

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068092.D
 Acq On : 12 Aug 2021 16:15
 Operator : JC/MD
 Sample : M3360-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31109

Quant Time: Aug 13 05:44:03 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)

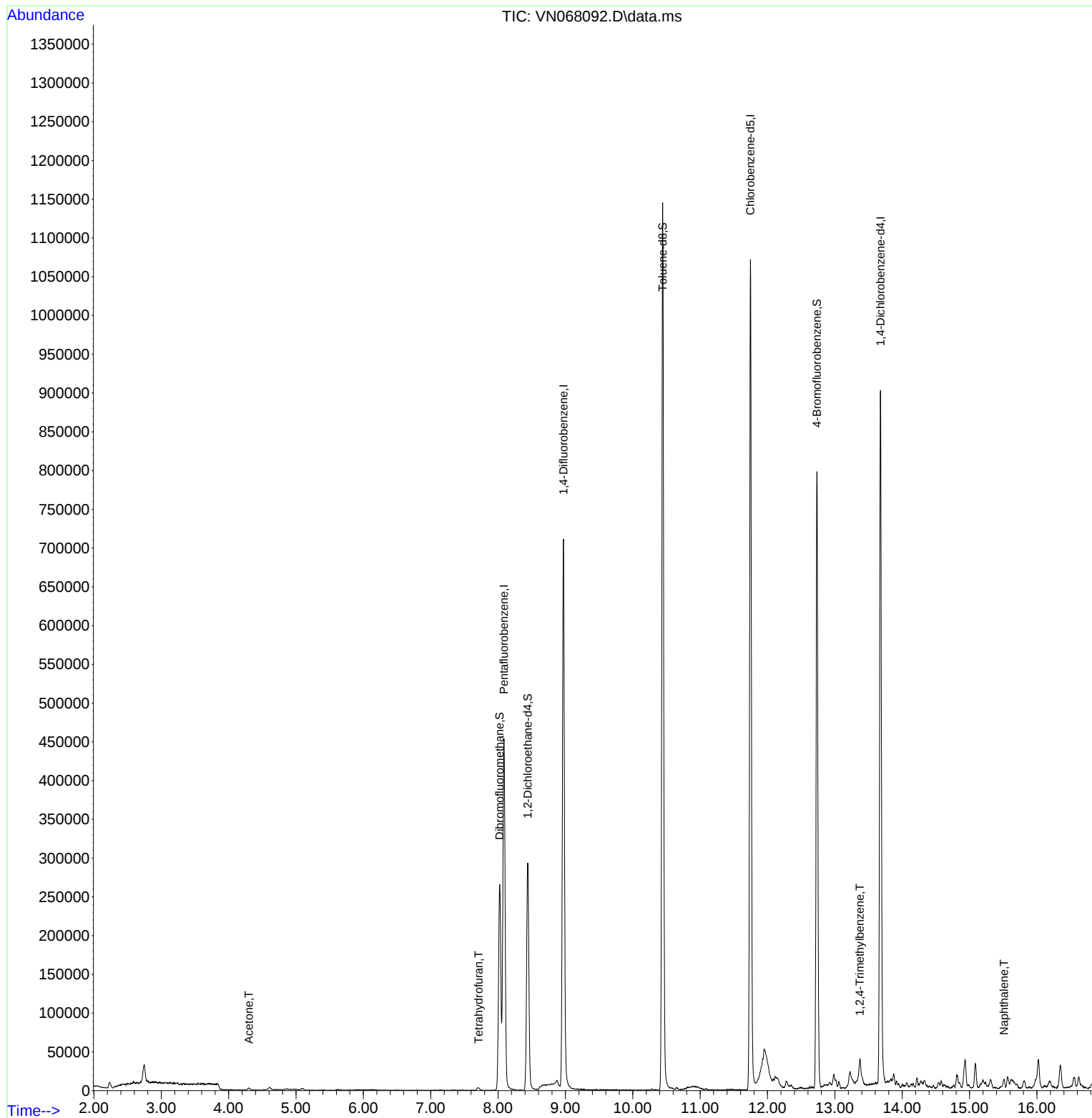
Internal Standards						
1) Pentafluorobenzene	8.088	168	340148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	640276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	637330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	238759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	247774	51.455	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.900%
35) Dibromofluoromethane	8.024	113	198118	53.094	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.180%
50) Toluene-d8	10.443	98	812840	47.417	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.733	95	285847	45.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.620%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	5204	2.962	ug/l	94
29) Tetrahydrofuran	7.710	42	2535	1.553	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.369	105	12370	0.809	ug/l	88
95) Naphthalene	15.509	128	10902	4.147	ug/l #	90

