

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069343.D
 Acq On : 2 Nov 2021 12:59
 Operator : JC/MD
 Sample : M4438-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-20211101-WC-LS

Quant Time: Nov 03 00:47:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

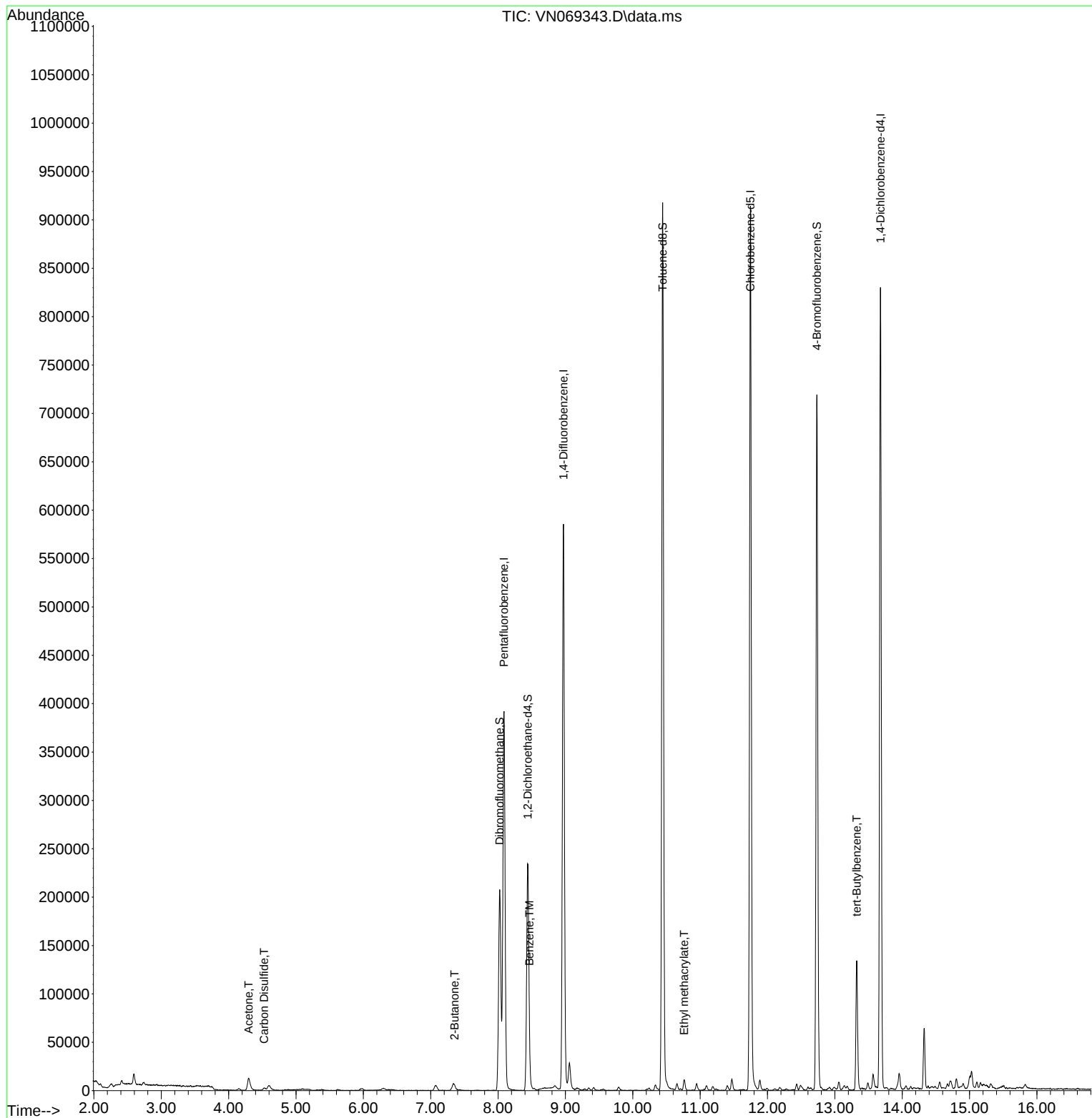
Internal Standards						
1) Pentafluorobenzene	8.088	168	289052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	518976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	543273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	223679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	204674	49.052	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.100%
35) Dibromofluoromethane	8.024	113	152541	47.152	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.300%
50) Toluene-d8	10.443	98	659429	50.980	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.733	95	261437	53.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.120%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	23921	13.456	ug/l	97
17) Carbon Disulfide	4.527	76	5503	0.795	ug/l	96
25) 2-Butanone	7.353	43	7102	4.224	ug/l #	87
40) Benzene	8.464	78	5921	0.440	ug/l	95
56) Ethyl methacrylate	10.762	69	6741	2.685	ug/l	97
83) tert-Butylbenzene	13.323	119	66446	4.879	ug/l	98

