

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032770.D
 Acq On : 11 Nov 2022 13:28
 Operator : JC/MD
 Sample : N5534-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-3(OW)

Quant Time: Nov 14 05:12:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

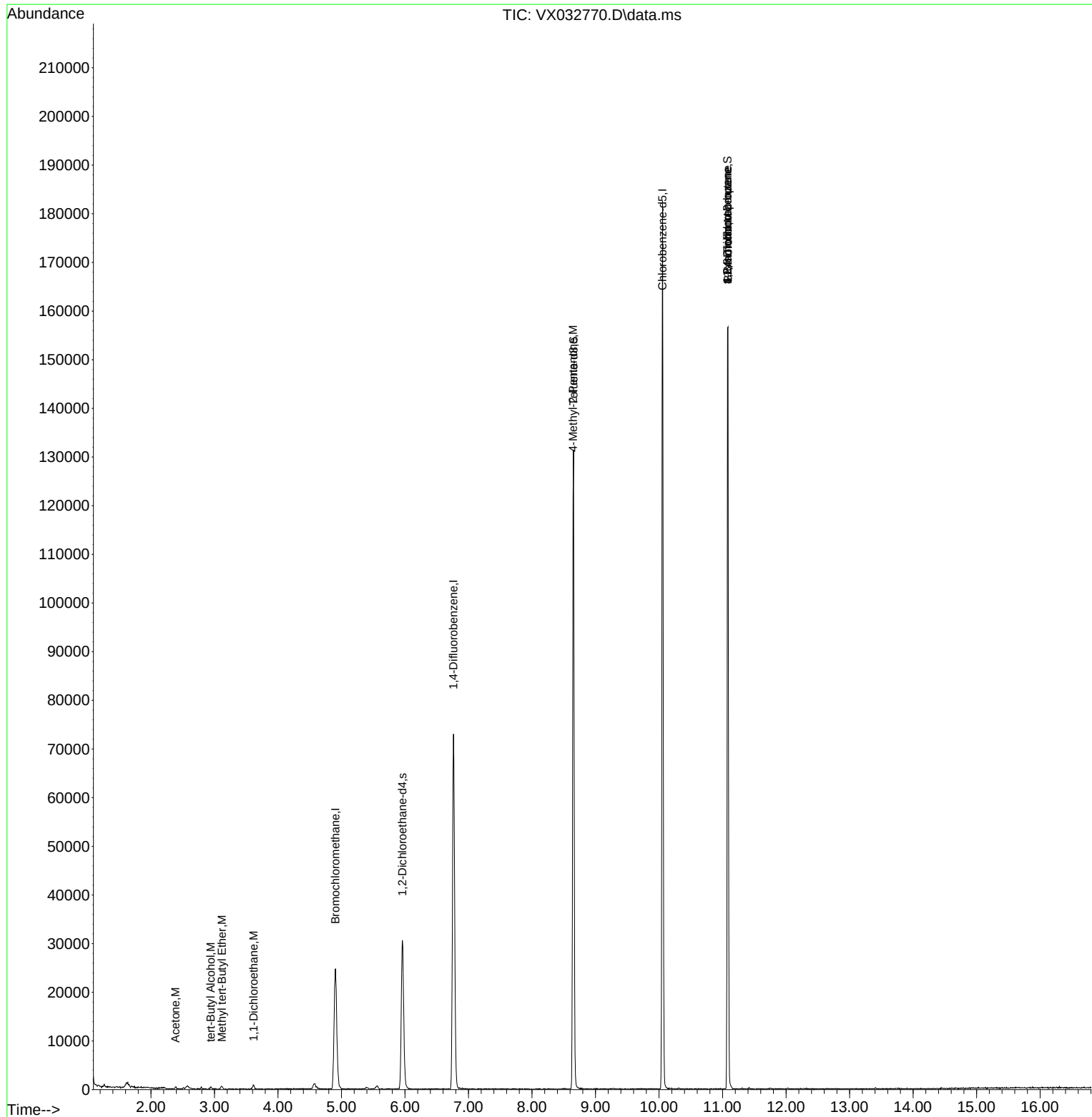
Internal Standards						
1) Bromochloromethane	4.903	128	10663	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	73761	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	77719	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	31087	30.220	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.733%
60) 4-Bromofluorobenzene	11.079	95	41047	27.610	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.033%
63) Toluene-d8	8.653	98	79066	30.145	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.500%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	137	0.956	ug/l #	40
21) 1,1-Dichloroethane	3.617	63	1132	0.546	ug/l #	78
23) tert-Butyl Alcohol	2.940	59	234	1.308	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	777	0.209	ug/l #	87
56) Bromoform	11.085	173	356	0.373	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	386	0.254	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	22204	14.583	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	22204	47.789	ug/l #	8

