

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026908.D
 Acq On : 10 Feb 2022 07:33
 Operator : JC/MD
 Sample : N1447-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP020922

Quant Time: Feb 10 08:38:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

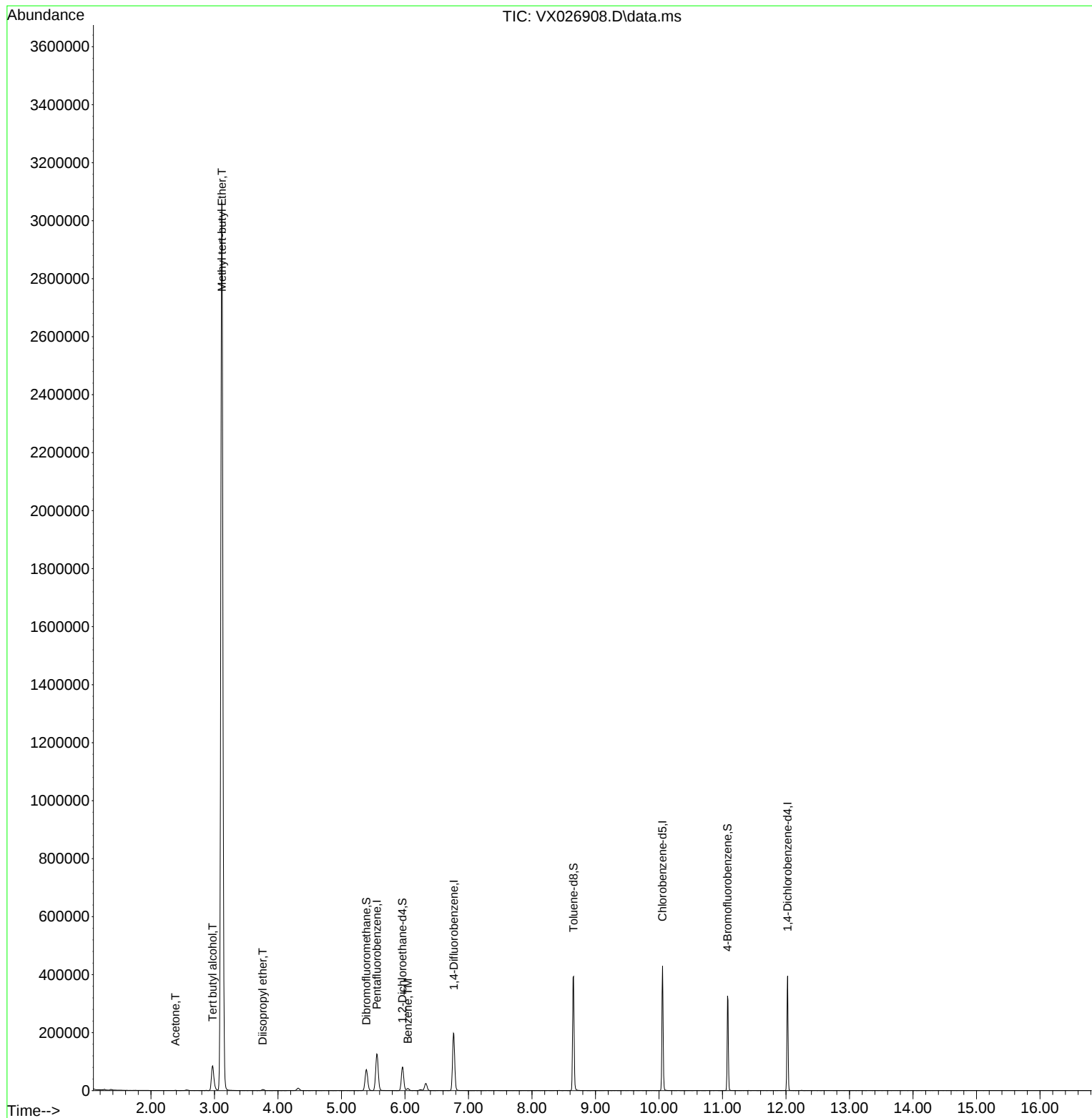
Internal Standards						
1) Pentafluorobenzene	5.556	168	121343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	205602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80161	55.033	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.060%
35) Dibromofluoromethane	5.391	113	64100	52.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.660%
50) Toluene-d8	8.653	98	240840	53.563	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.120%
62) 4-Bromofluorobenzene	11.079	95	89641	56.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	122551	465.726	ug/l #	75
16) Acetone	2.386	43	1237	1.934	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	3408990	775.543	ug/l	98
22) Diisopropyl ether	3.758	45	4125	0.931	ug/l #	81
40) Benzene	6.044	78	8487	1.507	ug/l	97

