

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038936.D
 Acq On : 18 Nov 2023 18:14
 Operator : JC/MD
 Sample : 05404-24 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20231109

Quant Time: Nov 20 04:38:30 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)

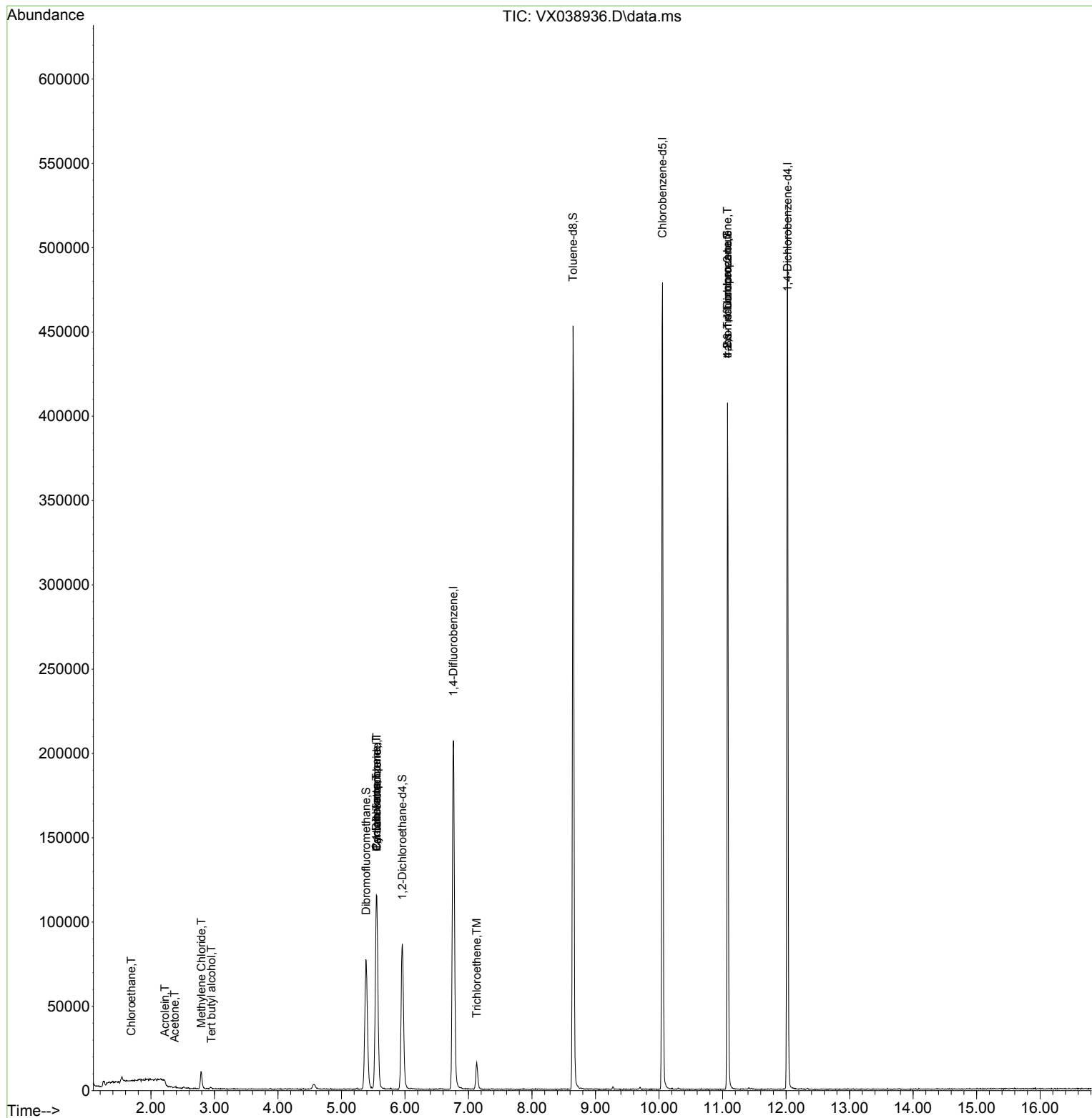
Internal Standards						
1) Pentafluorobenzene	5.556	168	102664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82583	49.921	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.840%		
35) Dibromofluoromethane	5.385	113	67402	44.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.420%		
50) Toluene-d8	8.647	98	263809	45.223	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.440%#		
62) 4-Bromofluorobenzene	11.079	95	112414	48.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.280%		
Target Compounds						Qvalue
6) Chloroethane	1.691	64	182	0.212	ug/l #	43
11) Tert butyl alcohol	2.953	59	536	1.165	ug/l #	78
13) Acrolein	2.221	56	177	0.727	ug/l #	14
16) Acetone	2.374	43	602	0.684	ug/l #	84
20) Methylene Chloride	2.794	84	4581	2.886	ug/l	91
31) Cyclohexane	5.550	56	2939	1.244	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	9366	4.286	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11772	5.829	ug/l #	14
44) Trichloroethene	7.129	130	5762	3.663	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	59006	22.429	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59006	49.749	ug/l #	5

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

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Sample : 05404-24 100X
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

Quant Time: Nov 20 04:38:30 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