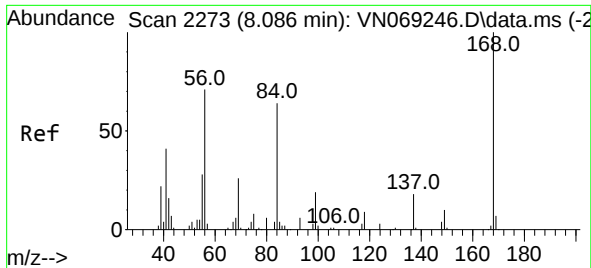
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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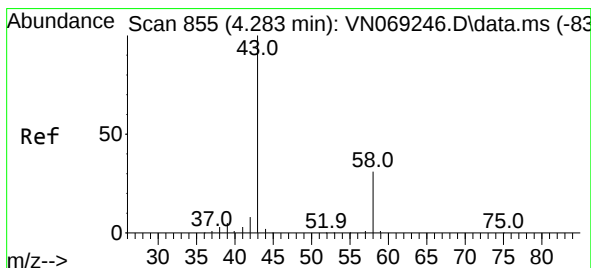
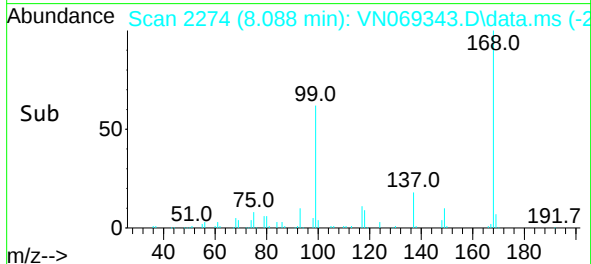
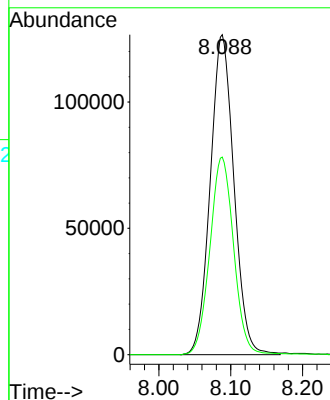
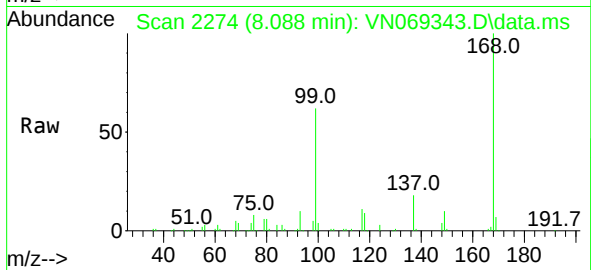




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

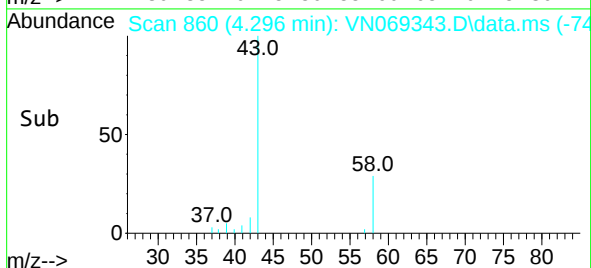
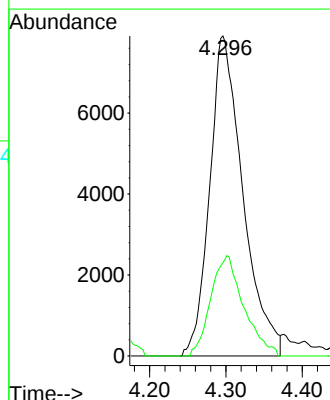
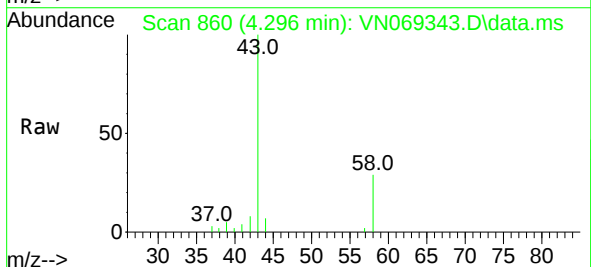
Instrument :
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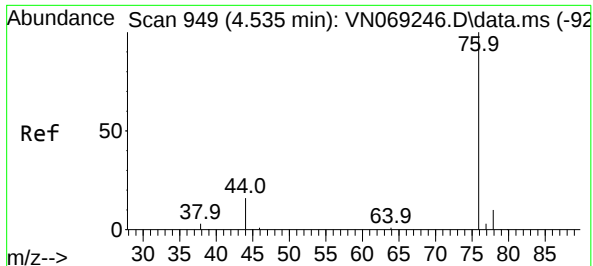
Tgt Ion:168 Resp: 289052
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#16
Acetone
Concen: 13.456 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.013 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

