

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027623.D
 Acq On : 22 Mar 2022 18:39
 Operator : JC/MD
 Sample : N2028-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-109

Quant Time: Mar 23 01:49:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

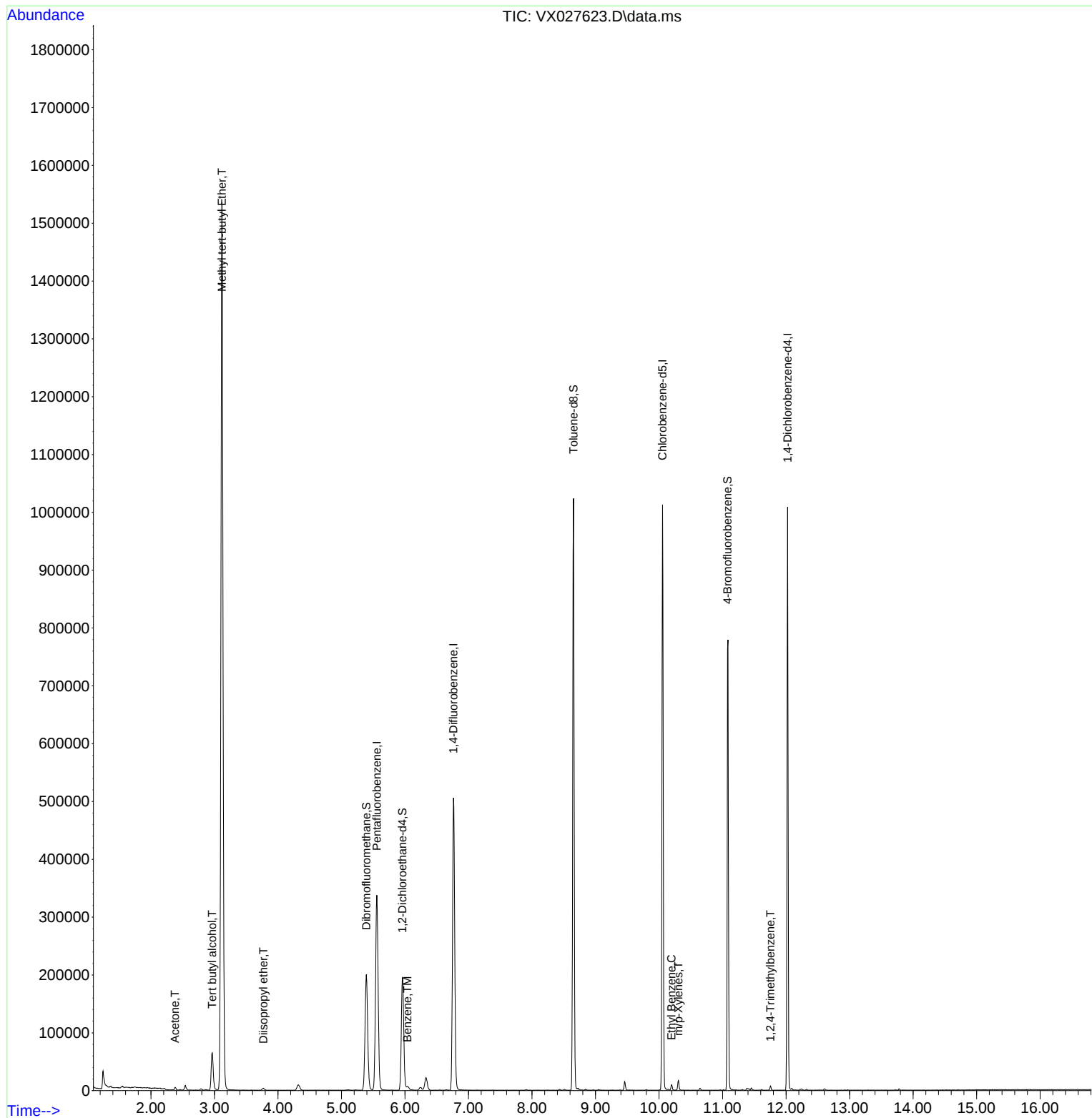
Internal Standards						
1) Pentafluorobenzene	5.556	168	335100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	549508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	485252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193132	46.785	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.560%
35) Dibromofluoromethane	5.391	113	176349	49.880	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.760%
50) Toluene-d8	8.653	98	632299	47.262	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.520%
62) 4-Bromofluorobenzene	11.079	95	218368	44.408	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	76216	96.876	ug/l #	72
16) Acetone	2.380	43	5175	3.076	ug/l	88
19) Methyl tert-butyl Ether	3.117	73	1800185	171.471	ug/l	100
22) Diisopropyl ether	3.770	45	3519	0.370	ug/l #	81
40) Benzene	6.037	78	7438	0.537	ug/l	98
67) Ethyl Benzene	10.195	91	6152	0.360	ug/l	98
68) m/p-Xylenes	10.305	106	4517	0.671	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3774	0.286	ug/l	93

