

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039163.D
 Acq On : 12 Dec 2023 14:16
 Operator : JC/MD
 Sample : 05729-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 04:16:12 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)

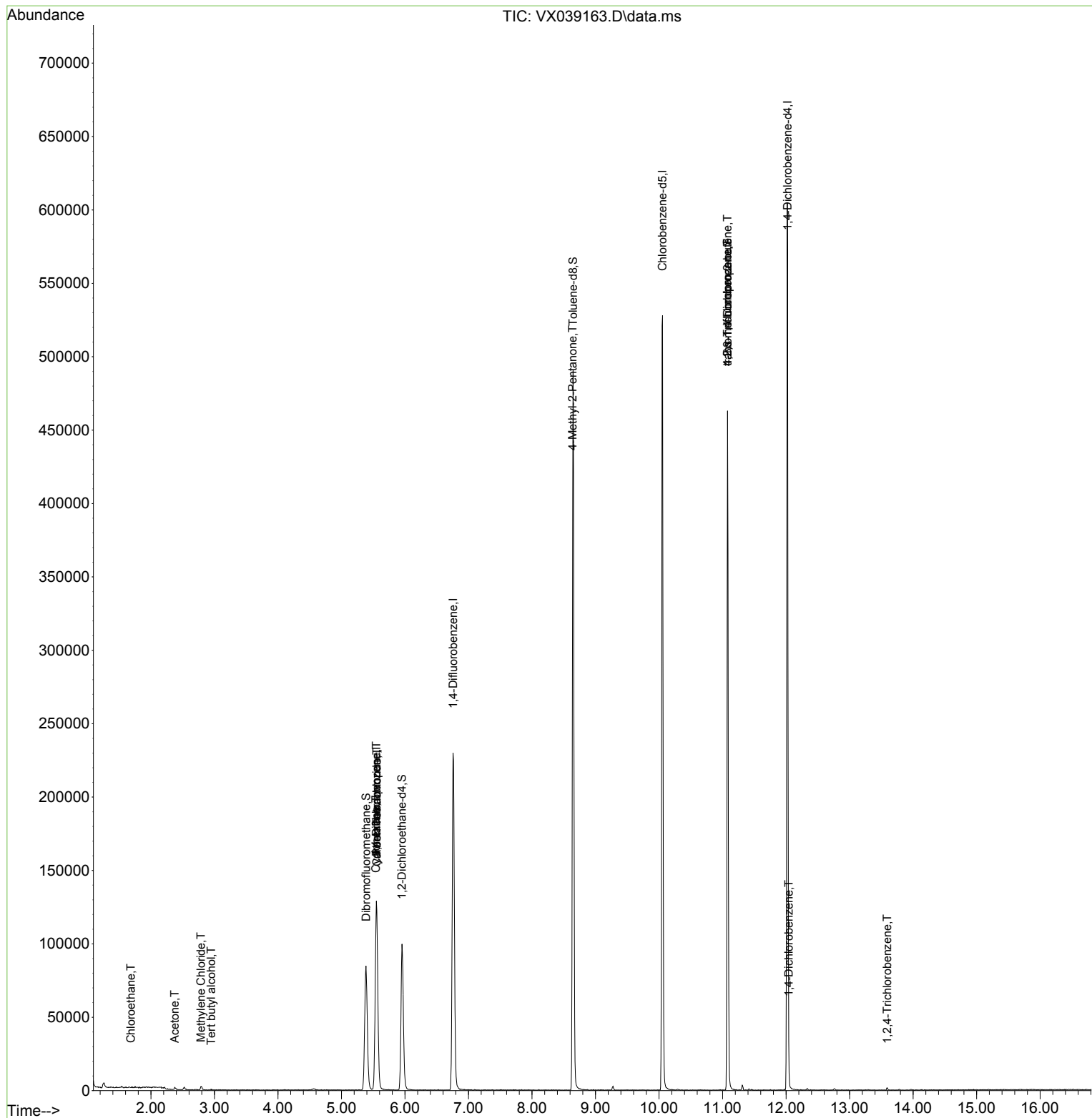
Internal Standards						
1) Pentafluorobenzene	5.550	168	109966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94994	53.610	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.220%			
35) Dibromofluoromethane	5.385	113	73951	45.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.840%			
50) Toluene-d8	8.647	98	283947	45.584	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.160%#			
62) 4-Bromofluorobenzene	11.079	95	128203	51.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.820%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.684	64	225	0.244	ug/l #	43
11) Tert butyl alcohol	2.946	59	249	0.505	ug/l #	78
16) Acetone	2.373	43	1465	1.553	ug/l	92
20) Methylene Chloride	2.788	84	1255	0.738	ug/l	90
31) Cyclohexane	5.544	56	2961	1.170	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	11106	4.760	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12660	5.870	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1423	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69418	24.338	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	69418	53.984	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	834	0.208	ug/l #	24
93) 1,2,4-Trichlorobenzene	13.591	180	524	0.210	ug/l	87

