

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067560.D
 Acq On : 29 Jun 2021 18:05
 Operator : JC/MD
 Sample : M2860-01RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ASHRE

Quant Time: Jun 29 18:23:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

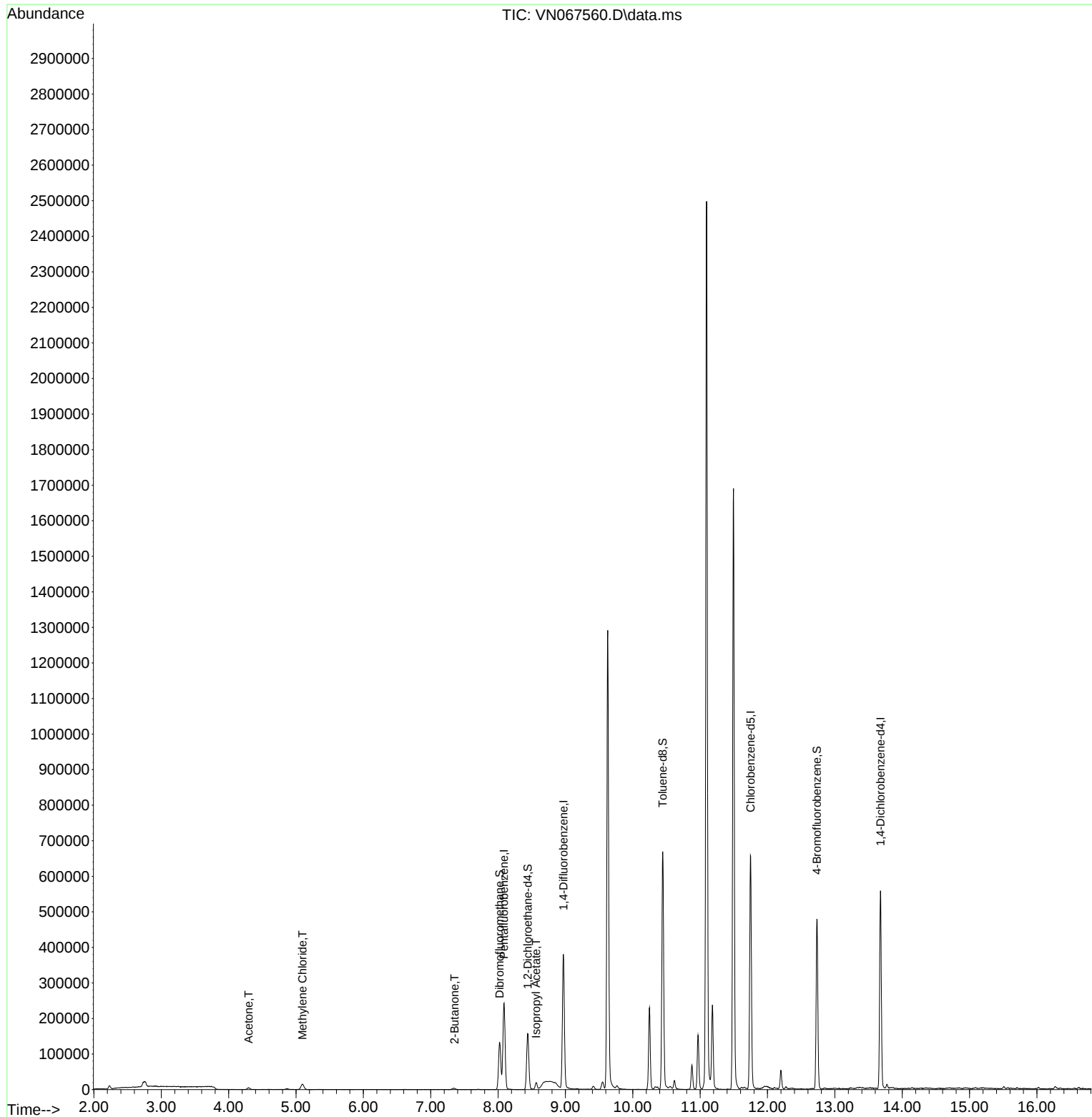
Internal Standards						
1) Pentafluorobenzene	8.088	168	173637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	329635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	392592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	142194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	131518	55.344	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.680%
35) Dibromofluoromethane	8.021	113	95614	46.784	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.560%
50) Toluene-d8	10.443	98	475543	57.280	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	114.560%
62) 4-Bromofluorobenzene	12.734	95	170837	58.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.820%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	9954	12.699	ug/l	93
20) Methylene Chloride	5.095	84	12259	5.779	ug/l	85
25) 2-Butanone	7.354	43	4416	3.653	ug/l	96
43) Isopropyl Acetate	8.566	43	23058	4.940	ug/l #	92