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

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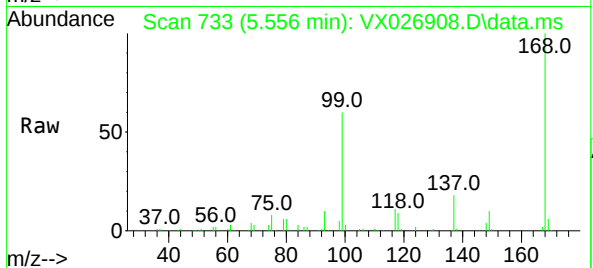
Quant Time: Feb 10 08:38:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
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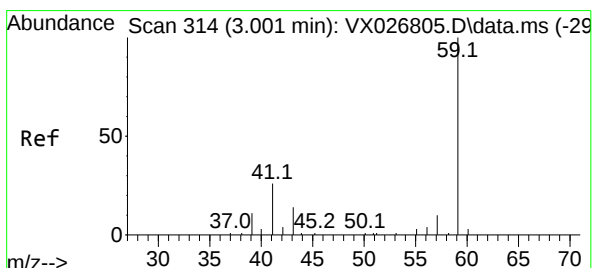
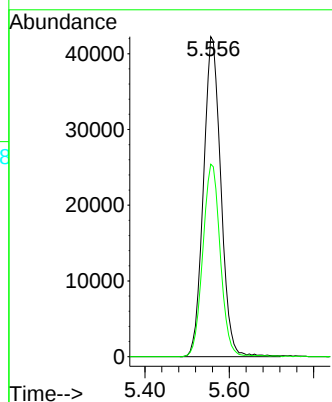
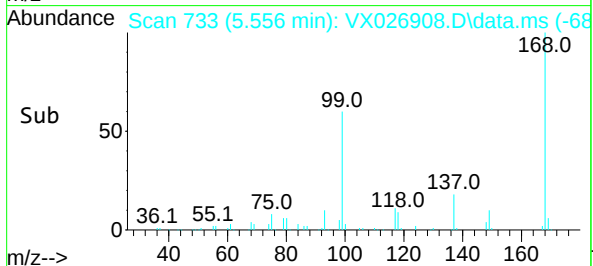


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :
DUP020922

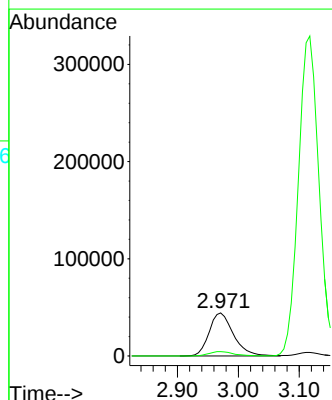
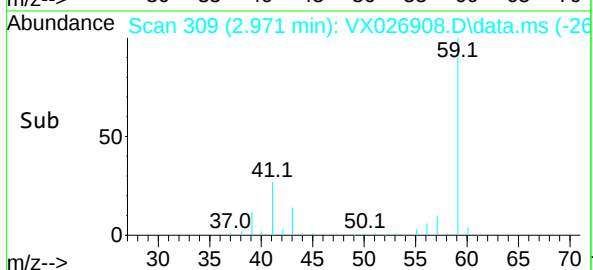
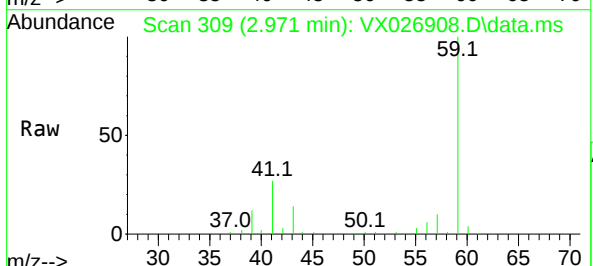


