

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067232.D
 Acq On : 5 Jun 2021 16:02
 Operator : JC/MD
 Sample : M2589-35
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 18-B11(2-4)

Quant Time: Jun 07 01:16:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

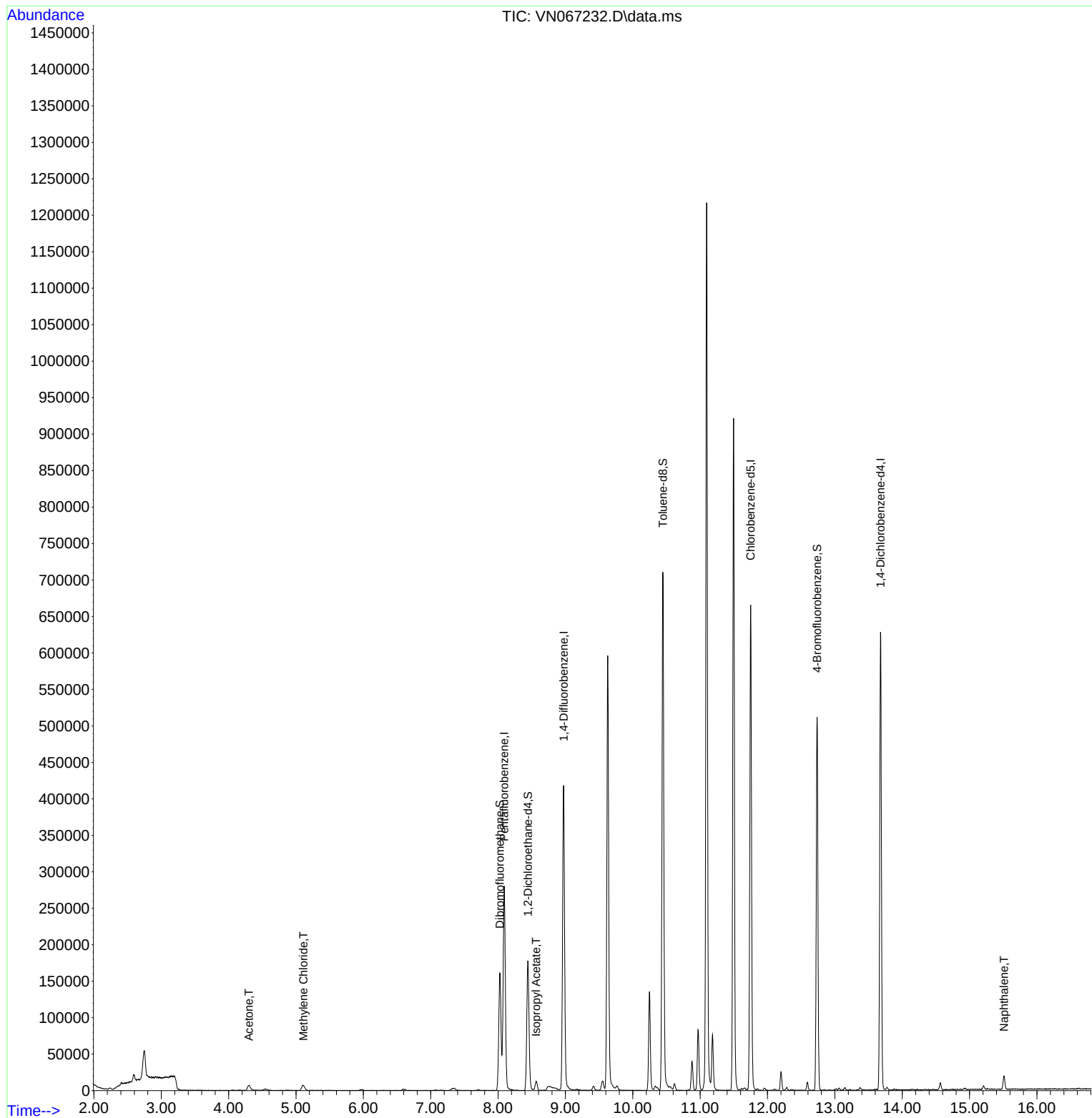
Internal Standards						
1) Pentafluorobenzene	8.091	168	217715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	382360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	379827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	164118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	141234	47.590	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.180%
35) Dibromofluoromethane	8.027	113	115717	48.818	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.640%
50) Toluene-d8	10.446	98	500925	51.889	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.736	95	164360	44.206	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.420%
Target Compounds						
16) Acetone	4.299	43	13991	13.663	ug/l	97
20) Methylene Chloride	5.109	84	5848	2.268	ug/l #	93
43) Isopropyl Acetate	8.566	43	15551	2.402	ug/l #	82
95) Naphthalene	15.512	128	17424	6.601	ug/l	98

