

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038753.D
 Acq On : 11 Nov 2023 02:51
 Operator : JC/MD
 Sample : 05350-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20231107

Quant Time: Nov 11 05:07:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

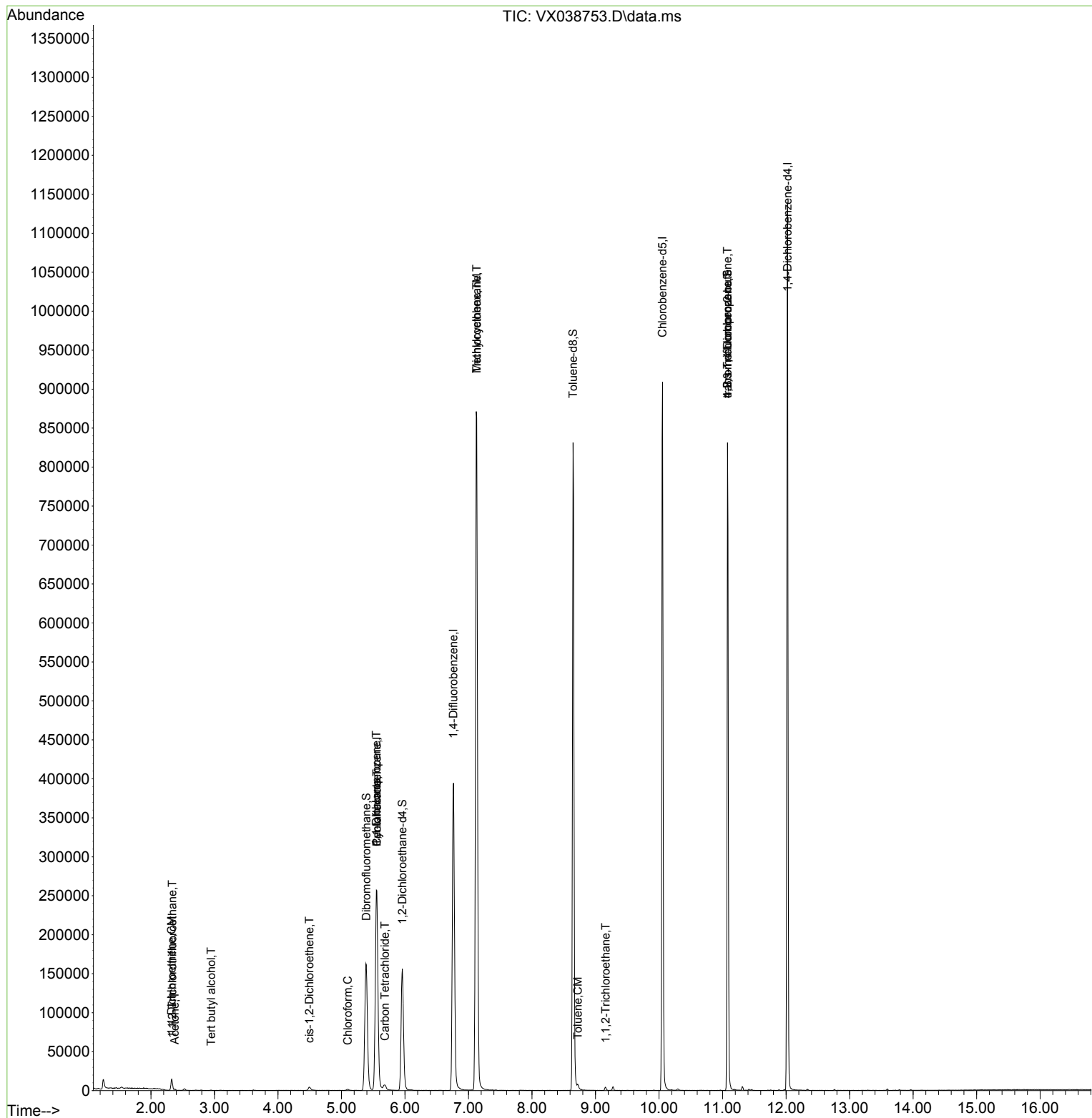
Internal Standards						
1) Pentafluorobenzene	5.556	168	270325	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	449088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156730	46.570	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.140%
35) Dibromofluoromethane	5.391	113	145989	45.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.280%
50) Toluene-d8	8.647	98	535234	46.244	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.480%
62) 4-Bromofluorobenzene	11.079	95	228664	50.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.920%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2659	1.010	ug/l	87
11) Tert butyl alcohol	2.947	59	251	0.365	ug/l	# 78
12) 1,1-Dichloroethene	2.325	96	3104	1.230	ug/l	# 69
16) Acetone	2.373	43	1858	1.311	ug/l	# 89
27) cis-1,2-Dichloroethene	4.495	96	3271	1.031	ug/l	73
30) Chloroform	5.099	83	1898	0.359	ug/l	# 67
31) Cyclohexane	5.556	56	4573	1.228	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17899	4.455	ug/l	# 51
38) Carbon Tetrachloride	5.684	117	5825	1.297	ug/l	96
39) Methylcyclohexane	7.129	83	3784	0.753	ug/l	# 1
44) Trichloroethene	7.129	130	363080	100.837	ug/l	91
52) Toluene	8.720	92	1678	0.221	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	1496	0.465	ug/l	# 82
76) 1,2,3-Trichloropropane	11.079	75	108847	20.323	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	108847	62.003	ug/l	# 5

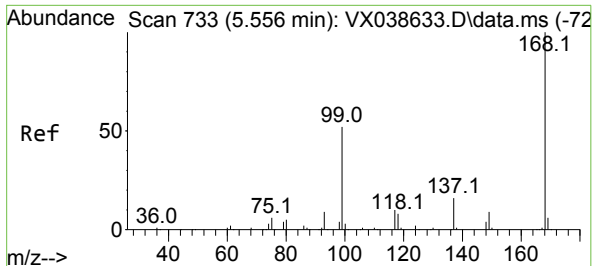
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

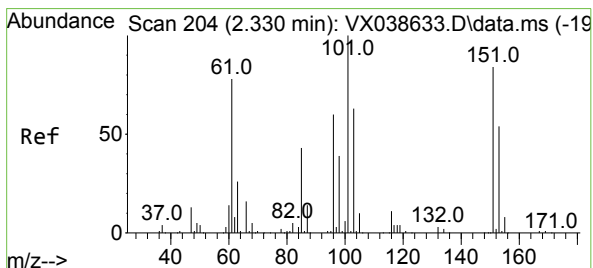
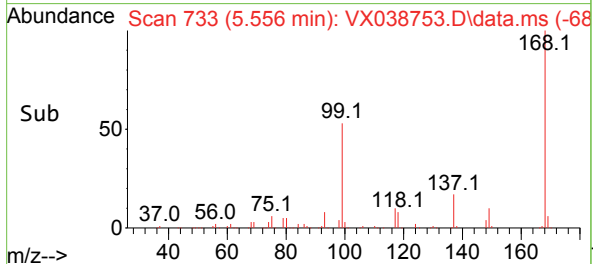
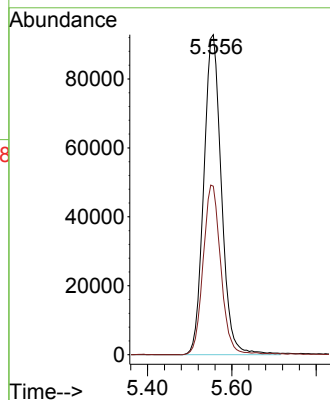
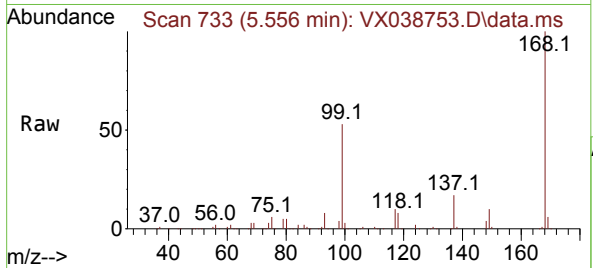




