

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068827.D
 Acq On : 6 Oct 2021 19:06
 Operator : JC/MD
 Sample : M4087-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20211005-ROCK

Quant Time: Oct 07 06:03:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

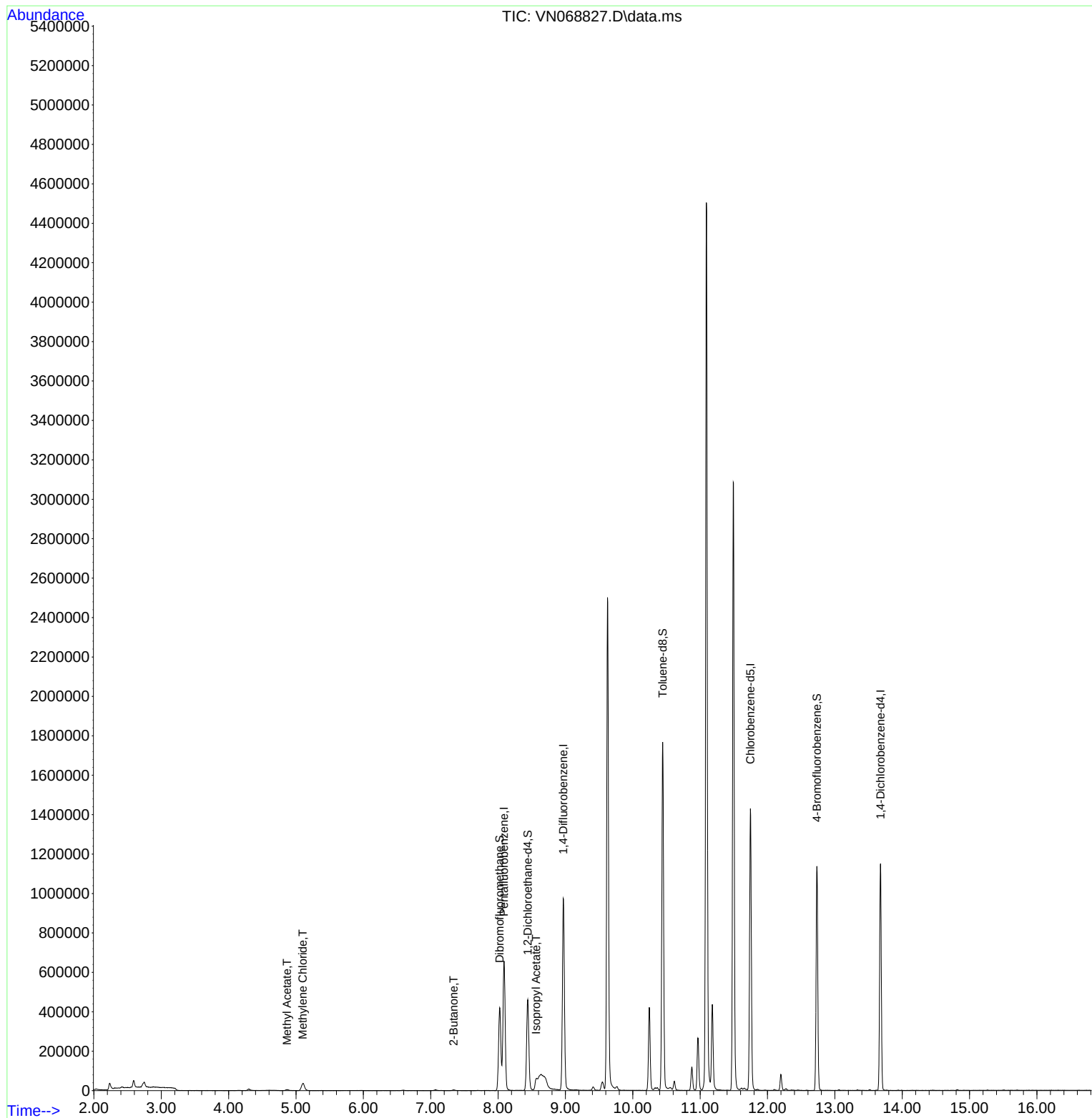
Internal Standards						
1) Pentafluorobenzene	8.088	168	478415	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	840149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	824358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	291517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	383085	54.49	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 108.98%		
35) Dibromofluoromethane	8.024	113	295951	53.63	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 107.26%		
50) Toluene-d8	10.443	98	1219148	56.65	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 113.30%		
62) 4-Bromofluorobenzene	12.734	95	360575	44.87	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 89.74%		
Target Compounds						
						Qvalue
18) Methyl Acetate	4.867	43	10370	1.49	ug/l	# 82
20) Methylene Chloride	5.101	84	29722	3.62	ug/l	83
25) 2-Butanone	7.340	43	6429	2.00	ug/l	91
43) Isopropyl Acetate	8.566	43	66516	5.77	ug/l	# 83

