

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068089.D
 Acq On : 12 Aug 2021 15:01
 Operator : JC/MD
 Sample : M3360-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41265

Quant Time: Aug 13 05:42:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

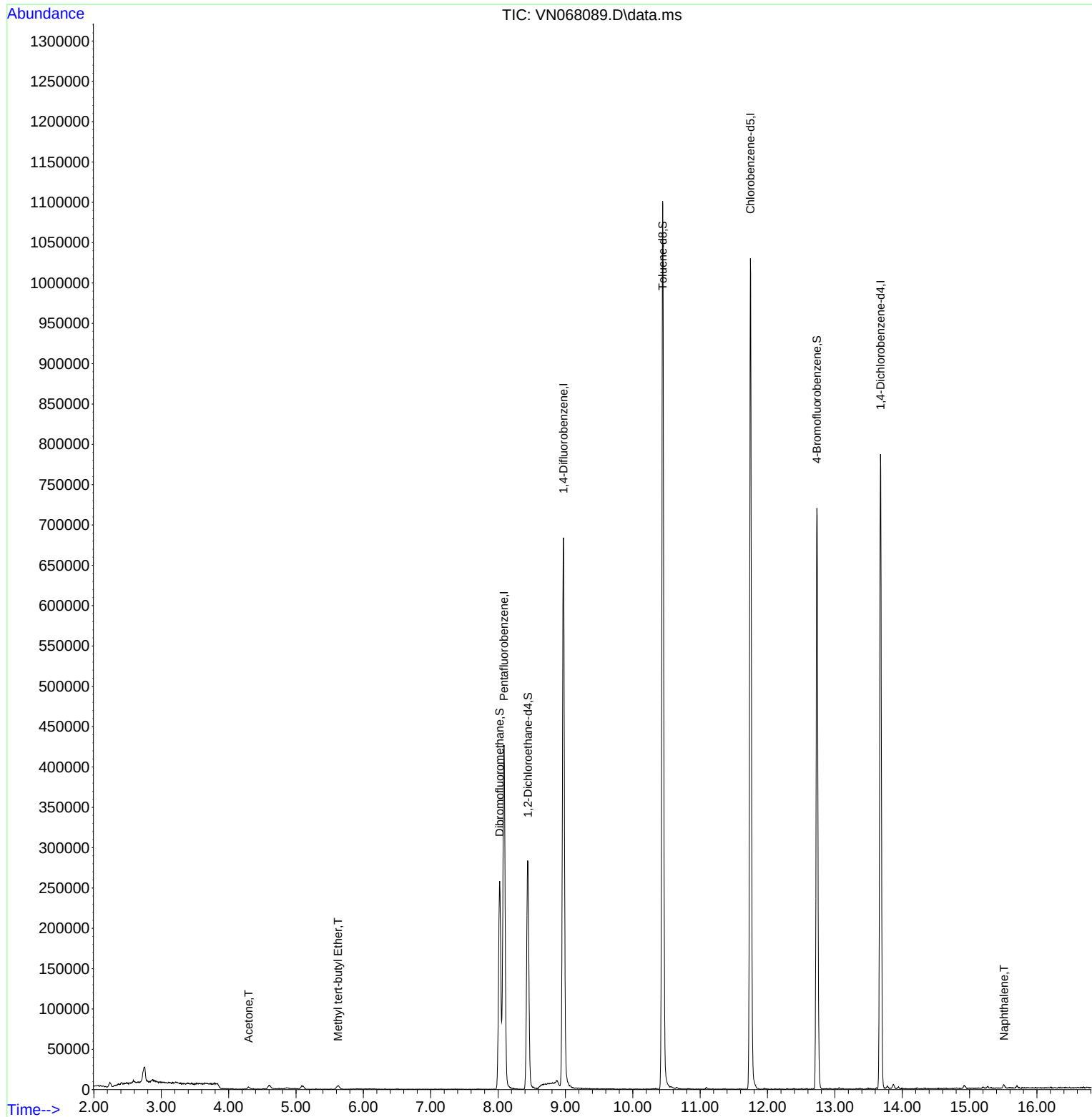
Internal Standards						
1) Pentafluorobenzene	8.088	168	318836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	614565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	606473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	207794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	242609	53.750	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.500%	
35) Dibromofluoromethane	8.024	113	189800	52.993	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.980%	
50) Toluene-d8	10.443	98	784311	47.647	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.300%	
62) 4-Bromofluorobenzene	12.734	95	259906	43.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 87.320%	
Target Compounds						Qvalue
16) Acetone	4.296	43	4704	2.856	ug/l	91
19) Methyl tert-butyl Ether	5.624	73	7305	0.644	ug/l #	85
95) Naphthalene	15.509	128	4921	3.653	ug/l #	90

