

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069890.D
 Acq On : 9 Dec 2021 4:21
 Operator : JC/MD
 Sample : M4958-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 D-01

Quant Time: Dec 09 11:57:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

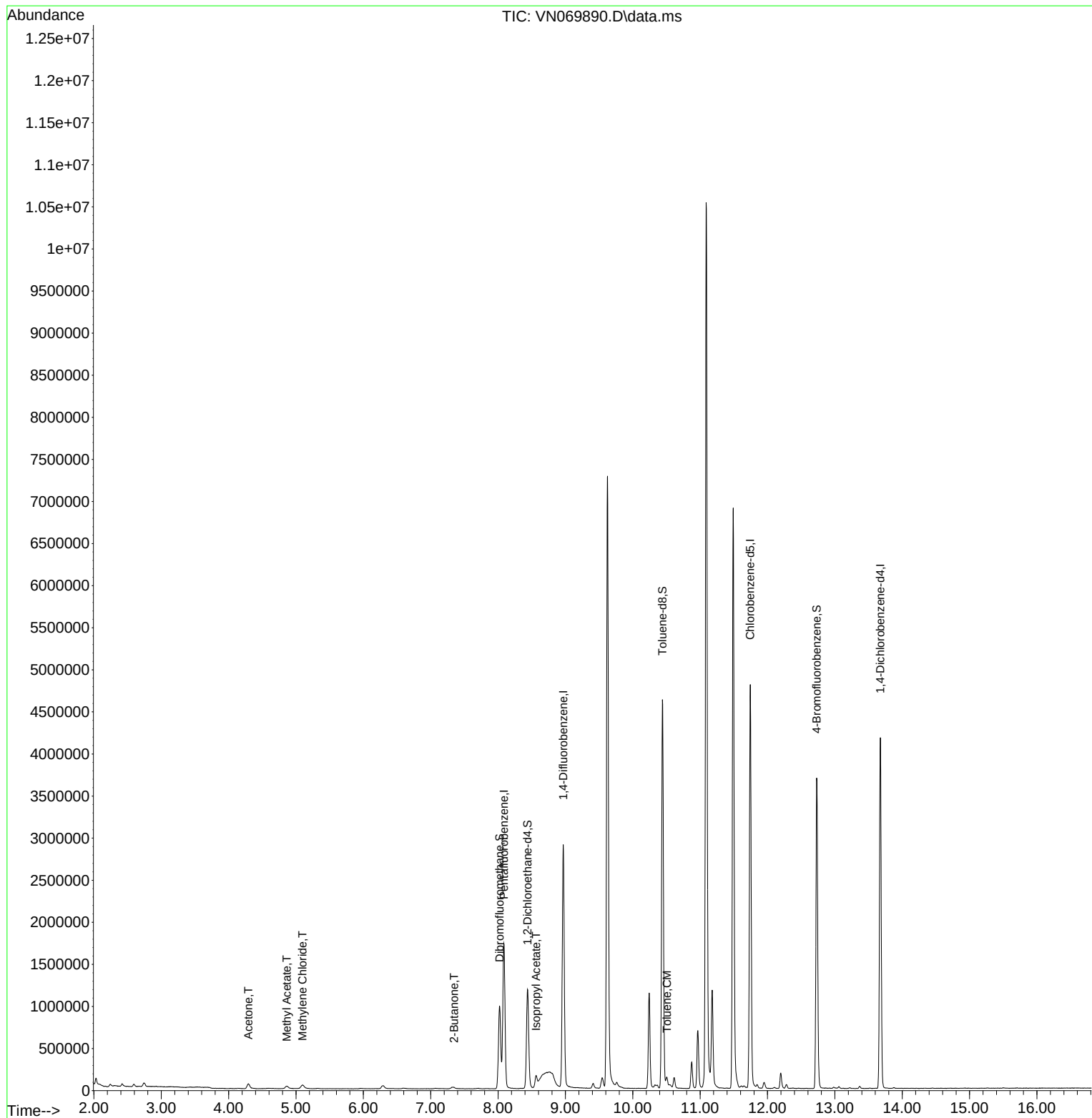
Internal Standards						
1) Pentafluorobenzene	8.086	168	1281668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2398967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2642133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1090720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1021061	51.597	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.200%	
35) Dibromofluoromethane	8.024	113	718105	47.789	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.580%	
50) Toluene-d8	10.440	98	3117805	51.673	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.731	95	1276724	58.408	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 116.820%	
Target Compounds						
						Qvalue
16) Acetone	4.293	43	105870	8.894	ug/l	99
18) Methyl Acetate	4.862	43	63936	1.779	ug/l	94
20) Methylene Chloride	5.095	84	31693	2.003	ug/l	88
25) 2-Butanone	7.348	43	20341	1.258	ug/l	96
43) Isopropyl Acetate	8.563	43	179181	3.562	ug/l #	81
52) Toluene	10.507	92	45474	1.067	ug/l	94

