

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032774.D
 Acq On : 11 Nov 2022 15:01
 Operator : JC/MD
 Sample : N5564-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-1(OW)

Quant Time: Nov 14 05:13:04 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)

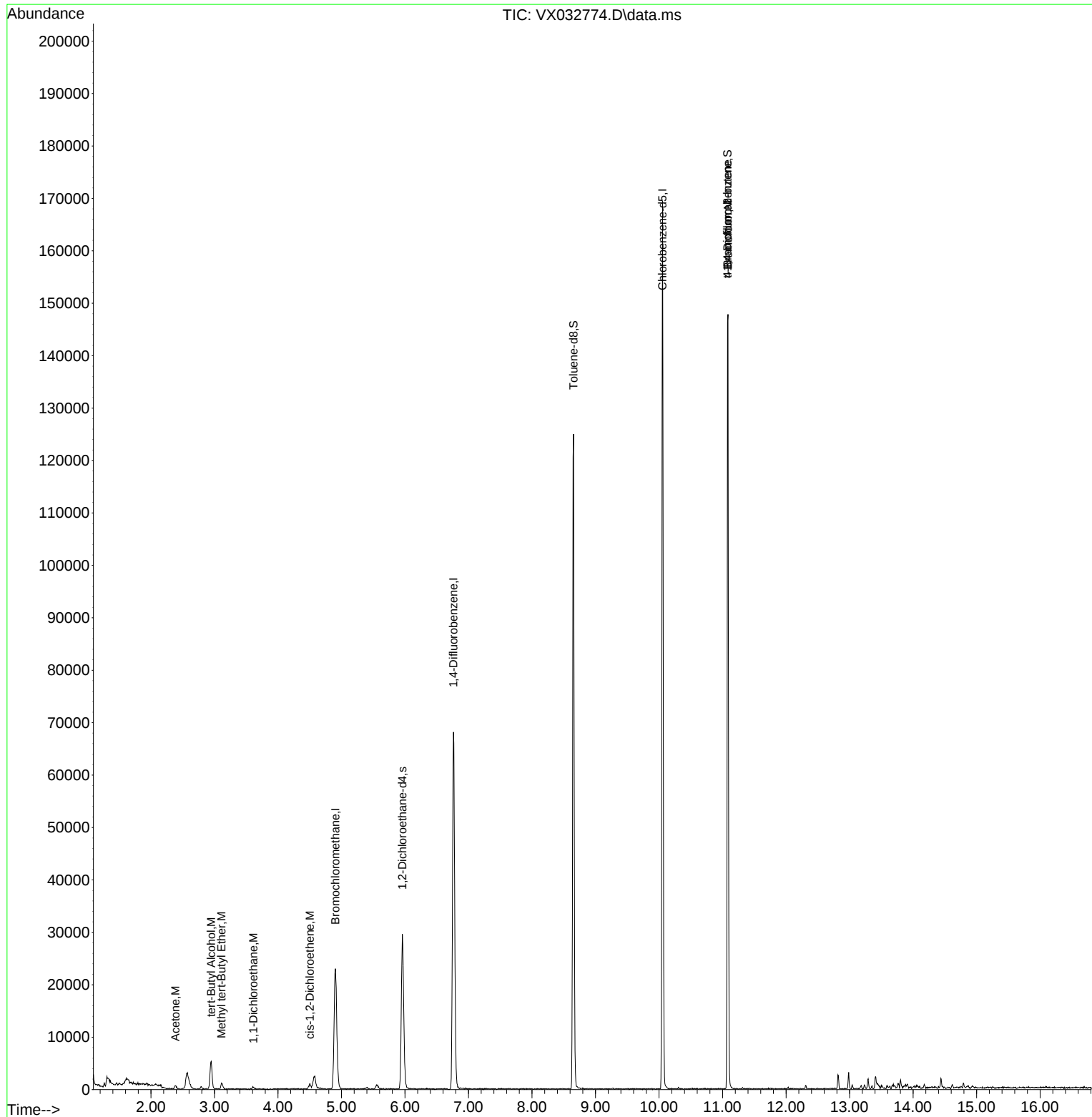
Internal Standards						
1) Bromochloromethane	4.903	128	10119	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	69766	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	72678	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	29301	30.015	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.067%	
60) 4-Bromofluorobenzene	11.079	95	38858	27.951	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.167%	
63) Toluene-d8	8.653	98	73590	30.003	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	146	1.074	ug/l #	67
21) 1,1-Dichloroethane	3.611	63	660	0.335	ug/l #	78
22) cis-1,2-Dichloroethene	4.501	96	579	0.457	ug/l #	89
23) tert-Butyl Alcohol	2.946	59	3211	18.918	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	1257	0.357	ug/l #	78
56) Bromoform	11.085	173	389	0.431	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	21292	49.005	ug/l #	8

