

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039451.D
 Acq On : 22 Dec 2023 19:30
 Operator : JC/MD
 Sample : 05975-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:29:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

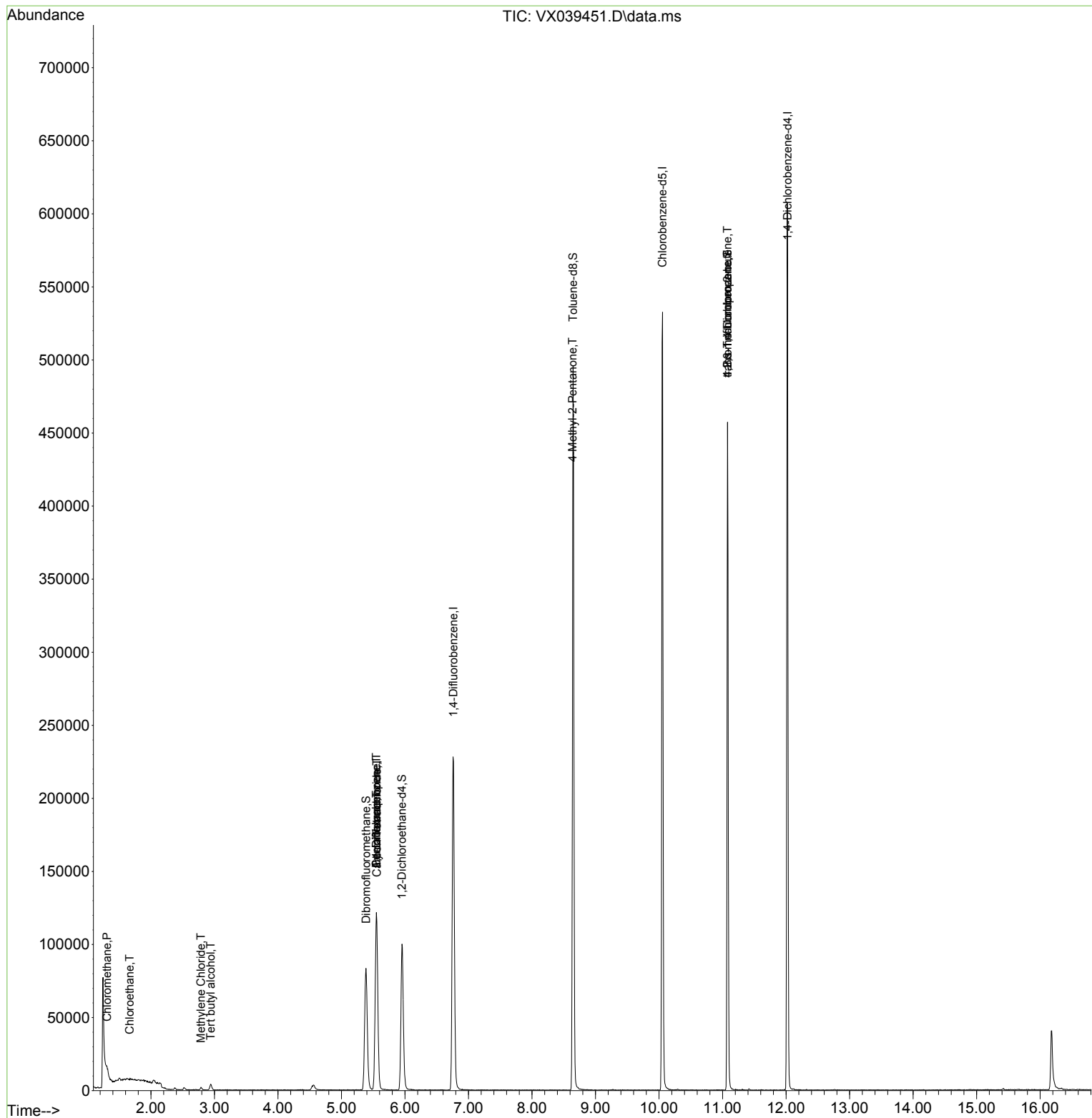
Internal Standards						
1) Pentafluorobenzene	5.550	168	102695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94767	50.373	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.740%		
35) Dibromofluoromethane	5.385	113	72354	47.159	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.320%		
50) Toluene-d8	8.647	98	282303	49.561	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.120%		
62) 4-Bromofluorobenzene	11.079	95	122791	52.248	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	431	0.269	ug/l #	43
6) Chloroethane	1.666	64	1214	1.354	ug/l #	43
11) Tert butyl alcohol	2.940	59	2474	5.237	ug/l #	78
16) Acetone	2.373	43	1259	Below Cal		96
20) Methylene Chloride	2.788	84	740	0.472	ug/l #	82
31) Cyclohexane	5.550	56	3166	1.303	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	10600	4.378	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12221	5.289	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1479	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68440	23.415	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68440	66.053	ug/l #	5

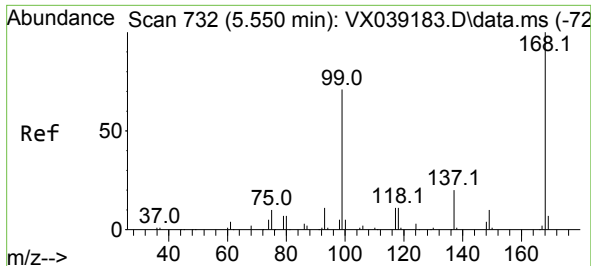
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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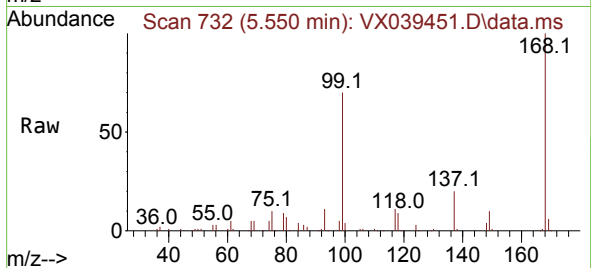
Quant Time: Dec 23 06:29:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