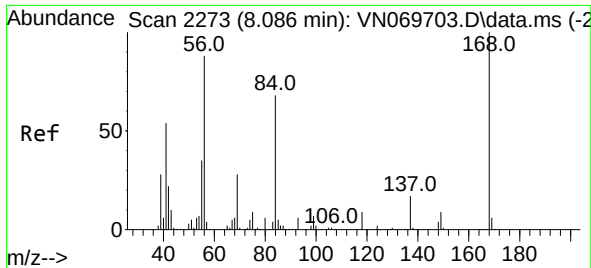
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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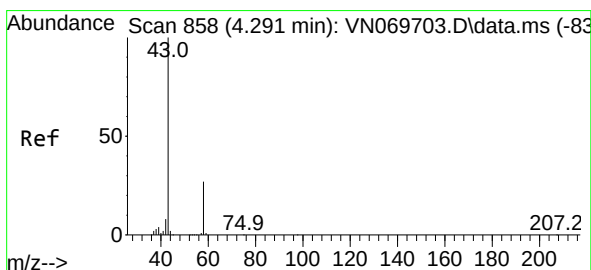
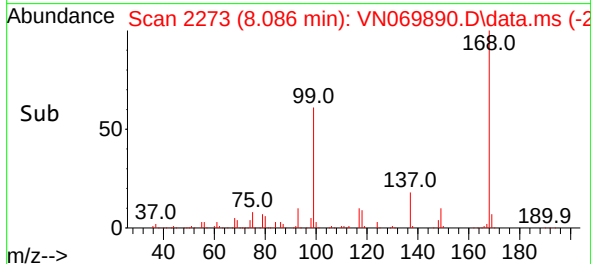
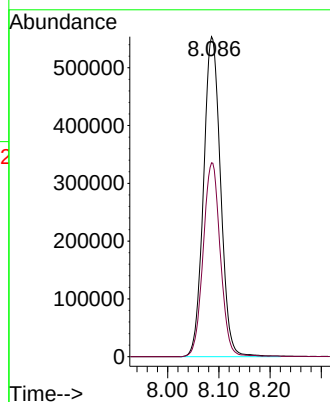
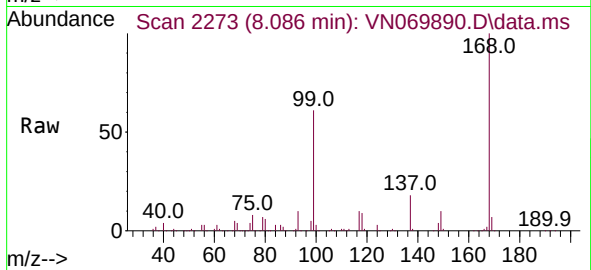




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

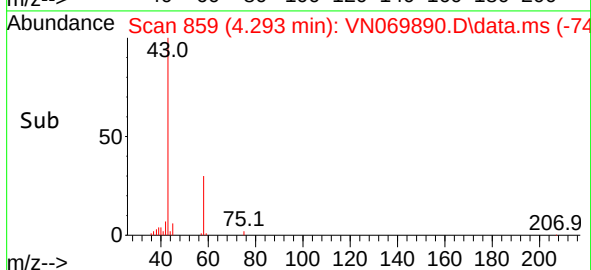
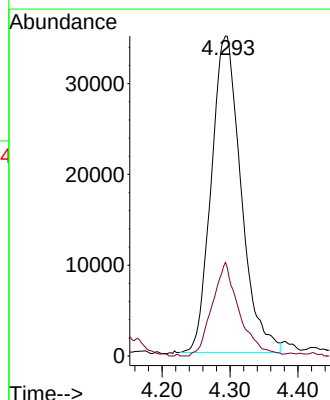
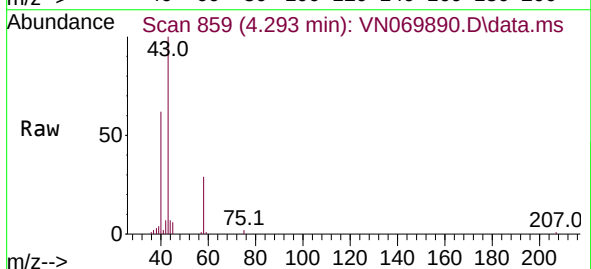
Instrument :
MSVOA_N
ClientSampleId :
D-01