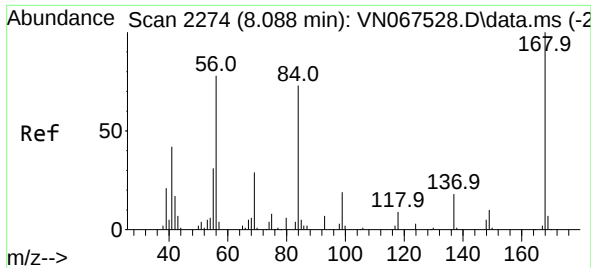
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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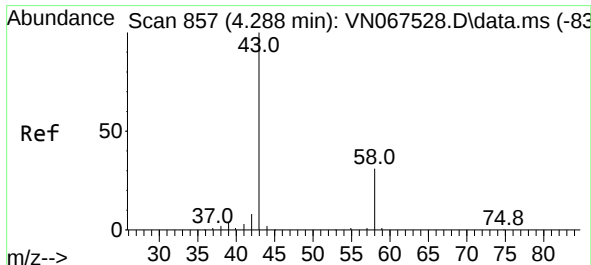
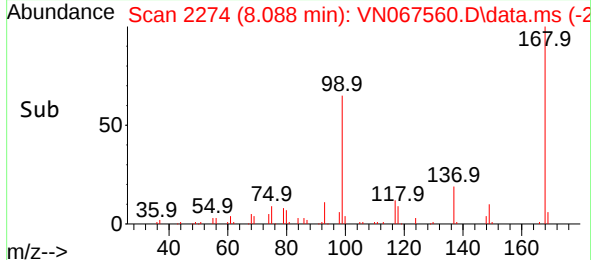
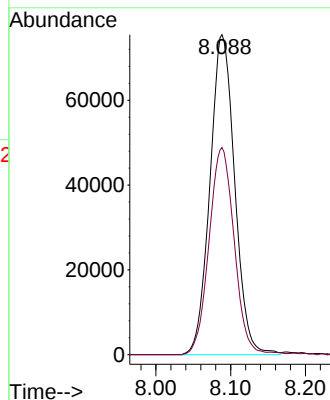
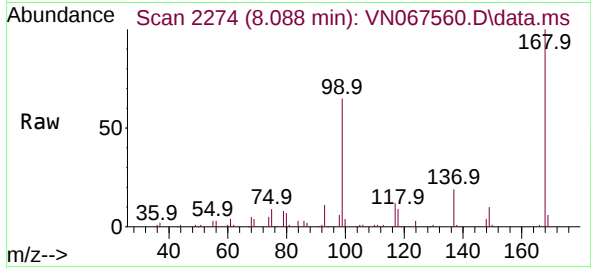