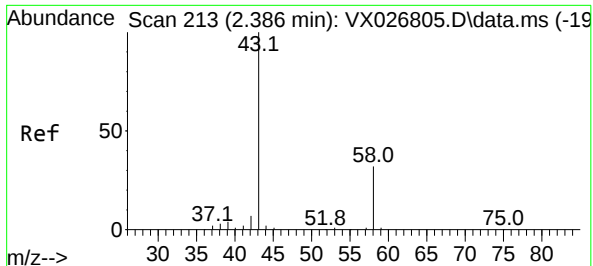
Tgt Ion:168 Resp: 121343
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#11
Tert butyl alcohol
Concen: 465.726 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion: 59 Resp: 122551
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

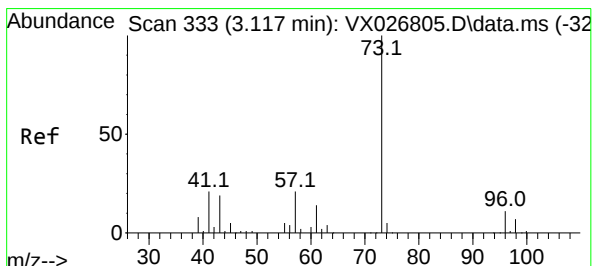
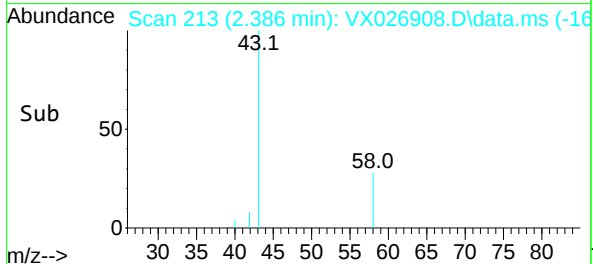
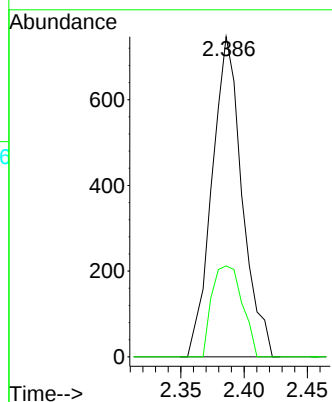
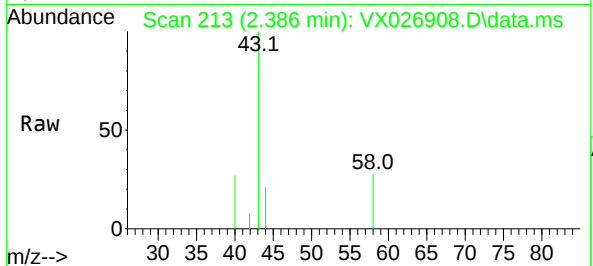




