

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068678.D
 Acq On : 25 Sep 2021 19:41
 Operator : JC/MD
 Sample : M3935-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Sep 27 04:47:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

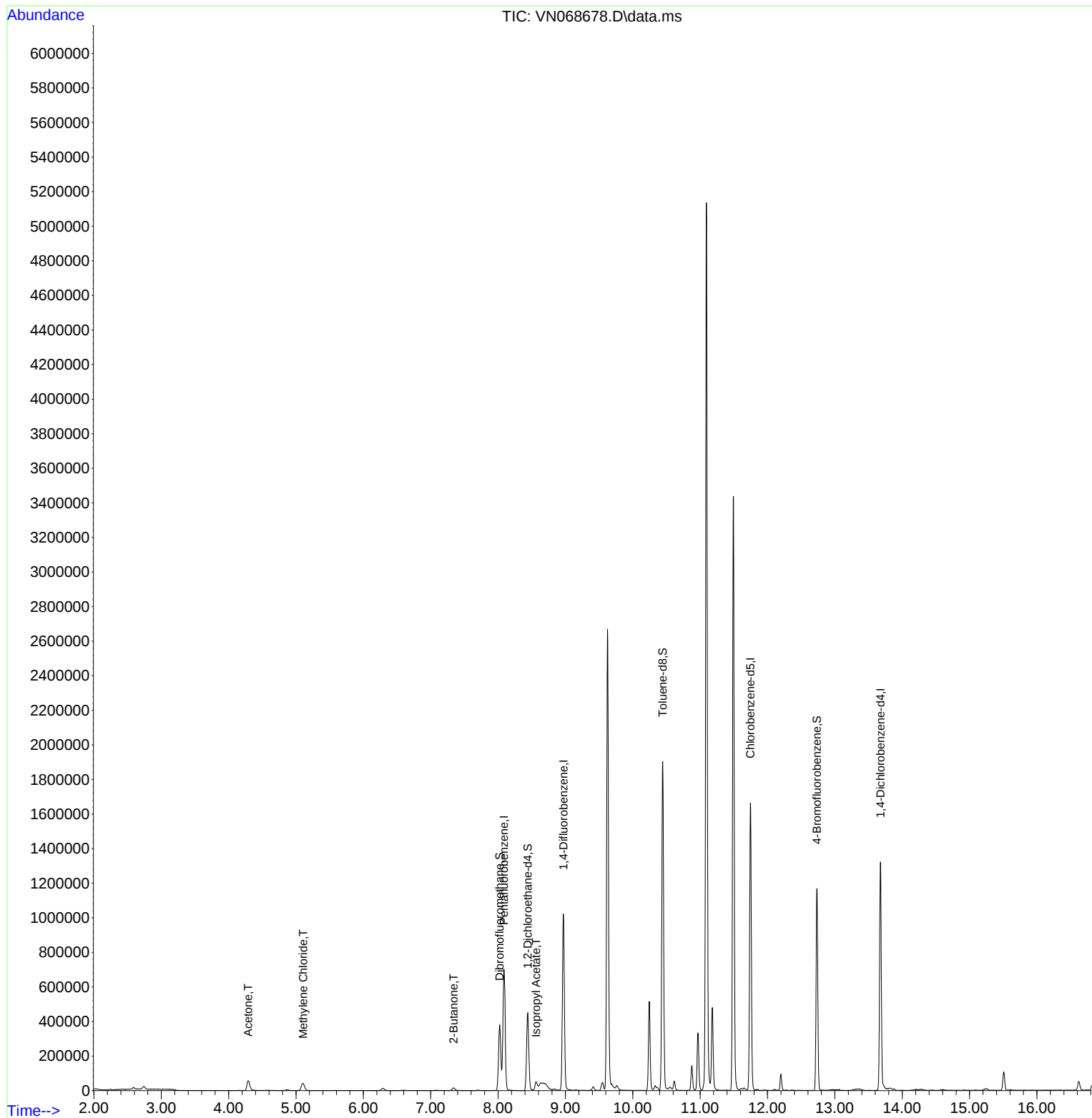
Internal Standards						
1) Pentafluorobenzene	8.088	168	540202	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	865949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	916381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	332774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	373549	44.173	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.340%
35) Dibromofluoromethane	8.024	113	273102	47.060	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.120%
50) Toluene-d8	10.443	98	1282746	52.231	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.733	95	395208	47.053	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.100%
Target Compounds						
						Qvalue
16) Acetone	4.291	43	112334	26.468	ug/l	98
20) Methylene Chloride	5.106	84	34709	3.586	ug/l	94
25) 2-Butanone	7.340	43	26464	5.147	ug/l	98
43) Isopropyl Acetate	8.563	43	62328	3.670	ug/l #	85