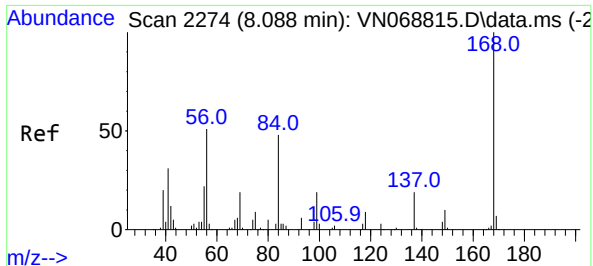
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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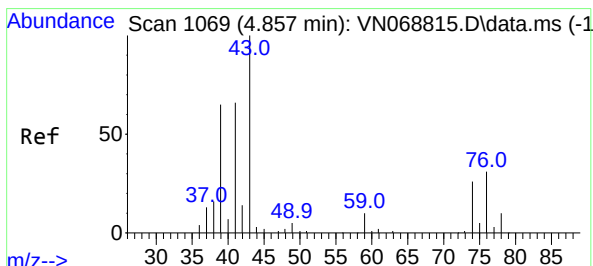
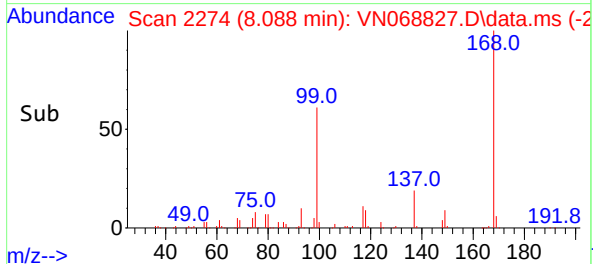
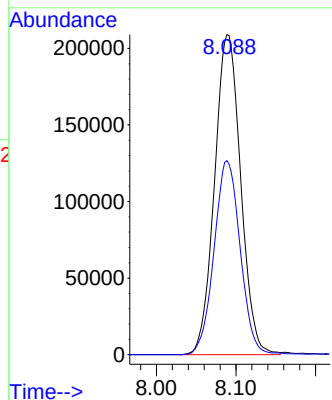
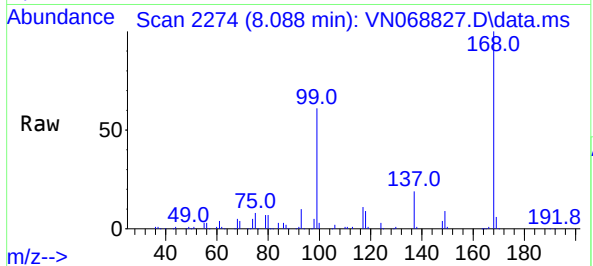




