

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032602.D
 Acq On : 05 Nov 2022 04:00
 Operator : JC/MD
 Sample : N5483-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 07 05:08:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

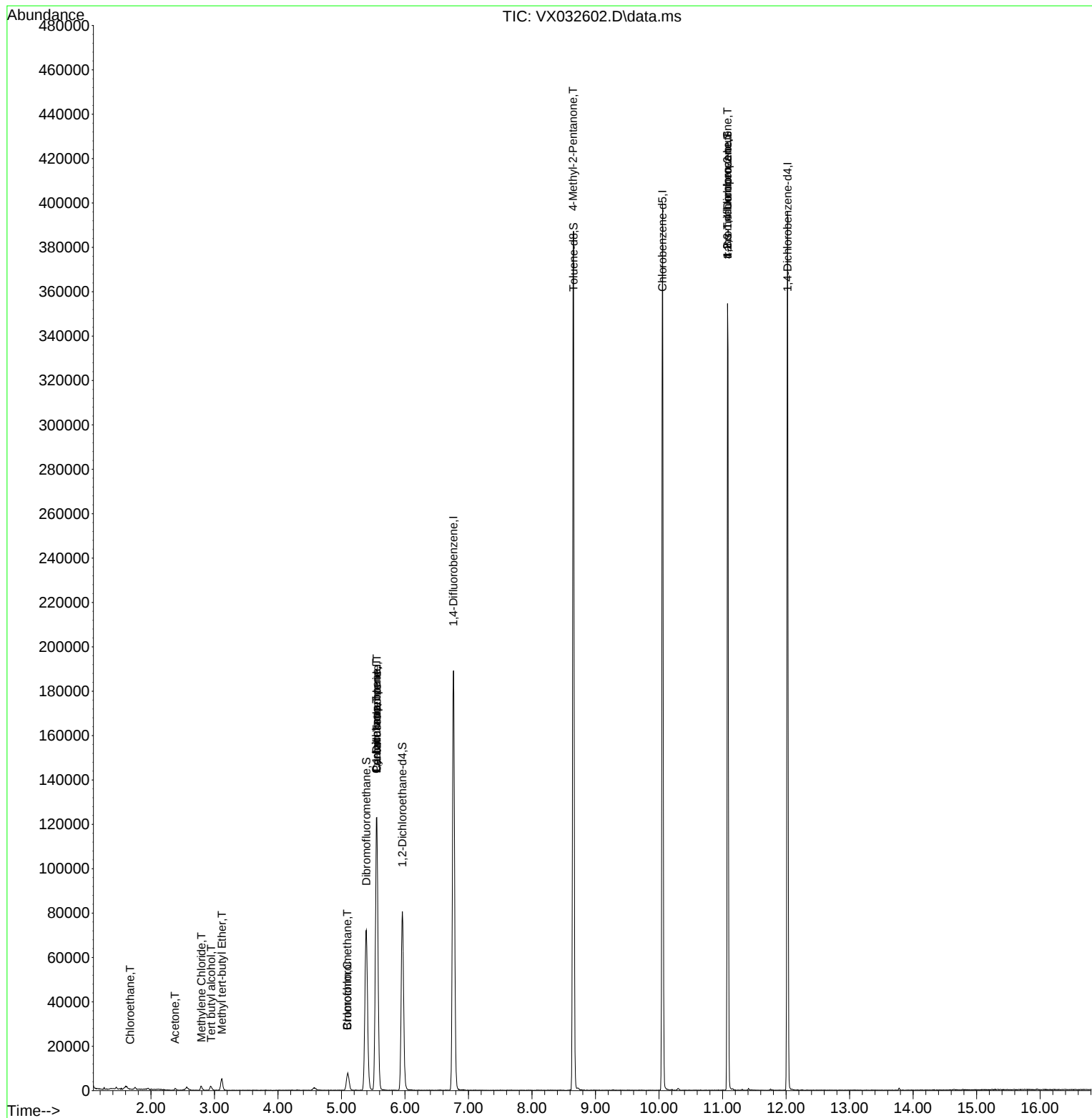
Internal Standards						
1) Pentafluorobenzene	5.556	168	116528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81828	50.538	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.080%			
35) Dibromofluoromethane	5.391	113	62692	45.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.720%			
50) Toluene-d8	8.653	98	229154	48.211	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.420%			
62) 4-Bromofluorobenzene	11.079	95	88553	47.694	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.380%			
Target Compounds						Qvalue
6) Chloroethane	1.672	64	178	0.212	ug/l #	42
11) Tert butyl alcohol	2.947	59	1240	5.262	ug/l #	72
16) Acetone	2.380	43	990	1.682	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	5252	1.279	ug/l	99
20) Methylene Chloride	2.794	84	963	0.714	ug/l #	84
28) Bromochloromethane	5.093	49	786	0.952	ug/l #	9
30) Chloroform	5.093	83	9279	3.649	ug/l	93
31) Cyclohexane	5.550	56	2626	1.338	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	9283	4.877	ug/l #	48
38) Carbon Tetrachloride	5.556	117	12270	5.812	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1051	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48481	27.625	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48481	87.902	ug/l #	6

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

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MSVOA_X
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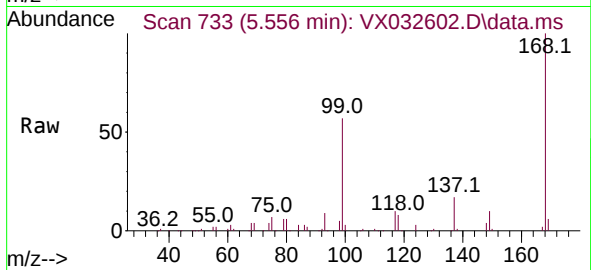
Quant Time: Nov 07 05:08:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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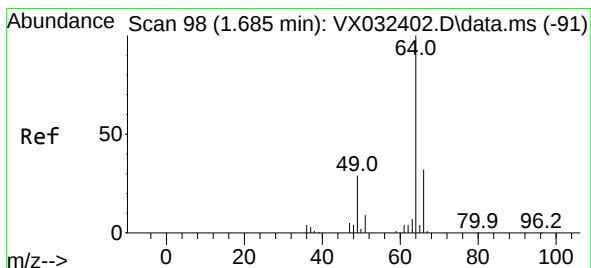
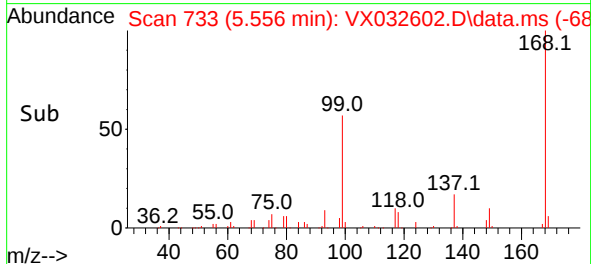
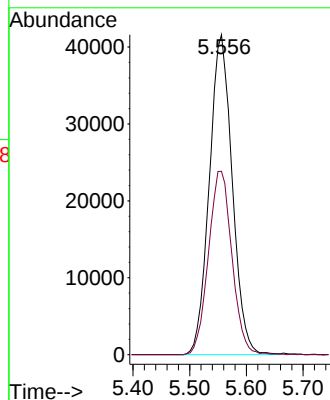