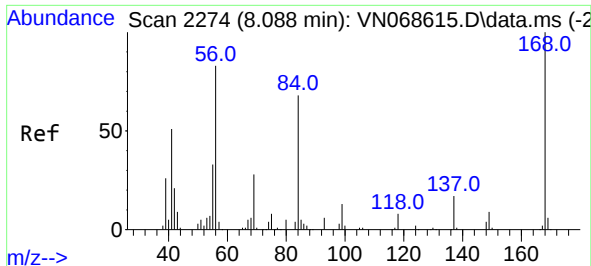
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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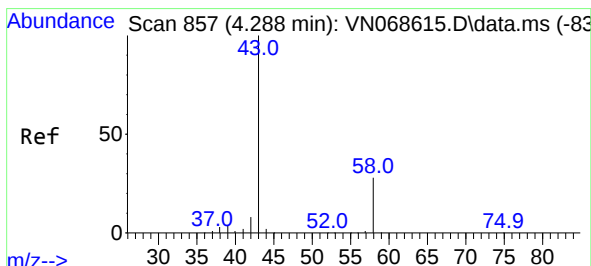
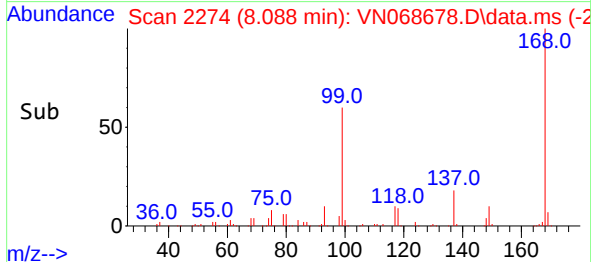
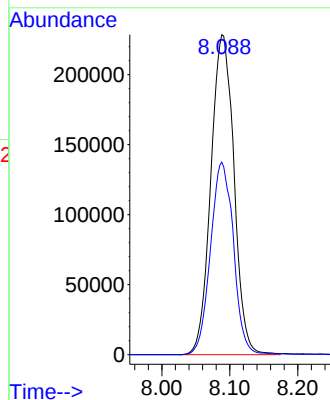
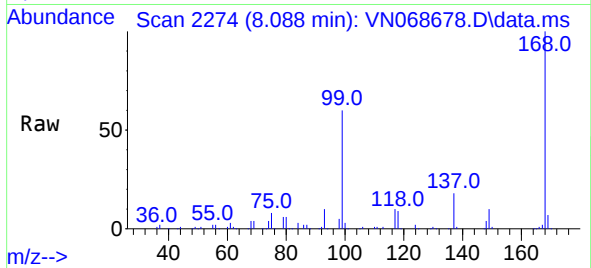




