

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032603.D
 Acq On : 05 Nov 2022 04:23
 Operator : JC/MD
 Sample : N5483-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 07 05:08:37 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)

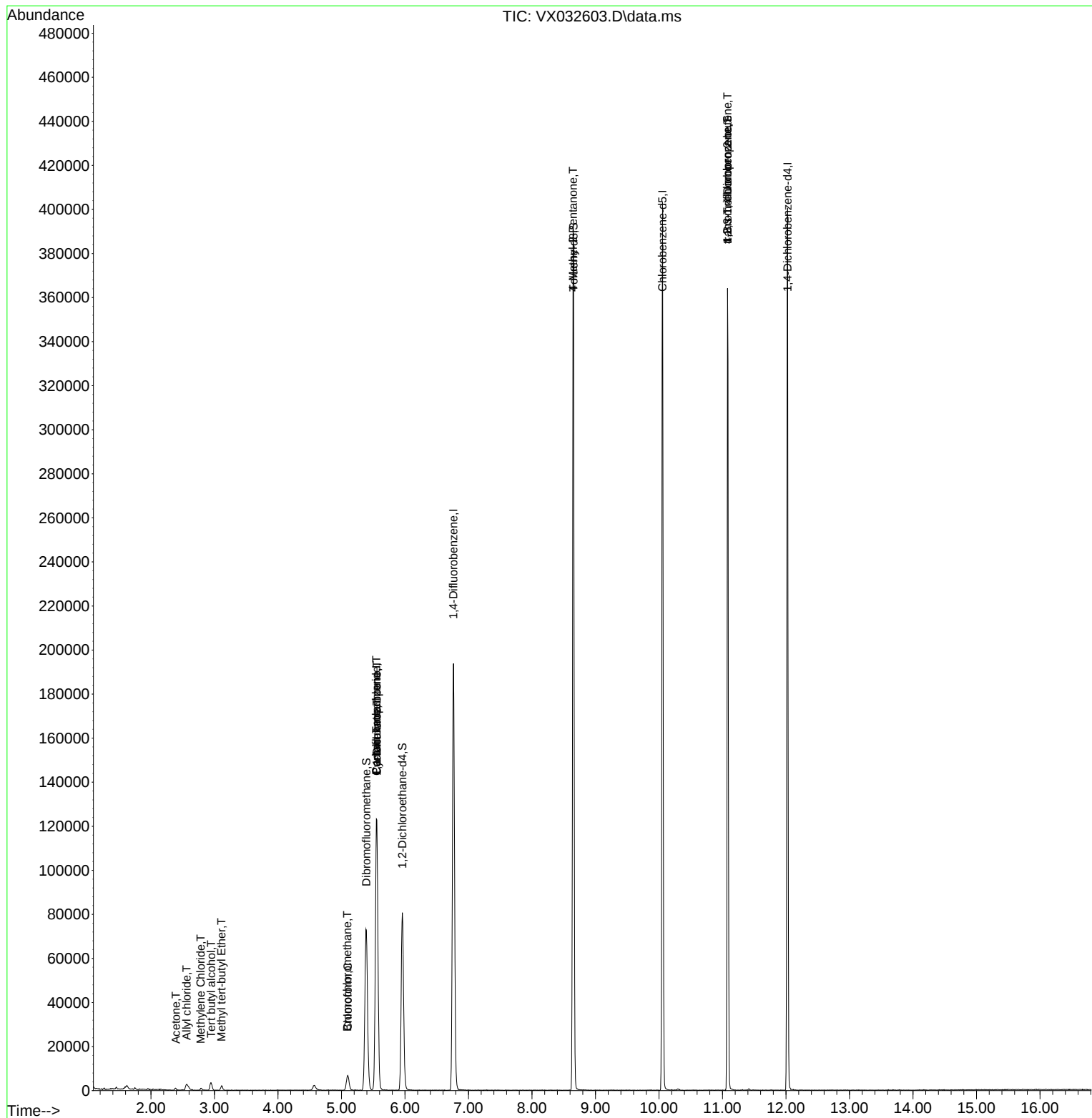
Internal Standards						
1) Pentafluorobenzene	5.550	168	116950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81807	50.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.680%	
35) Dibromofluoromethane	5.391	113	62940	45.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.900%	
50) Toluene-d8	8.653	98	233424	48.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	11.079	95	91885	48.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2182	9.226	ug/l #	72
14) Allyl chloride	2.563	41	505	0.270	ug/l #	70
16) Acetone	2.392	43	1198	2.028	ug/l #	84
19) Methyl tert-butyl Ether	3.111	73	2128	0.516	ug/l	96
20) Methylene Chloride	2.782	84	474	0.350	ug/l #	57
28) Bromochloromethane	5.093	49	447	0.540	ug/l #	9
30) Chloroform	5.099	83	8344	3.269	ug/l	94
31) Cyclohexane	5.556	56	2609	1.324	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9285	4.815	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12598	5.890	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1090	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50113	27.348	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50113	87.023	ug/l #	6

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

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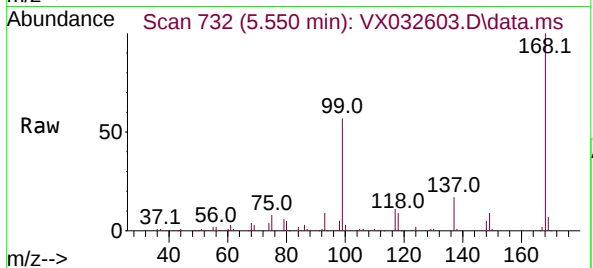
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
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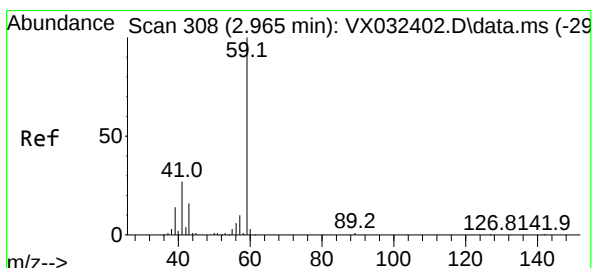
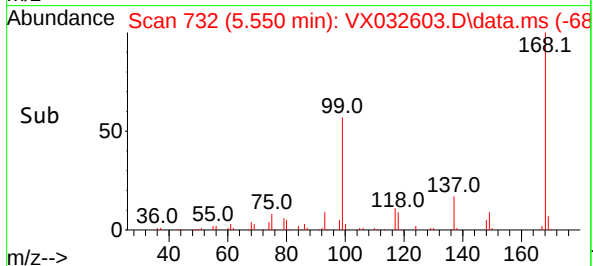
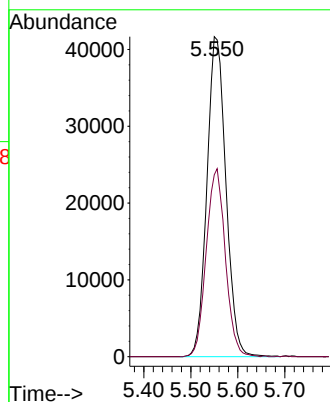