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

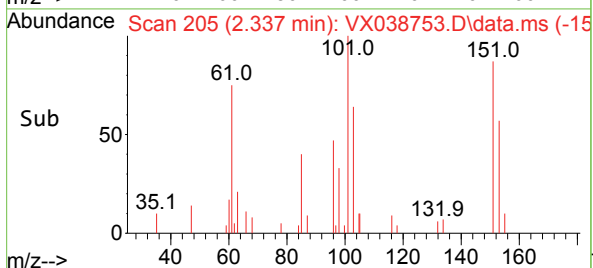
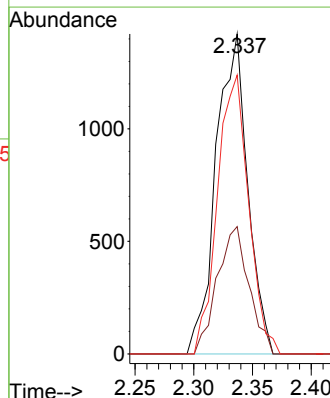
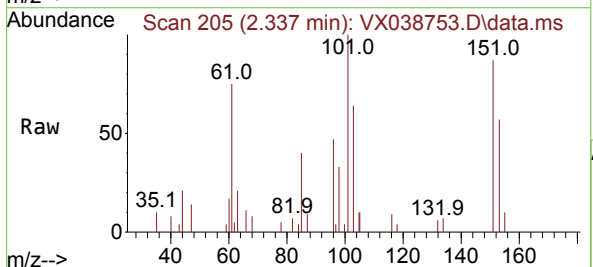
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20231107

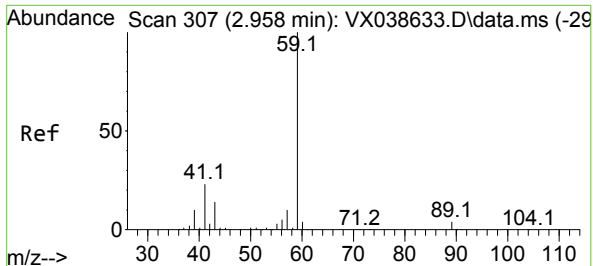
Tgt Ion:168 Resp: 270325
Ion Ratio Lower Upper
168 100
99 52.7 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.010 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion:101 Resp: 2659
Ion Ratio Lower Upper
101 100
85 40.0 37.0 55.6
151 86.0 58.6 87.8





#11

Tert butyl alcohol

Concen: 0.365 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

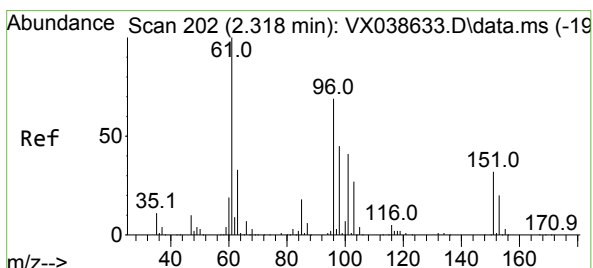
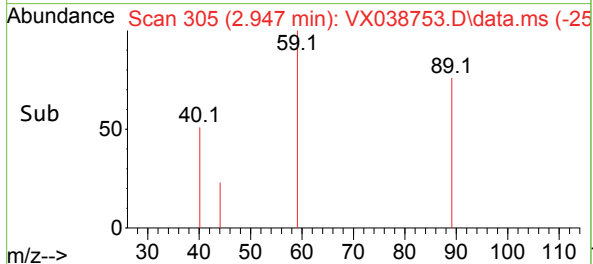
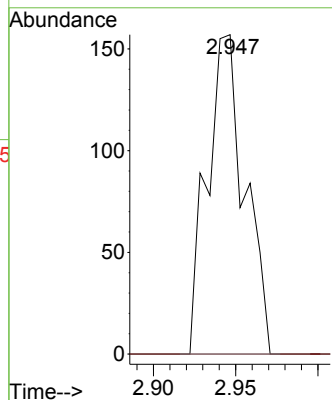
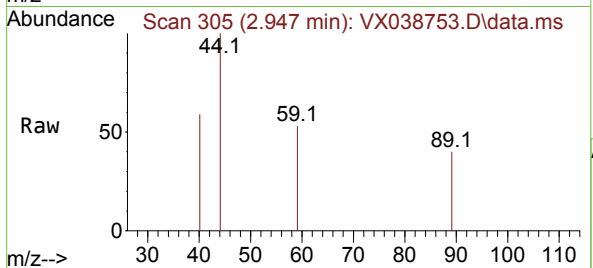
RE117D1-20231107

Tgt Ion: 59 Resp: 251

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 1.230 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

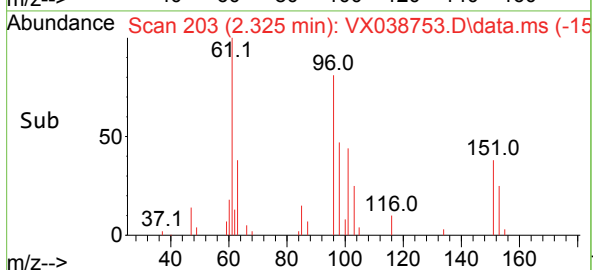
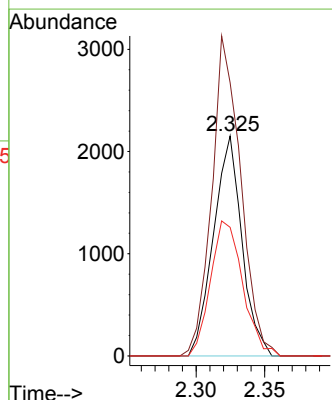
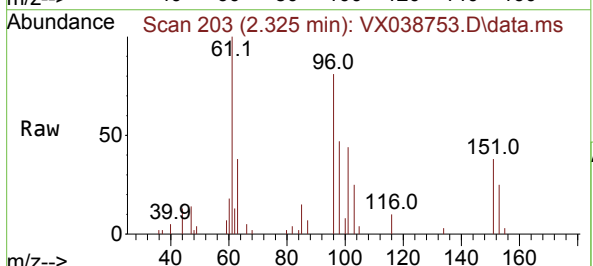
Tgt Ion: 96 Resp: 3104