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

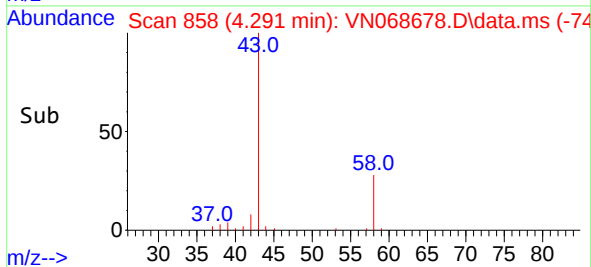
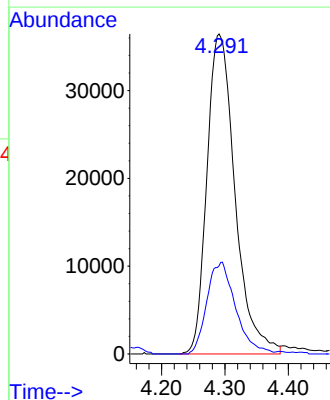
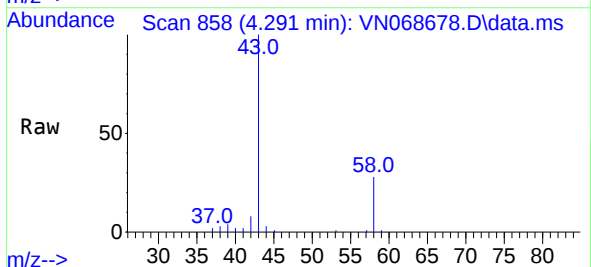
Instrument :
MSVOA_N
ClientSampled :
TP-2

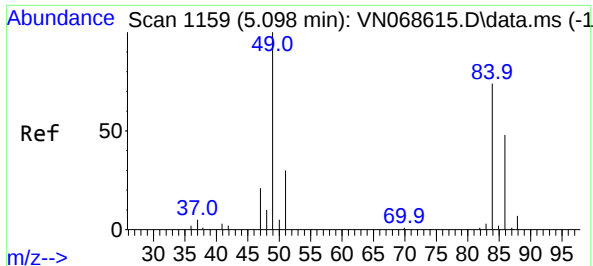
Tgt Ion:168 Resp: 540202
Ion Ratio Lower Upper
168 100
99 60.2 62.9 94.3#



#16
Acetone
Concen: 26.468 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

Tgt Ion: 43 Resp: 112334
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8



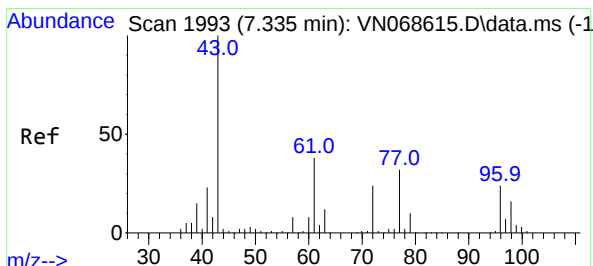
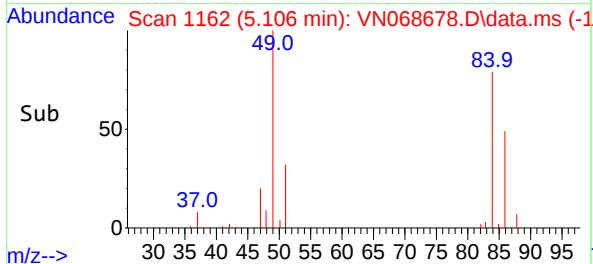
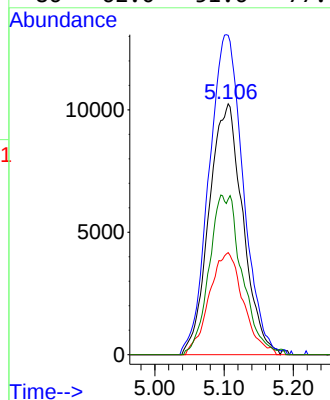
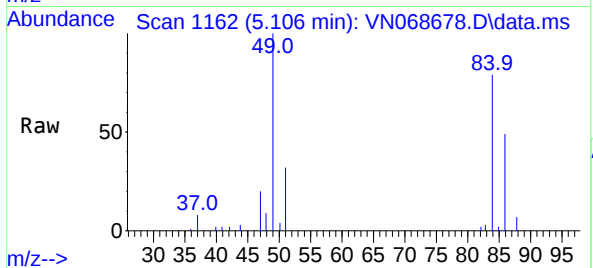