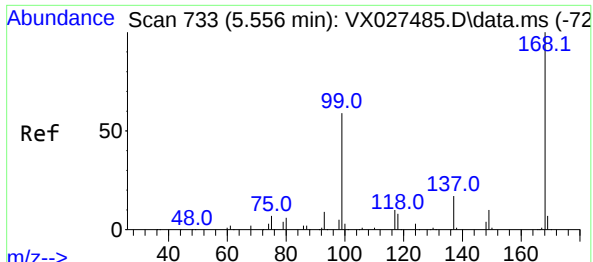
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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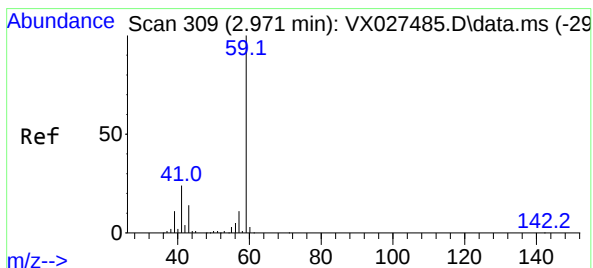
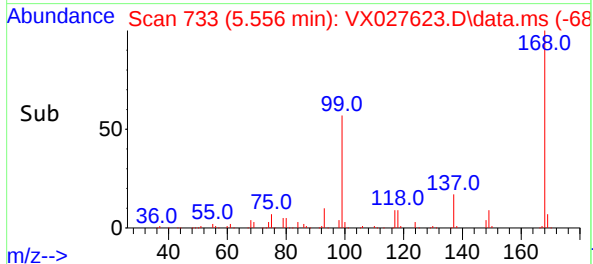
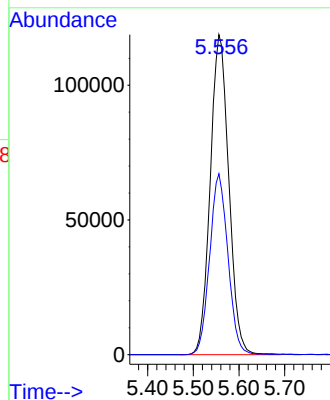
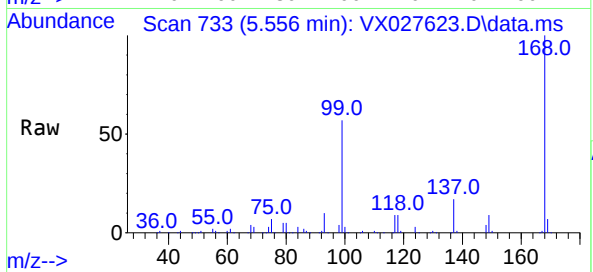




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

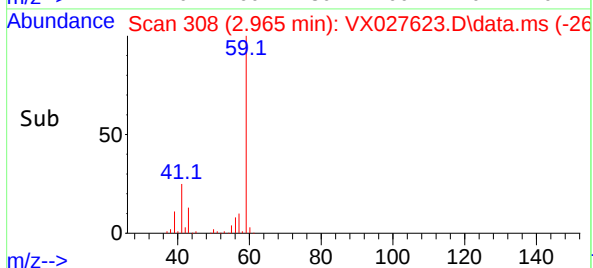
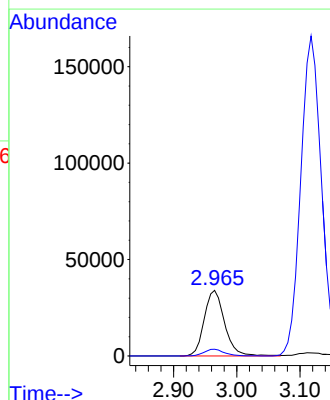
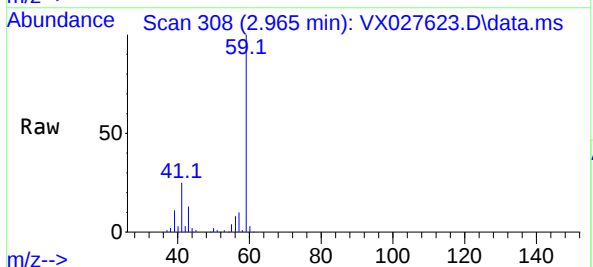
Instrument :
MSVOA_X
ClientSampleId :
MW-109

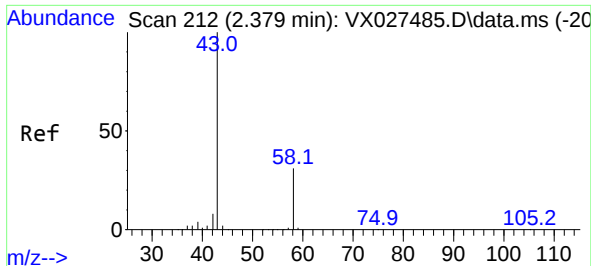
Tgt Ion:168 Resp: 335100
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 96.876 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Tgt Ion: 59 Resp: 76216
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