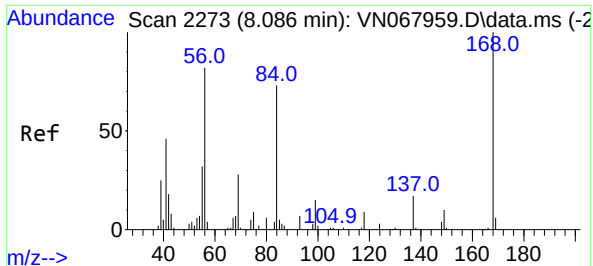
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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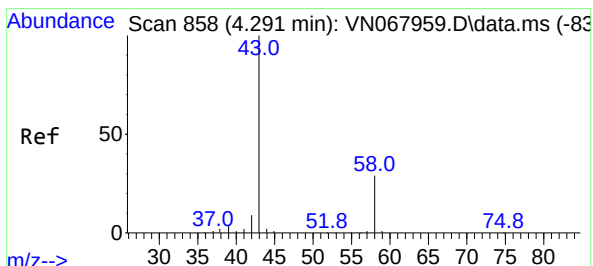
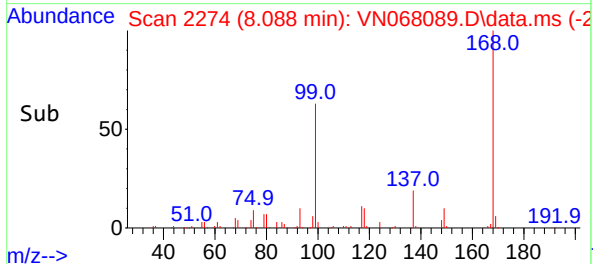
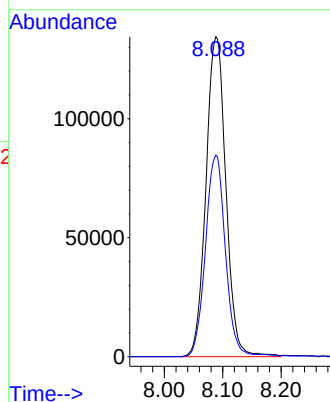
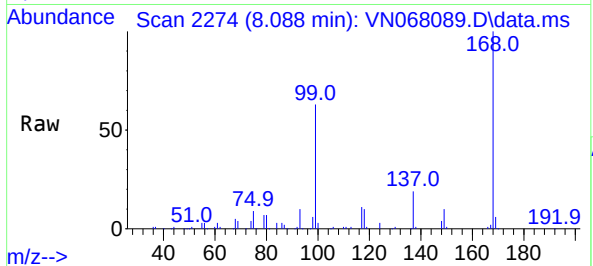




