

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039441.D
 Acq On : 22 Dec 2023 15:41
 Operator : JC/MD
 Sample : 05966-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:26:15 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)

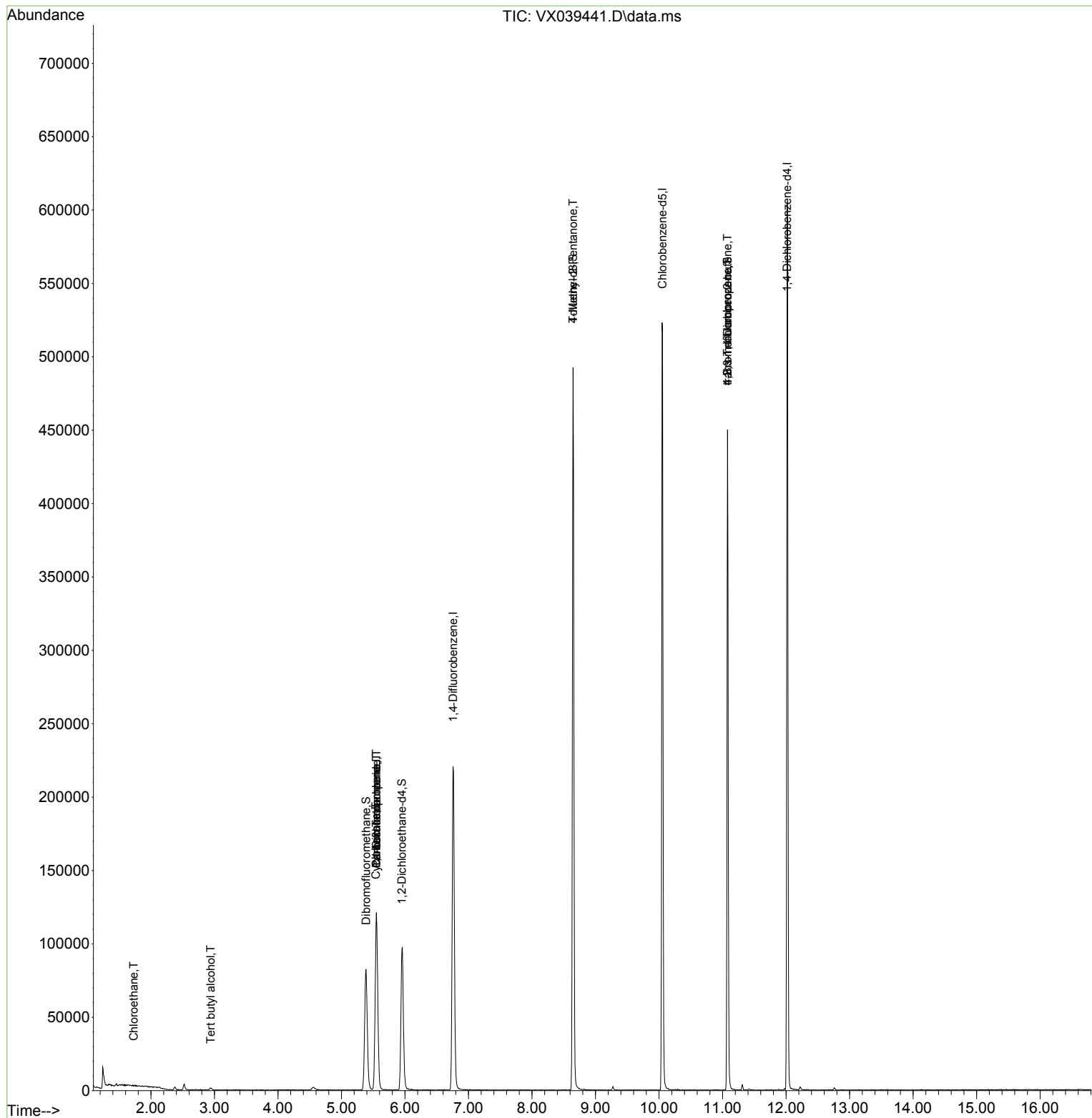
Internal Standards						
1) Pentafluorobenzene	5.550	168	101352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94524	50.910	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.820%		
35) Dibromofluoromethane	5.385	113	72012	48.251	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.500%		
50) Toluene-d8	8.647	98	279926	50.521	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.040%		
62) 4-Bromofluorobenzene	11.079	95	122345	53.517	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.040%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.727	64	1295	1.463	ug/l #	43
11) Tert butyl alcohol	2.940	59	985	2.113	ug/l #	78
16) Acetone	2.380	43	2224	Below Cal		92
31) Cyclohexane	5.544	56	2913	1.215	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10363	4.400	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11915	5.301	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1536	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68075	23.033	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68075	64.975	ug/l #	5

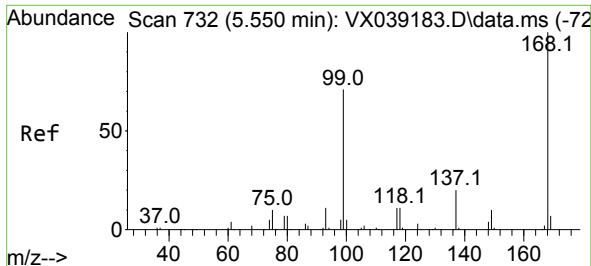
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

