

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080921\
 Data File : VN068047.D
 Acq On : 9 Aug 2021 18:47
 Operator : JC/MD
 Sample : M3308-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11930

Quant Time: Aug 10 03:53:44 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)

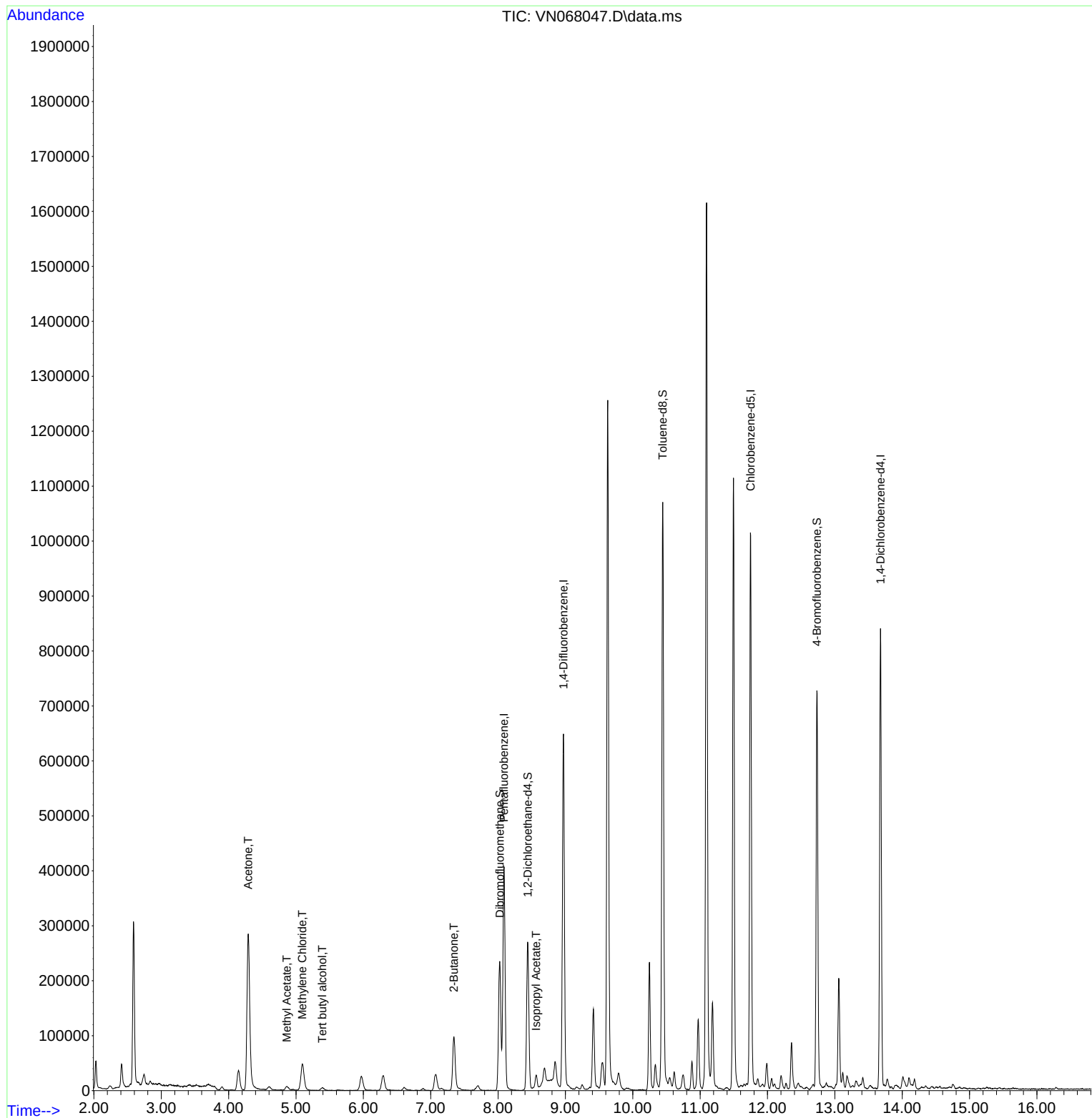
Internal Standards						
1) Pentafluorobenzene	8.088	168	291922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	568971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	597125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	214257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230165	55.694	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.380%
35) Dibromofluoromethane	8.027	113	173088	52.200	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.400%
50) Toluene-d8	10.443	98	747586	48.941	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.734	95	258797	46.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.390	59	8464	15.286	ug/l #	94
16) Acetone	4.291	43	537597	356.521	ug/l	92
18) Methyl Acetate	4.865	43	13944	3.751	ug/l	94
20) Methylene Chloride	5.093	84	38571	10.855	ug/l	92
25) 2-Butanone	7.343	43	161037	73.612	ug/l	94
43) Isopropyl Acetate	8.566	43	31448	3.810	ug/l #	91

