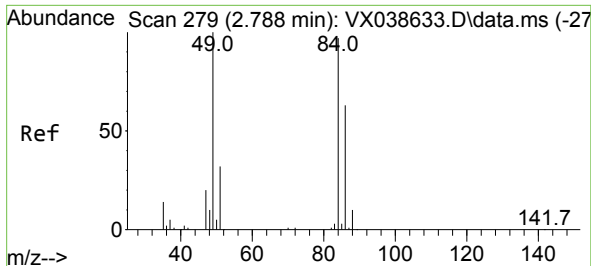
Tgt Ion: 64 Resp: 385
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.146 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

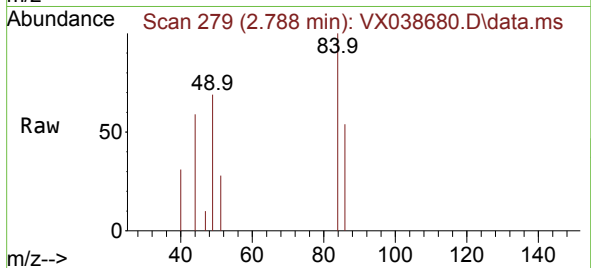
Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
58 41.3 21.9 32.9#



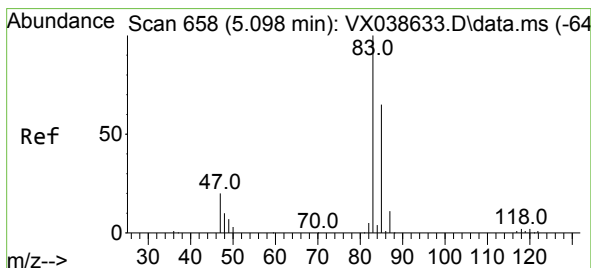
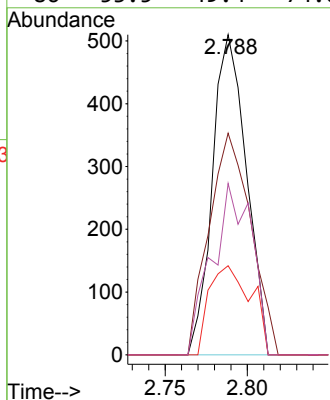
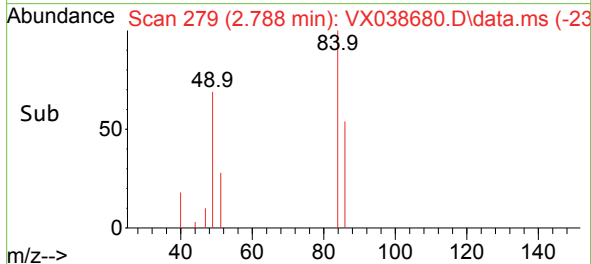


#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :

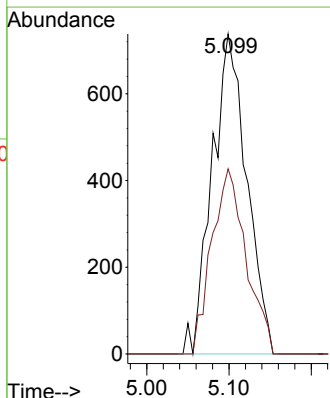
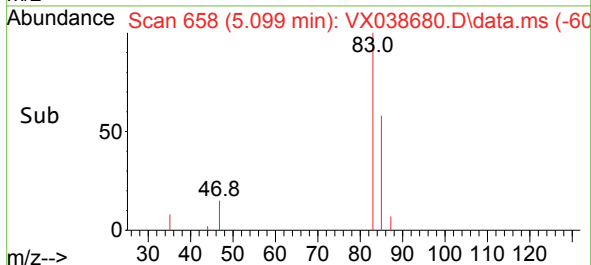
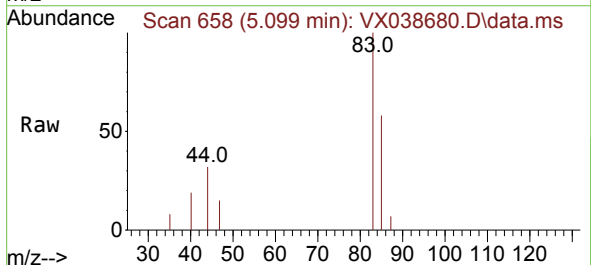


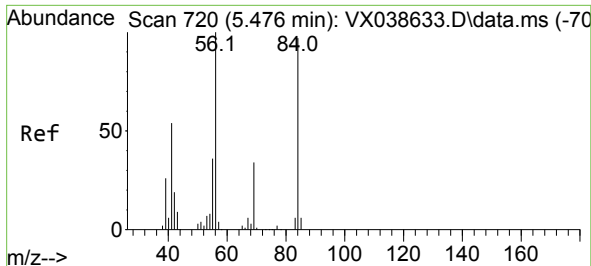
Tgt Ion: 84 Resp: 733
Ion Ratio Lower Upper
84 100
49 69.2 103.6 155.4#
51 27.8 33.8 50.6#
86 53.5 49.4 74.0