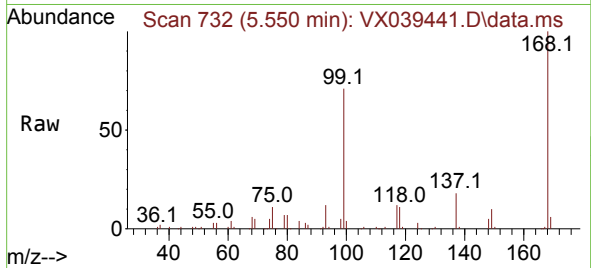
Quant Time: Dec 23 06:26:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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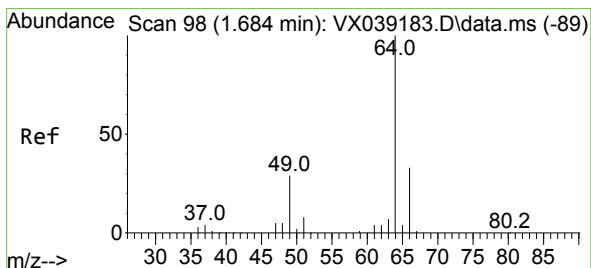
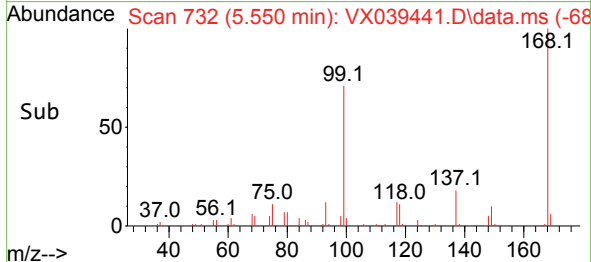
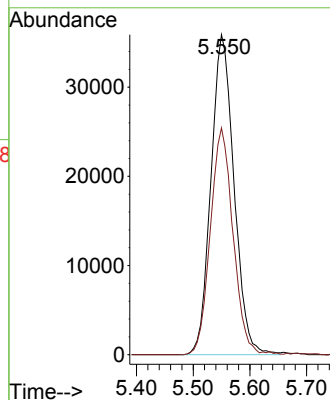


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

Instrument :
MSVOA_X
ClientSampleId :

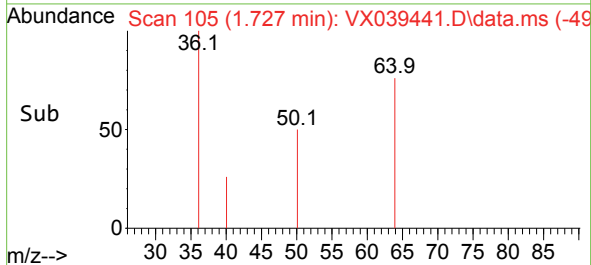
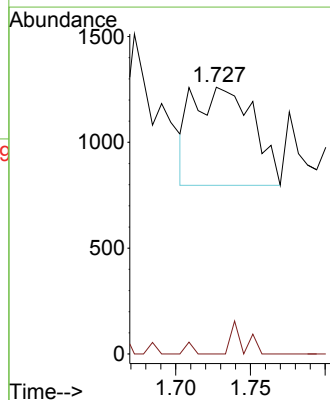
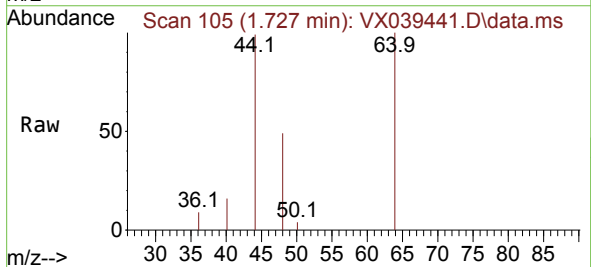


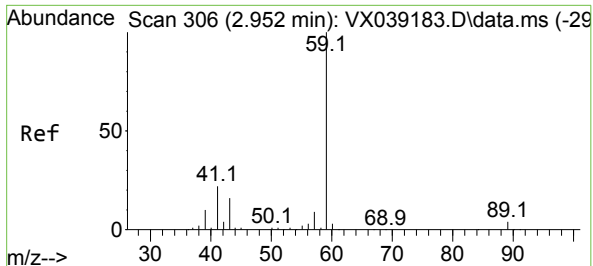
Tgt Ion:168 Resp: 101352
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#6
Chloroethane
Concen: 1.463 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.043 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

Tgt Ion: 64 Resp: 1295
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 2.113 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