Tgt Ion: 43 Resp: 23921
Ion Ratio Lower Upper
43 100
58 29.1 24.5 36.7

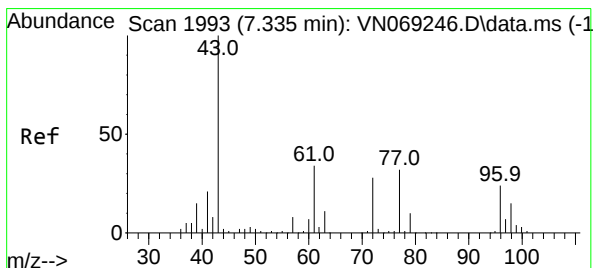
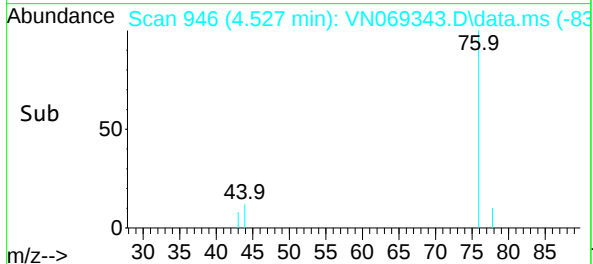
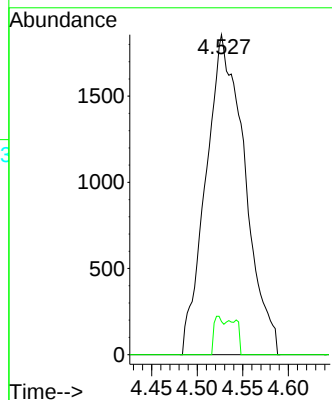
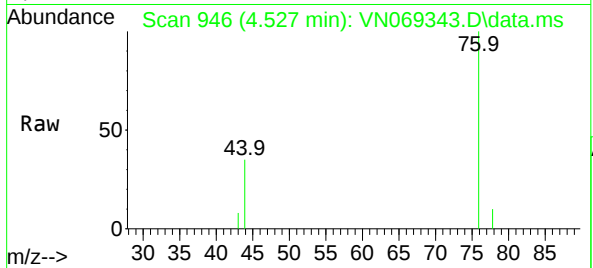




#17
Carbon Disulfide
Concen: 0.795 ug/l
RT: 4.527 min Scan# 949
Delta R.T. -0.008 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

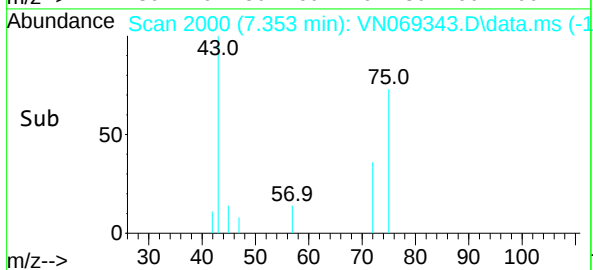
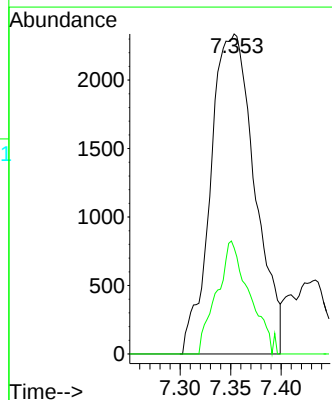
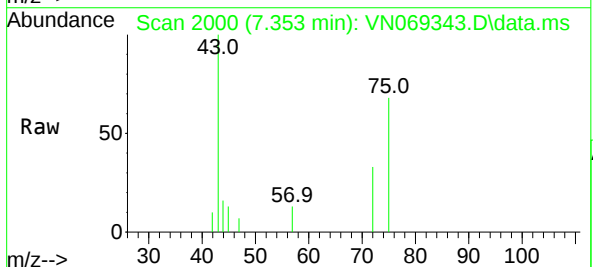
Instrument :
MSVOA_N
ClientSampleId :
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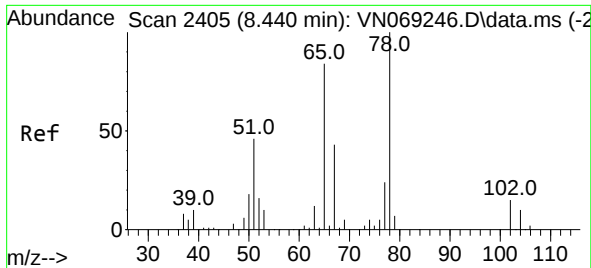
Tgt Ion: 76 Resp: 5503
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#25
2-Butanone
Concen: 4.224 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.018 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