#20
Methylene Chloride
Concen: 3.586 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.008 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tgt Ion: 84 Resp: 34709

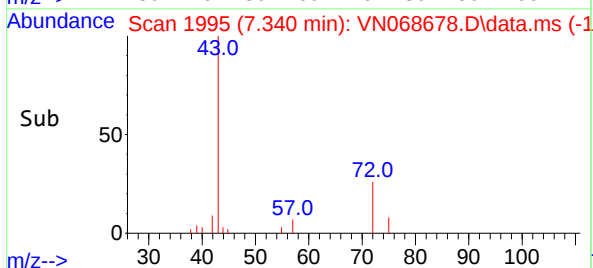
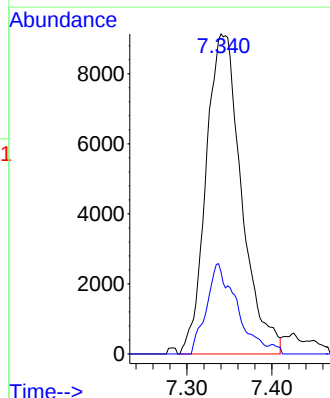
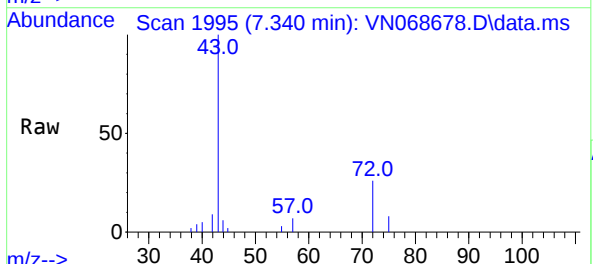
Ion	Ratio	Lower	Upper
84	100		
49	127.3	110.9	166.3
51	40.7	32.6	49.0
86	62.0	51.6	77.4

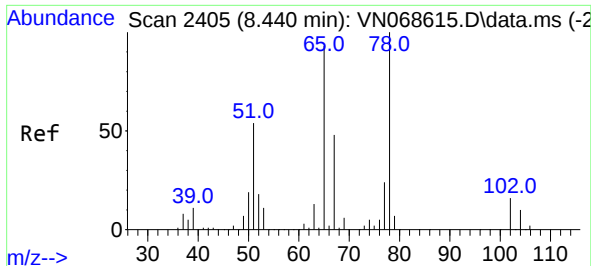


#25
2-Butanone
Concen: 5.147 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