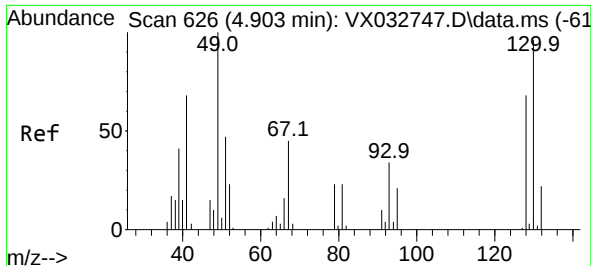
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 14 05:13:04 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

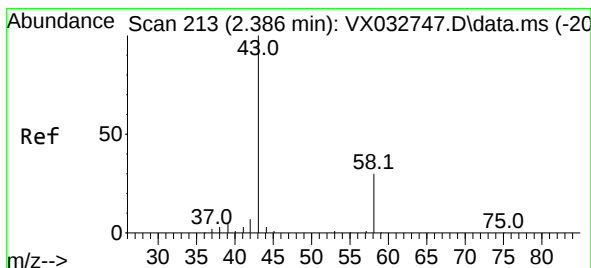
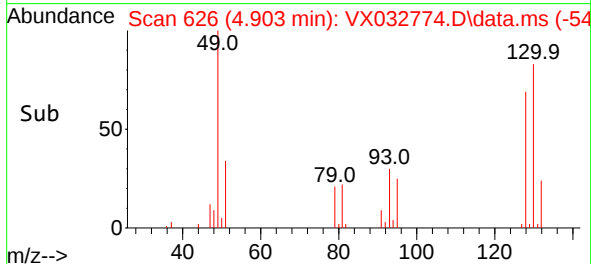
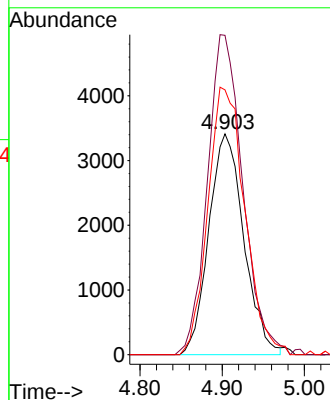
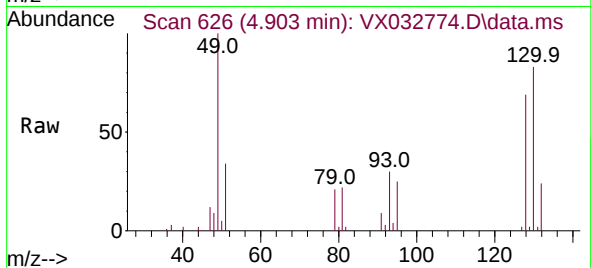




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

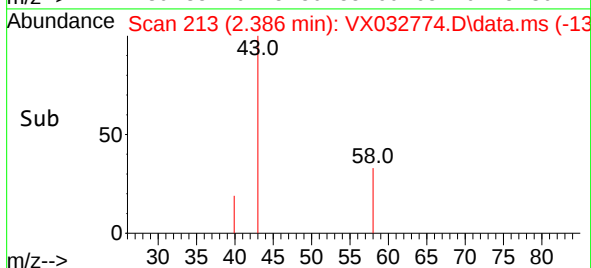
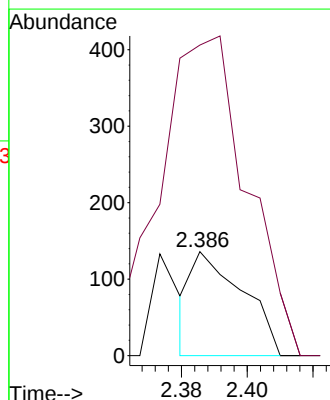
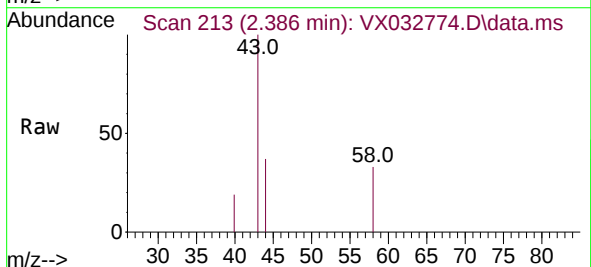
Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)

