

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069341.D
 Acq On : 2 Nov 2021 12:08
 Operator : JC/MD
 Sample : M4438-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 03 00:47:23 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)

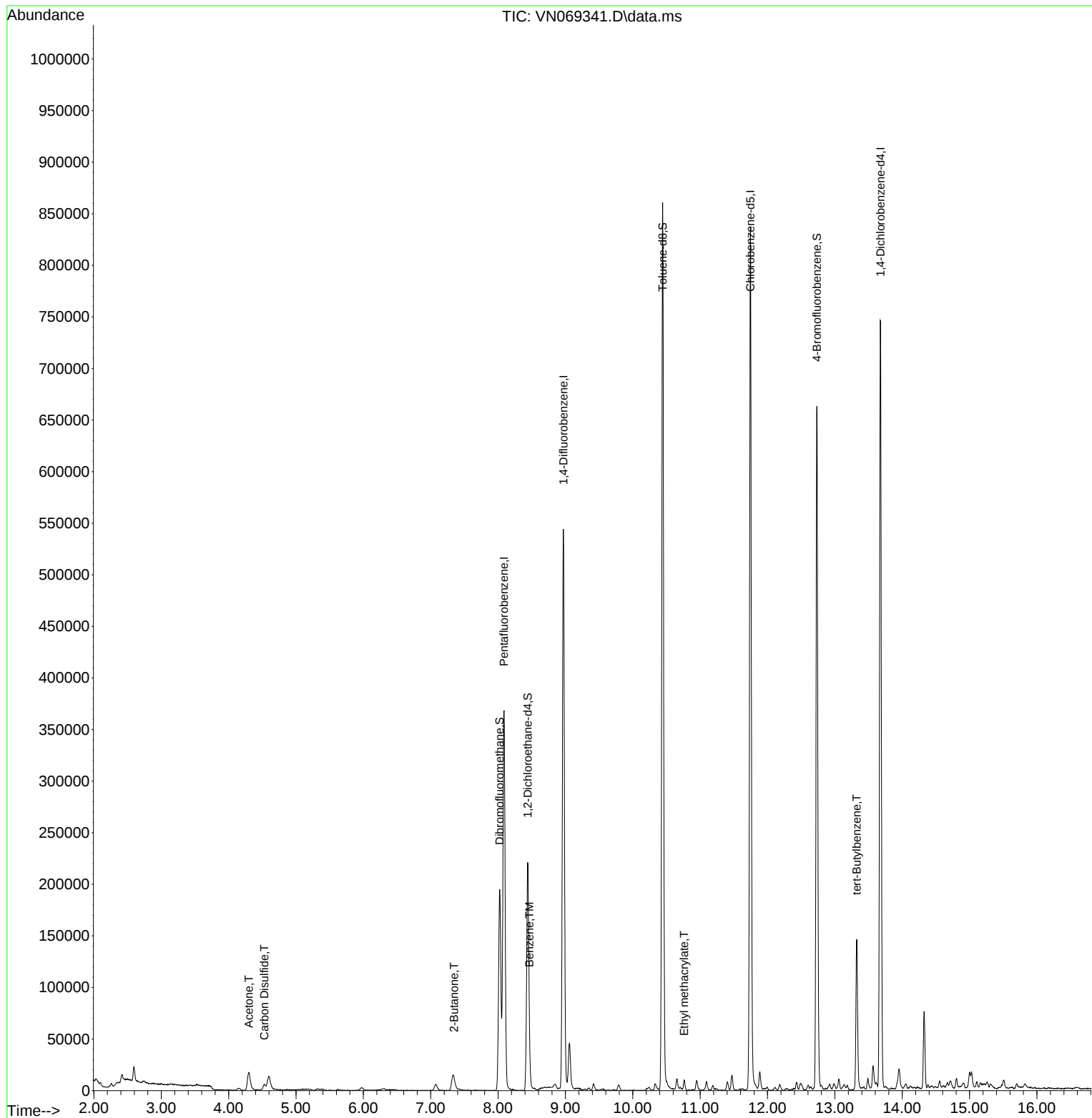
Internal Standards						
1) Pentafluorobenzene	8.088	168	276962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	489420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	494386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	200479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	189529	47.405	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.820%		
35) Dibromofluoromethane	8.024	113	144330	47.308	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.620%		
50) Toluene-d8	10.443	98	616119	50.509	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.020%		
62) 4-Bromofluorobenzene	12.733	95	237759	51.652	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.300%		
Target Compounds						
16) Acetone	4.299	43	33901	19.902	ug/l	97
17) Carbon Disulfide	4.529	76	12904	1.945	ug/l	99
25) 2-Butanone	7.345	43	9280	5.166	ug/l	95
40) Benzene	8.464	78	6625	0.522	ug/l	95
56) Ethyl methacrylate	10.762	69	5350	2.526	ug/l	94
83) tert-Butylbenzene	13.323	119	70944	5.812	ug/l	97