Tgt Ion: 43 Resp: 26464

Ion	Ratio	Lower	Upper
43	100		
72	25.6	19.7	29.5

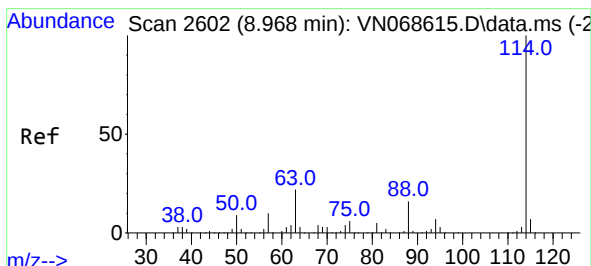
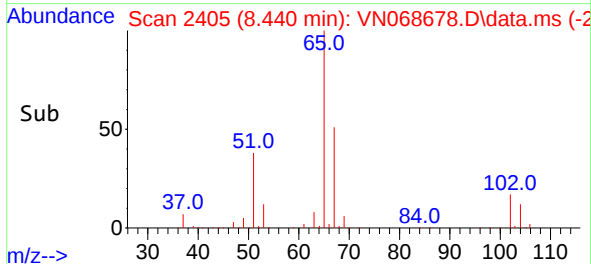
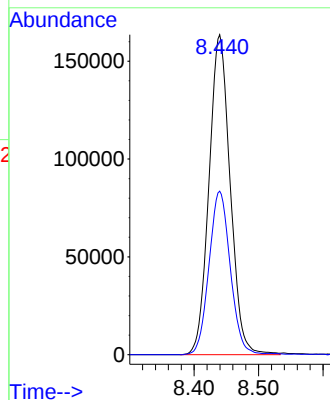
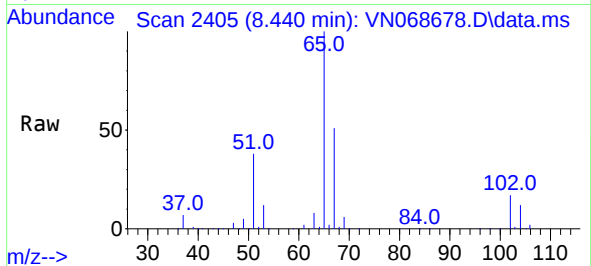




#33
1,2-Dichloroethane-d4
Concen: 44.173 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

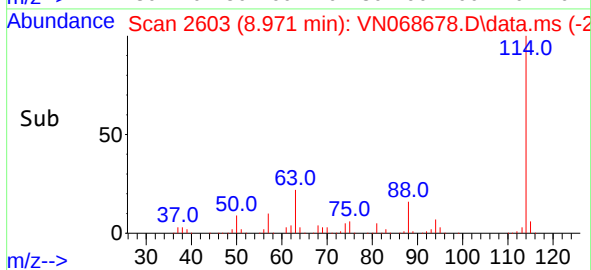
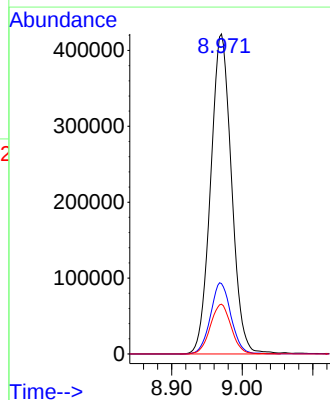
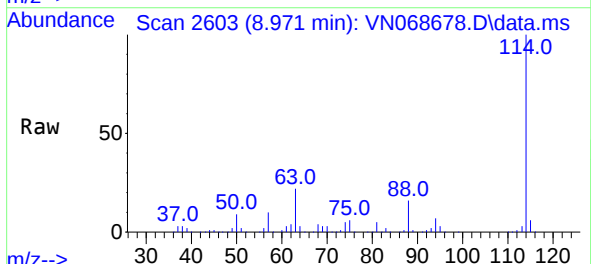
Instrument :
MSVOA_N
ClientSampled :
TP-2

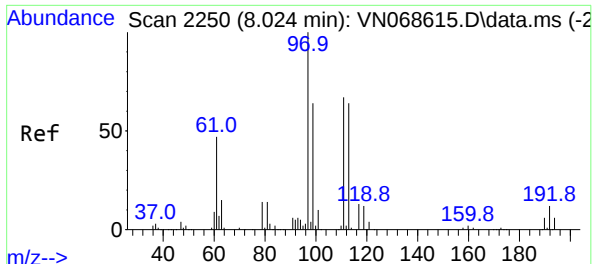
Tgt Ion: 65 Resp: 373549
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

Tgt Ion: 114 Resp: 865949
Ion Ratio Lower Upper
114 100
63 22.0 0.0 49.0
88 15.6 0.0 36.6