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

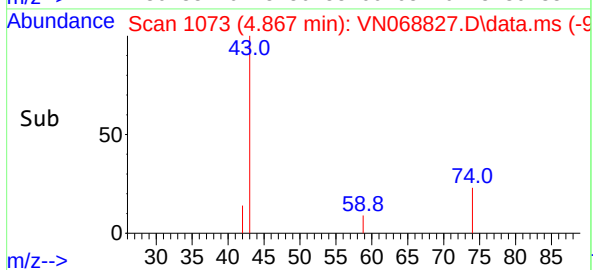
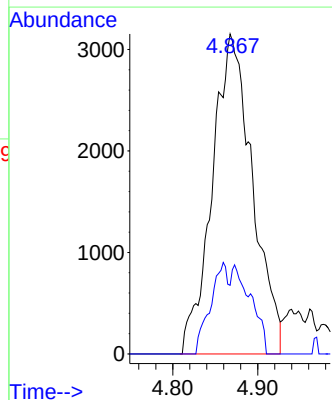
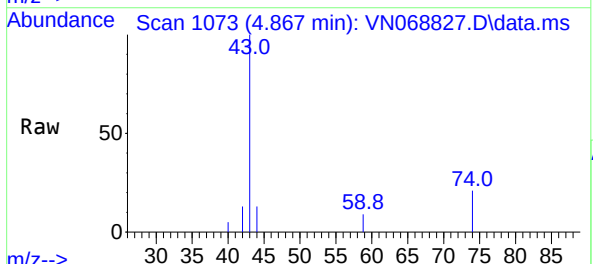
Instrument :
MSVOA_N
ClientSampleId :
WC-20211005-ROCK

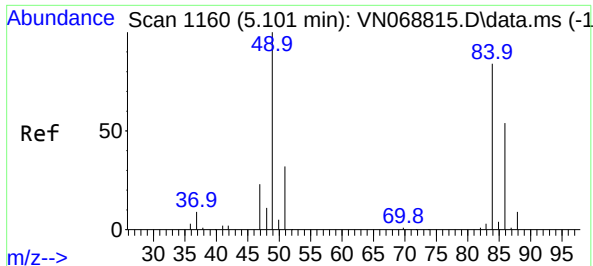
Tgt Ion:168 Resp: 478415
Ion Ratio Lower Upper
168 100
99 60.7 62.9 94.3#



#18
Methyl Acetate
Concen: 1.49 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

Tgt Ion: 43 Resp: 10370
Ion Ratio Lower Upper
43 100
74 13.4 17.4 26.0#



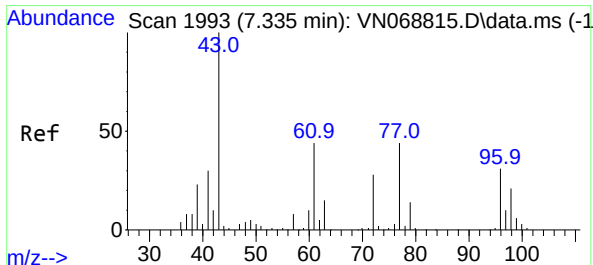
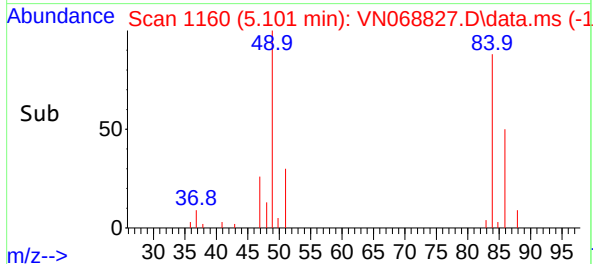
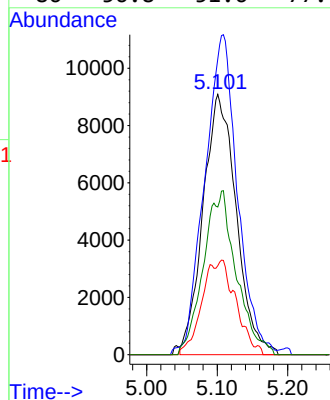
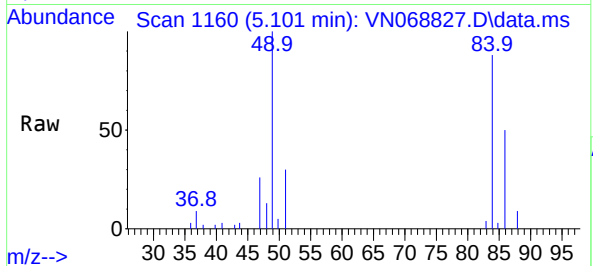