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

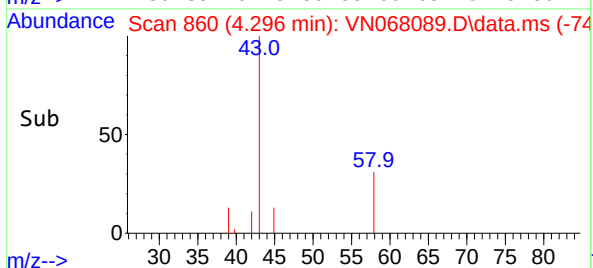
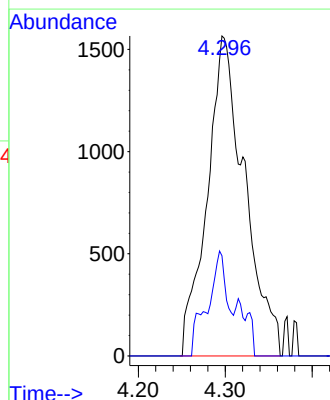
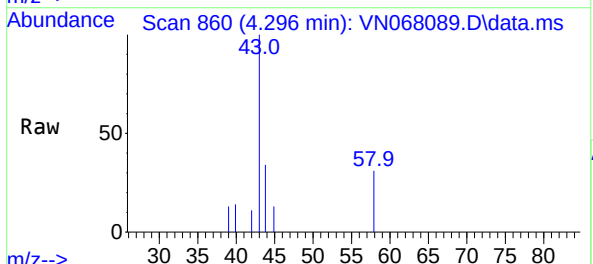
Instrument :
MSVOA_N
ClientSampled :
41265

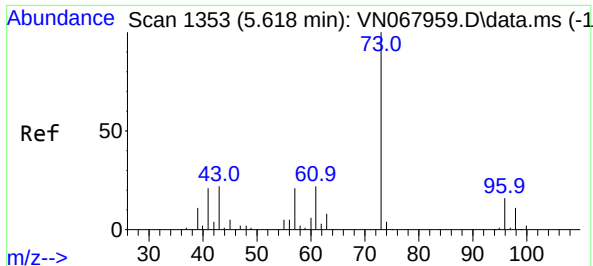
Tgt Ion:168 Resp: 318836
Ion Ratio Lower Upper
168 100
99 63.0 62.9 94.3



#16
Acetone
Concen: 2.856 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

Tgt Ion: 43 Resp: 4704
Ion Ratio Lower Upper
43 100
58 31.3 21.2 31.8



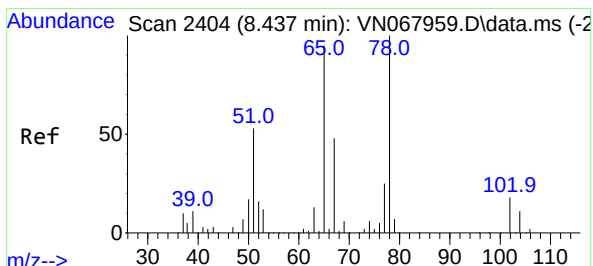
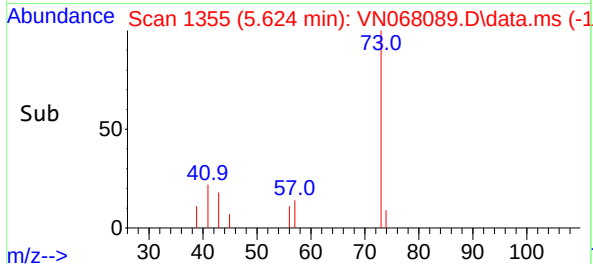
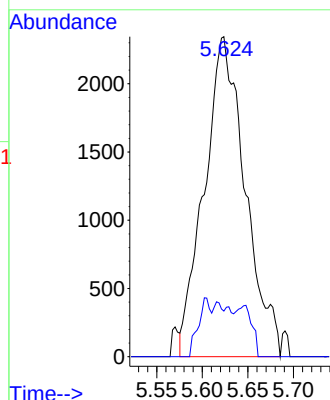
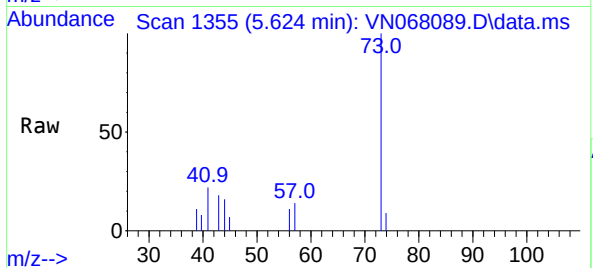


#19

Methyl tert-butyl Ether
Concen: 0.644 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