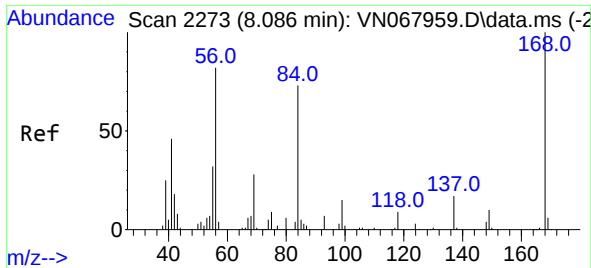
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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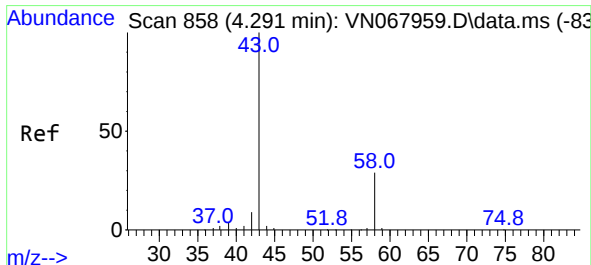
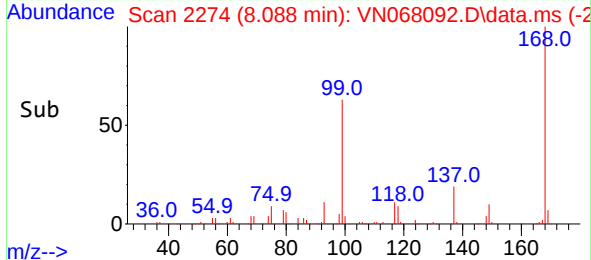
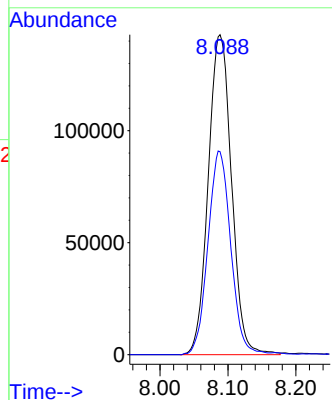
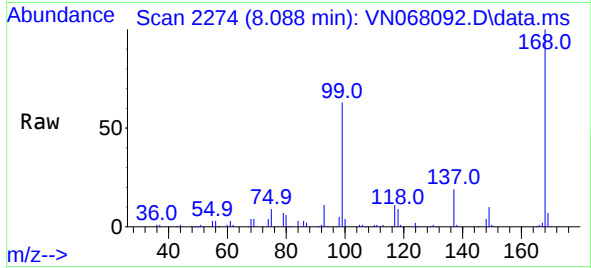