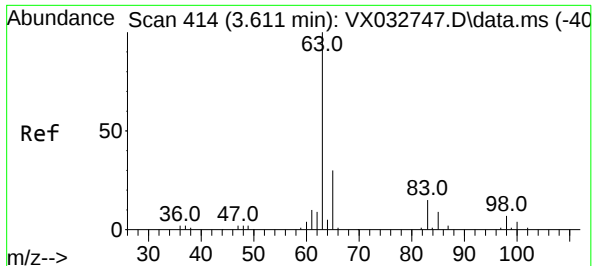
Tgt Ion:128 Resp: 10119
Ion Ratio Lower Upper
128 100
49 146.2 0.0 293.0
130 127.4 0.0 321.5



#15
Acetone
Concen: 1.074 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

Tgt Ion: 58 Resp: 146
Ion Ratio Lower Upper
58 100
43 238.2 242.6 364.0#





#21

1,1-Dichloroethane

Concen: 0.335 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX032774.D

Acq: 11 Nov 2022 15:01

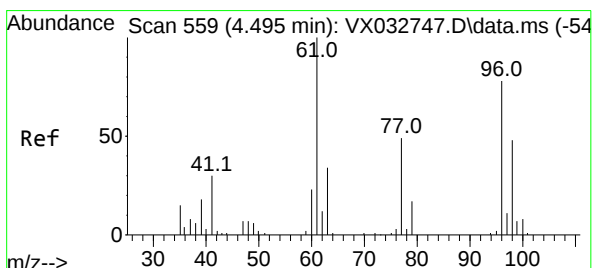
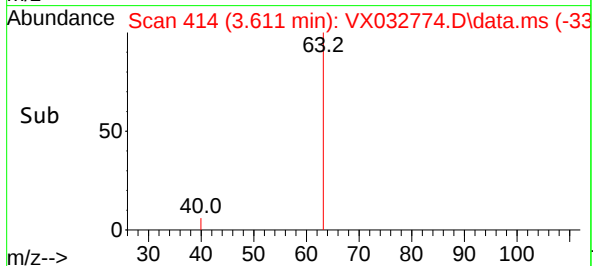
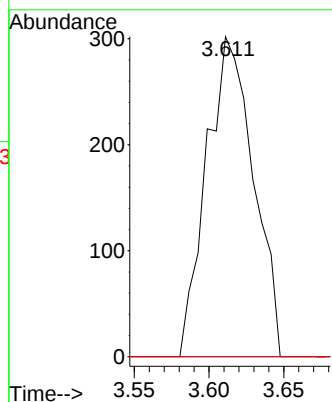
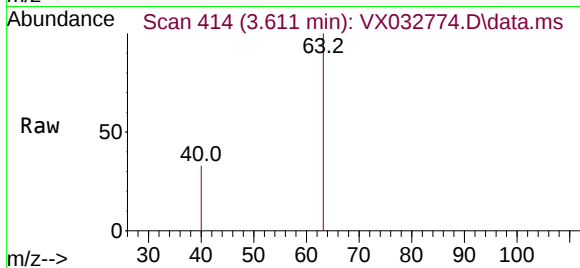
Instrument :

MSVOA_X

ClientSampleId :

B-1(OW)

Tgt Ion:	63	Resp:	660
Ion	Ratio	Lower	Upper
63	100		
98	0.0	4.5	13.7#
100	0.0	2.8	8.3#