#30
Chloroform
Concen: 0.406 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

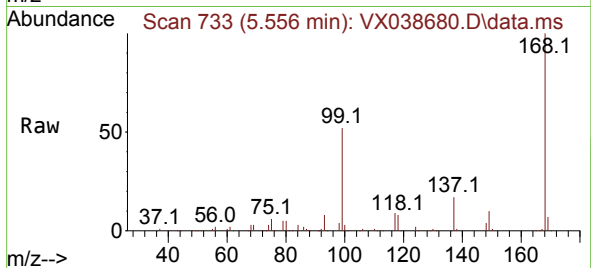
Tgt Ion: 83 Resp: 2164
Ion Ratio Lower Upper
83 100
85 57.9 50.3 75.5



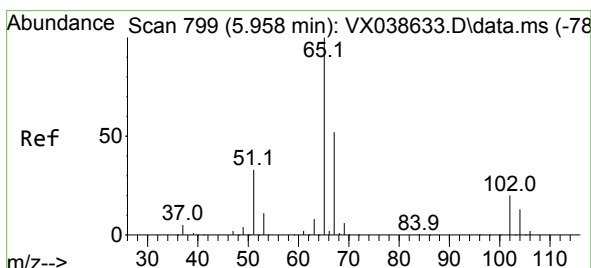
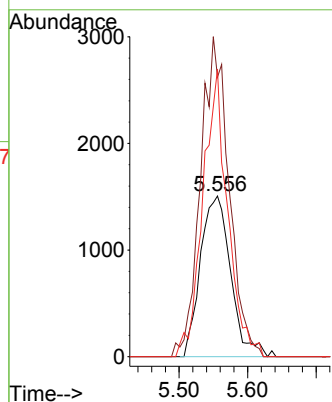
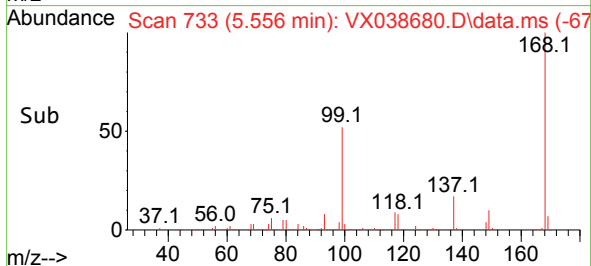


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :

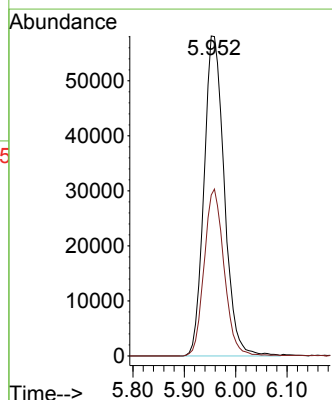
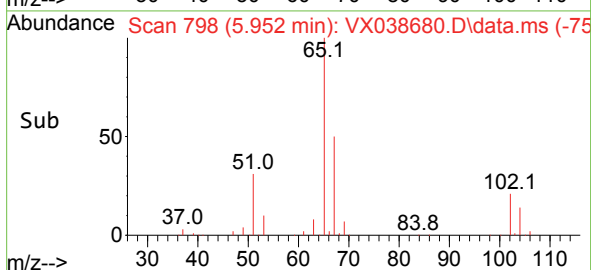
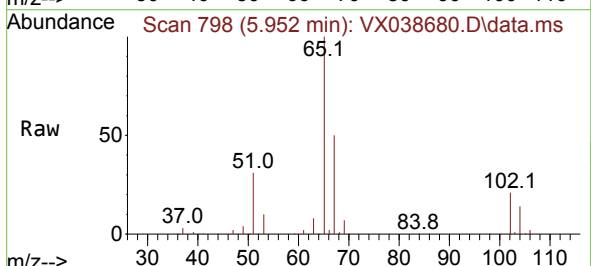


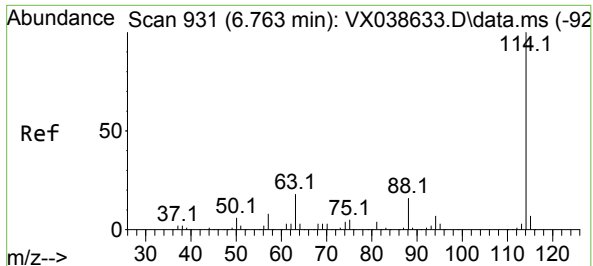
Tgt Ion: 56 Resp: 4627
Ion Ratio Lower Upper
56 100
69 174.1 23.4 35.2#
84 179.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.985 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion: 65 Resp: 159322
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