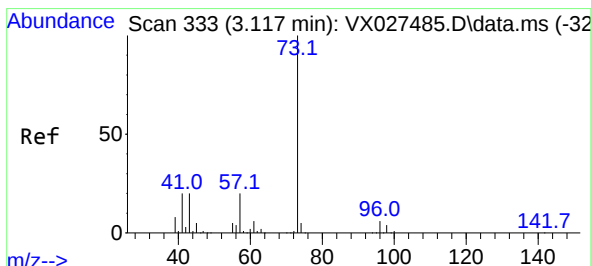
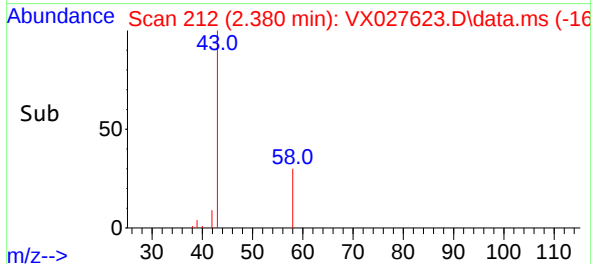
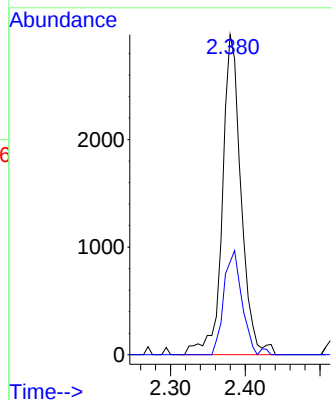
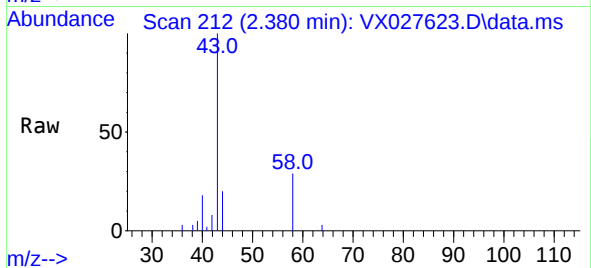




#16
Acetone
Concen: 3.076 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

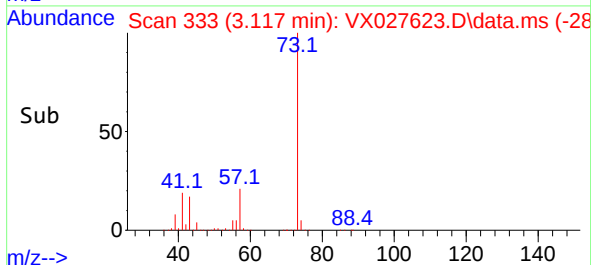
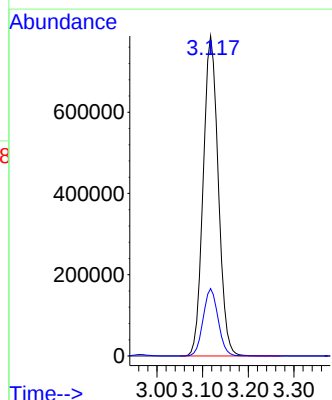
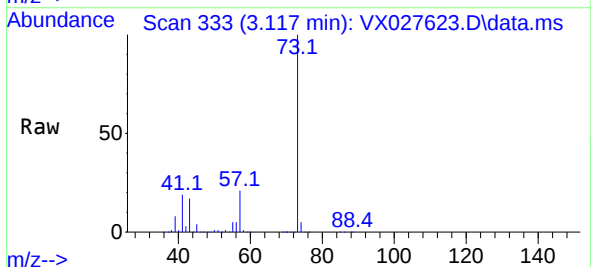
Instrument :
MSVOA_X
ClientSampleId :
MW-109

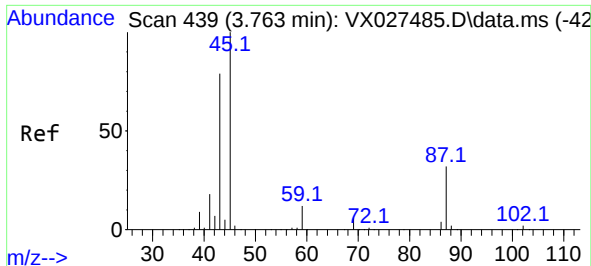
Tgt Ion: 43 Resp: 5175
Ion Ratio Lower Upper
43 100
58 28.9 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 171.471 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Tgt Ion: 73 Resp: 1800185
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2