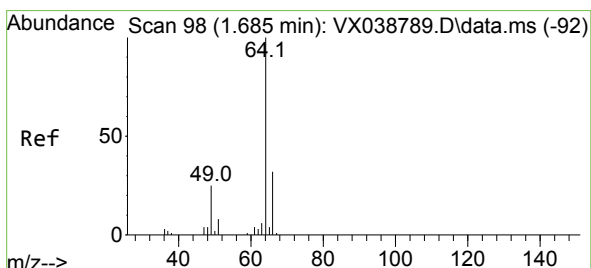
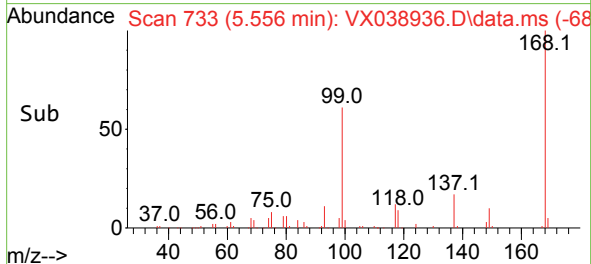
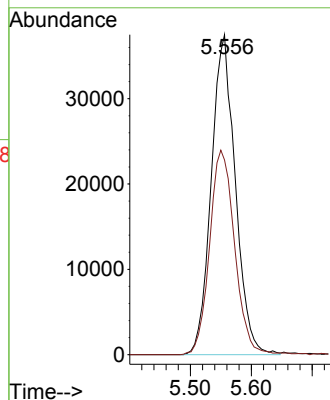
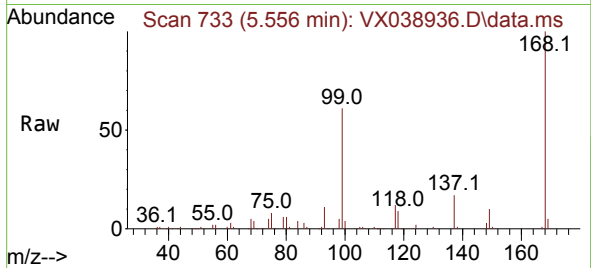




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

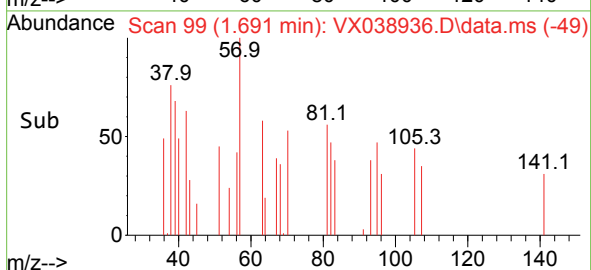
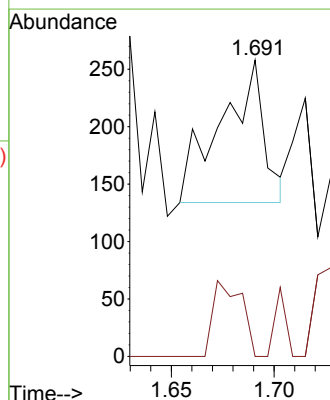
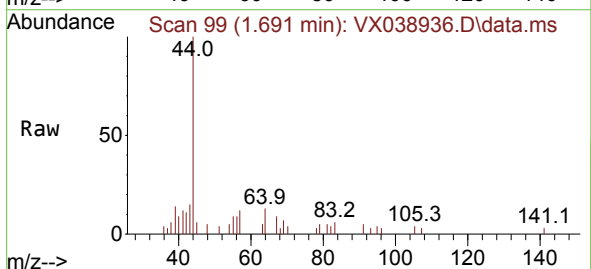
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

Tgt Ion:168 Resp: 102664
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#6
Chloroethane
Concen: 0.212 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion: 64 Resp: 182
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.165 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX038936.D

Acq: 18 Nov 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

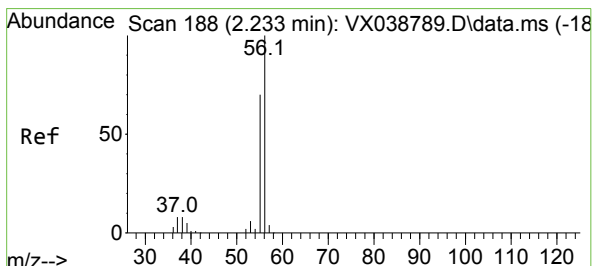
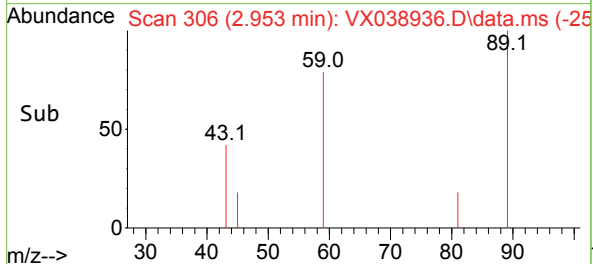
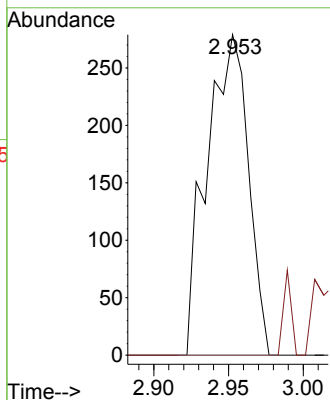
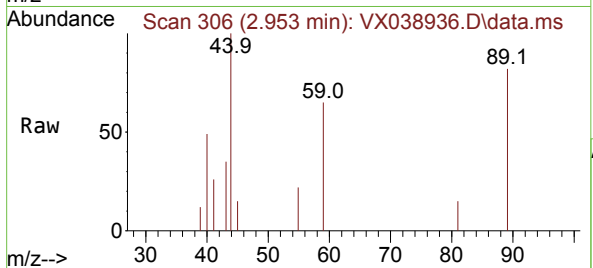
DUP02-20231109