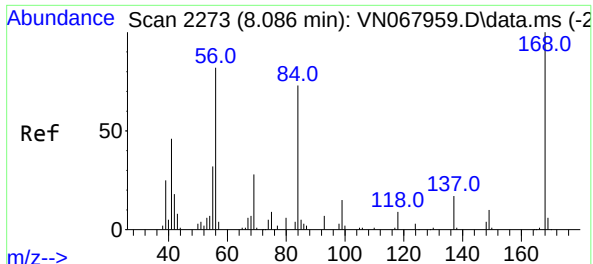
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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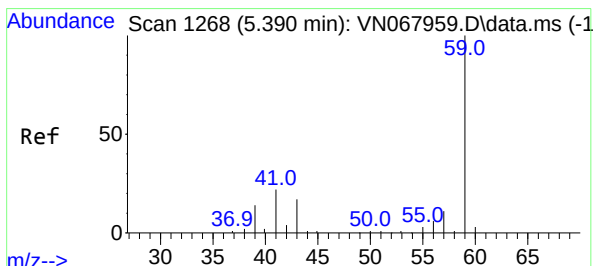
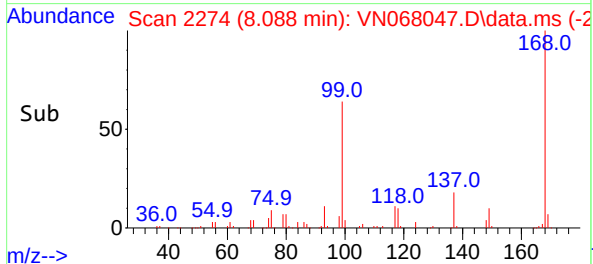
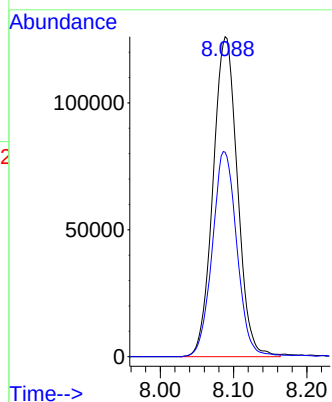
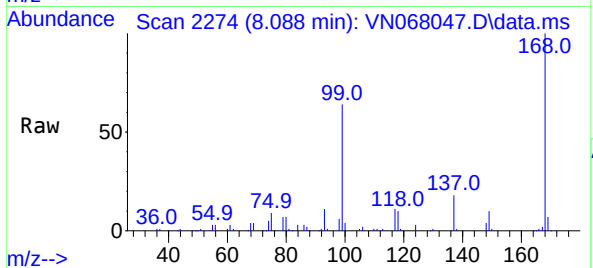




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

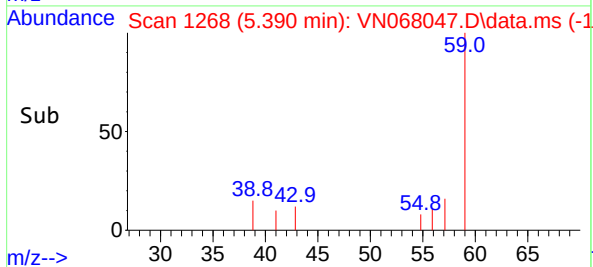
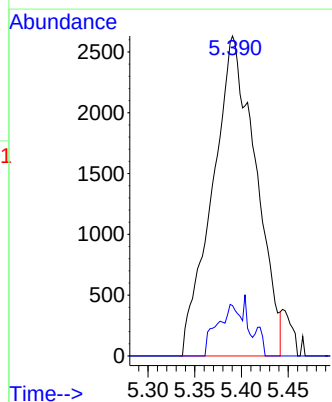
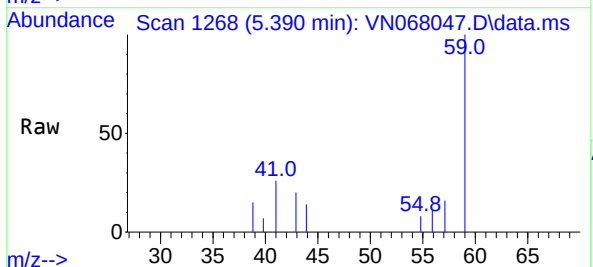
Instrument :
MSVOA_N
ClientSampleId :
72-11930