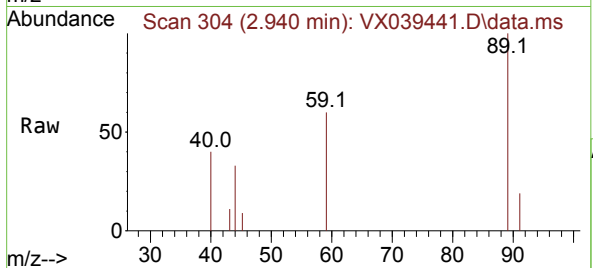
Lab File: VX039441.D

Acq: 22 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

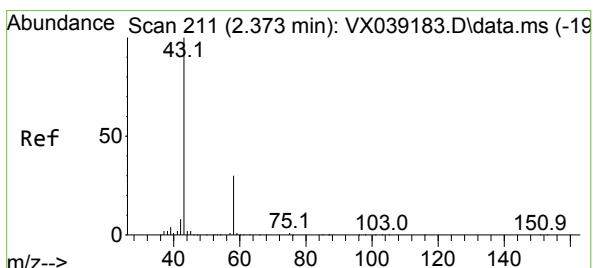
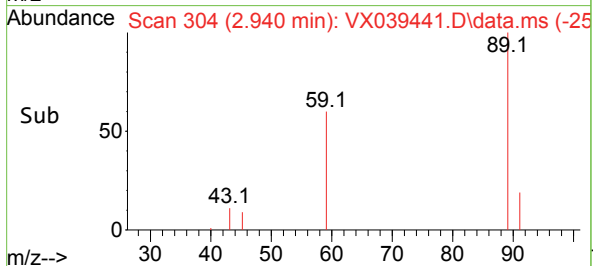
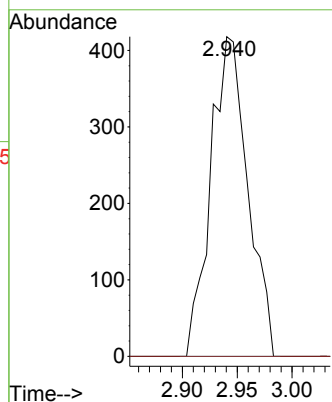


Tgt Ion: 59 Resp: 985

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX039441.D

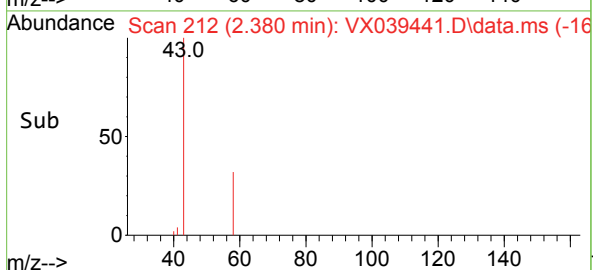
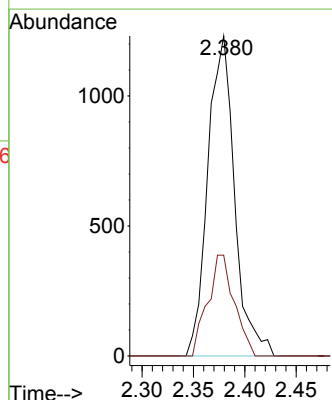
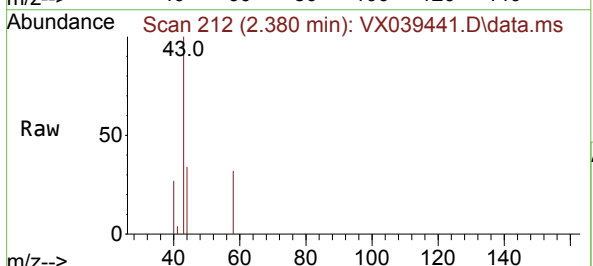
Acq: 22 Dec 2023 15:41

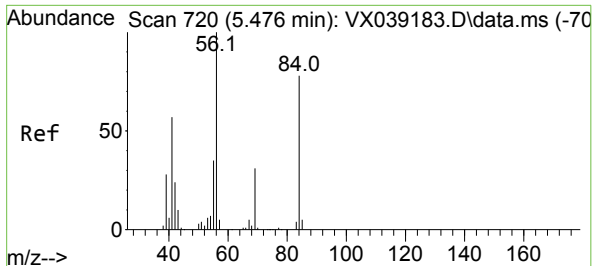
Tgt Ion: 43 Resp: 2224

Ion Ratio Lower Upper

43 100

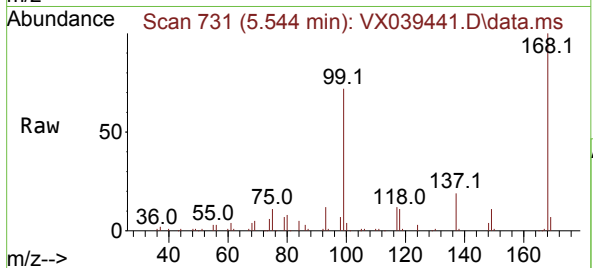
58 31.5 21.9 32.9



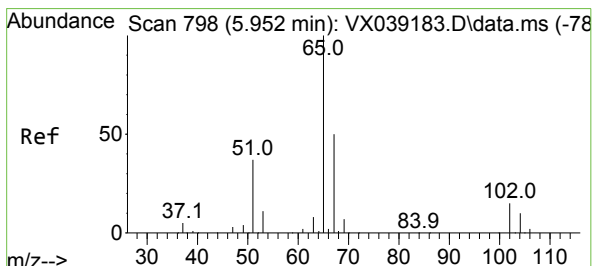
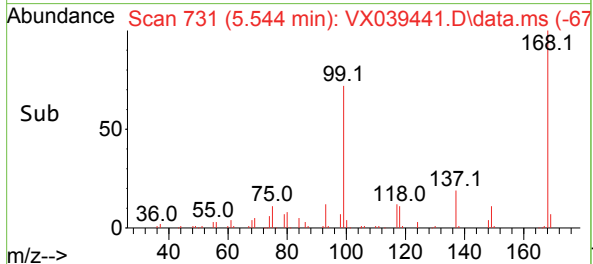
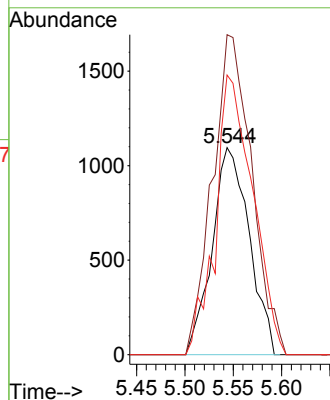


