

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068114.D
 Acq On : 16 Aug 2021 14:34
 Operator : JC/MD
 Sample : PB138399ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#03

Quant Time: Aug 17 07:12:26 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)

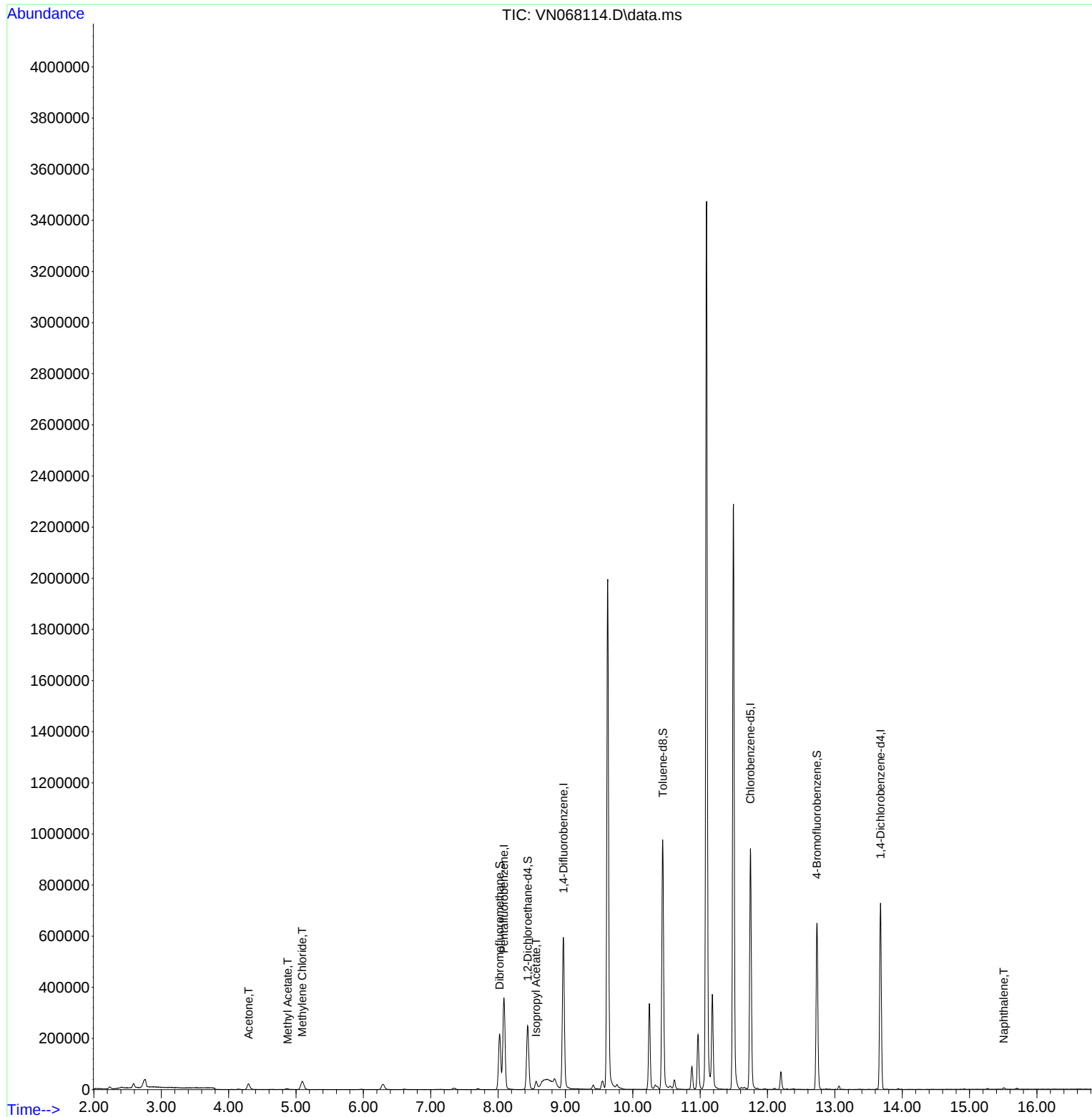
Internal Standards						
1) Pentafluorobenzene	8.086	168	252419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	510041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	537169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	185490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	213041	59.618	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.240%			
35) Dibromofluoromethane	8.024	113	156273	52.574	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.140%			
50) Toluene-d8	10.446	98	693729	50.526	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.733	95	234295	46.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.980%			
Target Compounds						Qvalue
16) Acetone	4.296	43	42707	32.755	ug/l	100
18) Methyl Acetate	4.875	43	6980	2.129	ug/l #	67
20) Methylene Chloride	5.093	84	25815	8.338	ug/l #	87
43) Isopropyl Acetate	8.566	43	39821	5.382	ug/l #	89
95) Naphthalene	15.507	128	6230	3.875	ug/l #	86