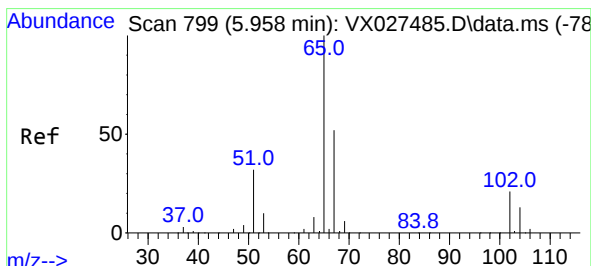
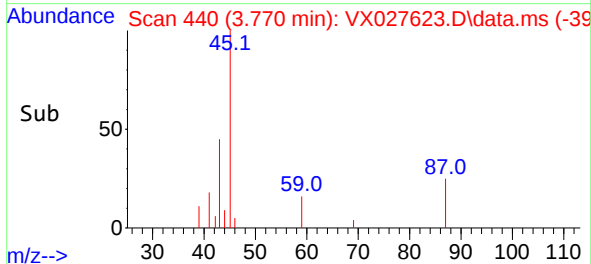
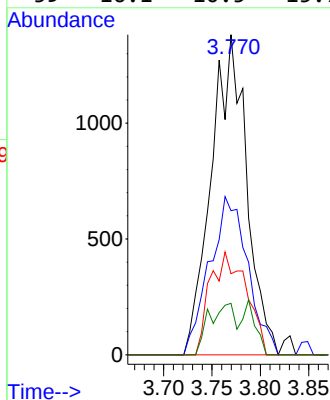
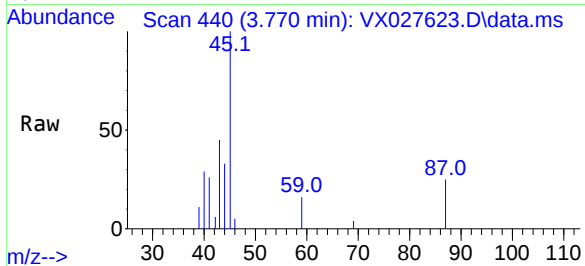


#22
Diisopropyl ether
Concen: 0.370 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :
MW-109

Tgt Ion: 45 Resp: 3519

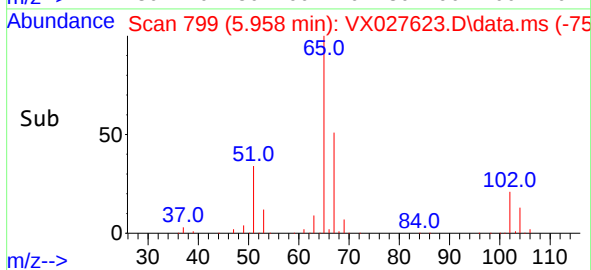
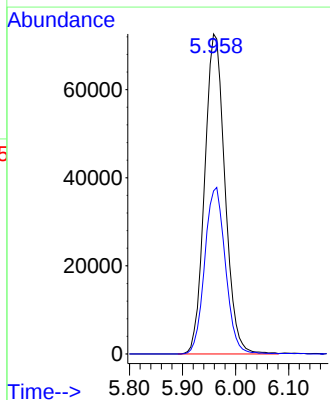
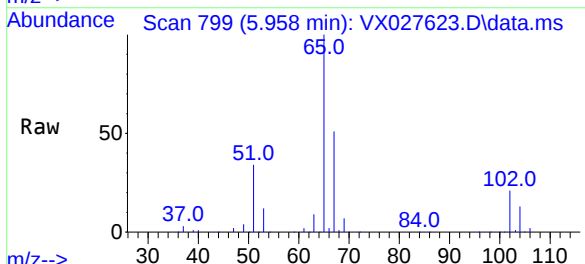
Ion	Ratio	Lower	Upper
45	100		
43	45.0	50.8	76.2#
87	25.3	26.6	39.8#
59	16.1	10.5	15.7#

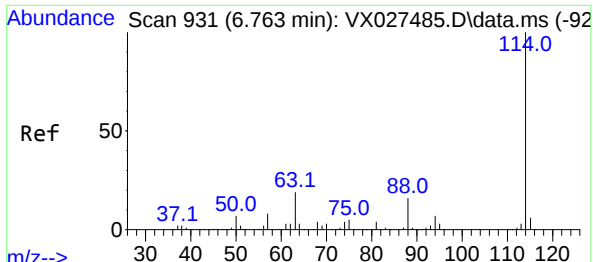


#33
1,2-Dichloroethane-d4
Concen: 46.785 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Tgt Ion: 65 Resp: 193132