#22

cis-1,2-Dichloroethene

Concen: 0.457 ug/l

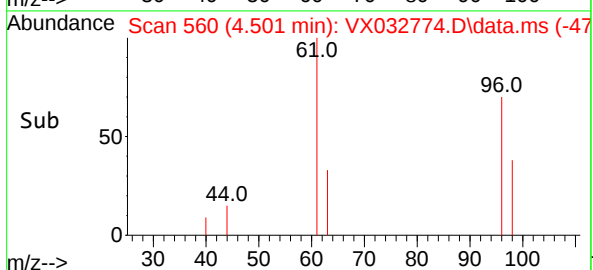
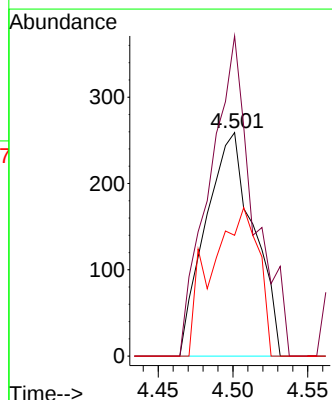
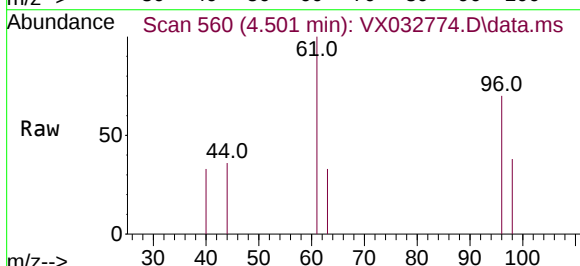
RT: 4.501 min Scan# 560

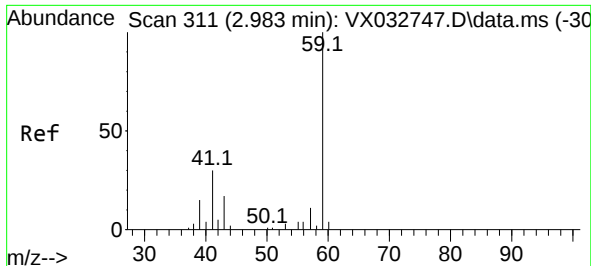
Delta R.T. 0.006 min

Lab File: VX032774.D

Acq: 11 Nov 2022 15:01

Tgt Ion:	96	Resp:	579
Ion	Ratio	Lower	Upper
96	100		
61	131.6	98.0	147.0
98	52.2	52.2	78.4#

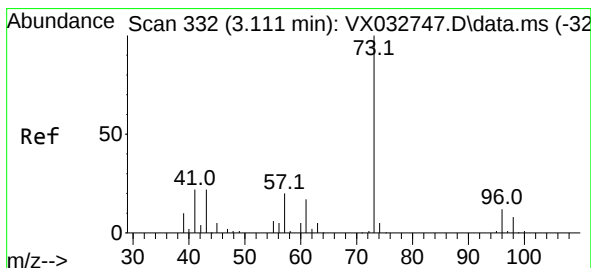
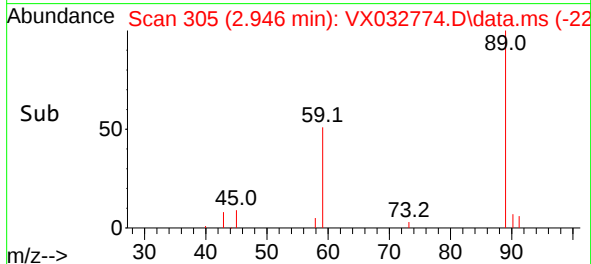
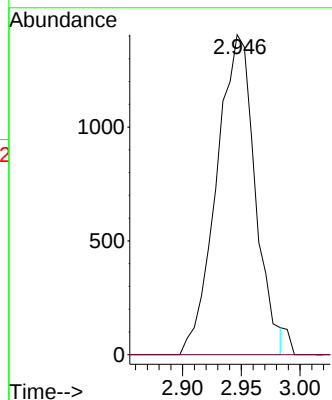
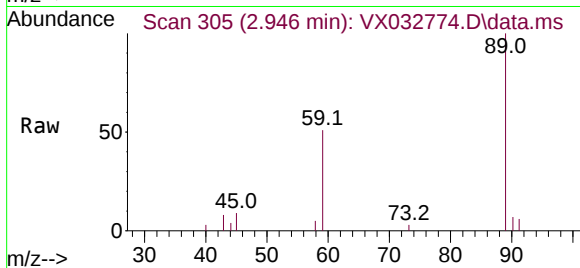