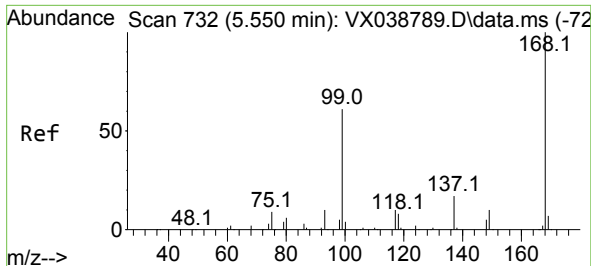
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 13 04:16:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
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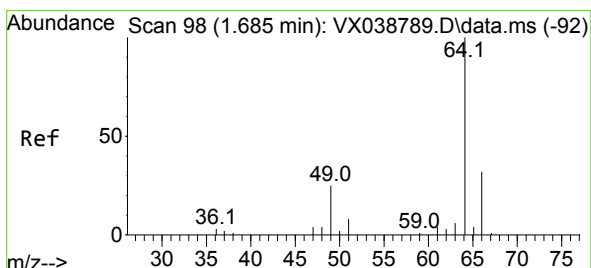
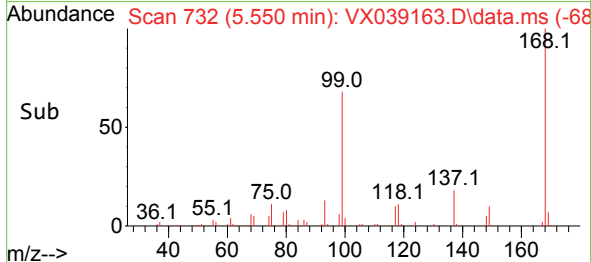
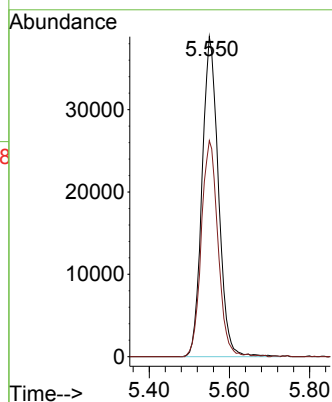
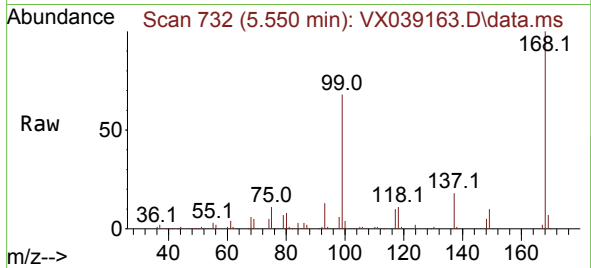




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

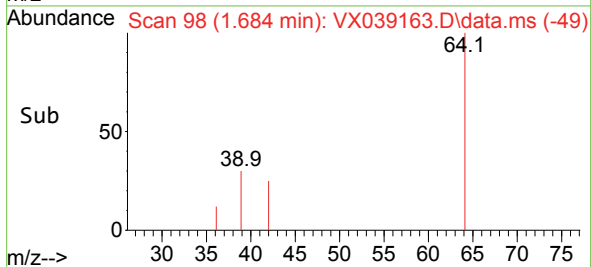
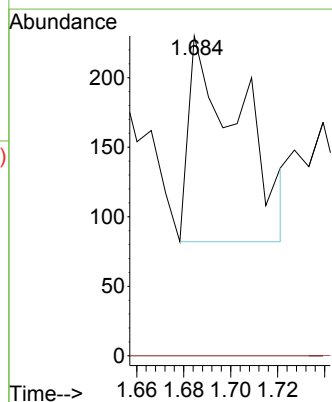
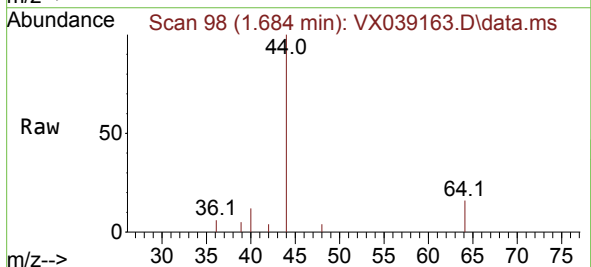
Instrument :
MSVOA_X
ClientSampleId :

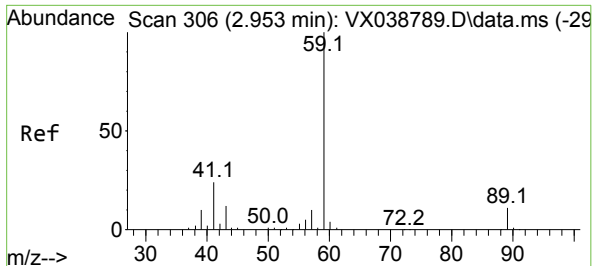
Tgt Ion:168 Resp: 109966
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0



#6
Chloroethane
Concen: 0.244 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.505 ug/l

RT: 2.946 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039163.D

Acq: 12 Dec 2023 14:16

Instrument :

MSVOA_X

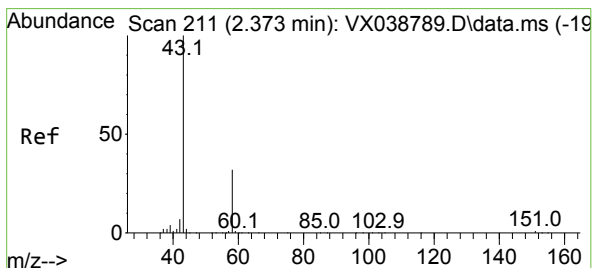
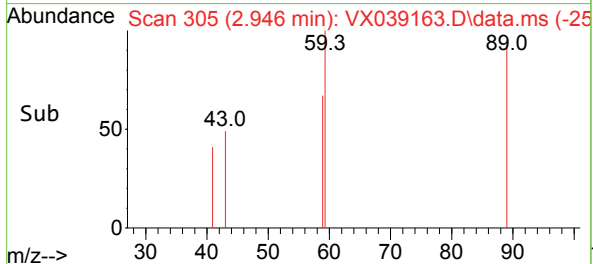
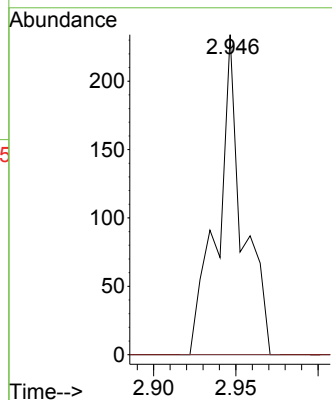
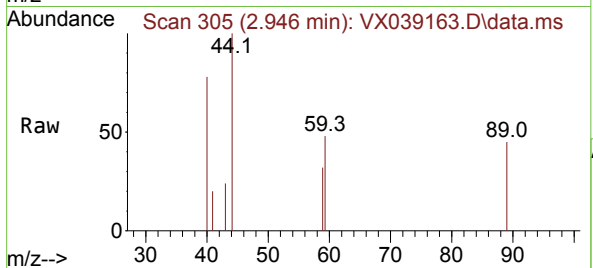
ClientSampleId :