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

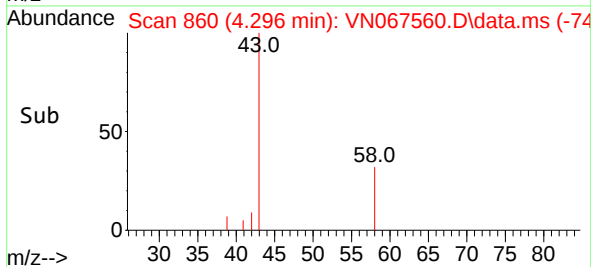
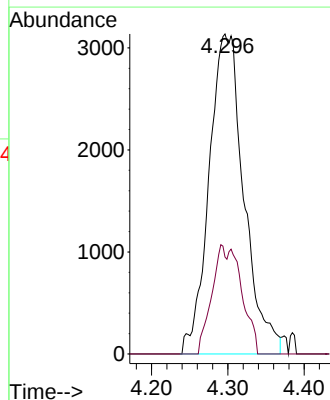
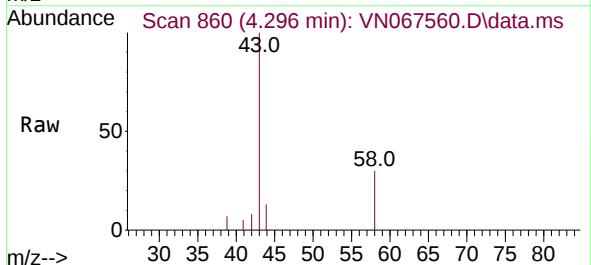
Instrument :
MSVOA_N
ClientSampleId :
ASHRE

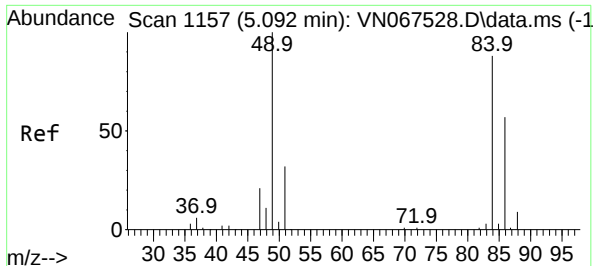
Tgt Ion:168 Resp: 173637
Ion Ratio Lower Upper
168 100
99 64.7 62.9 94.3



#16
Acetone
Concen: 12.699 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

Tgt Ion: 43 Resp: 9954
Ion Ratio Lower Upper
43 100
58 30.3 21.2 31.8





#20

Methylene Chloride

Concen: 5.779 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN067560.D

Acq: 29 Jun 2021 18:05

Tgt Ion: 84 Resp: 12259

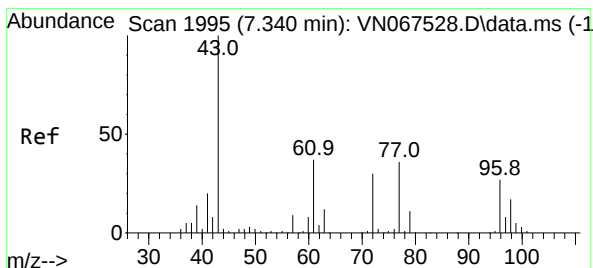
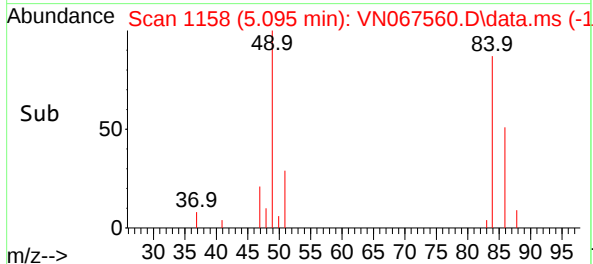
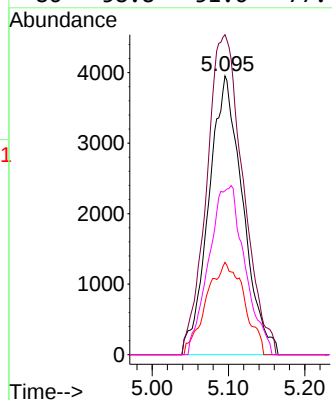
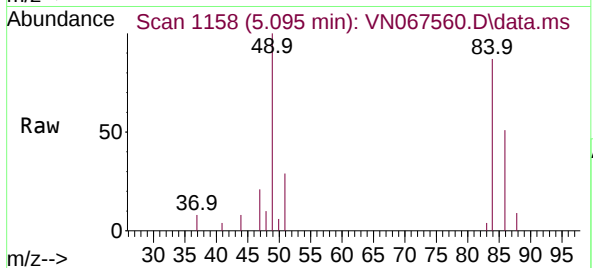
Ion Ratio Lower Upper