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.4

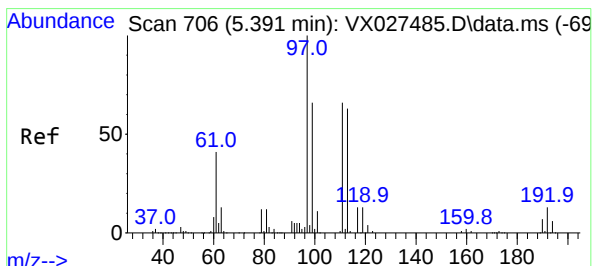
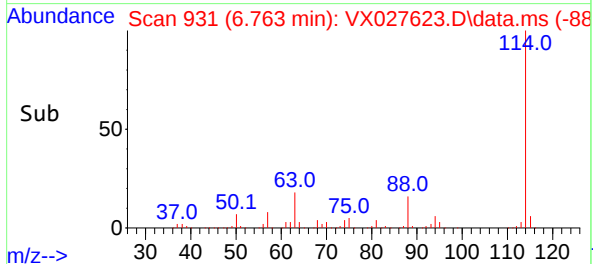
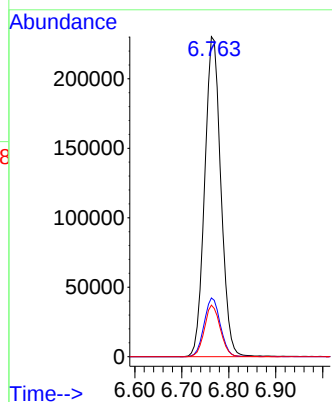
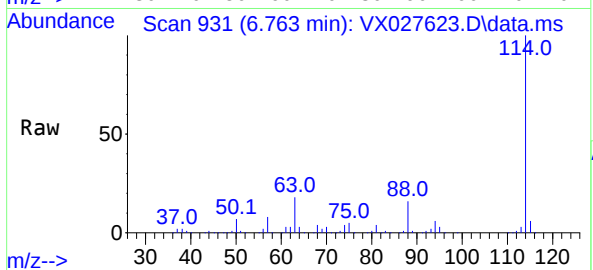




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

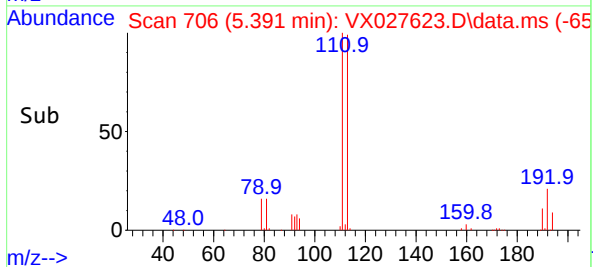
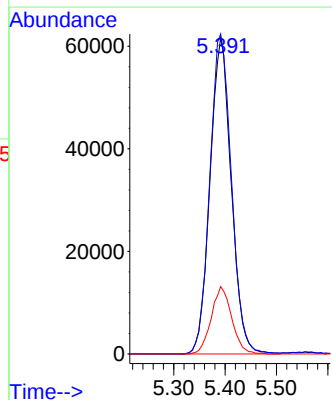
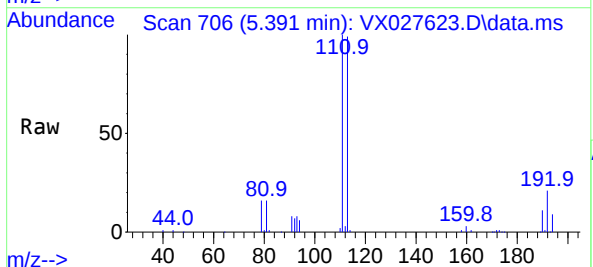
Instrument :
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ClientSampleId :
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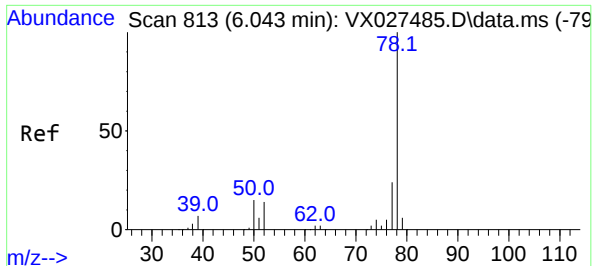
Tgt Ion:114 Resp: 549508
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.880 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Tgt Ion:113 Resp: 176349
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 20.6 16.9 25.3

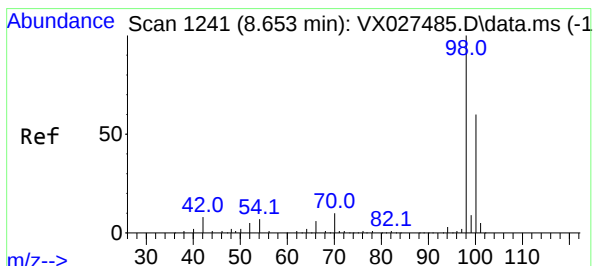
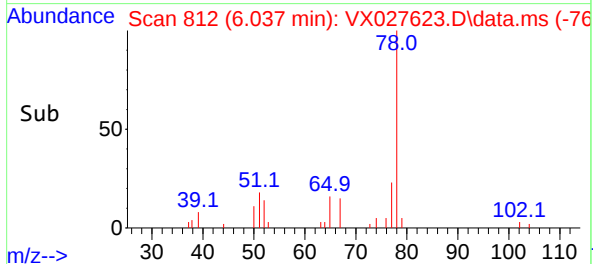
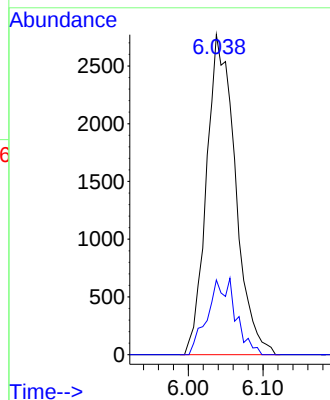
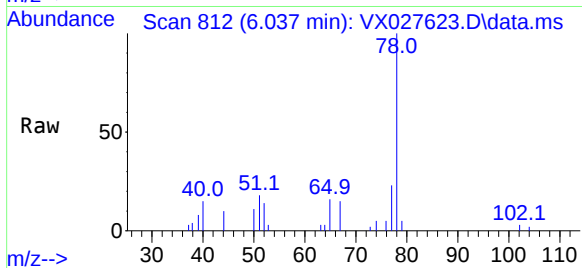