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

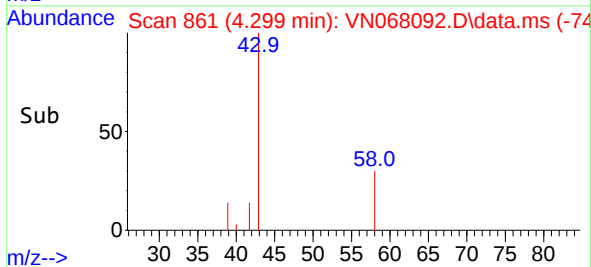
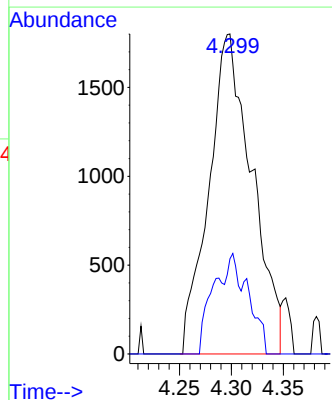
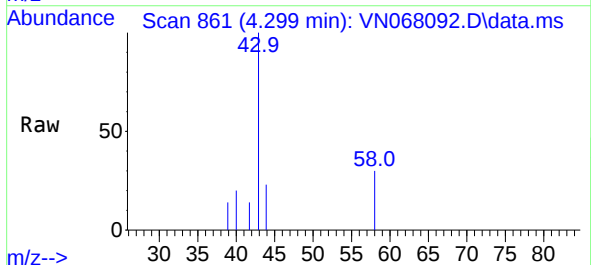
Instrument :
MSVOA_N
ClientSampled :
31109

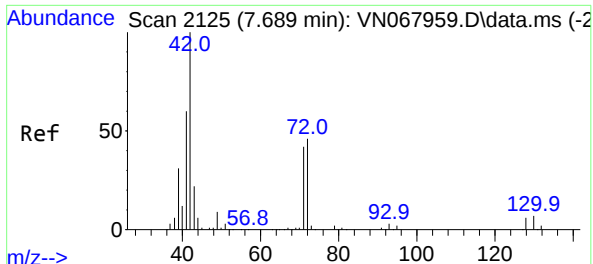
Tgt Ion:168 Resp: 340148
Ion Ratio Lower Upper
168 100
99 63.4 62.9 94.3



#16
Acetone
Concen: 2.962 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

Tgt Ion: 43 Resp: 5204
Ion Ratio Lower Upper
43 100
58 29.8 21.2 31.8

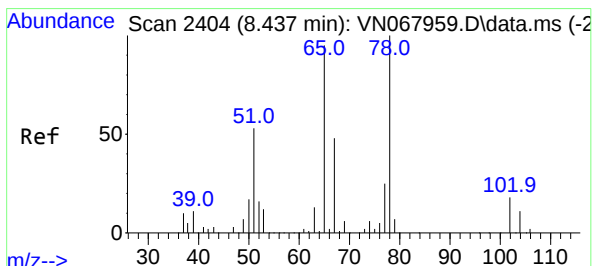
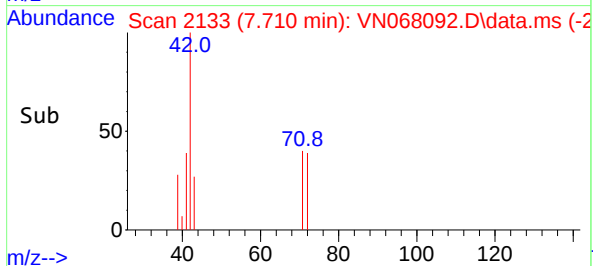
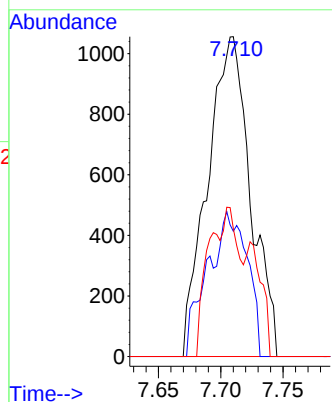
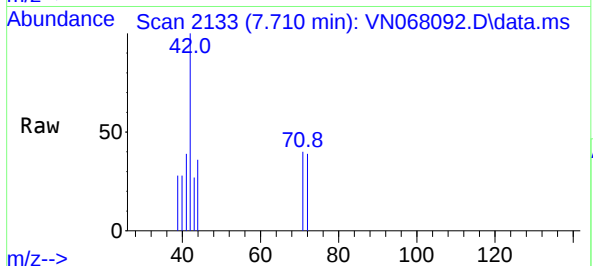