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

Instrument :
MSVOA_X
ClientSampleId :

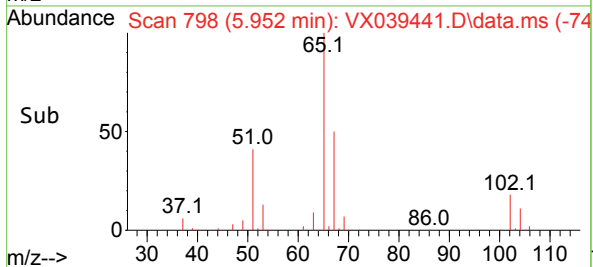
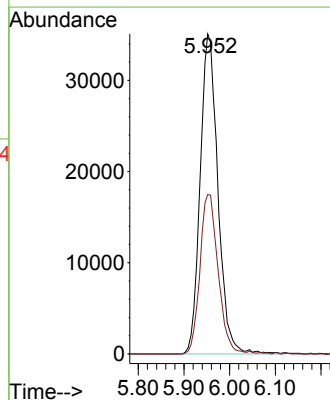
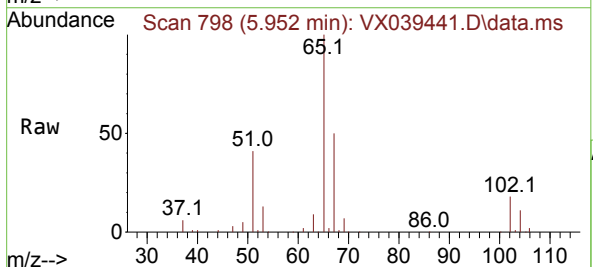


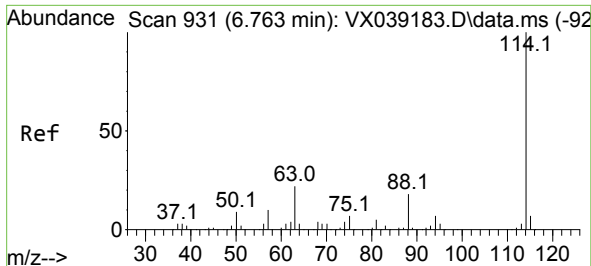
Tgt Ion: 56 Resp: 2913
Ion Ratio Lower Upper
56 100
69 154.6 23.4 35.2#
84 135.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.910 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

Tgt Ion: 65 Resp: 94524
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

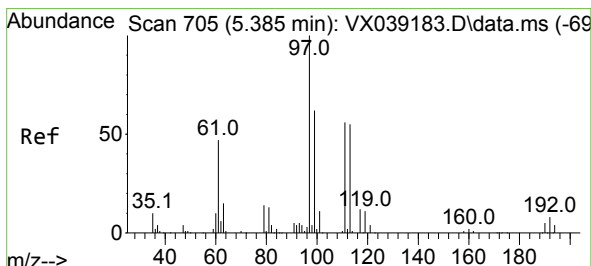
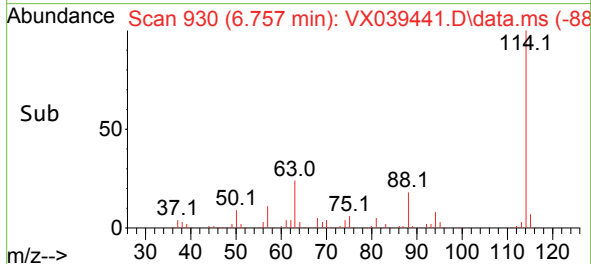
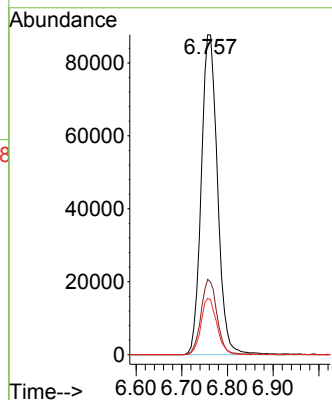
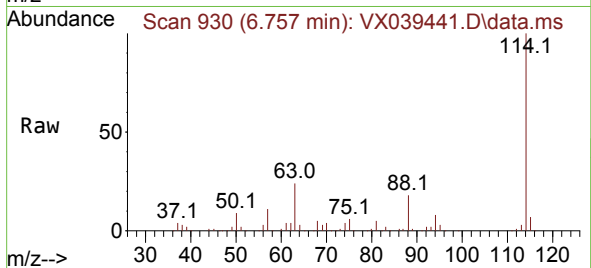