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Instrument :
MSVOA_X
ClientSampleId :

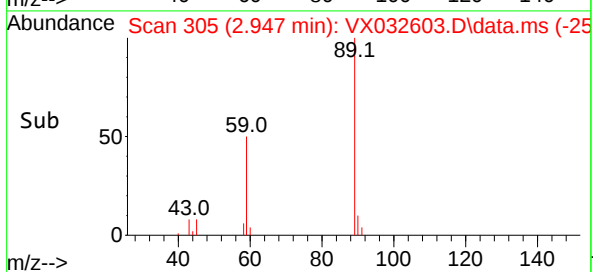
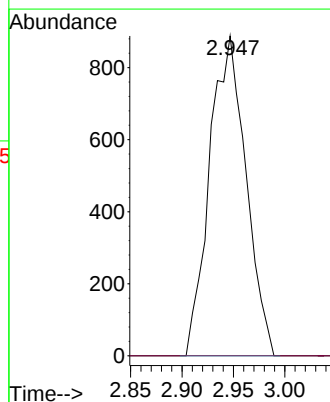
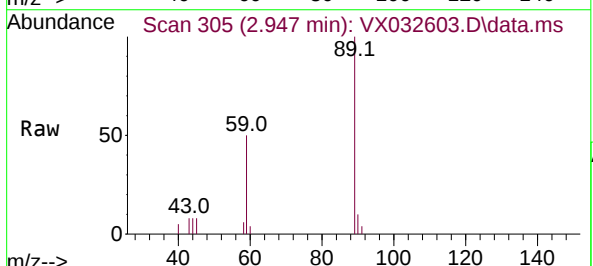


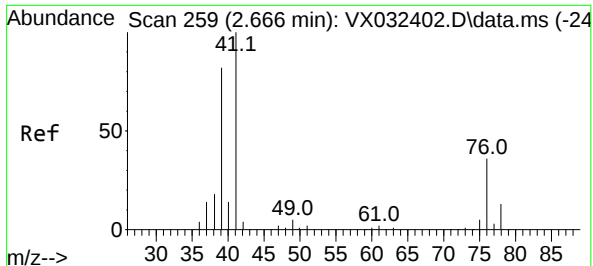
Tgt Ion:168 Resp: 116950
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 9.226 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

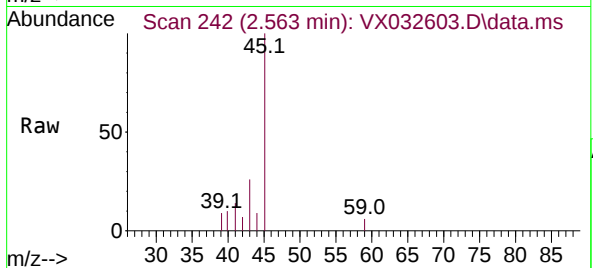
Tgt Ion: 59 Resp: 2182
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



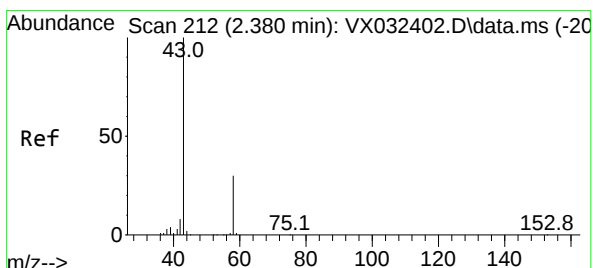
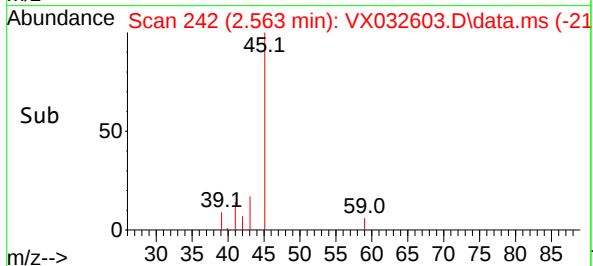
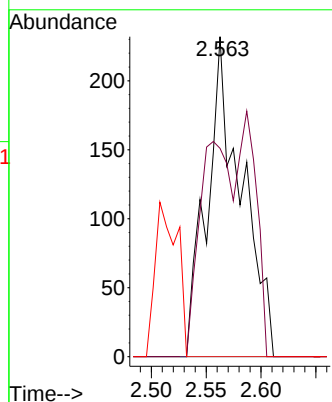


#14
 Allyl chloride
 Concen: 0.270 ug/l
 RT: 2.563 min Scan# 24
 Delta R.T. -0.103 min
 Lab File: VX032603.D
 Acq: 05 Nov 2022 04:23

Instrument :
 MSVOA_X
 ClientSampleId :

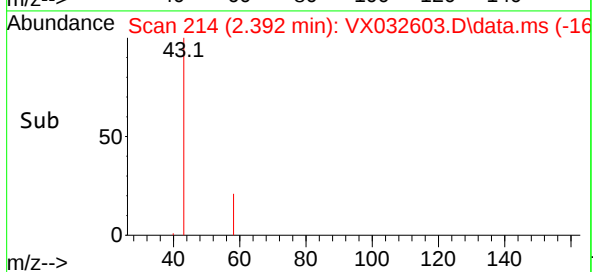
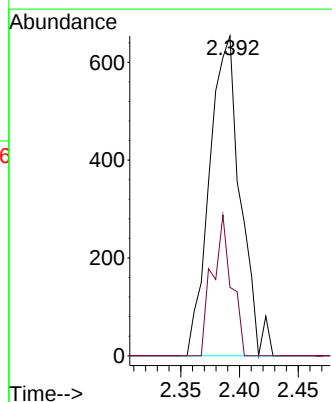
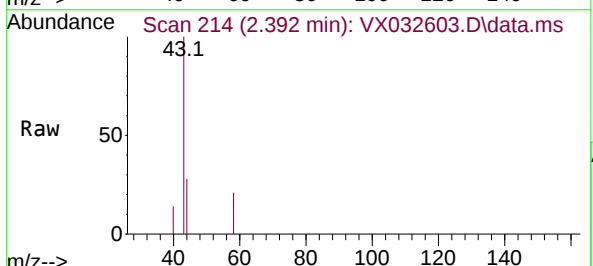