#16
Acetone
Concen: 1.934 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

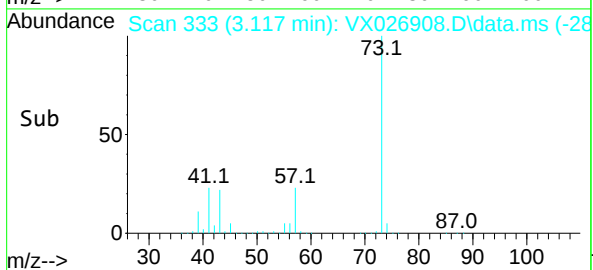
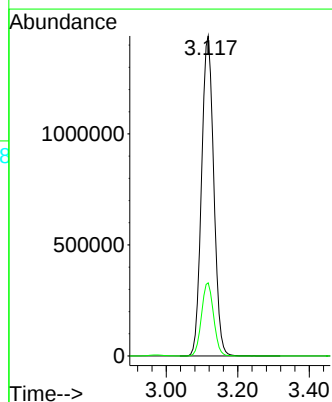
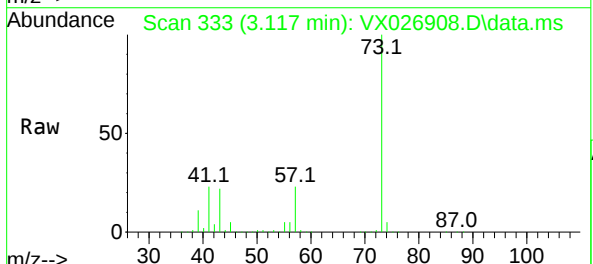
Instrument :
MSVOA_X
ClientSampleId :
DUP020922

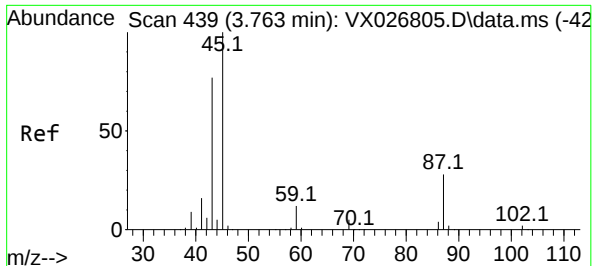
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 28.4 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 775.543 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion: 73 Resp: 3408990
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

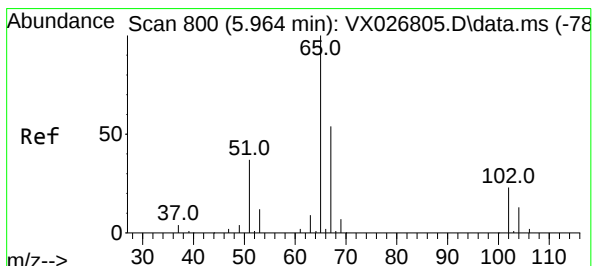
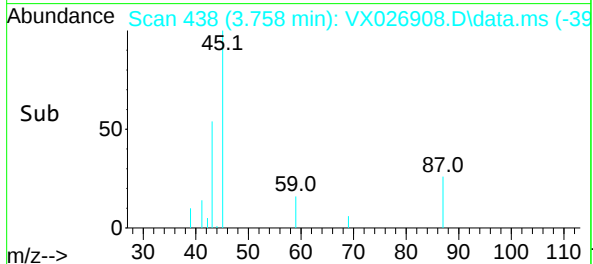
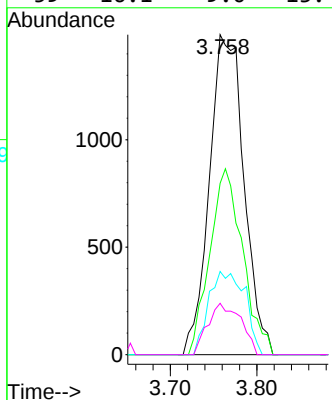
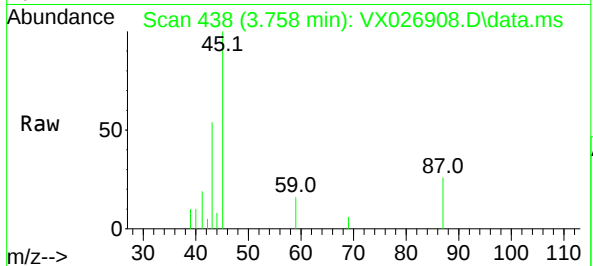




#22
Diisopropyl ether
Concen: 0.931 ug/l
RT: 3.758 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