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

Instrument :
MSVOA_X
ClientSampleId :

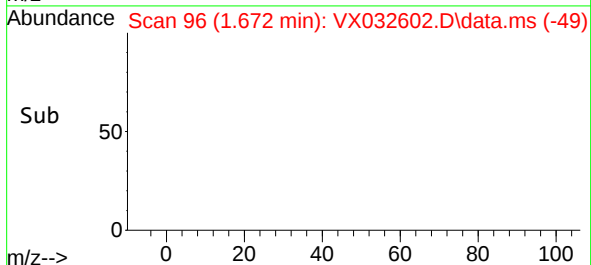
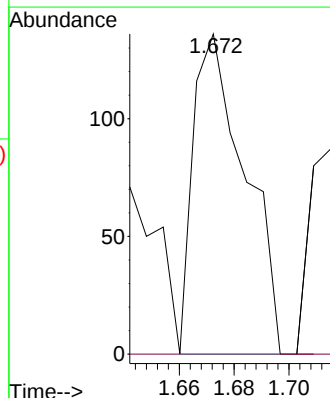
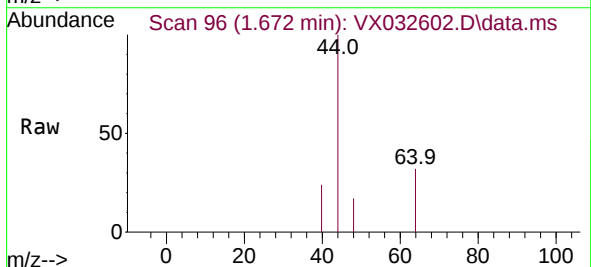


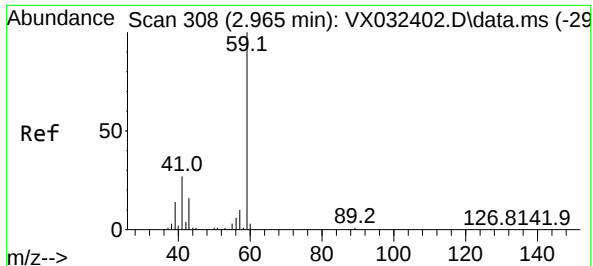
Tgt Ion:168 Resp: 116528
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#6
Chloroethane
Concen: 0.212 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

Tgt Ion: 64 Resp: 178
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 5.262 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032602.D

Acq: 05 Nov 2022 04:00

Instrument :

MSVOA_X

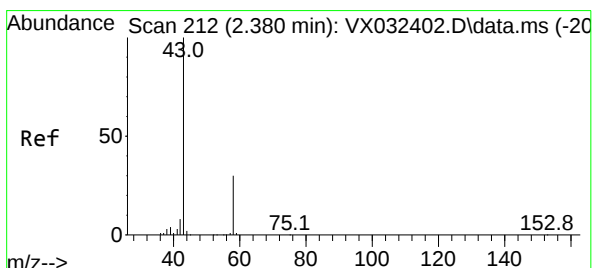
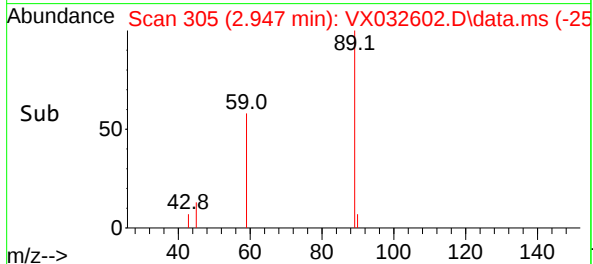
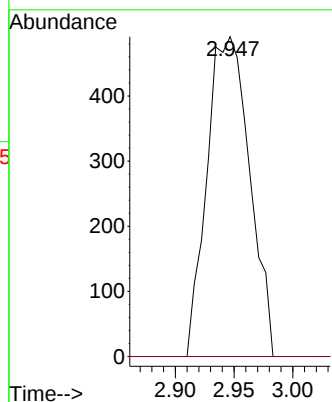
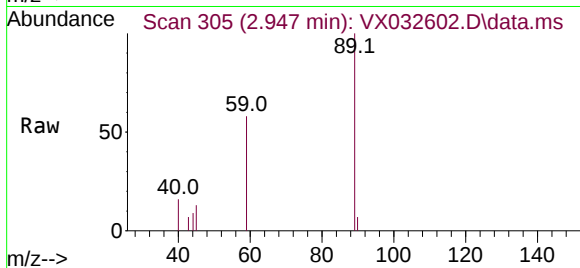
ClientSampleId :

Tgt Ion: 59 Resp: 1240

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.682 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX032602.D