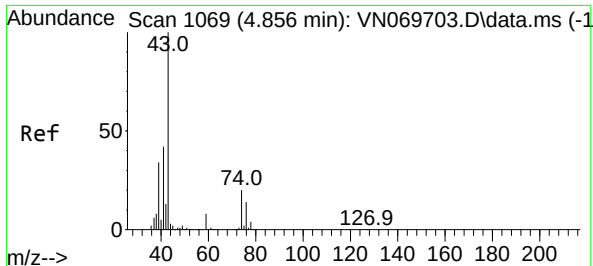
Tgt Ion:168 Resp: 1281668
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#16
Acetone
Concen: 8.894 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

Tgt Ion: 43 Resp: 105870
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7





#18

Methyl Acetate

Concen: 1.779 ug/l

RT: 4.862 min Scan# 1107

Delta R.T. 0.005 min

Lab File: VN069890.D

Acq: 9 Dec 2021 4:21

Instrument :

MSVOA_N

ClientSampleId :

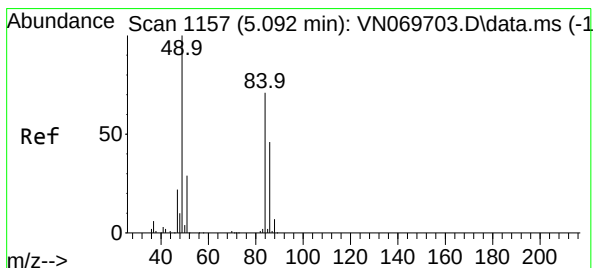
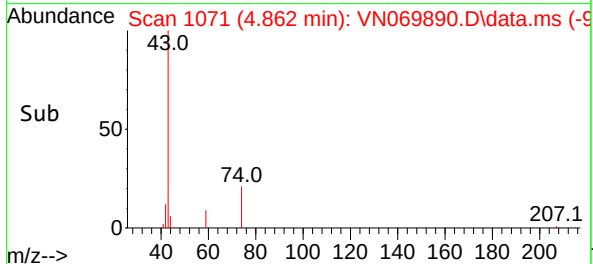
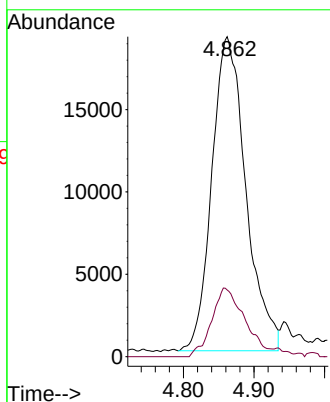
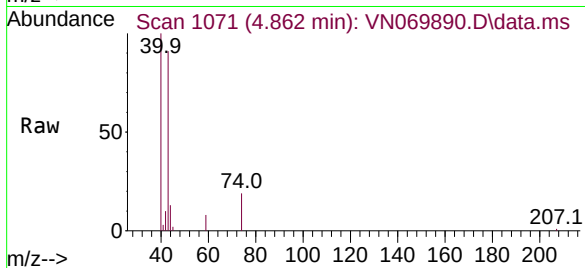
D-01