Tgt Ion: 59 Resp: 249

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.553 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039163.D

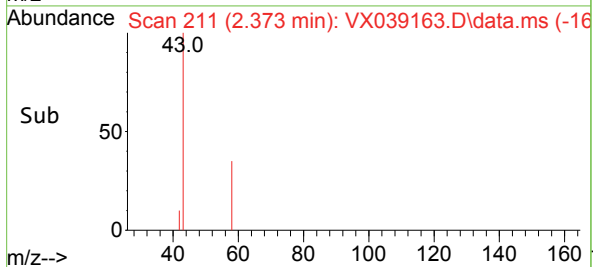
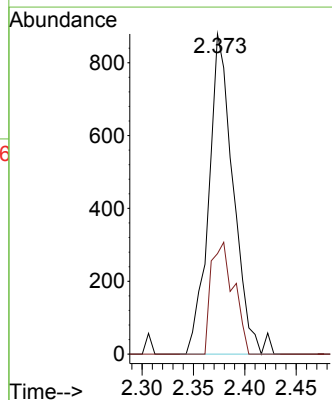
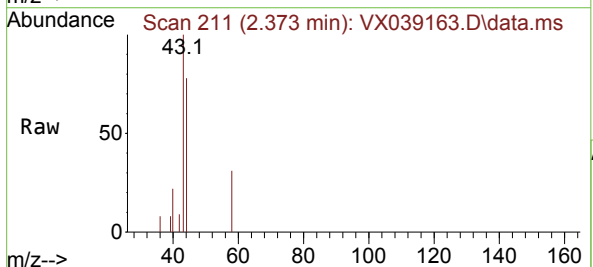
Acq: 12 Dec 2023 14:16

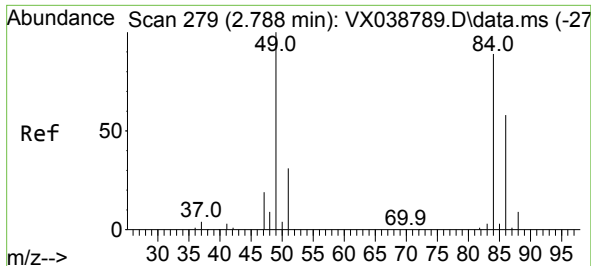
Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

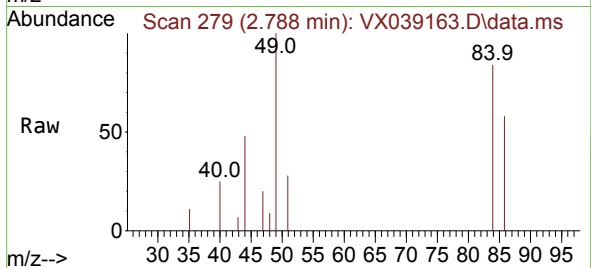
58 31.4 21.9 32.9





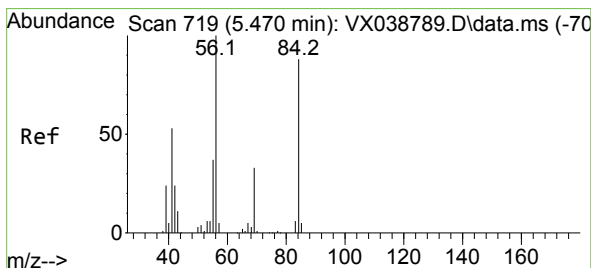
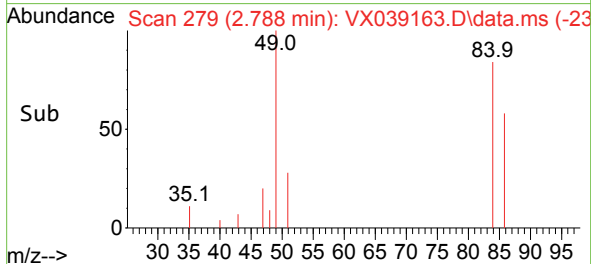
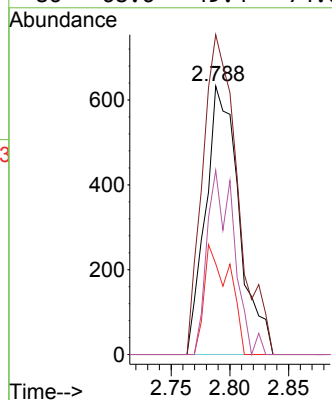
#20
Methylene Chloride
Concen: 0.738 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1255

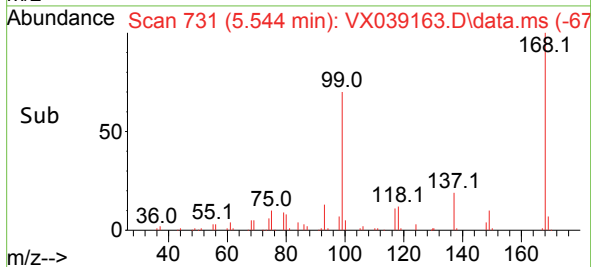
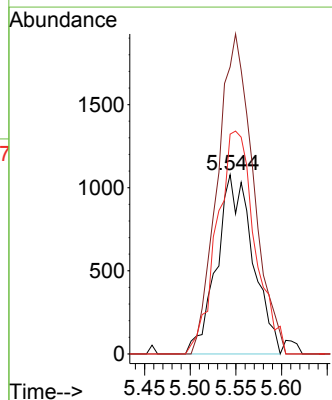
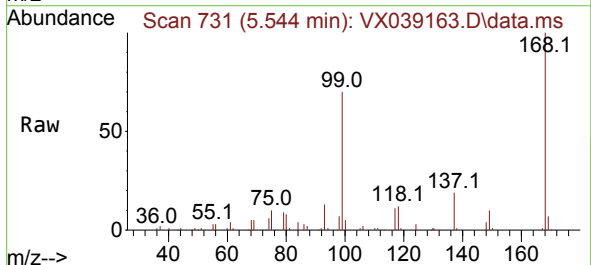
Ion	Ratio	Lower	Upper
84	100		
49	119.1	103.6	155.4
51	33.8	33.8	50.6
86	68.6	49.4	74.0