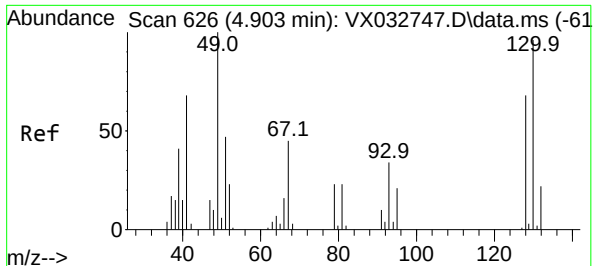
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
Response via : Initial Calibration

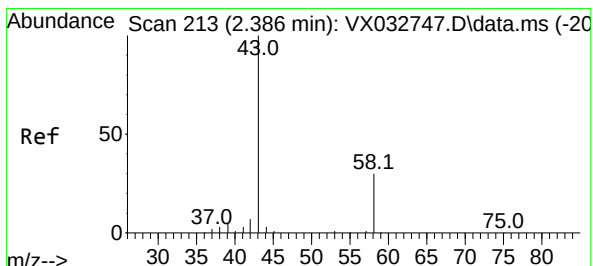
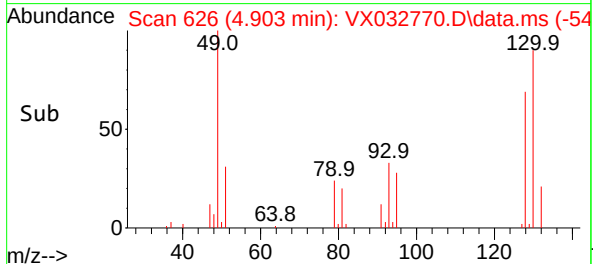
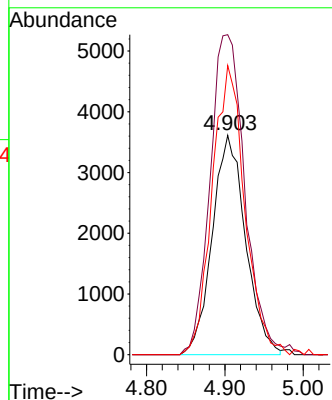
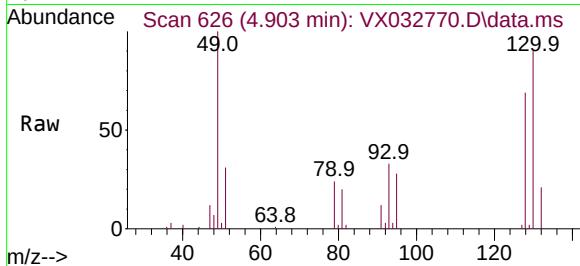




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

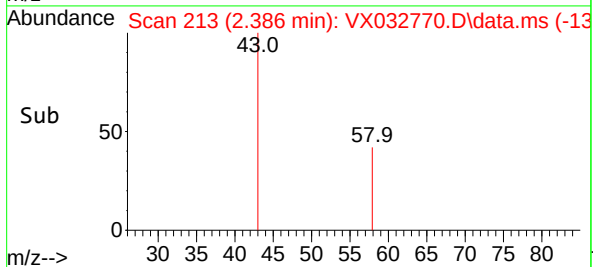
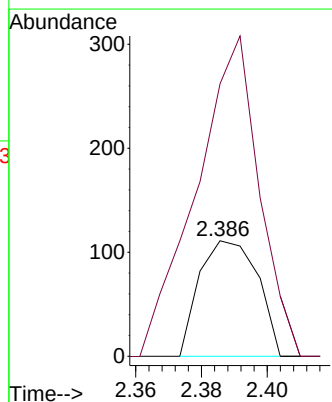
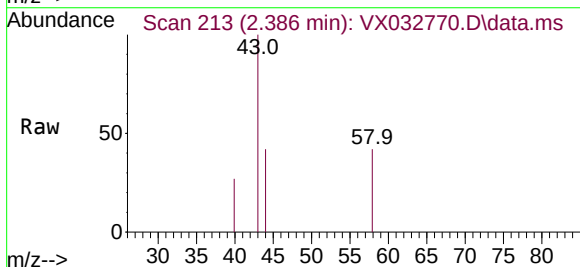
Instrument :
MSVOA_X
ClientSampleId :
B-3(OW)