#23
tert-Butyl Alcohol
Concen: 18.918 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

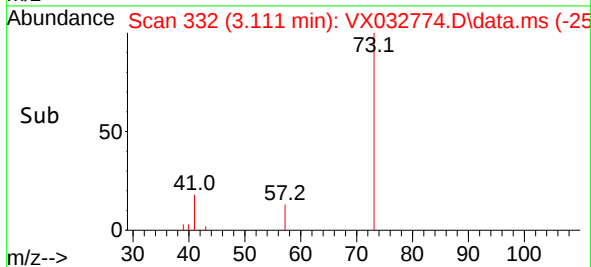
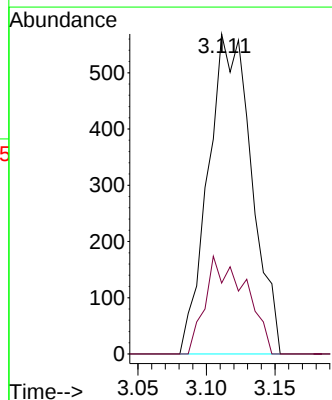
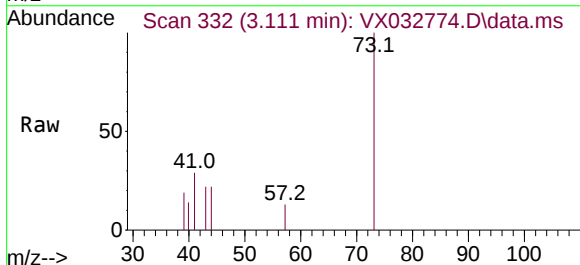
Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)

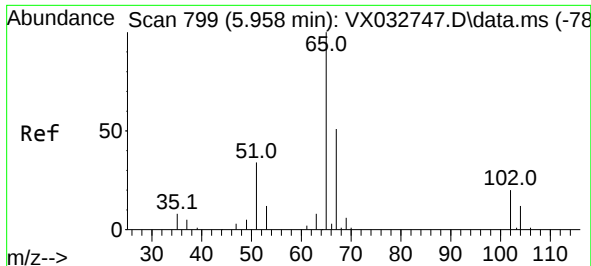
Tgt Ion: 59 Resp: 3211
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 0.357 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

Tgt Ion: 73 Resp: 1257
Ion Ratio Lower Upper
73 100
43 28.2 14.8 22.2#

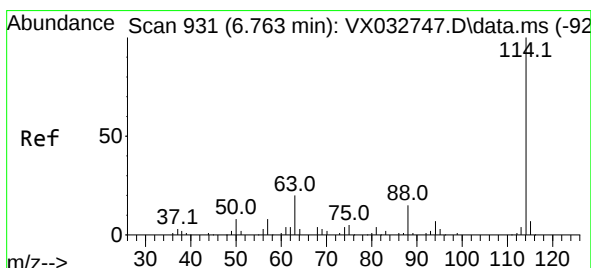
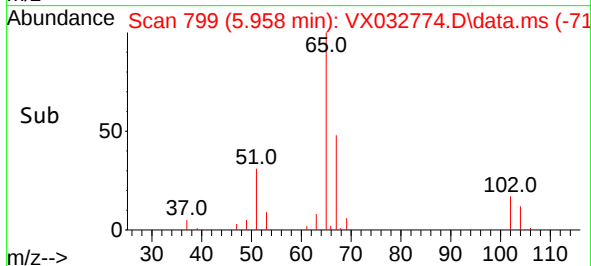
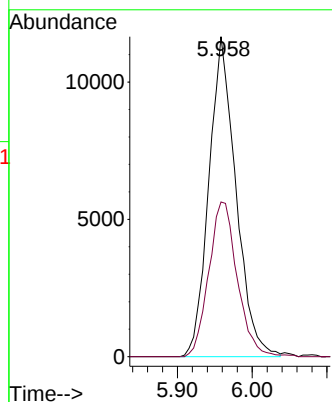
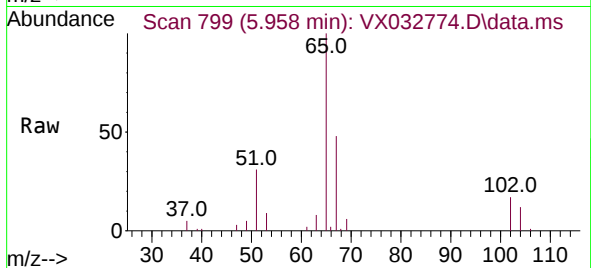