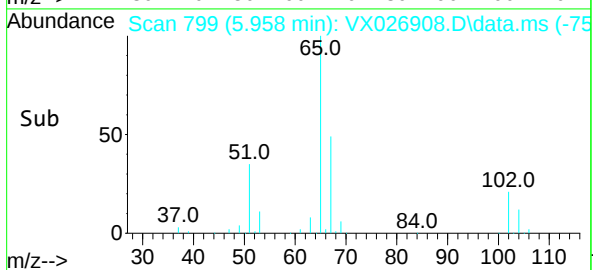
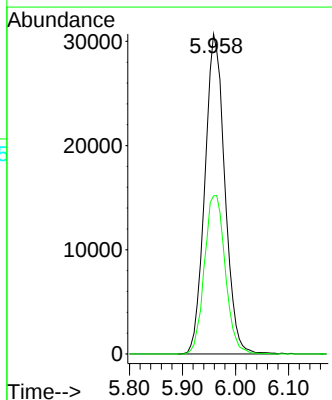
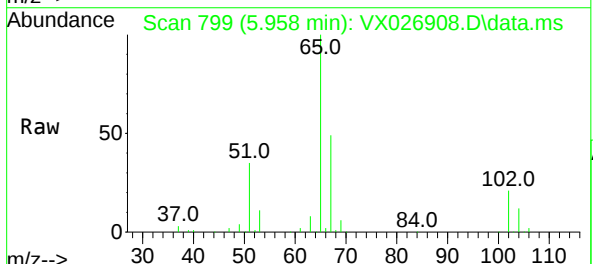
Instrument :
MSVOA_X
ClientSampleId :
DUP020922

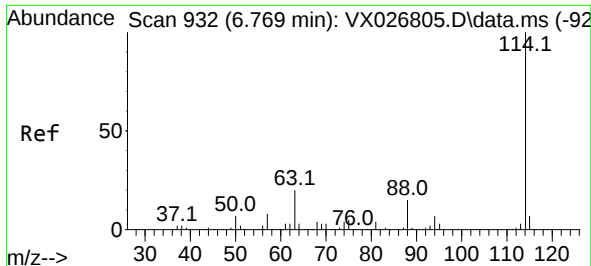
Tgt Ion: 45 Resp: 4125
Ion Ratio Lower Upper
45 100
43 53.5 60.6 91.0#
87 26.0 22.0 33.0
59 16.1 9.0 13.4#



#33
1,2-Dichloroethane-d4
Concen: 55.033 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion: 65 Resp: 80161
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

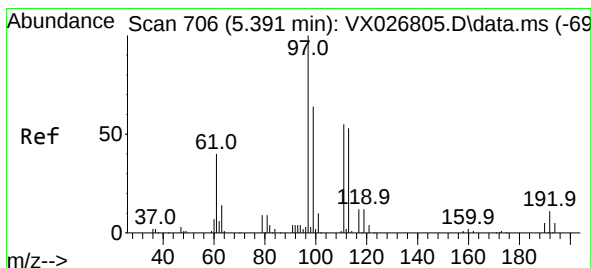
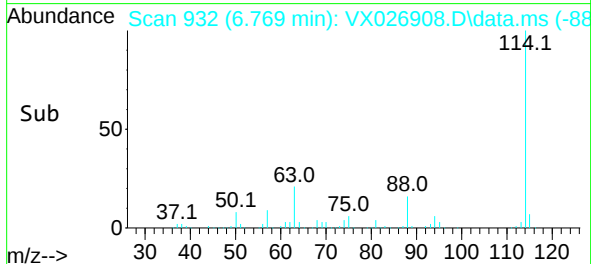
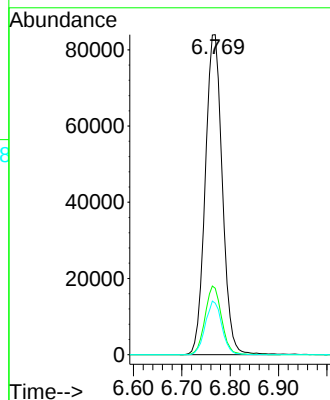
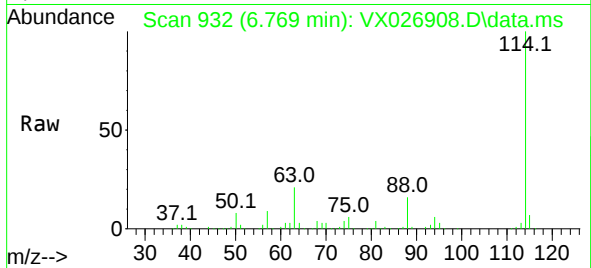