Instrument :
MSVOA_N
ClientSampled :
41265

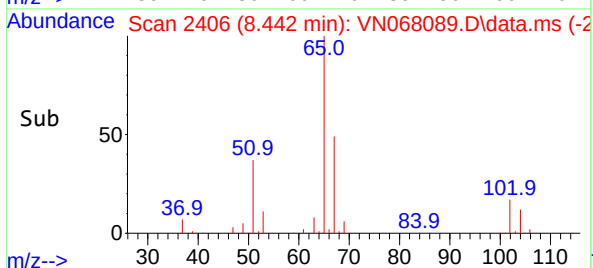
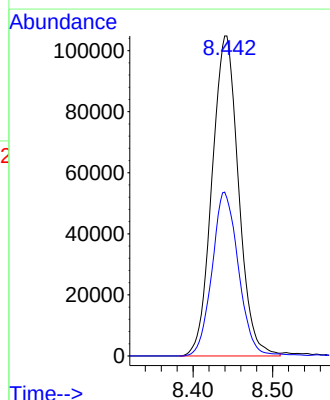
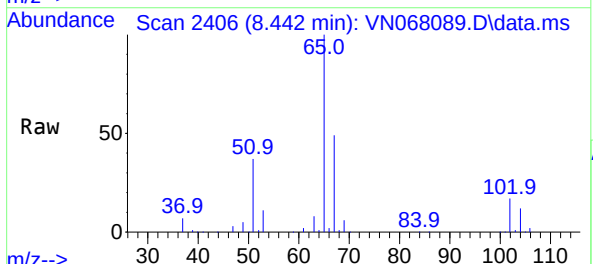
Tgt Ion: 73 Resp: 7305
Ion Ratio Lower Upper
73 100
57 14.3 17.0 25.6#

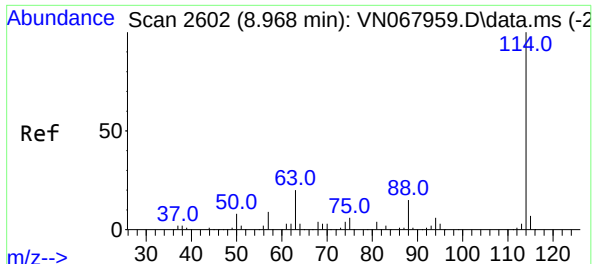


#33

1,2-Dichloroethane-d4
Concen: 53.750 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.005 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

Tgt Ion: 65 Resp: 242609
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

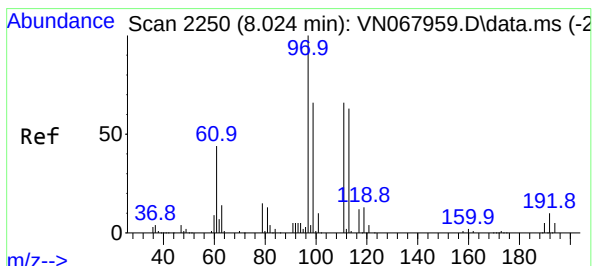
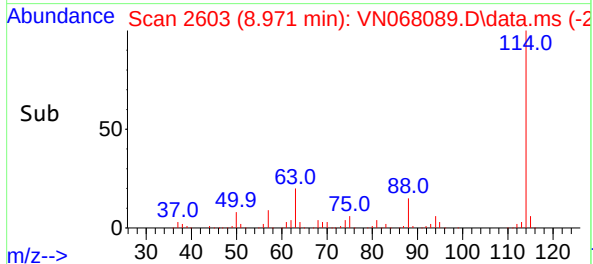
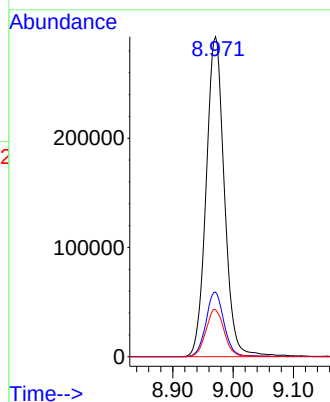
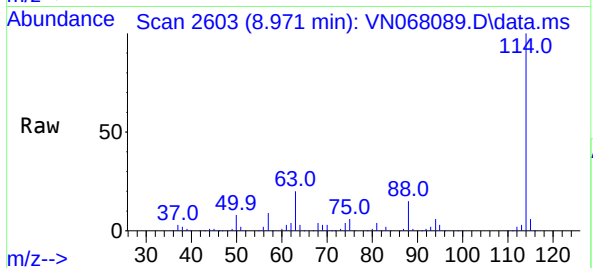