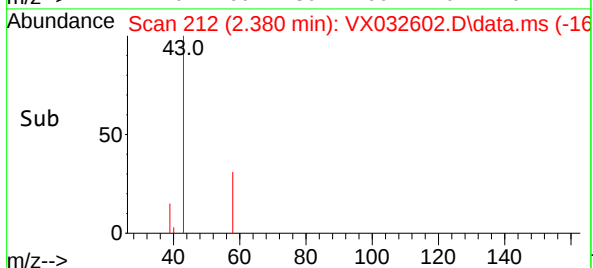
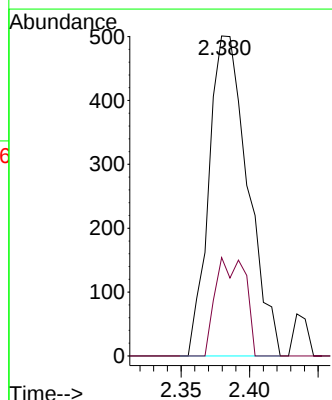
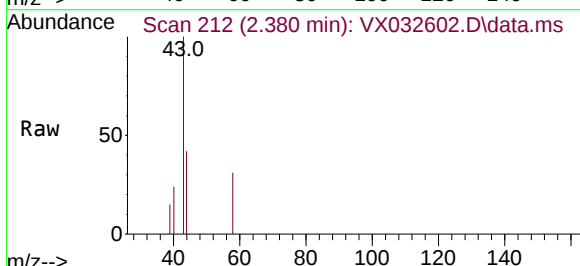
Acq: 05 Nov 2022 04:00

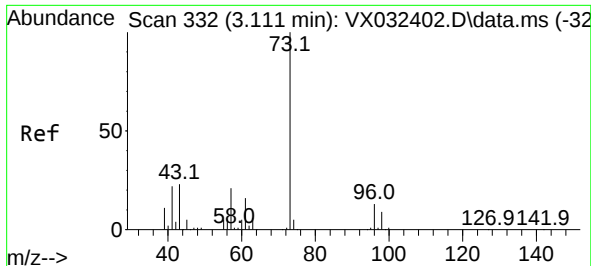
Tgt Ion: 43 Resp: 990

Ion Ratio Lower Upper

43 100

58 30.7 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 1.279 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX032602.D

Acq: 05 Nov 2022 04:00

Instrument :

MSVOA_X

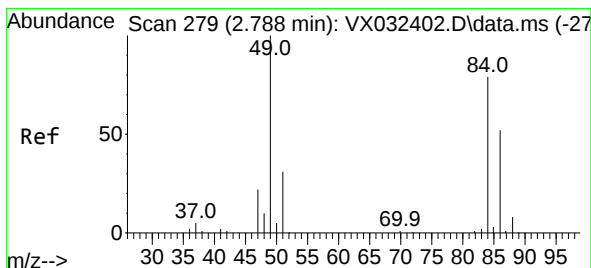
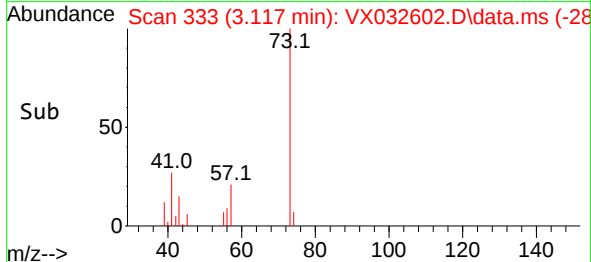
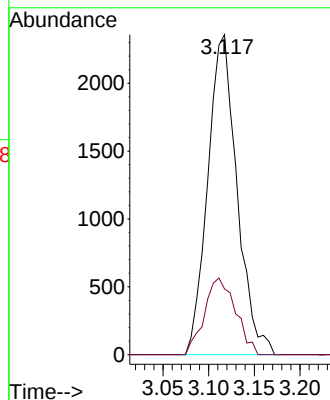
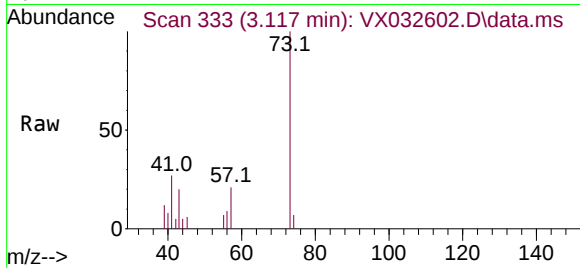
ClientSampleId :

Tgt Ion: 73 Resp: 5252

Ion Ratio Lower Upper

73 100

57 20.5 16.6 25.0



#20

Methylene Chloride

Concen: 0.714 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032602.D

Acq: 05 Nov 2022 04:00

Tgt Ion: 84 Resp: 963

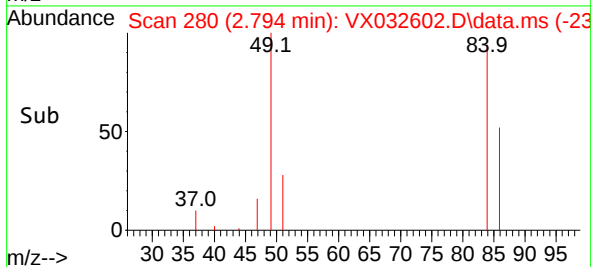
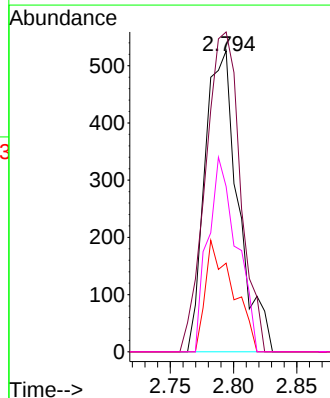
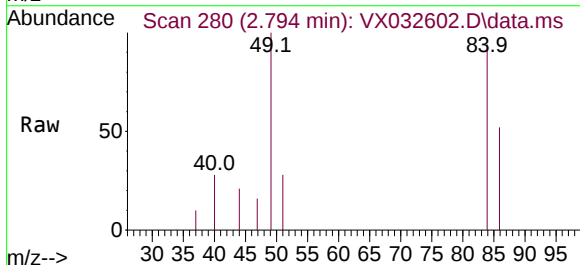
Ion Ratio Lower Upper

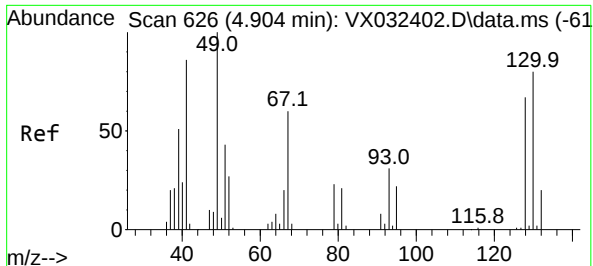
84 100

49 106.3 101.0 151.6

51 29.5 31.1 46.7#

86 54.9 52.3 78.5





#28

Bromochloromethane

Concen: 0.952 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.189 min

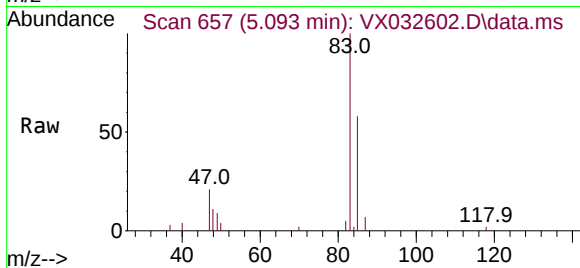
Lab File: VX032602.D

Acq: 05 Nov 2022 04:00

Instrument :