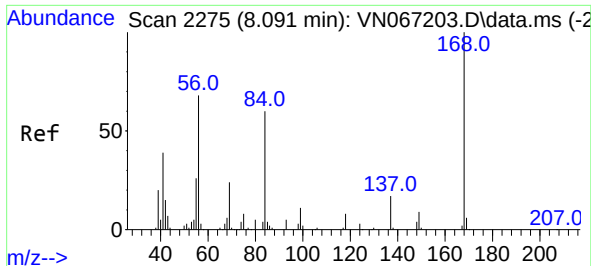
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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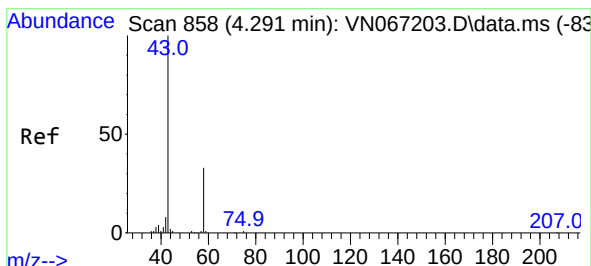
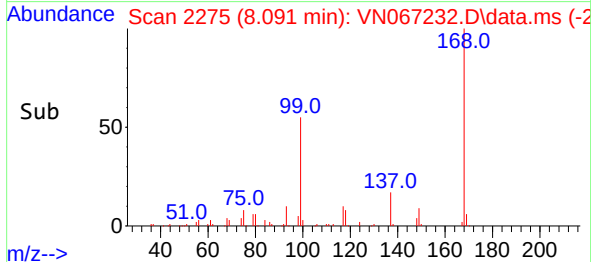
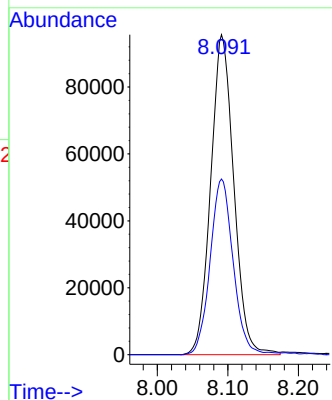
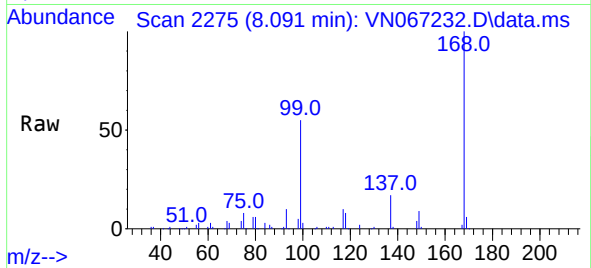