#29
Tetrahydrofuran
Concen: 1.553 ug/l
RT: 7.710 min Scan# 2133
Delta R.T. 0.021 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

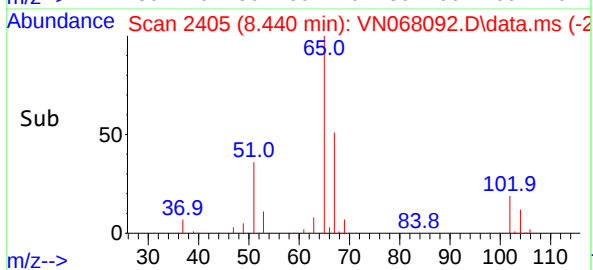
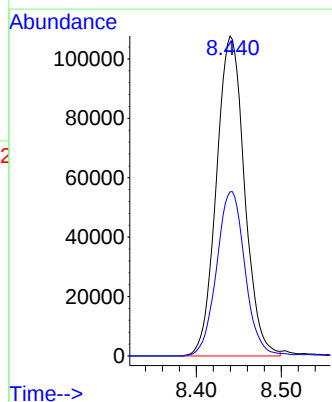
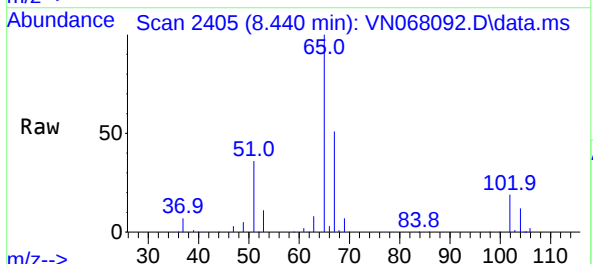
Instrument :
MSVOA_N
ClientSampled :
31109

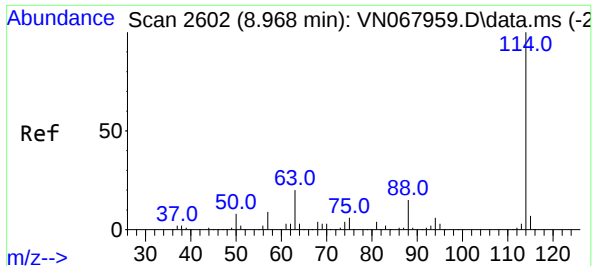
Tgt Ion: 42 Resp: 2535
Ion Ratio Lower Upper
42 100
72 27.9 32.8 49.2#
71 7.5 31.2 46.8#



#33
1,2-Dichloroethane-d4
Concen: 51.455 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