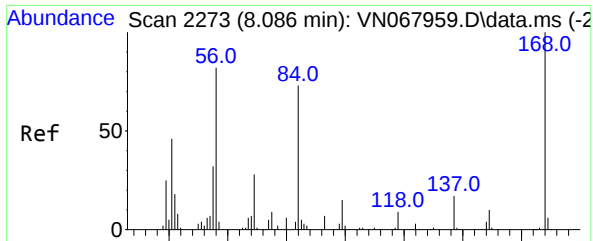
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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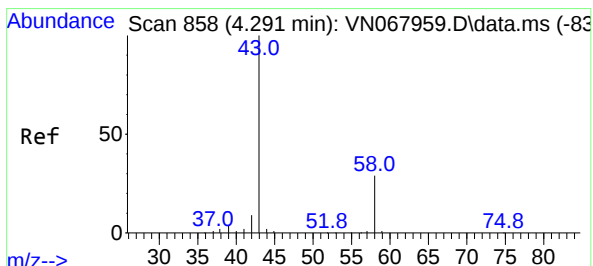
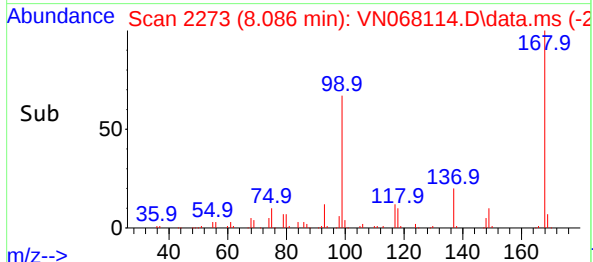
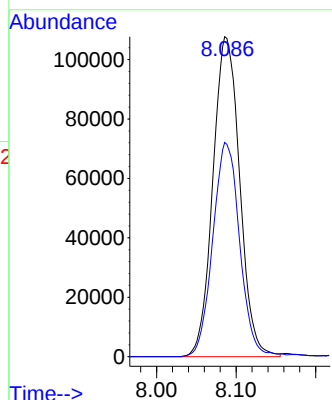
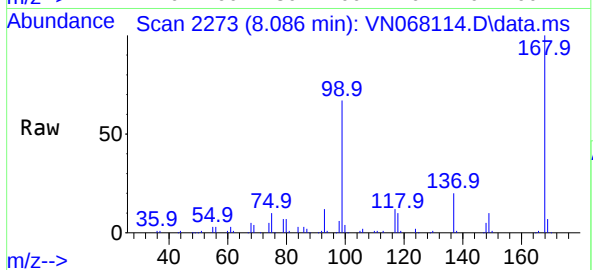




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

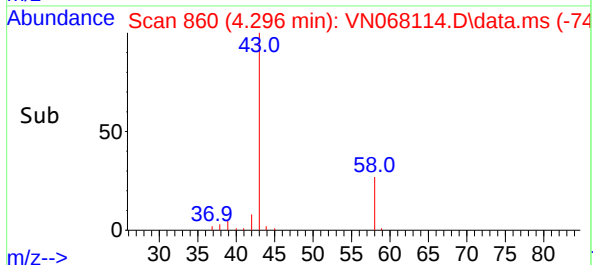
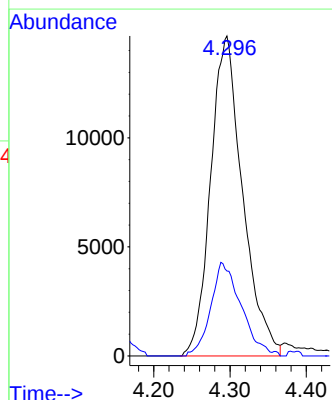
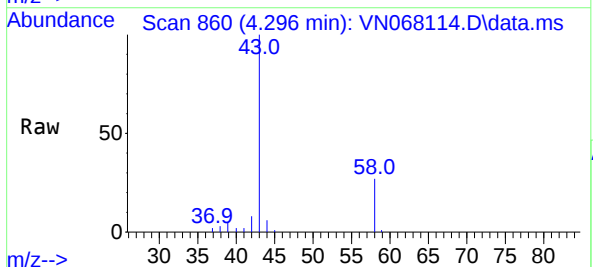
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#03

