

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039454.D
 Acq On : 22 Dec 2023 20:38
 Operator : JC/MD
 Sample : 05975-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:30:54 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)

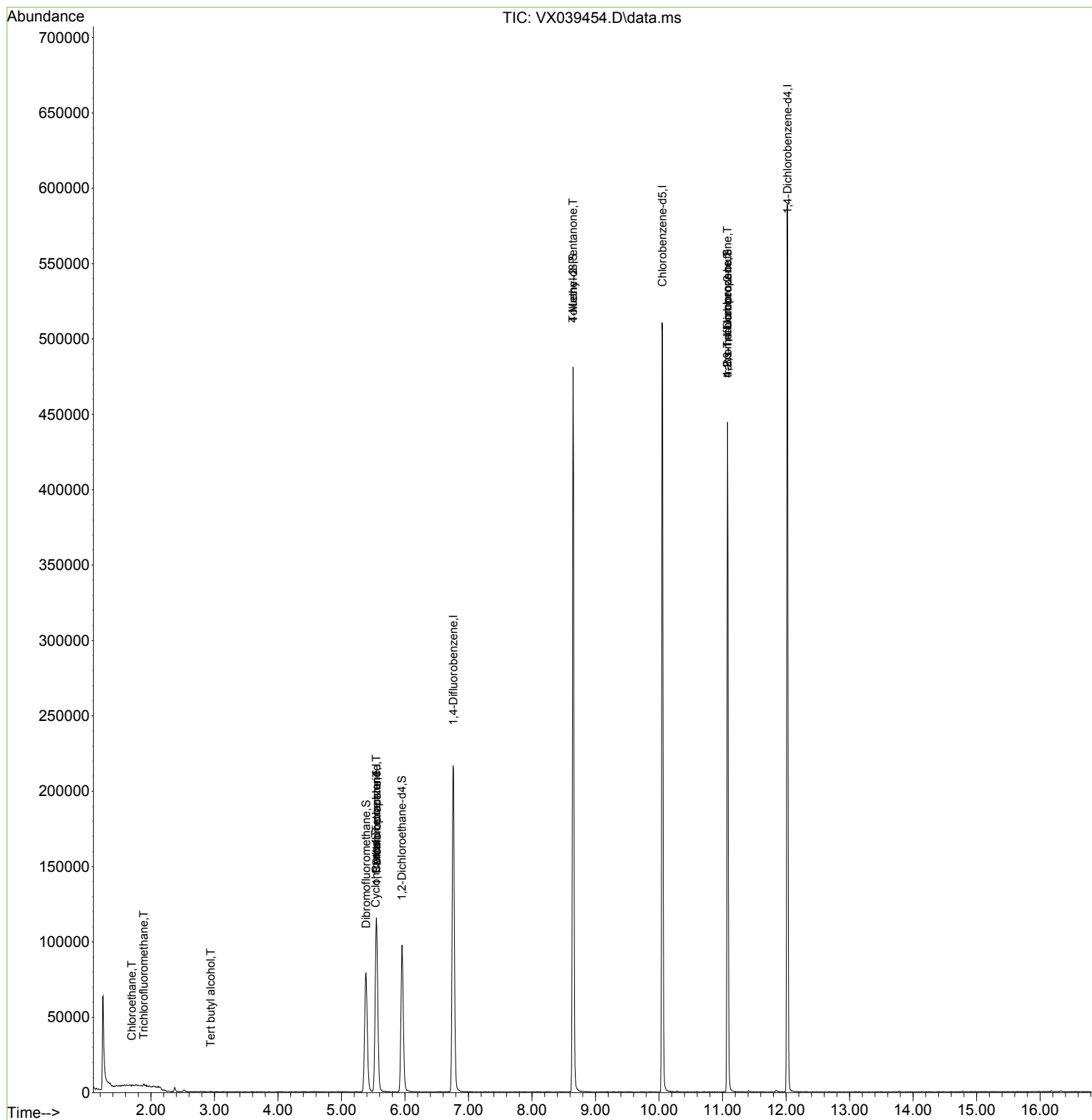
Internal Standards						
1) Pentafluorobenzene	5.550	168	98435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91022	50.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.960%	
35) Dibromofluoromethane	5.385	113	69260	47.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.600%	
50) Toluene-d8	8.647	98	269165	50.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	11.079	95	119448	53.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.640%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	328	0.382	ug/l #	59
7) Trichlorofluoromethane	1.886	101	621	0.297	ug/l #	61
11) Tert butyl alcohol	2.940	59	232	0.512	ug/l #	78
16) Acetone	2.373	43	2538	Below Cal	#	88
31) Cyclohexane	5.538	56	2855	1.226	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	9670	4.229	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11725	5.374	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1447	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	65764	22.916	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	65764	64.645	ug/l #	5

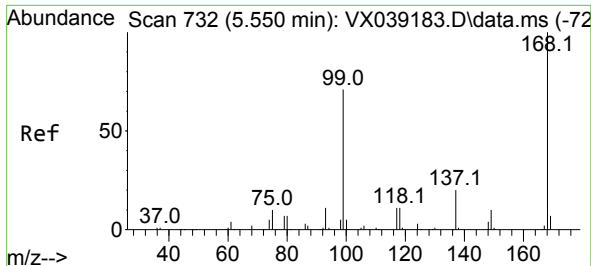
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
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ClientSampleId :