Tgt Ion: 43 Resp: 7102
Ion Ratio Lower Upper
43 100
72 33.2 21.2 31.8#

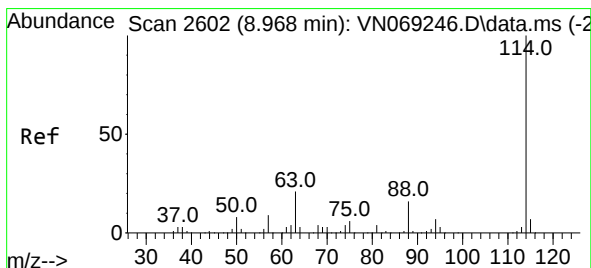
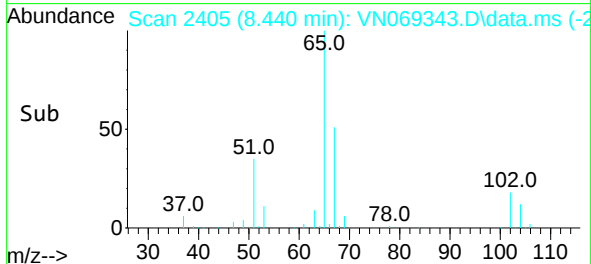
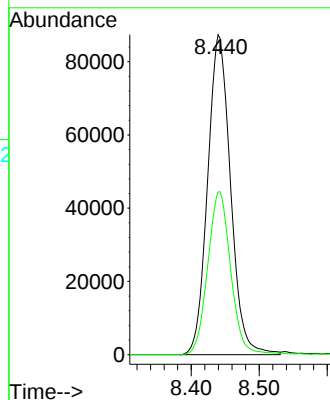
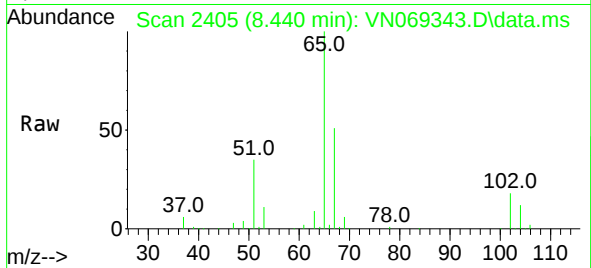




#33
 1,2-Dichloroethane-d4
 Concen: 49.052 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069343.D
 Acq: 2 Nov 2021 12:59

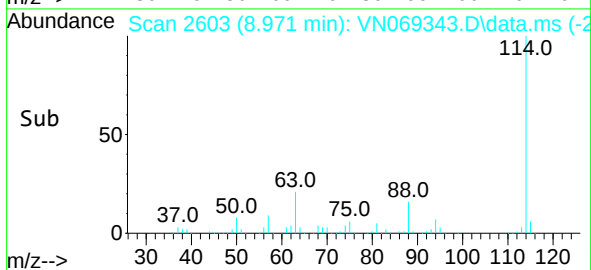
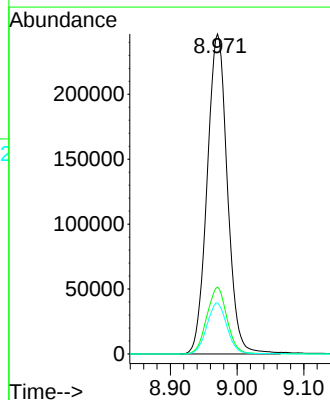
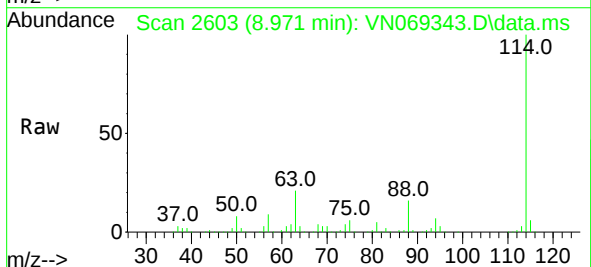
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-20211101-WC-LS