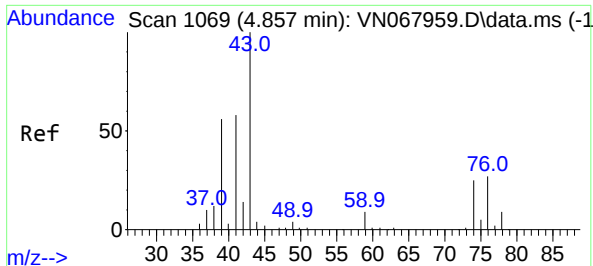
Tgt Ion:168 Resp: 252419
Ion Ratio Lower Upper
168 100
99 66.9 62.9 94.3



#16
Acetone
Concen: 32.755 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

Tgt Ion: 43 Resp: 42707
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8





#18

Methyl Acetate

Concen: 2.129 ug/l

RT: 4.875 min Scan# 1076

Delta R.T. 0.018 min

Lab File: VN068114.D

Acq: 16 Aug 2021 14:34

Tgt Ion: 43 Resp: 6980

Ion Ratio Lower Upper

43 100

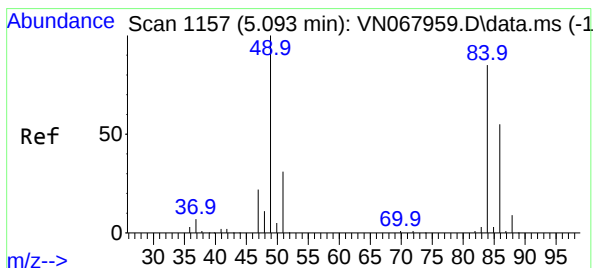
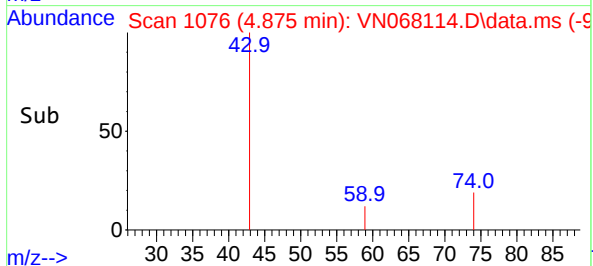
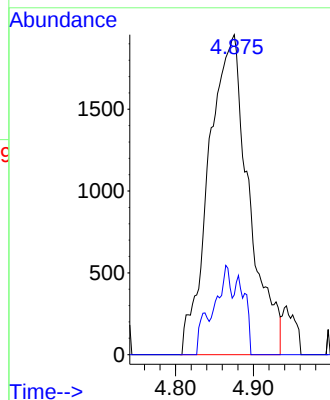
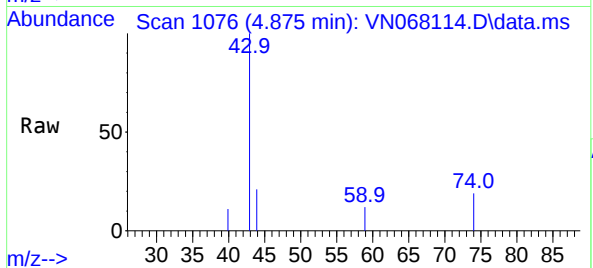
74 6.1 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