MSVOA_X

ClientSampleId :



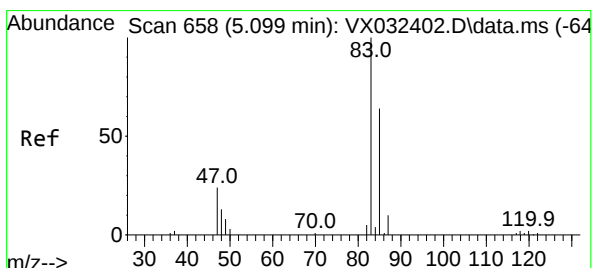
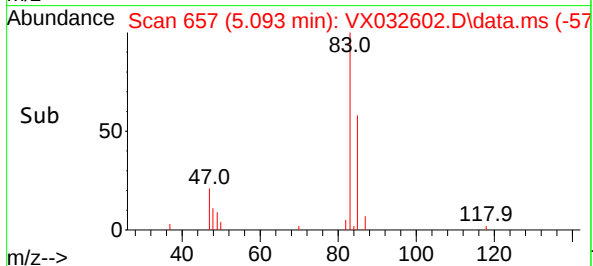
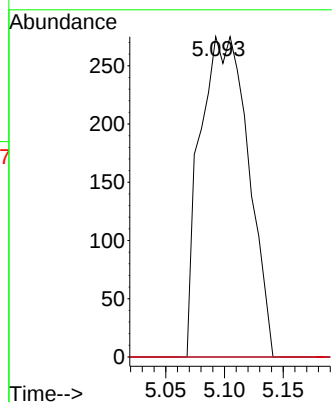
Tgt Ion: 49 Resp: 786

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 67.5 101.3#



#30

Chloroform

Concen: 3.649 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032602.D

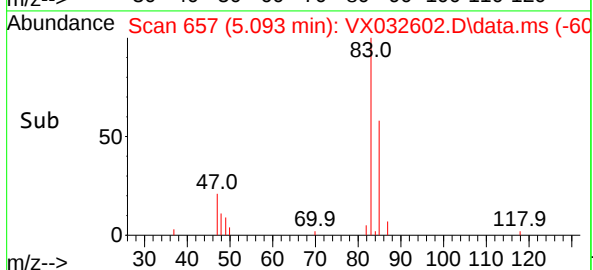
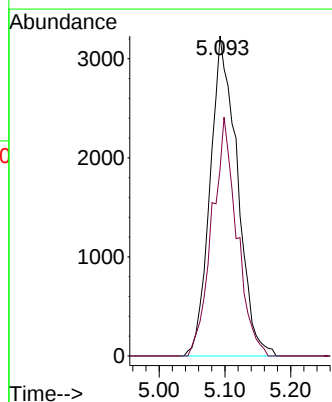
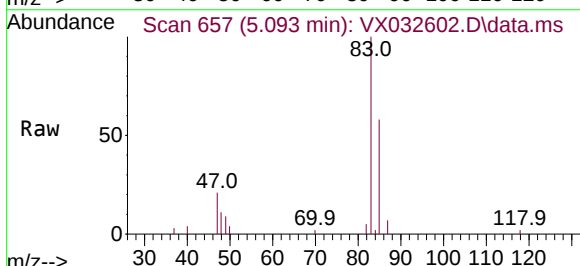
Acq: 05 Nov 2022 04:00

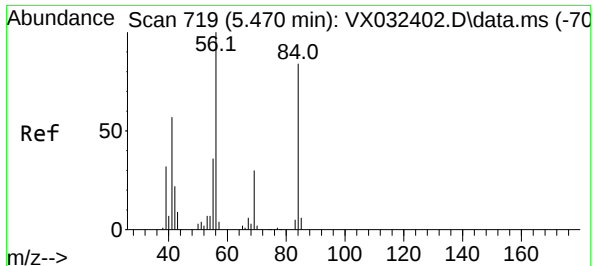
Tgt Ion: 83 Resp: 9279

Ion Ratio Lower Upper

83 100

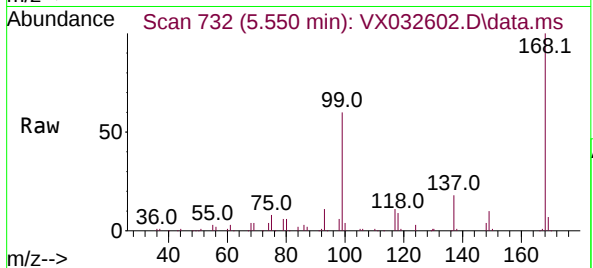
85 58.3 51.1 76.7



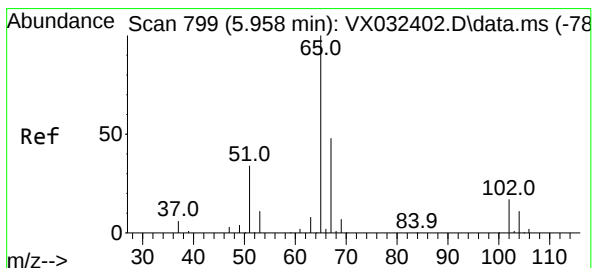
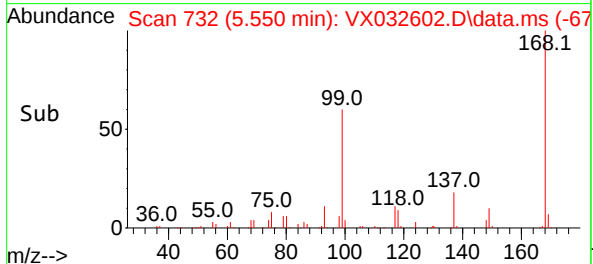
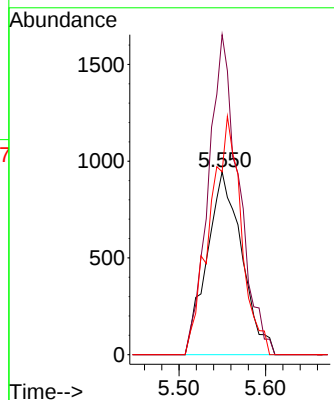