84 100

49 114.8 110.9 166.3

51 33.1 32.6 49.0

86 58.8 51.6 77.4



#25

2-Butanone

Concen: 3.653 ug/l

RT: 7.354 min Scan# 2000

Delta R.T. 0.014 min

Lab File: VN067560.D

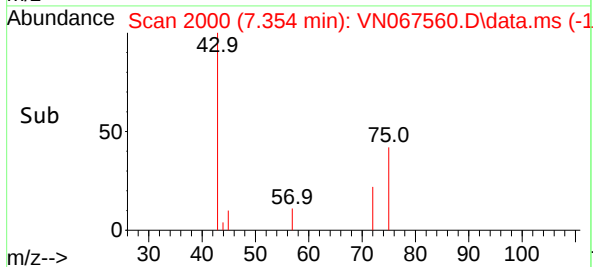
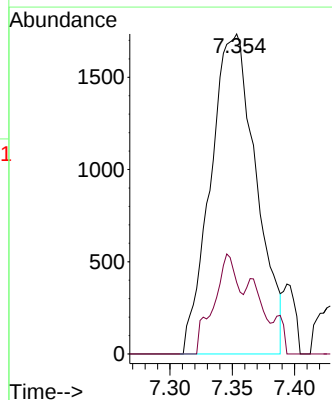
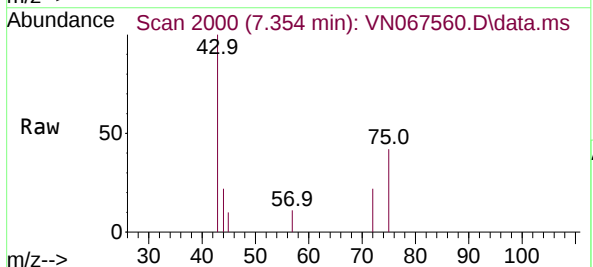
Acq: 29 Jun 2021 18:05