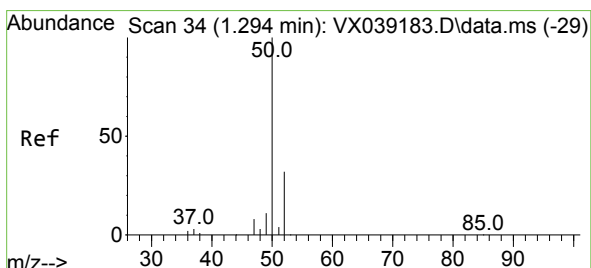
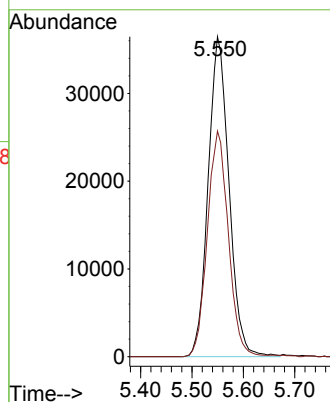


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Instrument :
MSVOA_X
ClientSampleId :

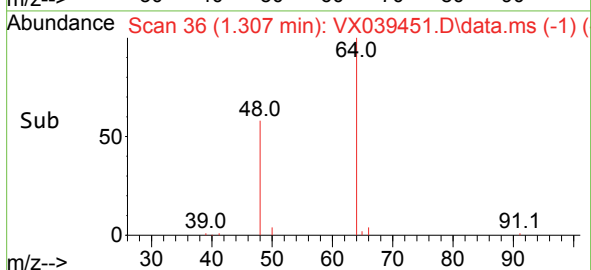
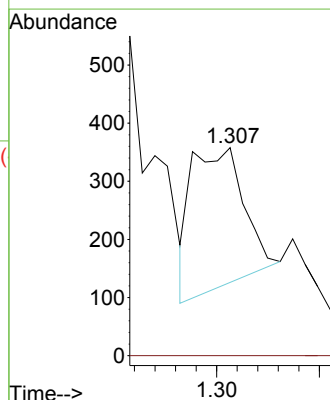
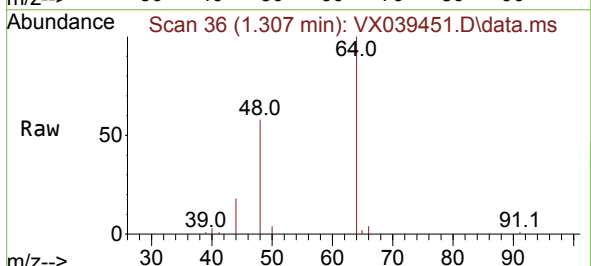


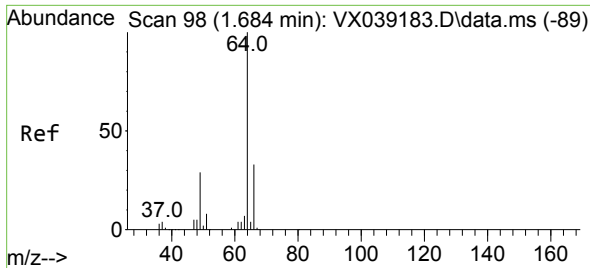
Tgt Ion:168 Resp: 102695
Ion Ratio Lower Upper
168 100
99 70.5 56.6 85.0



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

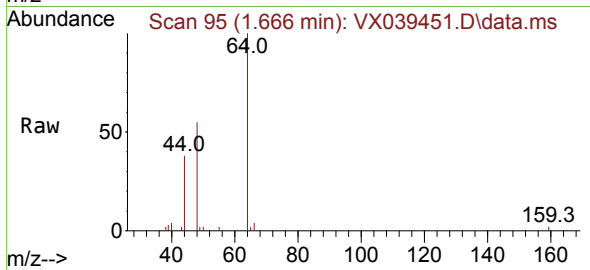
Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



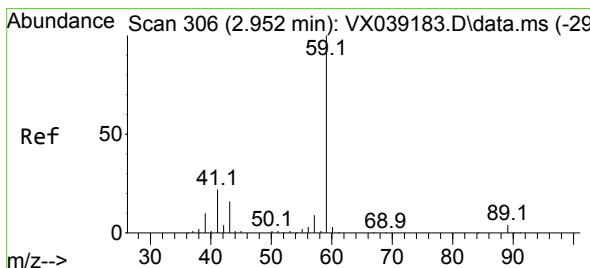
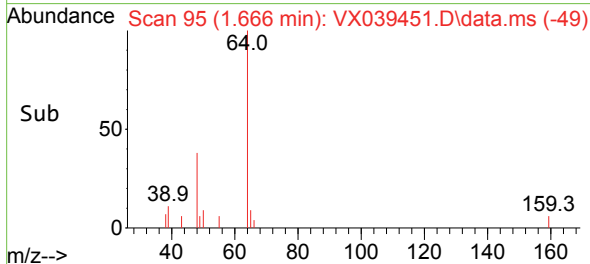
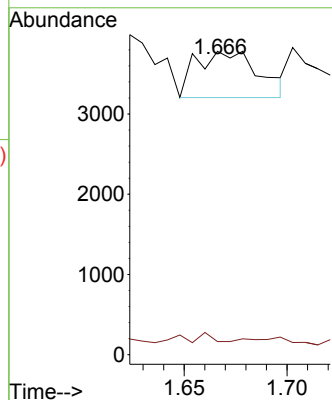