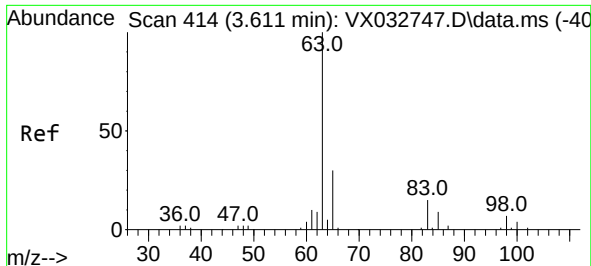
Tgt Ion:128 Resp: 10663
Ion Ratio Lower Upper
128 100
49 152.6 0.0 293.0
130 128.6 0.0 321.5



#15
Acetone
Concen: 0.956 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

Tgt Ion: 58 Resp: 137
Ion Ratio Lower Upper
58 100
43 183.8 242.6 364.0#

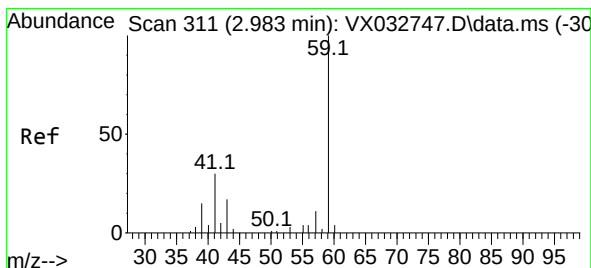
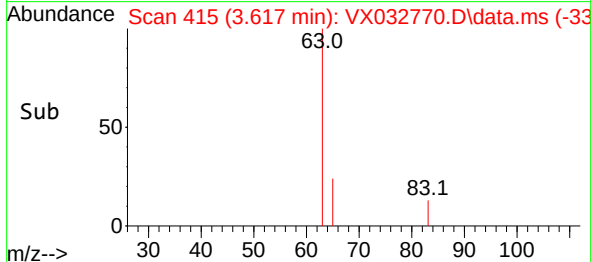
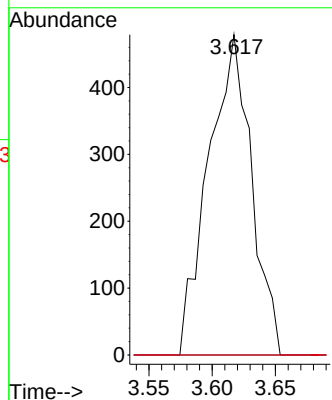
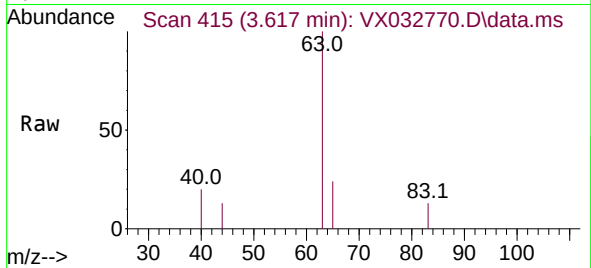




#21
1,1-Dichloroethane
Concen: 0.546 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

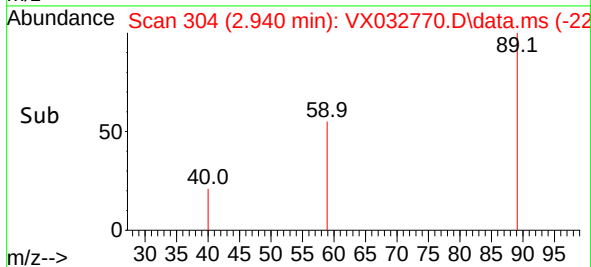
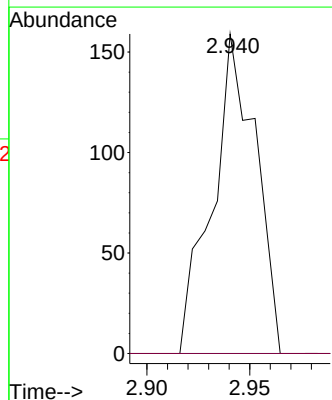
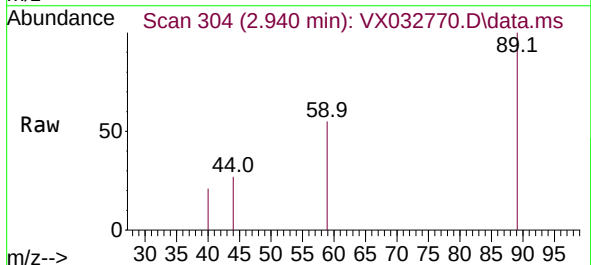
Instrument :
MSVOA_X
ClientSampleId :
B-3(OW)