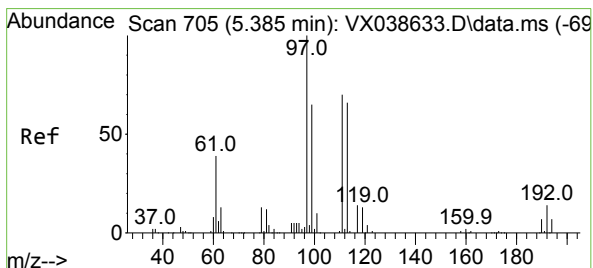
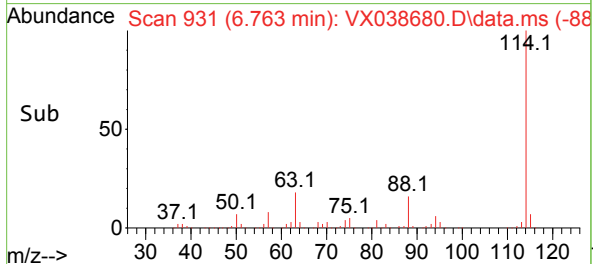
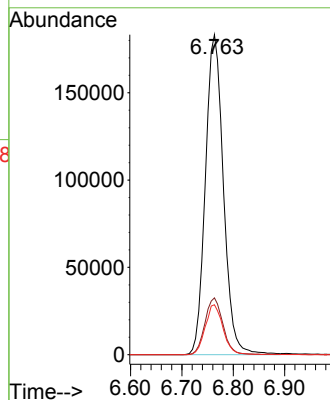
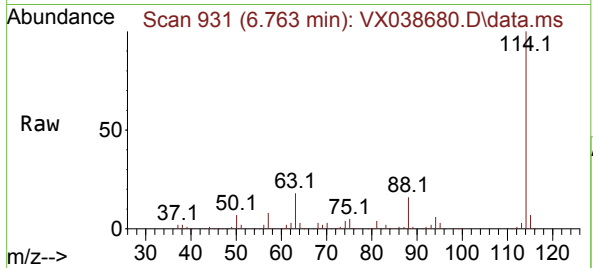




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

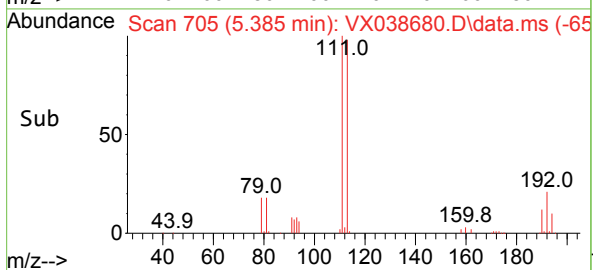
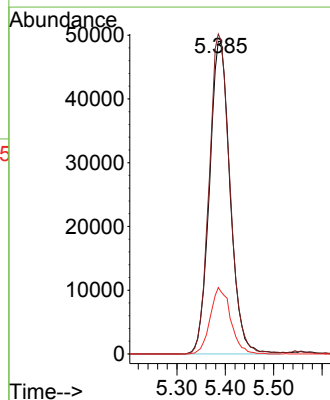
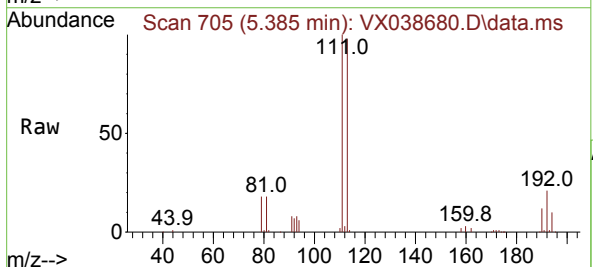
Instrument :
MSVOA_X
ClientSampleId :

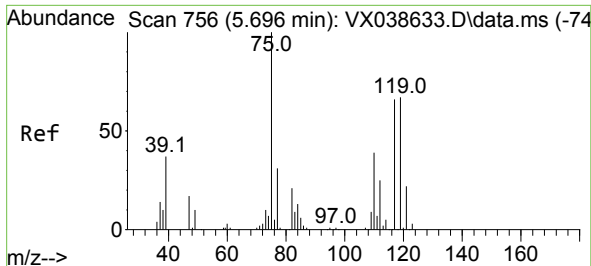
Tgt Ion:114 Resp: 446908
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion:113 Resp: 145177
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 21.1 13.3 19.9#