Tgt Ion: 59 Resp: 536

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.727 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX038936.D

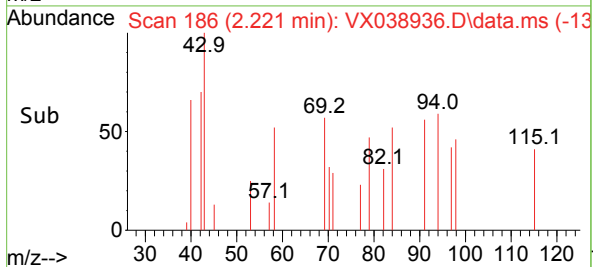
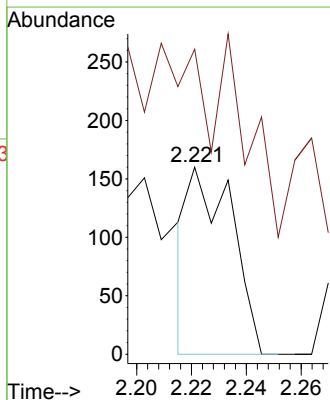
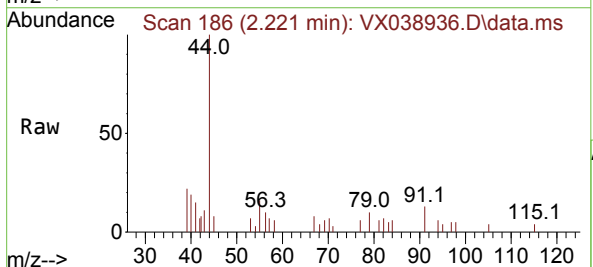
Acq: 18 Nov 2023 18:14

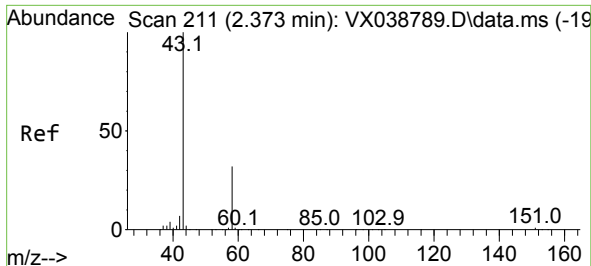
Tgt Ion: 56 Resp: 177

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

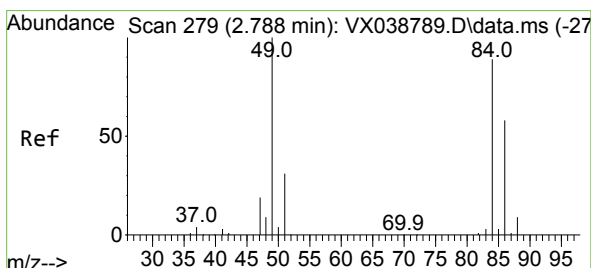
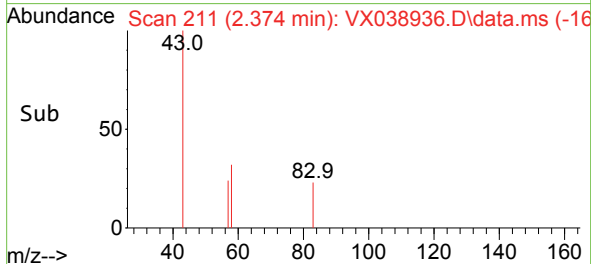
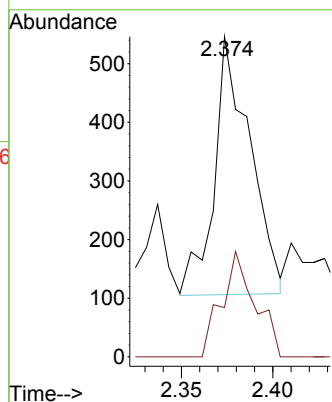
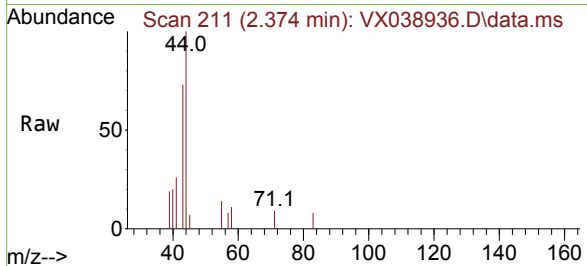




#16
Acetone
Concen: 0.684 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

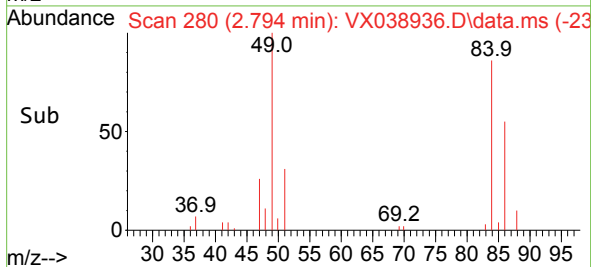
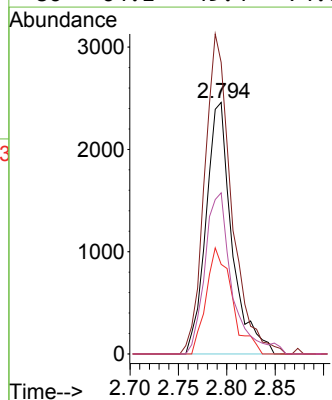
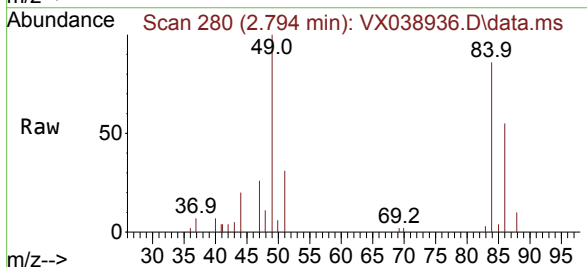
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