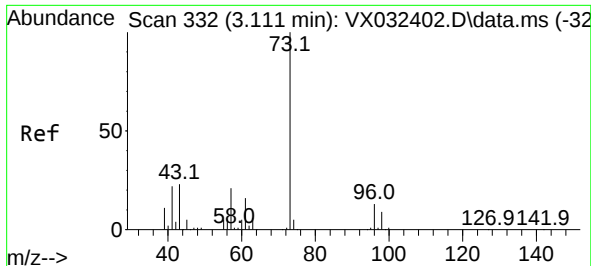
Tgt Ion: 41 Resp: 505
 Ion Ratio Lower Upper
 41 100
 39 63.4 61.4 92.2
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 2.028 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VX032603.D
 Acq: 05 Nov 2022 04:23

Tgt Ion: 43 Resp: 1198
 Ion Ratio Lower Upper
 43 100
 58 21.4 23.8 35.8#





#19

Methyl tert-butyl Ether

Concen: 0.516 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032603.D

Acq: 05 Nov 2022 04:23

Instrument :

MSVOA_X

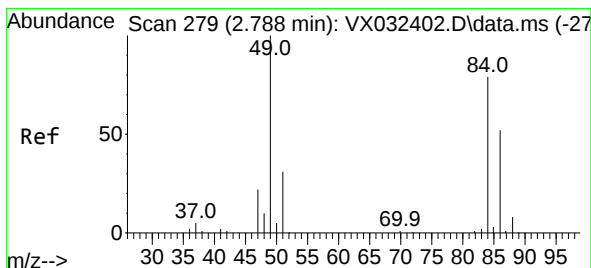
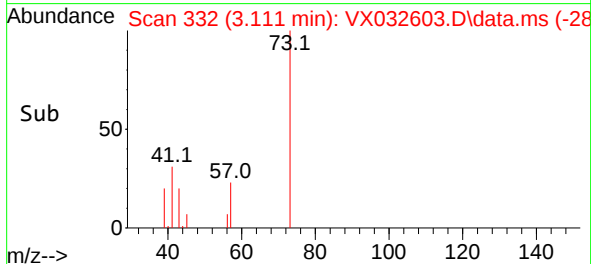
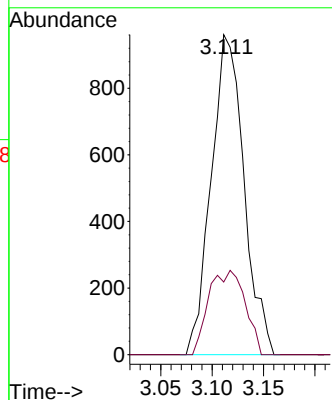
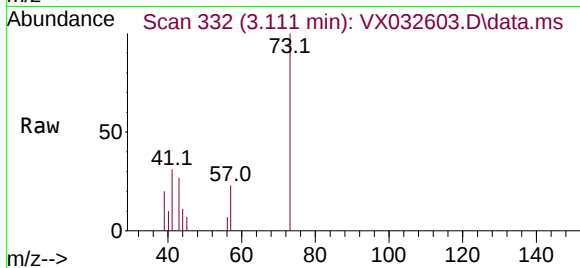
ClientSampleId :

Tgt Ion: 73 Resp: 2128

Ion Ratio Lower Upper

73 100

57 22.7 16.6 25.0



#20

Methylene Chloride

Concen: 0.350 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX032603.D

Acq: 05 Nov 2022 04:23

Tgt Ion: 84 Resp: 474

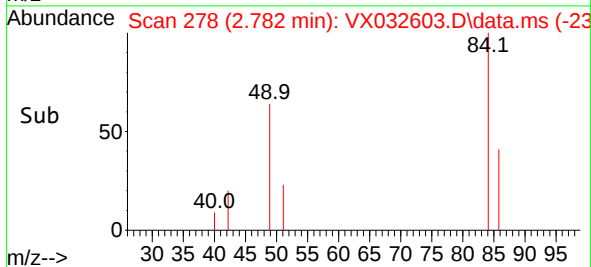
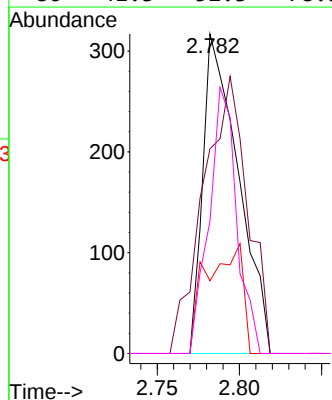
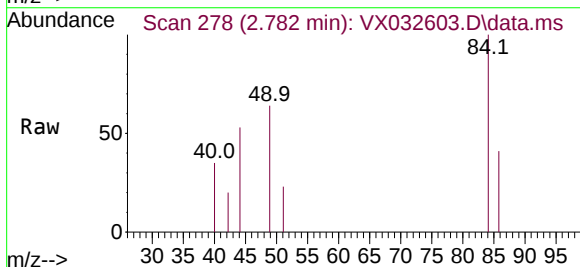
Ion Ratio Lower Upper

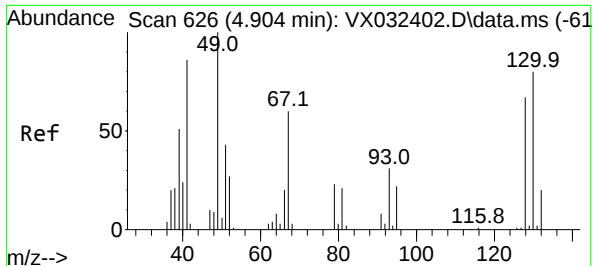
84 100

49 64.0 101.0 151.6#

51 22.7 31.1 46.7#

86 41.3 52.3 78.5#





#28

Bromochloromethane

Concen: 0.540 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.189 min

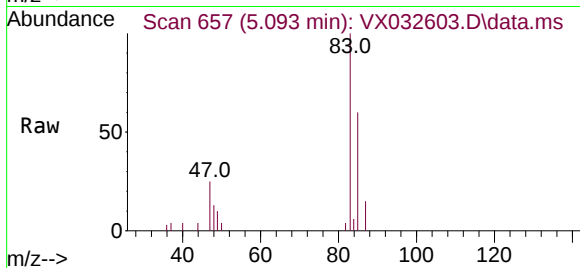
Lab File: VX032603.D

Acq: 05 Nov 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :



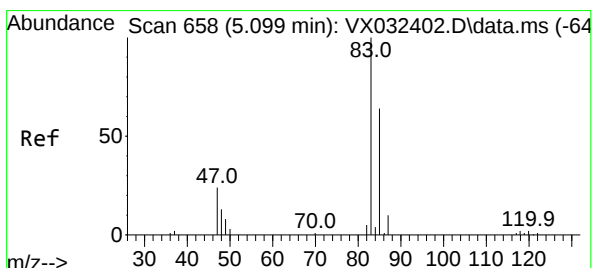
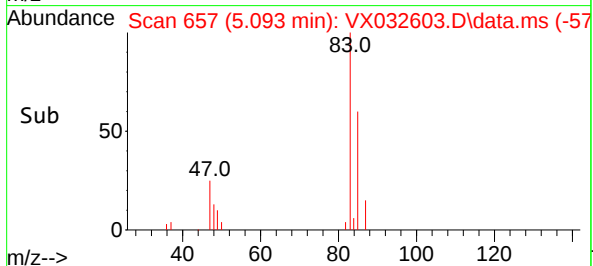
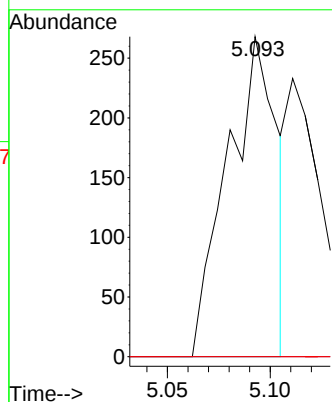
Tgt Ion: 49 Resp: 447

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 67.5 101.3#



#30

Chloroform

Concen: 3.269 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX032603.D

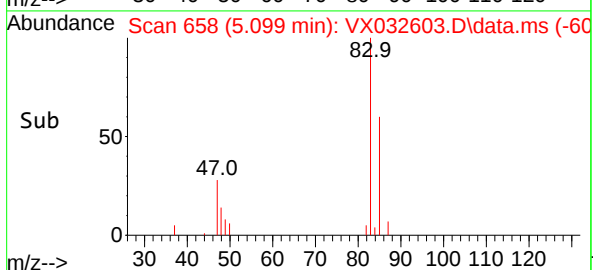
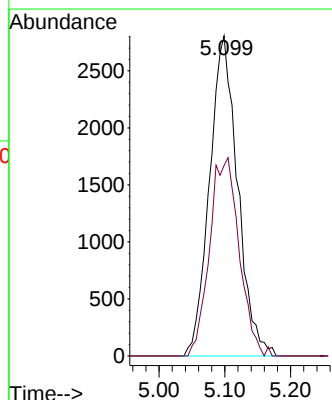
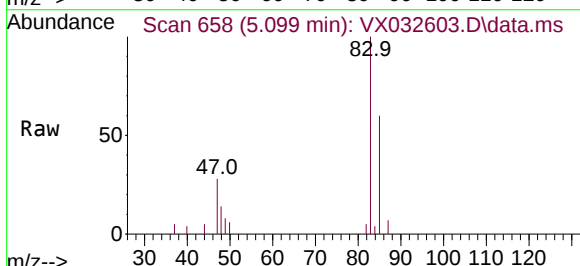
Acq: 05 Nov 2022 04:23

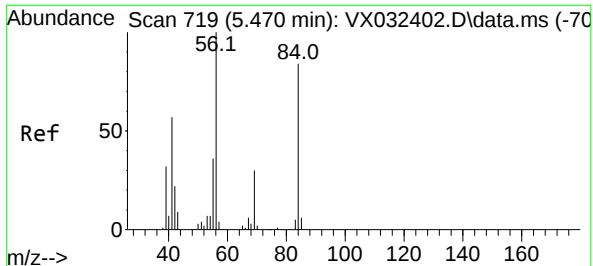
Tgt Ion: 83 Resp: 8344

Ion Ratio Lower Upper

83 100

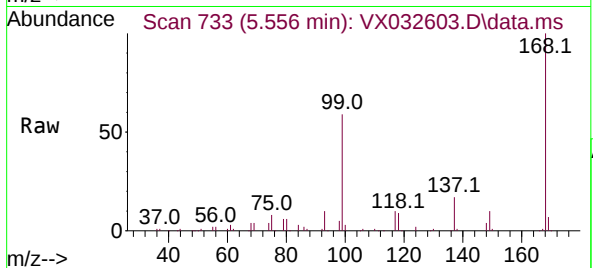
85 59.5 51.1 76.7



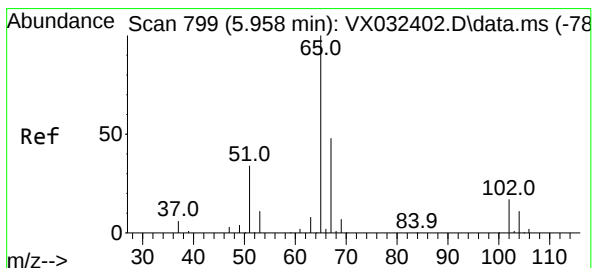
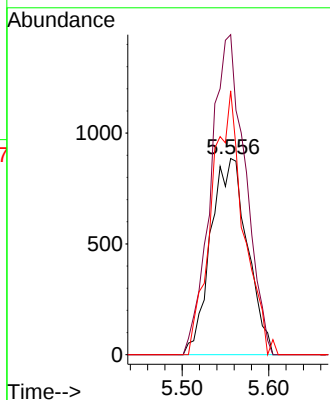
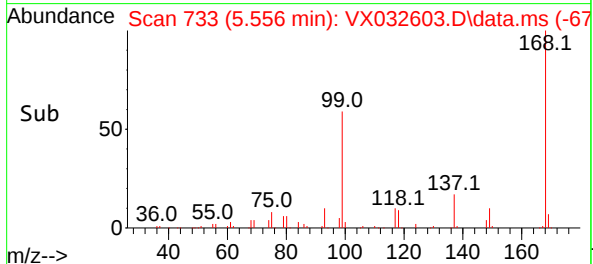