#6
Chloroethane
Concen: 1.354 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Instrument :
MSVOA_X
ClientSampleId :

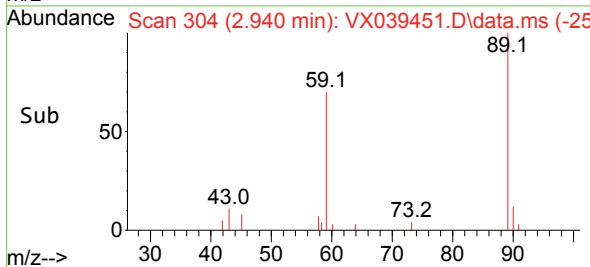
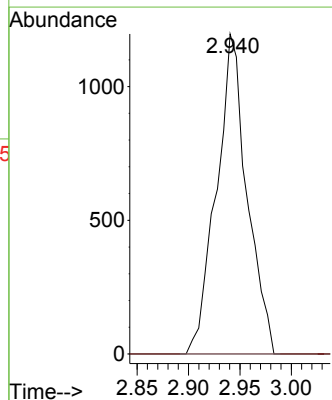
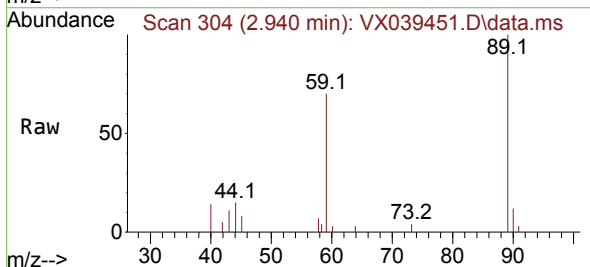


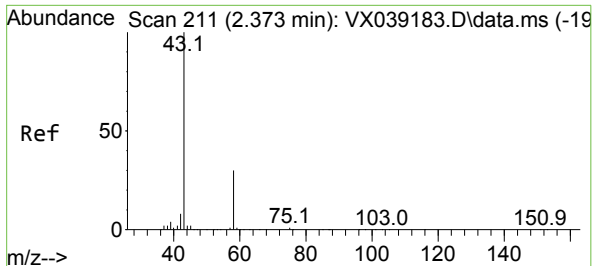
Tgt Ion: 64 Resp: 1214
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 5.237 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Tgt Ion: 59 Resp: 2474
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

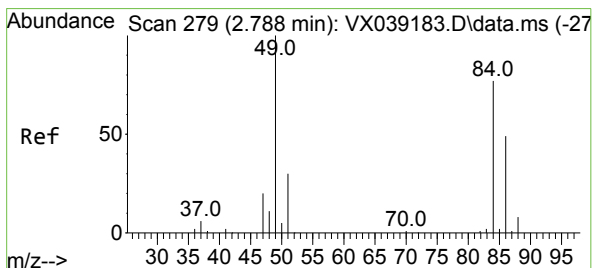
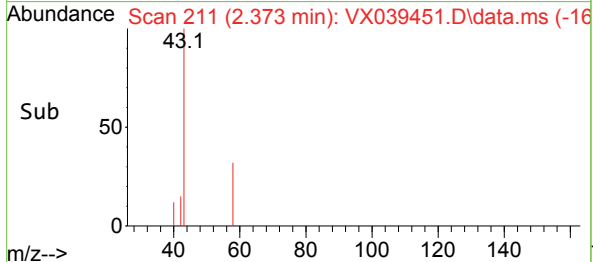
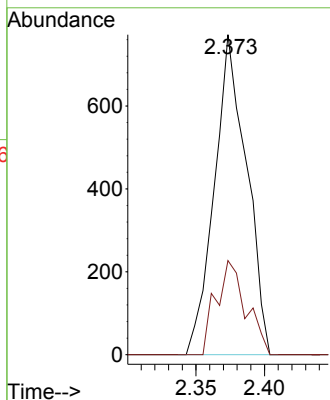
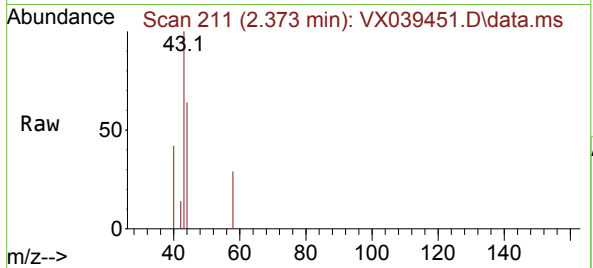




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

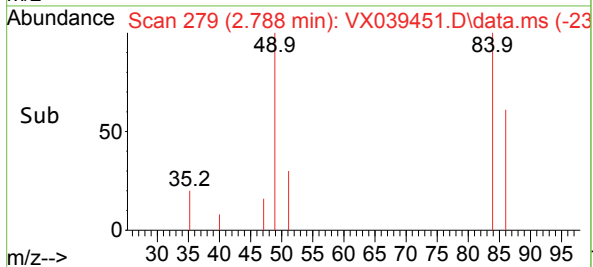
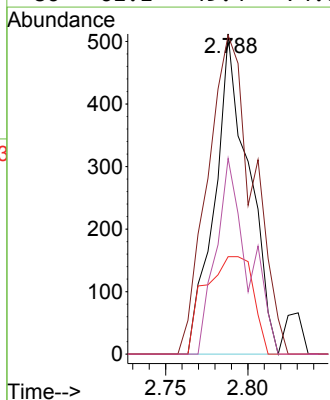
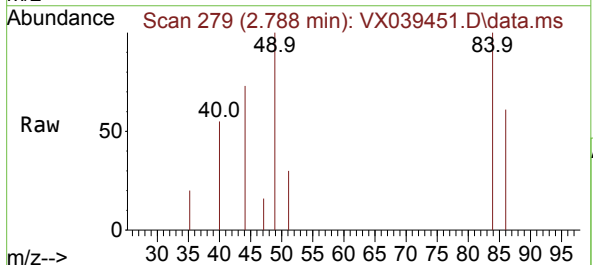
Instrument :
MSVOA_X
ClientSampleId :