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

Instrument :
MSVOA_X
ClientSampleId :

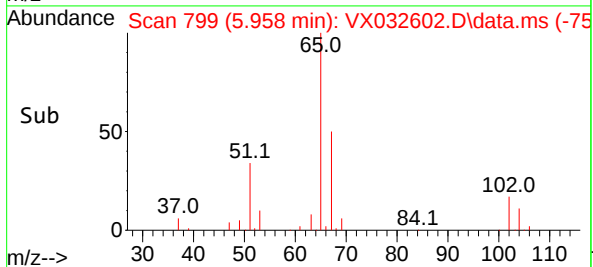
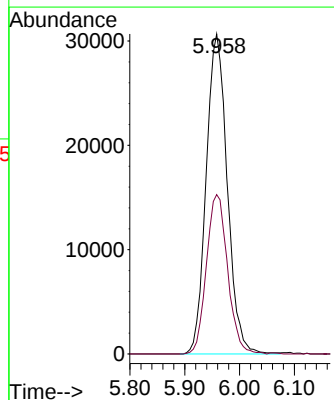
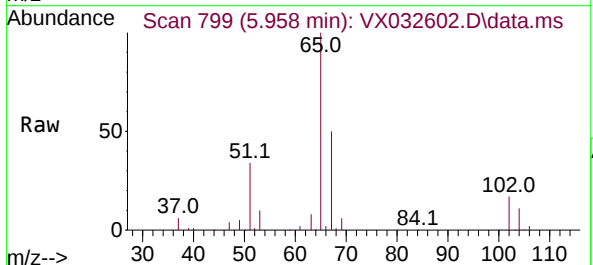


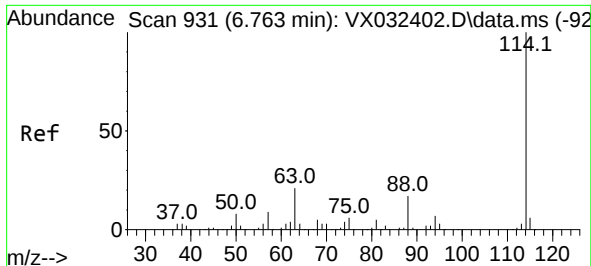
Tgt Ion: 56 Resp: 2626
Ion Ratio Lower Upper
56 100
69 175.0 24.1 36.1#
84 100.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.538 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

Tgt Ion: 65 Resp: 81828
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

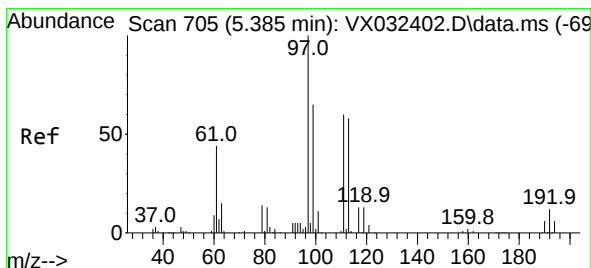
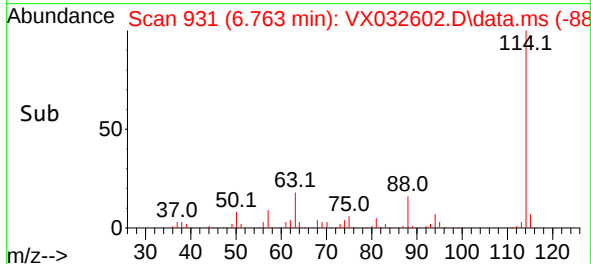
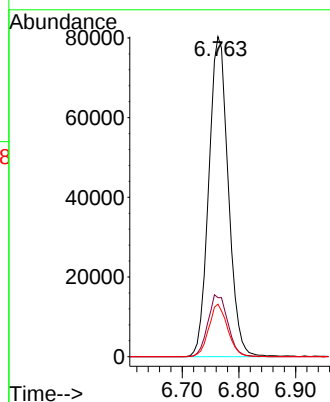
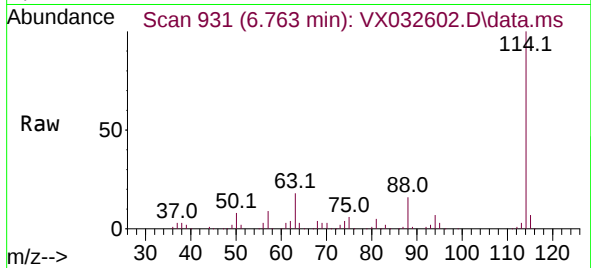




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

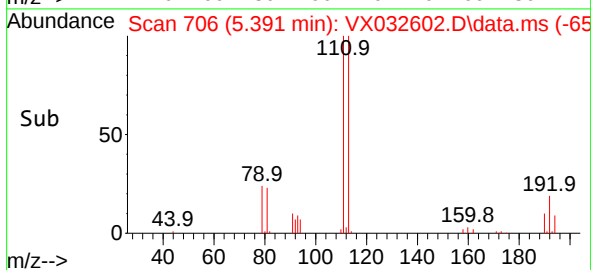
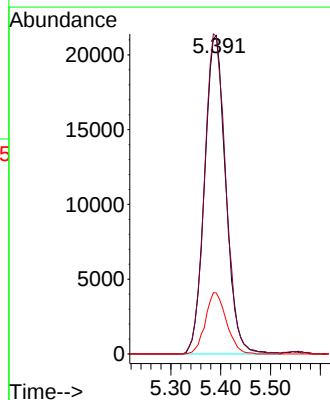
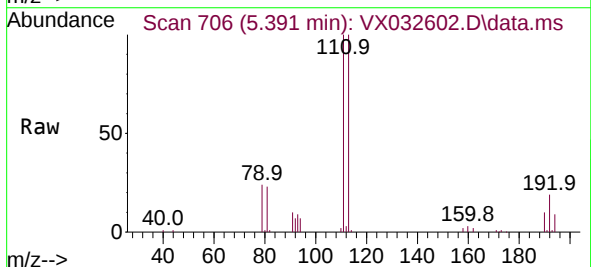
Instrument :
MSVOA_X
ClientSampleId :