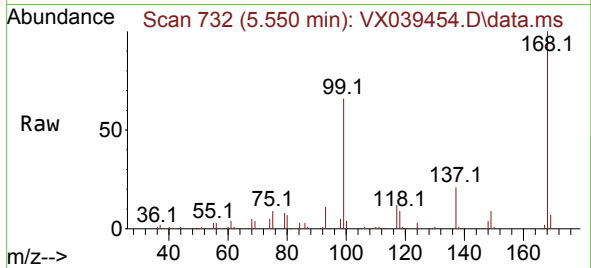
Quant Time: Dec 23 06:30:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



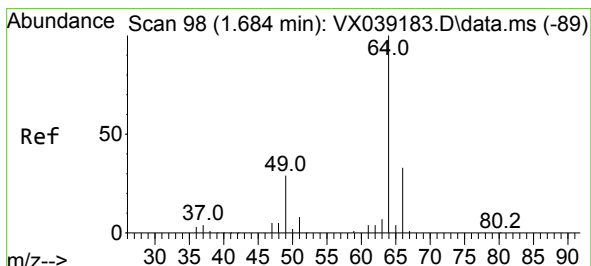
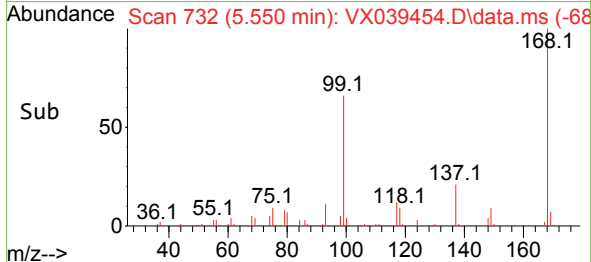
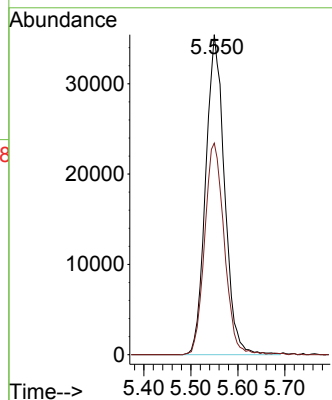


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :

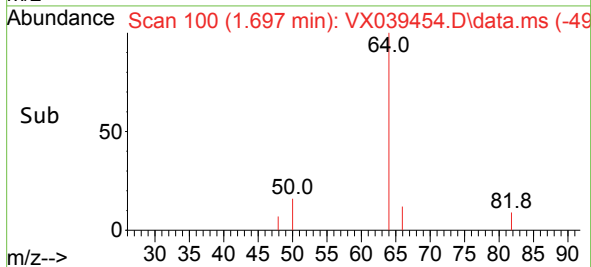
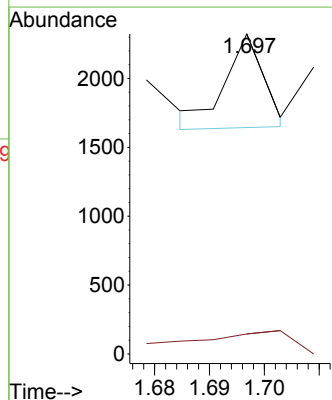
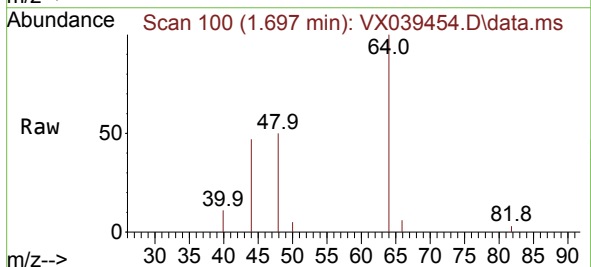


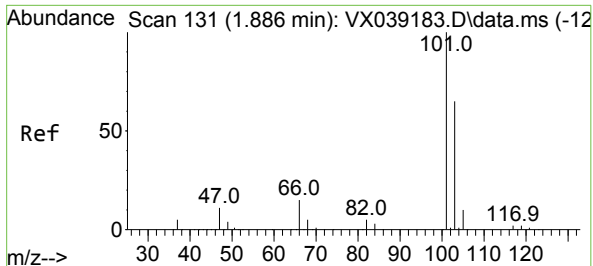
Tgt Ion:168 Resp: 98435
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#6
Chloroethane
Concen: 0.382 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

Tgt Ion: 64 Resp: 328
Ion Ratio Lower Upper
64 100
66 8.6 25.1 37.7#

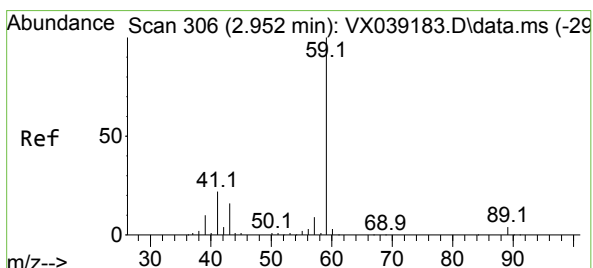
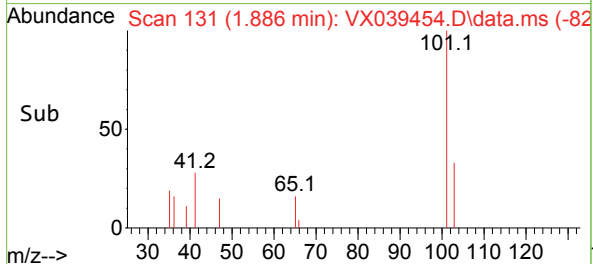
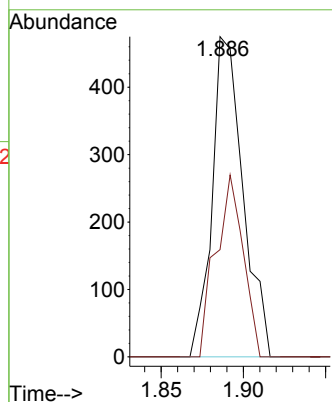
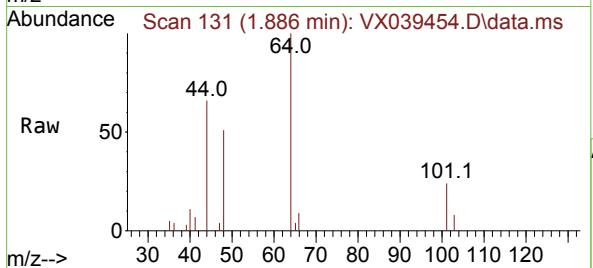