#20
Methylene Chloride
Concen: 3.62 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

Instrument :
MSVOA_N
ClientSampleId :
WC-20211005-ROCK

Tgt Ion: 84 Resp: 29722

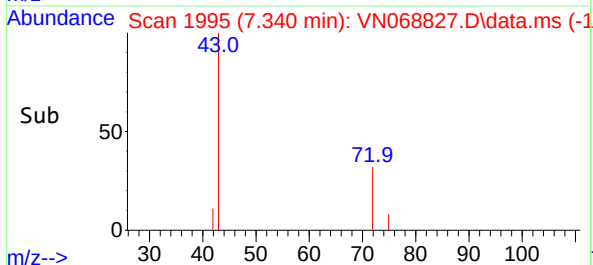
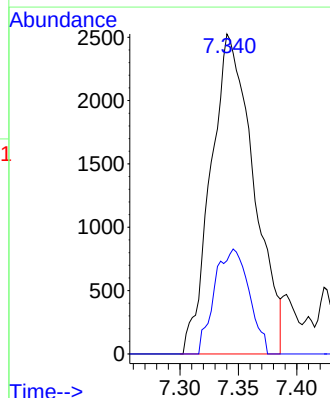
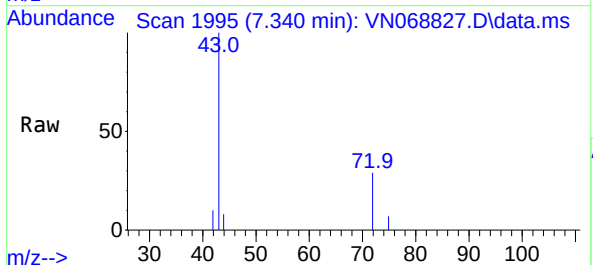
Ion	Ratio	Lower	Upper
84	100		
49	111.8	110.9	166.3
51	34.2	32.6	49.0
86	56.8	51.6	77.4

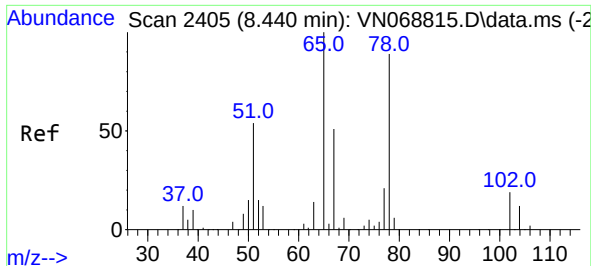


#25
2-Butanone
Concen: 2.00 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