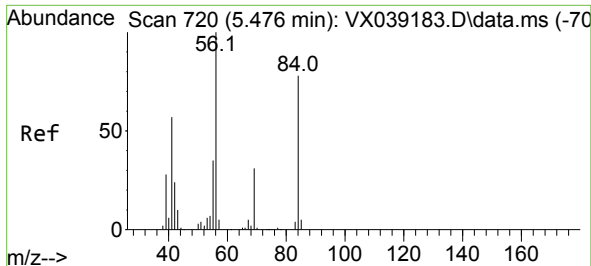
Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.472 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

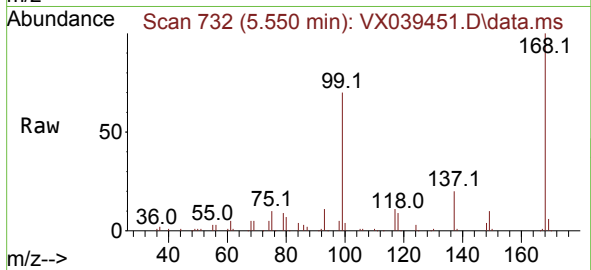
Tgt Ion: 84 Resp: 740
Ion Ratio Lower Upper
84 100
49 99.6 103.6 155.4#
51 30.5 33.8 50.6#
86 61.1 49.4 74.0



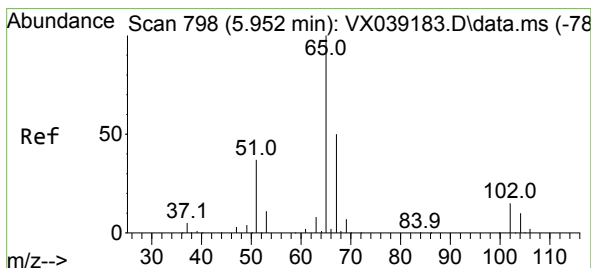
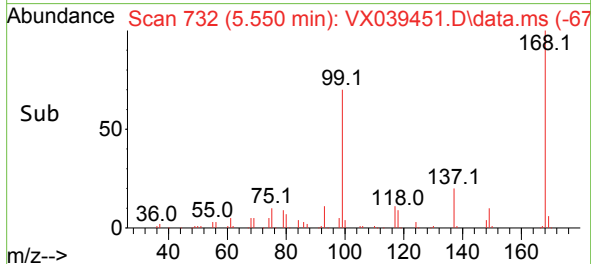
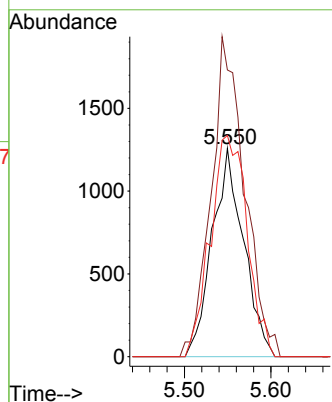


#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Instrument :
MSVOA_X
ClientSampleId :

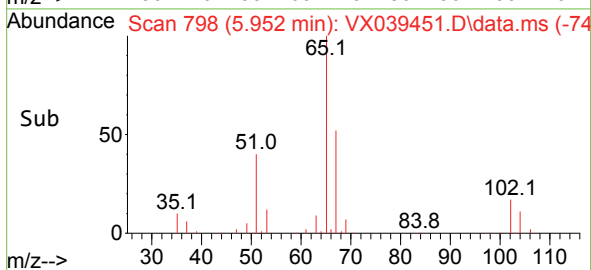
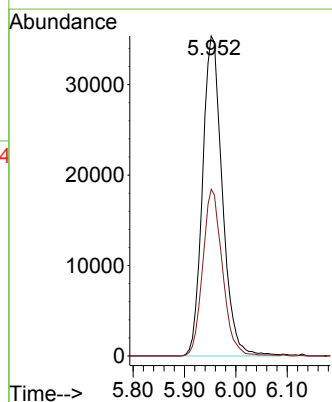
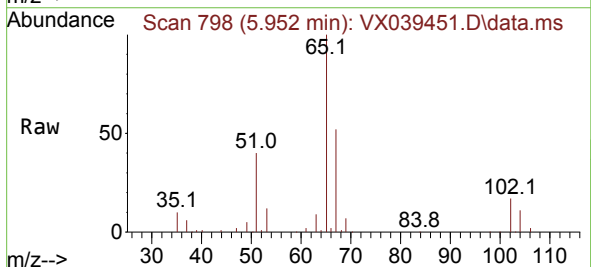


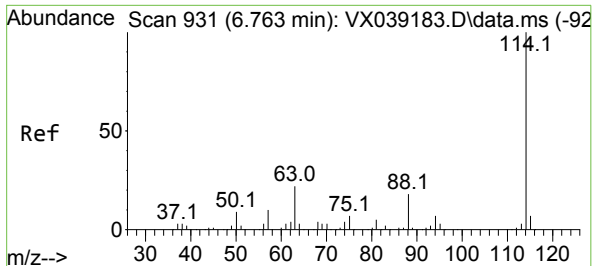
Tgt Ion: 56 Resp: 3166
Ion Ratio Lower Upper
56 100
69 137.7 23.4 35.2#
84 106.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.373 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Tgt Ion: 65 Resp: 94767
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