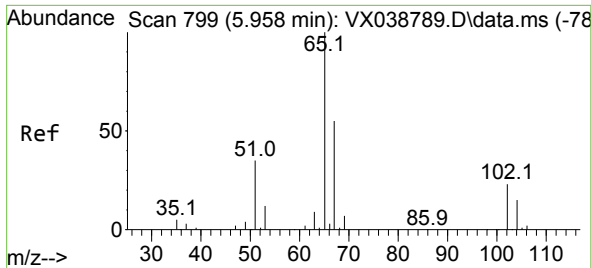


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion: 56 Resp: 2961

Ion	Ratio	Lower	Upper
56	100		
69	160.2	23.4	35.2#
84	122.6	65.9	98.9#

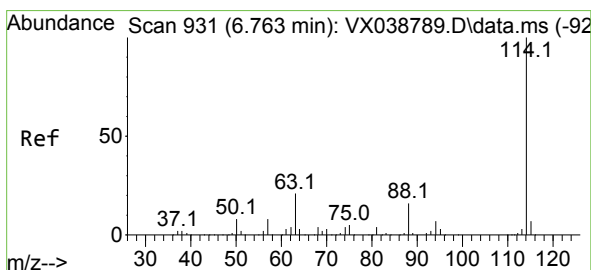
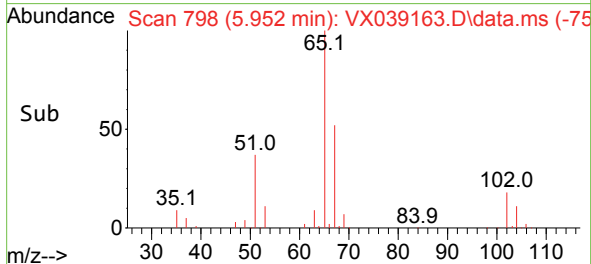
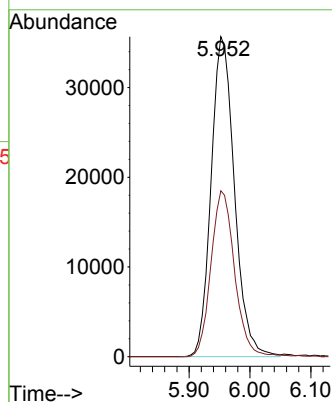
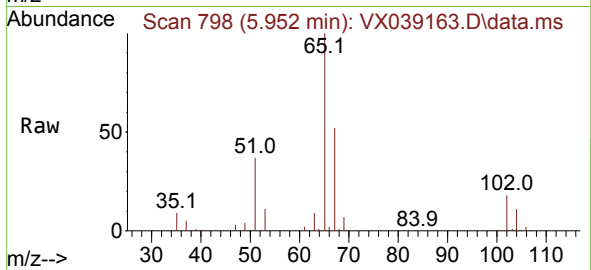




#33
 1,2-Dichloroethane-d4
 Concen: 53.610 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX039163.D
 Acq: 12 Dec 2023 14:16

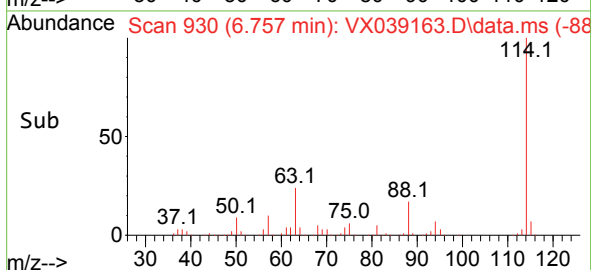
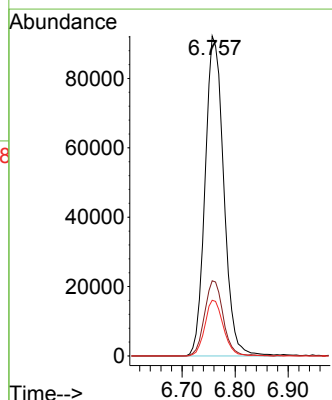
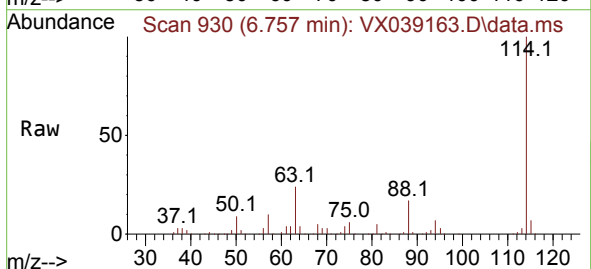
Instrument :
 MSVOA_X
 ClientSampleId :

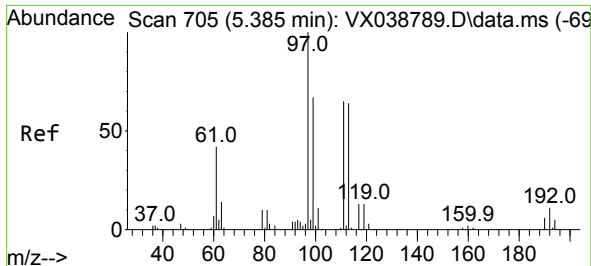
Tgt Ion: 65 Resp: 94994
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039163.D
 Acq: 12 Dec 2023 14:16

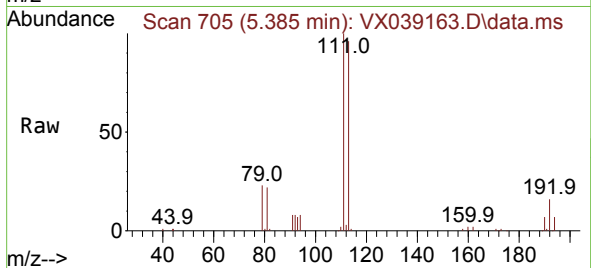
Tgt Ion: 114 Resp: 225423
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.0
 88 17.4 0.0 36.6