Tgt Ion: 43 Resp: 6429

Ion	Ratio	Lower	Upper
43	100		
72	29.1	19.7	29.5

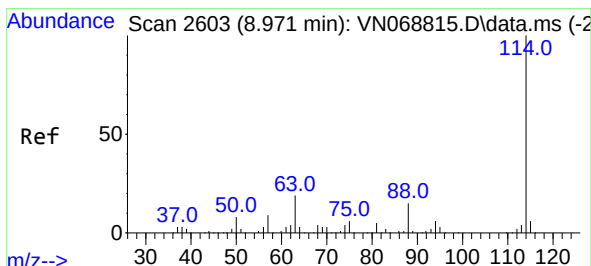
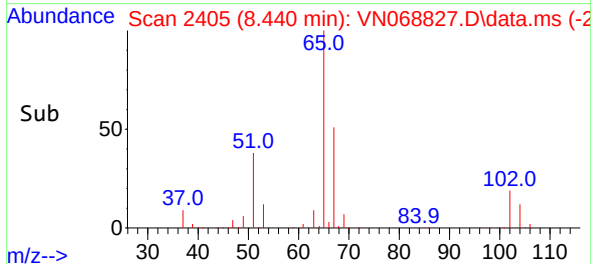
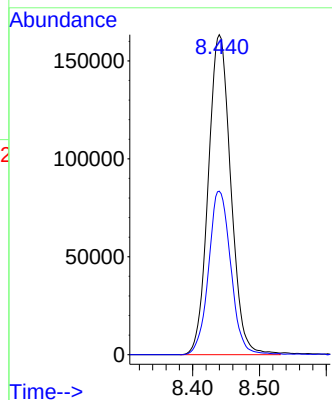
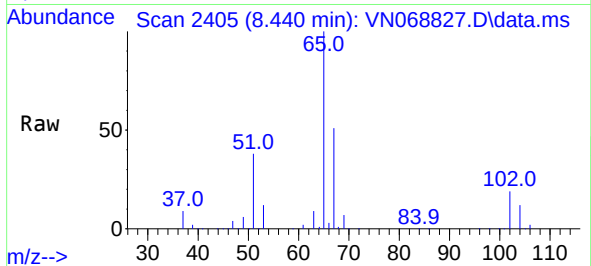




#33
1,2-Dichloroethane-d4
Concen: 54.49 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

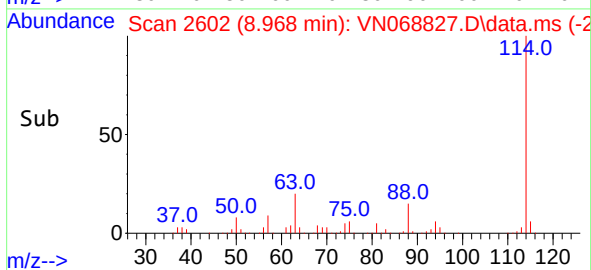
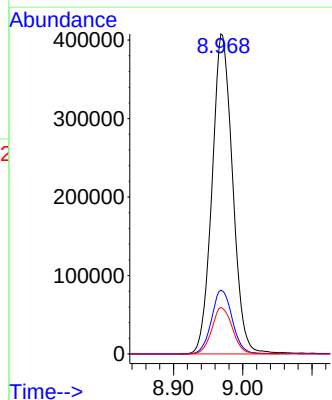
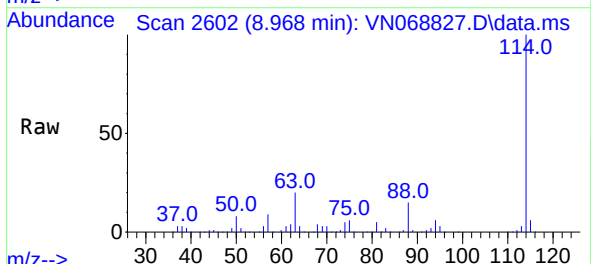
Instrument :
MSVOA_N
ClientSampleId :
WC-20211005-ROCK

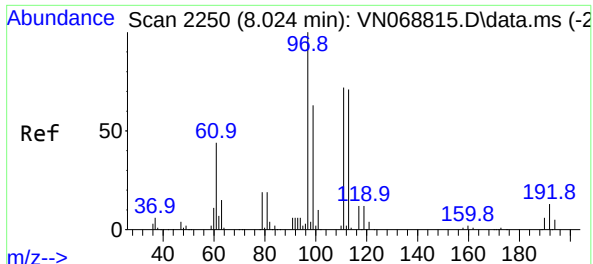
Tgt Ion: 65 Resp: 383085
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

Tgt Ion: 114 Resp: 840149
Ion Ratio Lower Upper
114 100
63 19.9 0.0 49.0
88 14.5 0.0 36.6