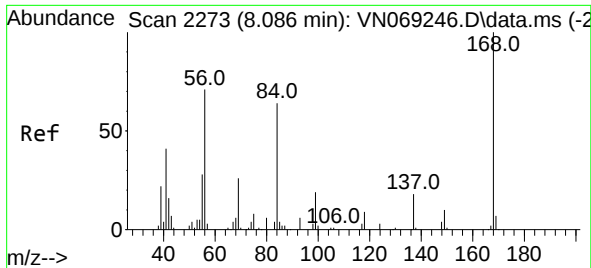
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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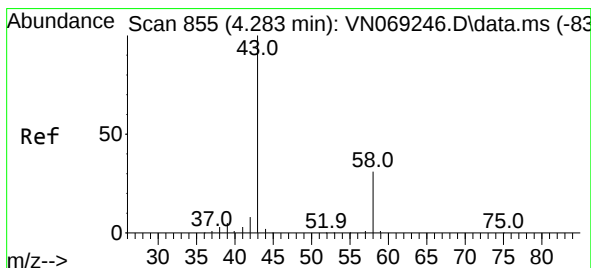
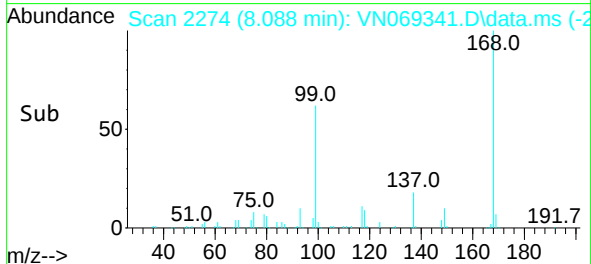
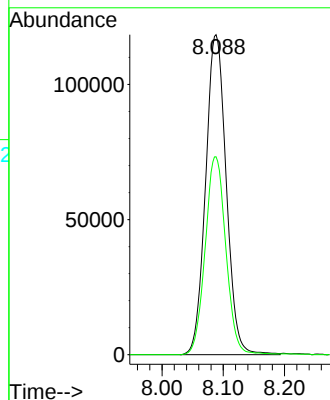
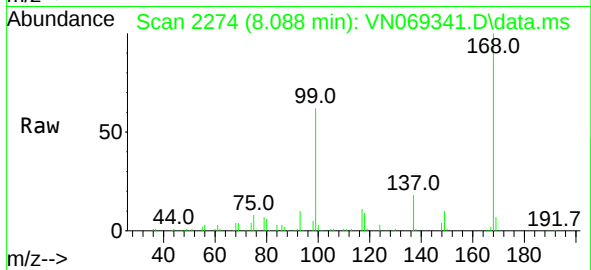




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

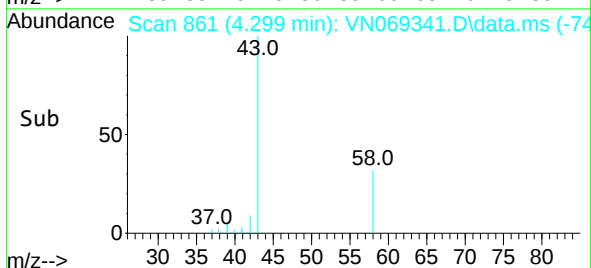
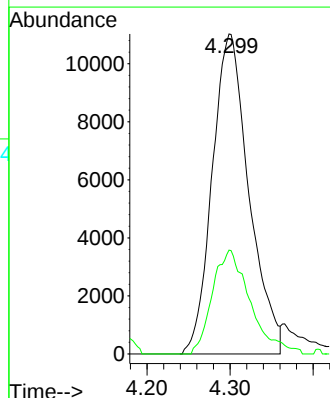
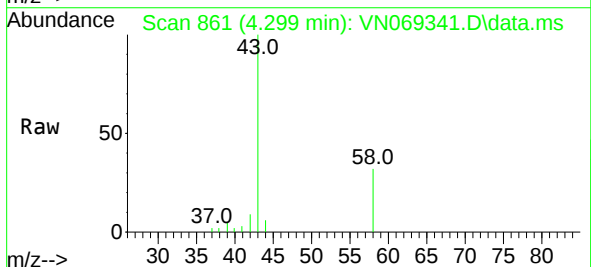
Instrument :
MSVOA_N
ClientSampleId :
FDR-20211101-WC-L