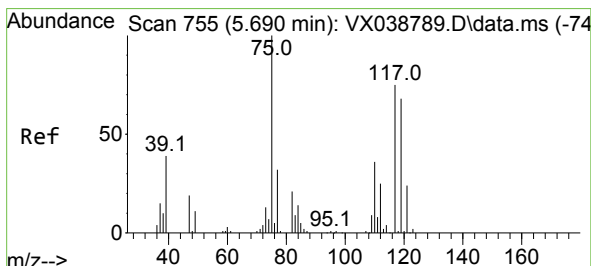
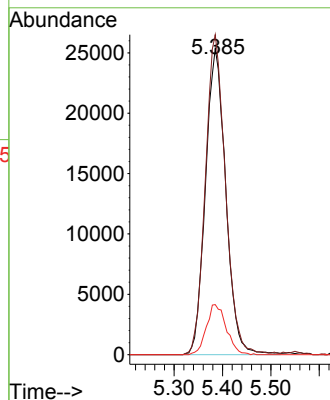
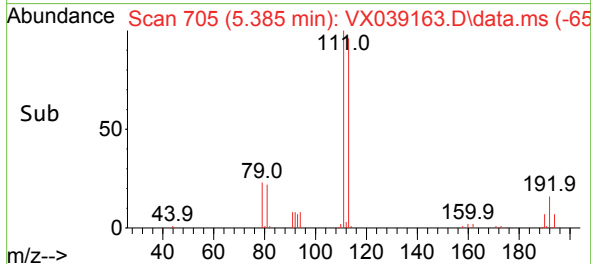


#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

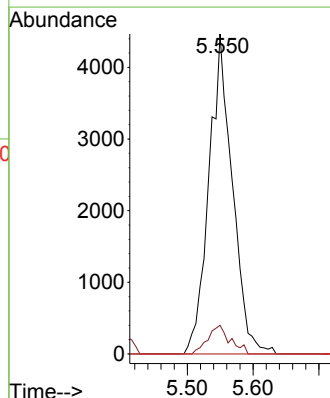
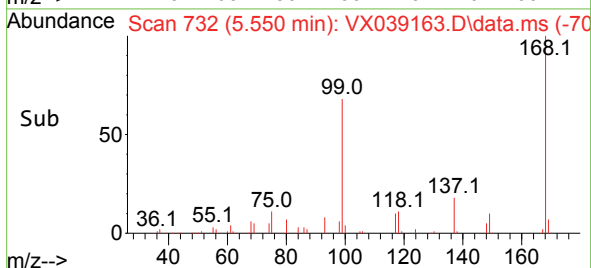
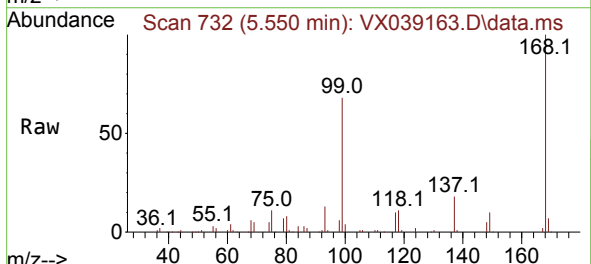


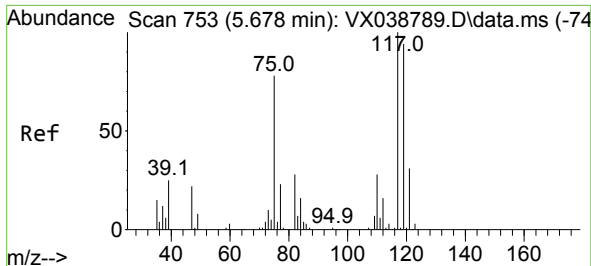
Tgt Ion:113 Resp: 73951
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

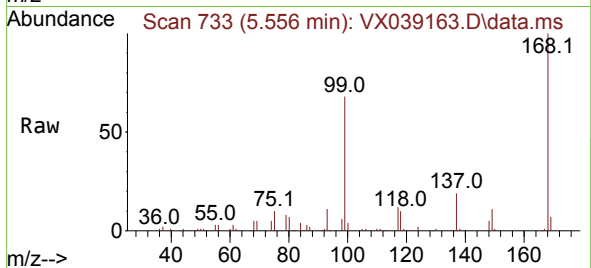
Tgt Ion: 75 Resp: 11106
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



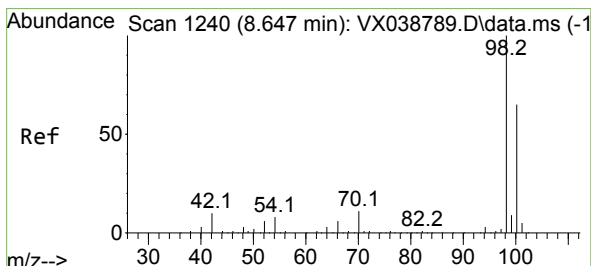
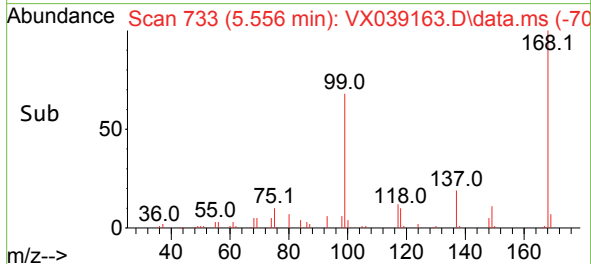
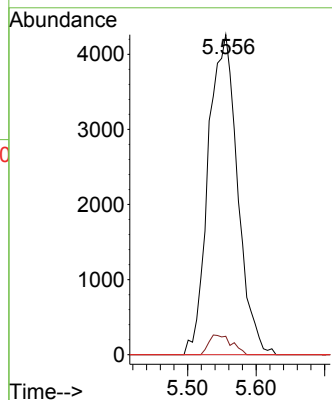