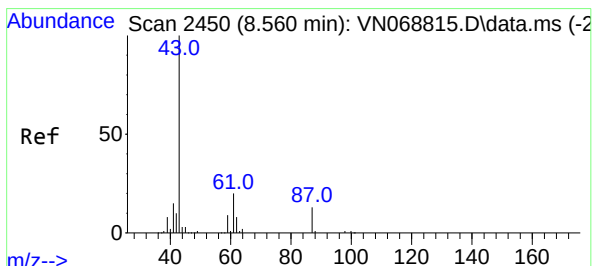
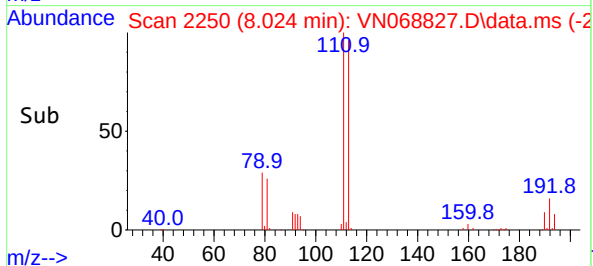
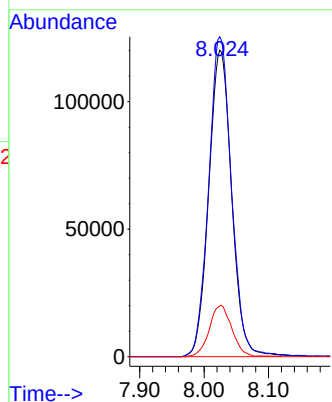
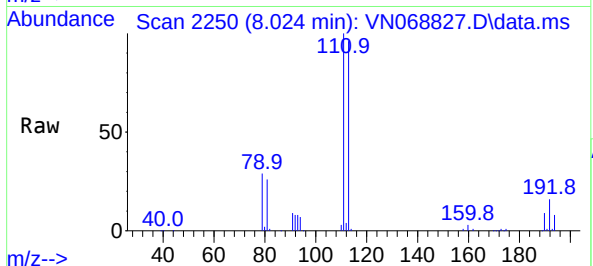




#35
Dibromofluoromethane
Concen: 53.63 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

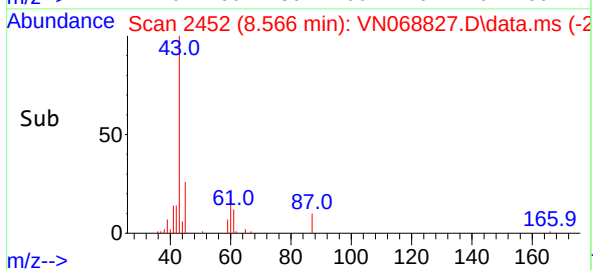
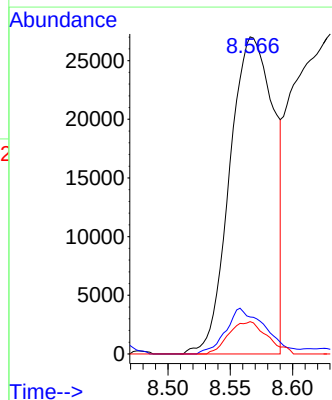
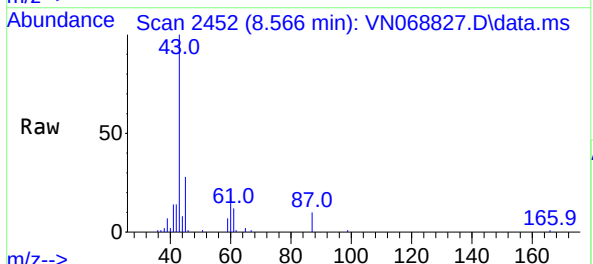
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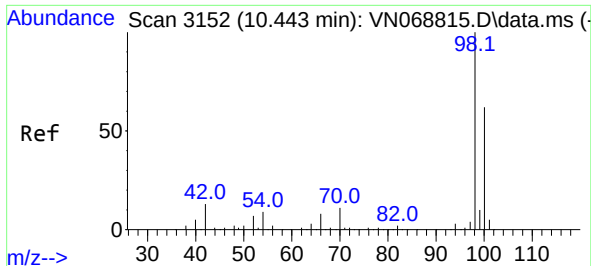
Tgt Ion:113 Resp: 295951
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.8
192 16.5 13.4 20.0