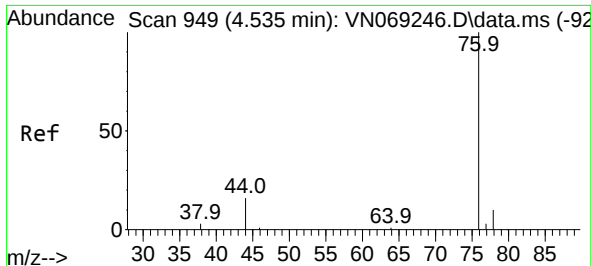
Tgt Ion:168 Resp: 276962
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#16
Acetone
Concen: 19.902 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.016 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

Tgt Ion: 43 Resp: 33901
Ion Ratio Lower Upper
43 100
58 32.4 24.5 36.7

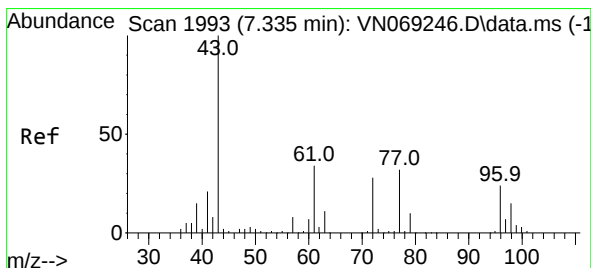
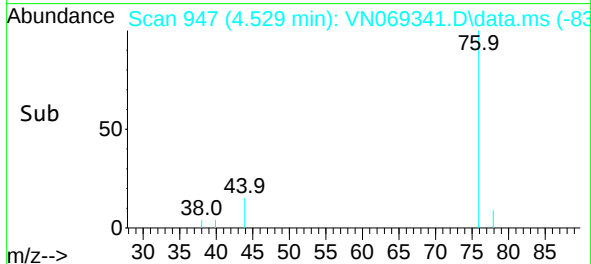
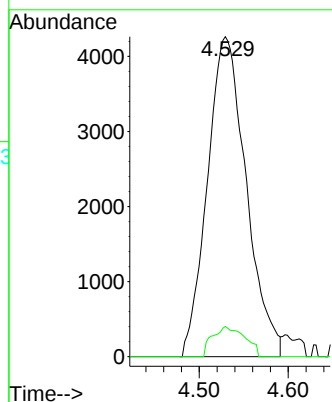
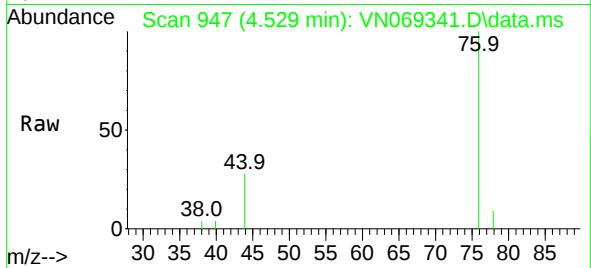




#17
Carbon Disulfide
Concen: 1.945 ug/l
RT: 4.529 min Scan# 949
Delta R.T. -0.006 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

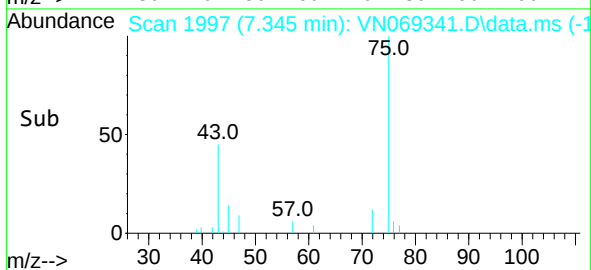
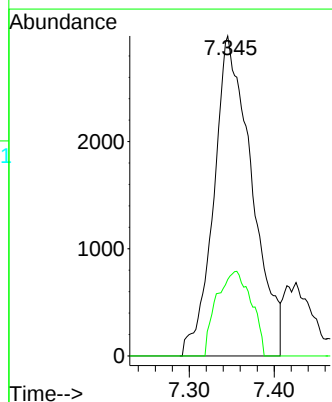
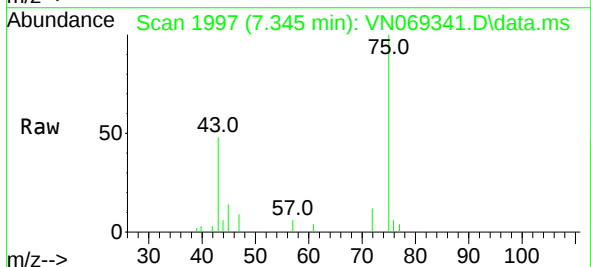
Instrument :
MSVOA_N
ClientSampleId :
FDR-20211101-WC-L