PB138399ZHE#03



#20

Methylene Chloride

Concen: 8.338 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VN068114.D

Acq: 16 Aug 2021 14:34

Tgt Ion: 84 Resp: 25815

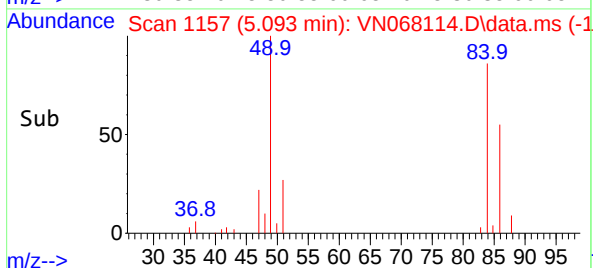
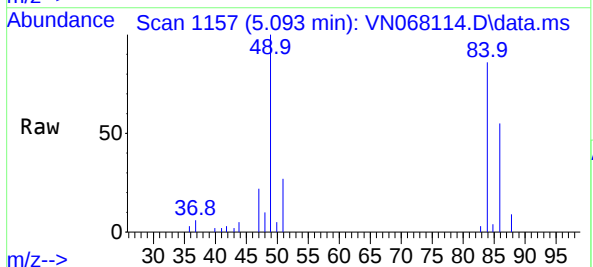
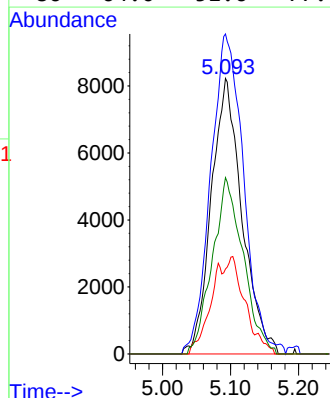
Ion Ratio Lower Upper

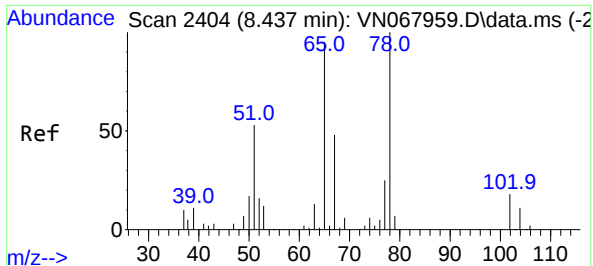
84 100

49 116.2 110.9 166.3

51 30.9 32.6 49.0#

86 64.0 51.6 77.4



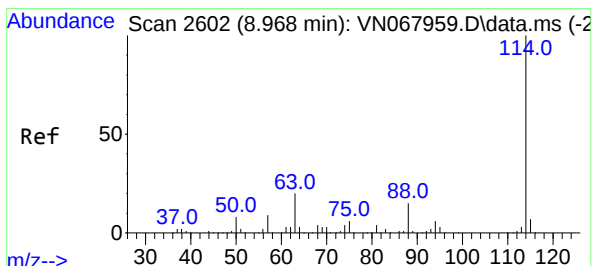
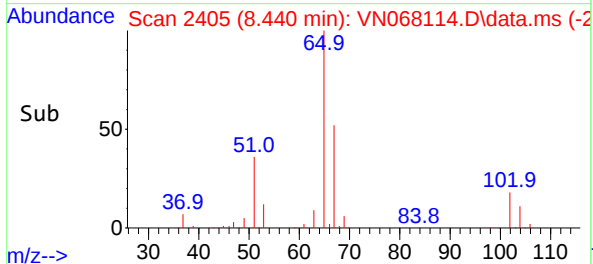
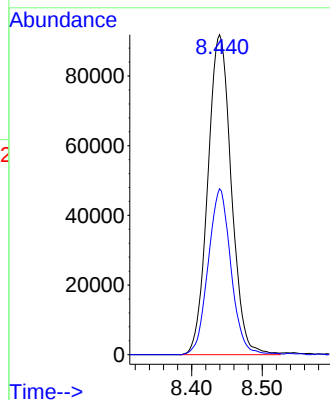
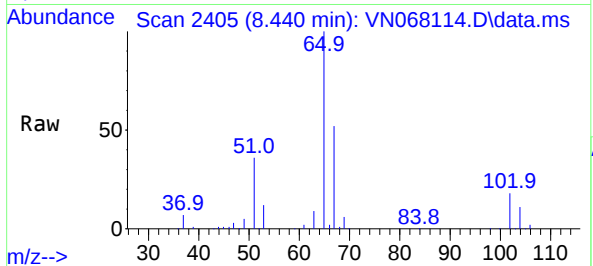


#33

1,2-Dichloroethane-d4
Concen: 59.618 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#03