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

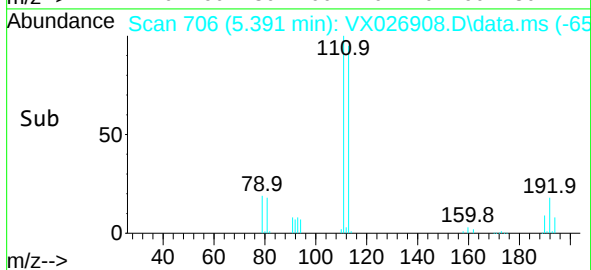
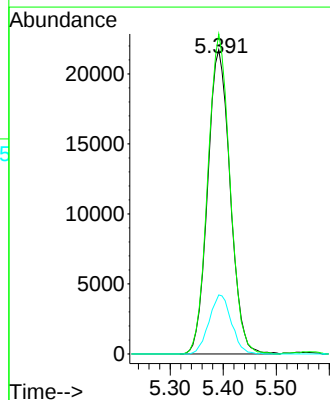
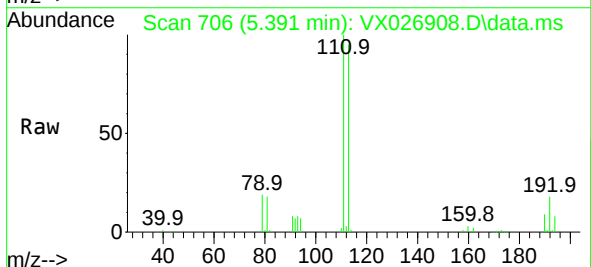
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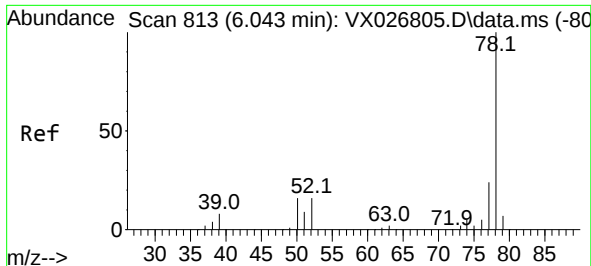
Tgt Ion:114 Resp: 205602
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.329 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion:113 Resp: 64100
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.2 15.0 22.4

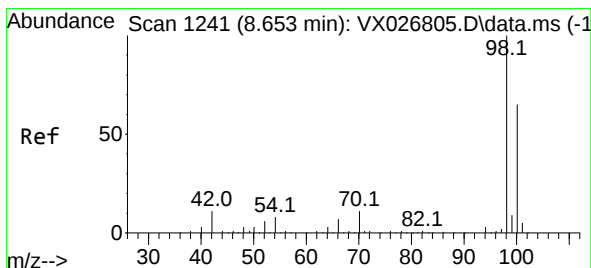
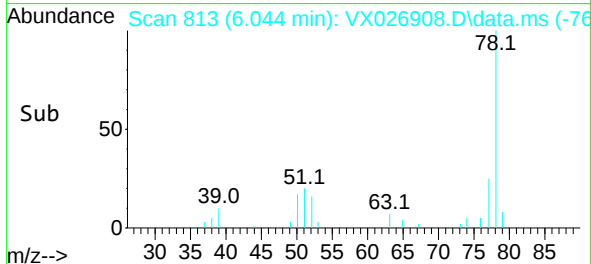
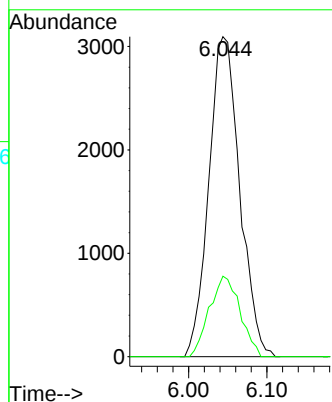
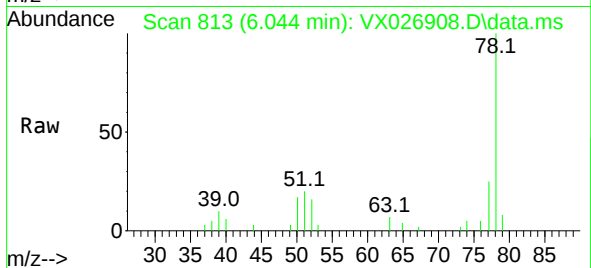