#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

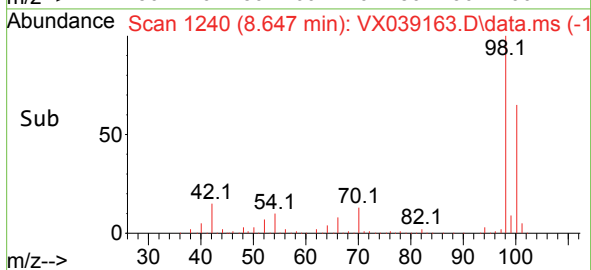
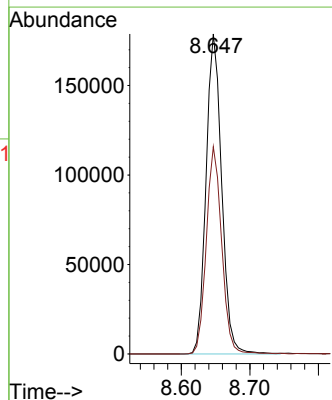
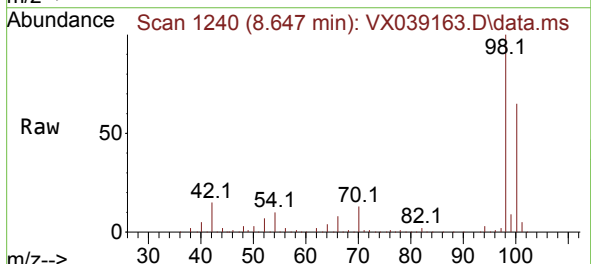


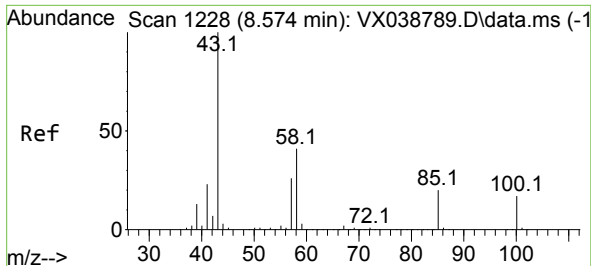
Tgt Ion:117 Resp: 12660
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion: 98 Resp: 283947
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

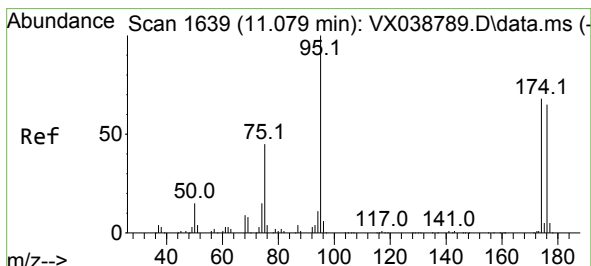
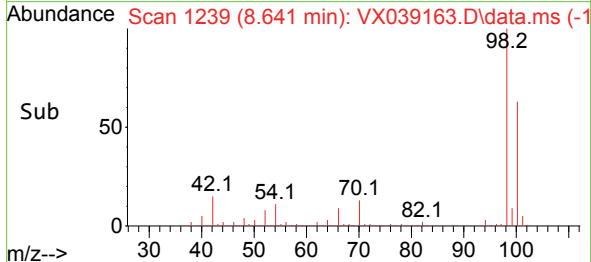
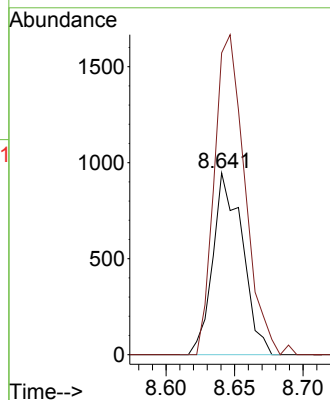
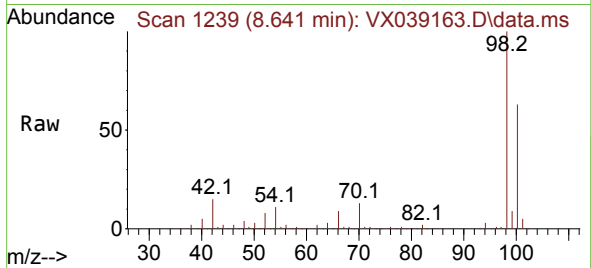




#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

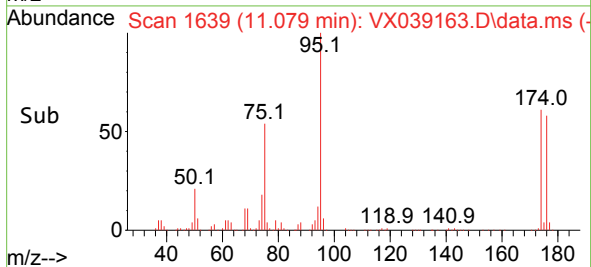
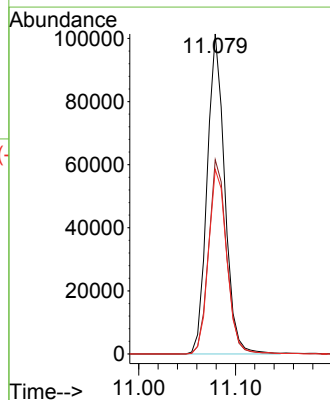
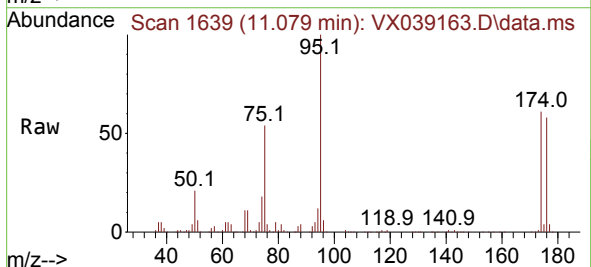
Instrument :
MSVOA_X
ClientSampleId :