#7
 Trichlorofluoromethane
 Concen: 0.297 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039454.D
 Acq: 22 Dec 2023 20:38

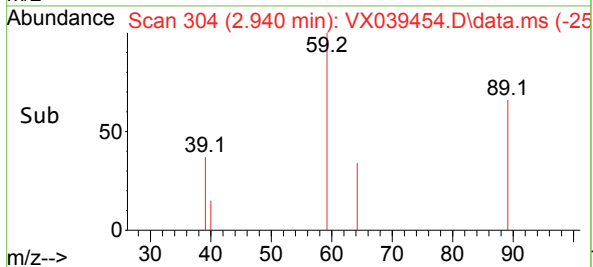
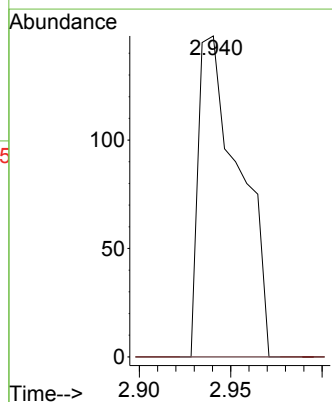
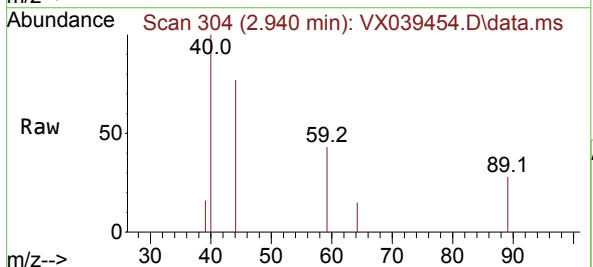
Instrument :
 MSVOA_X
 ClientSampleId :

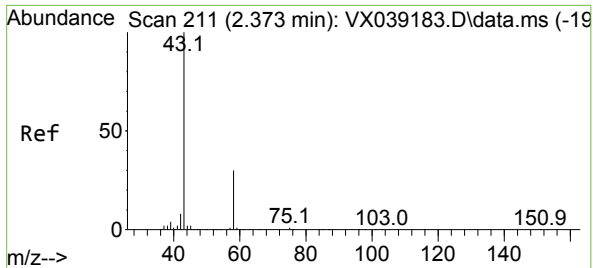
Tgt Ion:101 Resp: 621
 Ion Ratio Lower Upper
 101 100
 103 33.5 51.4 77.2#



#11
 Tert butyl alcohol
 Concen: 0.512 ug/l
 RT: 2.940 min Scan# 304
 Delta R.T. -0.012 min
 Lab File: VX039454.D
 Acq: 22 Dec 2023 20:38

Tgt Ion: 59 Resp: 232
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#

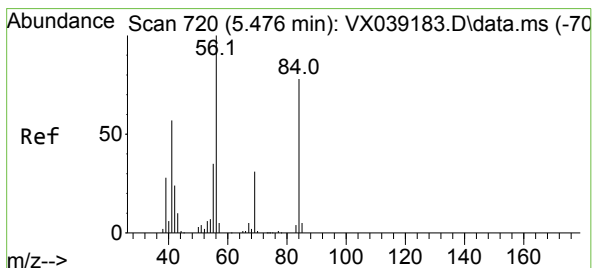
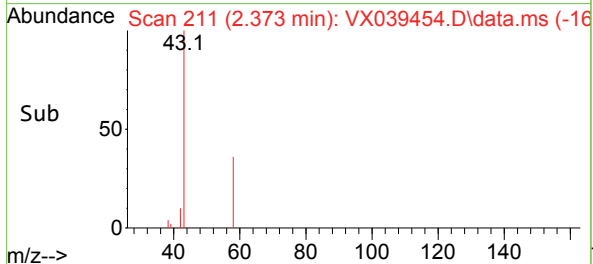
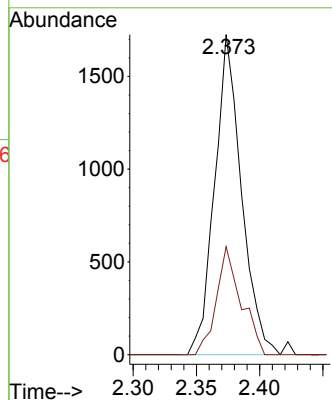
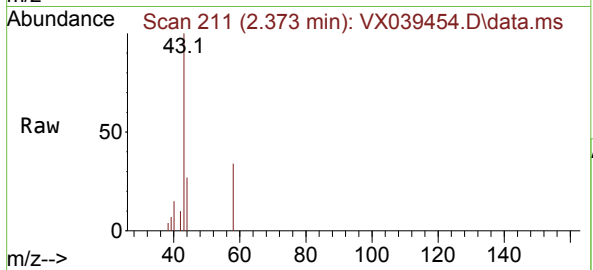