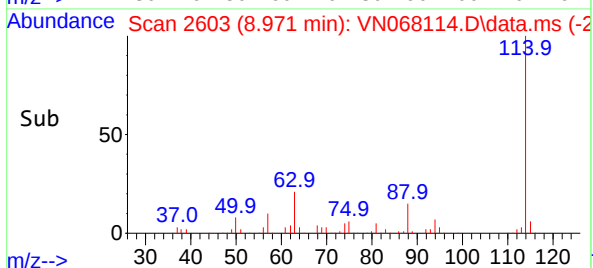
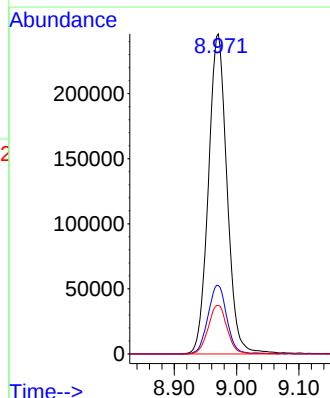
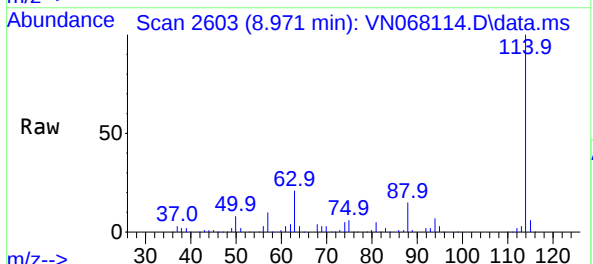
Tgt Ion: 65 Resp: 213041
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.6

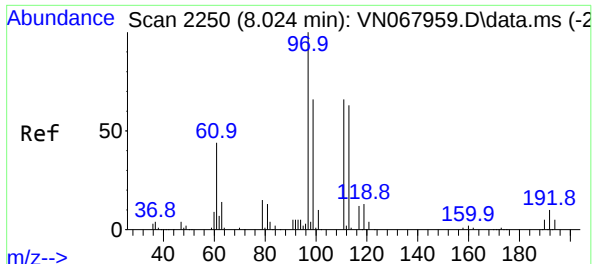


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

Tgt Ion: 114 Resp: 510041
Ion Ratio Lower Upper
114 100
63 21.4 0.0 49.0
88 15.2 0.0 36.6



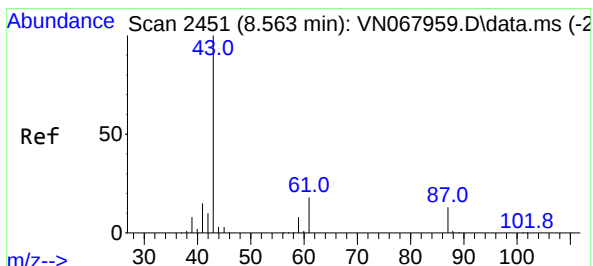
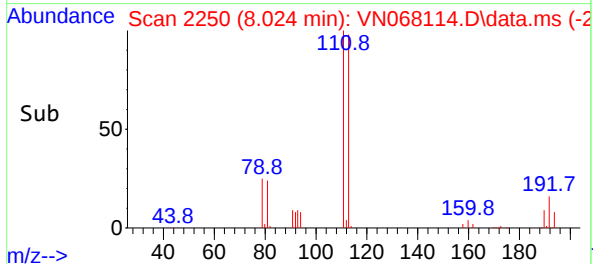
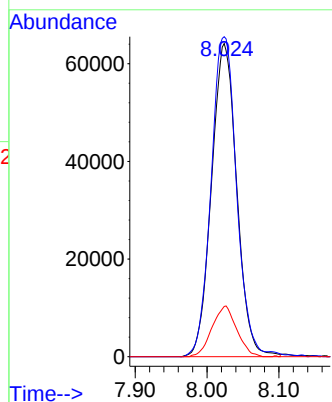
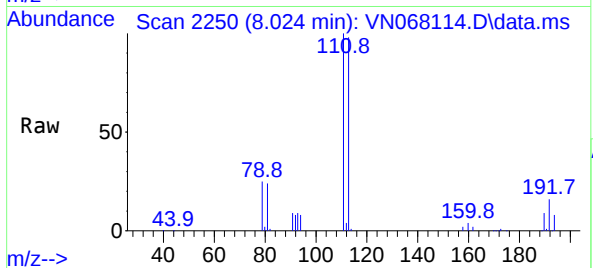