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

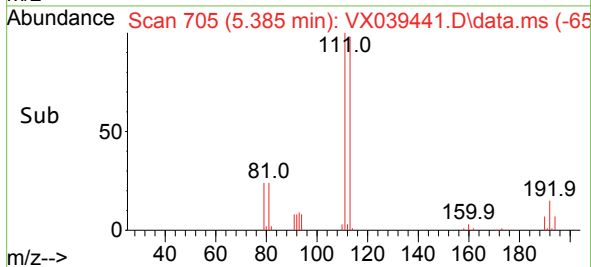
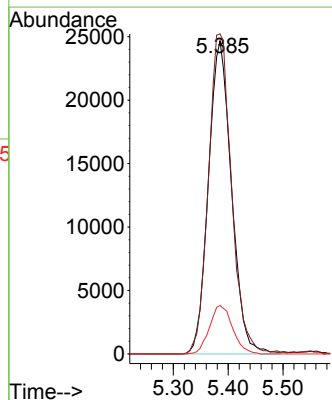
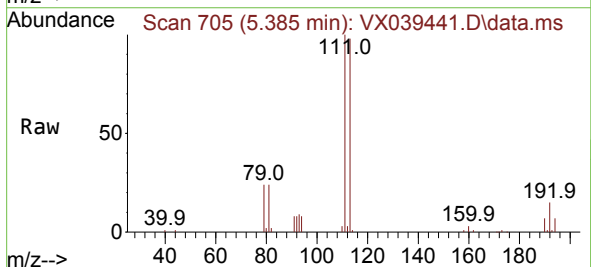
Instrument :
MSVOA_X
ClientSampleId :

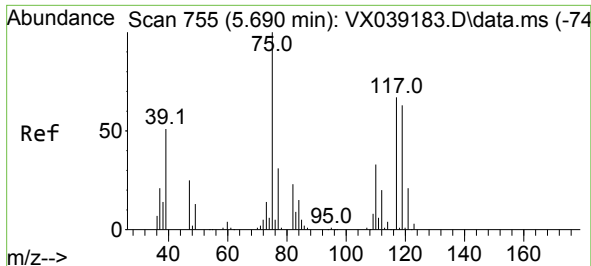
Tgt Ion:114 Resp: 216033
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.251 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

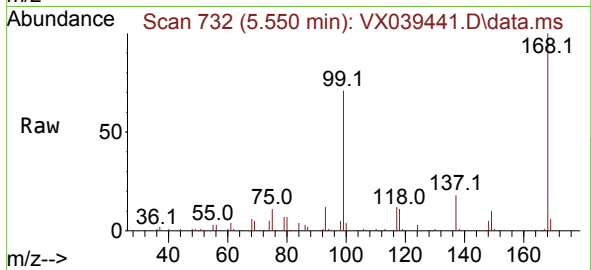
Tgt Ion:113 Resp: 72012
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 15.5 13.3 19.9



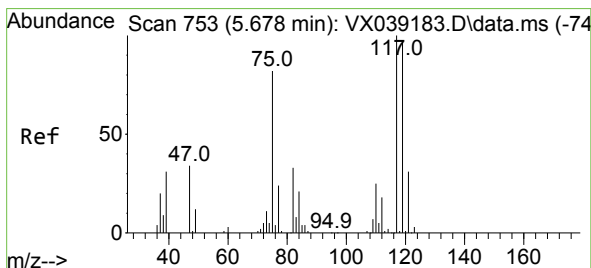
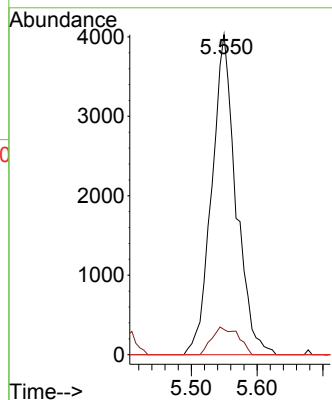
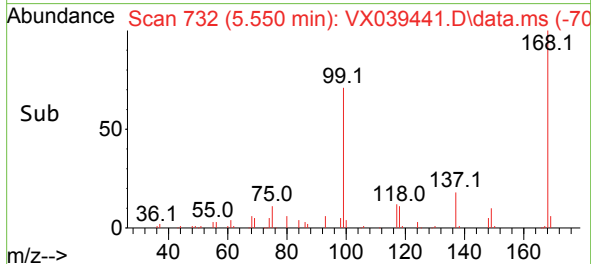


#36
 1,1-Dichloropropene
 Concen: 4.400 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX039441.D
 Acq: 22 Dec 2023 15:41

Instrument :
 MSVOA_X
 ClientSampleId :