Tgt Ion: 43 Resp: 63936

Ion Ratio Lower Upper

43 100

74 21.4 19.4 29.2



#20

Methylene Chloride

Concen: 2.003 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069890.D

Acq: 9 Dec 2021 4:21

Tgt Ion: 84 Resp: 31693

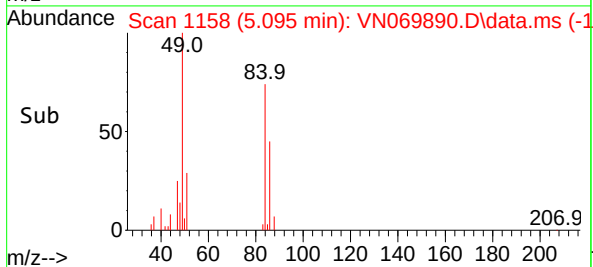
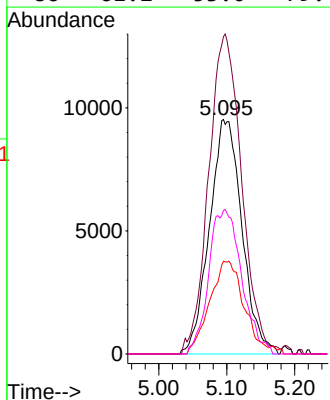
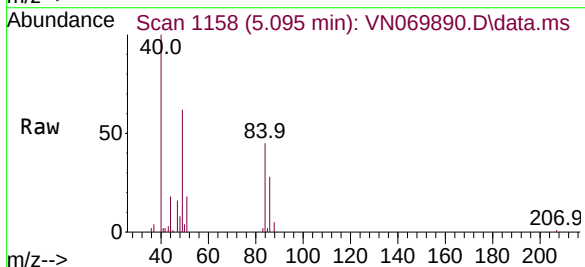
Ion Ratio Lower Upper

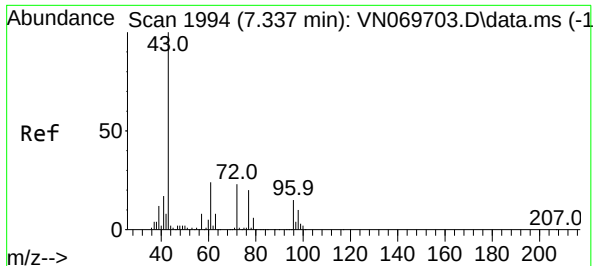
84 100

49 135.4 93.5 140.3

51 39.6 29.4 44.2

86 61.2 53.0 79.4





#25

2-Butanone

Concen: 1.258 ug/l

RT: 7.348 min Scan# 1994

Delta R.T. 0.011 min

Lab File: VN069890.D

Acq: 9 Dec 2021 4:21

Instrument :

MSVOA_N

ClientSampleId :

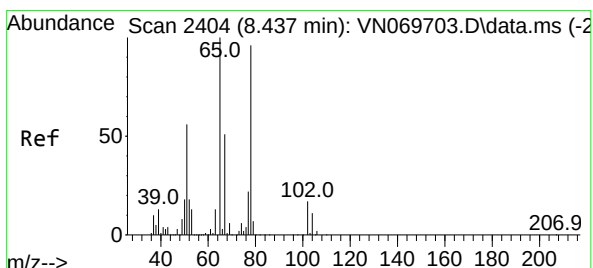
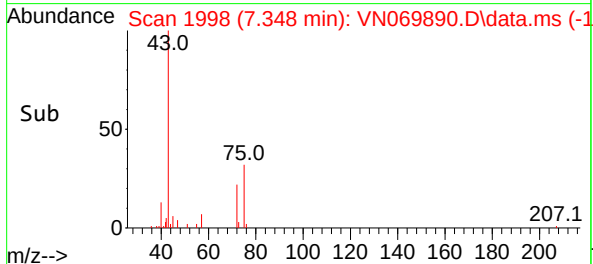
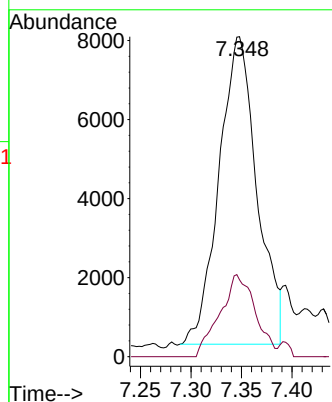
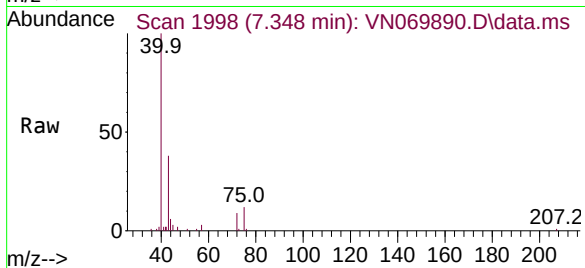
D-01

Tgt Ion: 43 Resp: 20341

Ion Ratio Lower Upper

43 100

72 25.0 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 51.597 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069890.D