#40
Benzene
Concen: 0.537 ug/l
RT: 6.037 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

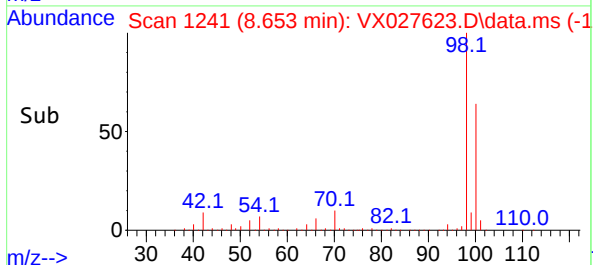
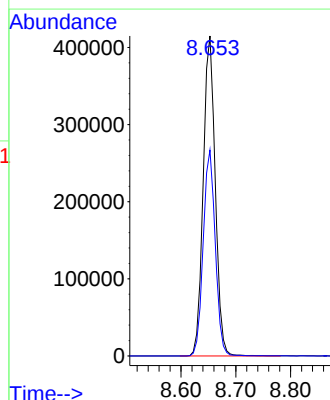
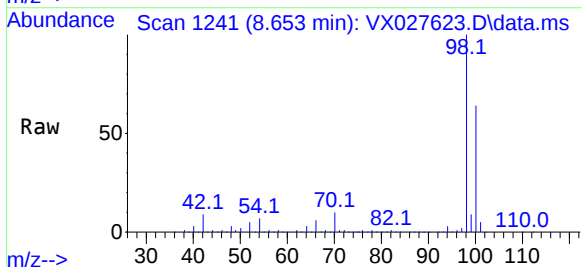
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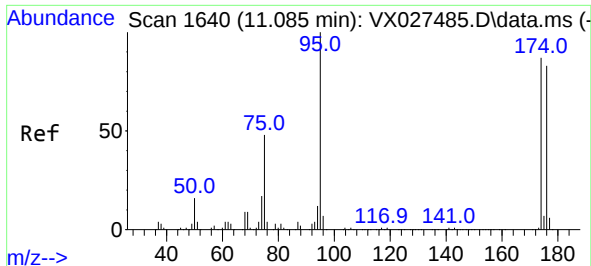
Tgt Ion: 78 Resp: 7438
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



#50
Toluene-d8
Concen: 47.262 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Tgt Ion: 98 Resp: 632299
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

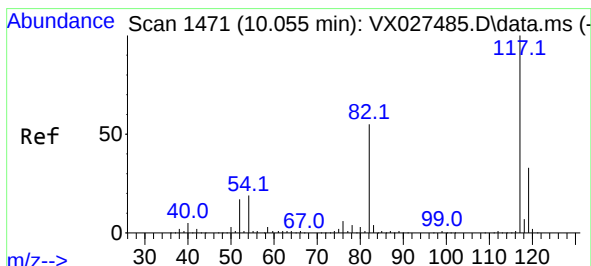
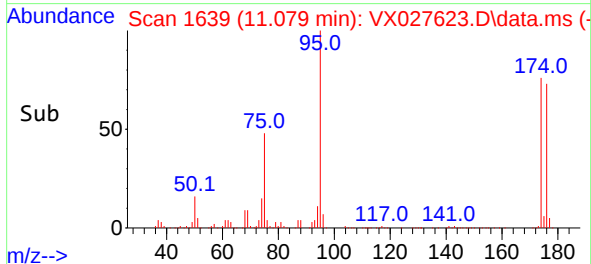
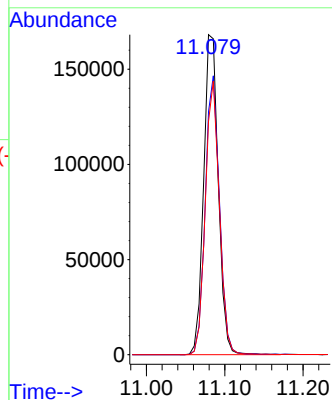
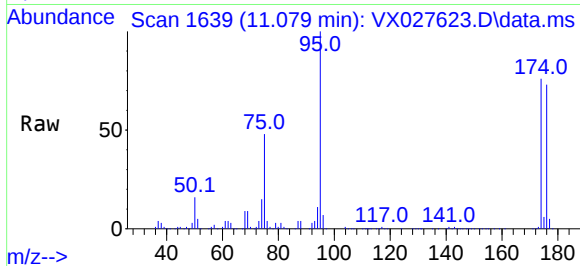