#27
 1,2-Dichloroethane-d4
 Concen: 30.015 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032774.D
 Acq: 11 Nov 2022 15:01

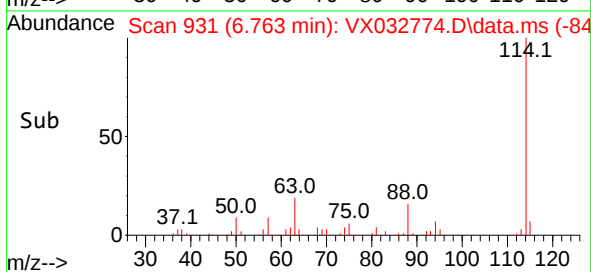
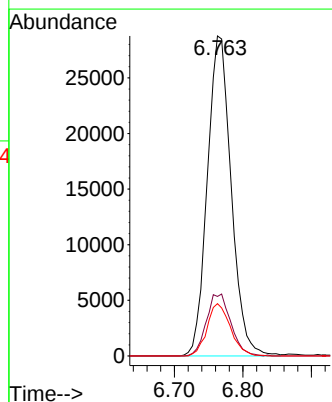
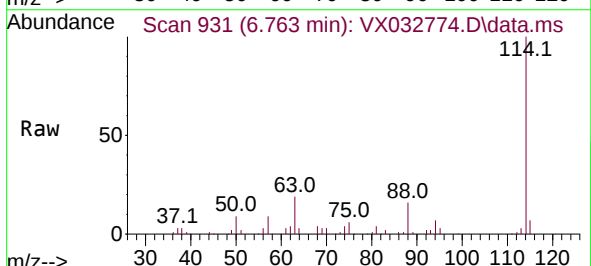
Instrument :
 MSVOA_X
 ClientSampleId :
 B-1(OW)

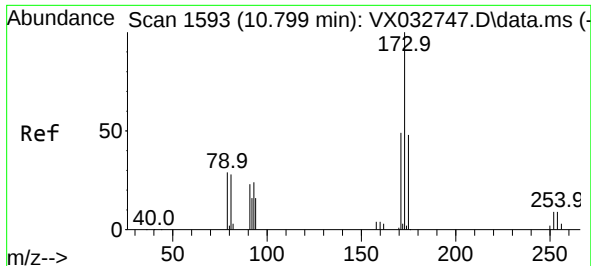
Tgt Ion: 65 Resp: 29301
 Ion Ratio Lower Upper
 65 100
 67 50.8 41.8 62.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032774.D
 Acq: 11 Nov 2022 15:01

Tgt Ion: 114 Resp: 69766
 Ion Ratio Lower Upper
 114 100
 63 19.8 13.6 20.4
 88 16.0 11.8 17.6

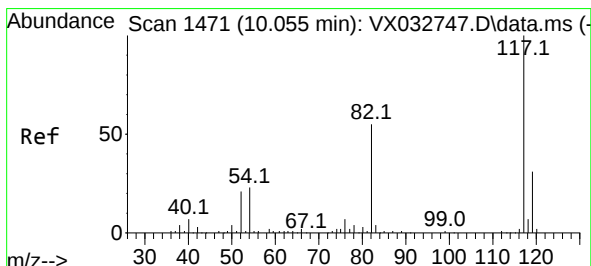
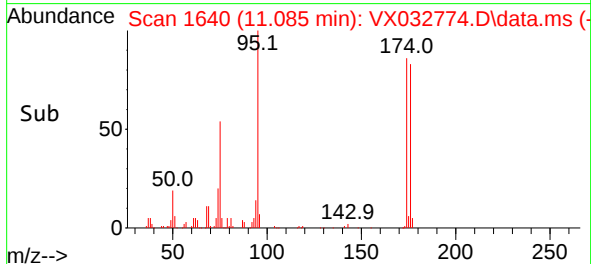
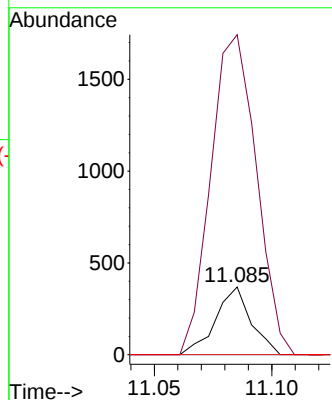
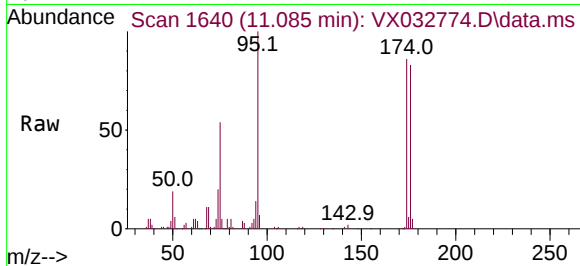