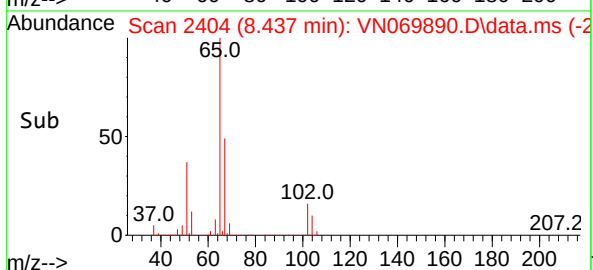
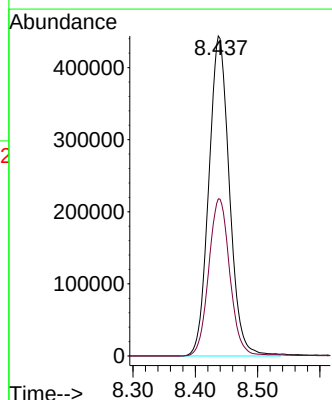
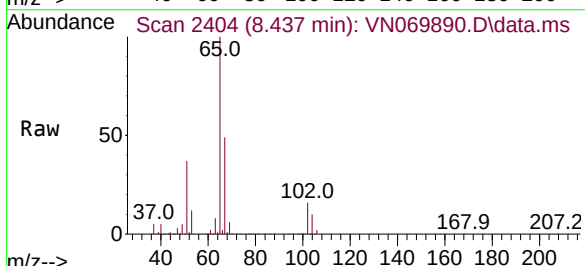
Acq: 9 Dec 2021 4:21

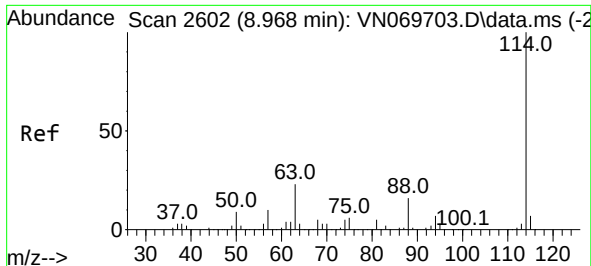
Tgt Ion: 65 Resp: 1021061

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0

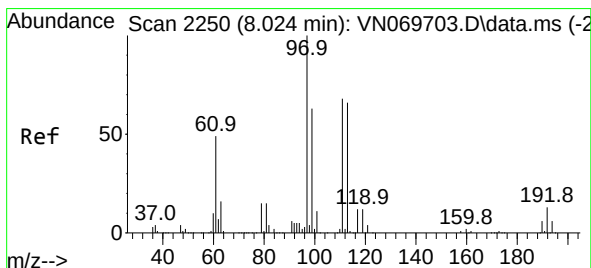
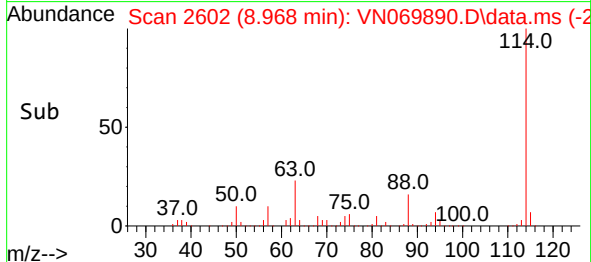
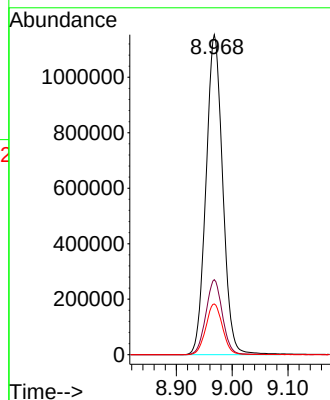
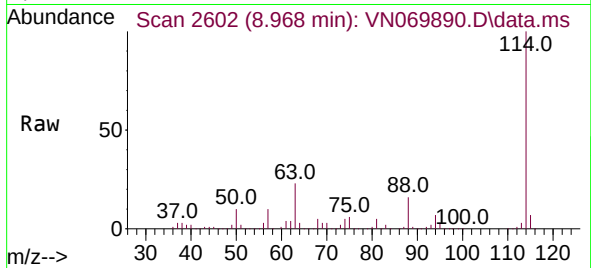