#43
Isopropyl Acetate
Concen: 5.77 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.006 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

Tgt Ion: 43 Resp: 66516
Ion Ratio Lower Upper
43 100
61 13.0 19.0 28.4#
87 8.9 9.5 14.3#

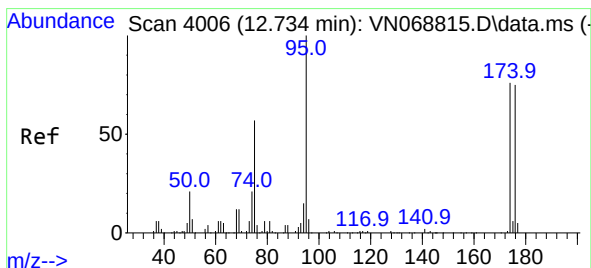
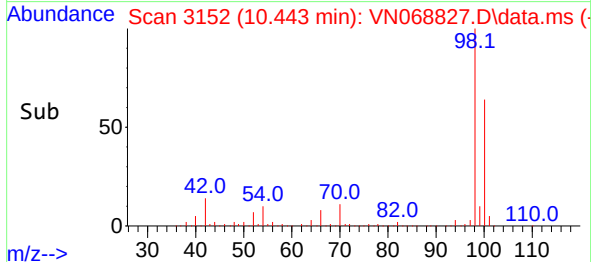
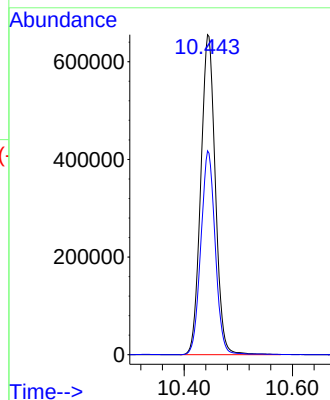
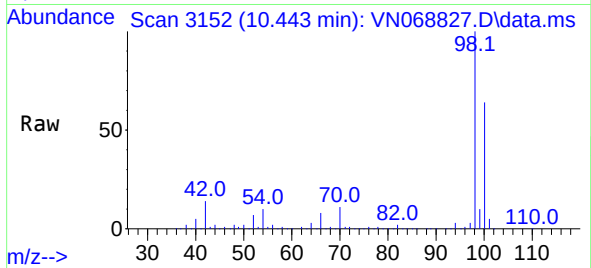




#50
Toluene-d8
Concen: 56.65 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