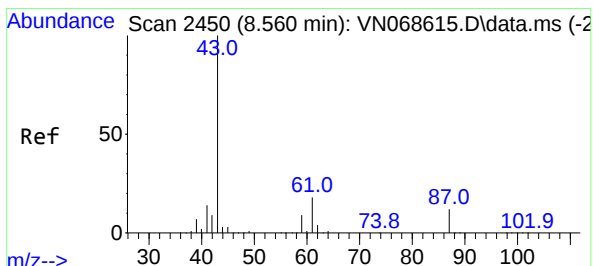
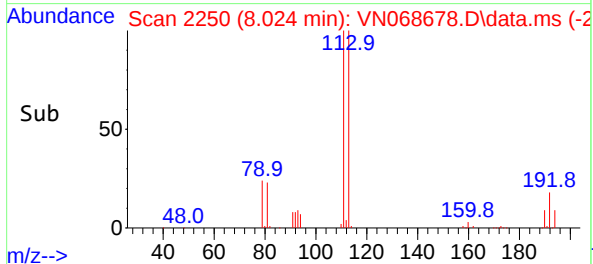
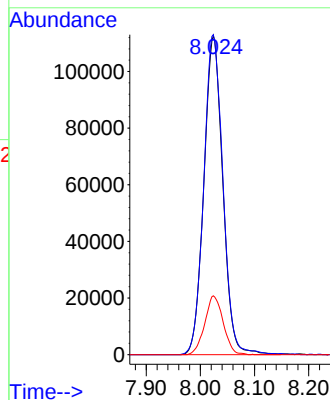
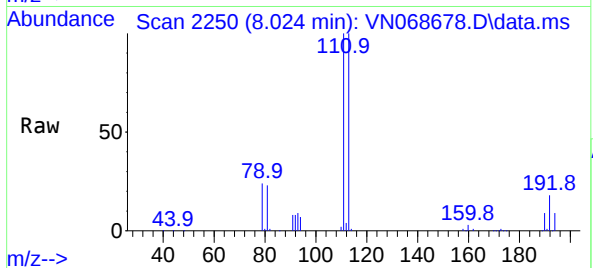




#35
Dibromofluoromethane
Concen: 47.060 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

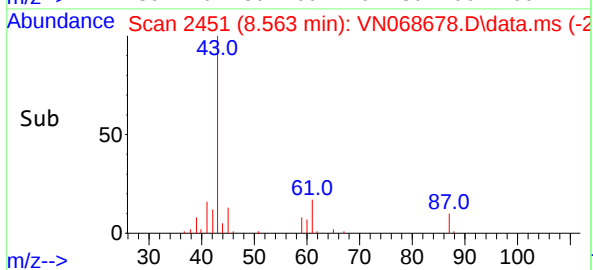
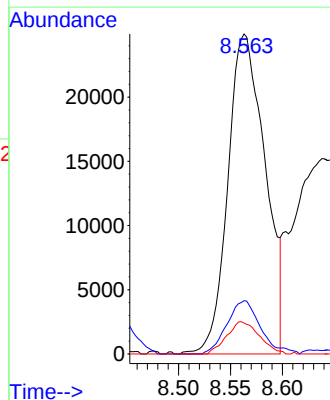
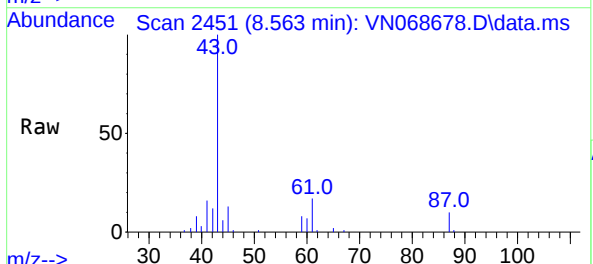
Instrument :
MSVOA_N
ClientSampled :
TP-2