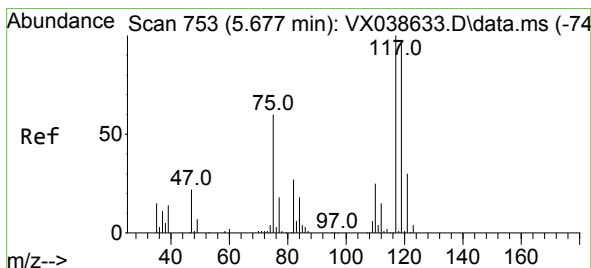
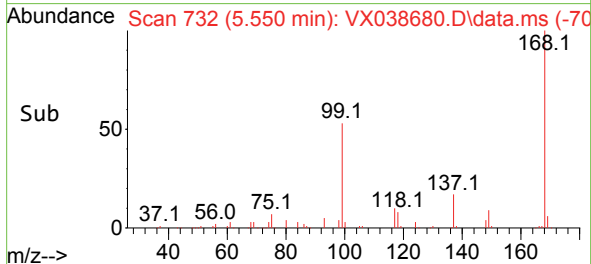
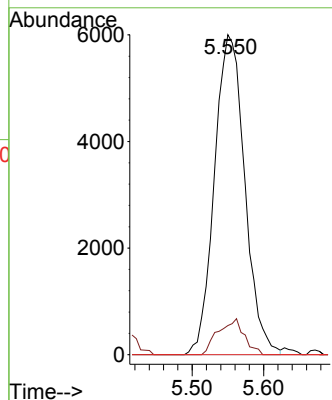
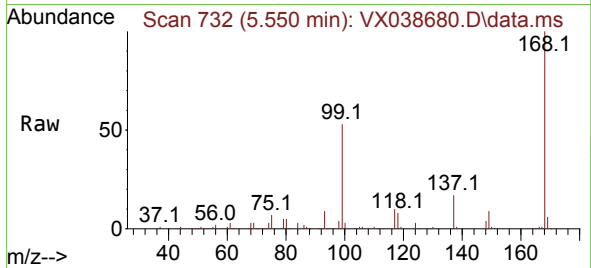




#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

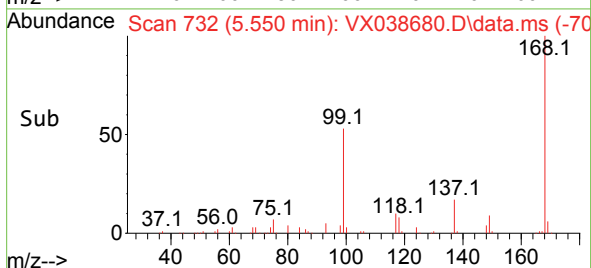
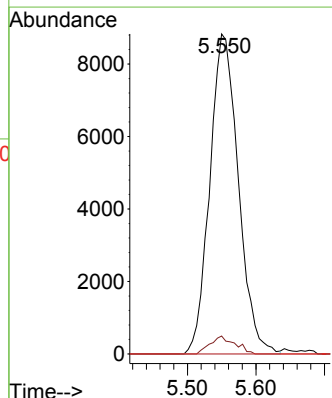
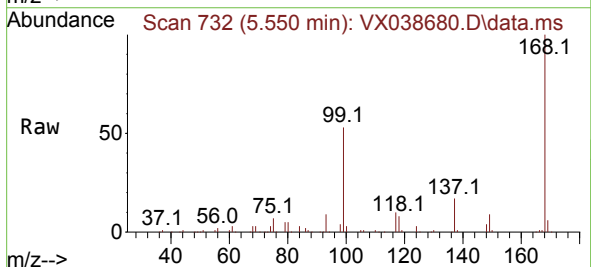
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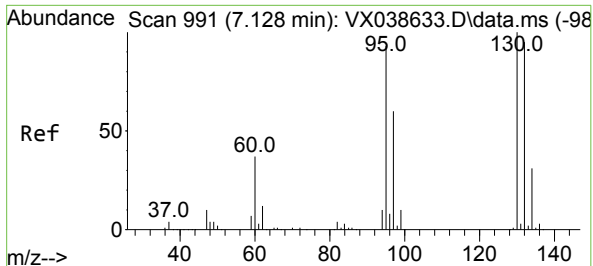
Tgt Ion: 75 Resp: 17672
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion: 117 Resp: 25555
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