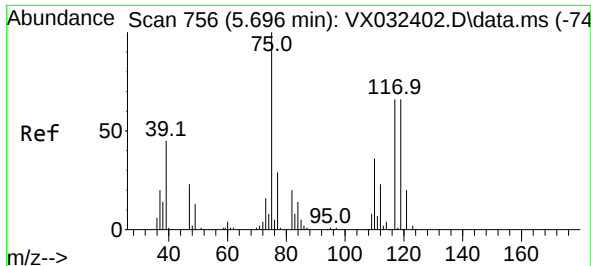
Tgt Ion:114 Resp: 191634
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.863 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

Tgt Ion:113 Resp: 62692
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 19.1 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.877 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032602.D

Acq: 05 Nov 2022 04:00

Instrument :

MSVOA_X

ClientSampleId :

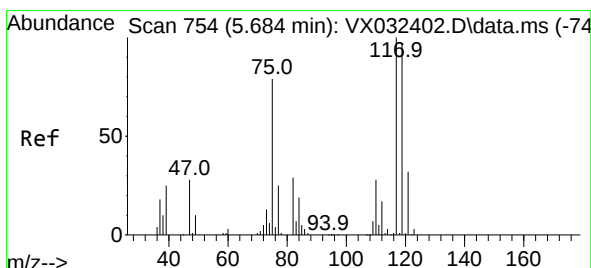
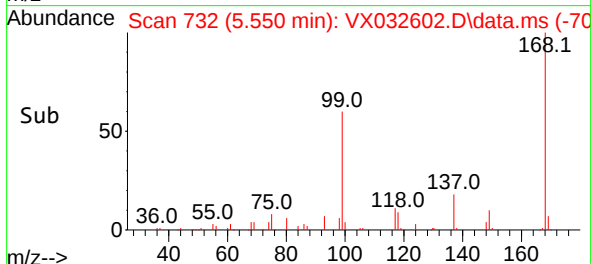
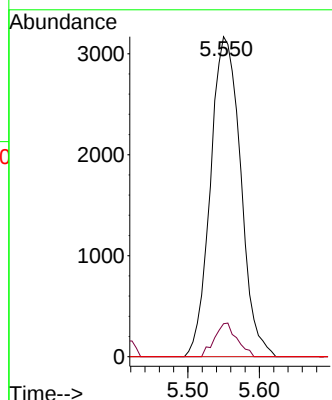
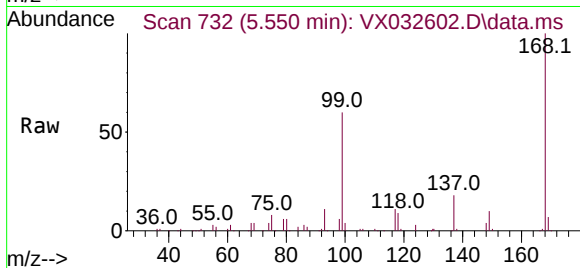
Tgt Ion: 75 Resp: 9283

Ion Ratio Lower Upper

75 100

110 7.7 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.812 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032602.D

Acq: 05 Nov 2022 04:00

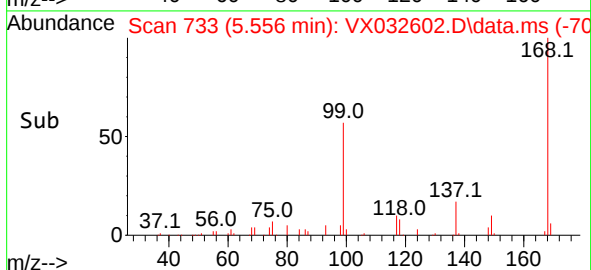
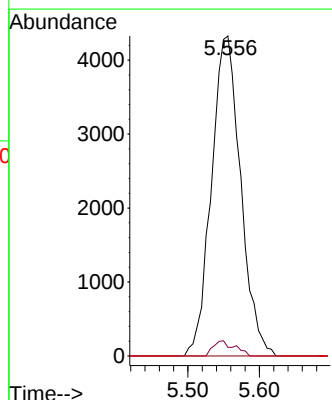
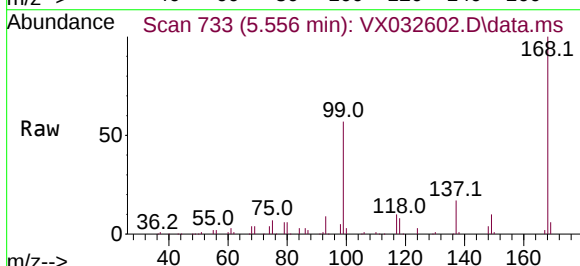
Tgt Ion:117 Resp: 12270