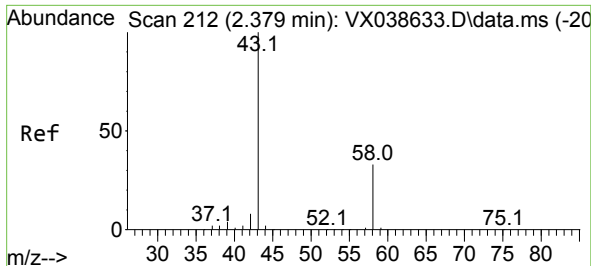
Ion Ratio Lower Upper

96 100

61 124.2 144.6 216.8#

98 58.5 50.4 75.6

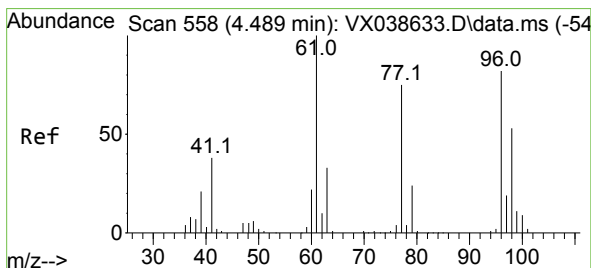
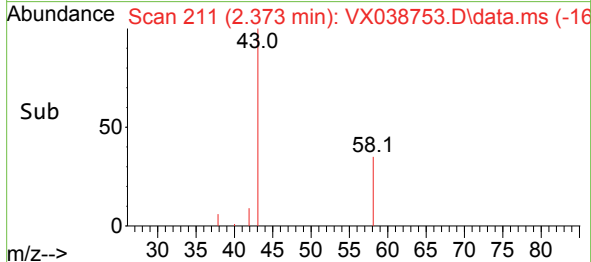
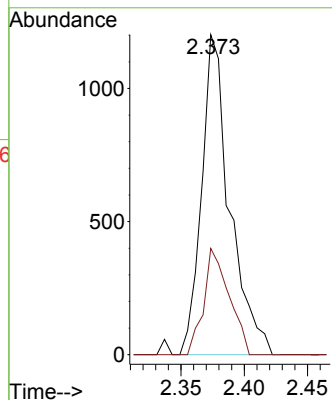
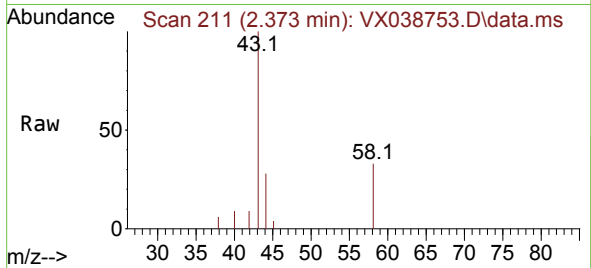




#16
Acetone
Concen: 1.311 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

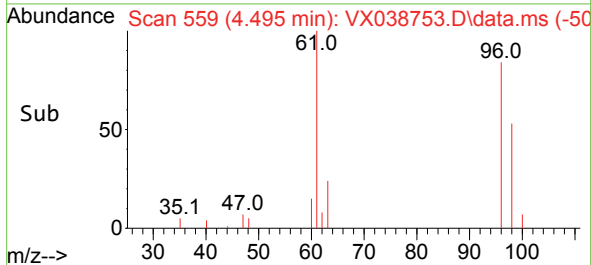
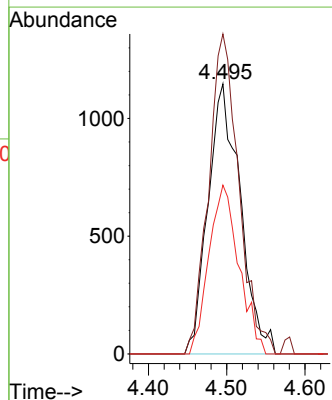
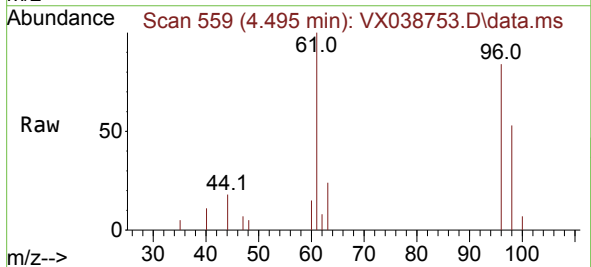
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20231107

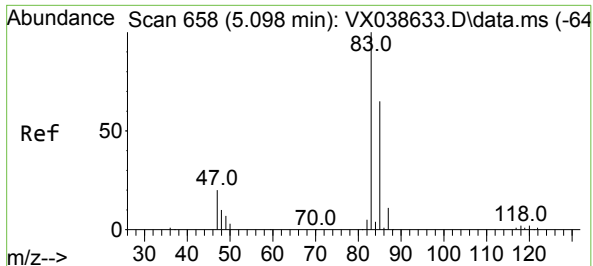
Tgt Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 1.031 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion: 96 Resp: 3271
Ion Ratio Lower Upper
96 100
61 111.3 0.0 312.2
98 58.5 0.0 129.0





#30

Chloroform

Concen: 0.359 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

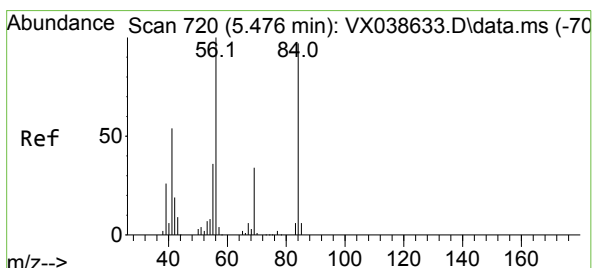
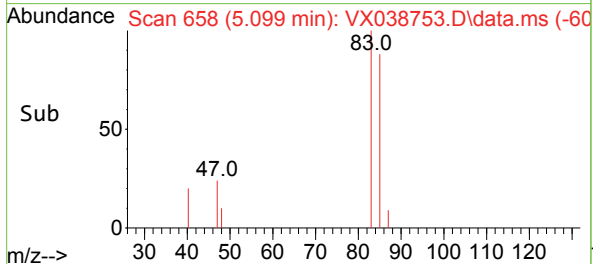
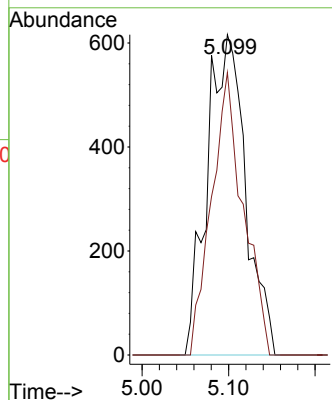
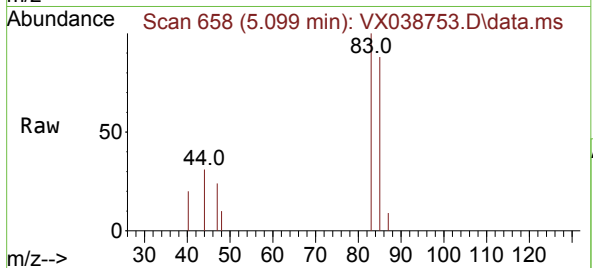
RE117D1-20231107