#40
Benzene
Concen: 1.507 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

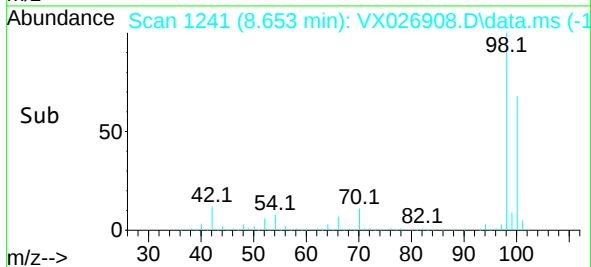
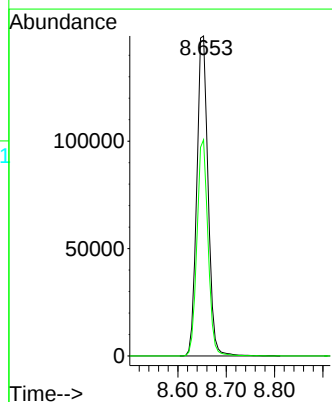
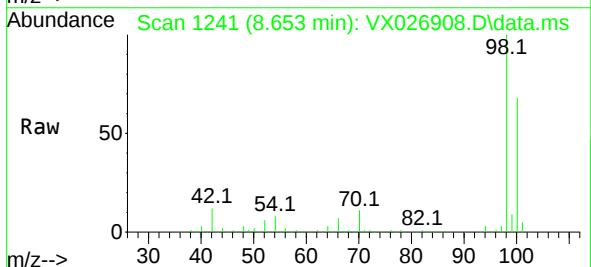
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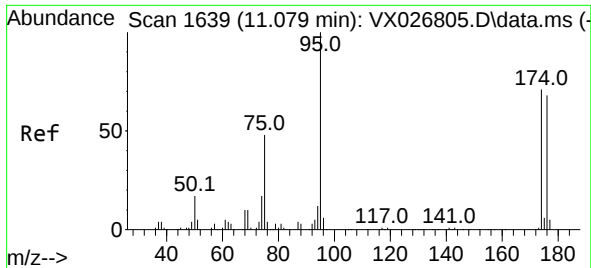
Tgt Ion: 78 Resp: 8487
Ion Ratio Lower Upper
78 100
77 25.2 18.9 28.3



#50
Toluene-d8
Concen: 53.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion: 98 Resp: 240840
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8