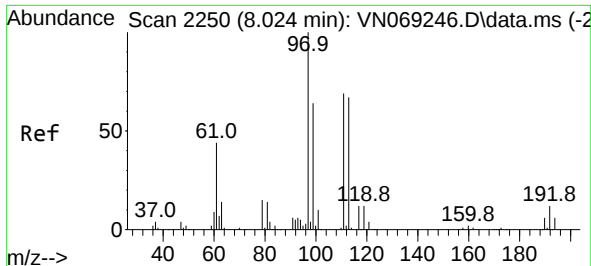
Tgt Ion: 65 Resp: 204674
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069343.D
 Acq: 2 Nov 2021 12:59

Tgt Ion: 114 Resp: 518976
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 16.0 0.0 32.0

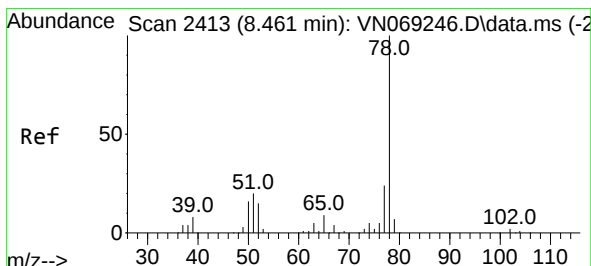
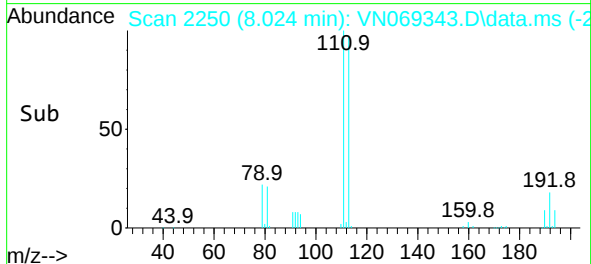
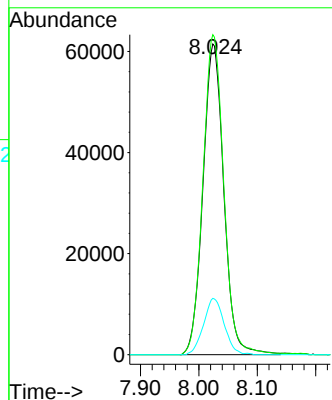
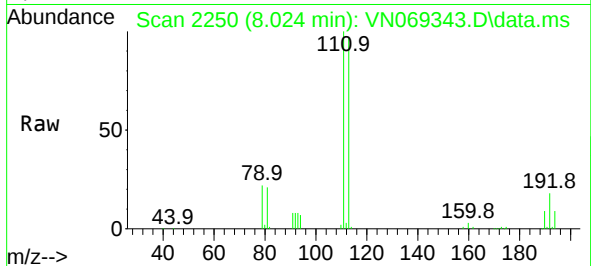




#35
Dibromofluoromethane
Concen: 47.152 ug/l
RT: 8.024 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