Tgt Ion: 83 Resp: 1898

Ion Ratio Lower Upper

83 100

85 88.1 50.3 75.5#



#31

Cyclohexane

Concen: 1.228 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

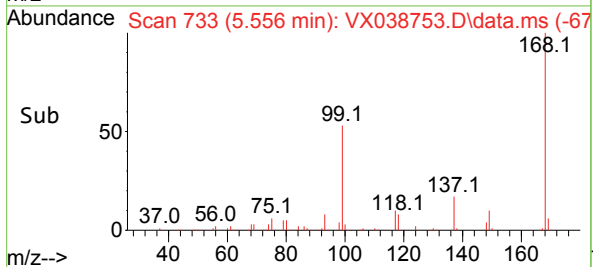
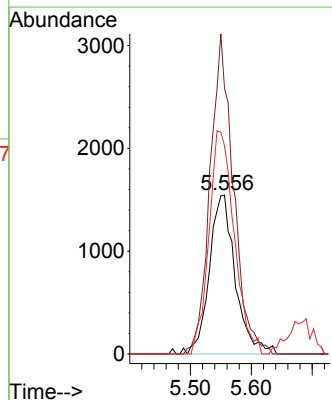
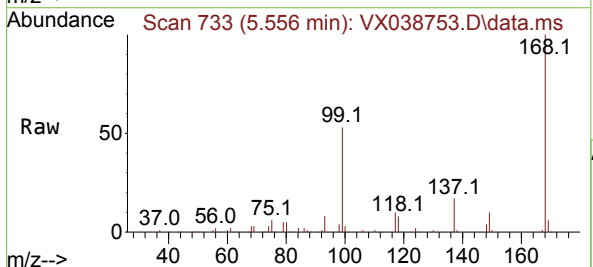
Tgt Ion: 56 Resp: 4573

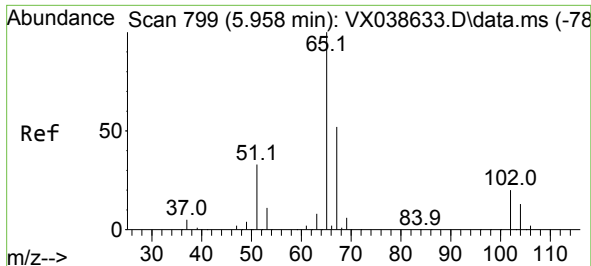
Ion Ratio Lower Upper

56 100

69 167.1 23.4 35.2#

84 130.9 65.9 98.9#

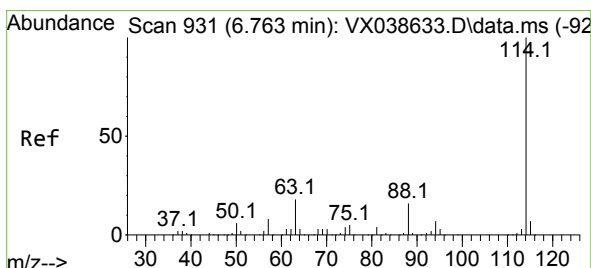
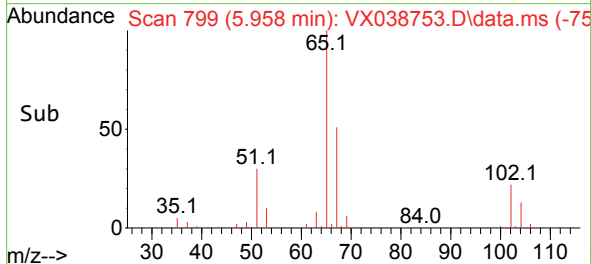
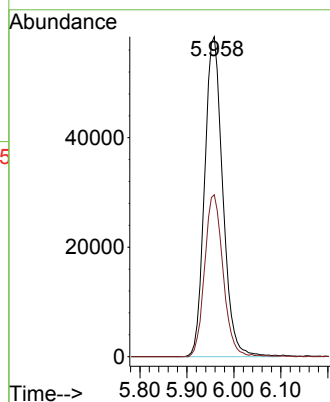
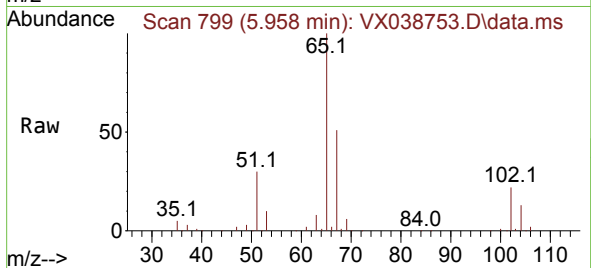




#33
1,2-Dichloroethane-d4
Concen: 46.570 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

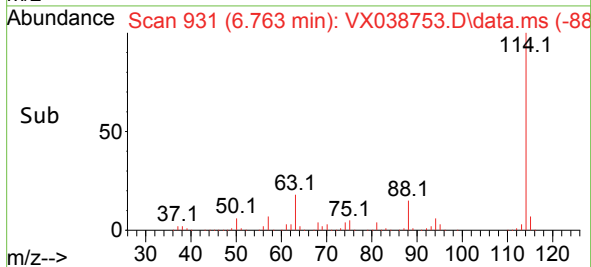
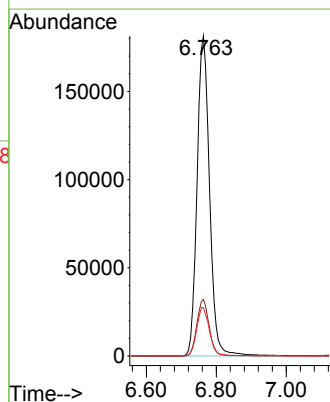
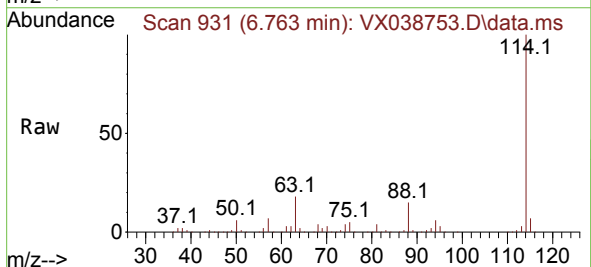
Instrument :
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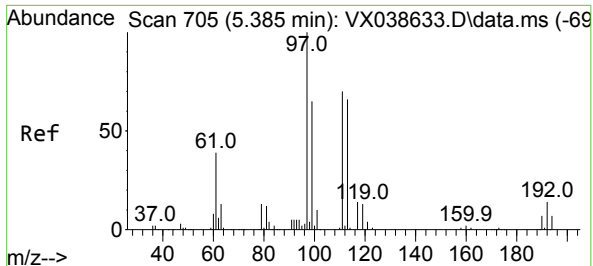
Tgt Ion: 65 Resp: 156730
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion:114 Resp: 449088
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.135 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038753.D