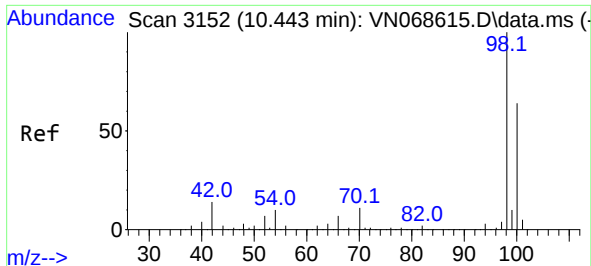
Tgt Ion:113 Resp: 273102
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.8
192 18.0 13.4 20.0



#43
Isopropyl Acetate
Concen: 3.670 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

Tgt Ion: 43 Resp: 62328
Ion Ratio Lower Upper
43 100
61 14.9 19.0 28.4#
87 8.8 9.5 14.3#

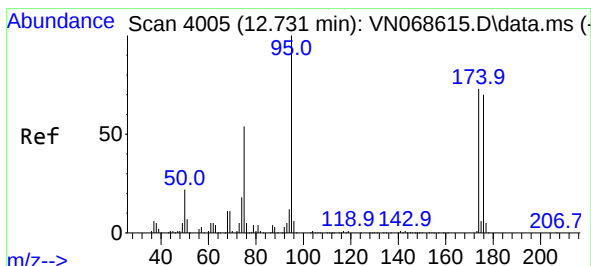
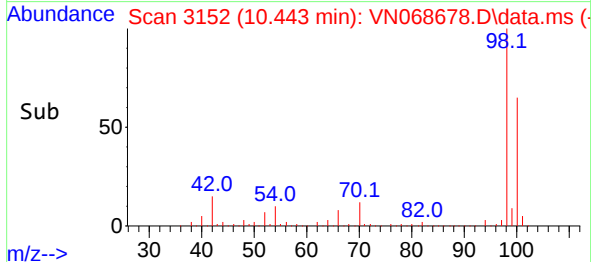
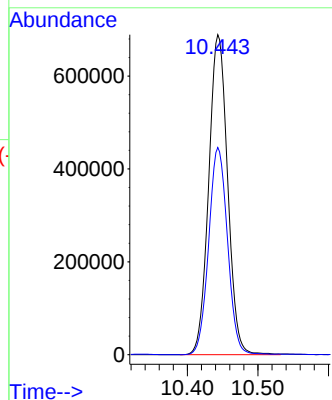
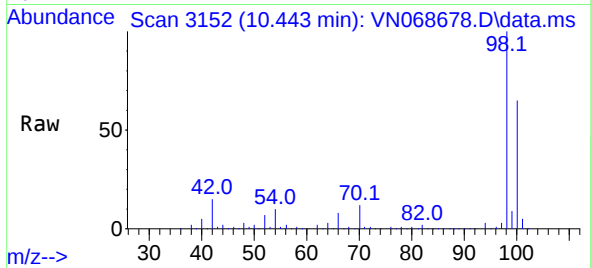




#50
Toluene-d8
Concen: 52.231 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

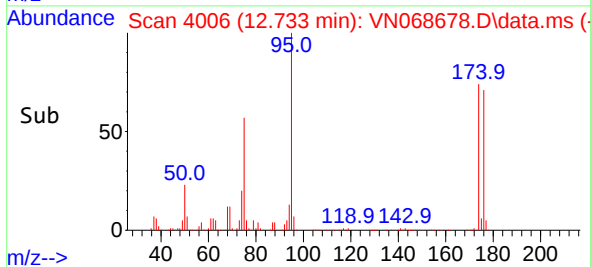
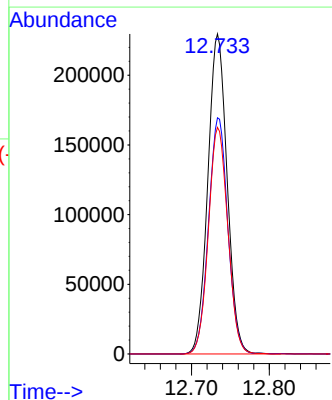
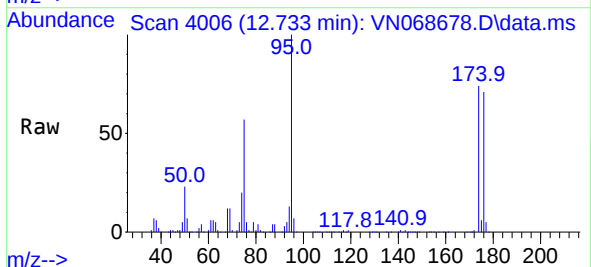
Instrument :
MSVOA_N
ClientSampled :
TP-2