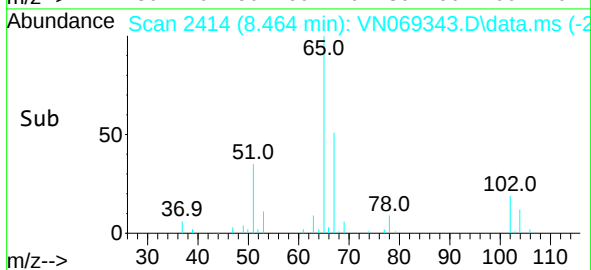
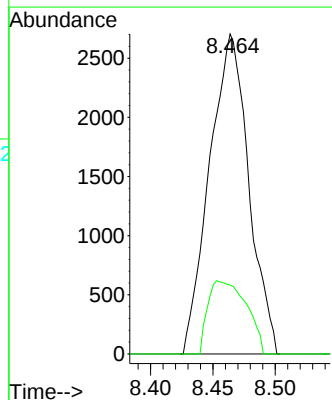
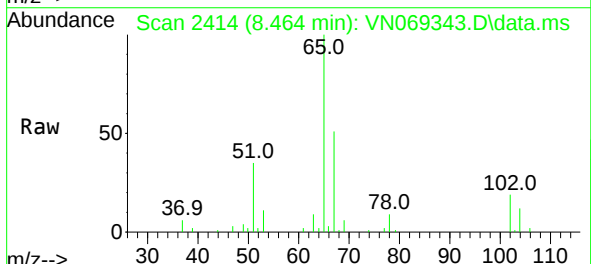
Instrument :
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ClientSampleId :
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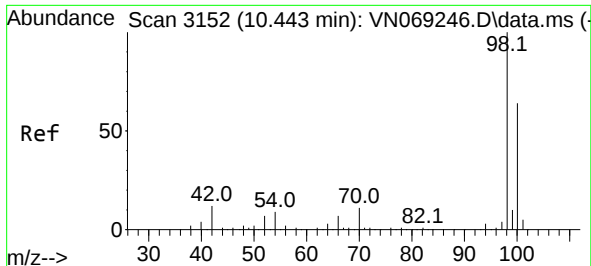
Tgt Ion:113 Resp: 152541
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 17.9 15.0 22.4



#40
Benzene
Concen: 0.440 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

Tgt Ion: 78 Resp: 5921
Ion Ratio Lower Upper
78 100
77 21.6 19.1 28.7

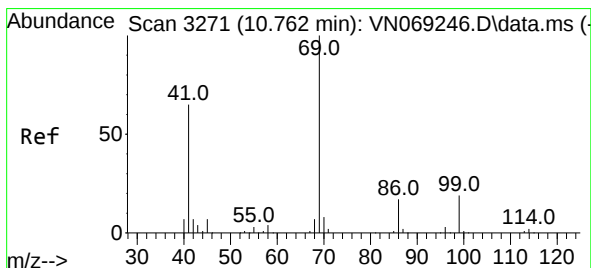
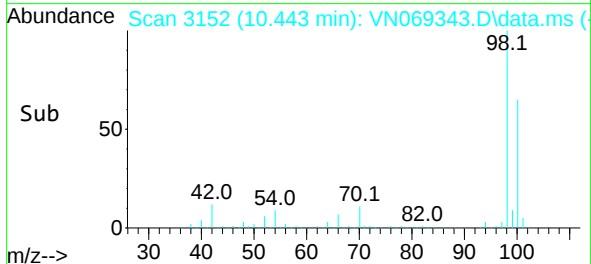
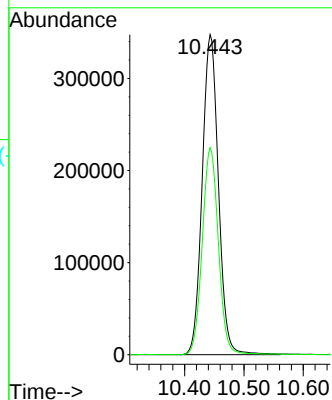
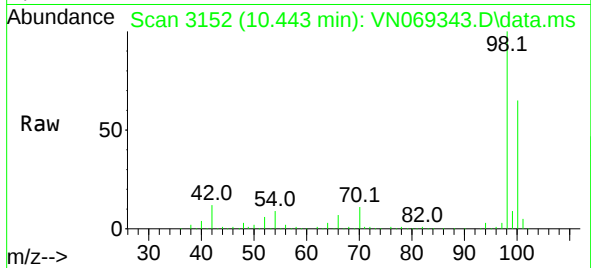




#50
Toluene-d8
Concen: 50.980 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