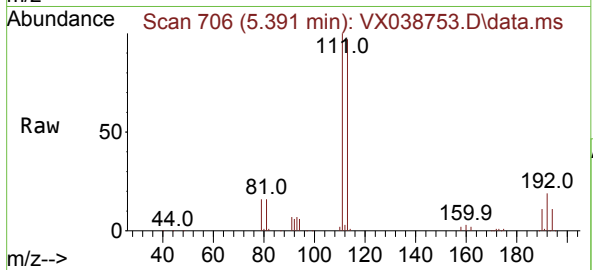
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Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20231107



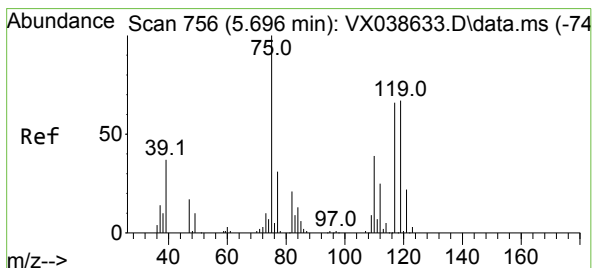
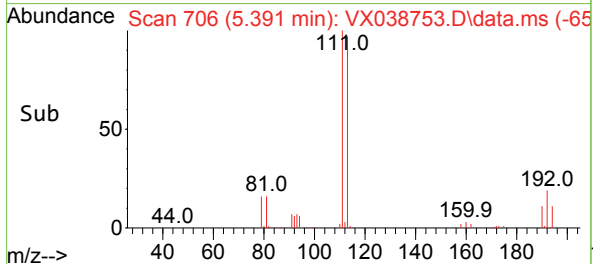
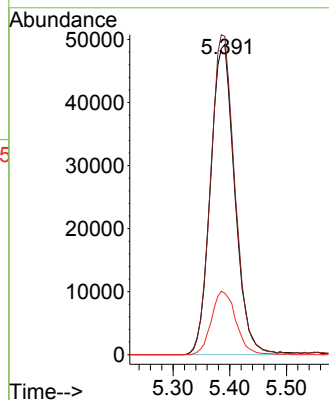
Tgt Ion:113 Resp: 145989

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 20.7 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.455 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

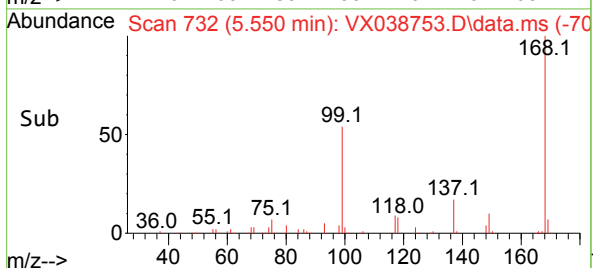
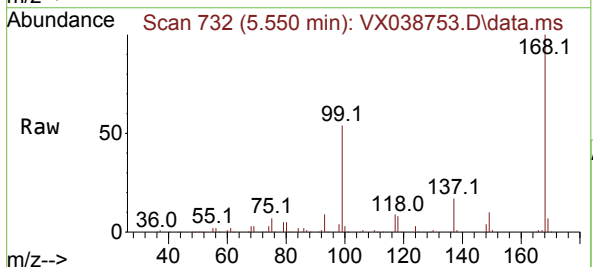
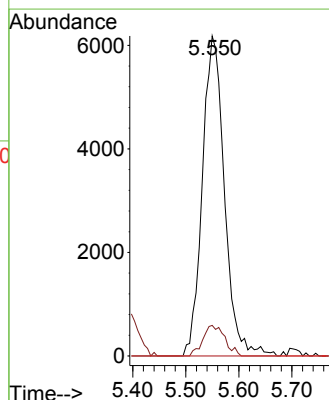
Tgt Ion: 75 Resp: 17899

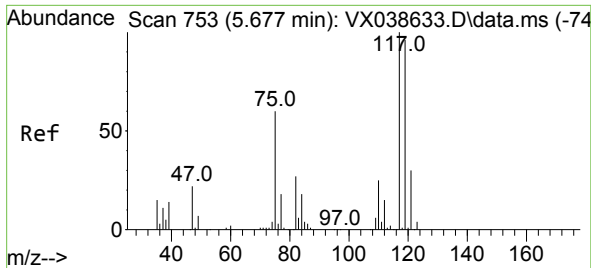
Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

77 0.0 24.7 37.1#

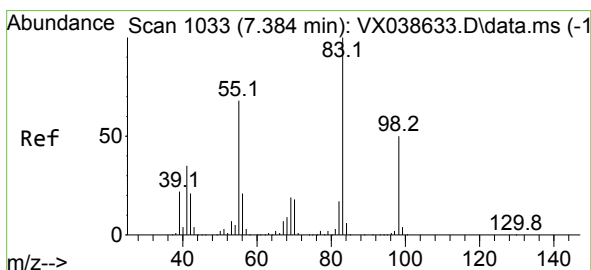
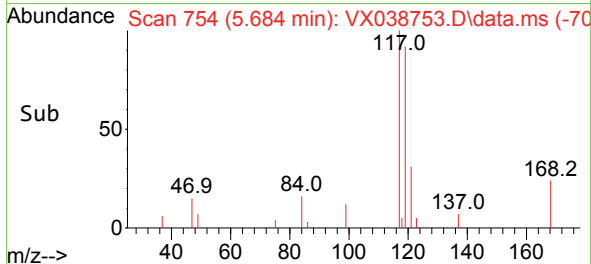
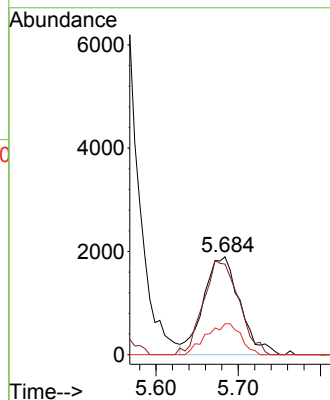
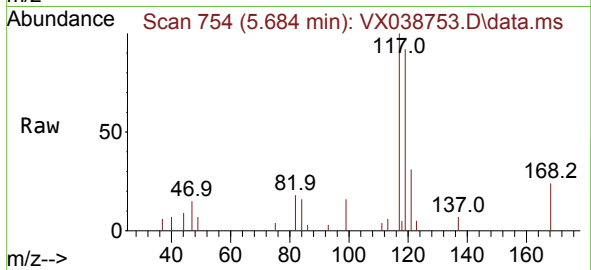




#38
Carbon Tetrachloride
Concen: 1.297 ug/l
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