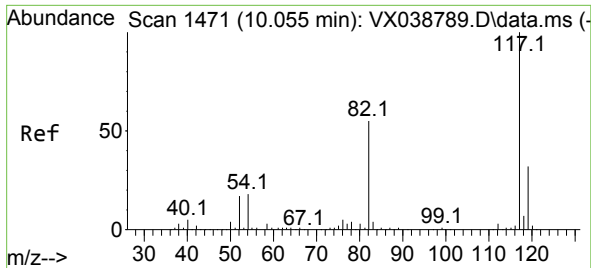
Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
58 181.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion: 95 Resp: 128203
Ion Ratio Lower Upper
95 100
174 62.4 0.0 135.6
176 60.3 0.0 131.0

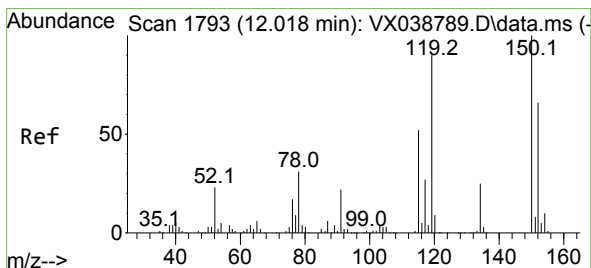
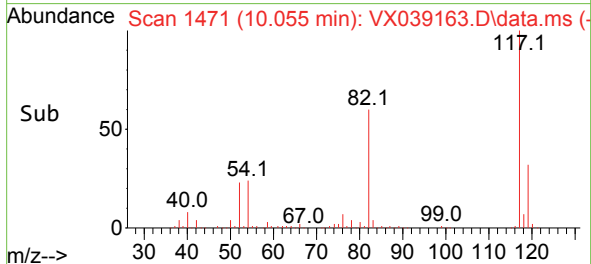
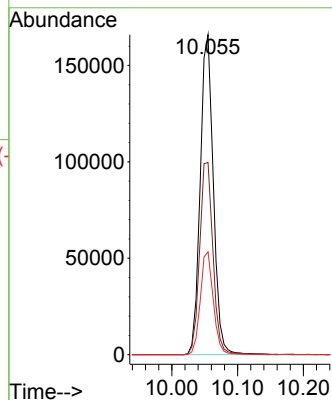
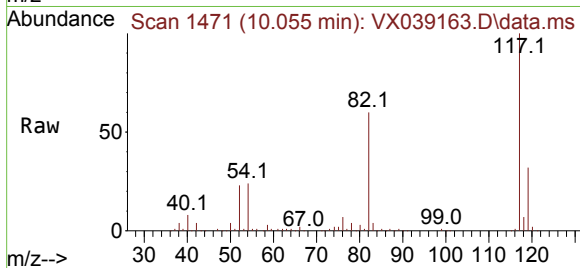




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

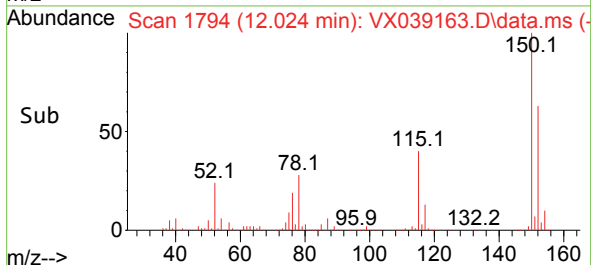
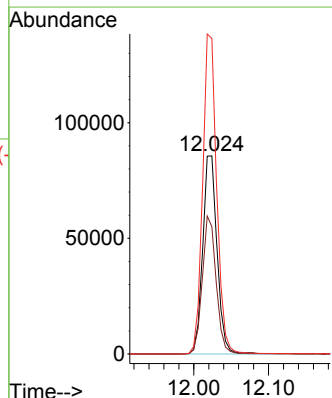
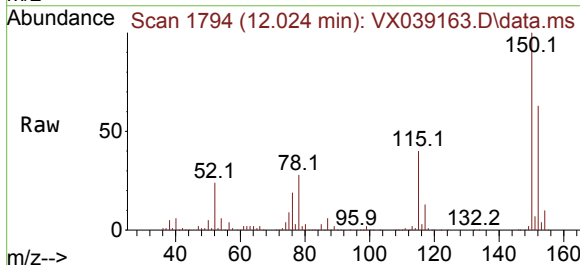
Instrument :
MSVOA_X
ClientSampleId :

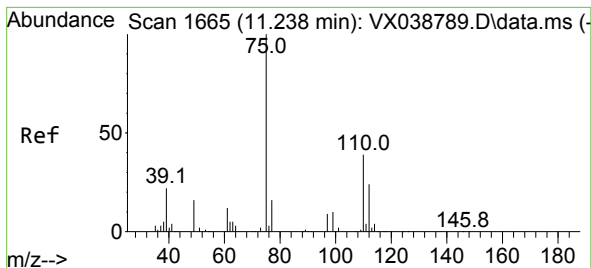
Tgt Ion:117 Resp: 230378
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion:152 Resp: 114320
Ion Ratio Lower Upper
152 100
115 67.1 43.3 129.9
150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.338 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX039163.D

Acq: 12 Dec 2023 14:16

Instrument :