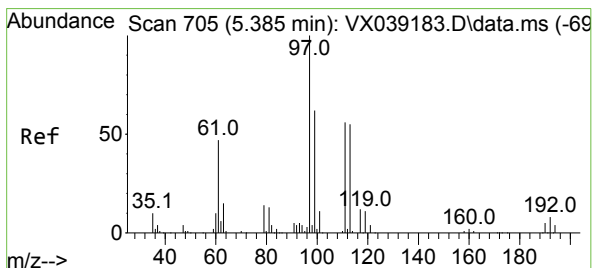
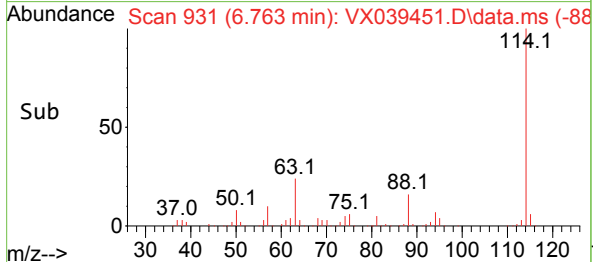
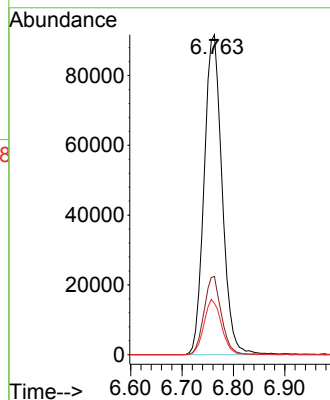
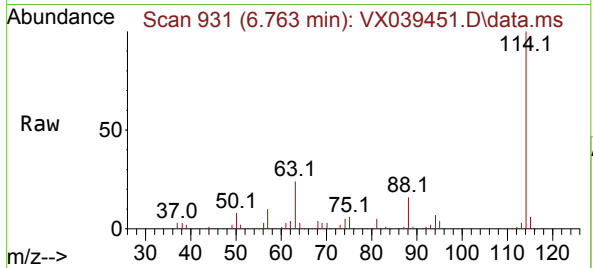




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

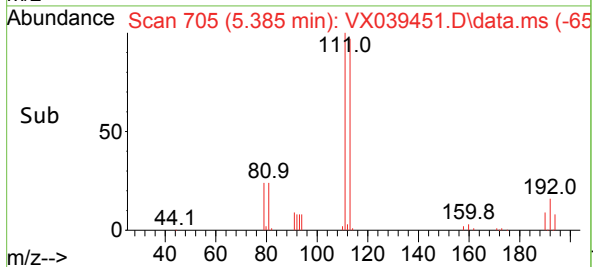
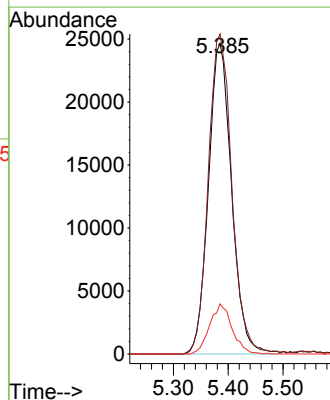
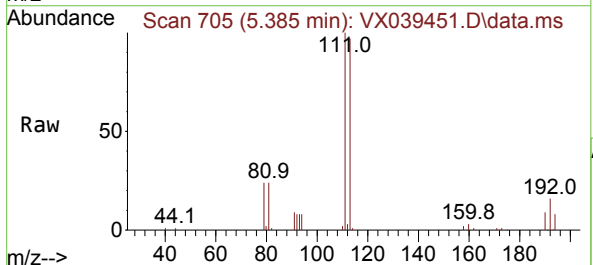
Instrument :
MSVOA_X
ClientSampleId :

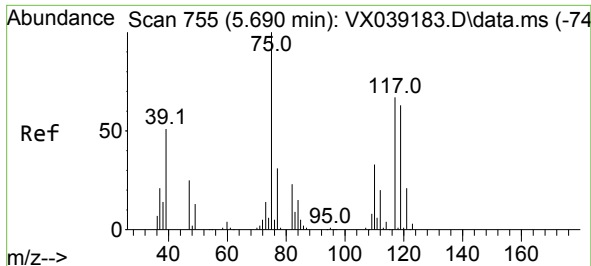
Tgt Ion:114 Resp: 222085
Ion Ratio Lower Upper
114 100
63 24.4 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.159 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

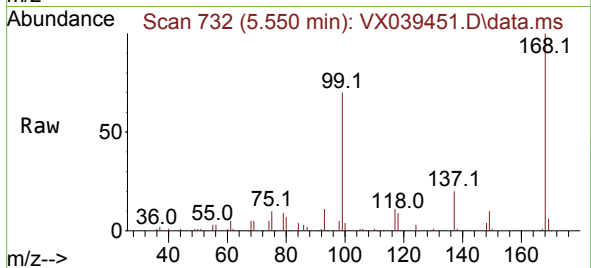
Tgt Ion:113 Resp: 72354
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 15.6 13.3 19.9