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Instrument :
MSVOA_X
ClientSampleId :

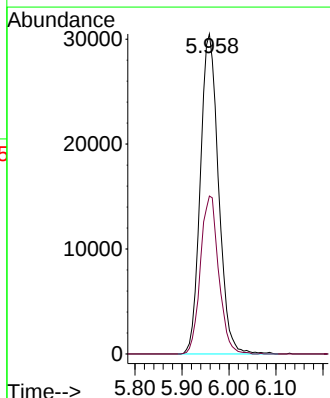
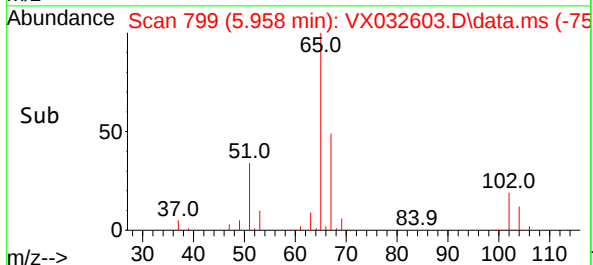
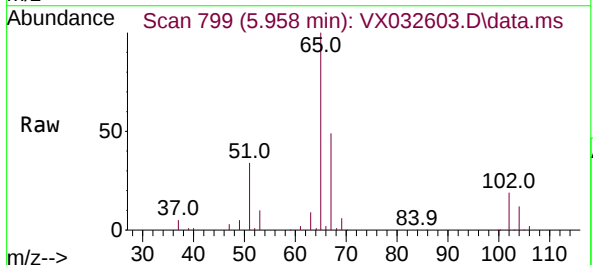


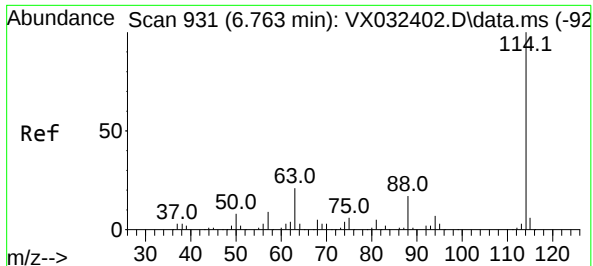
Tgt Ion: 56 Resp: 2609
Ion Ratio Lower Upper
56 100
69 163.2 24.1 36.1#
84 134.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.343 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Tgt Ion: 65 Resp: 81807
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

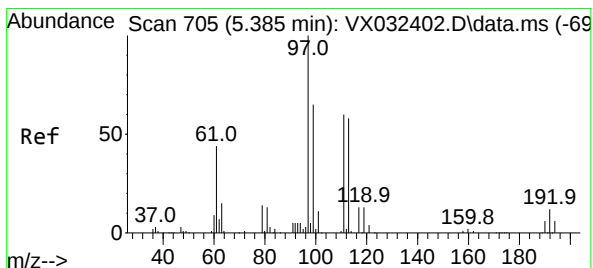
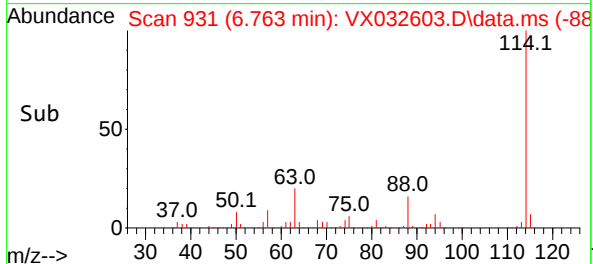
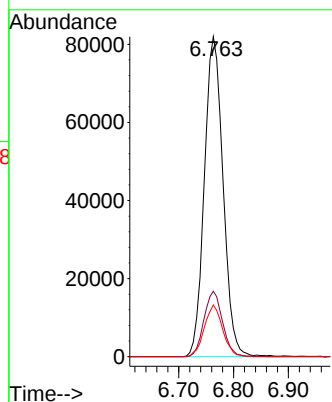
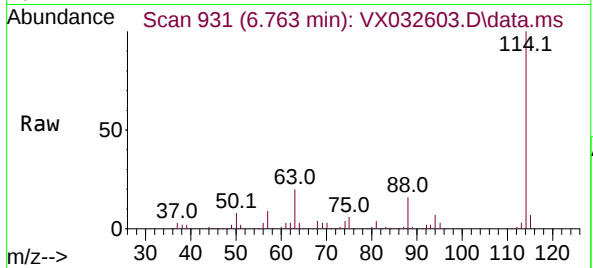




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

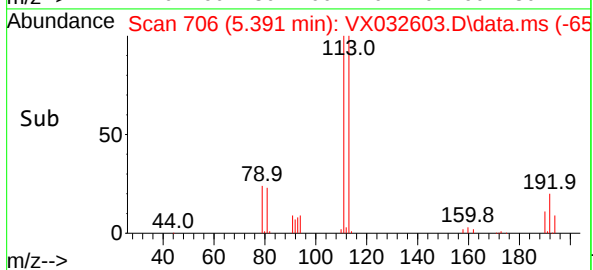
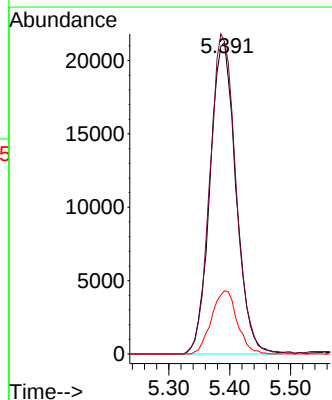
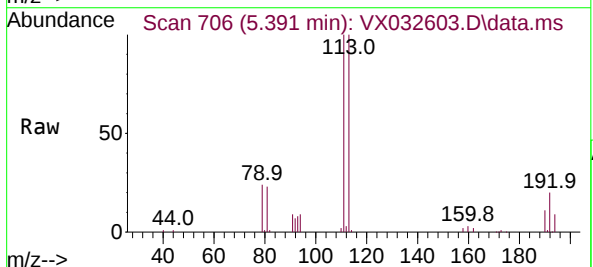
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MSVOA_X
ClientSampleId :