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

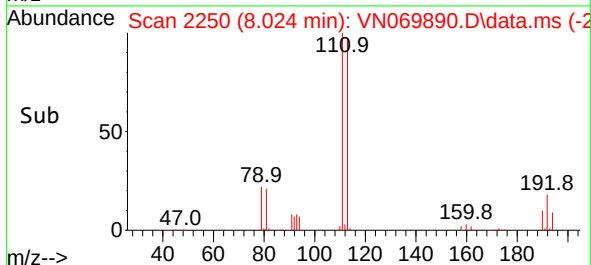
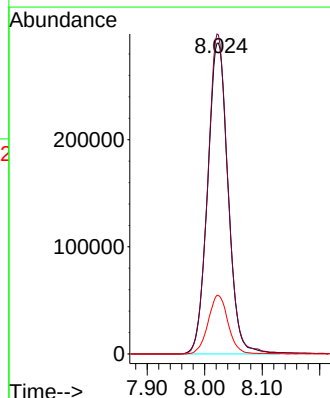
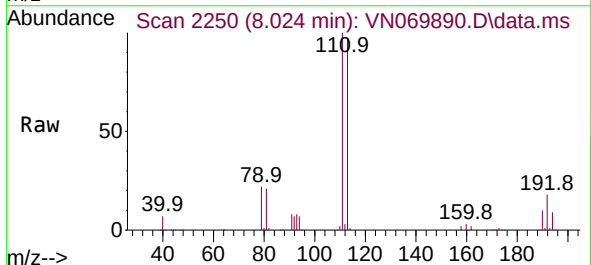
Instrument :
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D-01

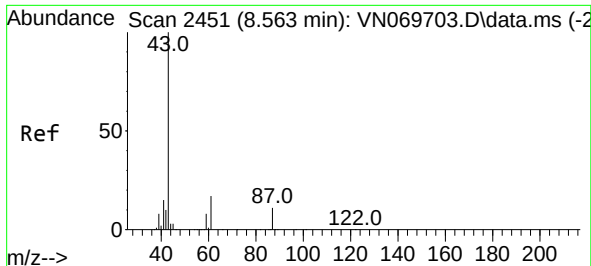
Tgt Ion:114 Resp: 2398967
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.789 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

Tgt Ion:113 Resp: 718105
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 18.4 16.9 25.3

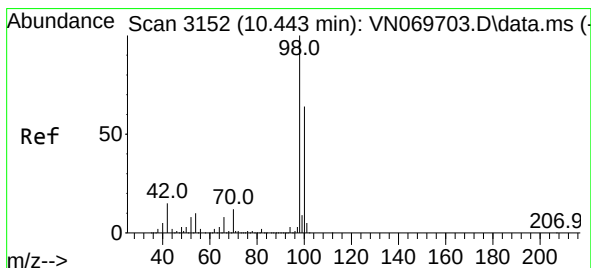
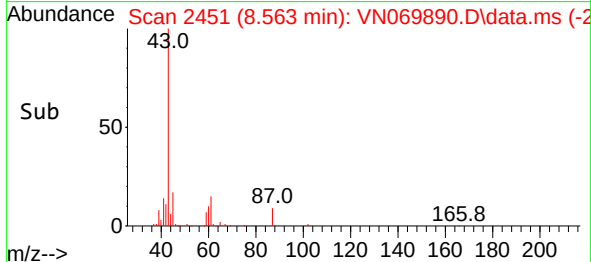
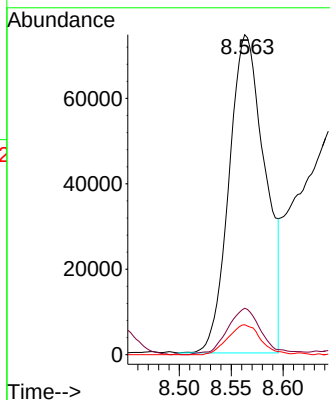
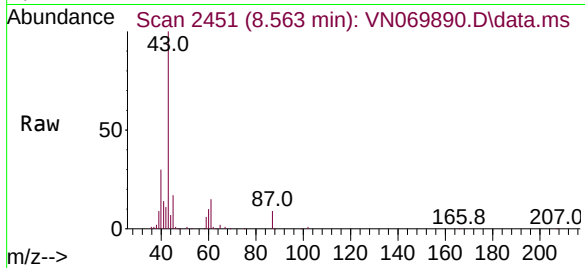




#43
Isopropyl Acetate
Concen: 3.562 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