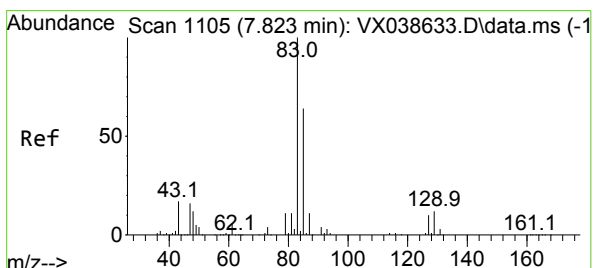
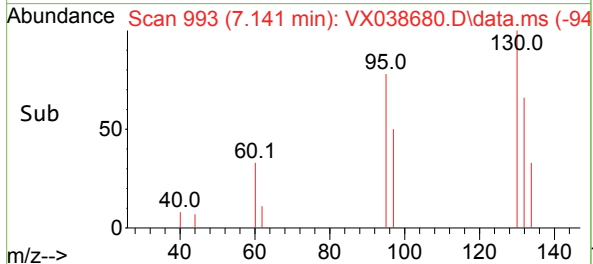
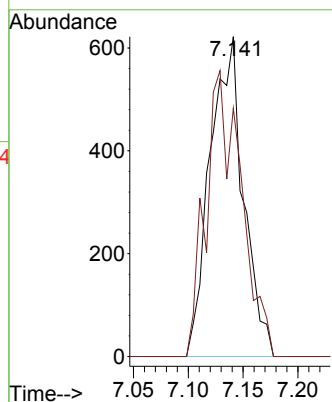
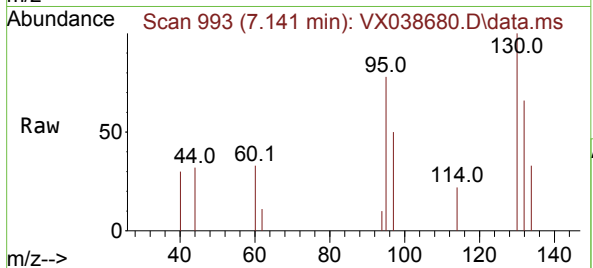




#44
Trichloroethene
Concen: 0.367 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.013 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

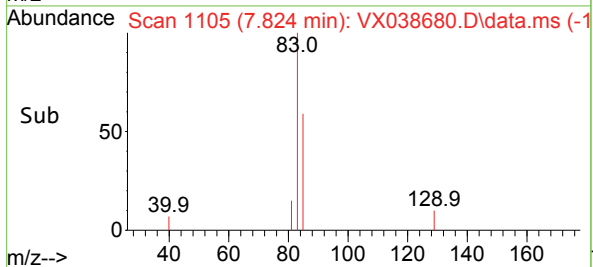
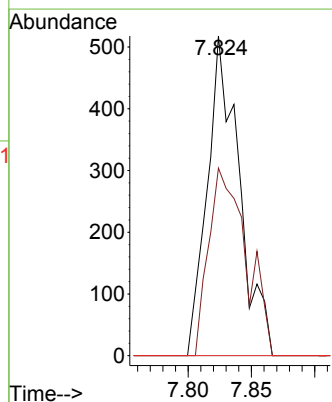
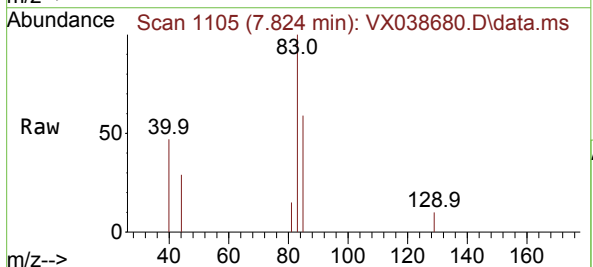
Instrument :
MSVOA_X
ClientSampleId :

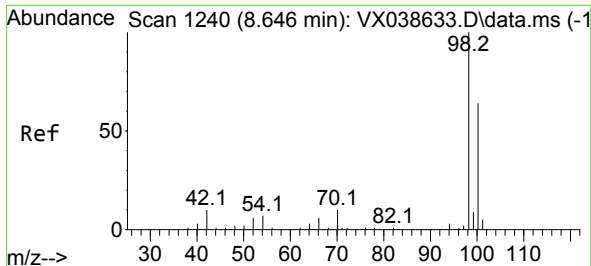
Tgt Ion:130 Resp: 1314
Ion Ratio Lower Upper
130 100
95 77.7 0.0 204.4



#47
Bromodichloromethane
Concen: 0.207 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion: 83 Resp: 907
Ion Ratio Lower Upper
83 100
85 58.7 49.8 74.6
127 0.0 7.1 10.7#

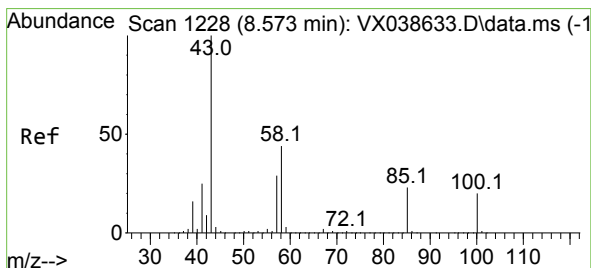
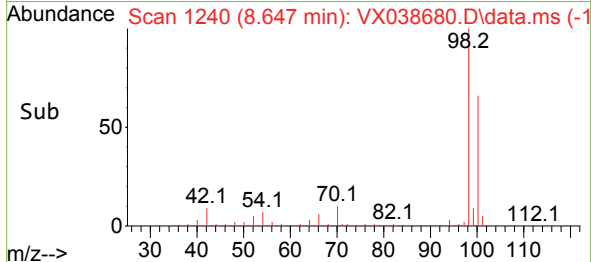
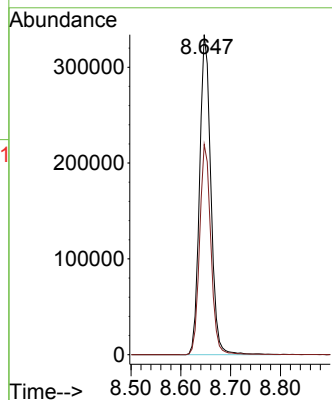
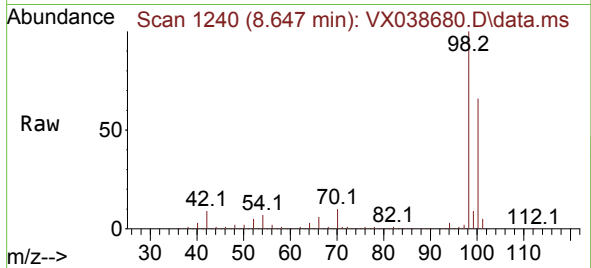