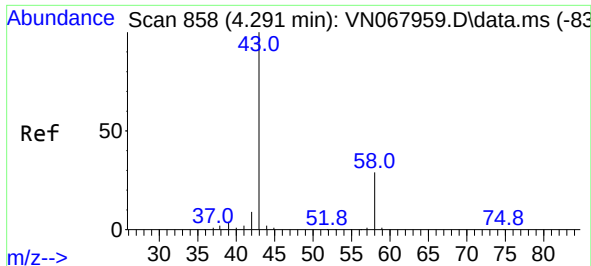
Tgt Ion:168 Resp: 291922
Ion Ratio Lower Upper
168 100
99 63.9 62.9 94.3



#11
Tert butyl alcohol
Concen: 15.286 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

Tgt Ion: 59 Resp: 8464
Ion Ratio Lower Upper
59 100
57 8.6 8.7 13.1#

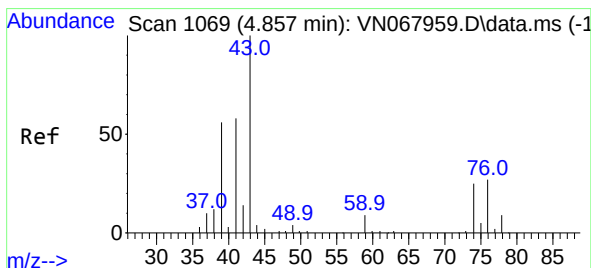
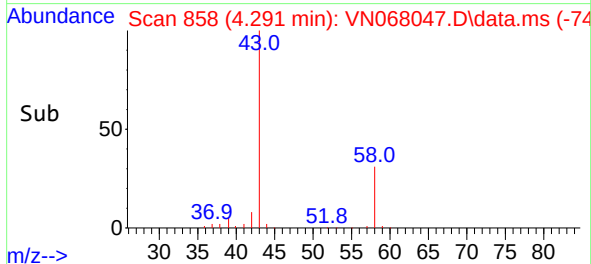
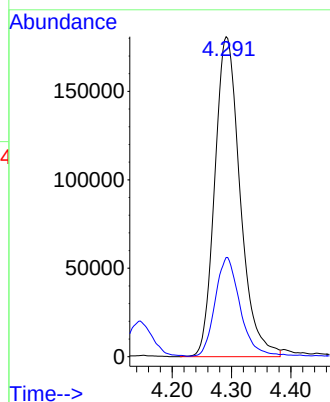
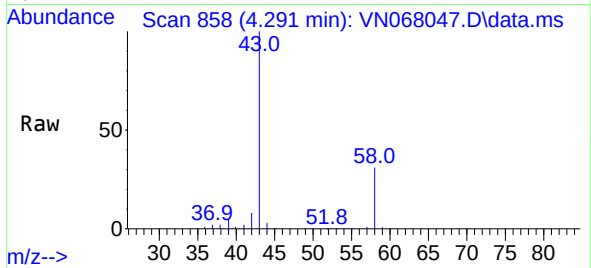




#16
Acetone
Concen: 356.521 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

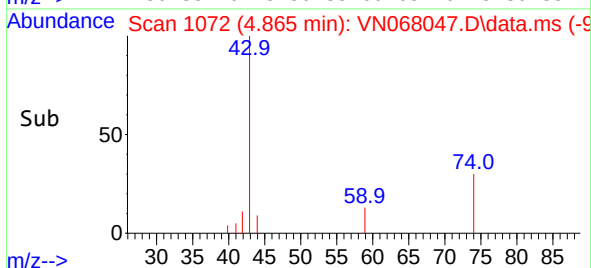
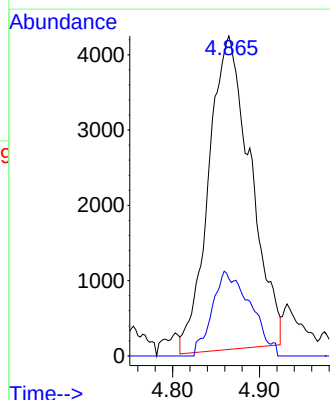
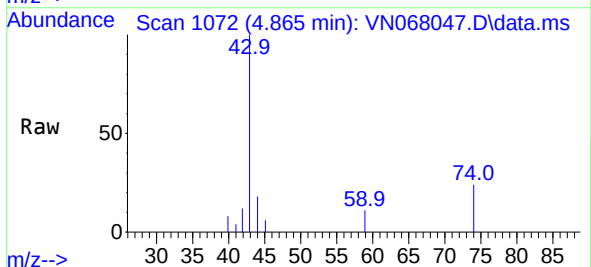
Instrument :
MSVOA_N
ClientSampled :
72-11930