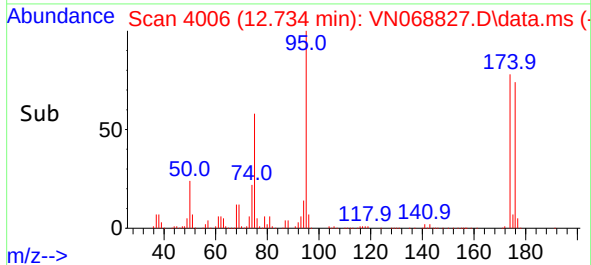
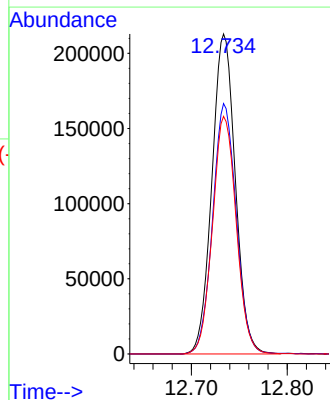
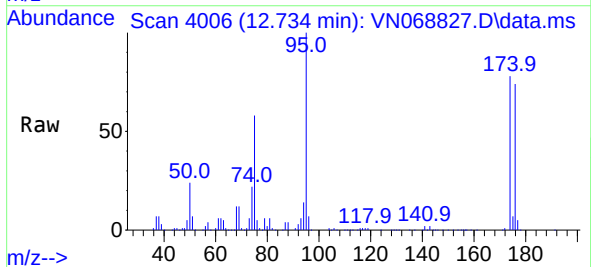
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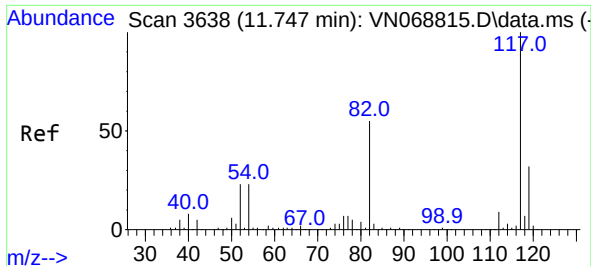
Tgt Ion: 98 Resp: 1219148
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.87 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

Tgt Ion: 95 Resp: 360575
Ion Ratio Lower Upper
95 100
174 79.0 0.0 122.0
176 75.3 0.0 117.6

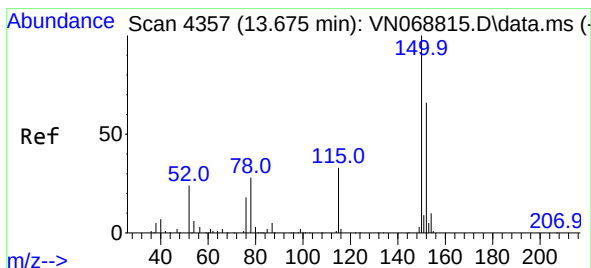
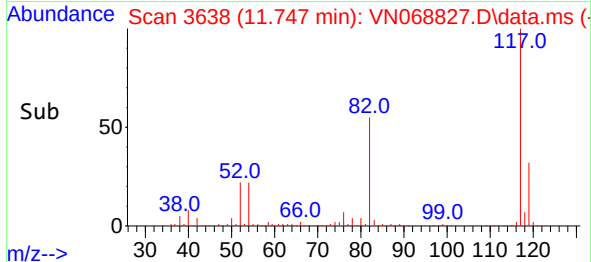
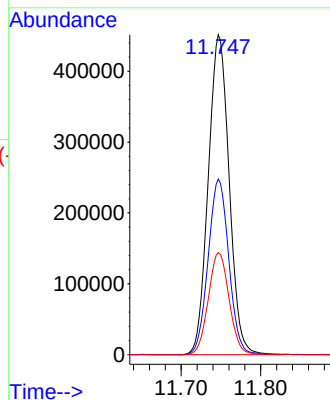
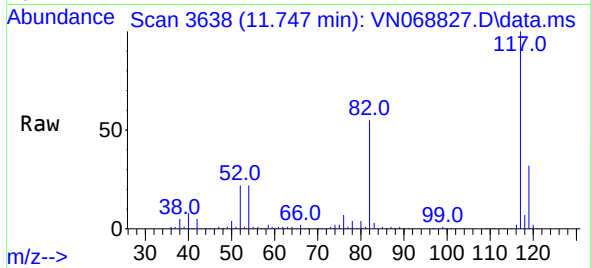




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

Instrument :
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Tgt Ion:117 Resp: 824358
Ion Ratio Lower Upper
117 100
82 54.9 53.1 79.7
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068827.D
Acq: 6 Oct 2021 19:06

Tgt Ion:152 Resp: 291517
Ion Ratio Lower Upper
152 100
115 61.2 36.1 108.5
150 157.1 0.0 351.8