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

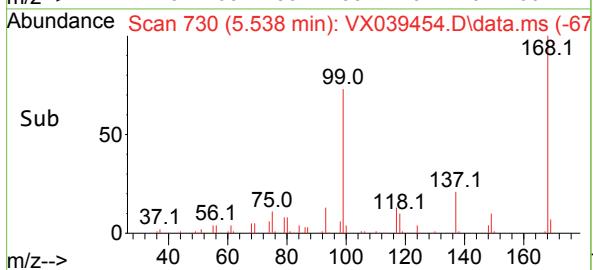
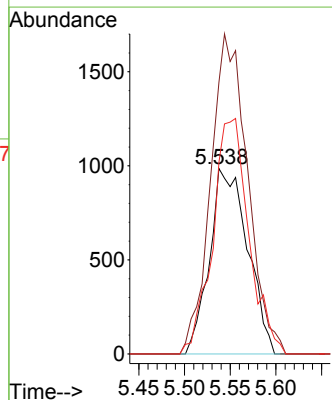
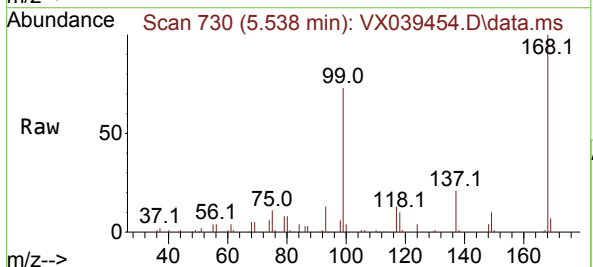
Instrument :
MSVOA_X
ClientSampleId :

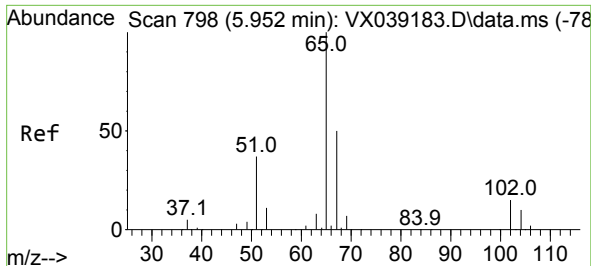
Tgt Ion: 43 Resp: 2538
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.061 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

Tgt Ion: 56 Resp: 2855
Ion Ratio Lower Upper
56 100
69 146.3 23.4 35.2#
84 103.2 65.9 98.9#

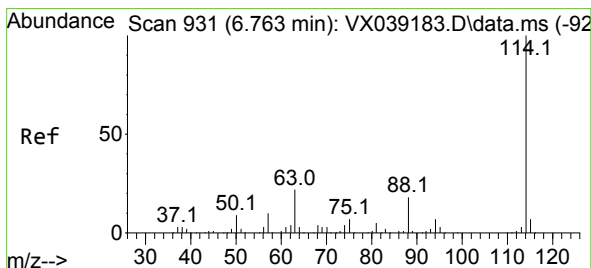
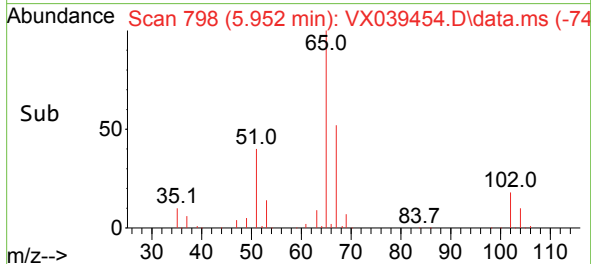
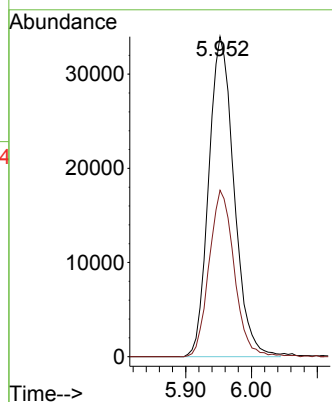
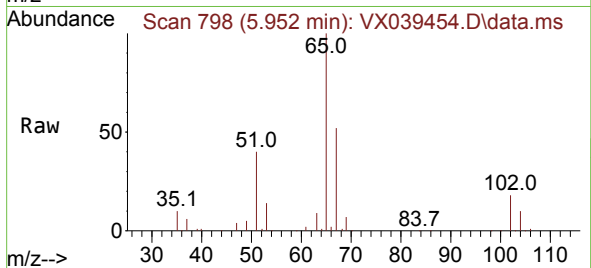




#33
1,2-Dichloroethane-d4
Concen: 50.476 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