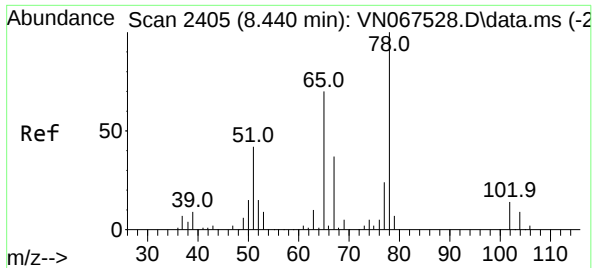
Tgt Ion: 43 Resp: 4416

Ion Ratio Lower Upper

43 100

72 22.4 19.7 29.5



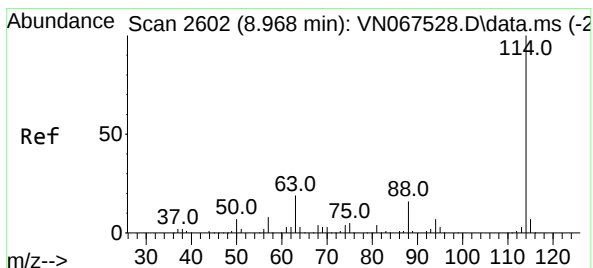
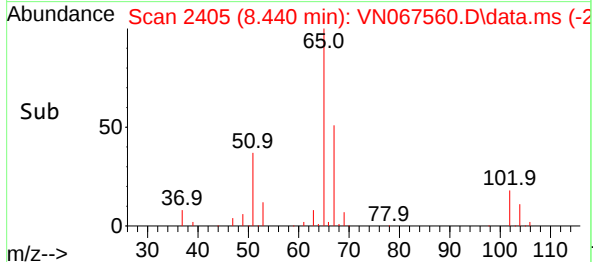
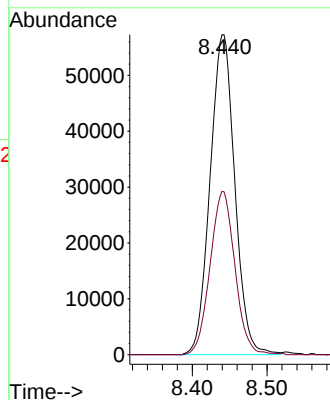
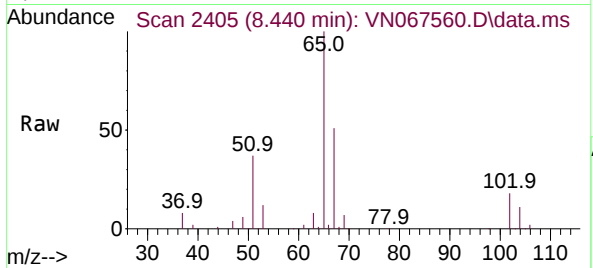


#33

1,2-Dichloroethane-d4
Concen: 55.344 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

Instrument :
MSVOA_N
ClientSampleId :
ASHRE

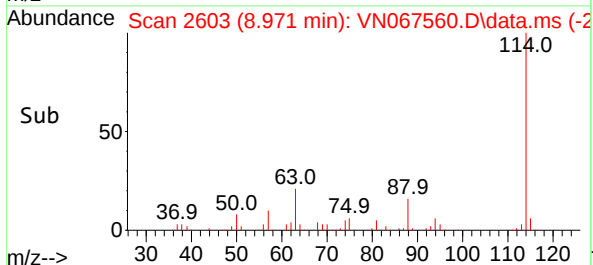
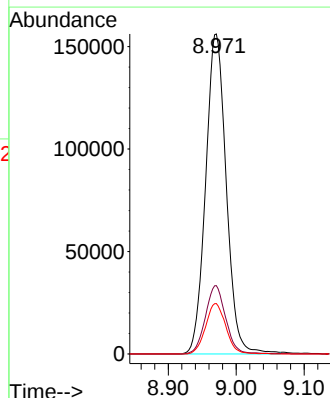
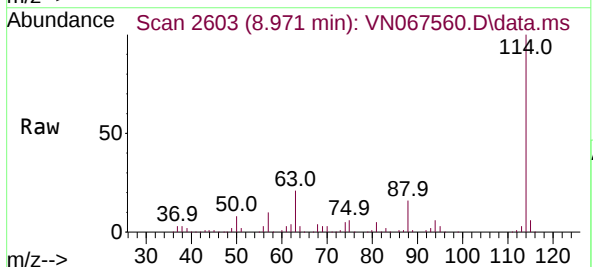
Tgt Ion: 65 Resp: 131518
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6

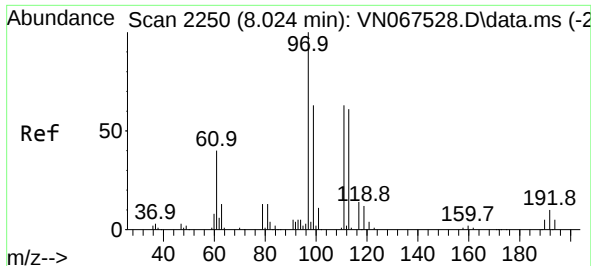


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

Tgt Ion: 114 Resp: 329635
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 15.7 0.0 36.6