Tgt Ion: 65 Resp: 247774
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.6

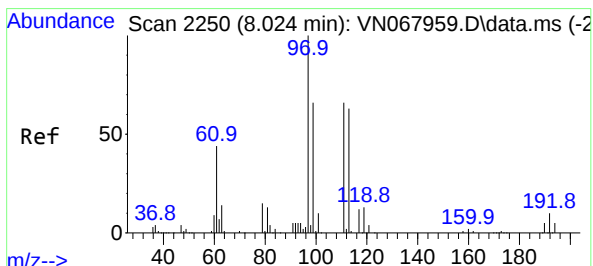
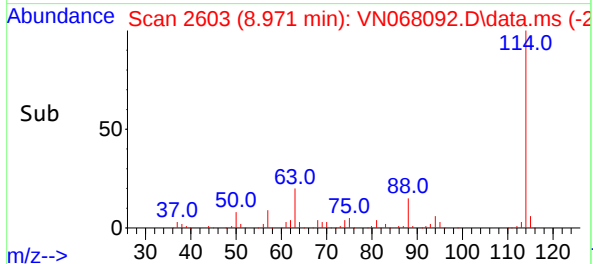
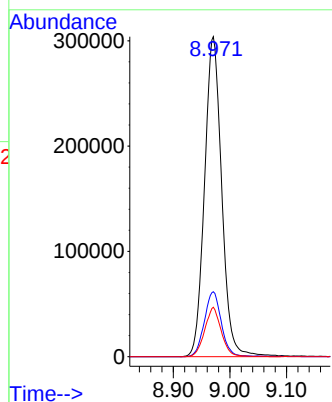
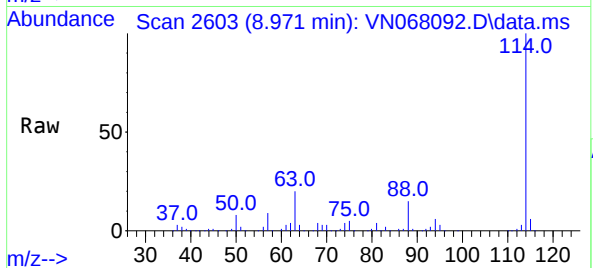




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

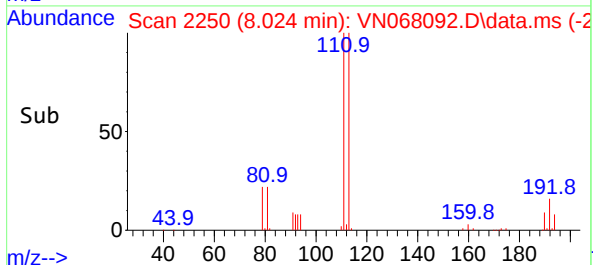
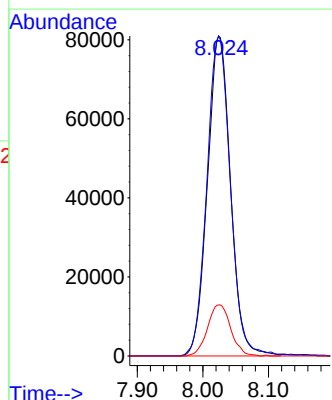
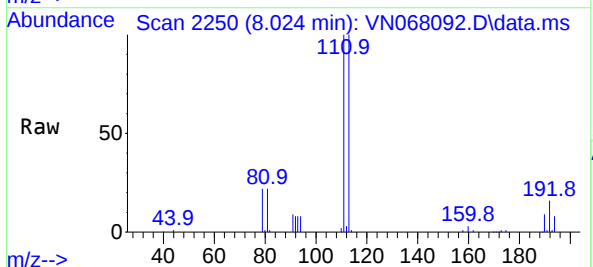
Instrument :
MSVOA_N
ClientSampled :
31109

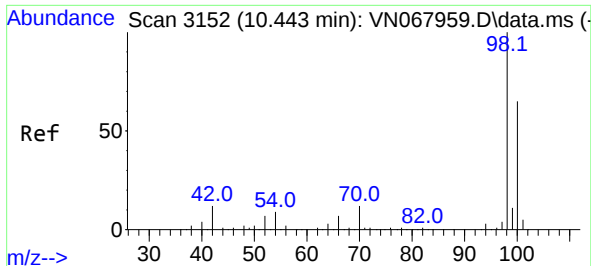
Tgt Ion:114 Resp: 640276
Ion Ratio Lower Upper
114 100
63 20.3 0.0 49.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.094 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

Tgt Ion:113 Resp: 198118
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.8
192 16.1 13.4 20.0