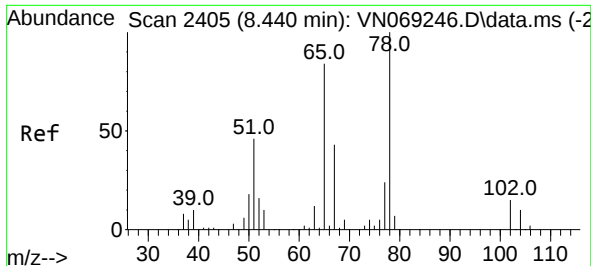
Tgt Ion: 76 Resp: 12904
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#25
2-Butanone
Concen: 5.166 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

Tgt Ion: 43 Resp: 9280
Ion Ratio Lower Upper
43 100
72 23.9 21.2 31.8

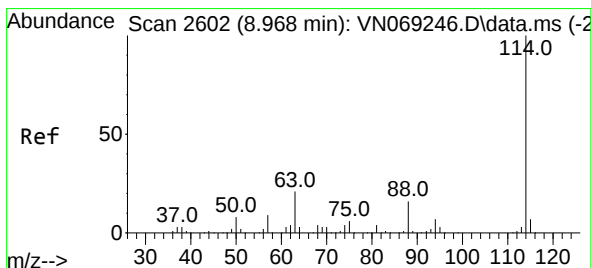
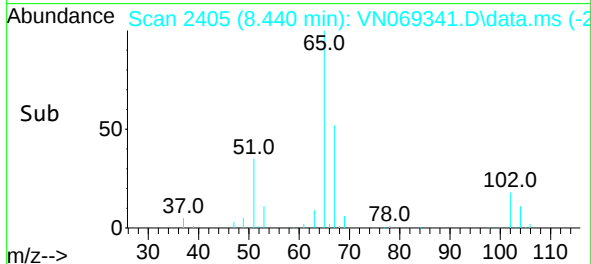
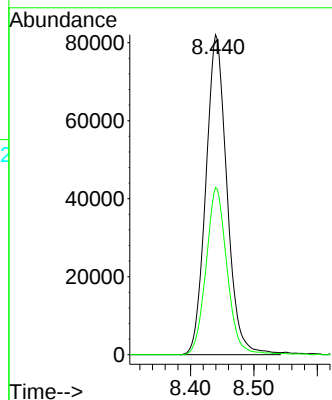
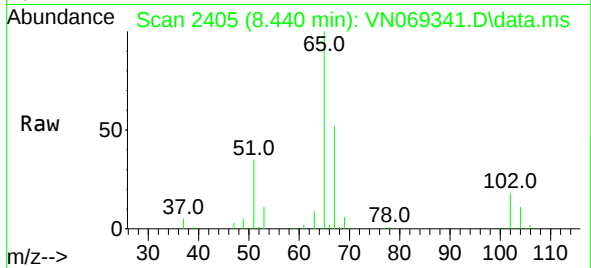




#33
 1,2-Dichloroethane-d4
 Concen: 47.405 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069341.D
 Acq: 2 Nov 2021 12:08

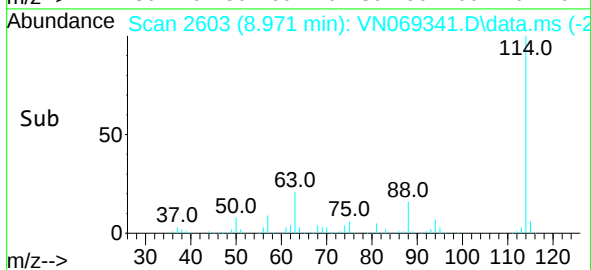
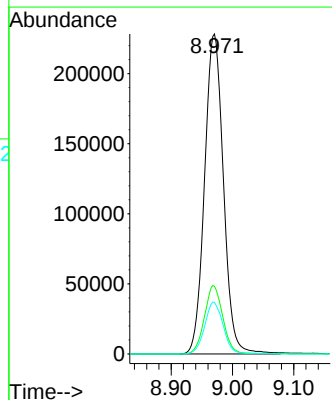
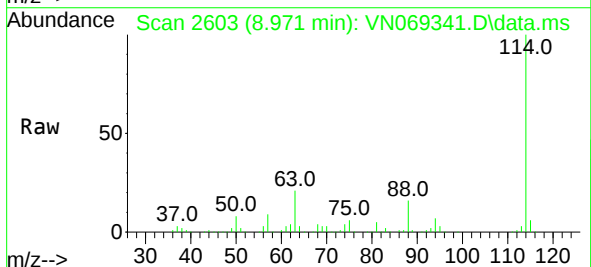
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-20211101-WC-L