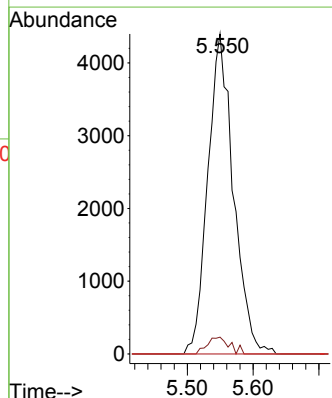
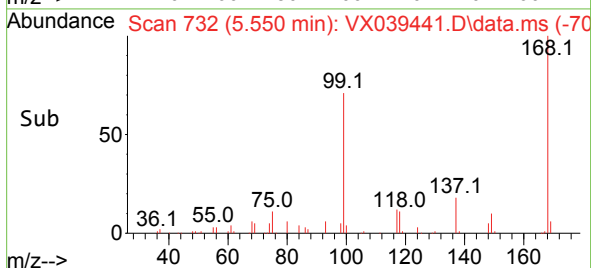
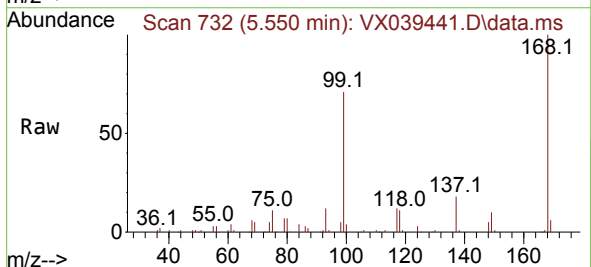


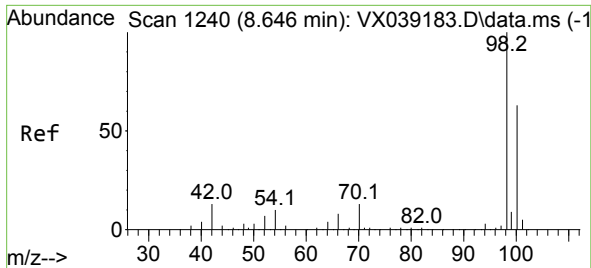
Tgt Ion: 75 Resp: 10363
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.301 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX039441.D
 Acq: 22 Dec 2023 15:41

Tgt Ion: 117 Resp: 11915
 Ion Ratio Lower Upper
 117 100
 119 5.3 78.2 117.2#
 121 0.0 24.4 36.6#

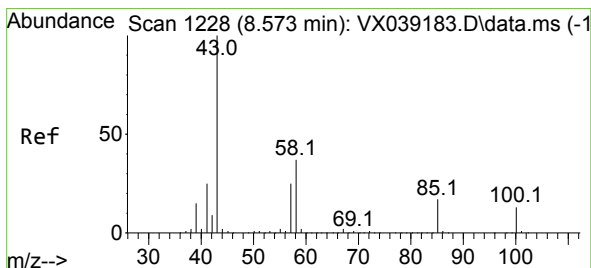
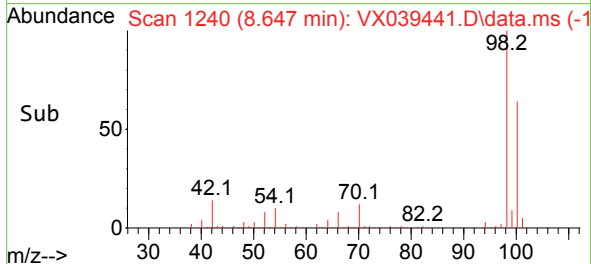
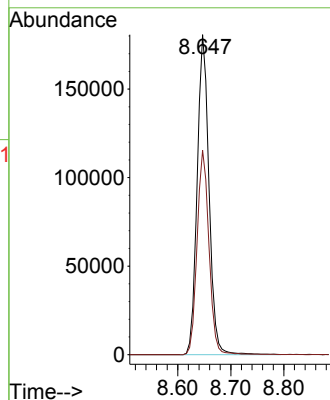
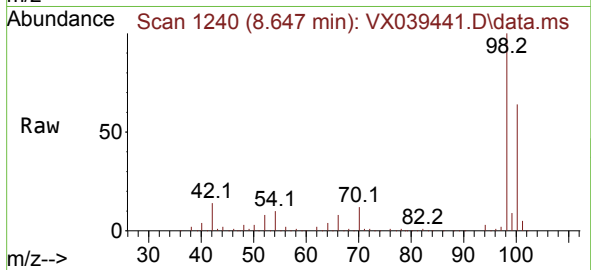




#50
Toluene-d8
Concen: 50.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

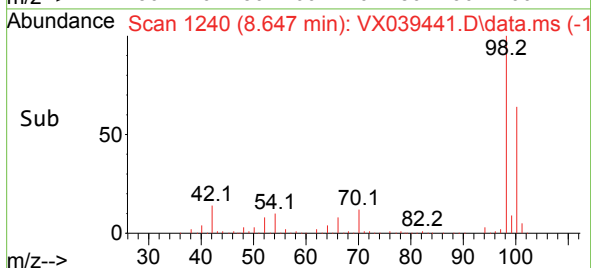
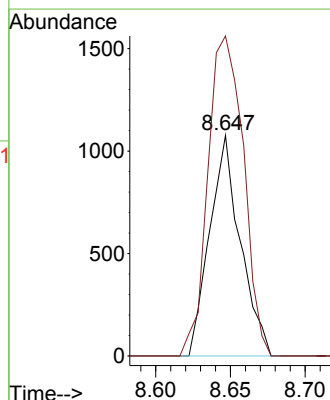
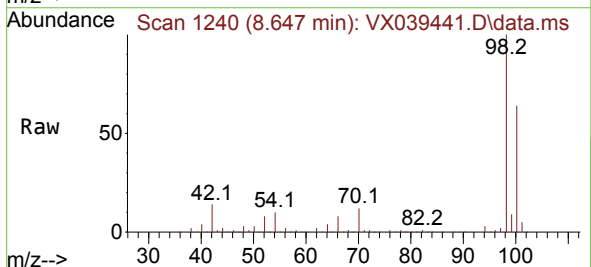
Instrument :
MSVOA_X
ClientSampleId :