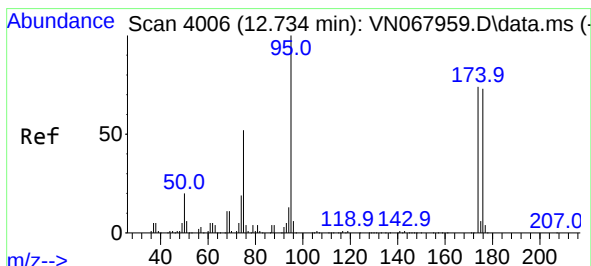
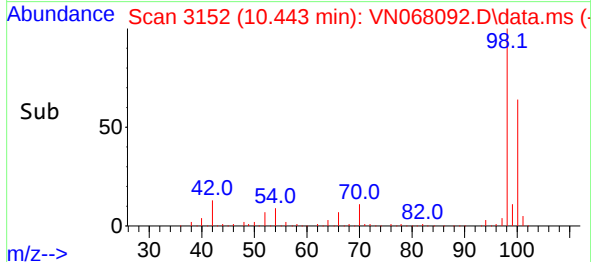
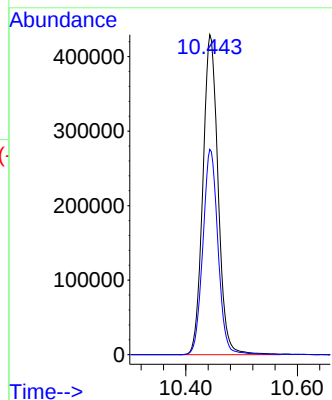
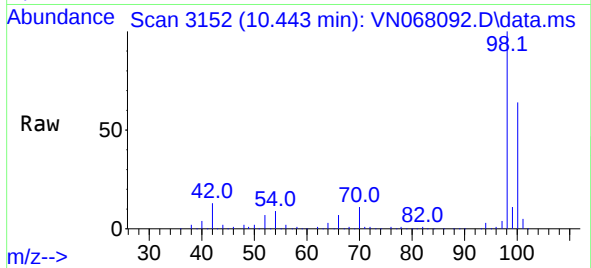




#50
Toluene-d8
Concen: 47.417 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

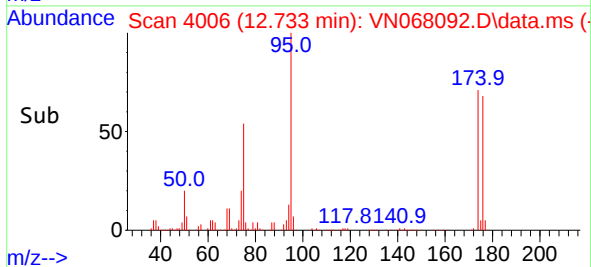
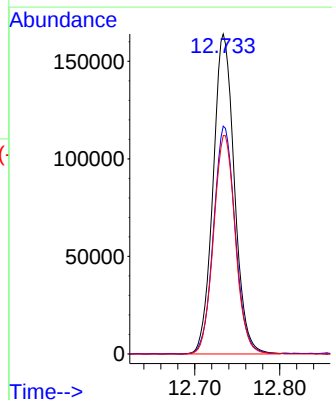
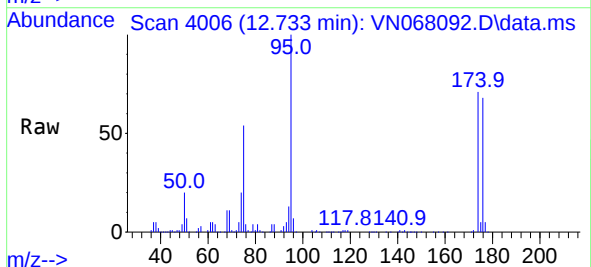
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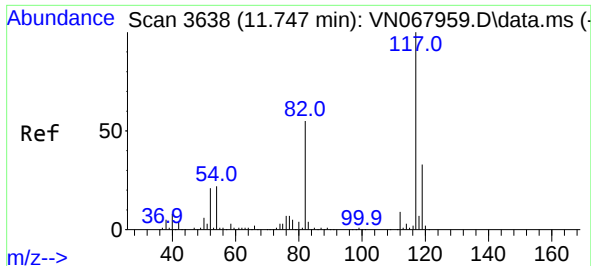
Tgt Ion: 98 Resp: 812840
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.812 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