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

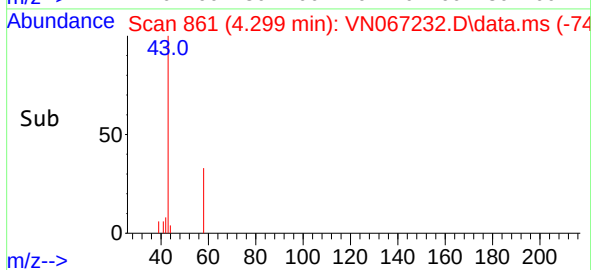
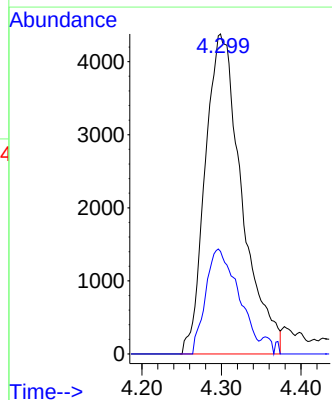
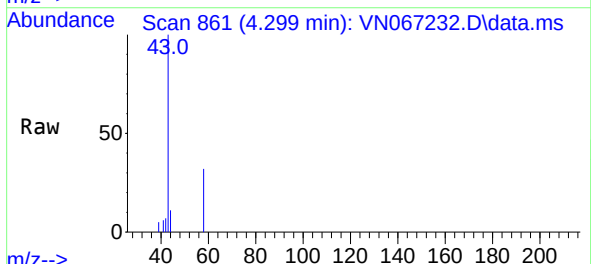
Instrument :
MSVOA_N
ClientSampled :
18-B11(2-4)

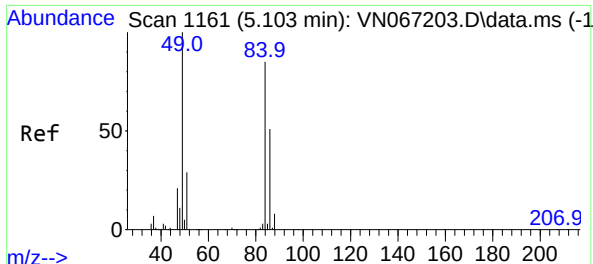
Tgt Ion:168 Resp: 217715
Ion Ratio Lower Upper
168 100
99 54.9 38.5 57.7



#16
Acetone
Concen: 13.663 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

Tgt Ion: 43 Resp: 13991
Ion Ratio Lower Upper
43 100
58 32.1 27.2 40.8





#20

Methylene Chloride

Concen: 2.268 ug/l

RT: 5.109 min Scan# 1163

Delta R.T. 0.005 min

Lab File: VN067232.D

Acq: 5 Jun 2021 16:02

Instrument :

MSVOA_N

ClientSampleId :

18-B11(2-4)

Tgt Ion: 84 Resp: 5848

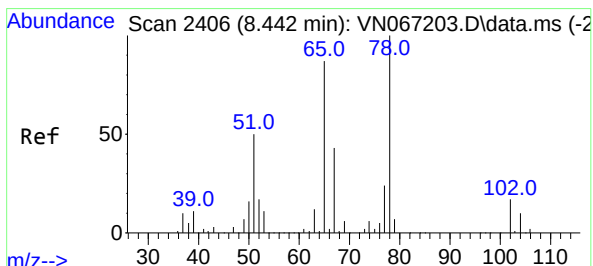
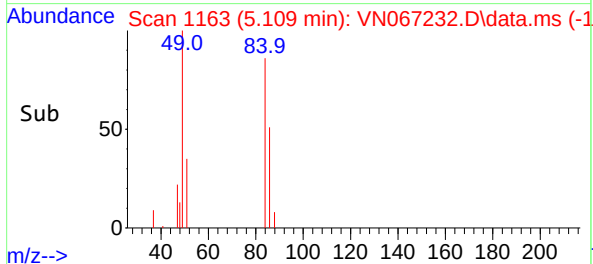
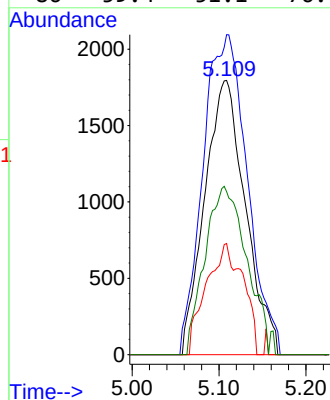
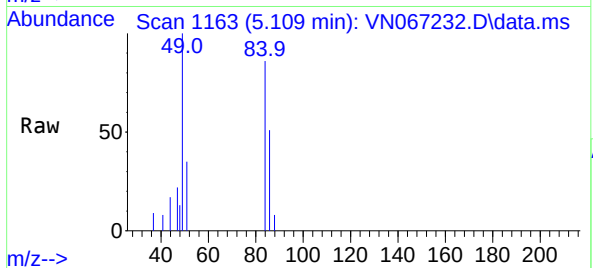
Ion Ratio Lower Upper