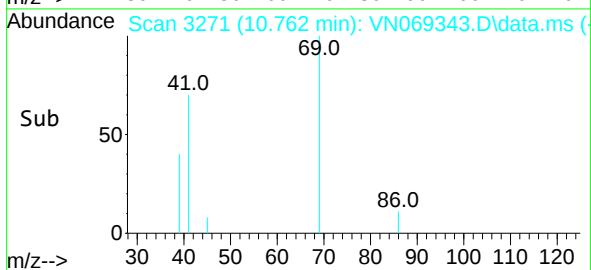
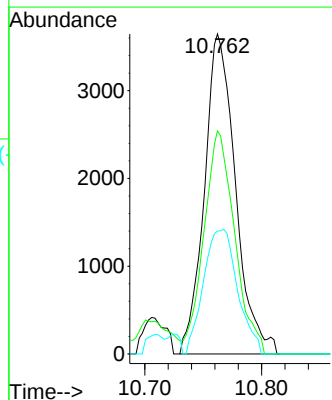
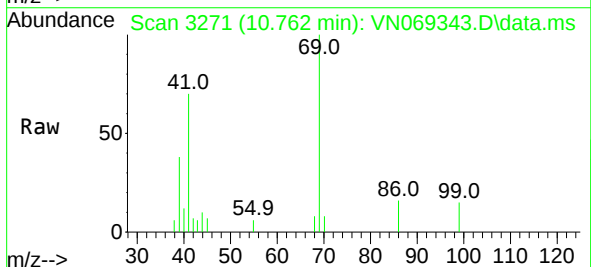
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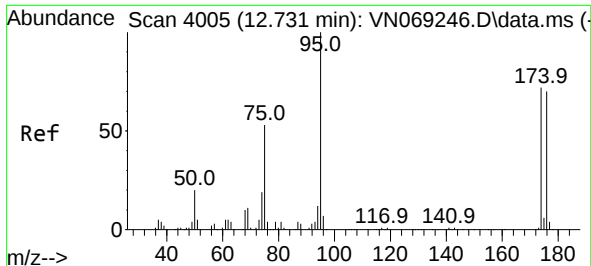
Tgt Ion: 98 Resp: 659429
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#56
Ethyl methacrylate
Concen: 2.685 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

Tgt Ion: 69 Resp: 6741
Ion Ratio Lower Upper
69 100
41 69.2 53.3 79.9
39 42.6 33.3 49.9





#62

4-Bromofluorobenzene

Concen: 53.562 ug/l

RT: 12.733 min Scan# 4005

Delta R.T. 0.002 min

Lab File: VN069343.D

Acq: 2 Nov 2021 12:59

Instrument :

MSVOA_N

ClientSampleId :

FDR-20211101-WC-LS

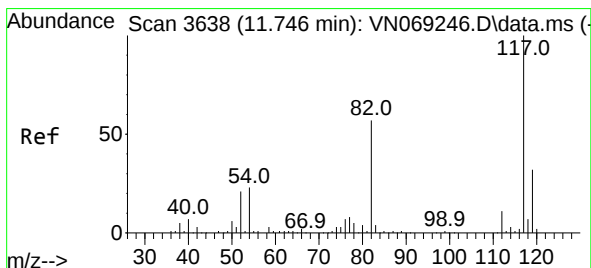
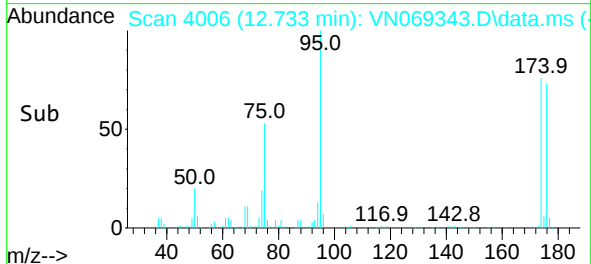
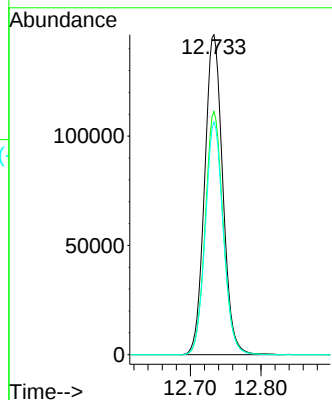
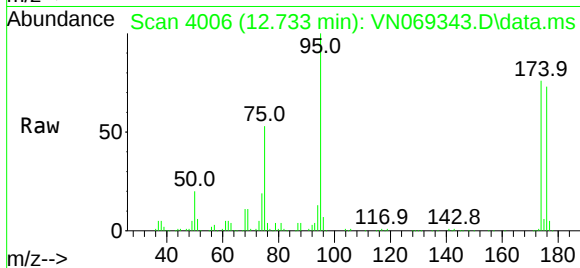
Tgt Ion: 95 Resp: 261437