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

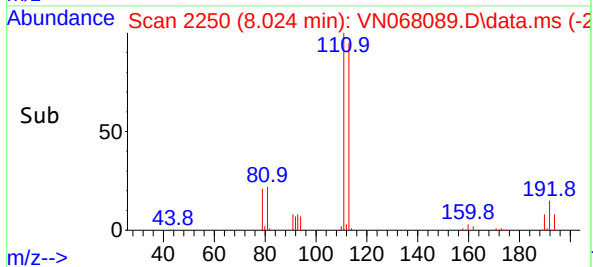
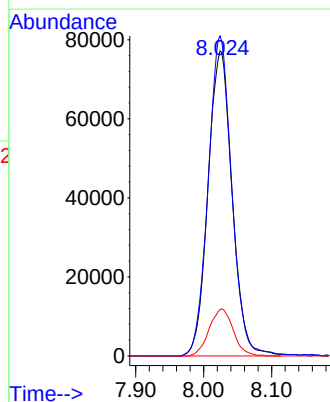
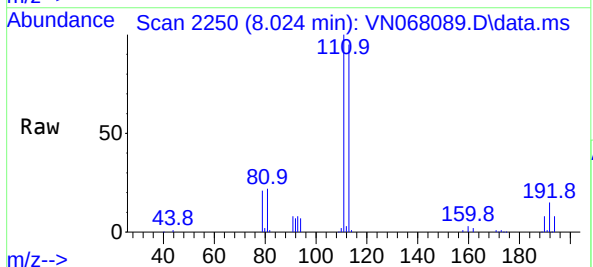
Instrument :
MSVOA_N
ClientSampled :
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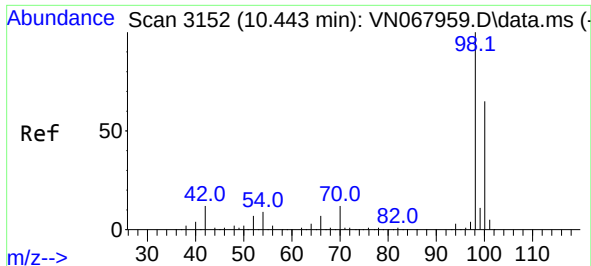
Tgt Ion:114 Resp: 614565
Ion Ratio Lower Upper
114 100
63 20.2 0.0 49.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.993 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

Tgt Ion:113 Resp: 189800
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.8
192 15.5 13.4 20.0

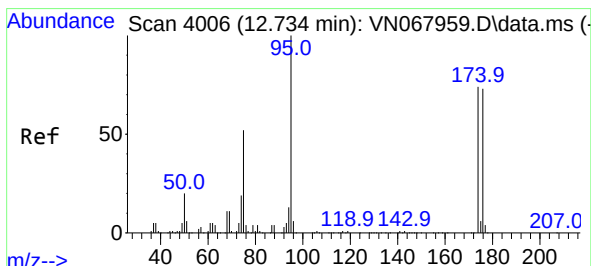
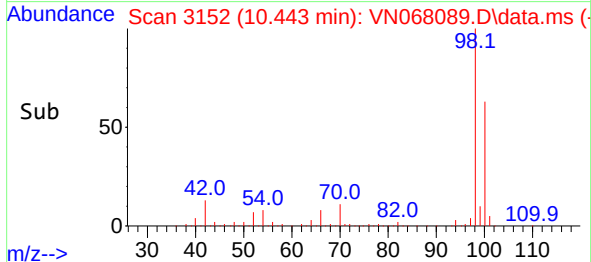
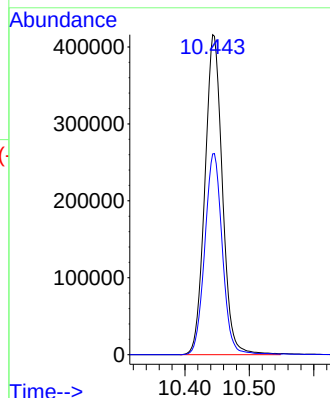
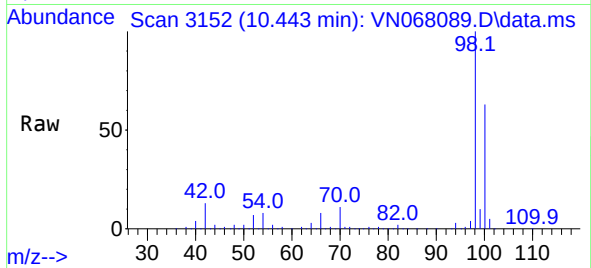