84 100

49 116.7 88.3 132.5

51 40.6 26.7 40.1#

86 59.4 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 47.590 ug/l

RT: 8.442 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VN067232.D

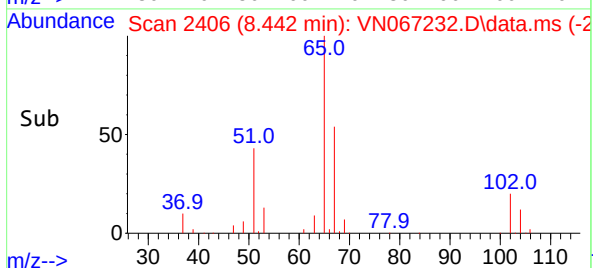
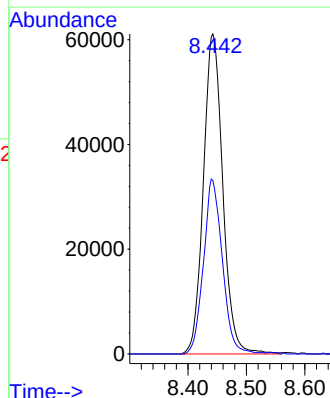
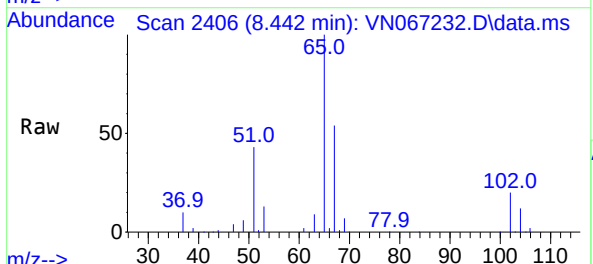
Acq: 5 Jun 2021 16:02

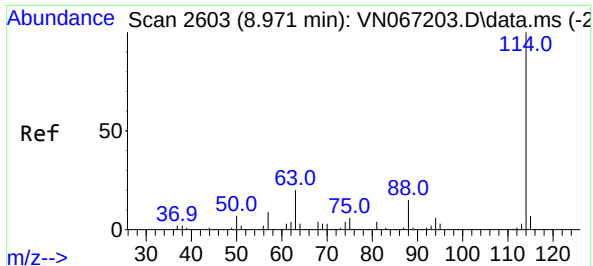
Tgt Ion: 65 Resp: 141234

Ion Ratio Lower Upper

65 100

67 52.9 0.0 110.4



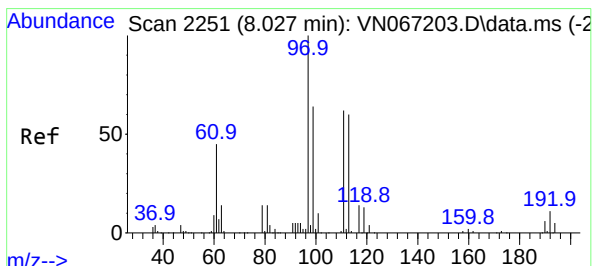
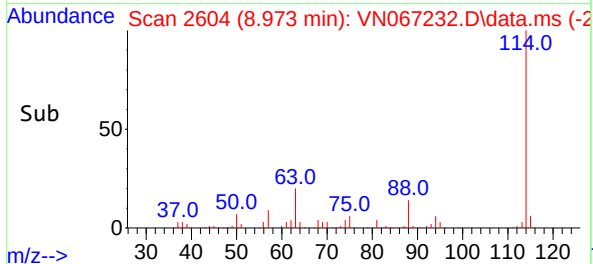
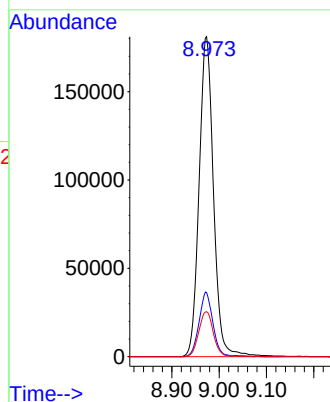
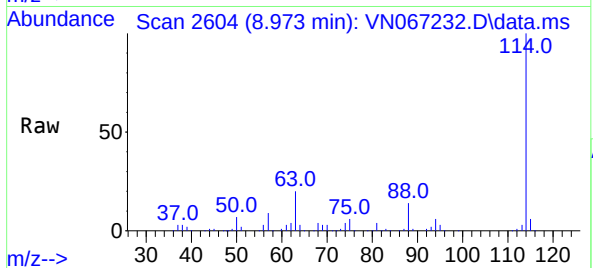