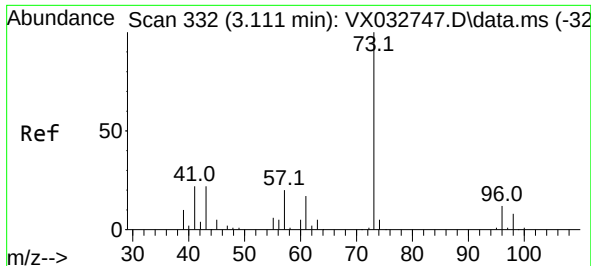
Tgt Ion: 63 Resp: 1132
Ion Ratio Lower Upper
63 100
98 0.0 4.5 13.7#
100 0.0 2.8 8.3#



#23
tert-Butyl Alcohol
Concen: 1.308 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

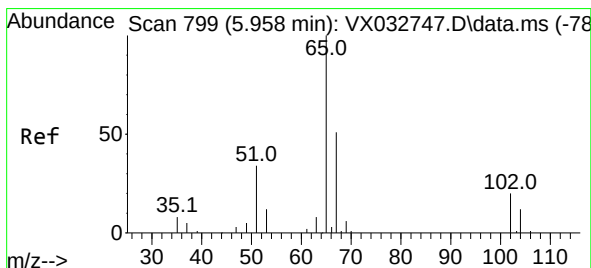
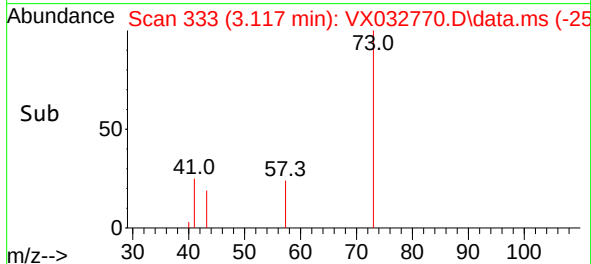
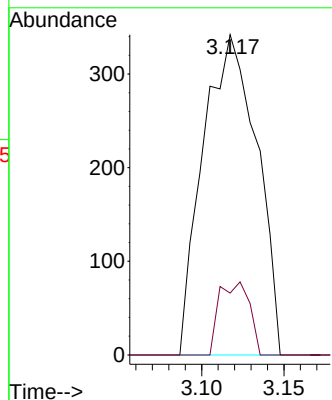
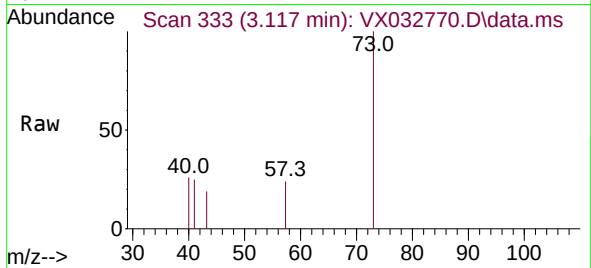




#24
Methyl tert-Butyl Ether
Concen: 0.209 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

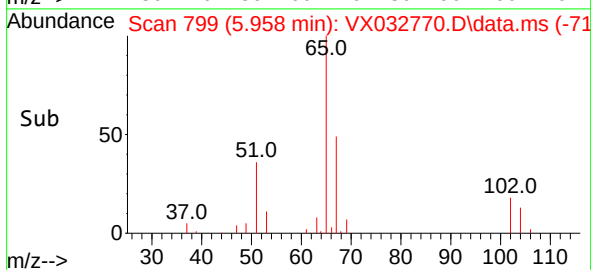
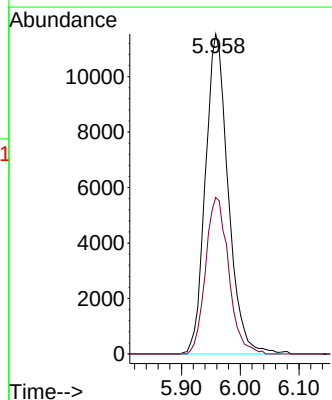
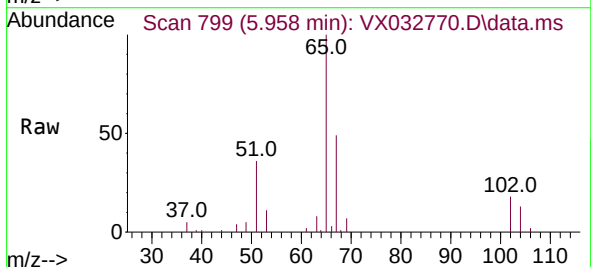
Instrument :
MSVOA_X
ClientSampleId :
B-3(OW)