#50
Toluene-d8
Concen: 47.647 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

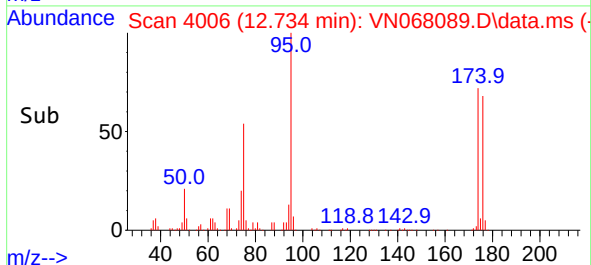
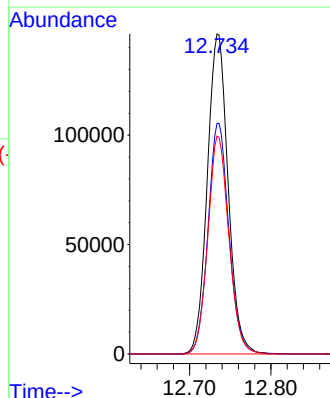
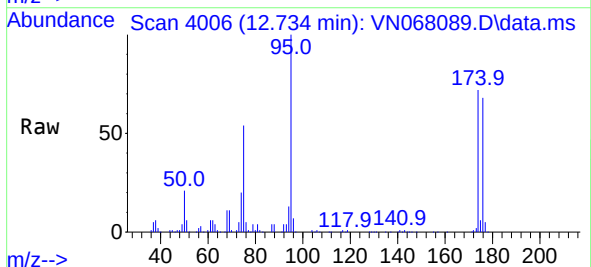
Instrument :
MSVOA_N
ClientSampled :
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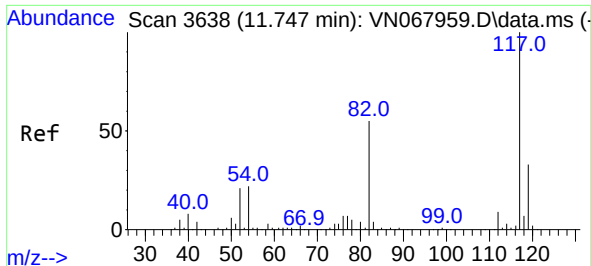
Tgt Ion: 98 Resp: 784311
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.659 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

Tgt Ion: 95 Resp: 259906
Ion Ratio Lower Upper
95 100
174 72.2 0.0 122.0
176 68.6 0.0 117.6