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.003 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

Instrument :
MSVOA_N
ClientSampleId :
18-B11(2-4)

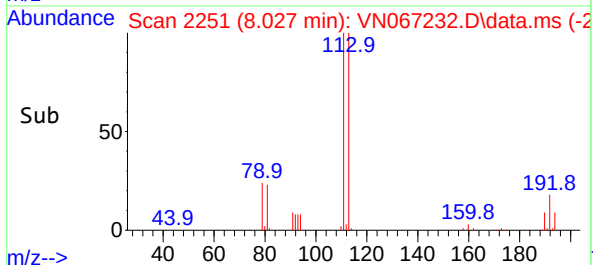
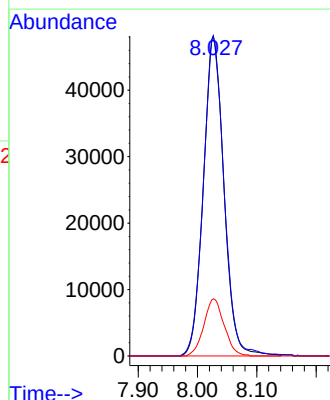
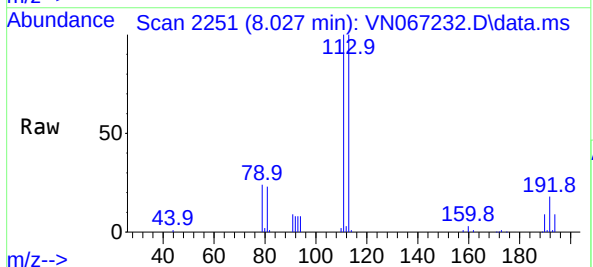
Tgt Ion:114 Resp: 382360
Ion Ratio Lower Upper
114 100
63 20.1 0.0 35.8
88 14.0 0.0 30.4

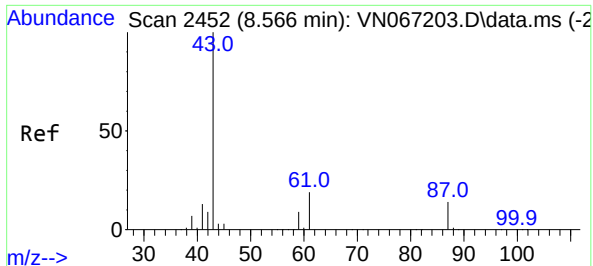


#35

Dibromofluoromethane
Concen: 48.818 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

Tgt Ion:113 Resp: 115717
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 17.7 18.2 27.4#