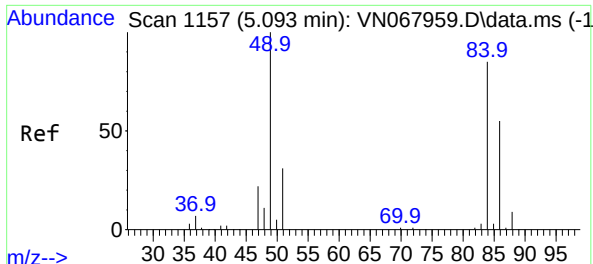
Tgt Ion: 43 Resp: 537597
Ion Ratio Lower Upper
43 100
58 30.6 21.2 31.8



#18
Methyl Acetate
Concen: 3.751 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

Tgt Ion: 43 Resp: 13944
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0



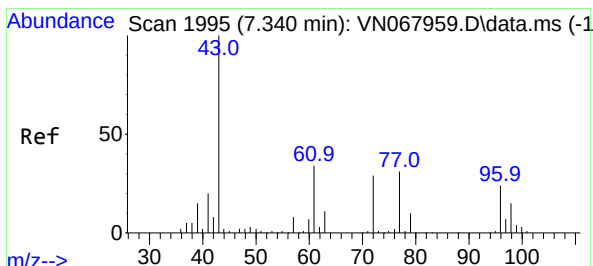
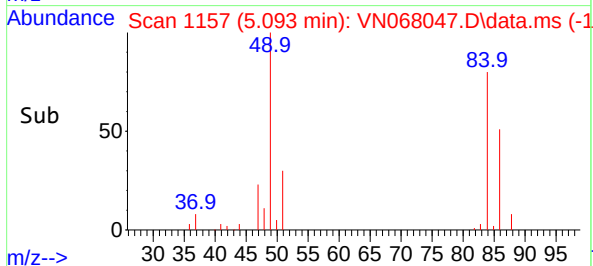
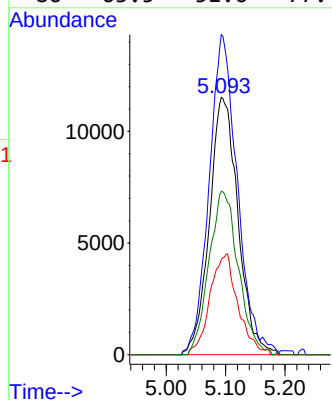
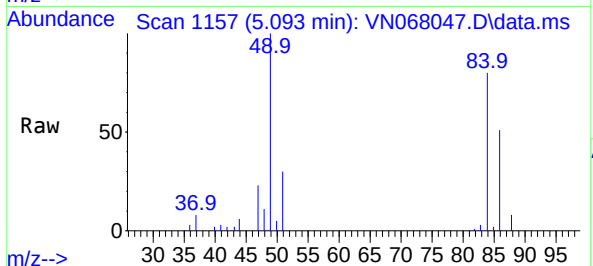


#20
Methylene Chloride
Concen: 10.855 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

Instrument :
MSVOA_N
ClientSampled :
72-11930

Tgt Ion: 84 Resp: 38571

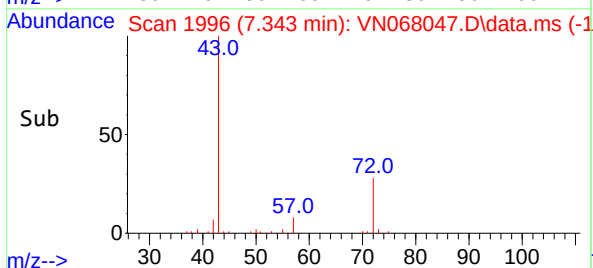
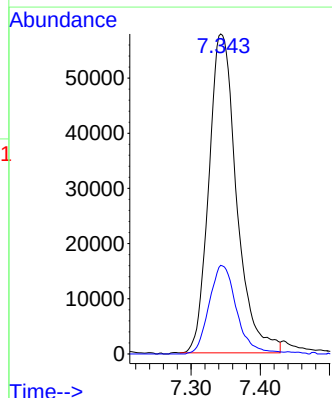
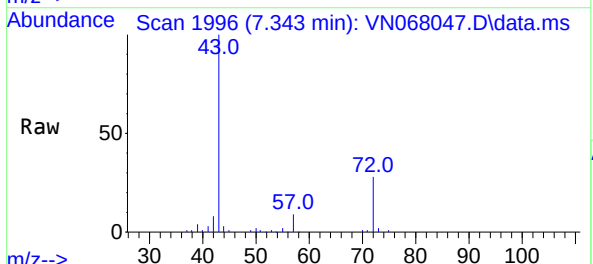
Ion	Ratio	Lower	Upper
84	100		
49	124.4	110.9	166.3
51	37.1	32.6	49.0
86	63.5	51.6	77.4