#56
Bromoform
Concen: 0.431 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.286 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

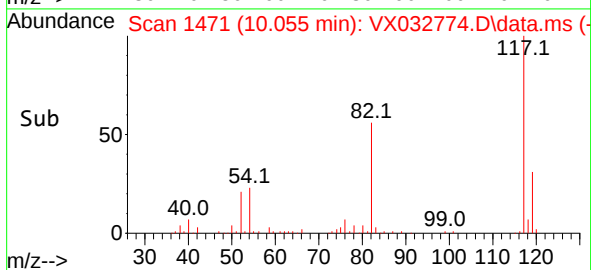
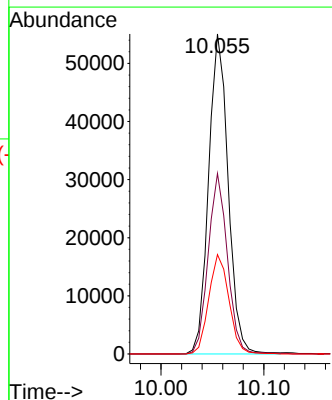
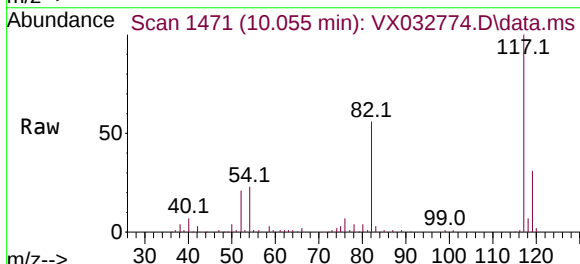
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ClientSampleId :
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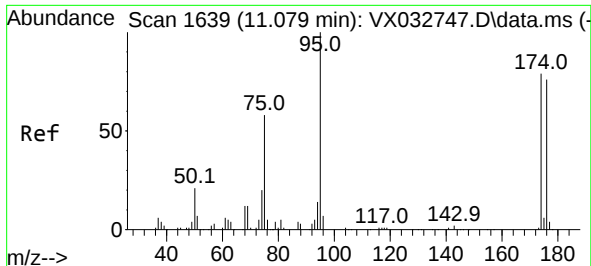
Tgt Ion:173 Resp: 389
Ion Ratio Lower Upper
173 100
175 604.6 38.6 58.0#
254 0.0 6.8 10.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

Tgt Ion:117 Resp: 72678
Ion Ratio Lower Upper
117 100
82 55.7 40.0 60.0
119 32.1 26.0 39.0