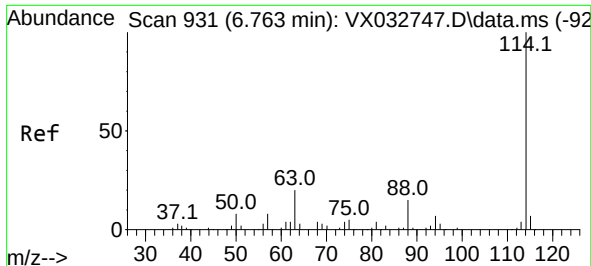
Tgt Ion: 73 Resp: 777
Ion Ratio Lower Upper
73 100
43 12.7 14.8 22.2#



#27
1,2-Dichloroethane-d4
Concen: 30.220 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

Tgt Ion: 65 Resp: 31087
Ion Ratio Lower Upper
65 100
67 49.5 41.8 62.6

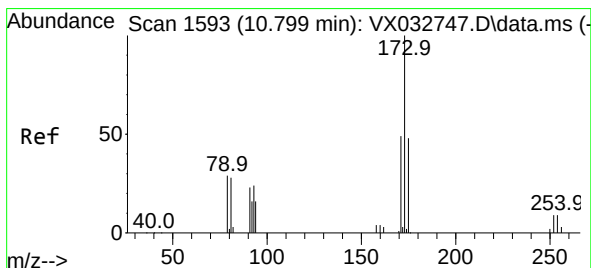
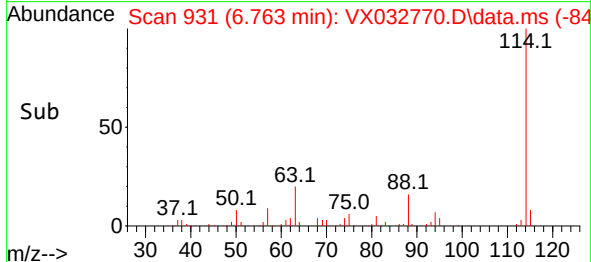
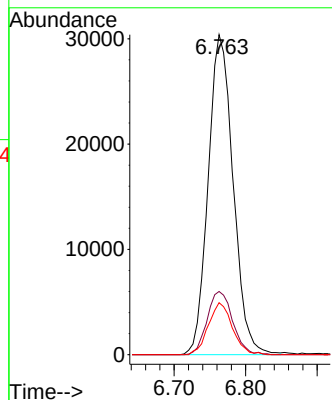
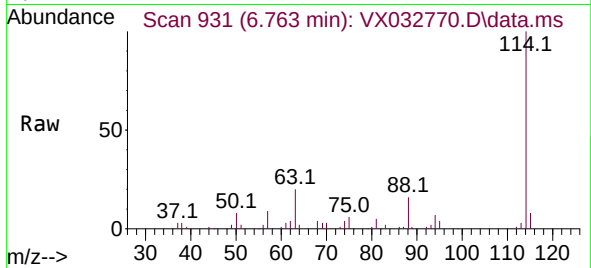




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

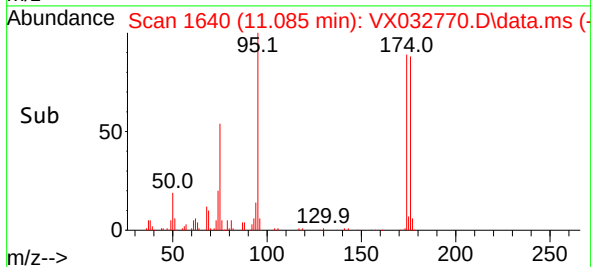
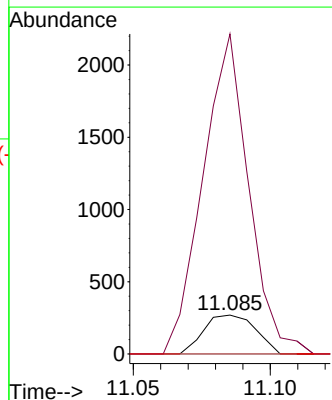
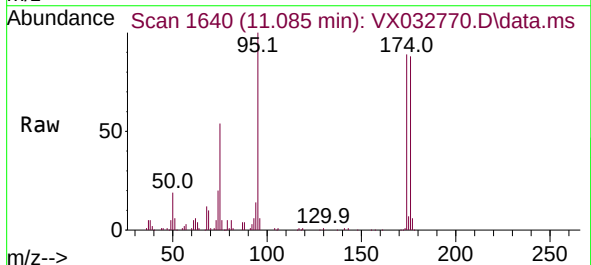
Instrument :
MSVOA_X
ClientSampleId :
B-3(OW)