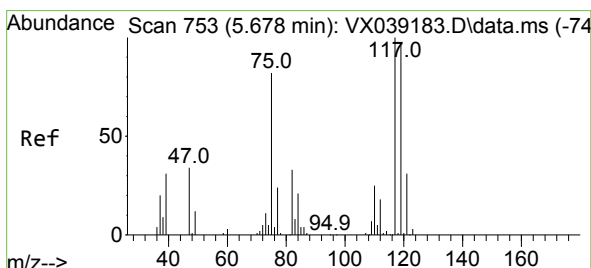
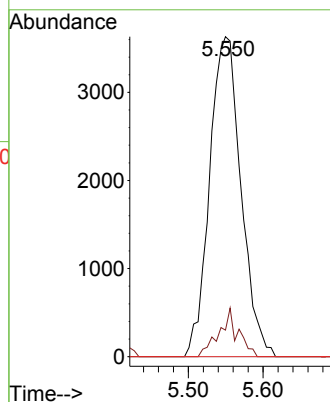
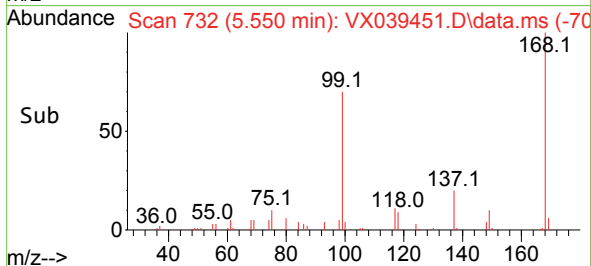


#36
1,1-Dichloropropene
Concen: 4.378 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Instrument :
MSVOA_X
ClientSampleId :

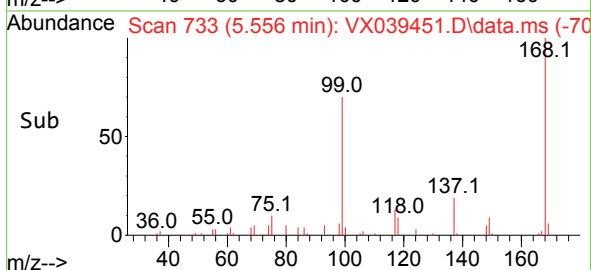
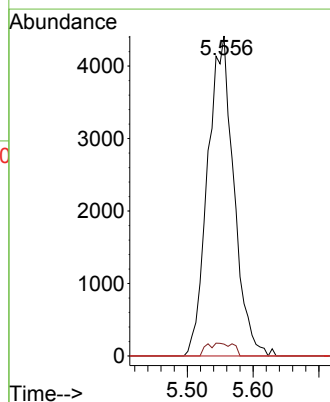
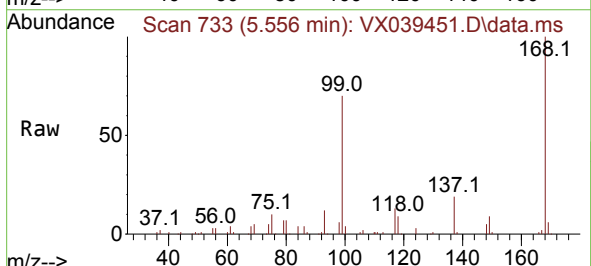


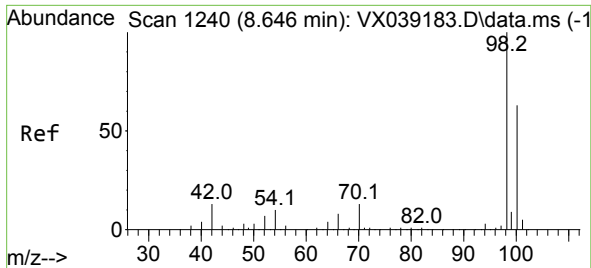
Tgt Ion: 75 Resp: 10600
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.289 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Tgt Ion: 117 Resp: 12221
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

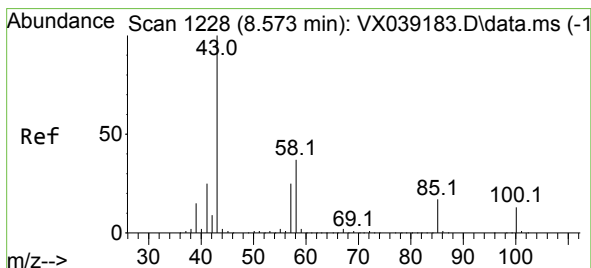
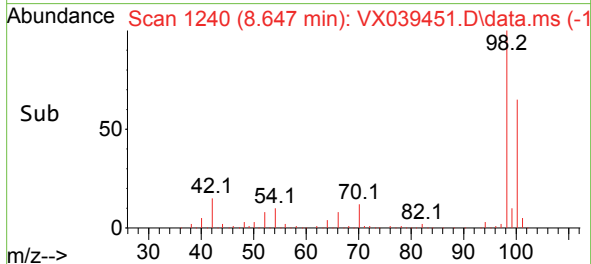
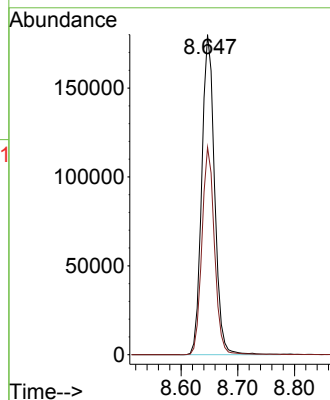
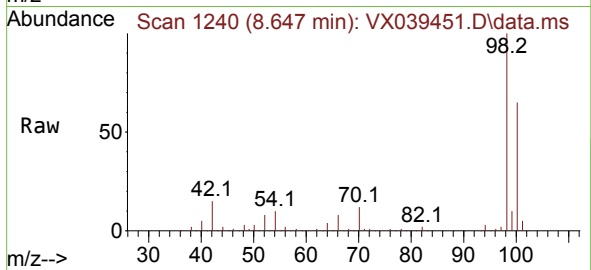




#50
Toluene-d8
Concen: 49.561 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