#35
 Dibromofluoromethane
 Concen: 52.574 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. -0.000 min
 Lab File: VN068114.D
 Acq: 16 Aug 2021 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#03

Tgt Ion:113 Resp: 156273

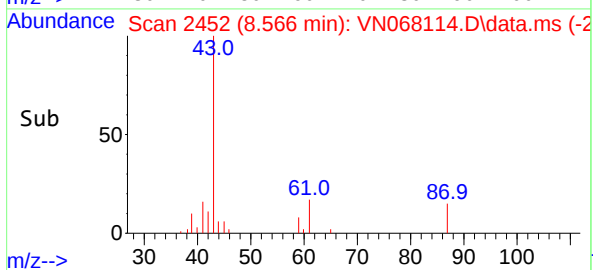
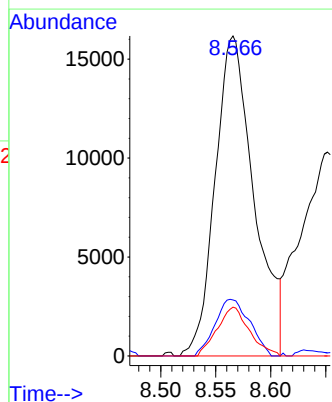
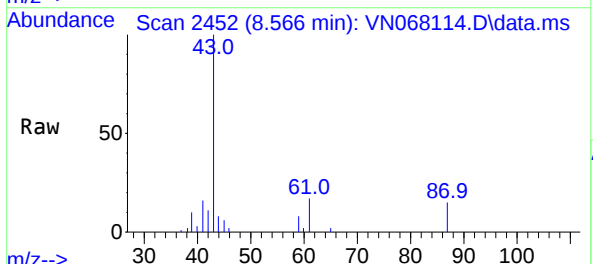
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.8
192	15.9	13.4	20.0

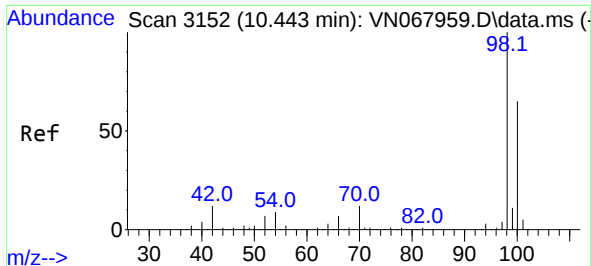


#43
 Isopropyl Acetate
 Concen: 5.382 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.003 min
 Lab File: VN068114.D
 Acq: 16 Aug 2021 14:34

Tgt Ion: 43 Resp: 39821

Ion	Ratio	Lower	Upper
43	100		
61	15.8	19.0	28.4#
87	12.6	9.5	14.3

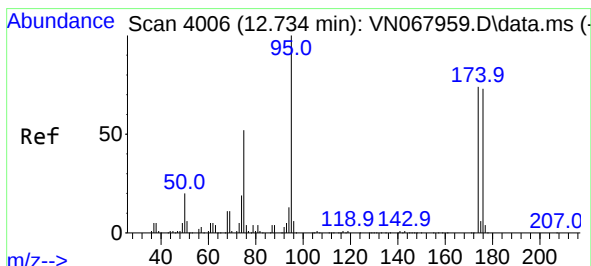
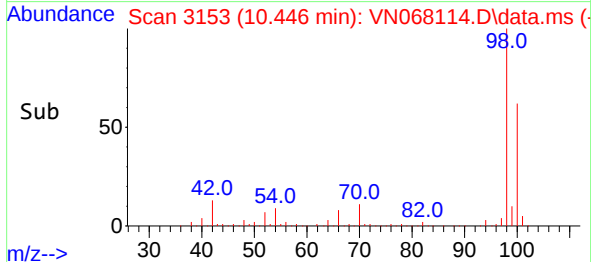
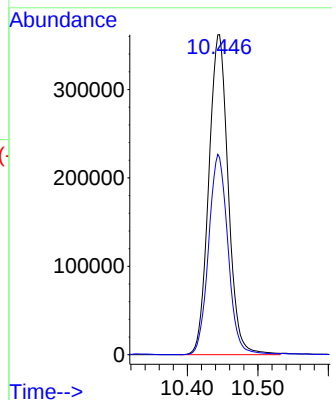
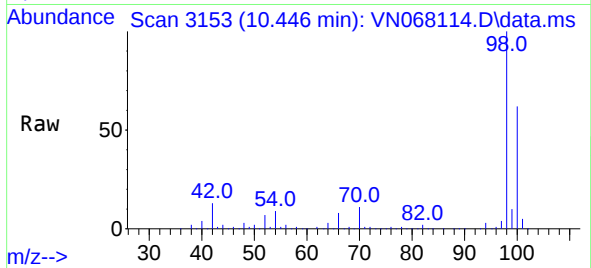