#62
4-Bromofluorobenzene
Concen: 44.408 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

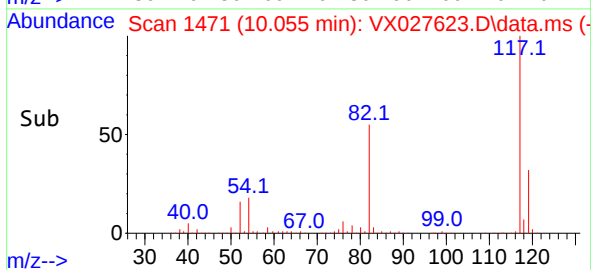
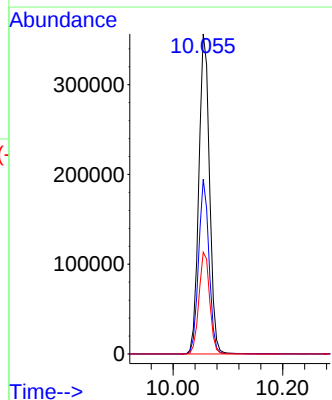
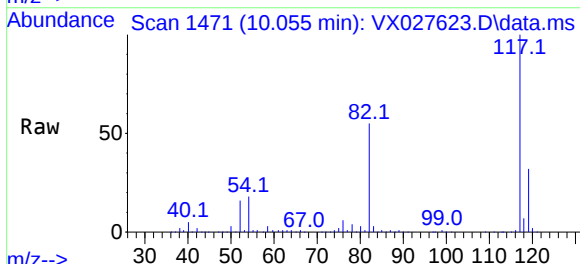
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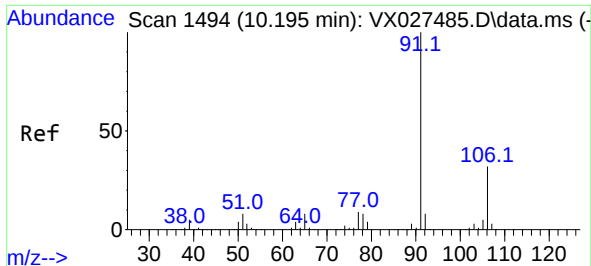
Tgt Ion: 95 Resp: 218368
Ion Ratio Lower Upper
95 100
174 84.4 0.0 163.0
176 82.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Tgt Ion: 117 Resp: 485252
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 31.8 24.8 37.2





#67

Ethyl Benzene

Concen: 0.360 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027623.D

Acq: 22 Mar 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

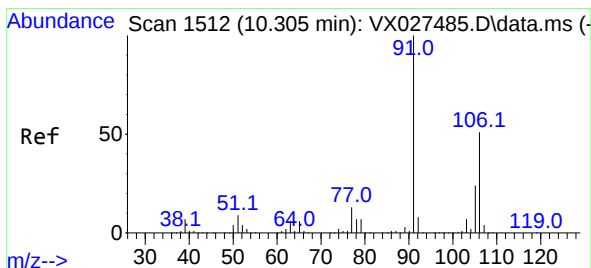
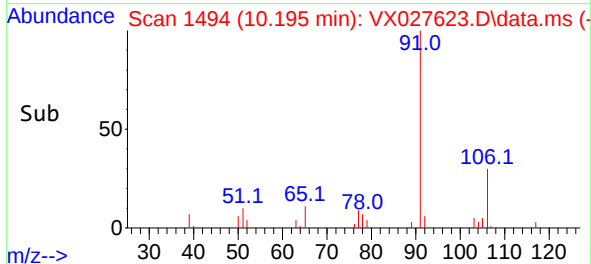
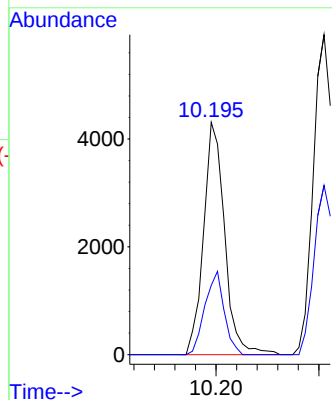
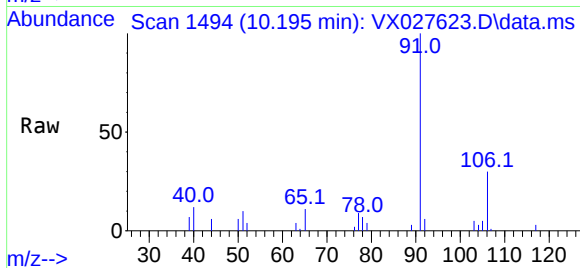
MW-109