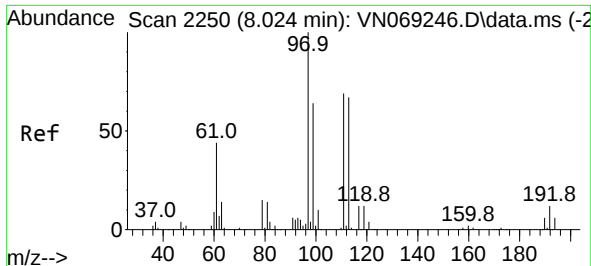
Tgt Ion: 65 Resp: 189529
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069341.D
 Acq: 2 Nov 2021 12:08

Tgt Ion: 114 Resp: 489420
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.6
 88 16.1 0.0 32.0

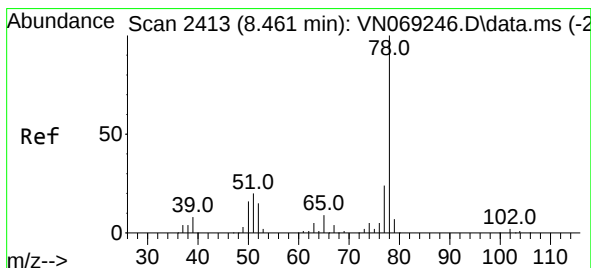
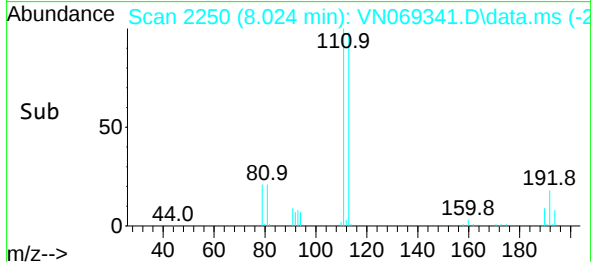
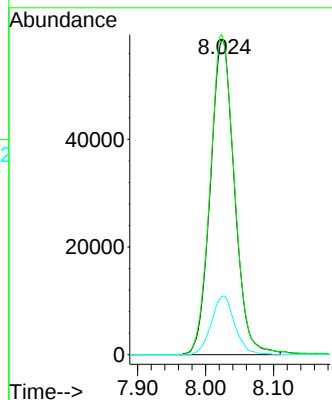
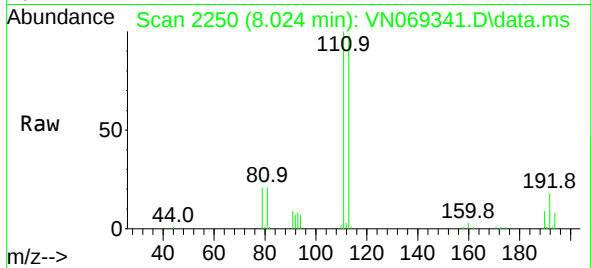




#35
Dibromofluoromethane
Concen: 47.308 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

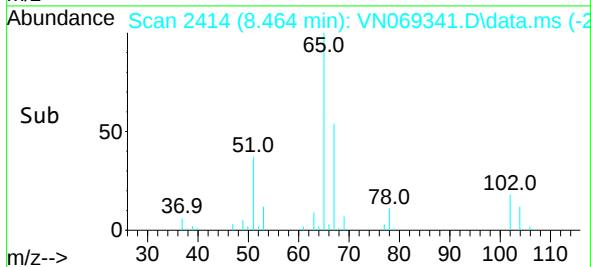
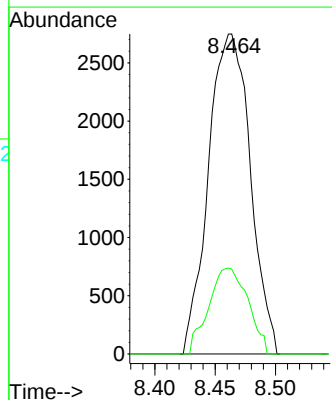
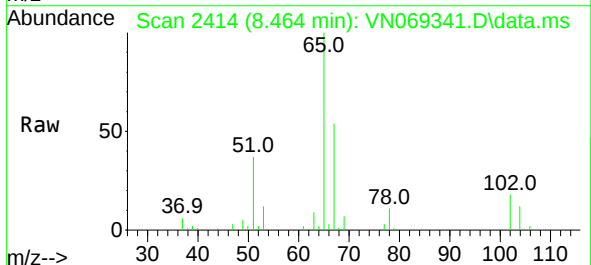
Instrument :
MSVOA_N
ClientSampleId :
FDR-20211101-WC-L