Tgt Ion: 95 Resp: 285847
Ion Ratio Lower Upper
95 100
174 72.5 0.0 122.0
176 69.6 0.0 117.6

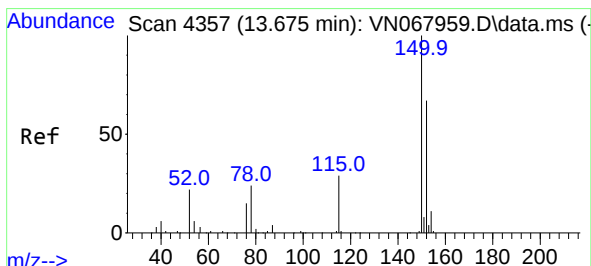
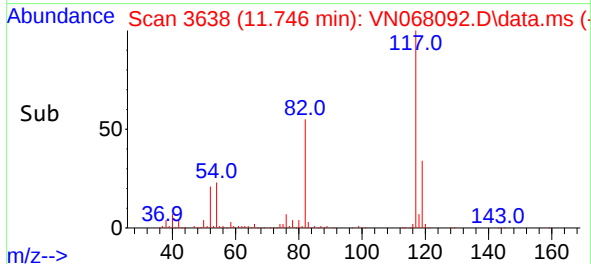
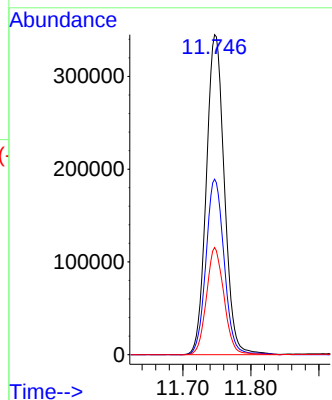
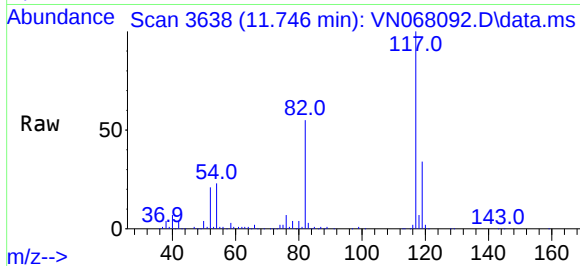




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

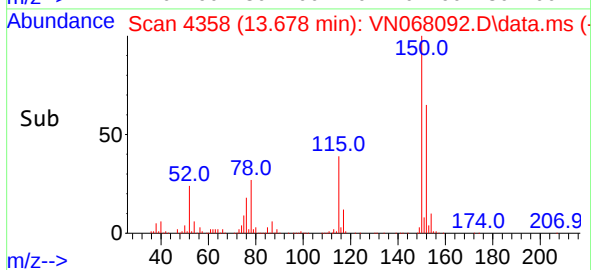
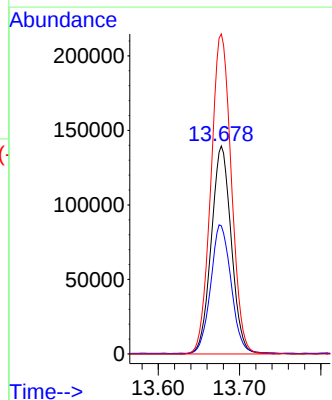
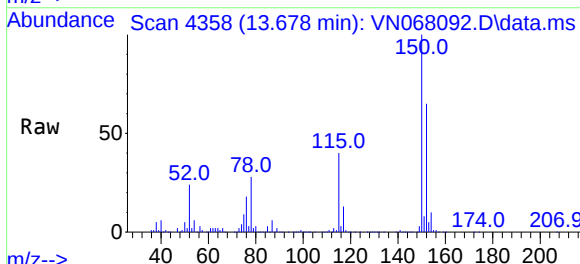
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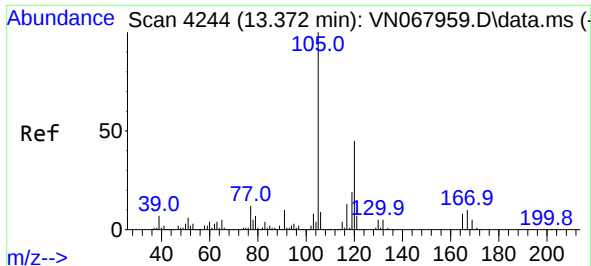
Tgt Ion:	117	Resp:	637330
Ion	Ratio	Lower	Upper
117	100		
82	54.9	53.1	79.7
119	33.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