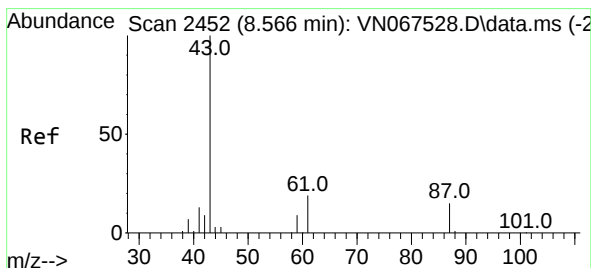
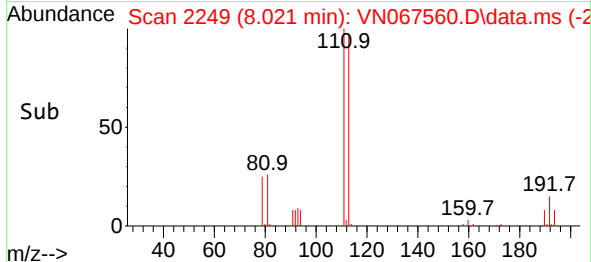
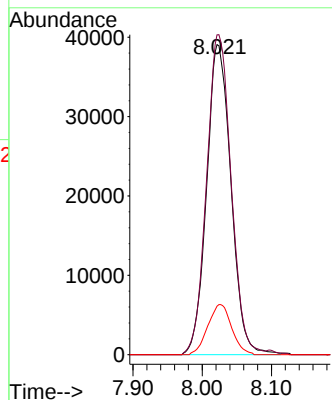
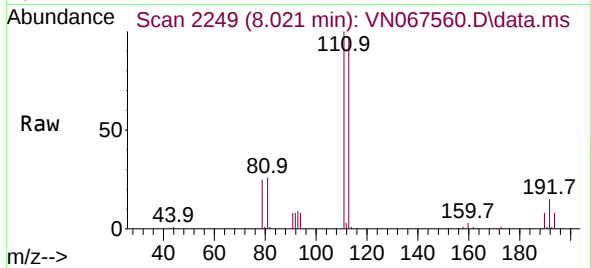




#35
Dibromofluoromethane
Concen: 46.784 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

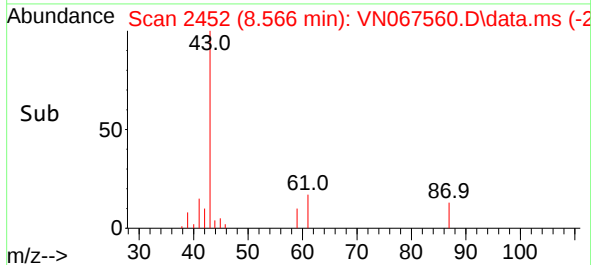
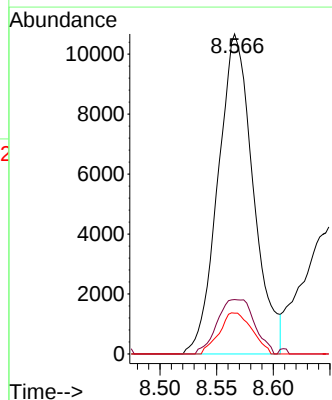
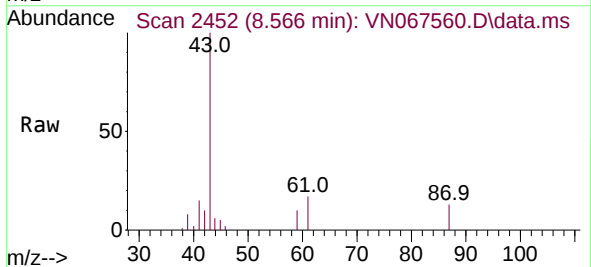
Instrument :
MSVOA_N
ClientSampleId :
ASHRE