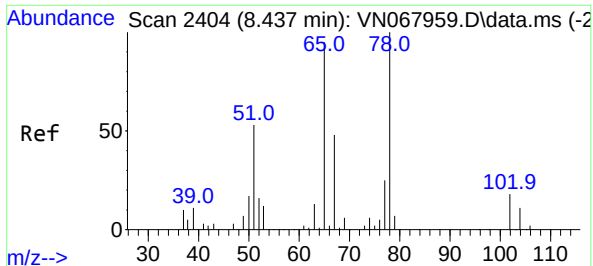


#25
2-Butanone
Concen: 73.612 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

Tgt Ion: 43 Resp: 161037

Ion	Ratio	Lower	Upper
43	100		
72	27.8	19.7	29.5



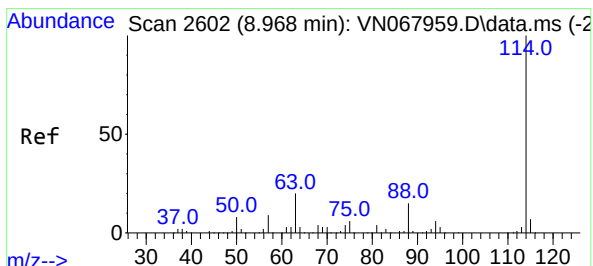
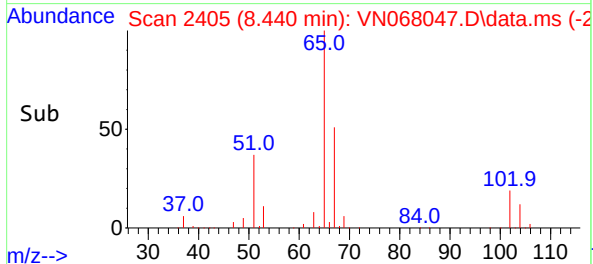
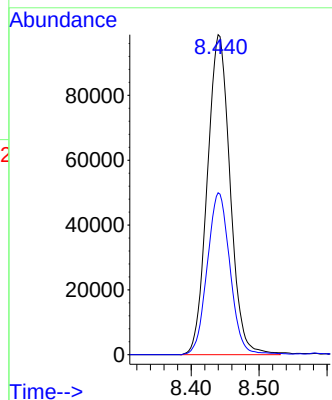
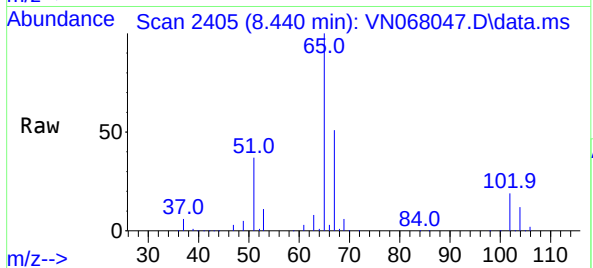


#33

1,2-Dichloroethane-d4
Concen: 55.694 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

Instrument :
MSVOA_N
ClientSampled :
72-11930

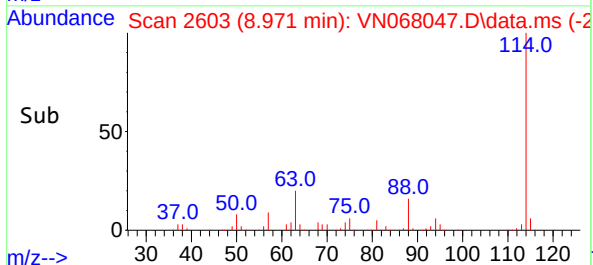
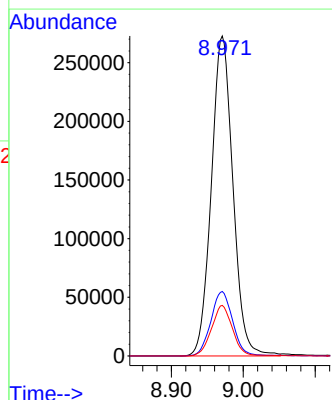
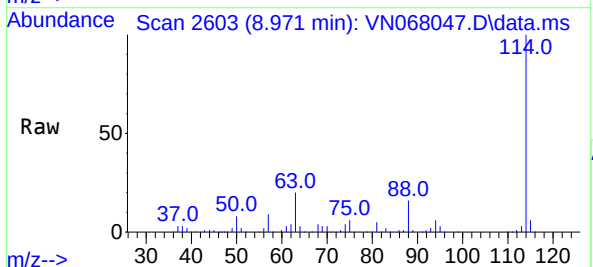
Tgt Ion: 65 Resp: 230165
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