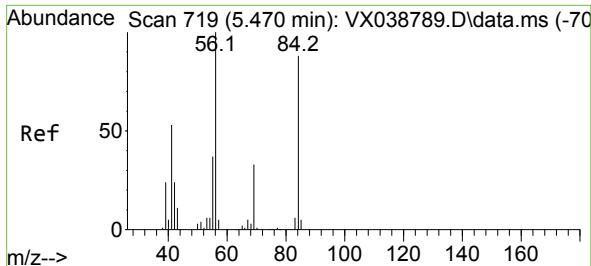
Tgt Ion: 43 Resp: 602
Ion Ratio Lower Upper
43 100
58 19.2 21.9 32.9#



#20
Methylene Chloride
Concen: 2.886 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

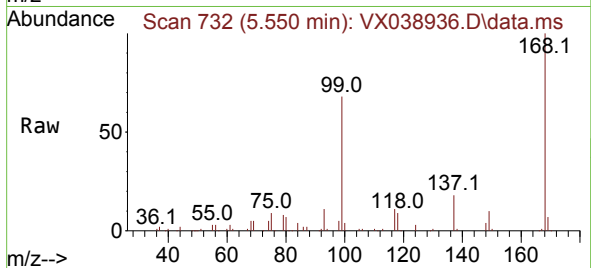
Tgt Ion: 84 Resp: 4581
Ion Ratio Lower Upper
84 100
49 115.9 103.6 155.4
51 35.6 33.8 50.6
86 64.1 49.4 74.0



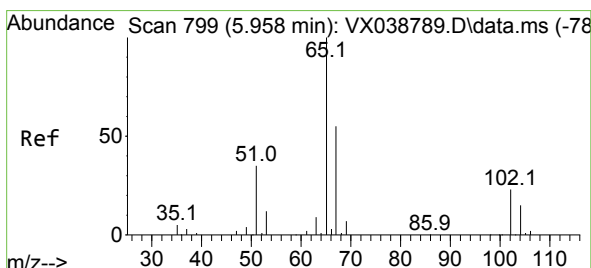
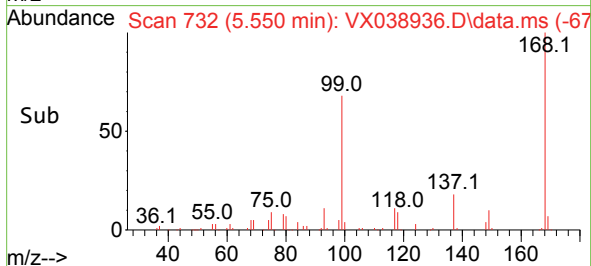
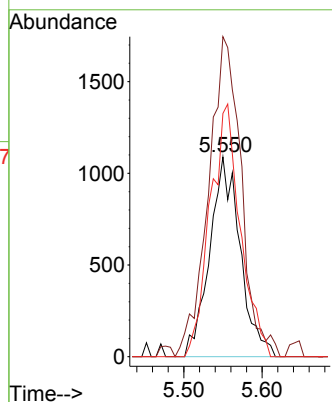


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

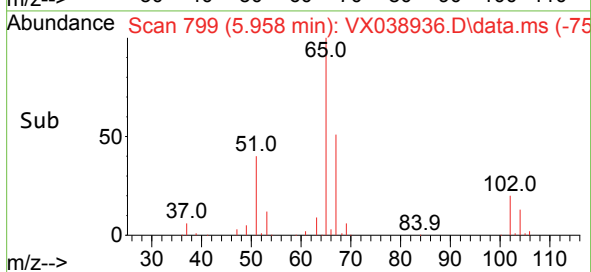
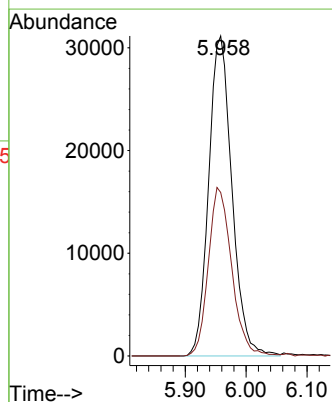
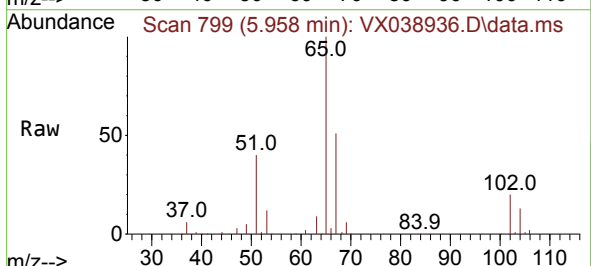


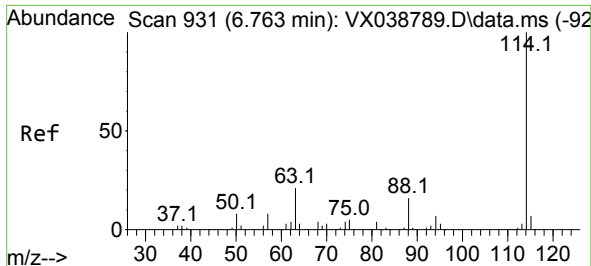
Tgt Ion: 56 Resp: 2939
Ion Ratio Lower Upper
56 100
69 160.2 23.4 35.2#
84 121.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.921 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion: 65 Resp: 82583
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