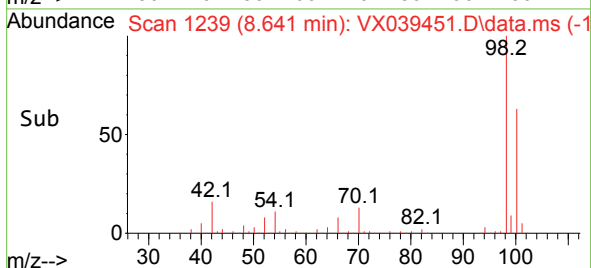
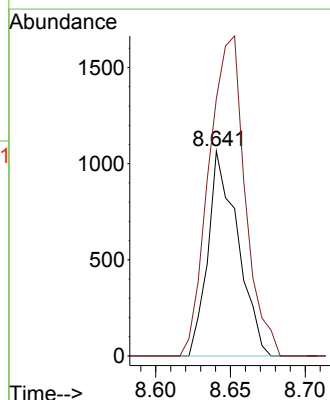
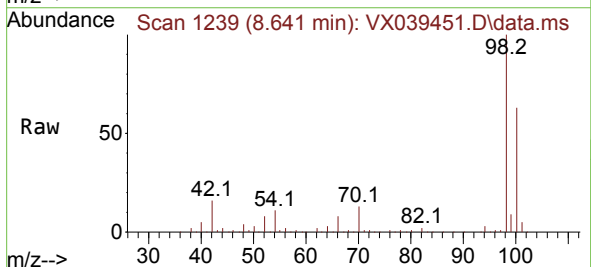
Instrument :
MSVOA_X
ClientSampleId :

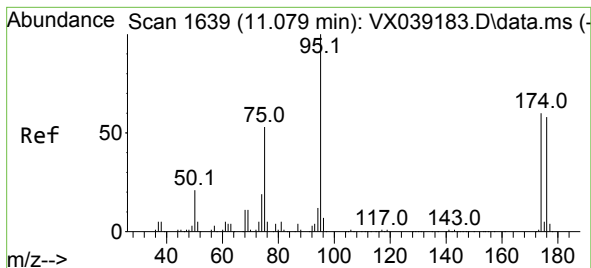
Tgt Ion: 98 Resp: 282303
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.477 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 189.4 30.4 45.6#

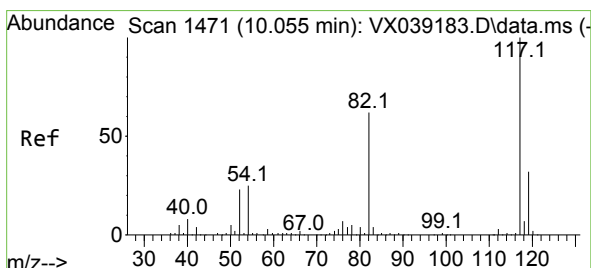
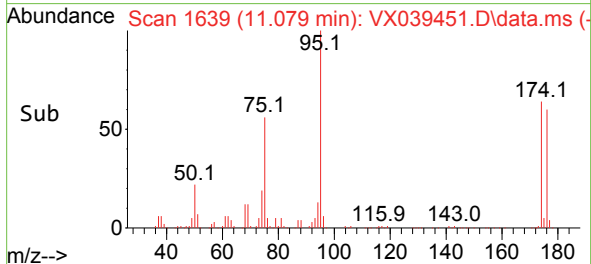
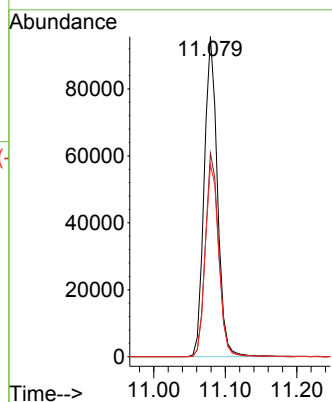
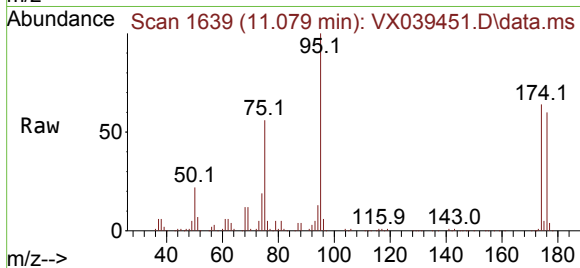




#62
4-Bromofluorobenzene
Concen: 52.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

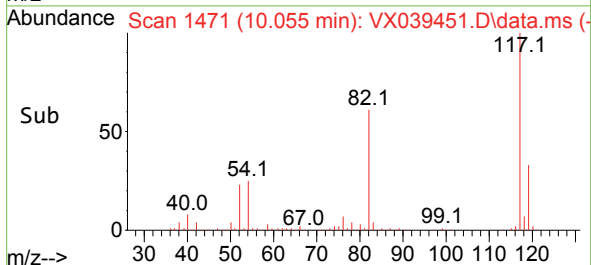
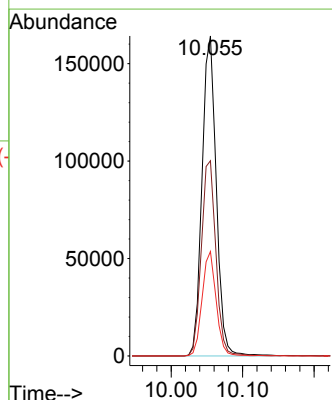
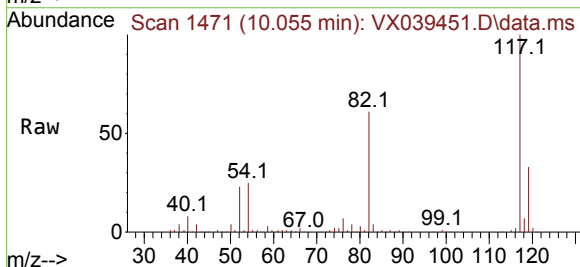
Instrument :
MSVOA_X
ClientSampleId :