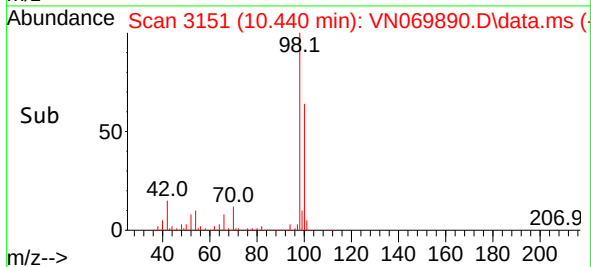
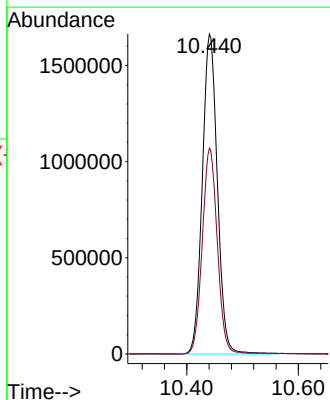
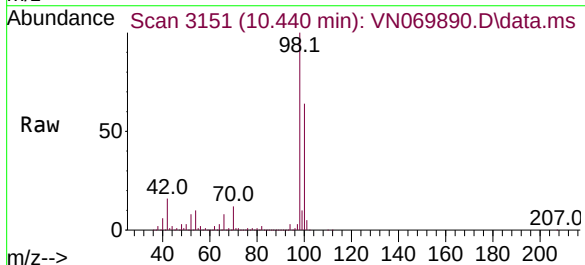
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D-01

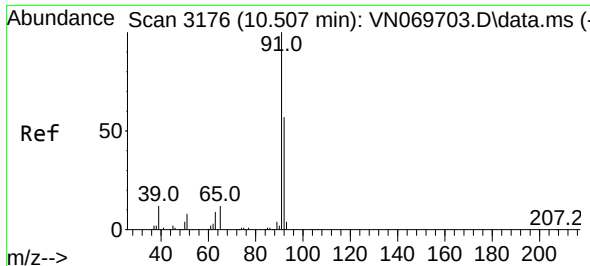
Tgt Ion: 43 Resp: 179181
Ion Ratio Lower Upper
43 100
61 14.0 20.4 30.6#
87 8.6 11.2 16.8#



#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

Tgt Ion: 98 Resp: 3117805
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

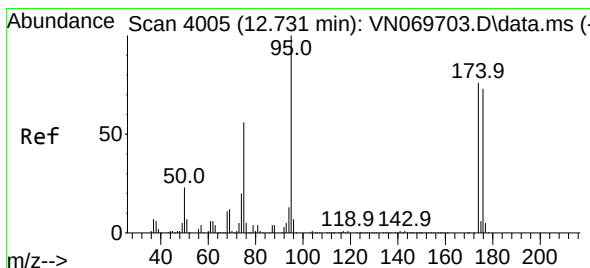
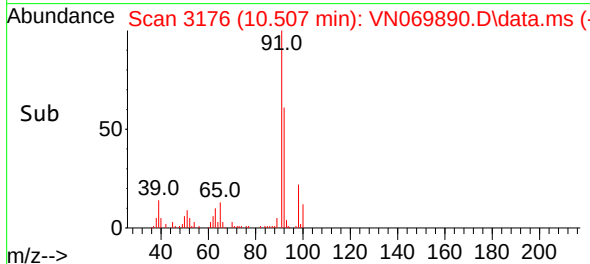
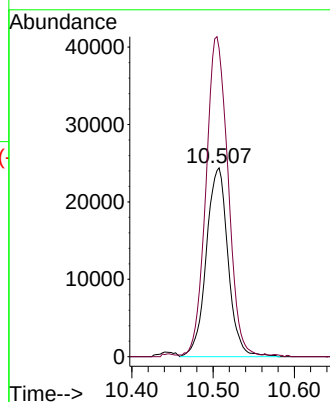
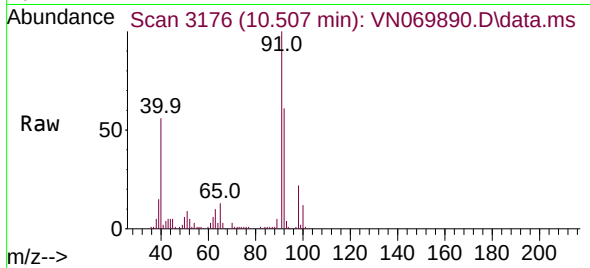