Tgt Ion:	152	Resp:	238759
Ion	Ratio	Lower	Upper
152	100		
115	63.0	36.1	108.5
150	157.1	0.0	351.8

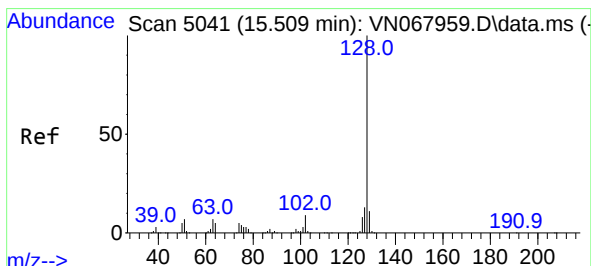
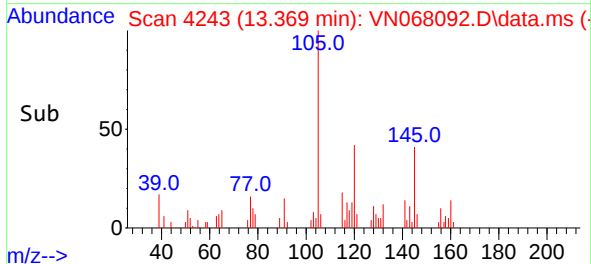
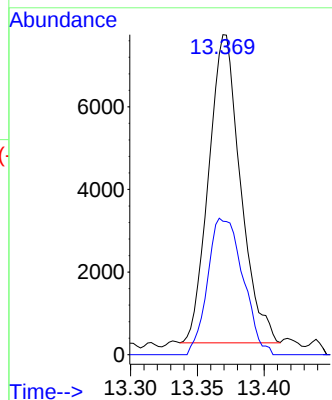
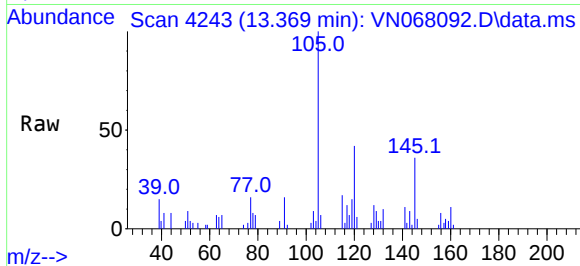




#84
1,2,4-Trimethylbenzene
Concen: 0.809 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

Instrument :
MSVOA_N
ClientSampled :
31109

Tgt Ion:105 Resp: 12370
Ion Ratio Lower Upper
105 100
120 49.0 20.6 61.8



#95
Naphthalene
Concen: 4.147 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068092.D
Acq: 12 Aug 2021 16:15

Tgt Ion:128 Resp: 10902
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 3.2 8.6 12.8