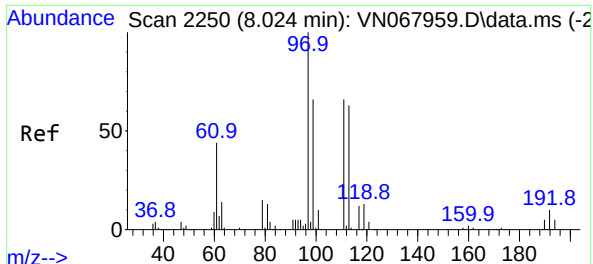


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

Tgt Ion: 114 Resp: 568971
Ion Ratio Lower Upper
114 100
63 20.2 0.0 49.0
88 15.8 0.0 36.6



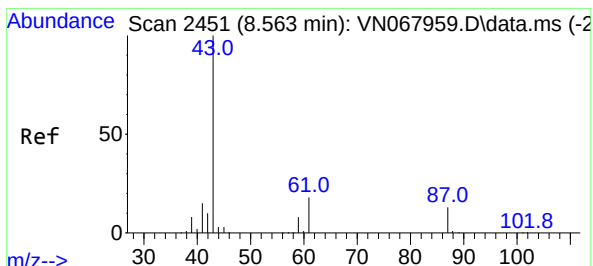
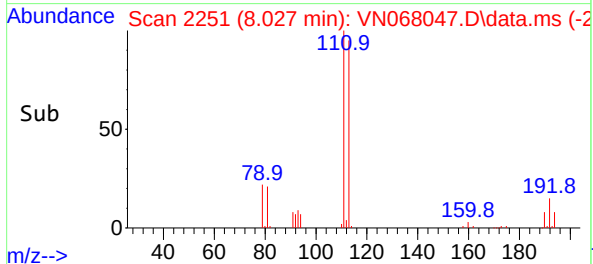
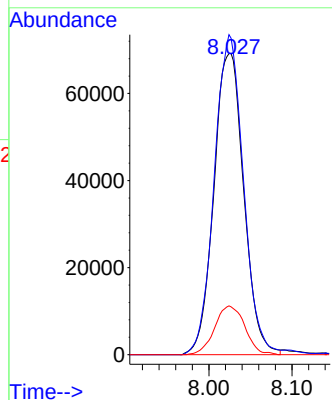
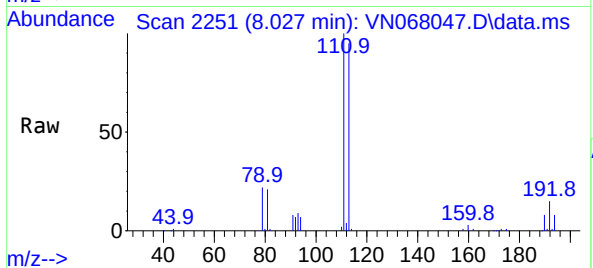


#35
 Dibromofluoromethane
 Concen: 52.200 ug/l
 RT: 8.027 min Scan# 2251
 Delta R.T. 0.003 min
 Lab File: VN068047.D
 Acq: 9 Aug 2021 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11930