#50
Toluene-d8
Concen: 50.526 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

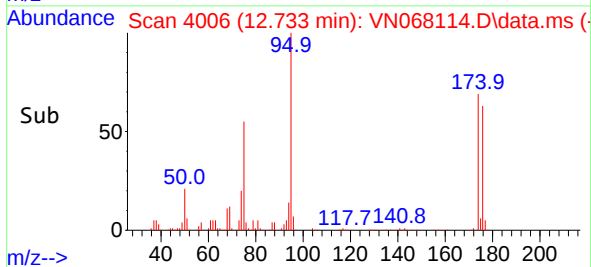
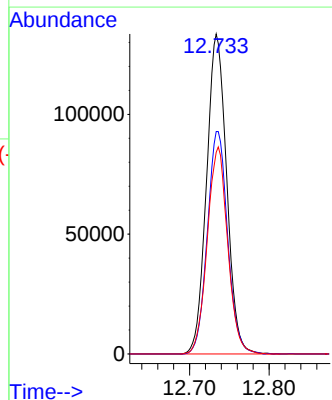
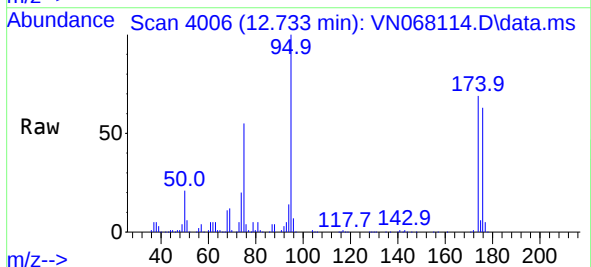
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#03

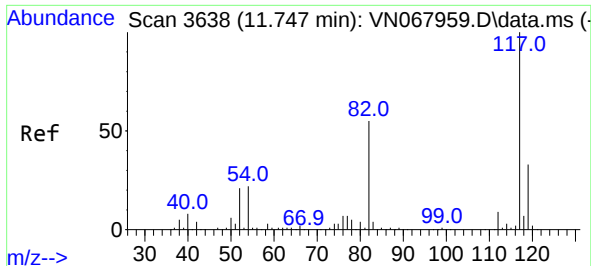
Tgt Ion: 98 Resp: 693729
Ion Ratio Lower Upper
98 100
100 62.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.994 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

Tgt Ion: 95 Resp: 234295
Ion Ratio Lower Upper
95 100
174 70.2 0.0 122.0
176 65.7 0.0 117.6