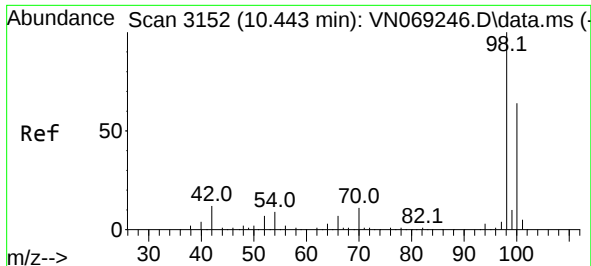
Tgt Ion:113 Resp: 144330
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 18.1 15.0 22.4



#40
Benzene
Concen: 0.522 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

Tgt Ion: 78 Resp: 6625
Ion Ratio Lower Upper
78 100
77 26.5 19.1 28.7

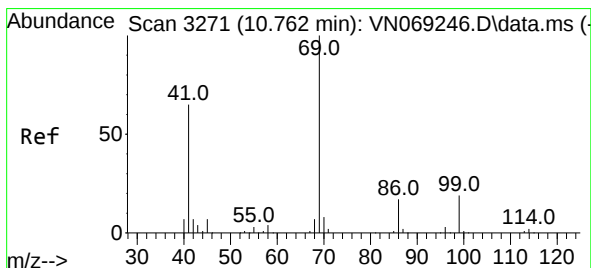
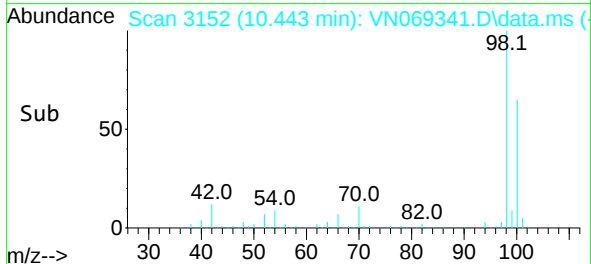
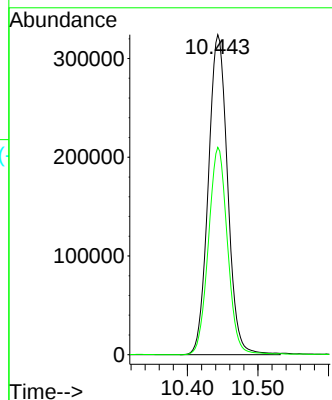
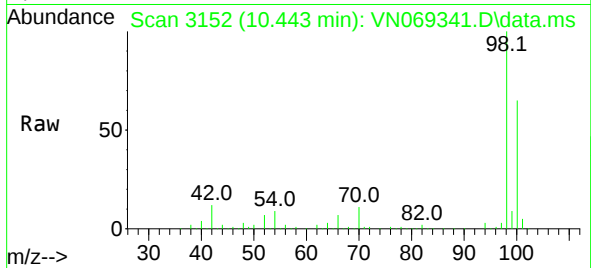




#50
Toluene-d8
Concen: 50.509 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