#50
Toluene-d8
Concen: 45.533 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

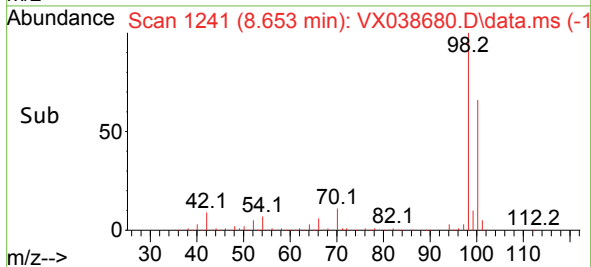
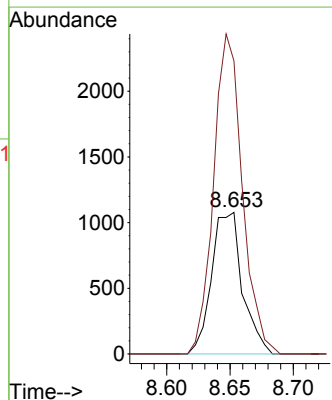
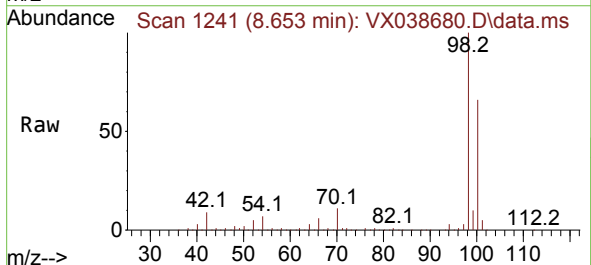
Instrument :
MSVOA_X
ClientSampleId :

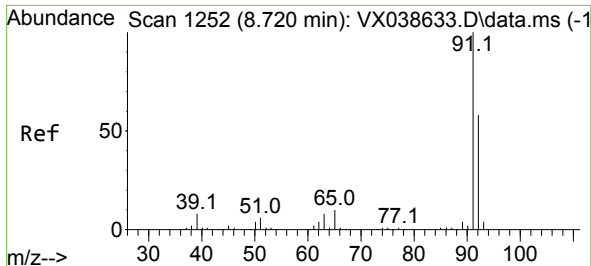
Tgt Ion: 98 Resp: 524452
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.447 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
58 210.6 30.4 45.6#

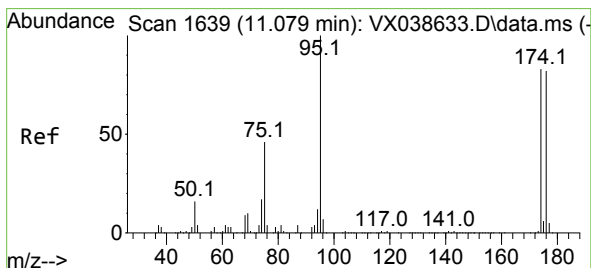
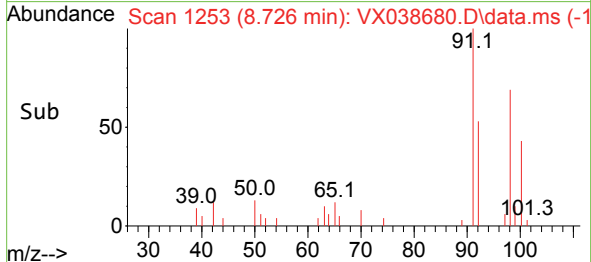
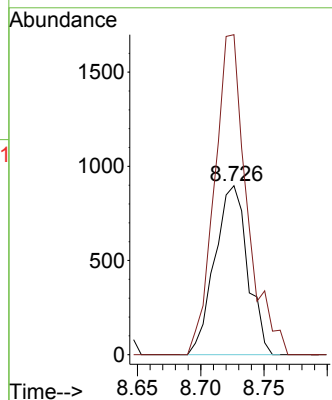
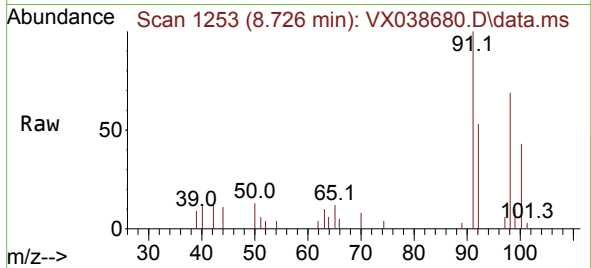