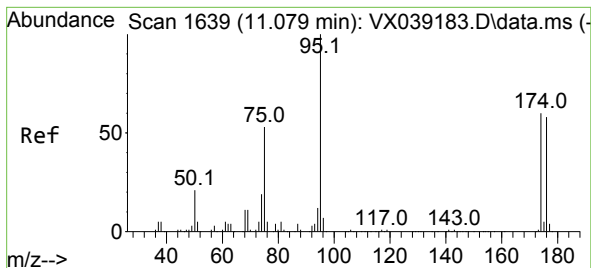
Tgt Ion: 98 Resp: 279926
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 168.0 30.4 45.6#

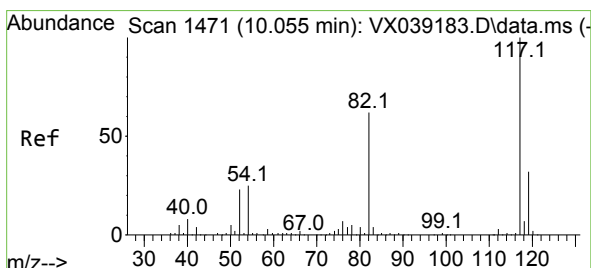
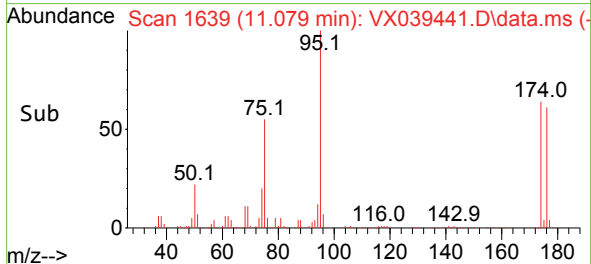
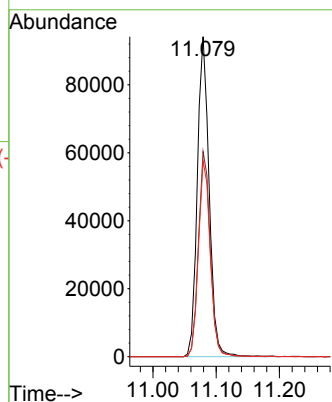
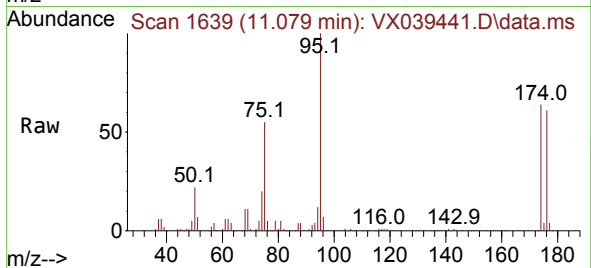




#62
4-Bromofluorobenzene
Concen: 53.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

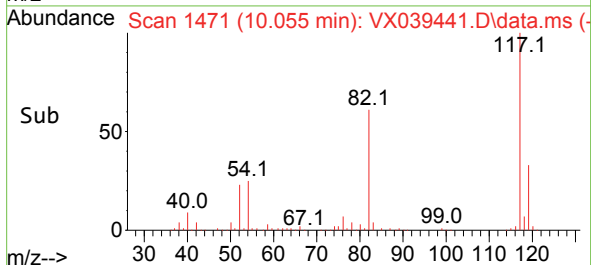
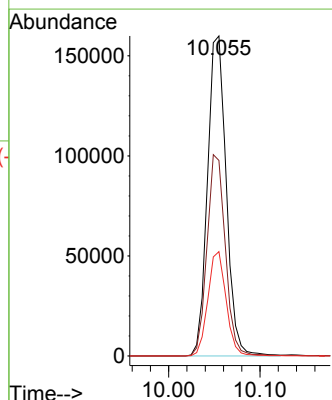
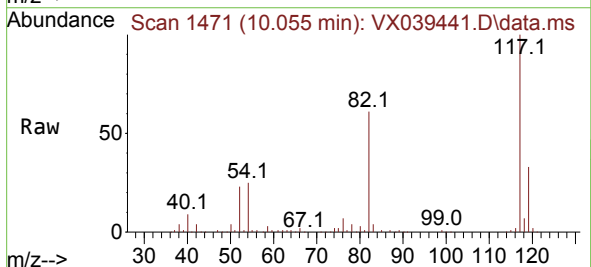
Instrument :
MSVOA_X
ClientSampleId :

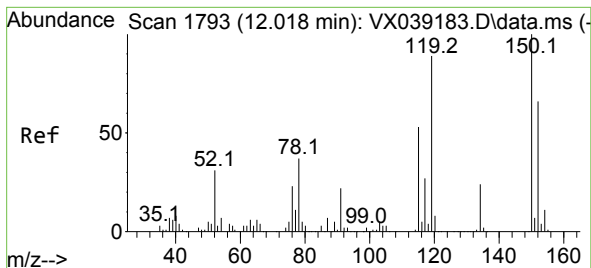
Tgt Ion: 95 Resp: 122345
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.6
176 61.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