Ion Ratio Lower Upper

95 100

174 75.3 0.0 144.8

176 72.2 0.0 140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN069343.D

Acq: 2 Nov 2021 12:59

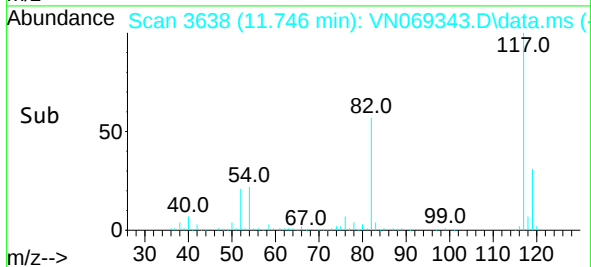
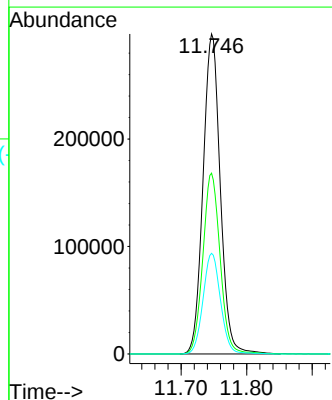
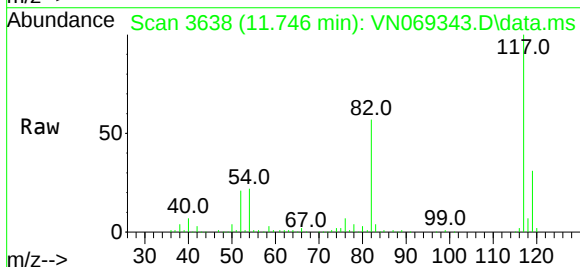
Tgt Ion: 117 Resp: 543273

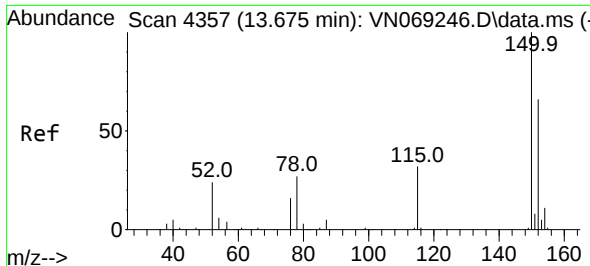
Ion Ratio Lower Upper

117 100

82 56.5 46.4 69.6

119 31.4 26.0 39.0

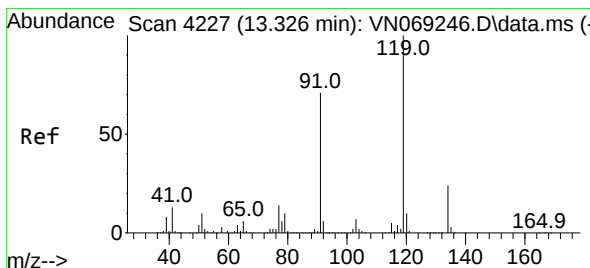
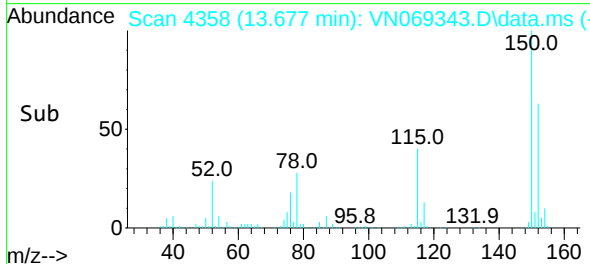
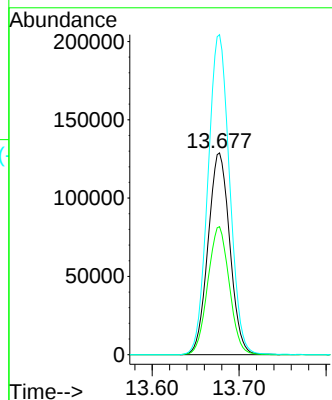
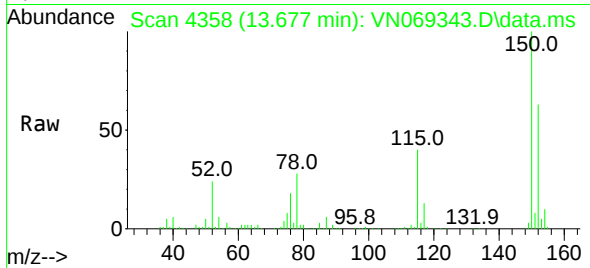




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

Instrument :
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FDR-20211101-WC-LS

Tgt Ion:152 Resp: 223679
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 157.9 0.0 351.0



#83
tert-Butylbenzene
Concen: 4.879 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.003 min
Lab File: VN069343.D
Acq: 2 Nov 2021 12:59

Tgt Ion:119 Resp: 66446
Ion Ratio Lower Upper
119 100
91 70.4 34.6 103.9
134 22.8 12.6 37.6