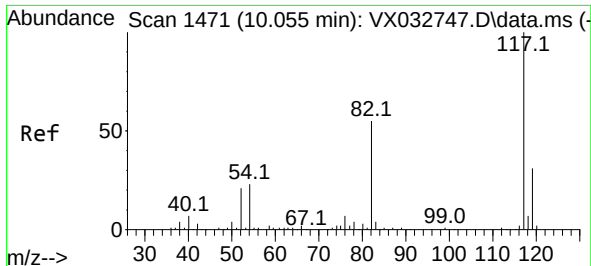
Tgt Ion:114 Resp: 73761
Ion Ratio Lower Upper
114 100
63 20.2 13.6 20.4
88 15.5 11.8 17.6



#56
Bromoform
Concen: 0.373 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

Tgt Ion:173 Resp: 356
Ion Ratio Lower Upper
173 100
175 724.4 38.6 58.0#
254 0.0 6.8 10.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032770.D

Acq: 11 Nov 2022 13:28

Instrument :

MSVOA_X

ClientSampleId :

B-3(OW)

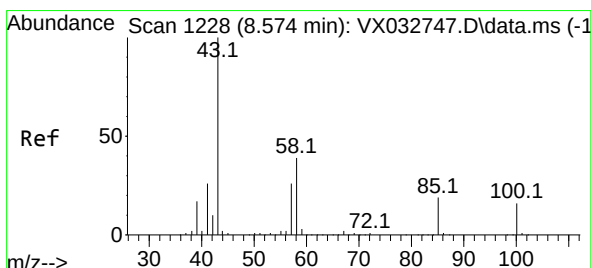
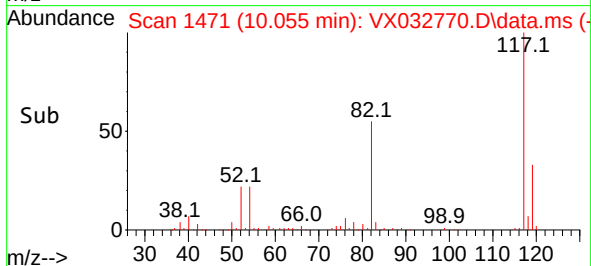
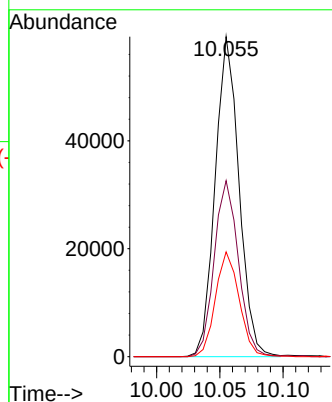
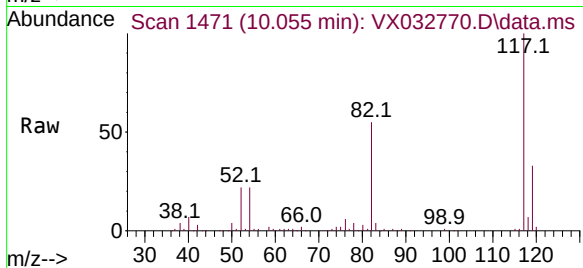
Tgt Ion:117 Resp: 77719