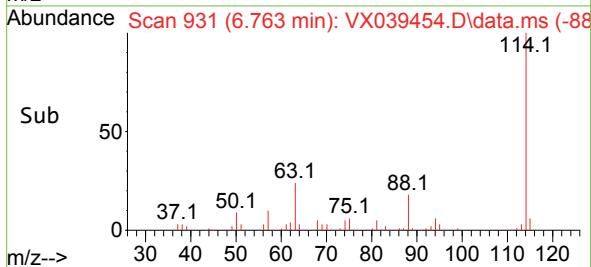
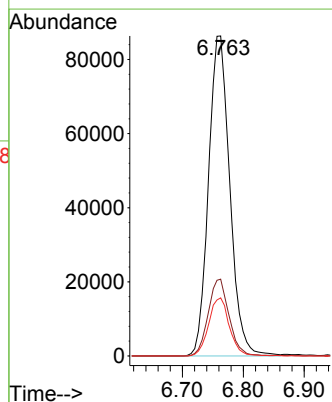
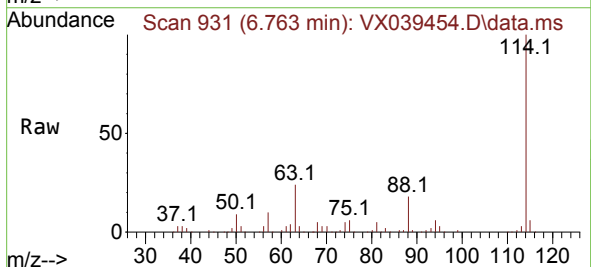
Instrument :
MSVOA_X
ClientSampleId :

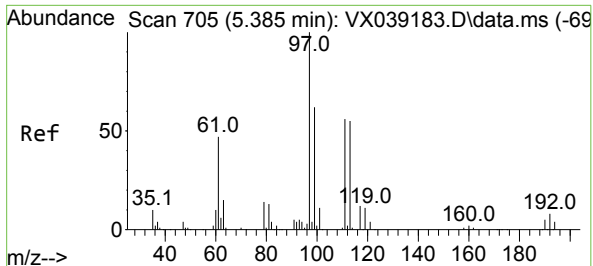
Tgt Ion: 65 Resp: 91022
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

Tgt Ion: 114 Resp: 209731
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.0
88 18.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.801 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

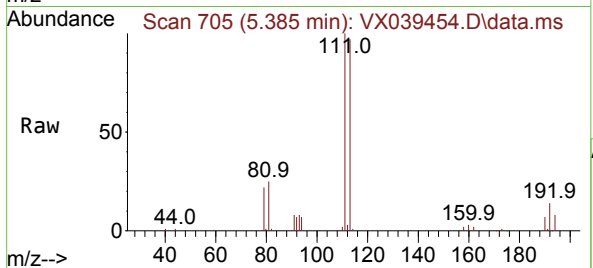
Lab File: VX039454.D

Acq: 22 Dec 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :



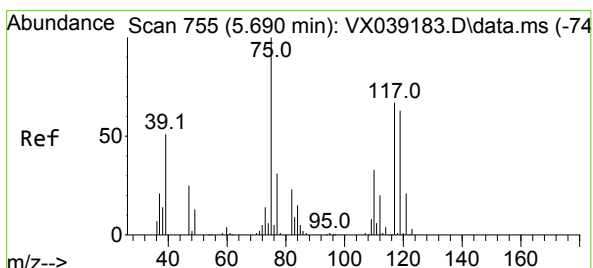
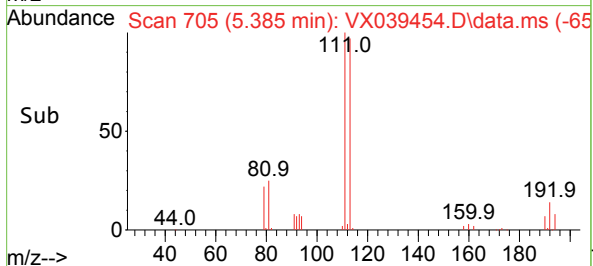
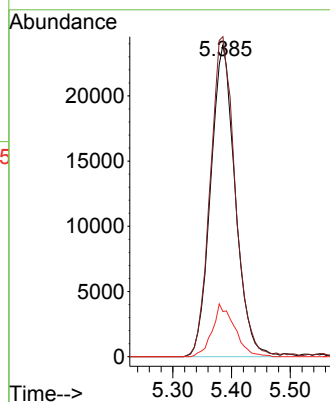
Tgt Ion:113 Resp: 69260

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

192 15.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.229 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX039454.D

Acq: 22 Dec 2023 20:38

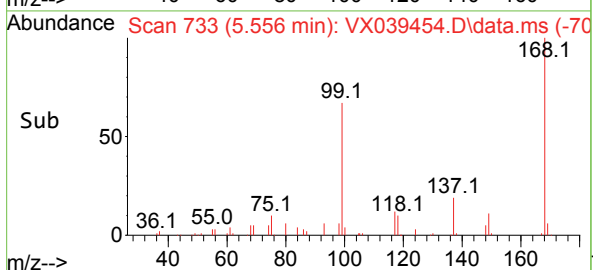
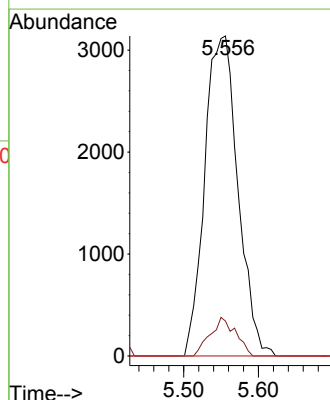
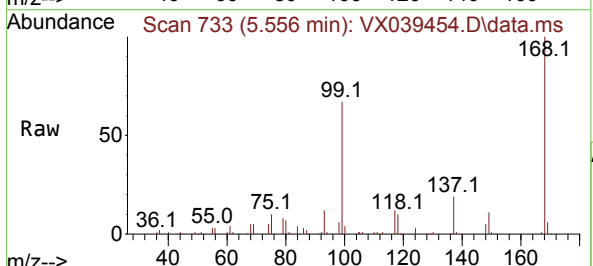
Tgt Ion: 75 Resp: 9670