Tgt Ion:113 Resp: 173088

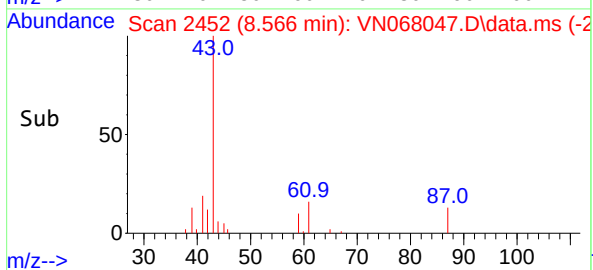
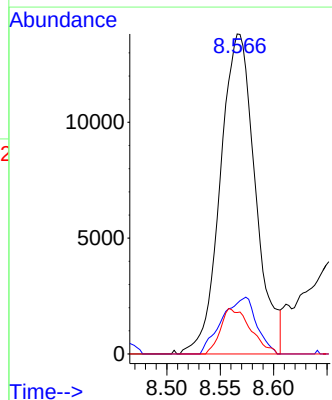
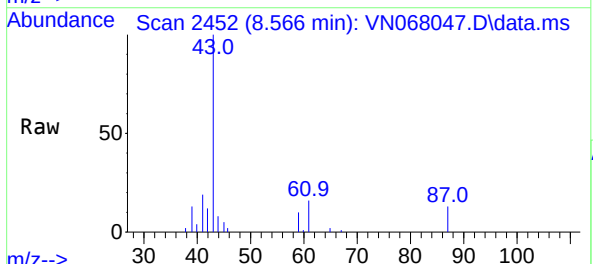
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.8
192	16.4	13.4	20.0

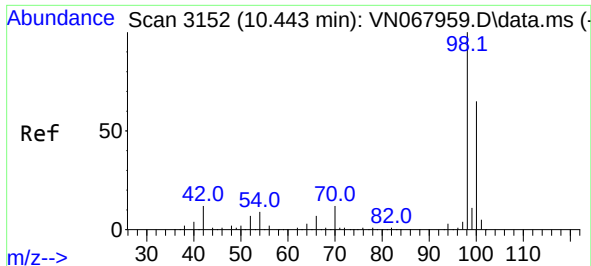


#43
 Isopropyl Acetate
 Concen: 3.810 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.003 min
 Lab File: VN068047.D
 Acq: 9 Aug 2021 18:47

Tgt Ion: 43 Resp: 31448

Ion	Ratio	Lower	Upper
43	100		
61	17.5	19.0	28.4#
87	12.2	9.5	14.3

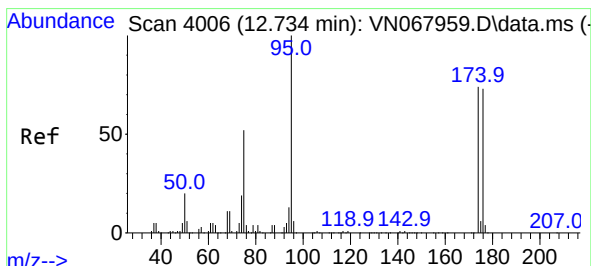
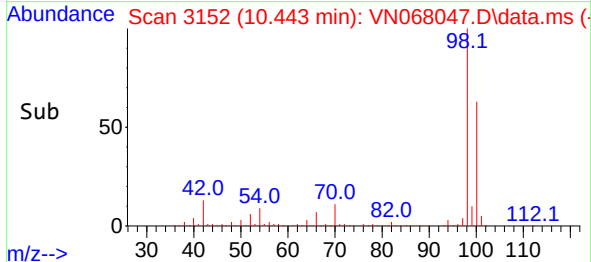
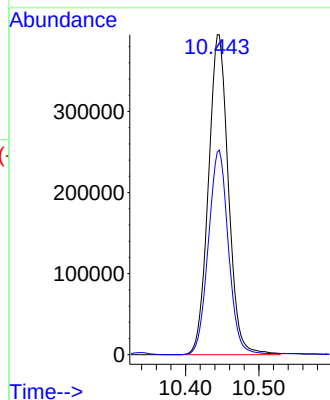
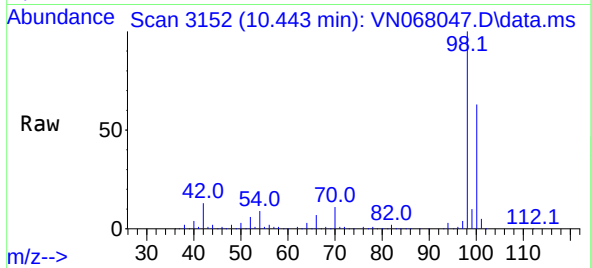




#50
Toluene-d8
Concen: 48.941 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