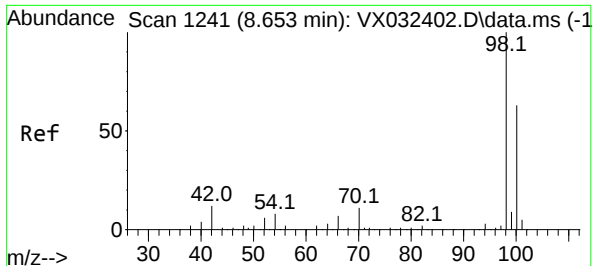
Ion Ratio Lower Upper

117 100

119 2.7 77.2 115.8#

121 0.0 25.8 38.6#

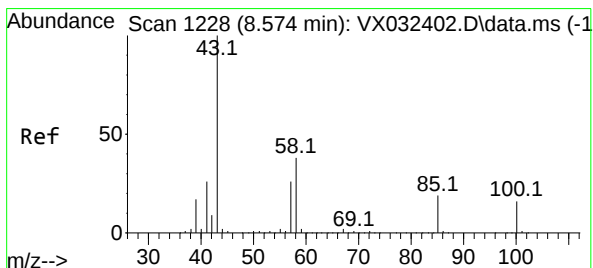
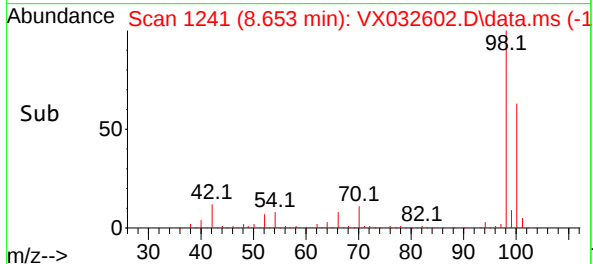
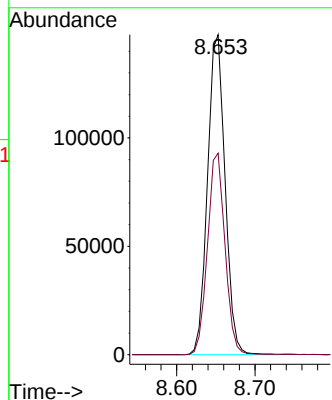
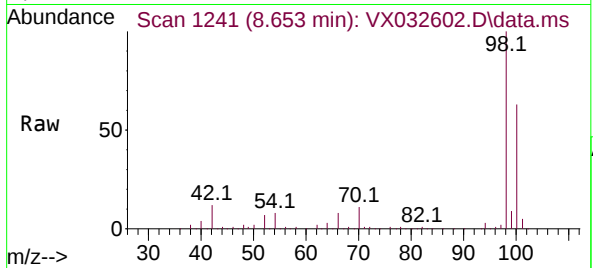




#50
Toluene-d8
Concen: 48.211 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

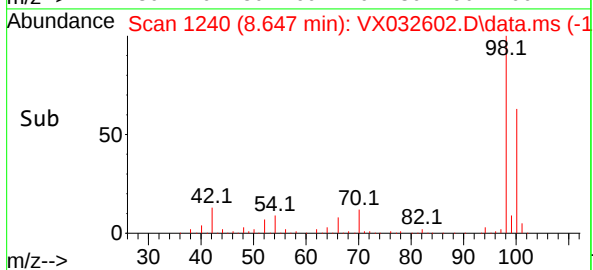
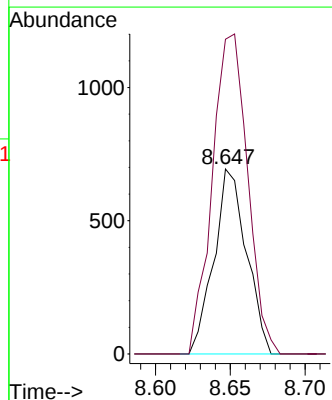
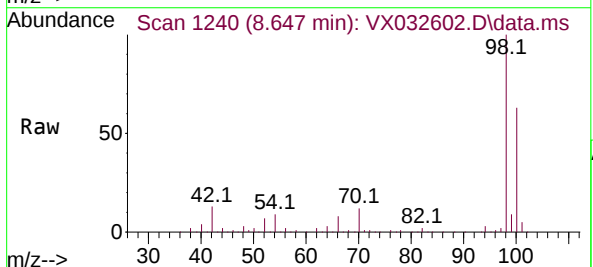
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MSVOA_X
ClientSampleId :

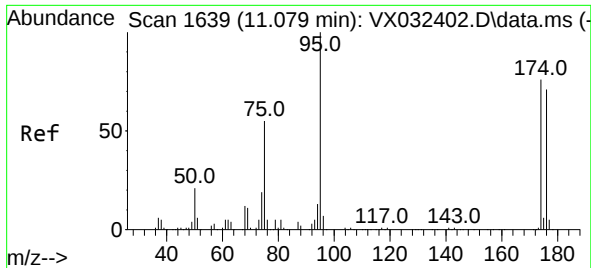
Tgt Ion: 98 Resp: 229154
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 187.9 30.9 46.3#

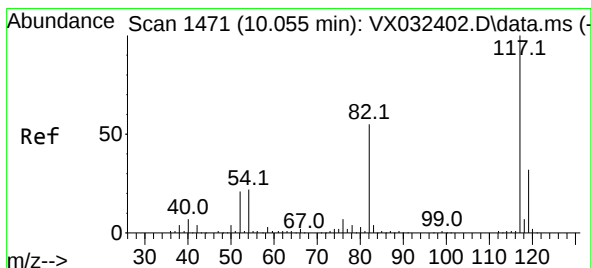
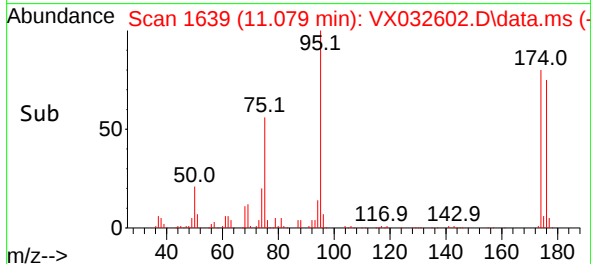
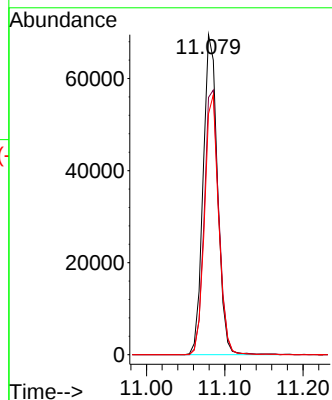
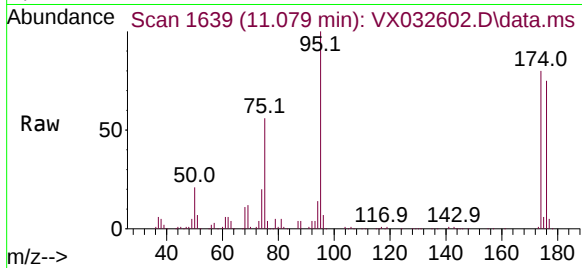




#62
4-Bromofluorobenzene
Concen: 47.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