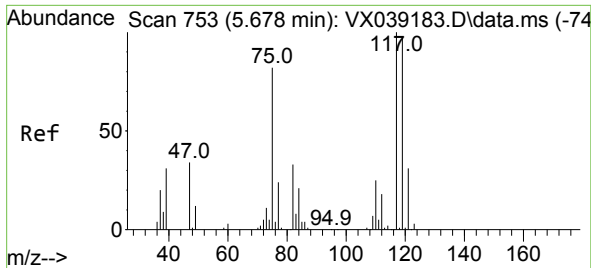
Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

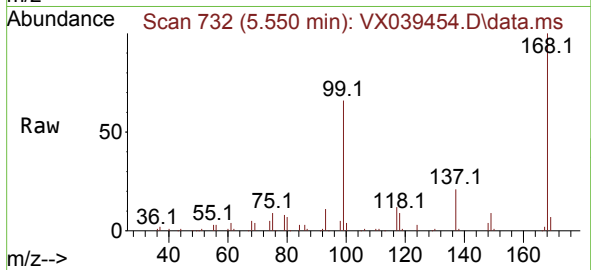
77 0.0 24.7 37.1#



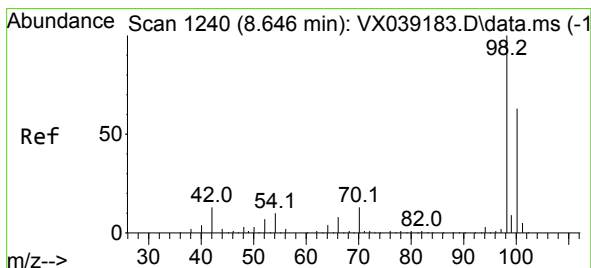
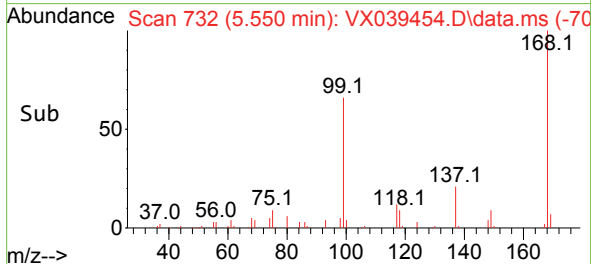
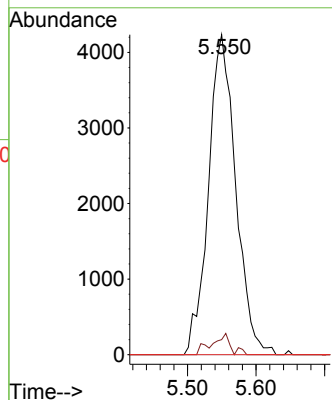


#38
Carbon Tetrachloride
Concen: 5.374 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :

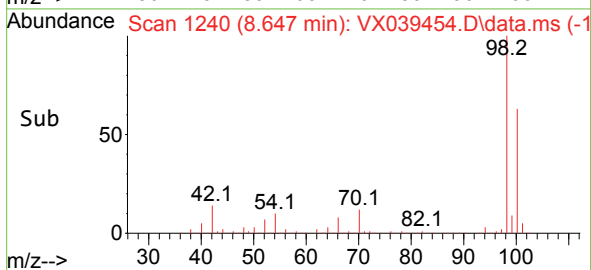
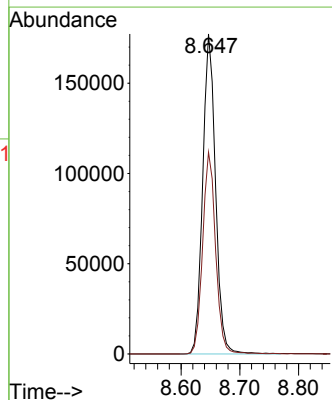
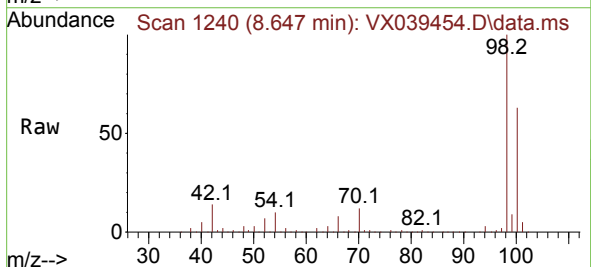


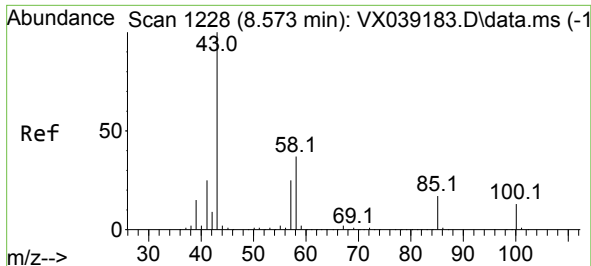
Tgt Ion:117 Resp: 11725
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.038 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