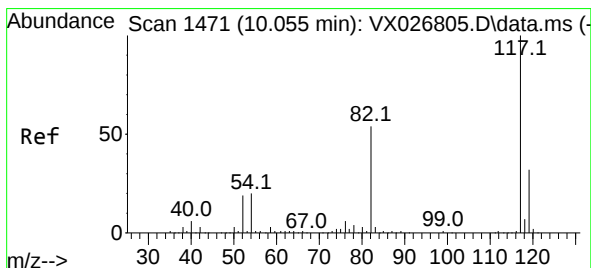
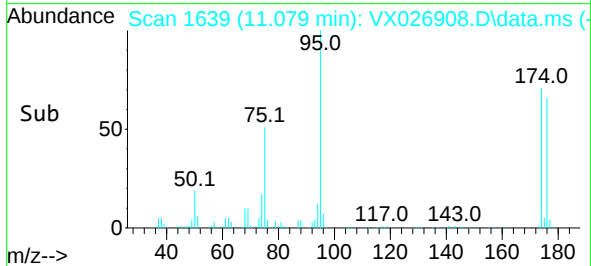
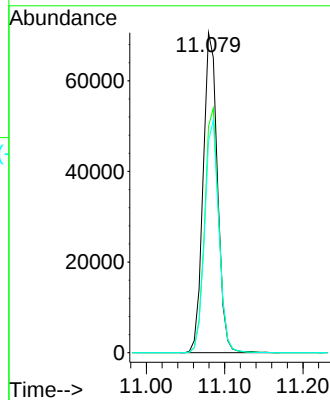
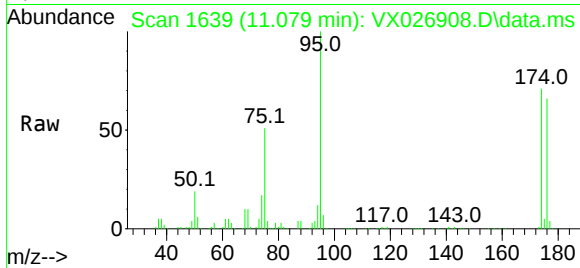




#62
4-Bromofluorobenzene
Concen: 56.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

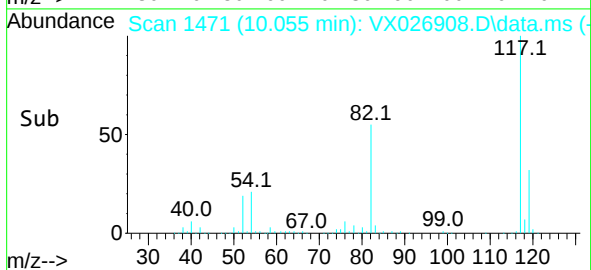
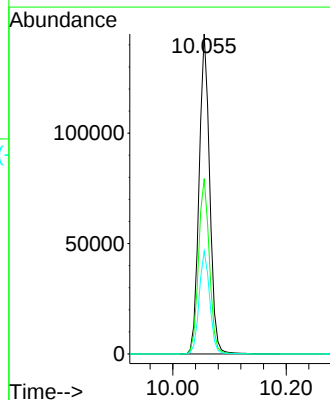
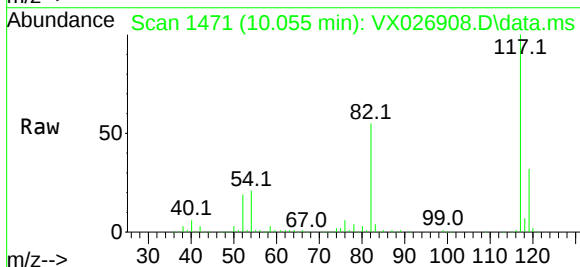
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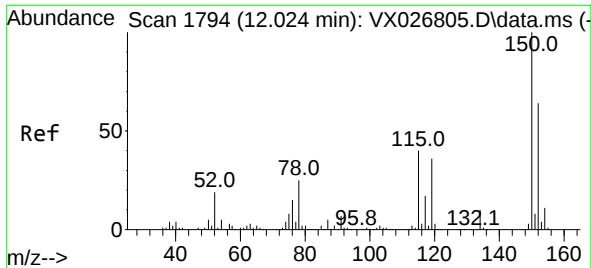
Tgt Ion: 95 Resp: 89641
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

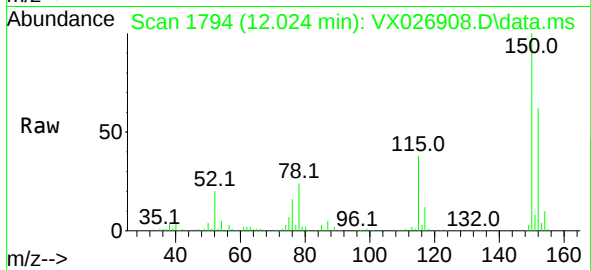
Tgt Ion: 117 Resp: 187517
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.1 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026908.D
 Acq: 10 Feb 2022 07:33

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 79204
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.2 132.6
 150 158.3 0.0 348.2