Tgt Ion: 117 Resp: 227957
Ion Ratio Lower Upper
117 100
82 61.1 46.2 69.4
119 32.6 25.5 38.3

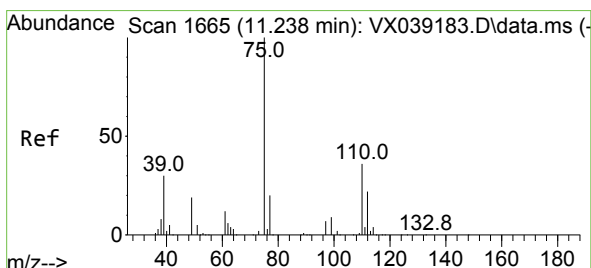
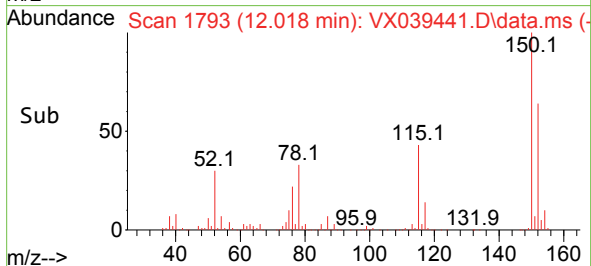
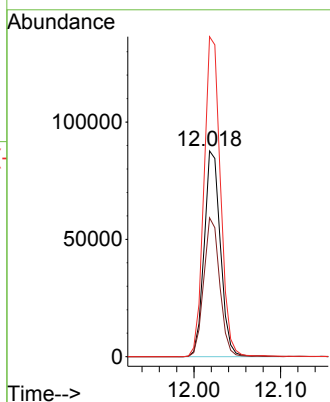
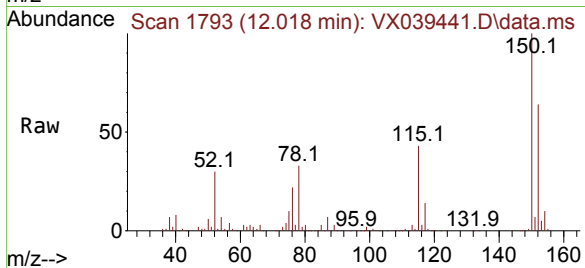




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

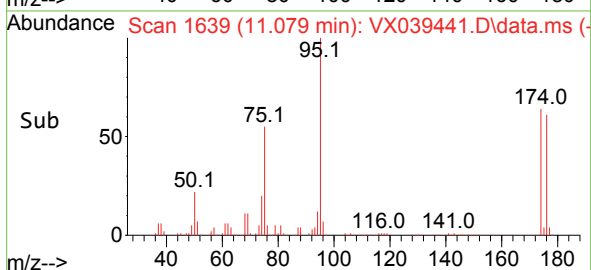
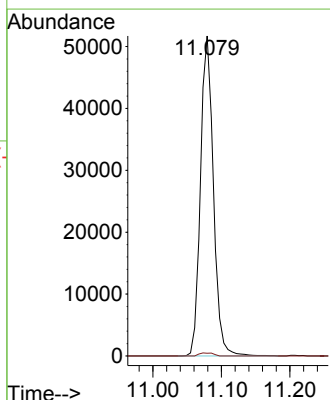
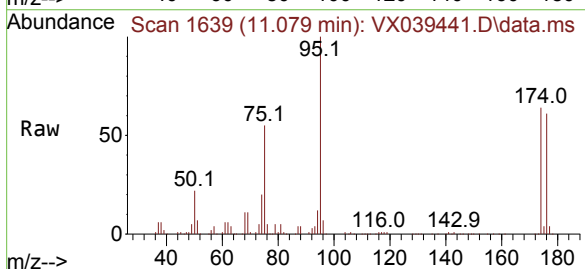
Instrument :
MSVOA_X
ClientSampleId :

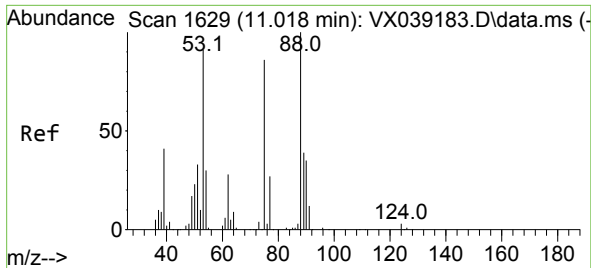
Tgt Ion:152 Resp: 114240
Ion Ratio Lower Upper
152 100
115 66.5 43.3 129.9
150 158.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039441.D
Acq: 22 Dec 2023 15:41

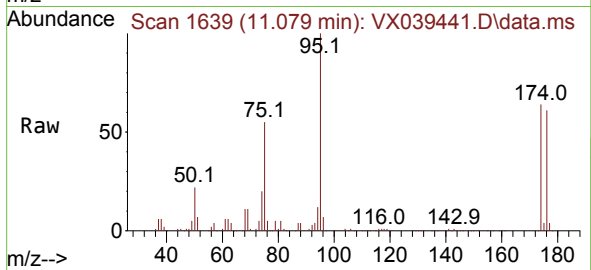
Tgt Ion: 75 Resp: 68075
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.975 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039441.D
 Acq: 22 Dec 2023 15:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 68075
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