Tgt Ion: 98 Resp: 269165
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

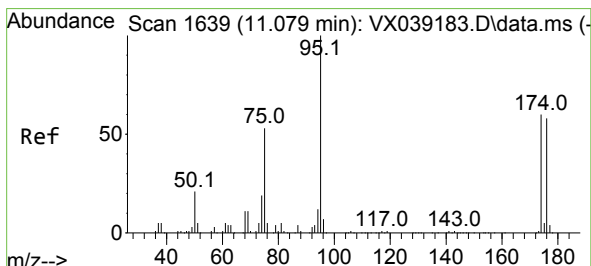
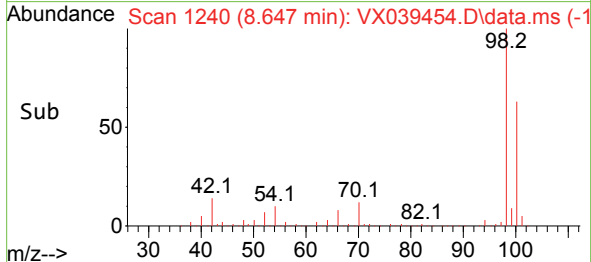
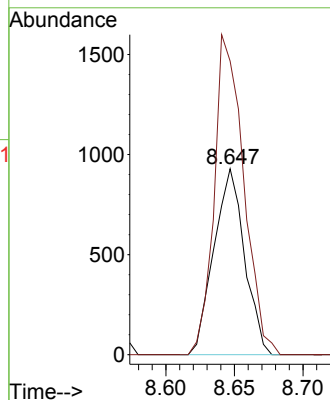
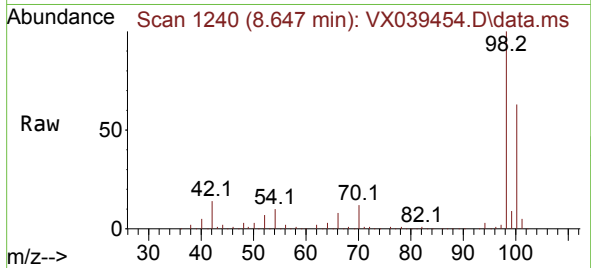




#51
4-Methyl-2-Pentanone
Concen: 0.494 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

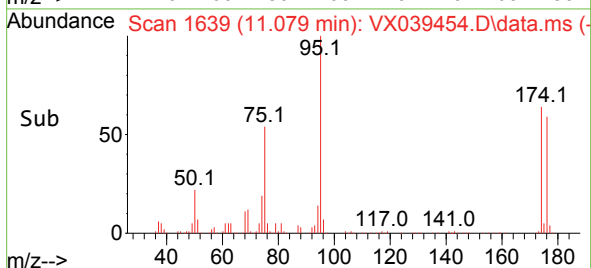
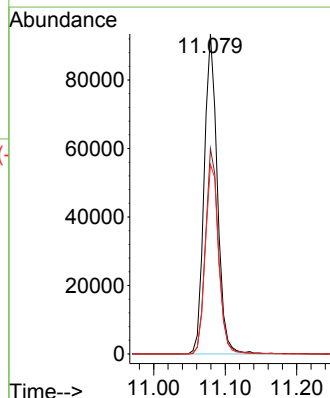
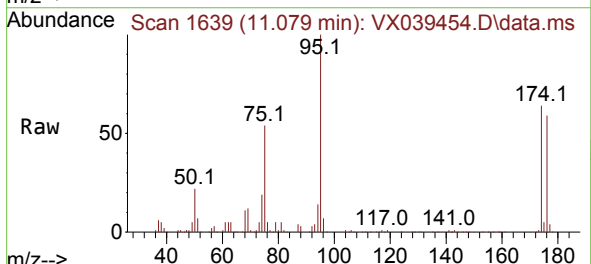
Instrument :
MSVOA_X
ClientSampleId :

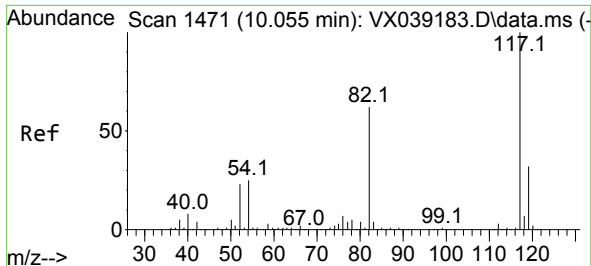
Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
58 165.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 53.819 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

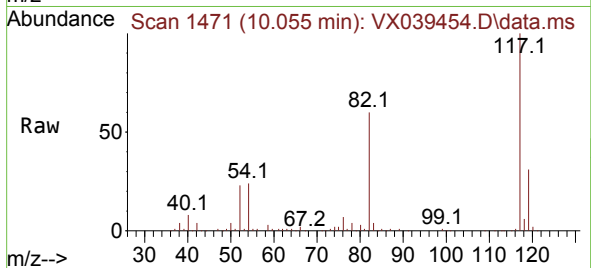
Tgt Ion: 95 Resp: 119448
Ion Ratio Lower Upper
95 100
174 63.6 0.0 135.6
176 60.6 0.0 131.0



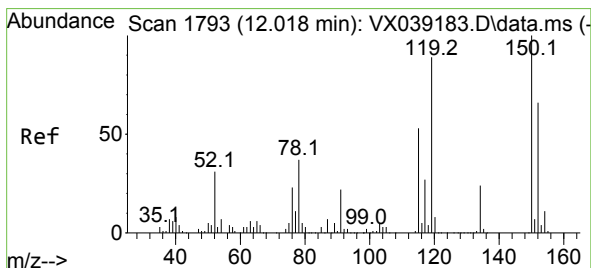
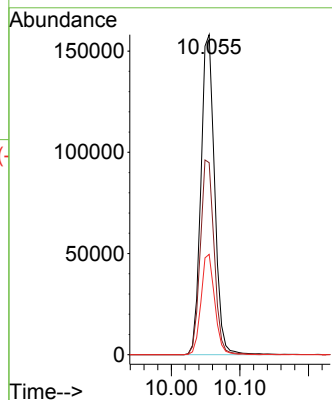
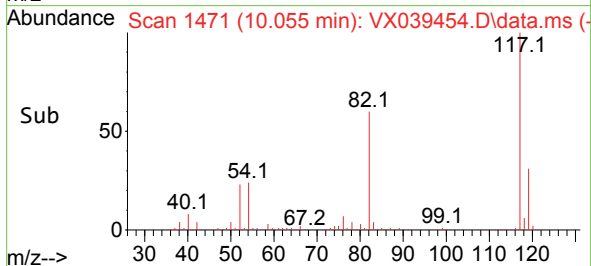