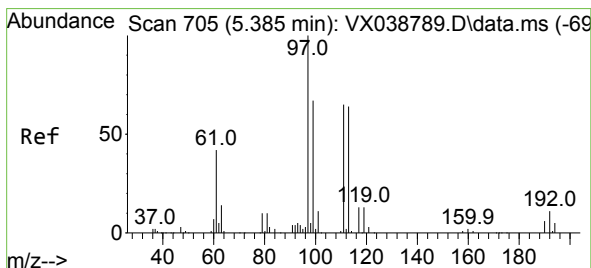
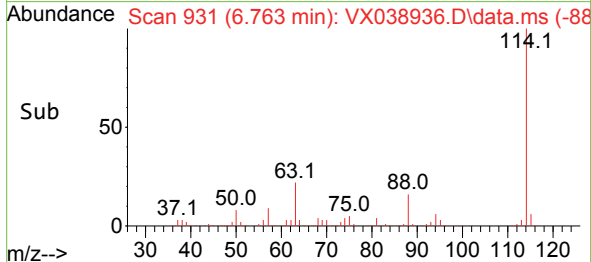
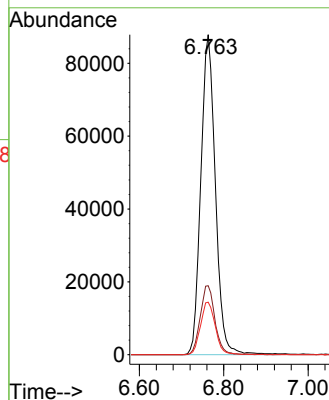
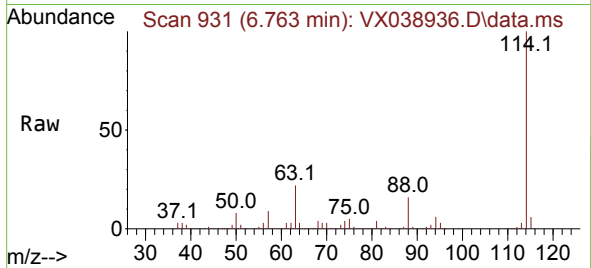




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

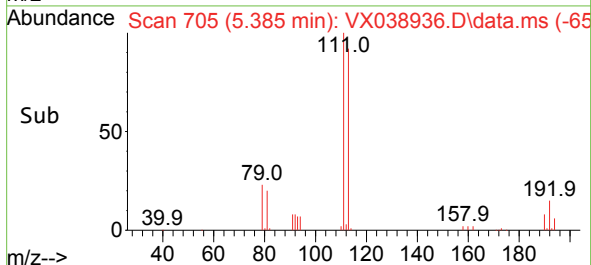
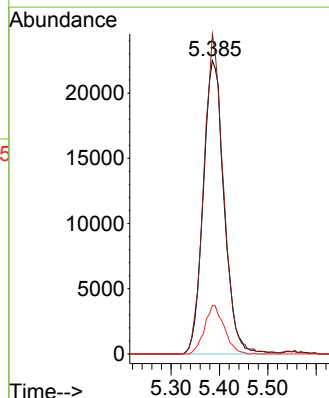
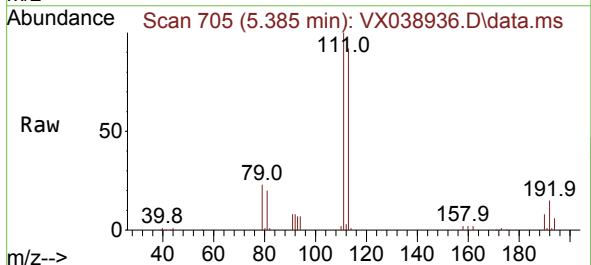
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ClientSampleId :
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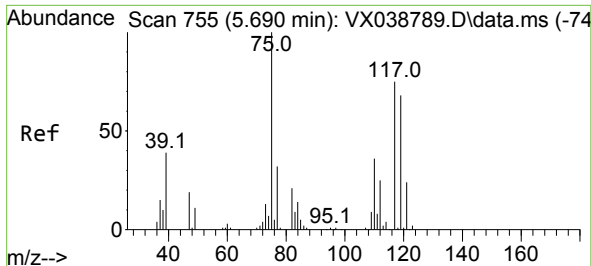
Tgt Ion:114 Resp: 211111
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.207 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion:113 Resp: 67402
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 15.5 13.3 19.9