#52
Toluene
Concen: 0.216 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.007 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

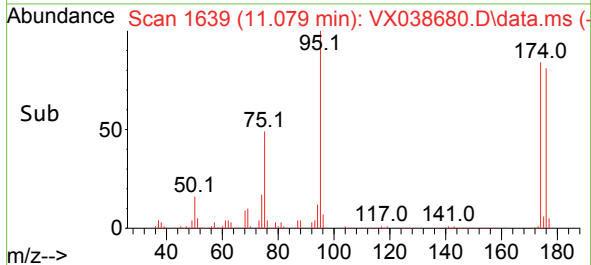
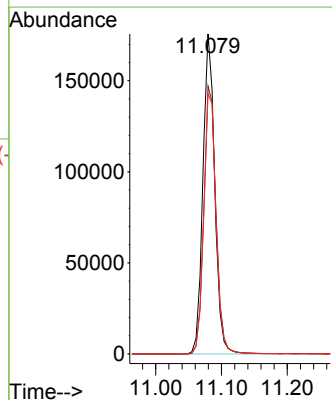
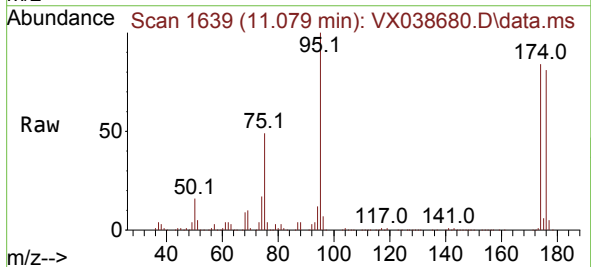
Instrument :
MSVOA_X
ClientSampleId :

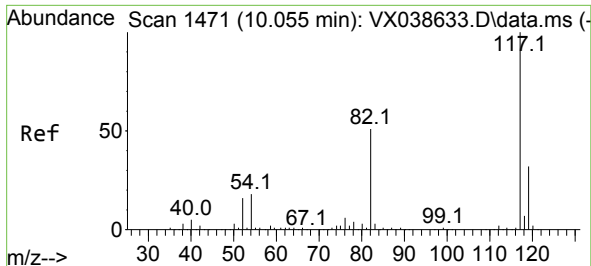
Tgt Ion: 92 Resp: 1627
Ion Ratio Lower Upper
92 100
91 185.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion: 95 Resp: 219697
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 84.7 0.0 131.0

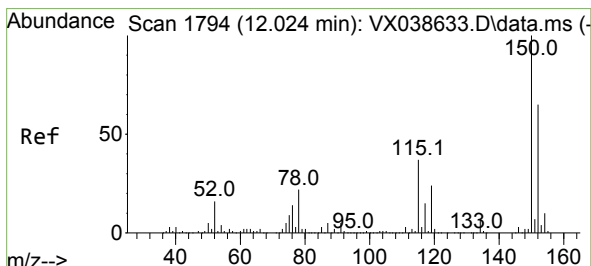
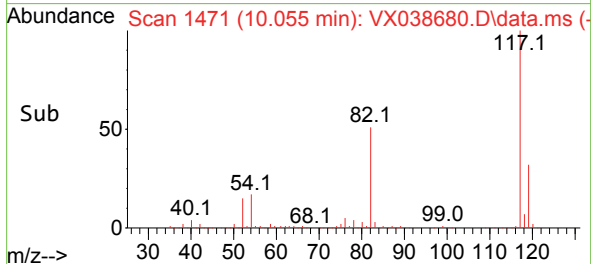
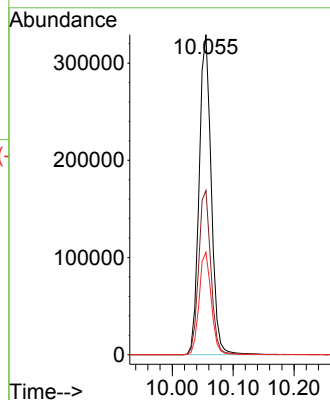
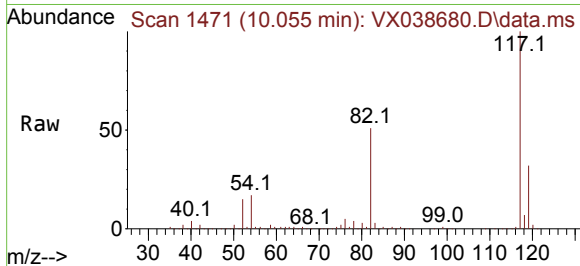