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38

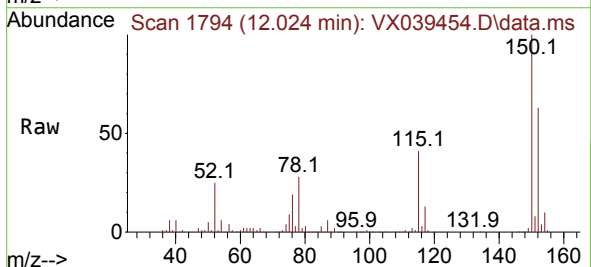
Instrument :
MSVOA_X
ClientSampleId :



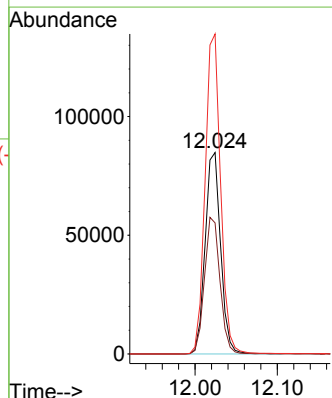
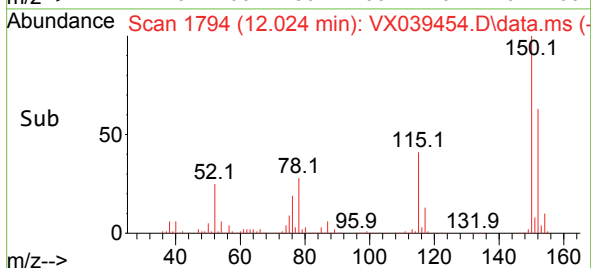
Tgt Ion:117 Resp: 220475
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 31.4 25.5 38.3

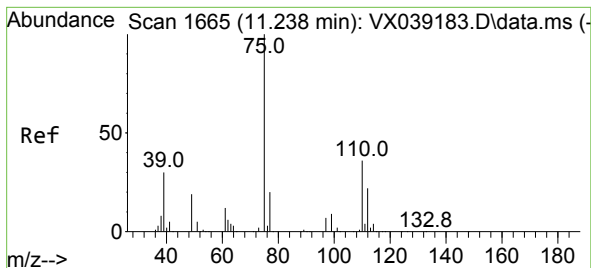


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039454.D
Acq: 22 Dec 2023 20:38



Tgt Ion:152 Resp: 110925
Ion Ratio Lower Upper
152 100
115 67.9 43.3 129.9
150 159.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.916 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039454.D

Acq: 22 Dec 2023 20:38

Instrument :

MSVOA_X

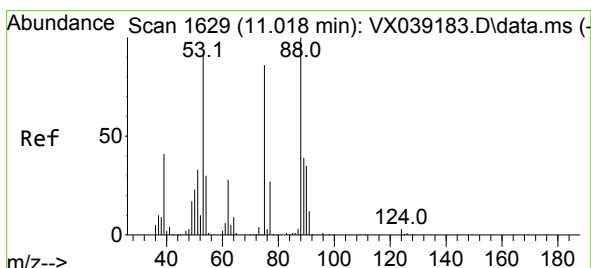
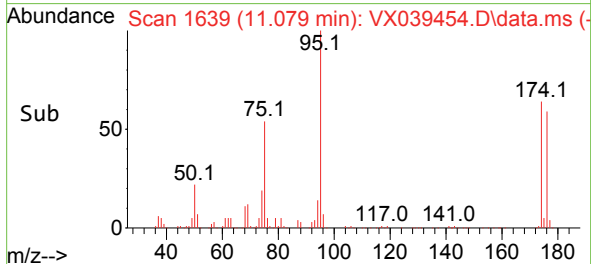
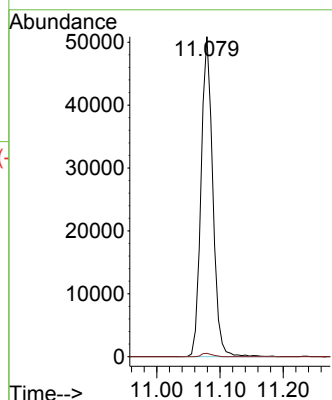
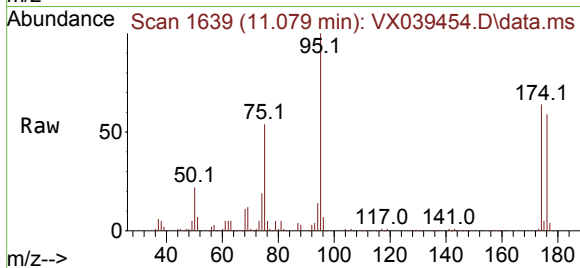
ClientSampleId :

Tgt Ion: 75 Resp: 65764

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.645 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039454.D

Acq: 22 Dec 2023 20:38

Tgt Ion: 75 Resp: 65764

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