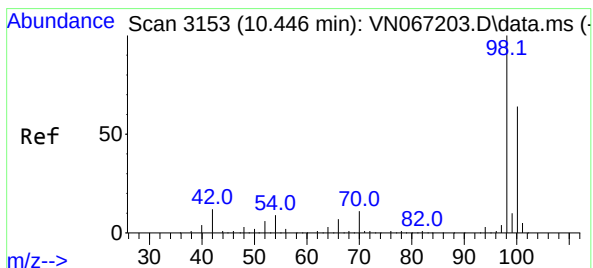
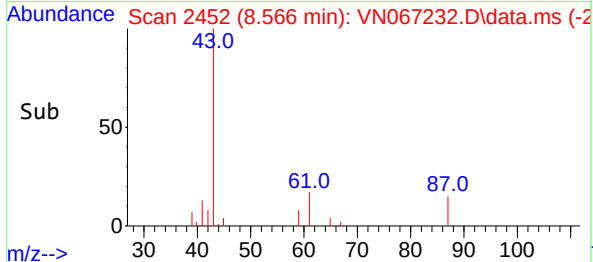
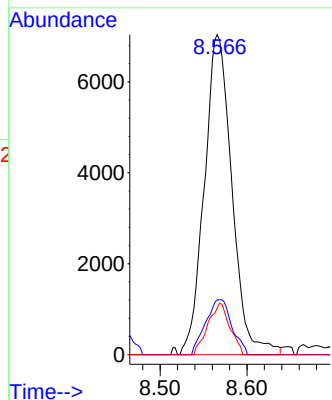
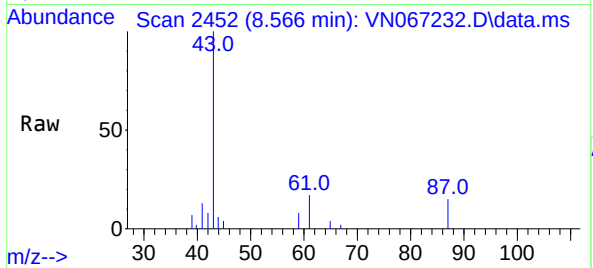




#43
Isopropyl Acetate
Concen: 2.402 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.000 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

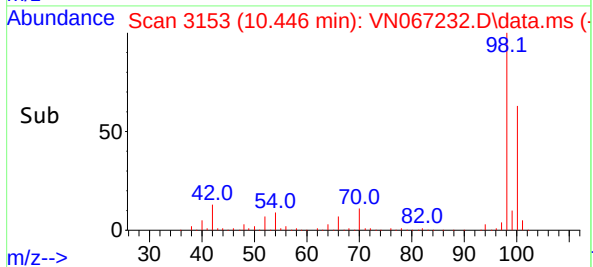
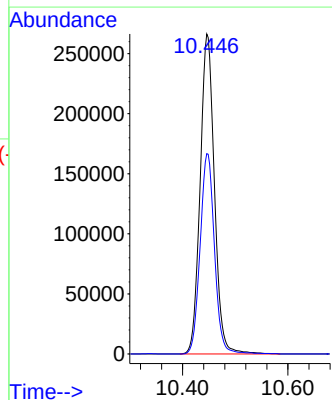
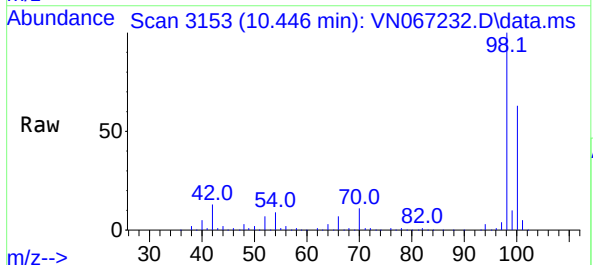
Instrument :
MSVOA_N
ClientSampleId :
18-B11(2-4)

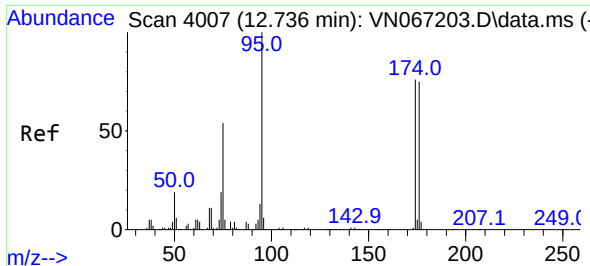
Tgt Ion: 43 Resp: 15551
Ion Ratio Lower Upper
43 100
61 16.3 23.4 35.0#
87 12.8 12.2 18.2