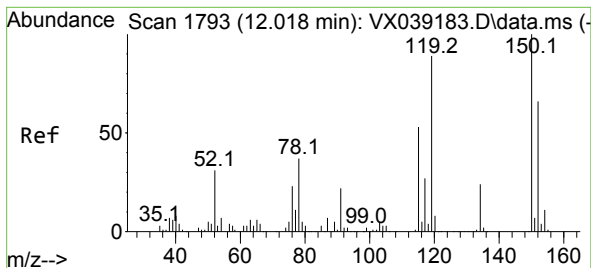
Tgt Ion: 95 Resp: 122791
Ion Ratio Lower Upper
95 100
174 63.9 0.0 135.6
176 61.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039451.D
Acq: 22 Dec 2023 19:30

Tgt Ion: 117 Resp: 227203
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.4
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039451.D

Acq: 22 Dec 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

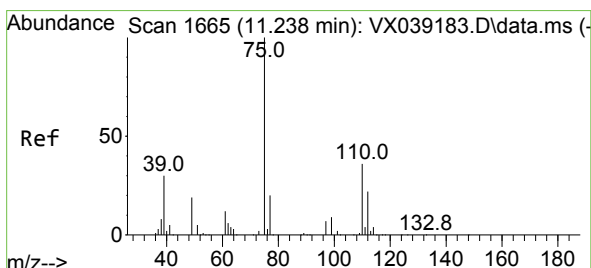
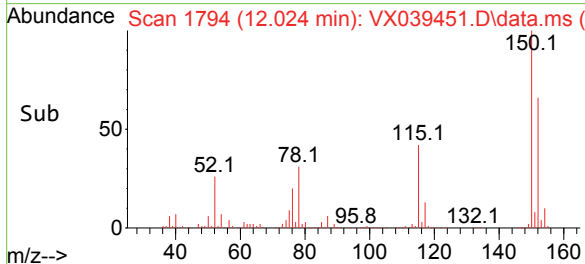
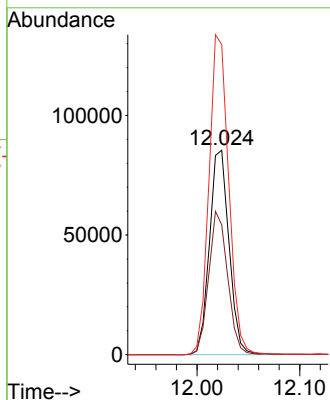
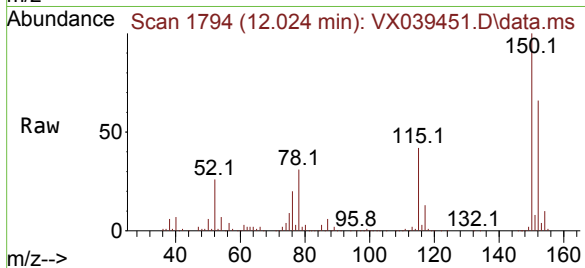
Tgt Ion:152 Resp: 112978

Ion Ratio Lower Upper

152 100

115 68.2 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.415 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039451.D

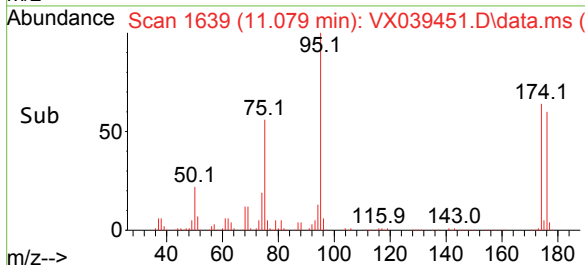
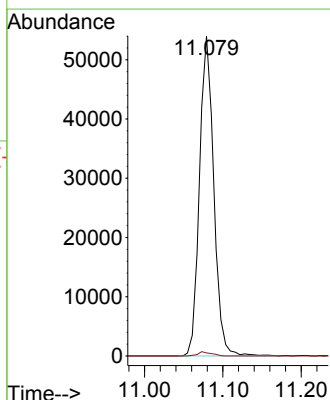
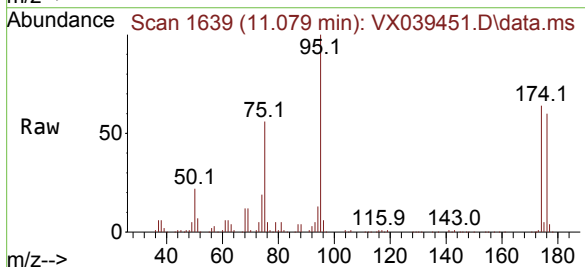
Acq: 22 Dec 2023 19:30

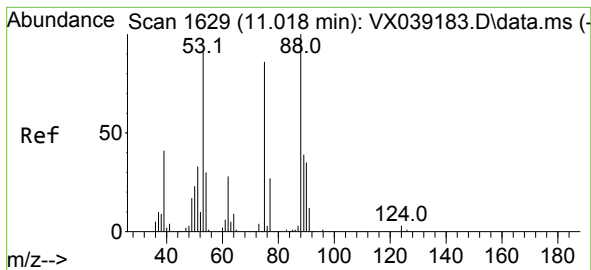
Tgt Ion: 75 Resp: 68440

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.053 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039451.D
 Acq: 22 Dec 2023 19:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 68440
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