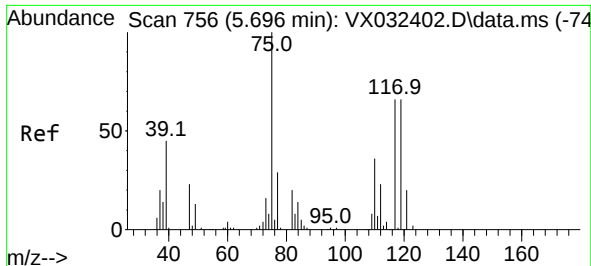
Tgt Ion:114 Resp: 194141
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.450 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Tgt Ion:113 Resp: 62940
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 20.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.815 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032603.D

Acq: 05 Nov 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

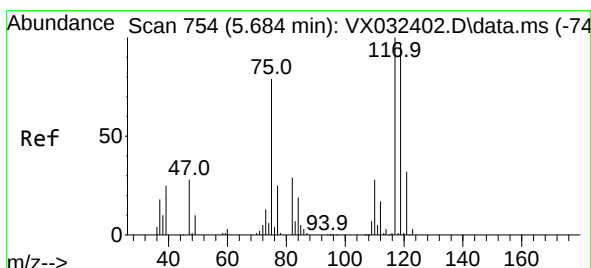
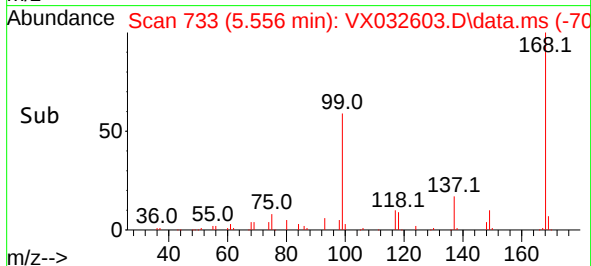
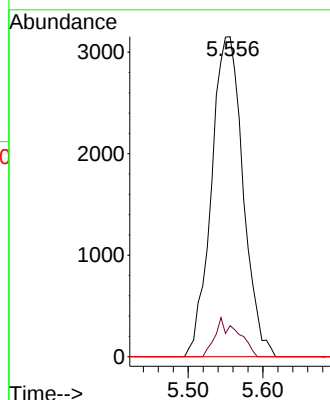
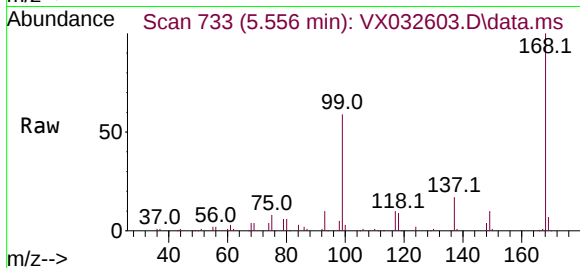
Tgt Ion: 75 Resp: 9285

Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.890 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX032603.D

Acq: 05 Nov 2022 04:23

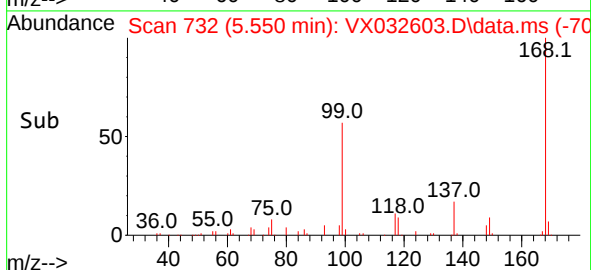
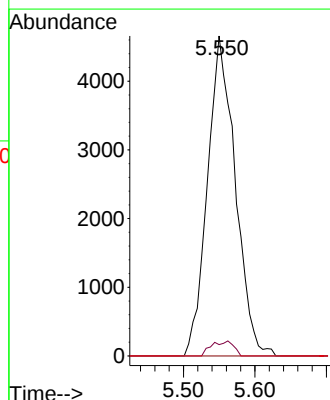
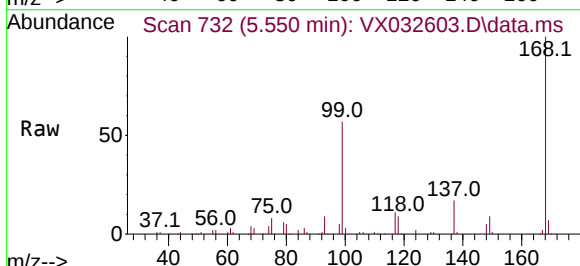
Tgt Ion: 117 Resp: 12598

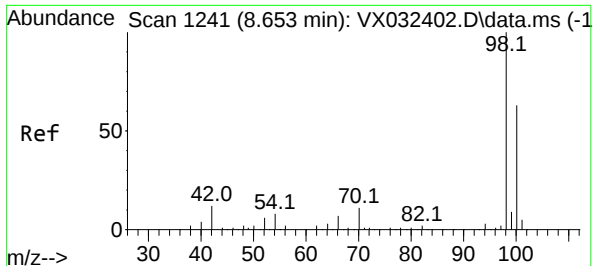
Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

121 0.0 25.8 38.6#

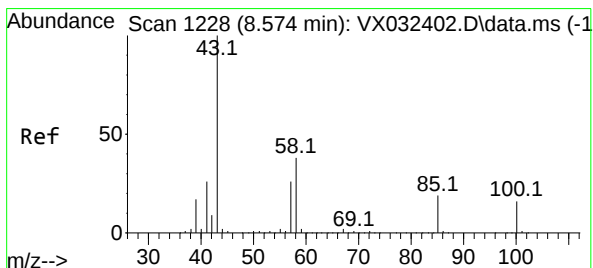
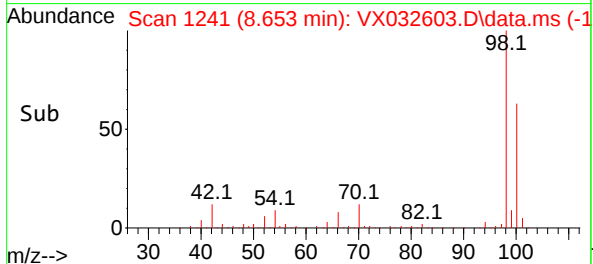
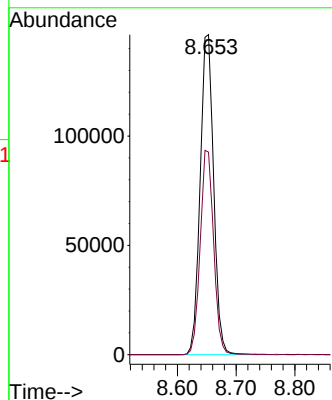
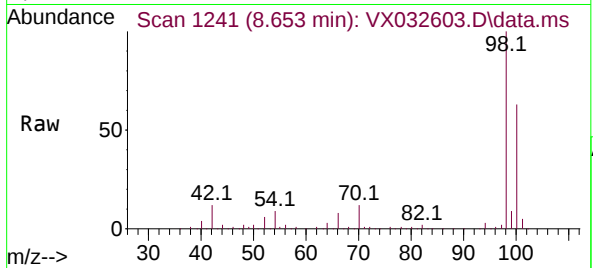