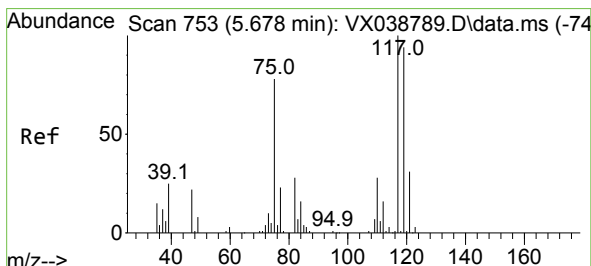
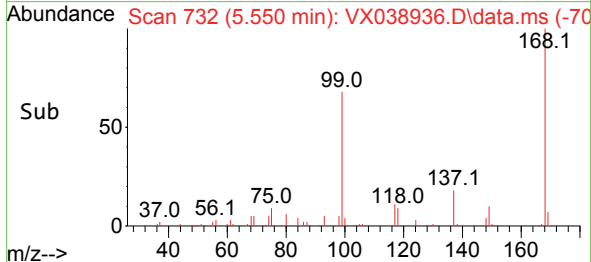
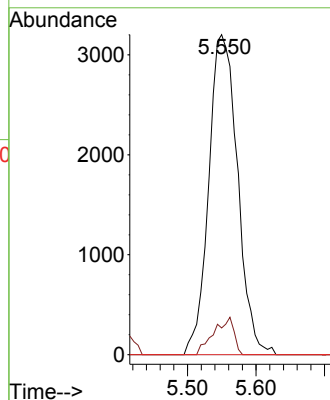
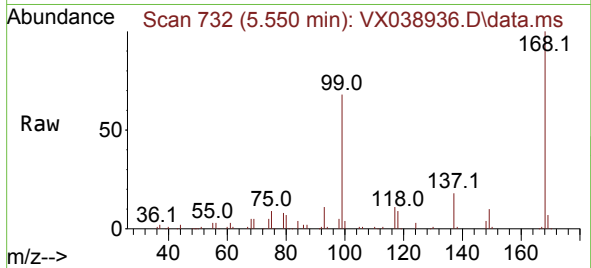




#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

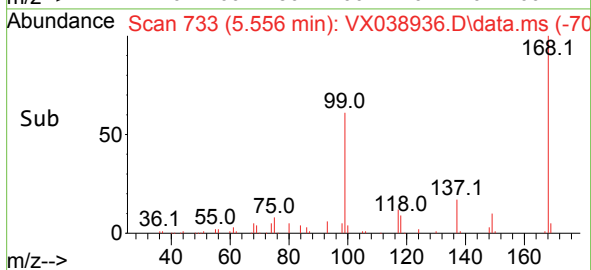
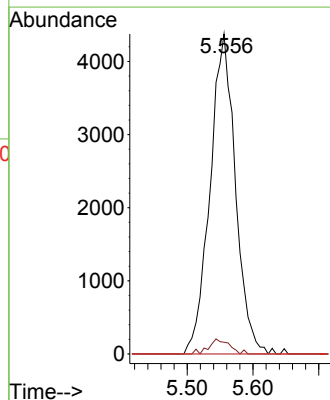
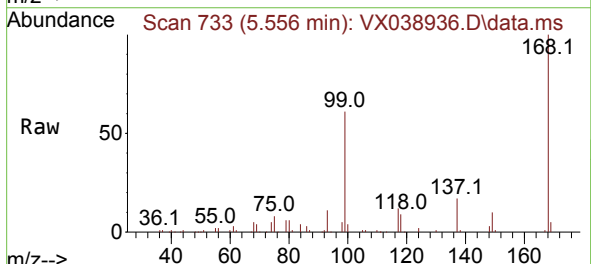
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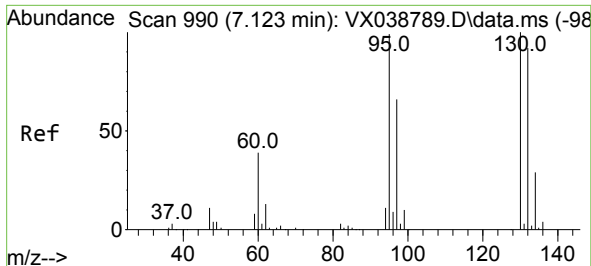
Tgt Ion: 75 Resp: 9366
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion: 117 Resp: 11772
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#

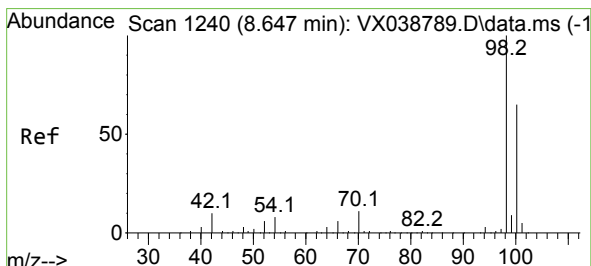
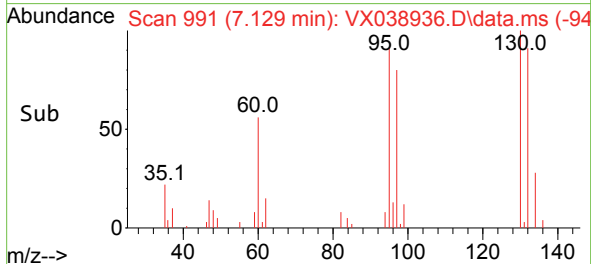
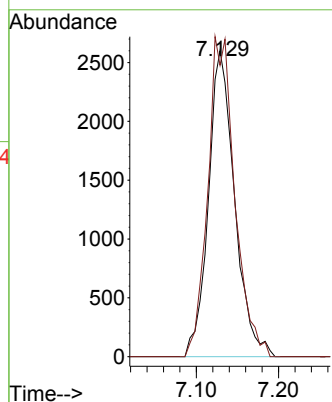
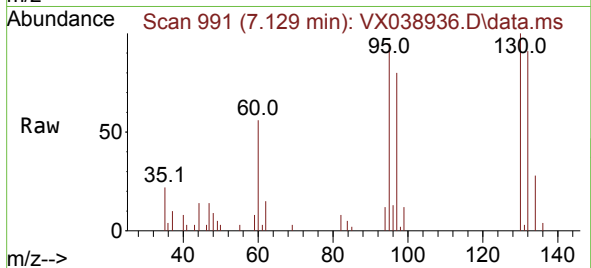




#44
Trichloroethene
Concen: 3.663 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