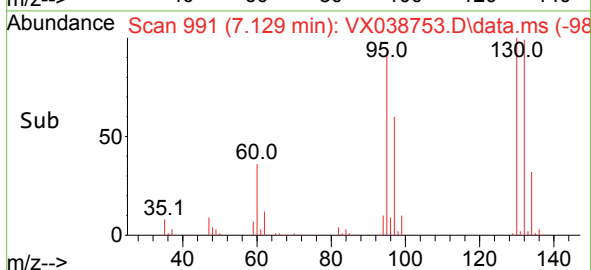
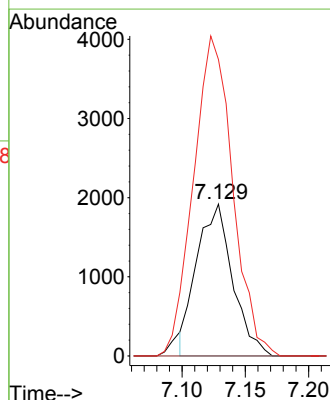
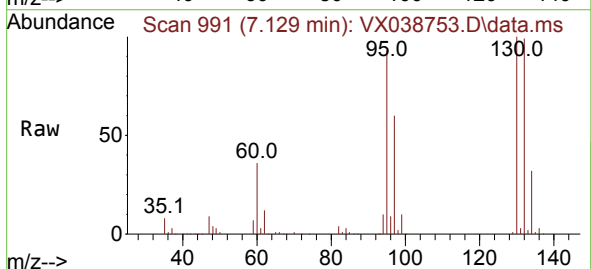
Instrument :
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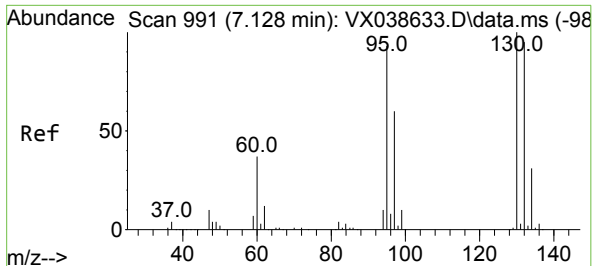
Tgt Ion:117 Resp: 5825
Ion Ratio Lower Upper
117 100
119 92.5 78.2 117.2
121 31.5 24.4 36.6



#39
Methylcyclohexane
Concen: 0.753 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion: 83 Resp: 3784
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 195.3 36.7 55.1#

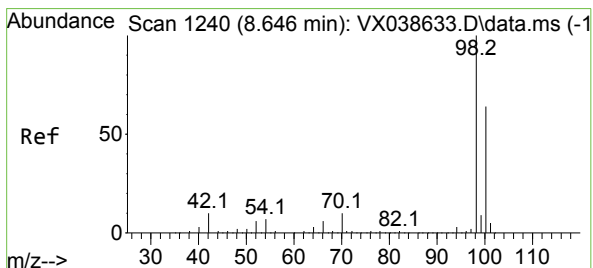
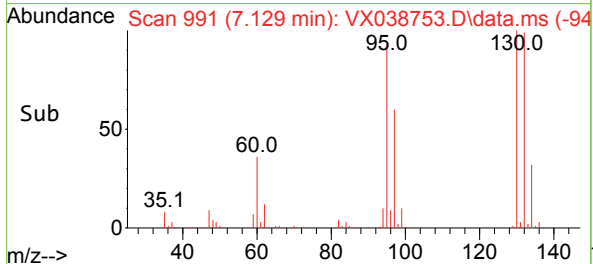
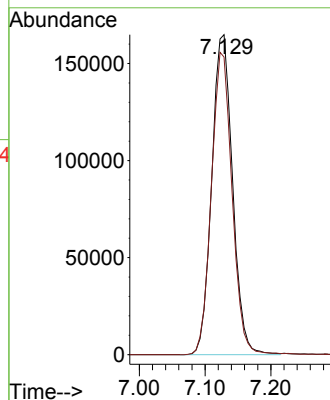
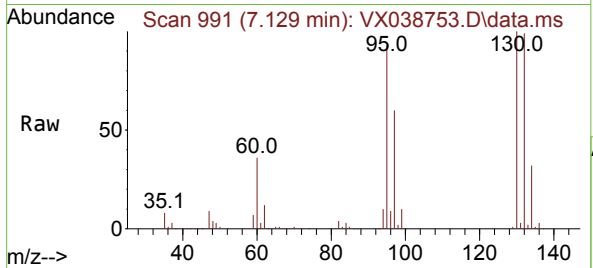




#44
Trichloroethene
Concen: 100.837 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

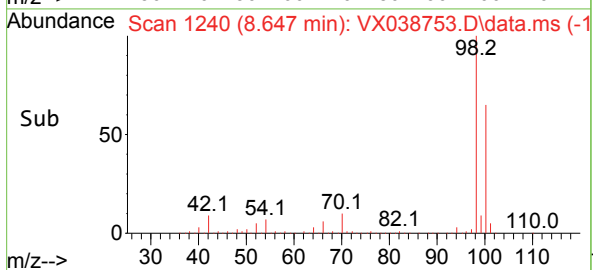
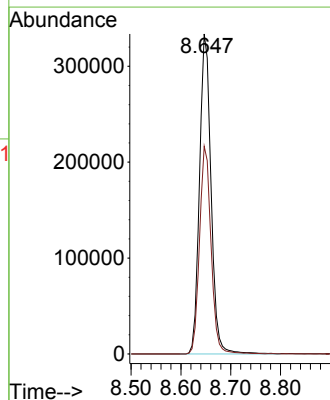
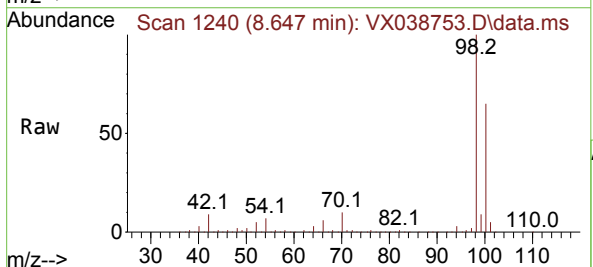
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20231107

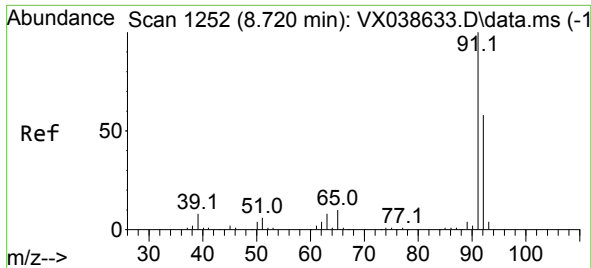
Tgt Ion:130 Resp: 363080
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4



#50
Toluene-d8
Concen: 46.244 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion: 98 Resp: 535234
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