Ion Ratio Lower Upper

117 100

82 56.0 40.0 60.0

119 32.7 26.0 39.0



#58

4-Methyl-2-Pentanone

Concen: 0.254 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032770.D

Acq: 11 Nov 2022 13:28

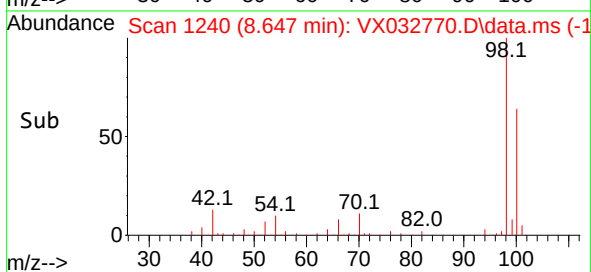
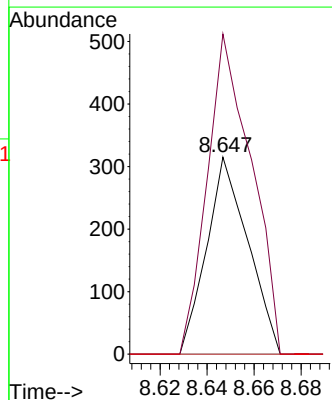
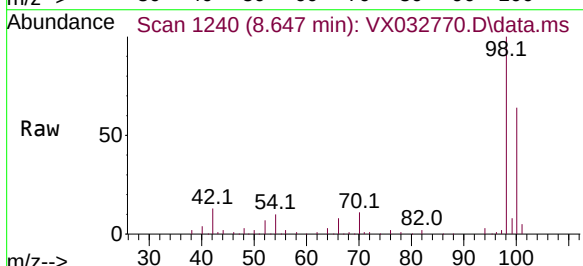
Tgt Ion: 43 Resp: 386

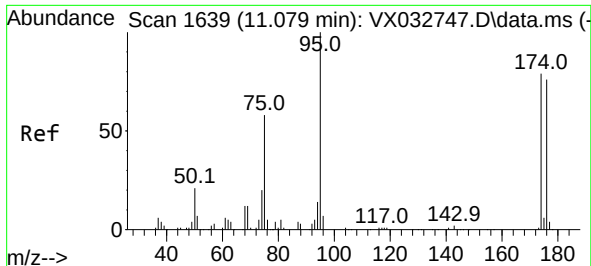
Ion Ratio Lower Upper

43 100

58 173.3 34.9 52.3#

85 0.0 19.4 29.2#

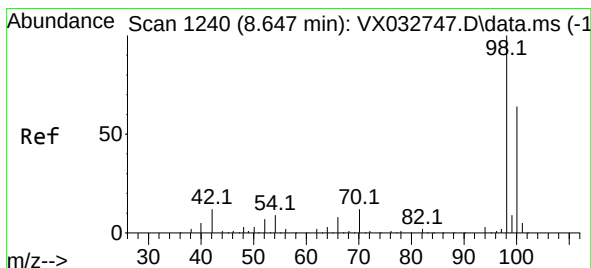
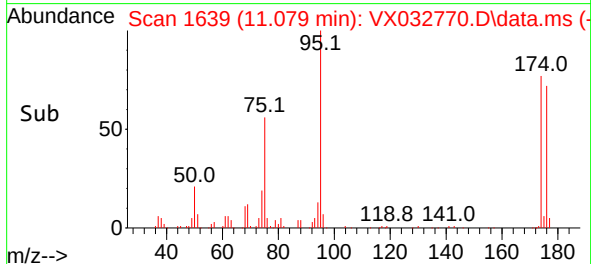
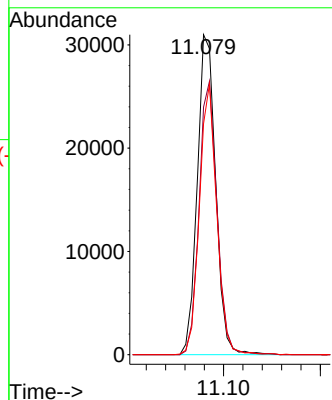
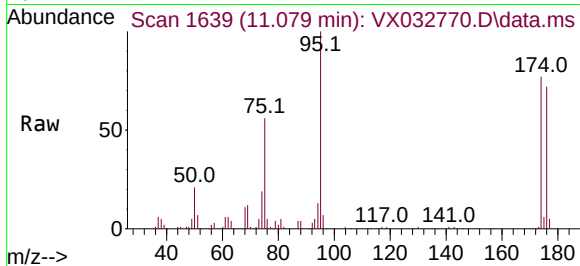




#60
4-Bromofluorobenzene
Concen: 27.610 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