#50
Toluene-d8
Concen: 48.475 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

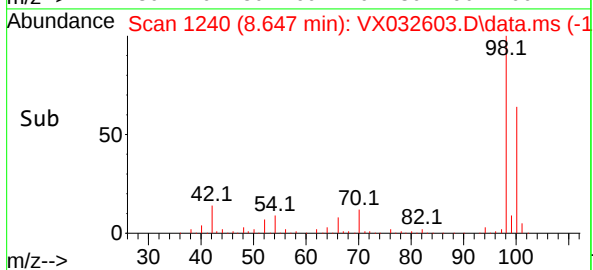
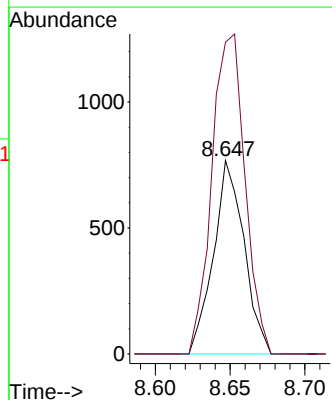
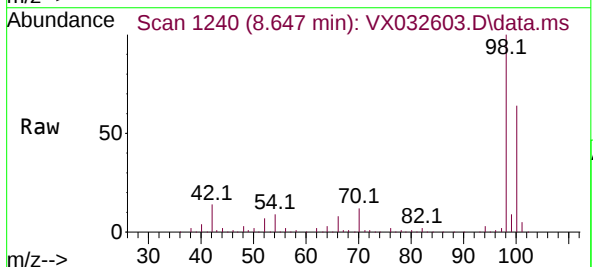
Instrument :
MSVOA_X
ClientSampleId :

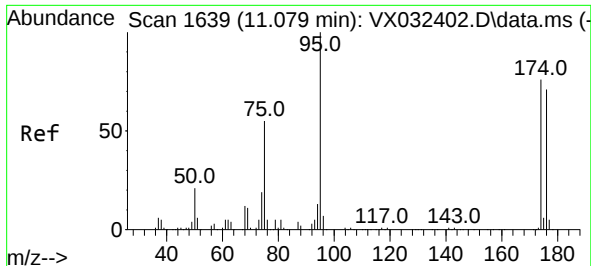
Tgt Ion: 98 Resp: 233424
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 179.3 30.9 46.3#

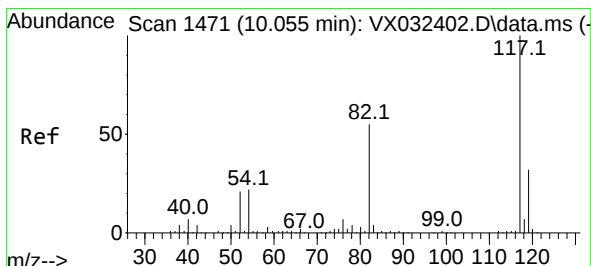
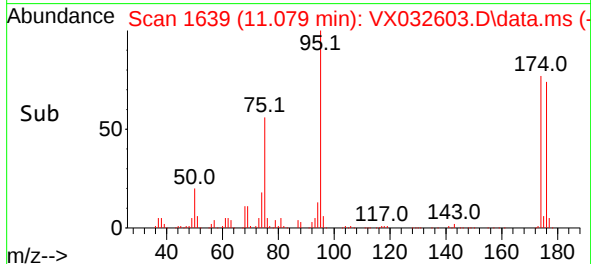
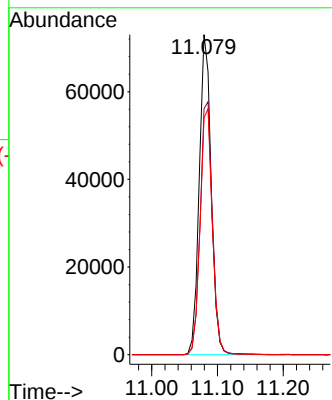
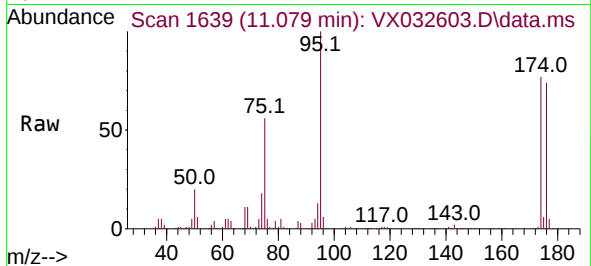




#62
4-Bromofluorobenzene
Concen: 48.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

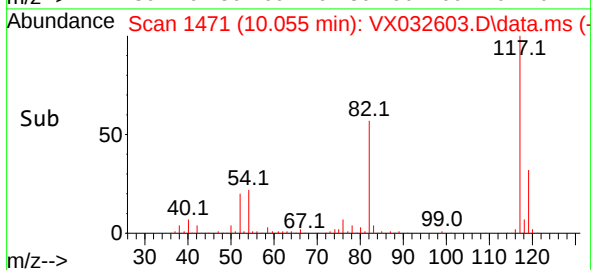
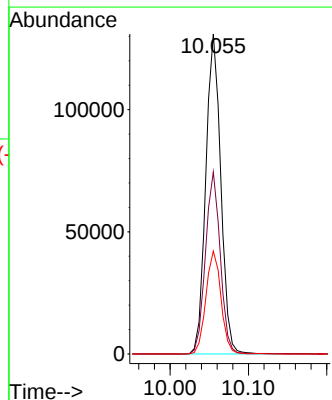
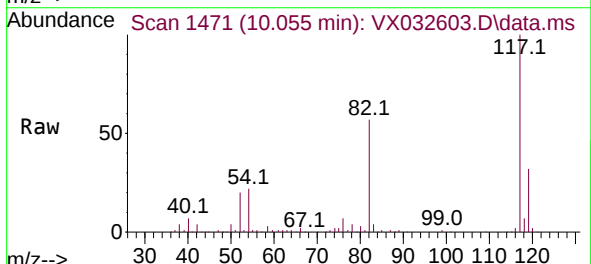
Instrument :
MSVOA_X
ClientSampleId :