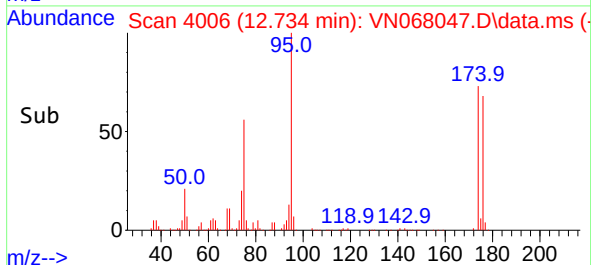
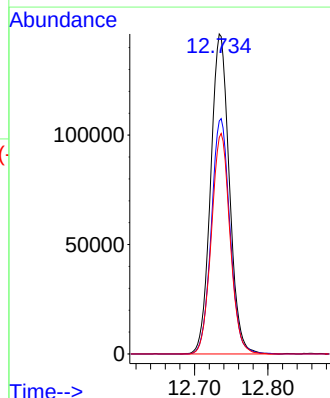
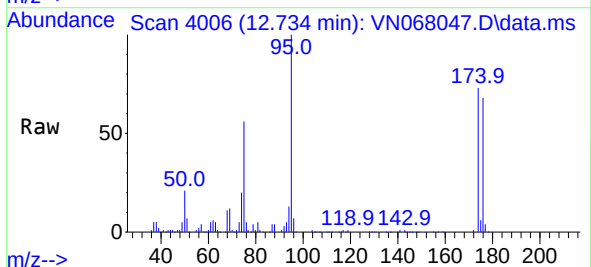
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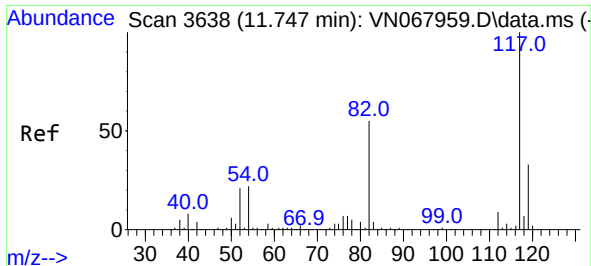
Tgt Ion: 98 Resp: 747586
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.581 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

Tgt Ion: 95 Resp: 258797
Ion Ratio Lower Upper
95 100
174 73.4 0.0 122.0
176 68.7 0.0 117.6

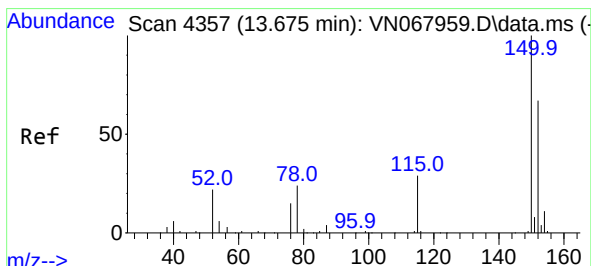
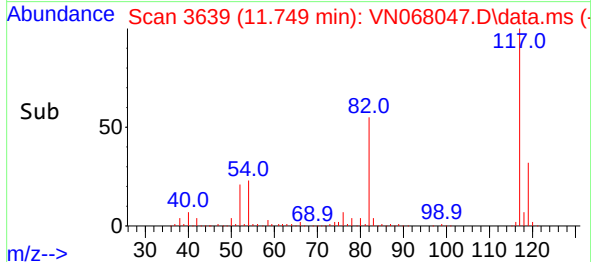
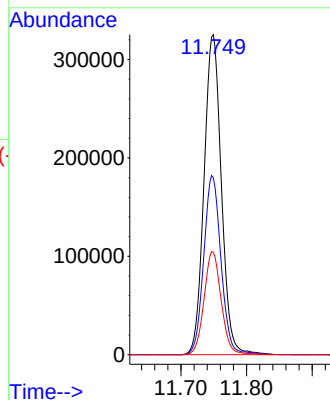
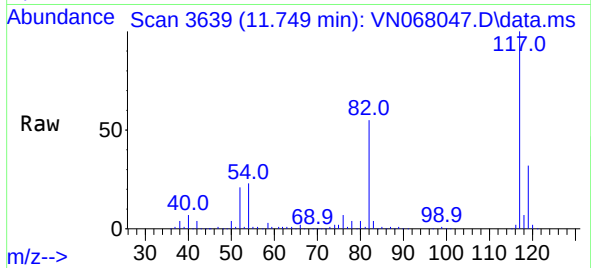




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068047.D
Acq: 9 Aug 2021 18:47

Instrument :
MSVOA_N
ClientSampleId :
72-11930

Tgt Ion:117 Resp: 597125
Ion Ratio Lower Upper
117 100
82 55.3 53.1 79.7
119 32.1 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: VN068047.D
Acq: 9 Aug 2021 18:47

Tgt Ion:152 Resp: 214257
Ion Ratio Lower Upper
152 100
115 63.9 36.1 108.5
150 162.0 0.0 351.8