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

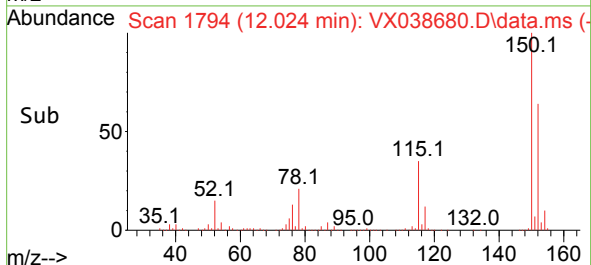
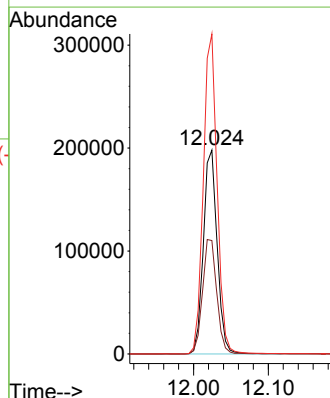
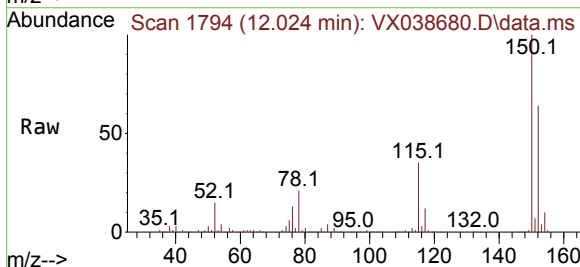
Instrument :
MSVOA_X
ClientSampleId :

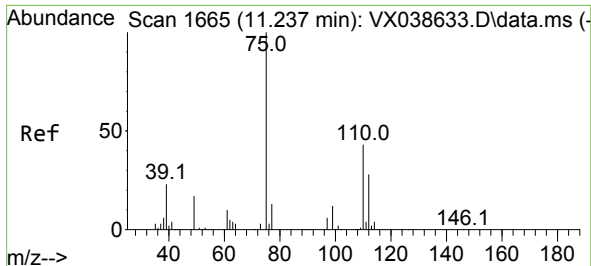
Tgt Ion:117 Resp: 452967
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion:152 Resp: 253946
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 157.2 0.0 345.0

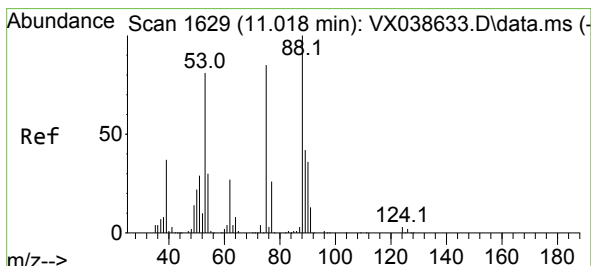
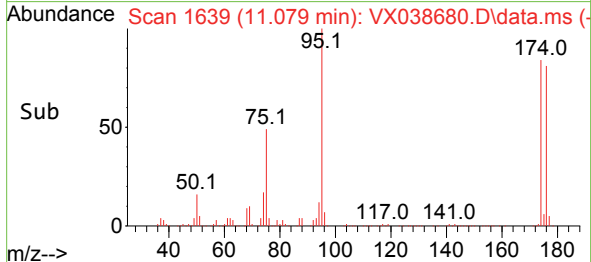
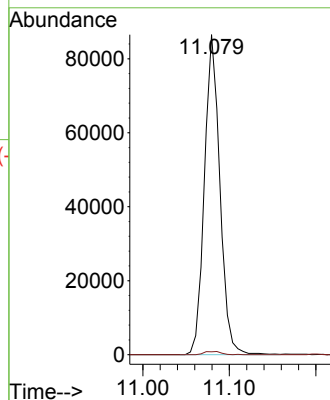
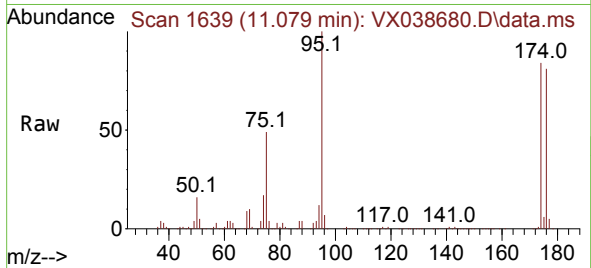




#76
1,2,3-Trichloropropane
Concen: 21.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 107392
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038680.D
Acq: 09 Nov 2023 15:05

Tgt Ion: 75 Resp: 107392
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