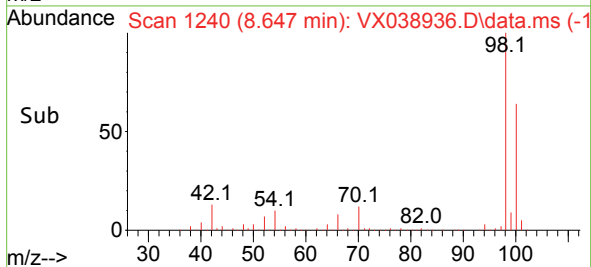
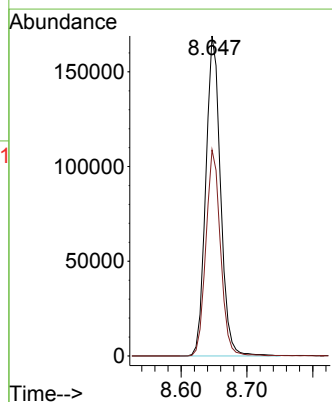
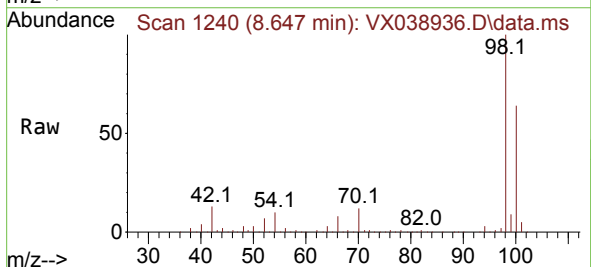
Instrument :
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DUP02-20231109

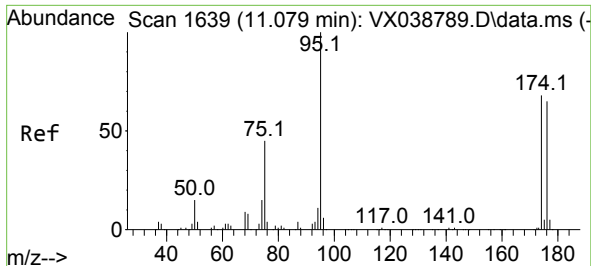
Tgt Ion:130 Resp: 5762
Ion Ratio Lower Upper
130 100
95 95.2 0.0 204.4



#50
Toluene-d8
Concen: 45.223 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion: 98 Resp: 263809
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

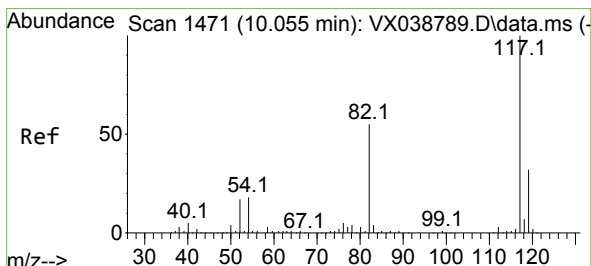
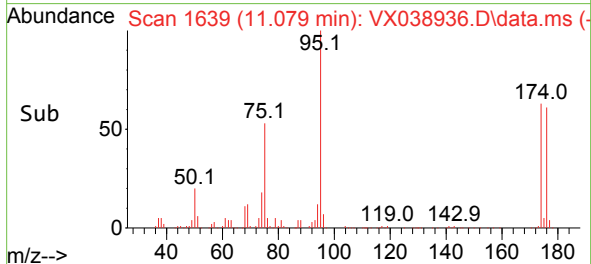
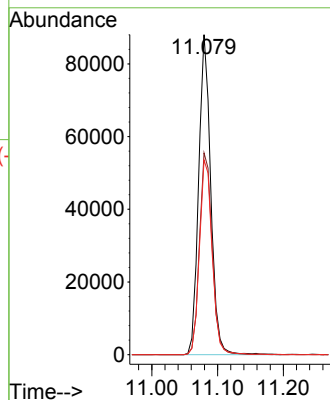
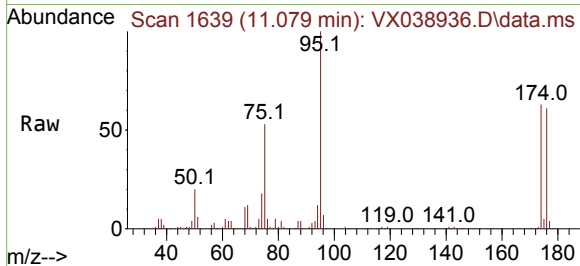




#62
4-Bromofluorobenzene
Concen: 48.139 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

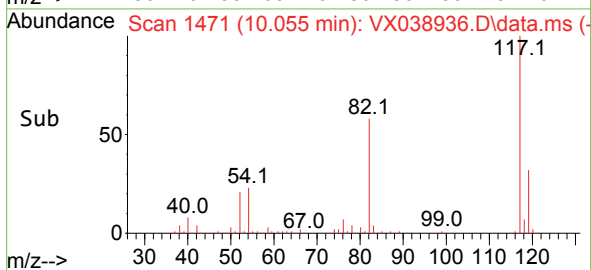
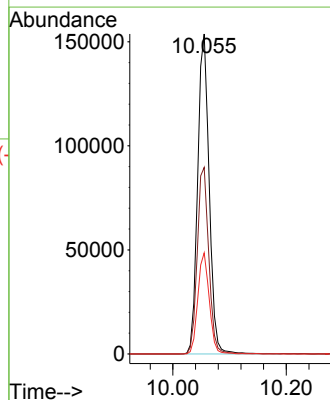
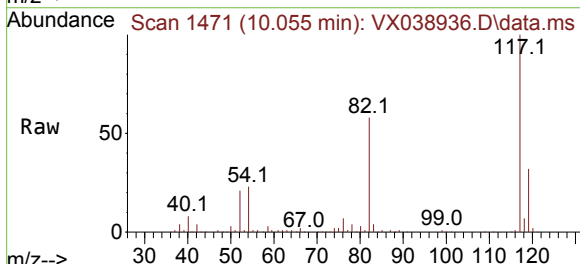
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