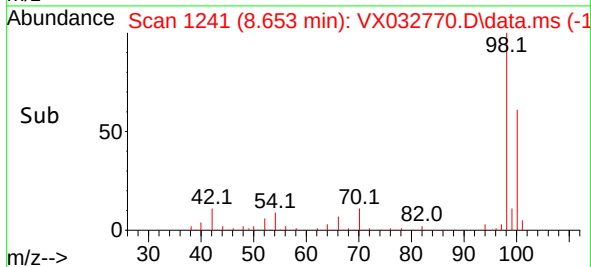
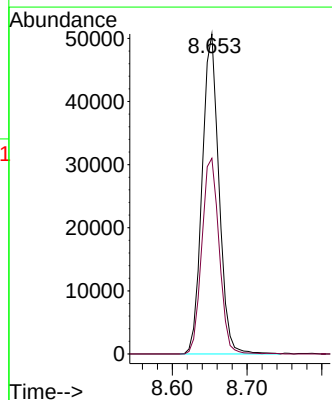
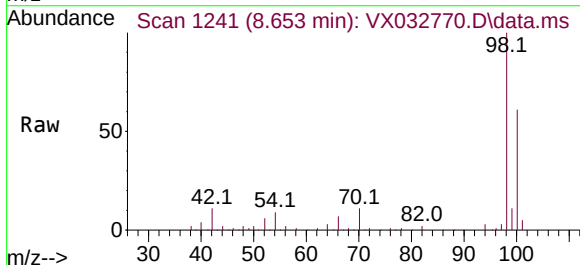
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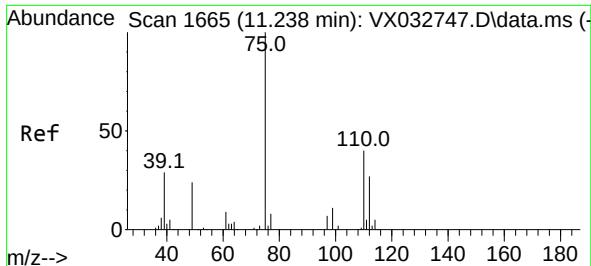
Tgt Ion: 95 Resp: 41047
Ion Ratio Lower Upper
95 100
174 83.1 68.2 102.2
176 79.9 68.1 102.1



#63
Toluene-d8
Concen: 30.145 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

Tgt Ion: 98 Resp: 79066
Ion Ratio Lower Upper
98 100
100 63.0 53.8 80.8

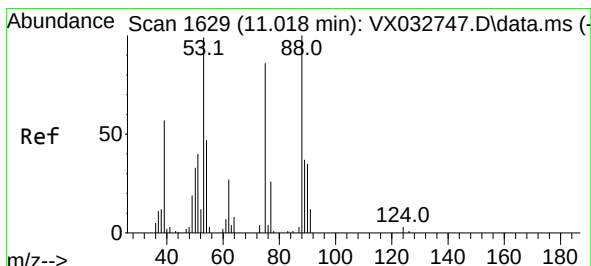
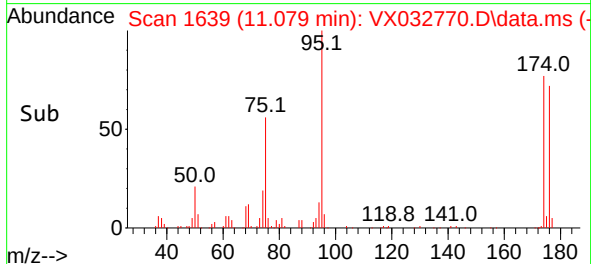
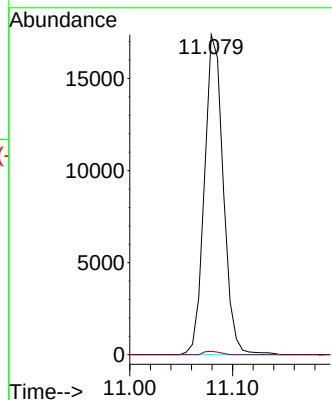
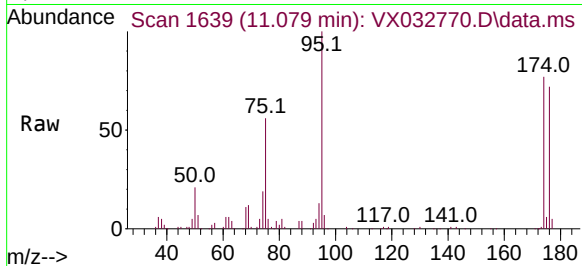




#72
1,2,3-Trichloropropane
Concen: 14.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

Instrument :
MSVOA_X
ClientSampleId :
B-3(OW)

Tgt Ion: 75 Resp: 22204
Ion Ratio Lower Upper
75 100
77 0.9 0.0 76.6



#77
t-1,4-Dichloro-2-butene
Concen: 47.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032770.D
Acq: 11 Nov 2022 13:28

Tgt Ion: 75 Resp: 22204
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.4#
89 0.0 22.9 68.8#