#52
Toluene
Concen: 1.067 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

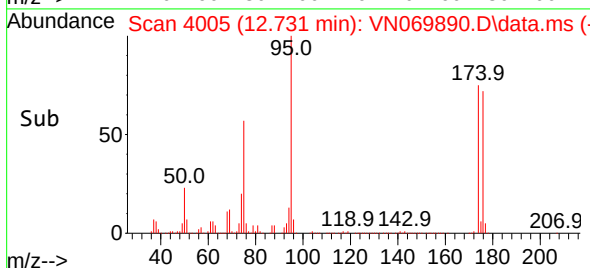
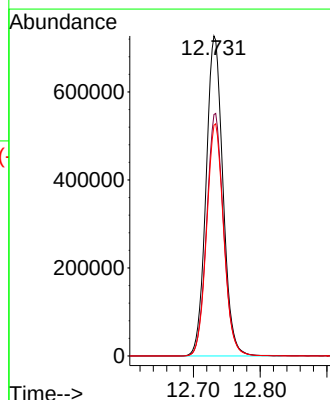
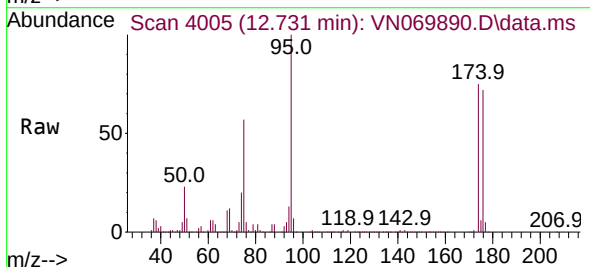
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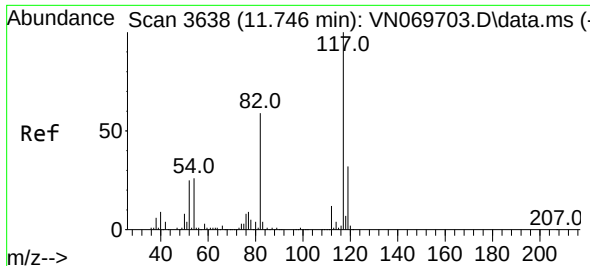
Tgt Ion: 92 Resp: 45474
Ion Ratio Lower Upper
92 100
91 169.5 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 58.408 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

Tgt Ion: 95 Resp: 1276724
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.4 0.0 181.4

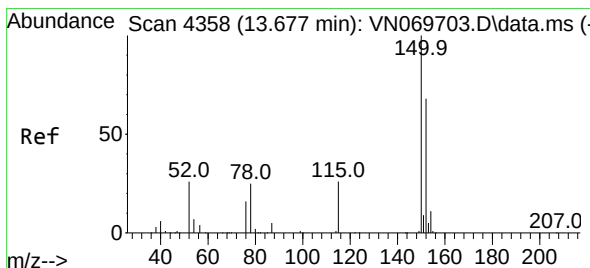
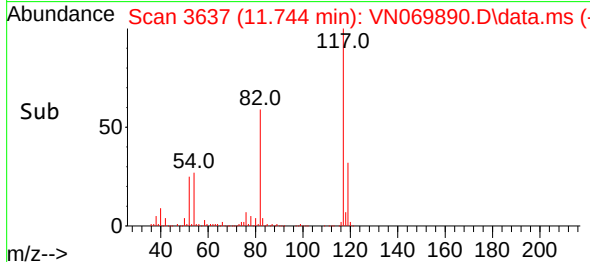
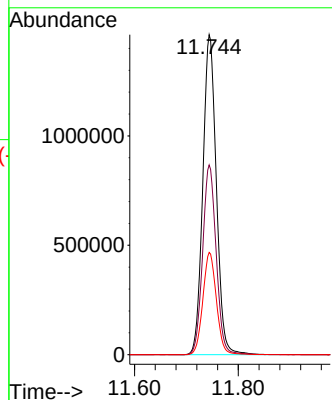
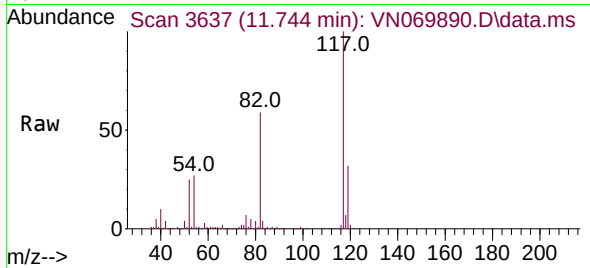




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 2642133
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069890.D
Acq: 9 Dec 2021 4:21

Tgt Ion:152 Resp: 1090720
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 158.1 0.0 344.4