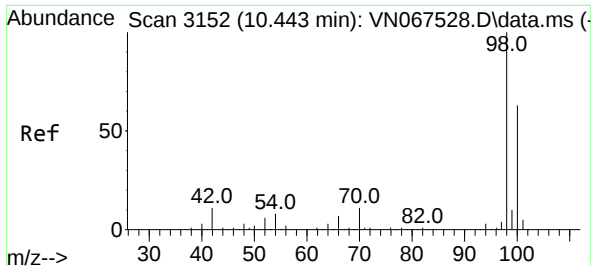
Tgt Ion:113 Resp: 95614
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.8
192 15.9 13.4 20.0



#43
Isopropyl Acetate
Concen: 4.940 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

Tgt Ion: 43 Resp: 23058
Ion Ratio Lower Upper
43 100
61 18.0 19.0 28.4#
87 11.9 9.5 14.3

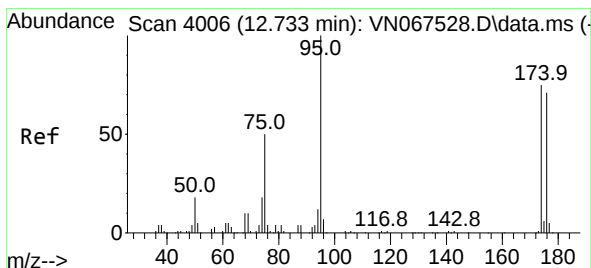
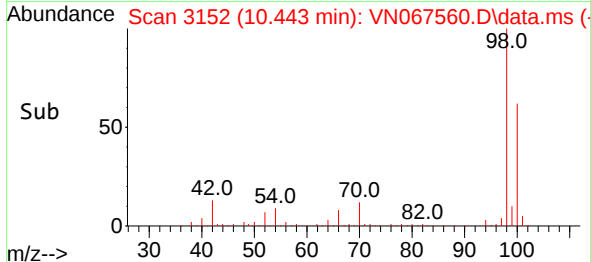
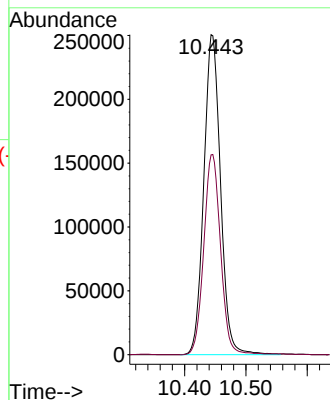
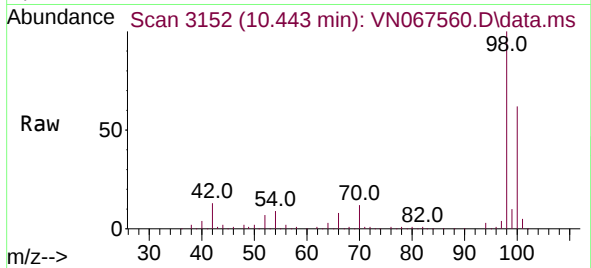




#50
Toluene-d8
Concen: 57.280 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

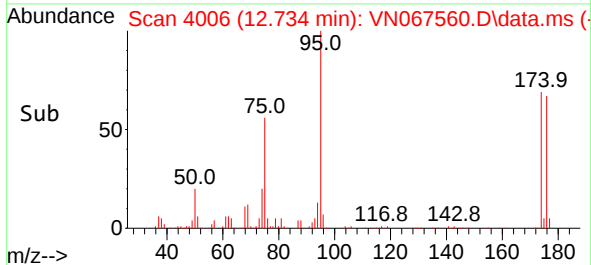
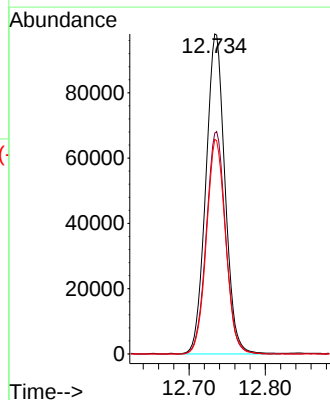
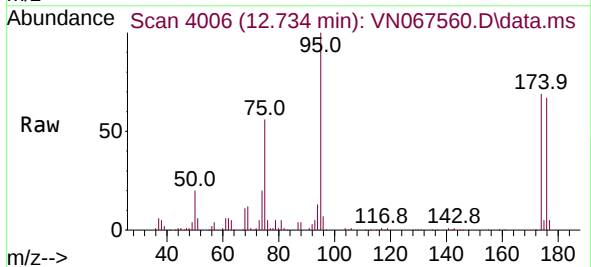
Instrument :
MSVOA_N
ClientSampled :
ASHRE