#50
Toluene-d8
Concen: 51.889 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

Tgt Ion: 98 Resp: 500925
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.8

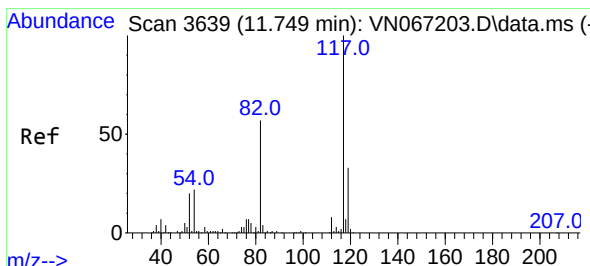
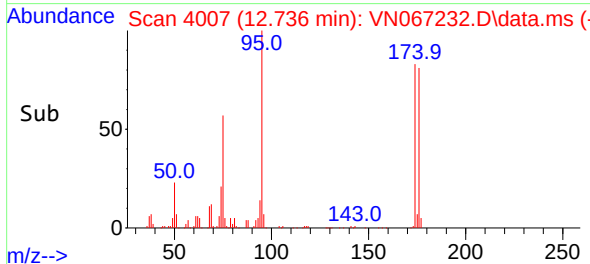
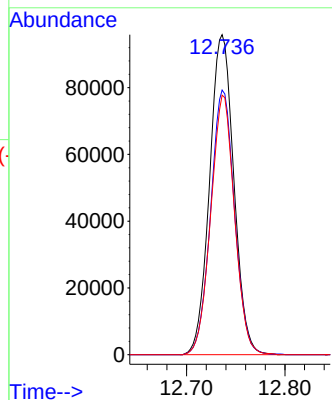
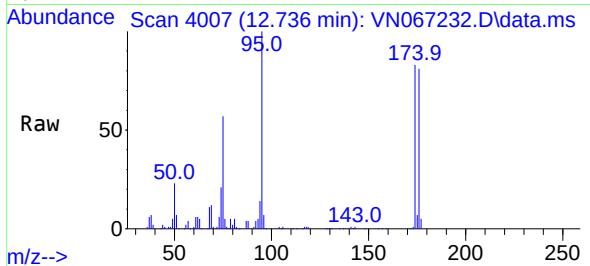




#62
4-Bromofluorobenzene
Concen: 44.206 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.000 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

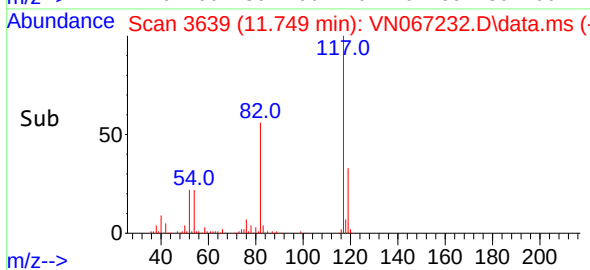
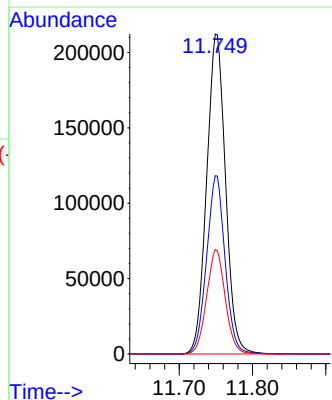
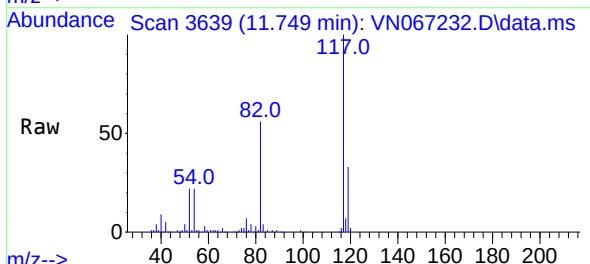
Instrument :
MSVOA_N
ClientSampleId :
18-B11(2-4)