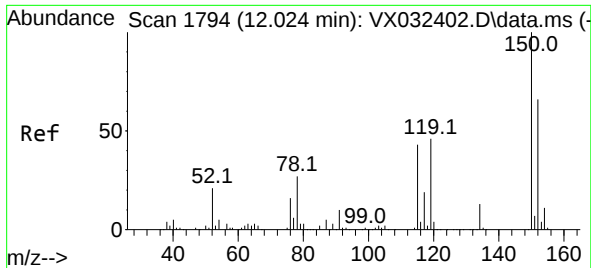
Tgt Ion: 95 Resp: 91885
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 79.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

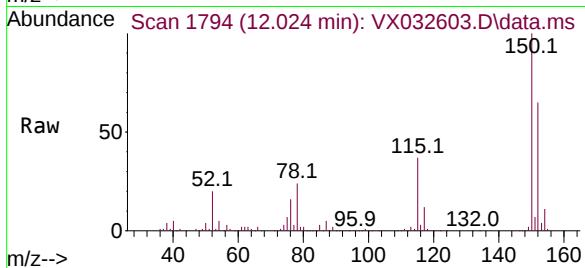
Tgt Ion: 117 Resp: 173839
Ion Ratio Lower Upper
117 100
82 56.9 44.3 66.5
119 32.2 25.7 38.5



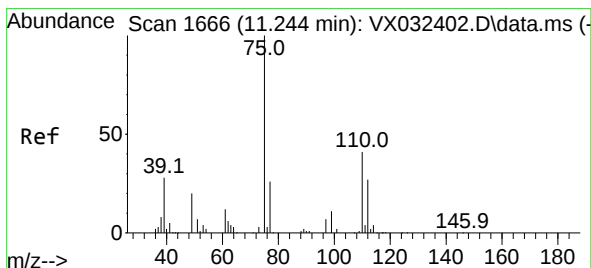
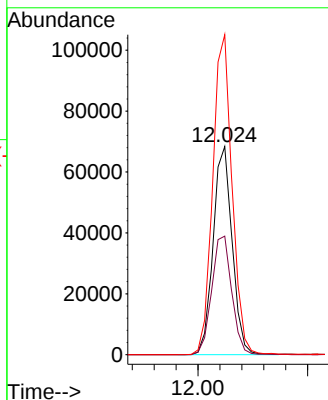
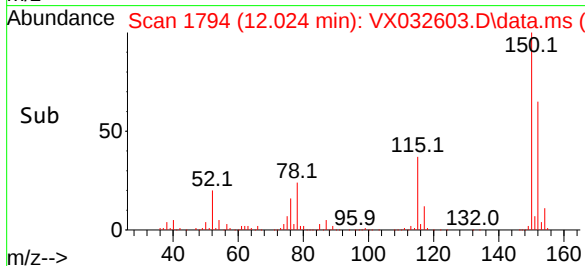


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Instrument :
MSVOA_X
ClientSampleId :

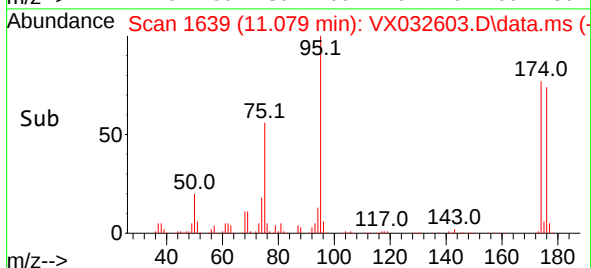
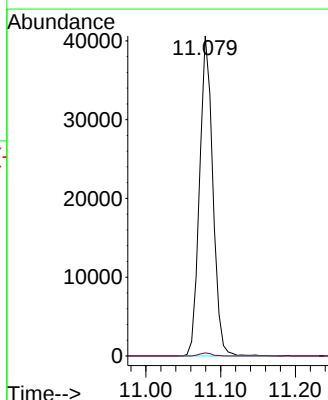
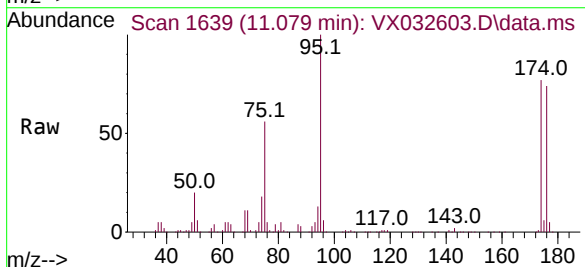


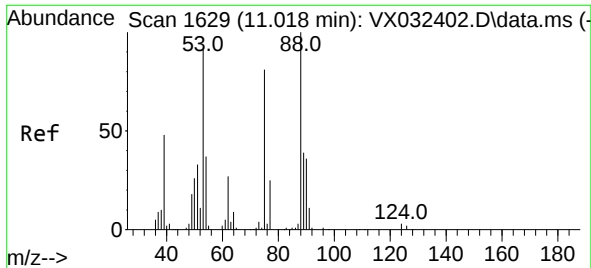
Tgt Ion:152 Resp: 82364
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 156.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

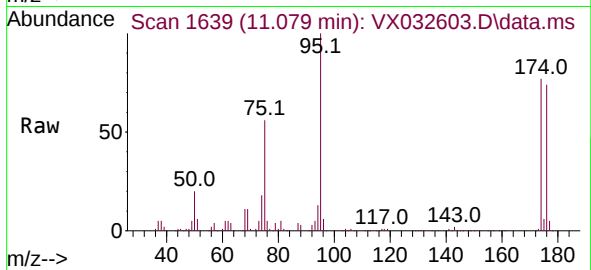
Tgt Ion: 75 Resp: 50113
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.023 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032603.D
 Acq: 05 Nov 2022 04:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 50113
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