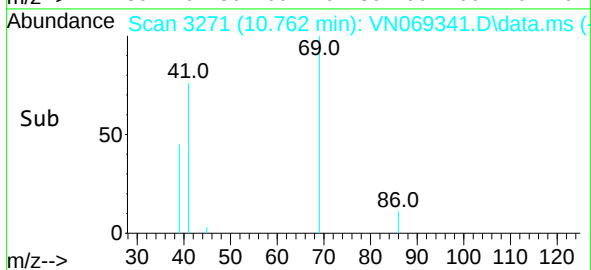
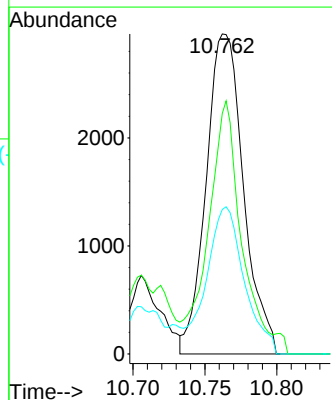
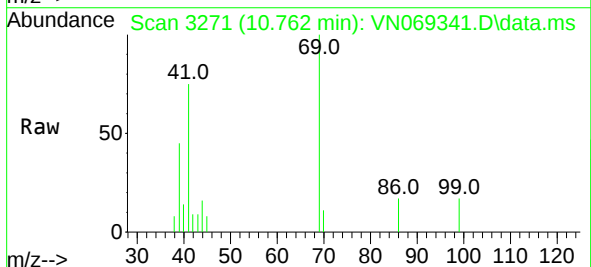
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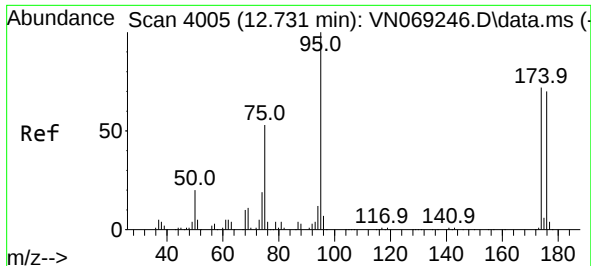
Tgt Ion: 98 Resp: 616119
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#56
Ethyl methacrylate
Concen: 2.526 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

Tgt Ion: 69 Resp: 5350
Ion Ratio Lower Upper
69 100
41 71.0 53.3 79.9
39 46.3 33.3 49.9





#62

4-Bromofluorobenzene

Concen: 51.652 ug/l

RT: 12.733 min Scan# 4005

Delta R.T. 0.002 min

Lab File: VN069341.D

Acq: 2 Nov 2021 12:08

Instrument :

MSVOA_N

ClientSampleId :

FDR-20211101-WC-L

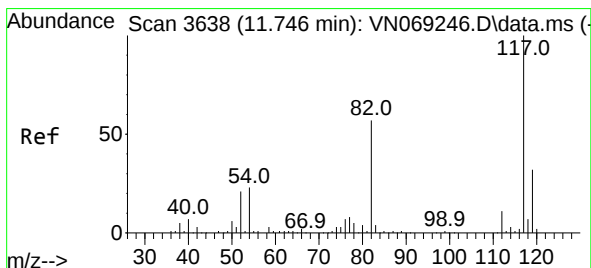
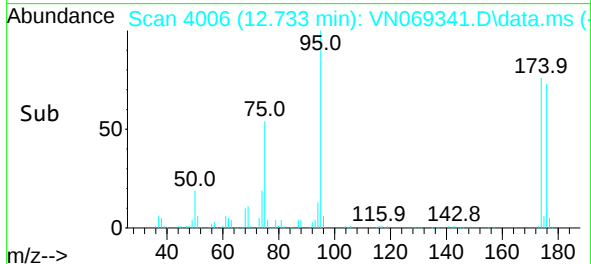
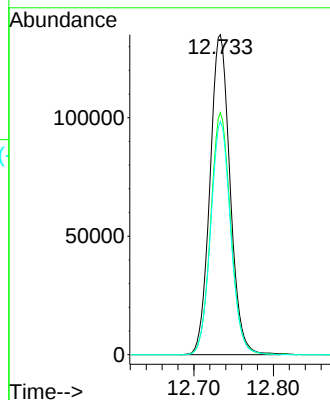
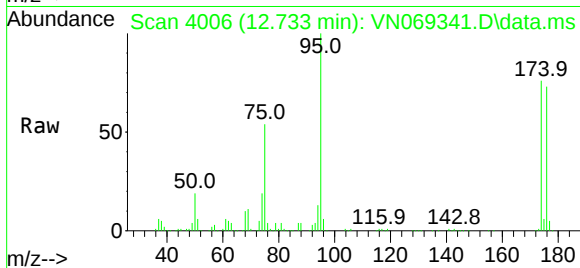
Tgt Ion: 95 Resp: 237759