Tgt Ion: 91 Resp: 6152

Ion Ratio Lower Upper

91 100

106 29.8 24.6 36.8



#68

m/p-Xylenes

Concen: 0.671 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027623.D

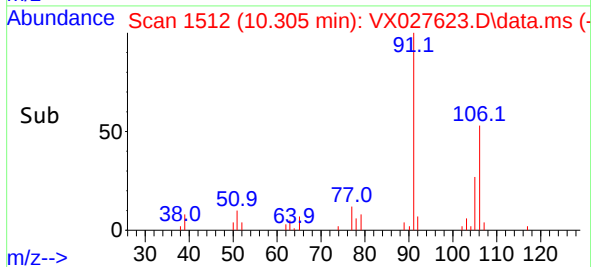
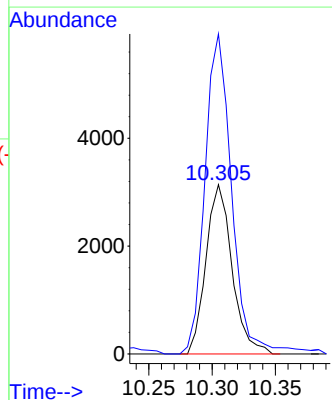
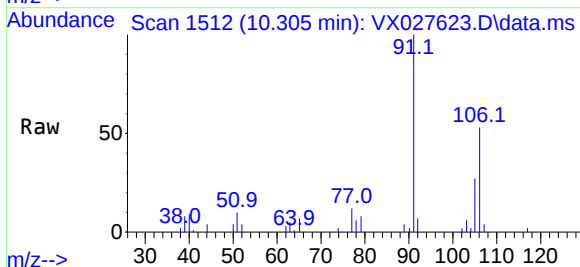
Acq: 22 Mar 2022 18:39

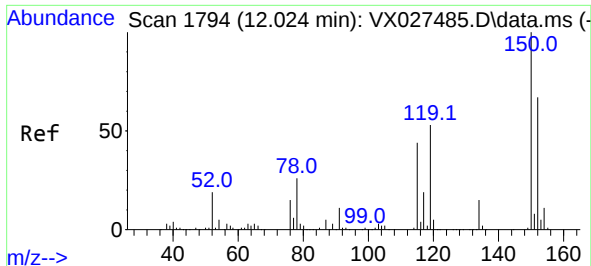
Tgt Ion: 106 Resp: 4517

Ion Ratio Lower Upper

106 100

91 194.4 160.4 240.6

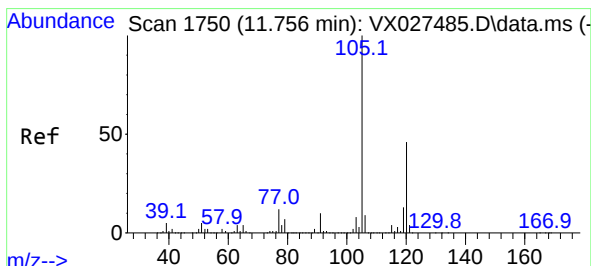
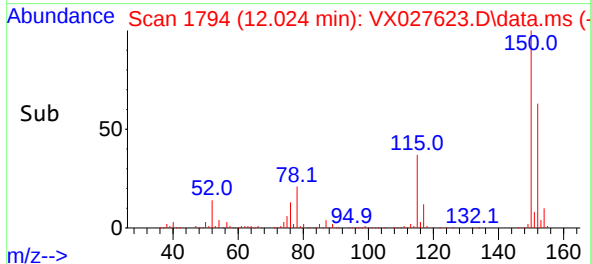
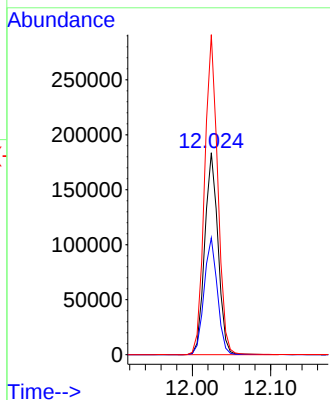
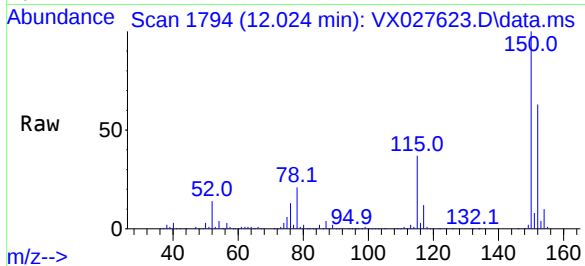




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :
MW-109

Tgt Ion:152 Resp: 215590
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 156.9 0.0 338.2



#84
1,2,4-Trimethylbenzene
Concen: 0.286 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027623.D
Acq: 22 Mar 2022 18:39

Tgt Ion:105 Resp: 3774
Ion Ratio Lower Upper
105 100
120 40.5 22.6 67.8