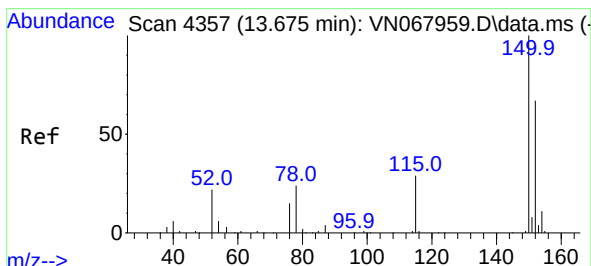
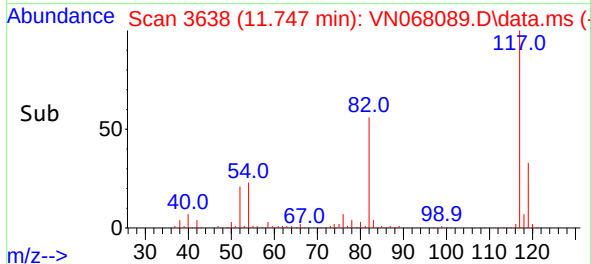
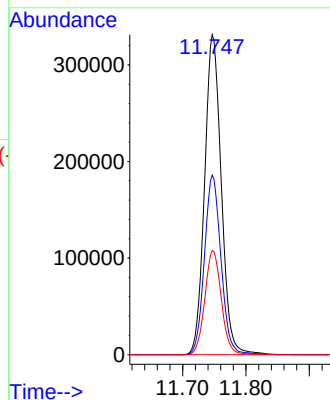
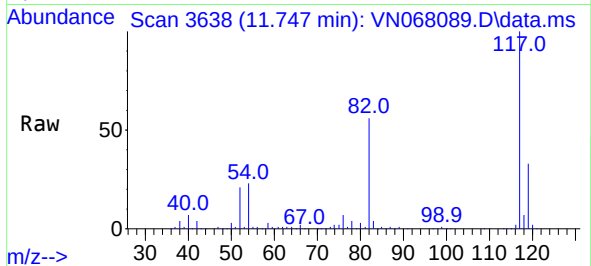




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

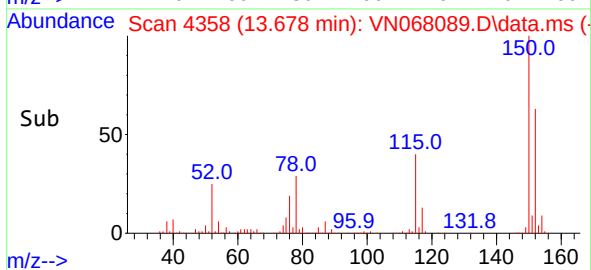
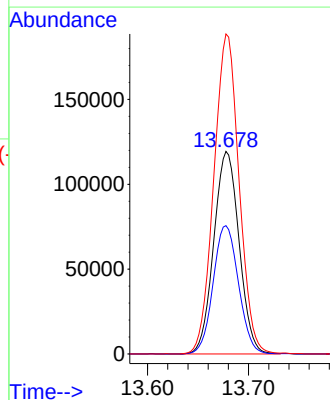
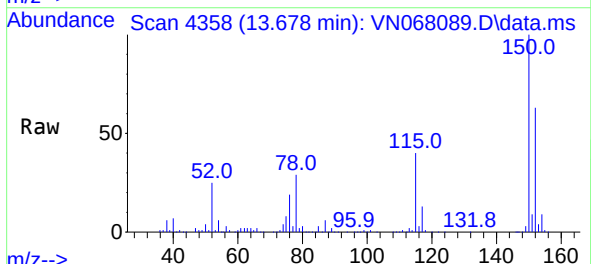
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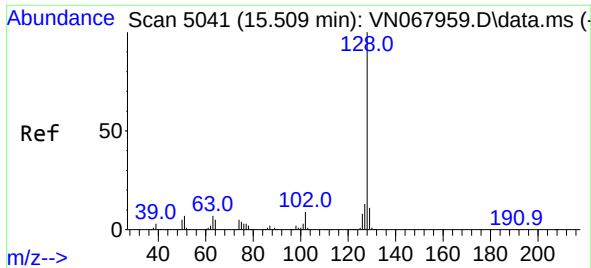
Tgt Ion:117 Resp: 606473
Ion Ratio Lower Upper
117 100
82 56.1 53.1 79.7
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

Tgt Ion:152 Resp: 207794
Ion Ratio Lower Upper
152 100
115 63.4 36.1 108.5
150 157.6 0.0 351.8





#95
Naphthalene
Concen: 3.653 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068089.D
Acq: 12 Aug 2021 15:01

Instrument :
MSVOA_N
ClientSampleId :
41265

Tgt Ion:	128	Resp:	4921
Ion	Ratio	Lower	Upper
128	100		
127	7.1	10.6	15.8#
129	9.6	8.6	12.8