Ion Ratio Lower Upper

95 100

174 75.2 0.0 144.8

176 72.5 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: VN069341.D

Acq: 2 Nov 2021 12:08

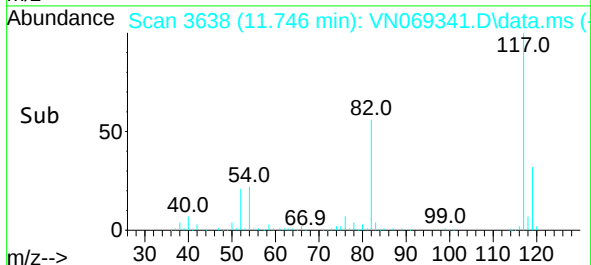
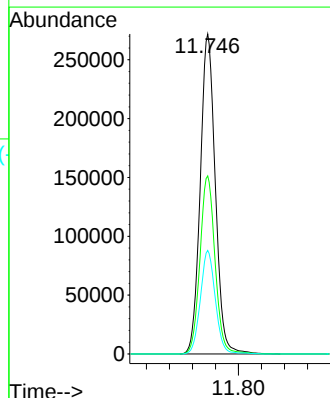
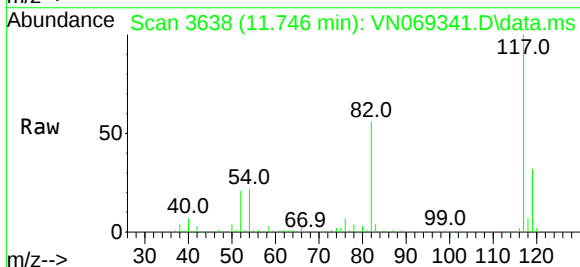
Tgt Ion: 117 Resp: 494386

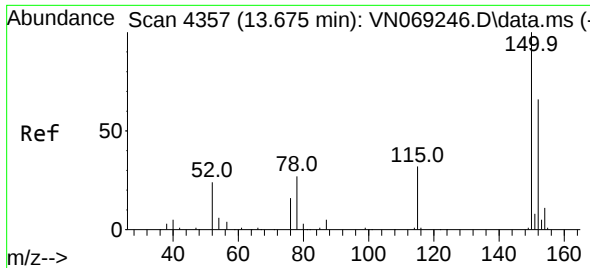
Ion Ratio Lower Upper

117 100

82 55.6 46.4 69.6

119 32.3 26.0 39.0

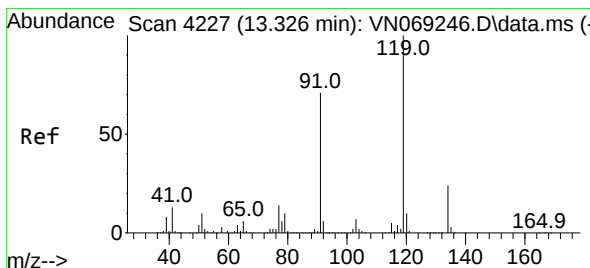
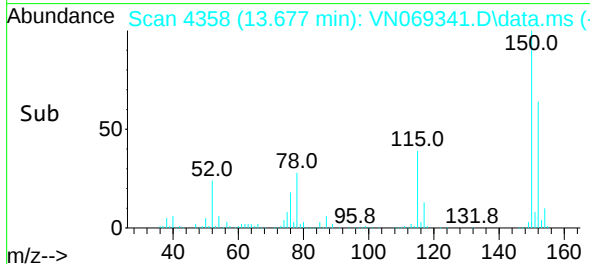
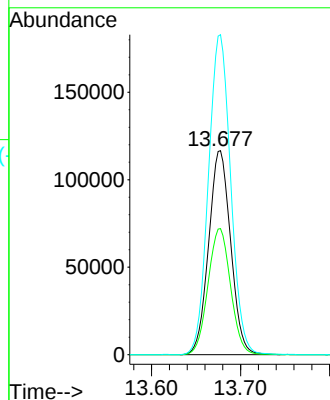
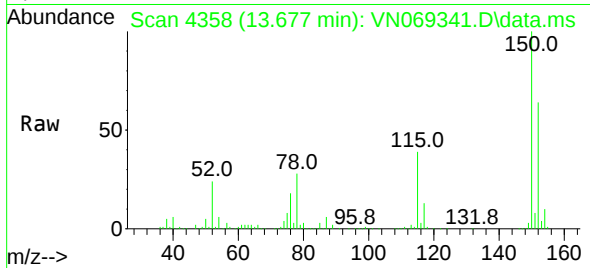




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

Instrument :
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ClientSampleId :
FDR-20211101-WC-L

Tgt Ion:152 Resp: 200479
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.3
150 158.5 0.0 351.0



#83
tert-Butylbenzene
Concen: 5.812 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.003 min
Lab File: VN069341.D
Acq: 2 Nov 2021 12:08

Tgt Ion:119 Resp: 70944
Ion Ratio Lower Upper
119 100
91 71.2 34.6 103.9
134 23.1 12.6 37.6