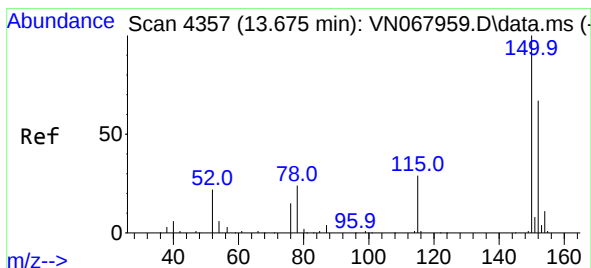
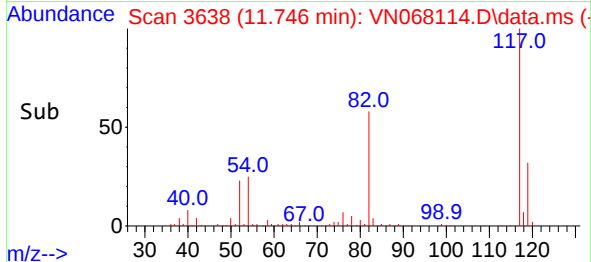
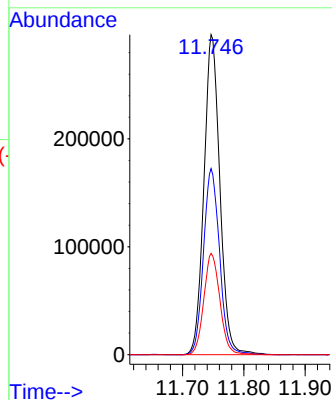
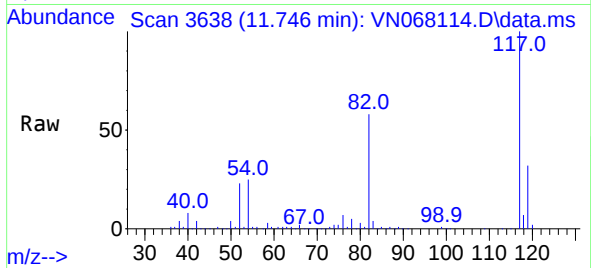




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

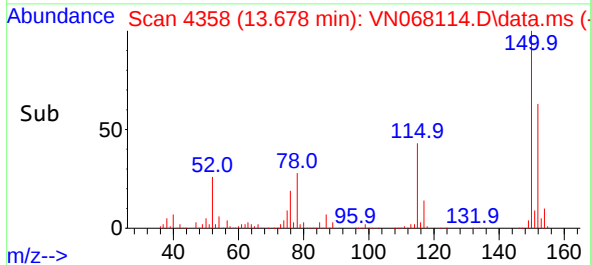
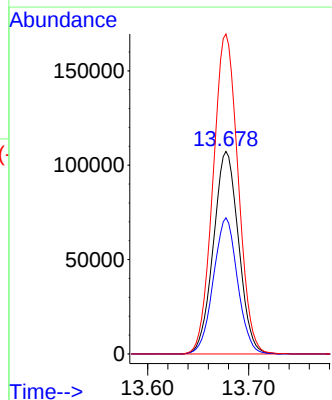
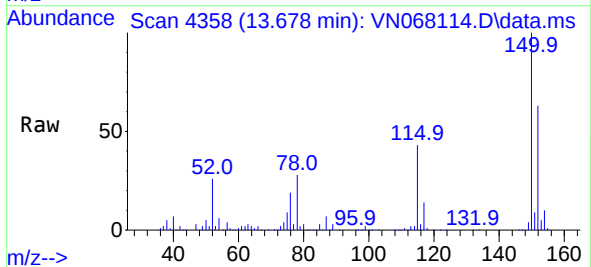
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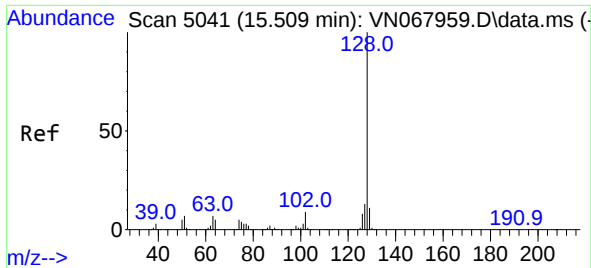
Tgt Ion:117 Resp: 537169
Ion Ratio Lower Upper
117 100
82 58.1 53.1 79.7
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

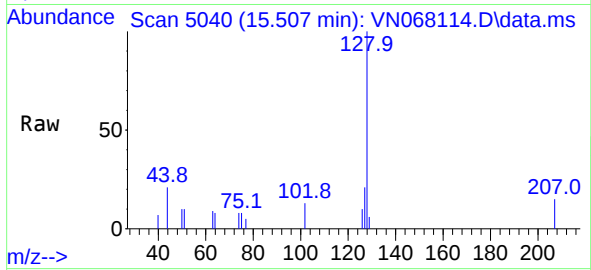
Tgt Ion:152 Resp: 185490
Ion Ratio Lower Upper
152 100
115 64.8 36.1 108.5
150 157.7 0.0 351.8





#95
Naphthalene
Concen: 3.875 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068114.D
Acq: 16 Aug 2021 14:34

Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#03



Tgt Ion:	128	Resp:	6230
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	1.5	8.6	12.8#