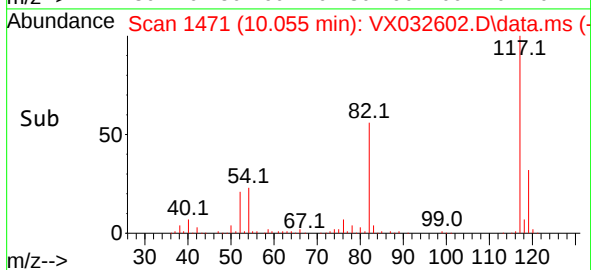
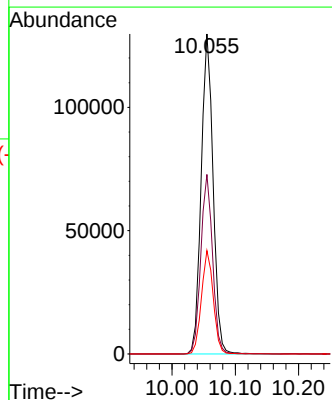
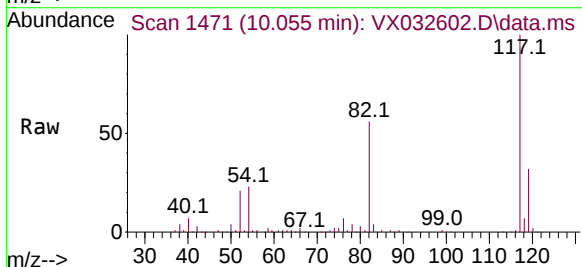
Instrument :
MSVOA_X
ClientSampleId :

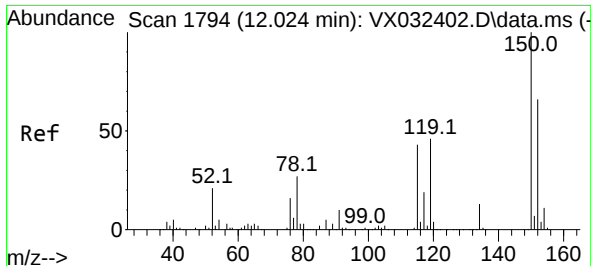
Tgt Ion: 95 Resp: 88553
Ion Ratio Lower Upper
95 100
174 83.6 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032602.D
Acq: 05 Nov 2022 04:00

Tgt Ion: 117 Resp: 169938
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.3 25.7 38.5

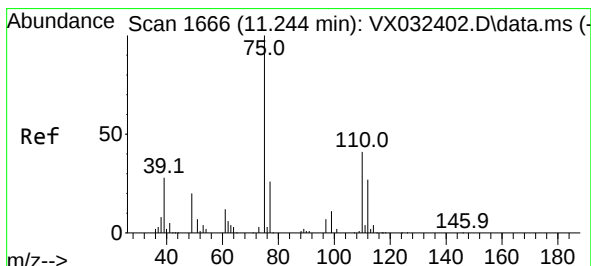
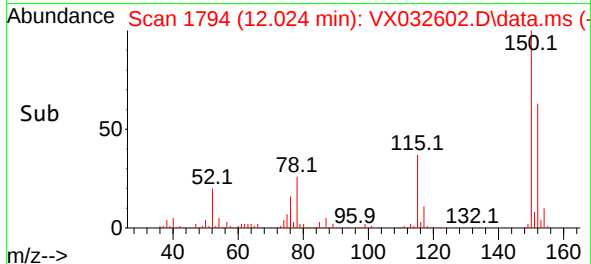
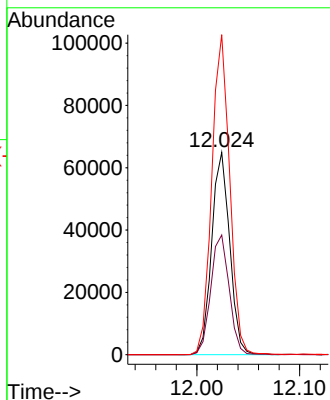
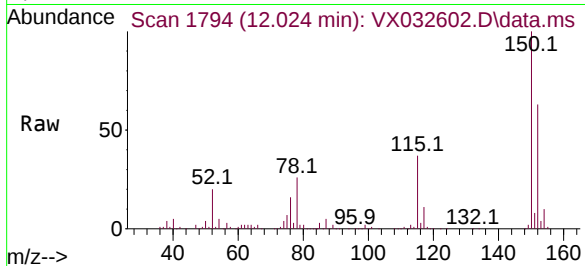




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032602.D
 Acq: 05 Nov 2022 04:00

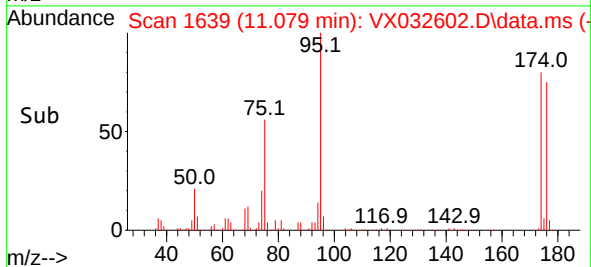
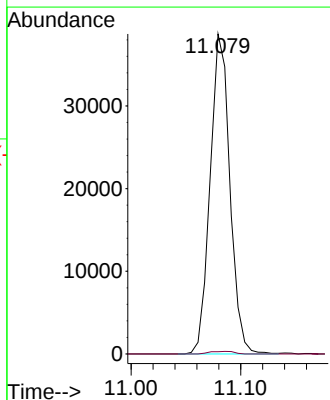
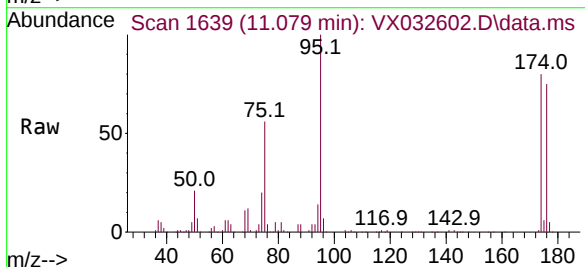
Instrument :
 MSVOA_X
 ClientSampleId :

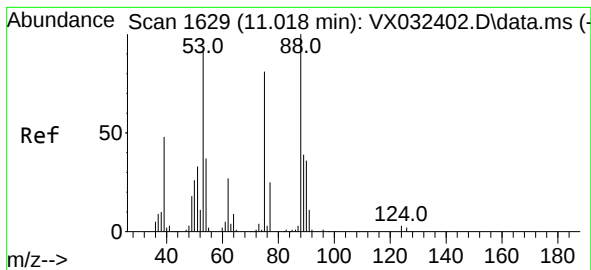
Tgt Ion:152 Resp: 78885
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.0 132.0
 150 157.3 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.625 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032602.D
 Acq: 05 Nov 2022 04:00

Tgt Ion: 75 Resp: 48481
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.902 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032602.D
 Acq: 05 Nov 2022 04:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 48481
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