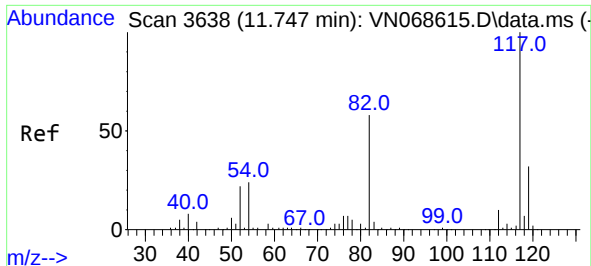
Tgt Ion: 98 Resp: 1282746
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.053 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

Tgt Ion: 95 Resp: 395208
Ion Ratio Lower Upper
95 100
174 73.9 0.0 122.0
176 71.2 0.0 117.6

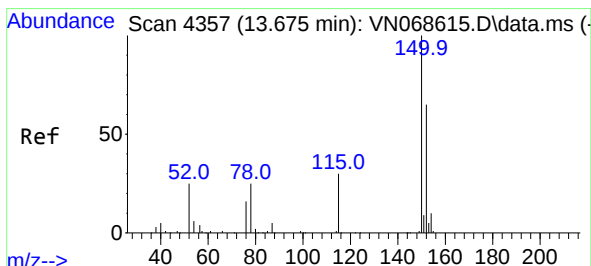
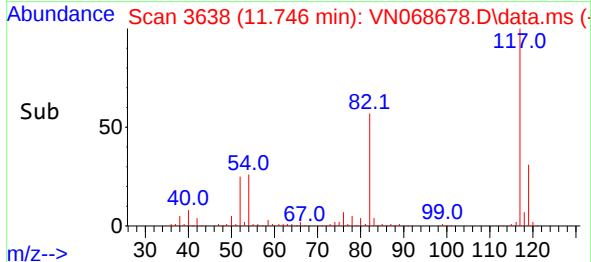
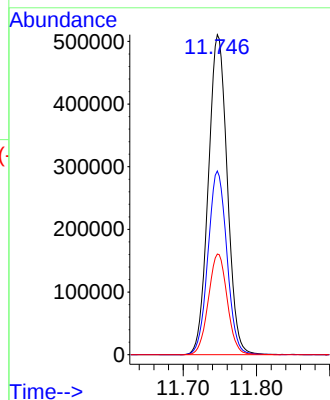
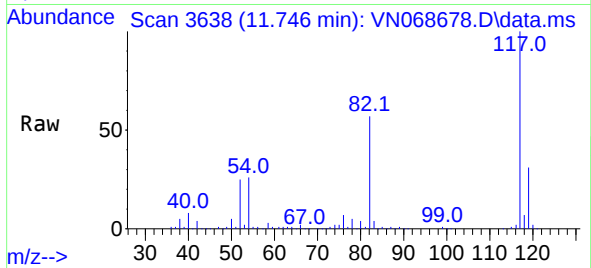




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tgt Ion:117 Resp: 916381
Ion Ratio Lower Upper
117 100
82 57.4 53.1 79.7
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068678.D
Acq: 25 Sep 2021 19:41

Tgt Ion:152 Resp: 332774
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 155.1 0.0 351.8