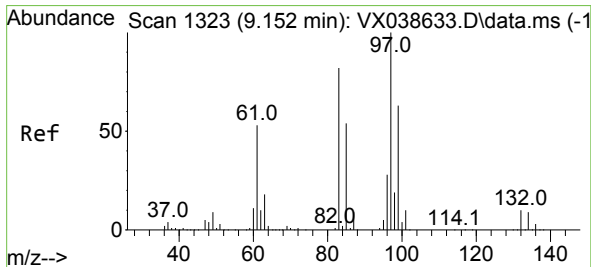
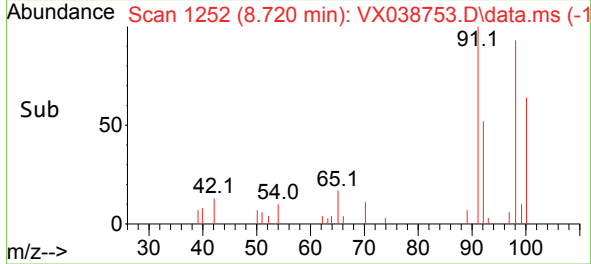
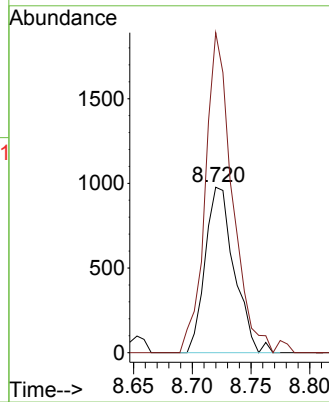
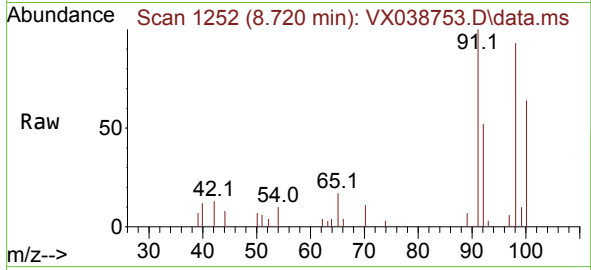




#52
Toluene
Concen: 0.221 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

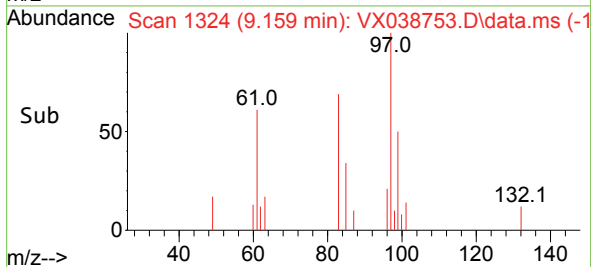
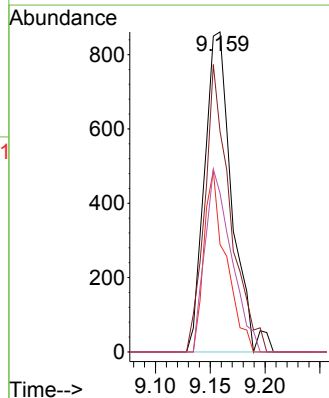
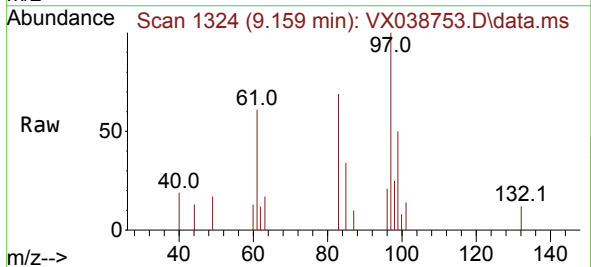
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20231107

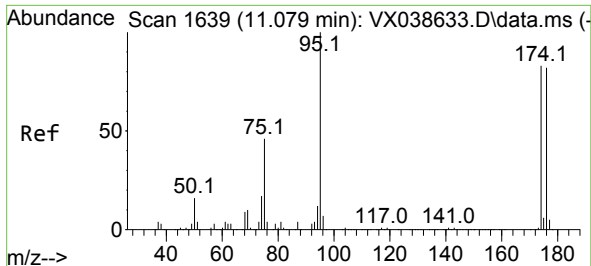
Tgt Ion: 92 Resp: 1678
Ion Ratio Lower Upper
92 100
91 179.9 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 0.465 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion: 97 Resp: 1496
Ion Ratio Lower Upper
97 100
83 68.9 65.8 98.8
85 33.6 41.6 62.4#
99 49.6 47.8 71.8

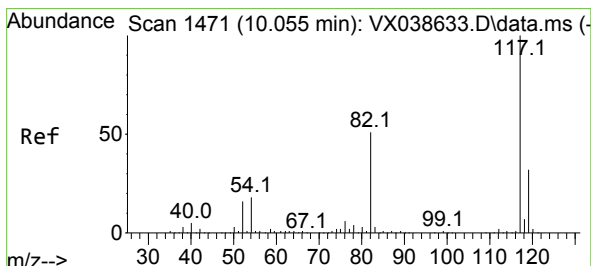
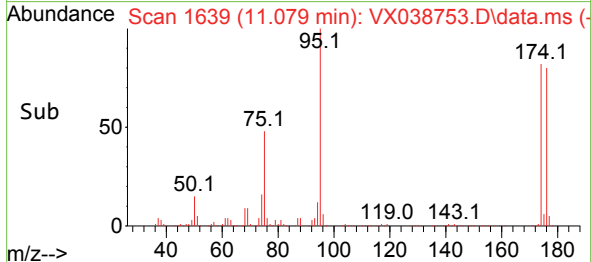
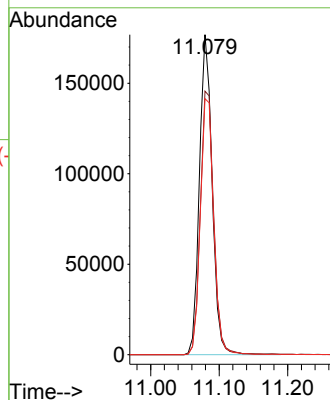
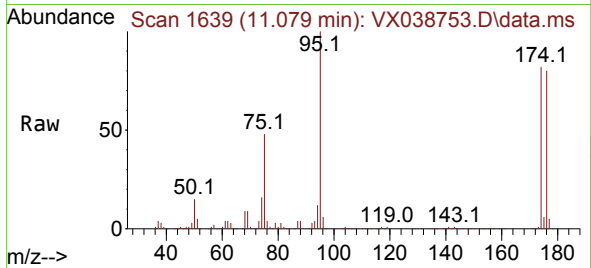




#62
4-Bromofluorobenzene
Concen: 50.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