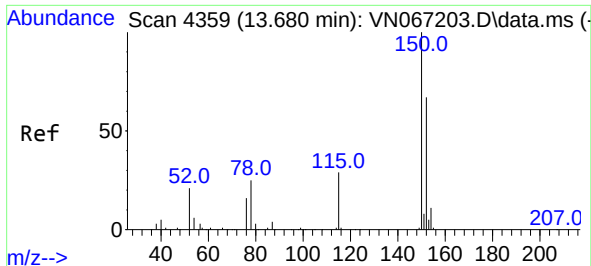
Tgt Ion: 95 Resp: 164360
Ion Ratio Lower Upper
95 100
174 81.7 0.0 182.8
176 79.4 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

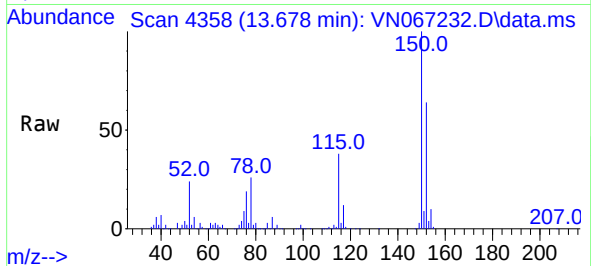
Tgt Ion: 117 Resp: 379827
Ion Ratio Lower Upper
117 100
82 55.7 42.2 63.2
119 32.6 25.8 38.6



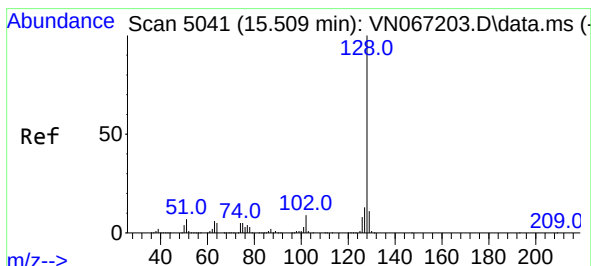
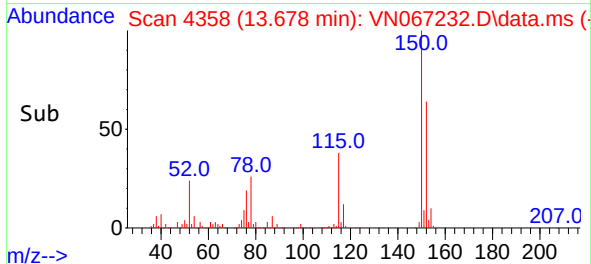
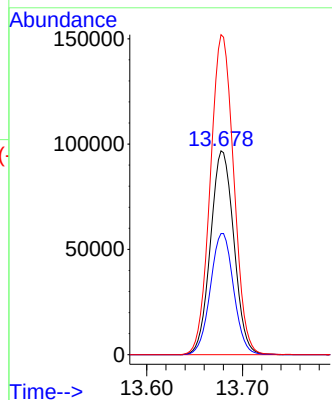


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02

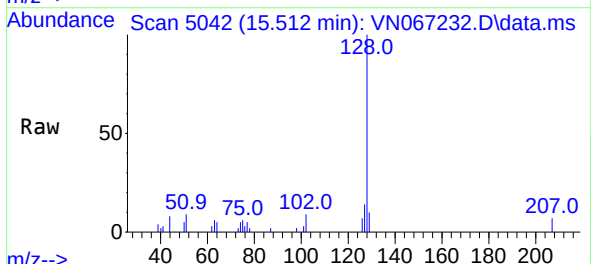
Instrument :
MSVOA_N
ClientSampled :
18-B11(2-4)



Tgt Ion:152 Resp: 164118
Ion Ratio Lower Upper
152 100
115 59.1 27.0 80.8
150 157.5 0.0 350.2



#95
Naphthalene
Concen: 6.601 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067232.D
Acq: 5 Jun 2021 16:02



Tgt Ion:128 Resp: 17424
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 10.8 8.6 13.0