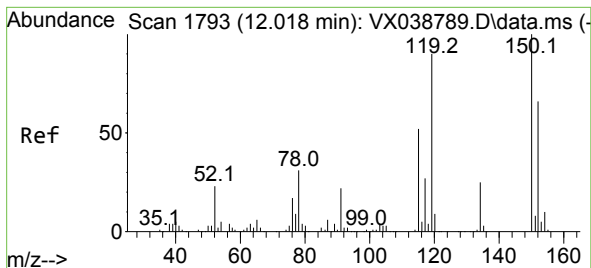
Tgt Ion: 95 Resp: 112414
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.6
176 63.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion: 117 Resp: 216173
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 31.6 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: VX038936.D

Acq: 18 Nov 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20231109

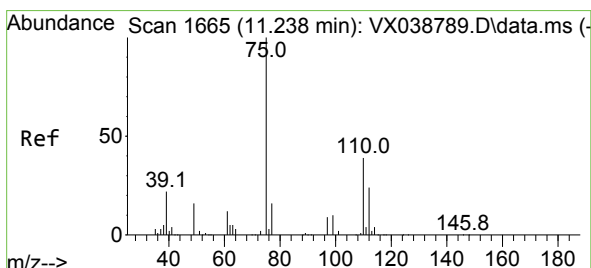
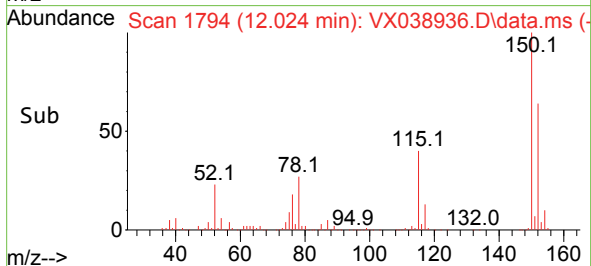
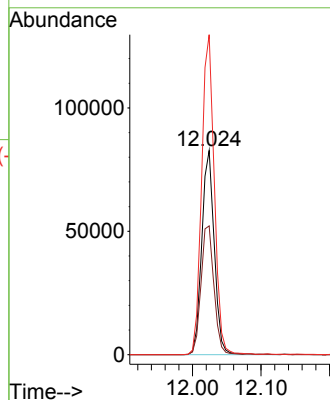
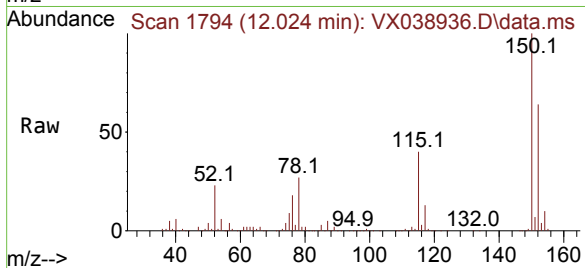
Tgt Ion:152 Resp: 105444

Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 158.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.429 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038936.D

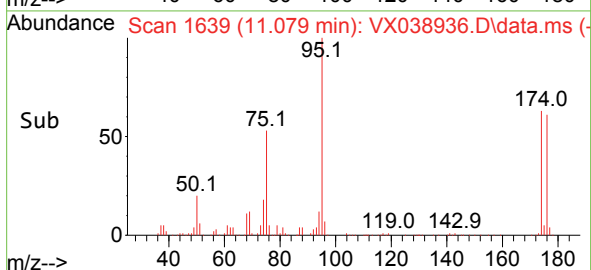
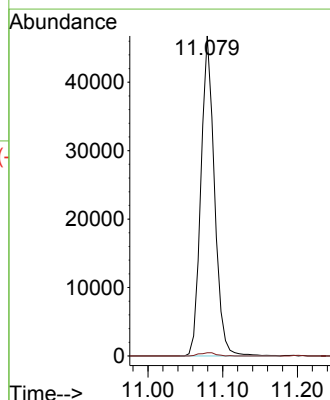
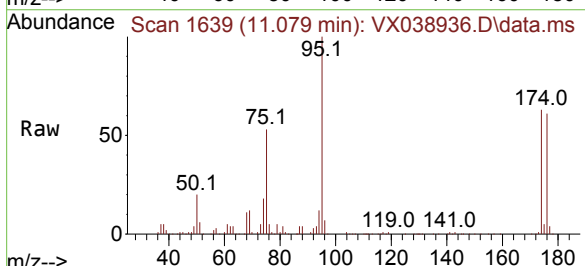
Acq: 18 Nov 2023 18:14

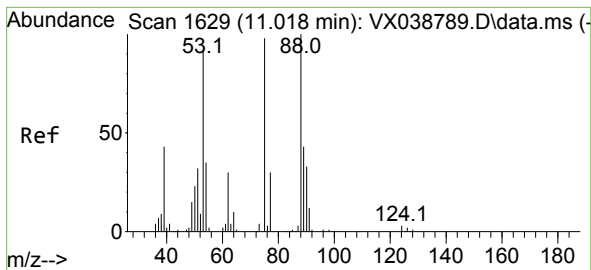
Tgt Ion: 75 Resp: 59006

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.749 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038936.D
 Acq: 18 Nov 2023 18:14

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20231109

Tgt Ion: 75 Resp: 59006
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