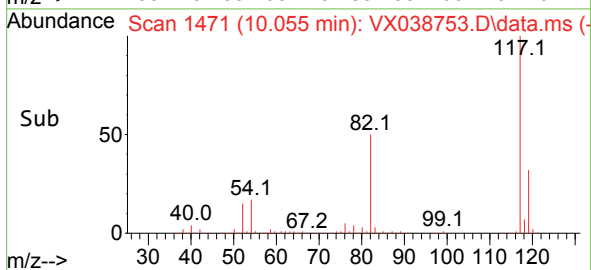
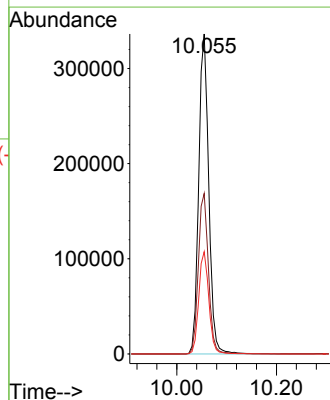
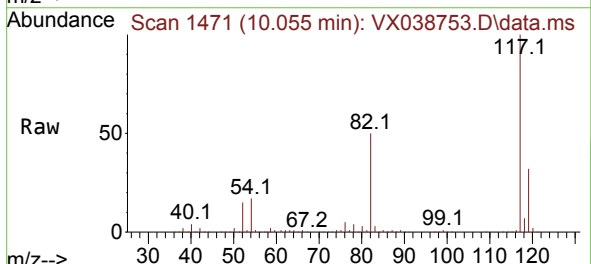
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20231107

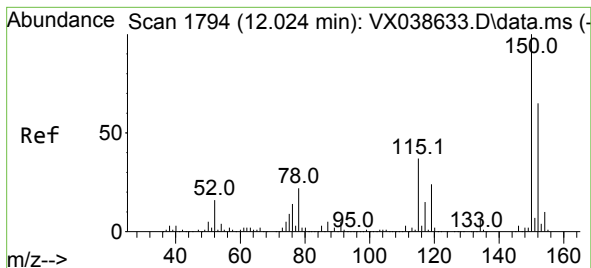
Tgt Ion: 95 Resp: 228664
Ion Ratio Lower Upper
95 100
174 87.0 0.0 135.6
176 84.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion: 117 Resp: 468428
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20231107

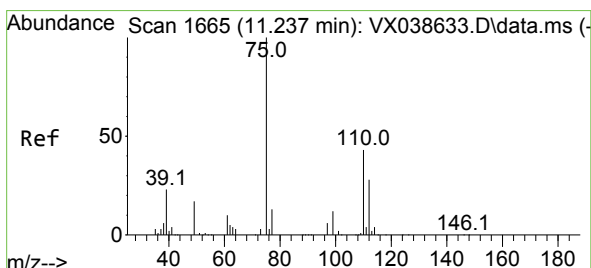
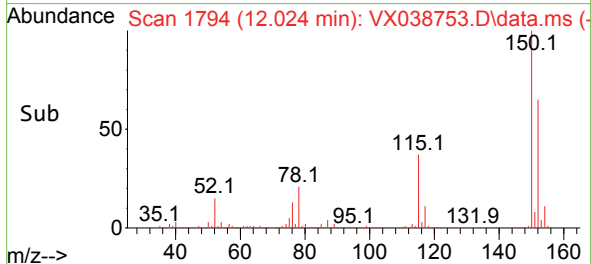
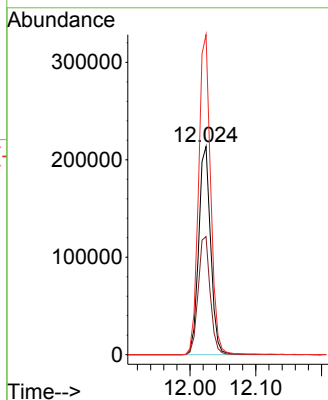
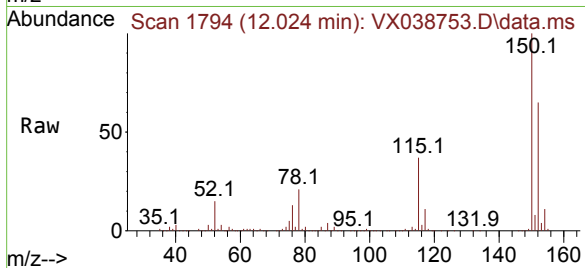
Tgt Ion:152 Resp: 270431

Ion Ratio Lower Upper

152 100

115 57.2 43.3 129.9

150 154.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.323 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038753.D

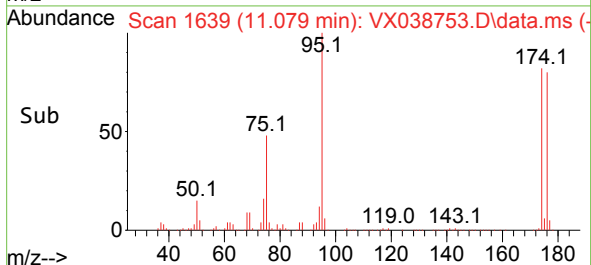
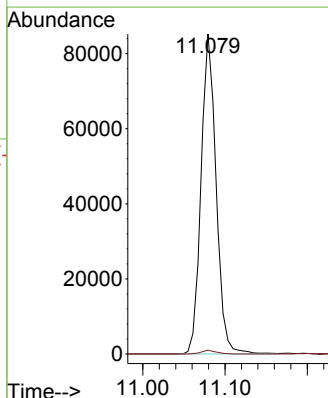
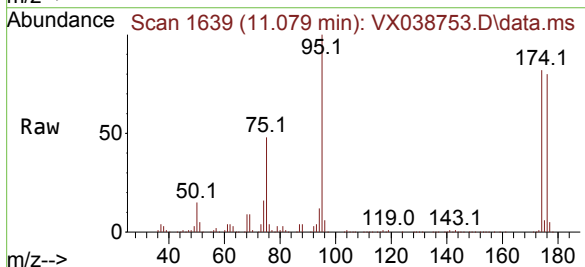
Acq: 11 Nov 2023 02:51

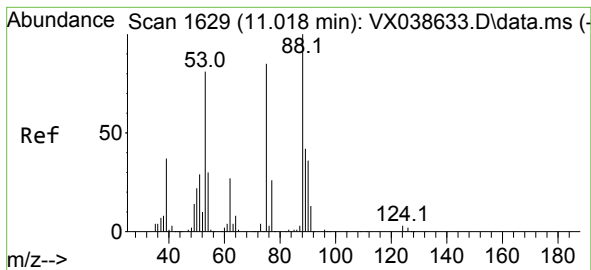
Tgt Ion: 75 Resp: 108847

Ion Ratio Lower Upper

75 100

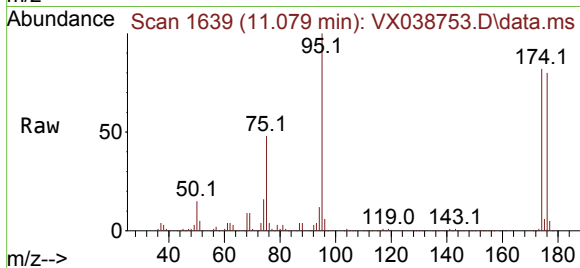
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.003 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038753.D
 Acq: 11 Nov 2023 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20231107



Tgt Ion: 75 Resp: 108847
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