MSVOA_X

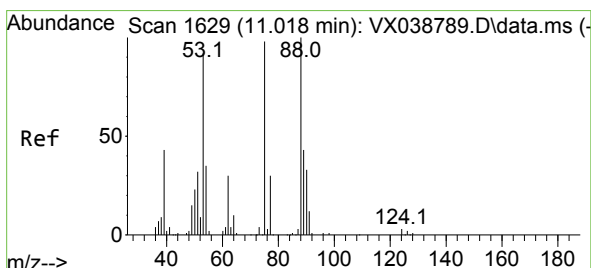
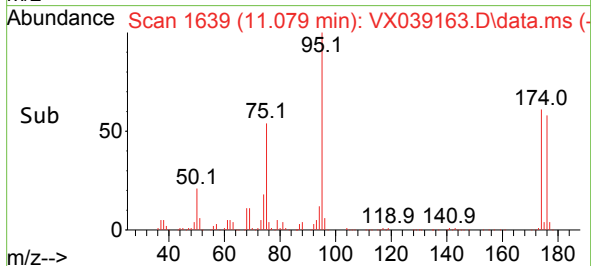
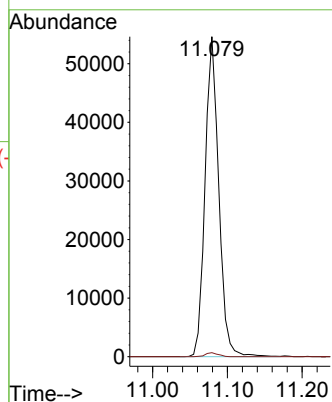
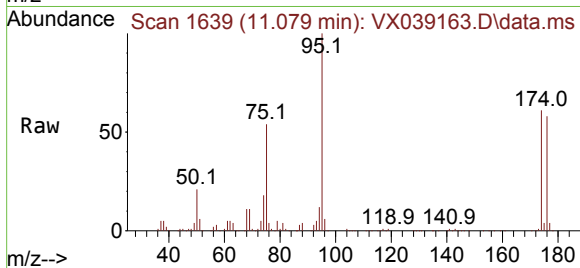
ClientSampleId :

Tgt Ion: 75 Resp: 69418

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.984 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039163.D

Acq: 12 Dec 2023 14:16

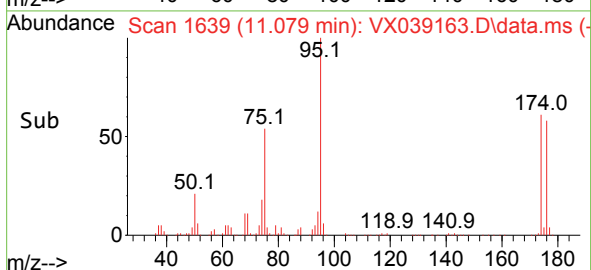
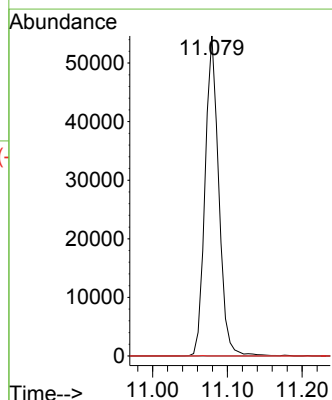
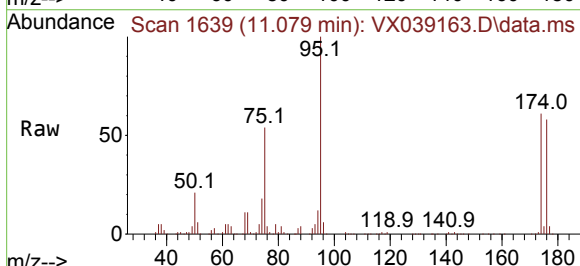
Tgt Ion: 75 Resp: 69418

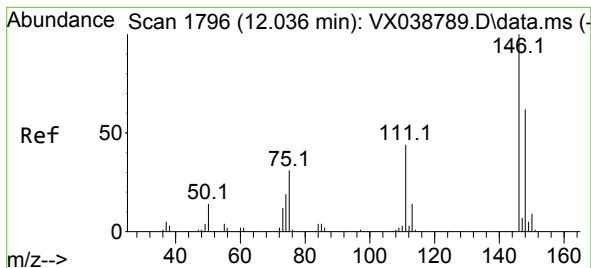
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#88

1,4-Dichlorobenzene

Concen: 0.208 ug/l

RT: 12.042 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039163.D

Acq: 12 Dec 2023 14:16

Instrument :

MSVOA_X

ClientSampleId :

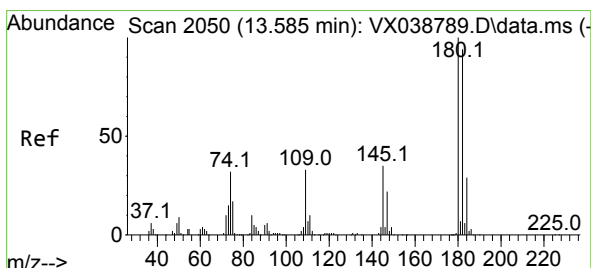
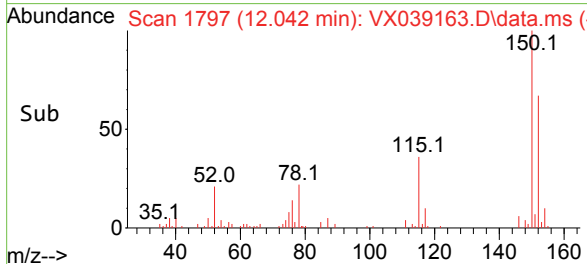
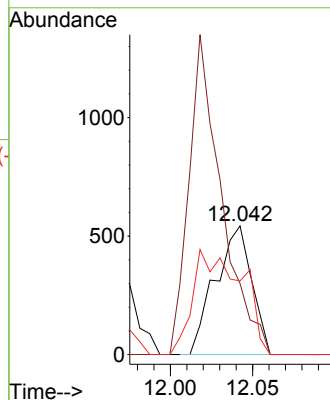
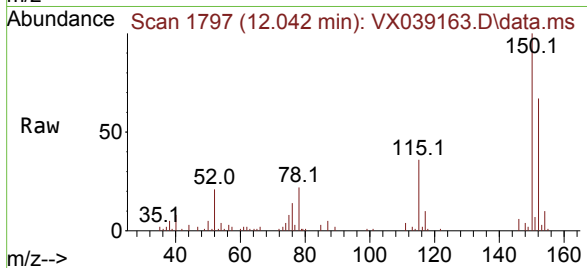
Tgt Ion:146 Resp: 834

Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.7#

148 0.0 31.8 95.4#



#93

1,2,4-Trichlorobenzene

Concen: 0.210 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039163.D

Acq: 12 Dec 2023 14:16

Tgt Ion:180 Resp: 524

Ion Ratio Lower Upper

180 100

182 79.6 48.3 144.8

145 35.1 18.0 54.0