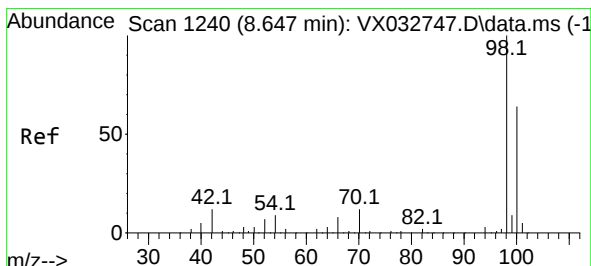
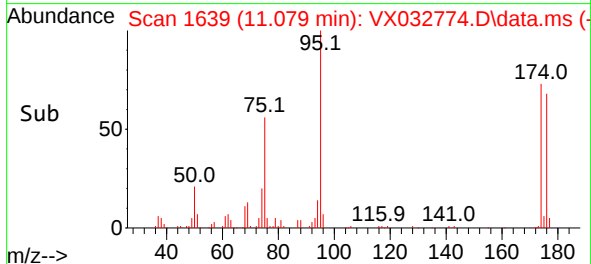
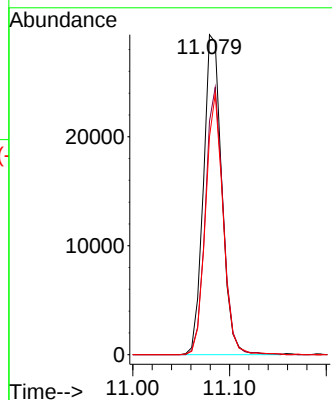
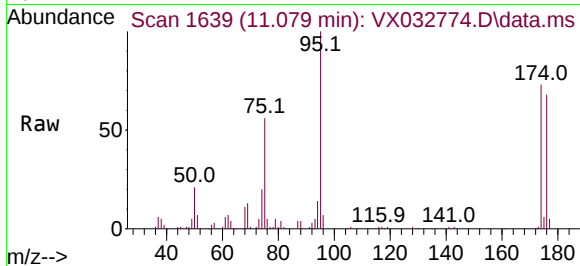




#60
4-Bromofluorobenzene
Concen: 27.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

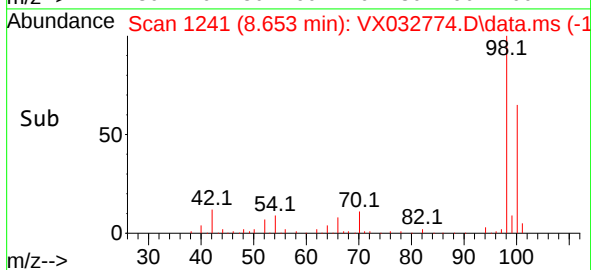
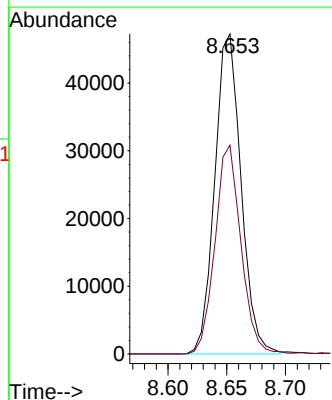
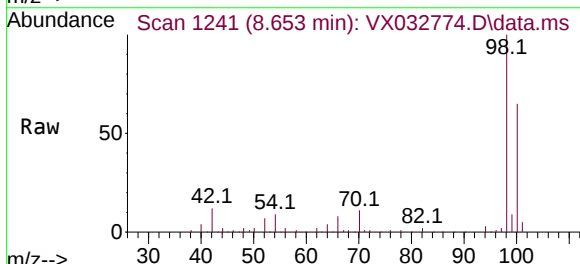
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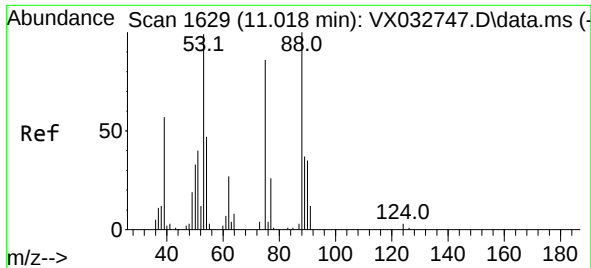
Tgt Ion: 95 Resp: 38858
Ion Ratio Lower Upper
95 100
174 81.0 68.2 102.2
176 77.4 68.1 102.1



#63
Toluene-d8
Concen: 30.003 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

Tgt Ion: 98 Resp: 73590
Ion Ratio Lower Upper
98 100
100 64.4 53.8 80.8





#77
 t-1,4-Dichloro-2-butene
 Concen: 49.005 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032774.D
 Acq: 11 Nov 2022 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 75 Resp: 21292
 Ion Ratio Lower Upper
 75 100
 53 0.0 51.8 155.4#
 89 0.0 22.9 68.8#