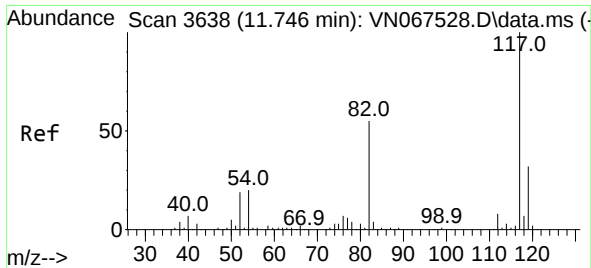
Tgt Ion: 98 Resp: 475543
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 58.911 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

Tgt Ion: 95 Resp: 170837
Ion Ratio Lower Upper
95 100
174 70.0 0.0 122.0
176 66.9 0.0 117.6

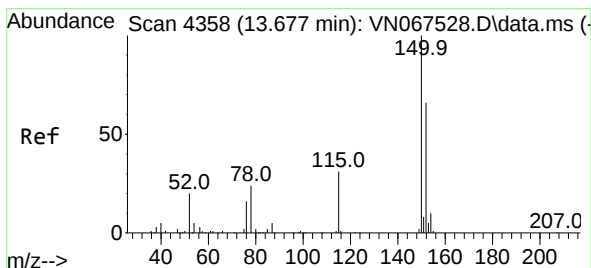
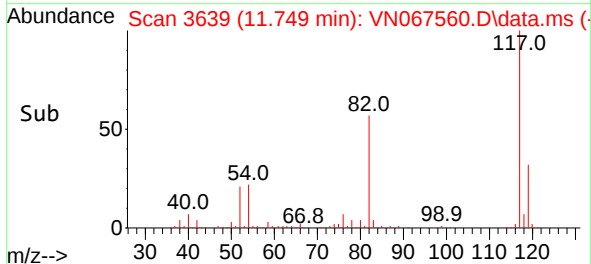
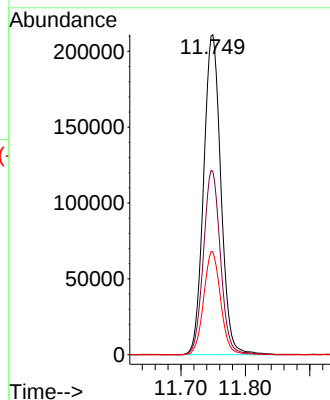
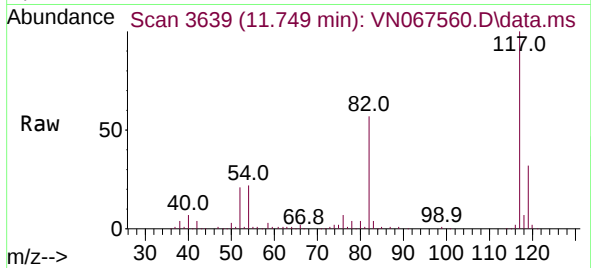




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

Instrument :
MSVOA_N
ClientSampleId :
ASHRE

Tgt Ion:117 Resp: 392592
Ion Ratio Lower Upper
117 100
82 57.2 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. 0.001 min
Lab File: VN067560.D
Acq: 29 Jun 2021 18:05

Tgt Ion:152 Resp: 142194
Ion Ratio Lower Upper
152 100
115 64.5 36.1 108.5
150 159.2 0.0 351.8

