

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068115.D
 Acq On : 16 Aug 2021 14:58
 Operator : JC/MD
 Sample : PB138399ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#04

Quant Time: Aug 17 07:12:49 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)

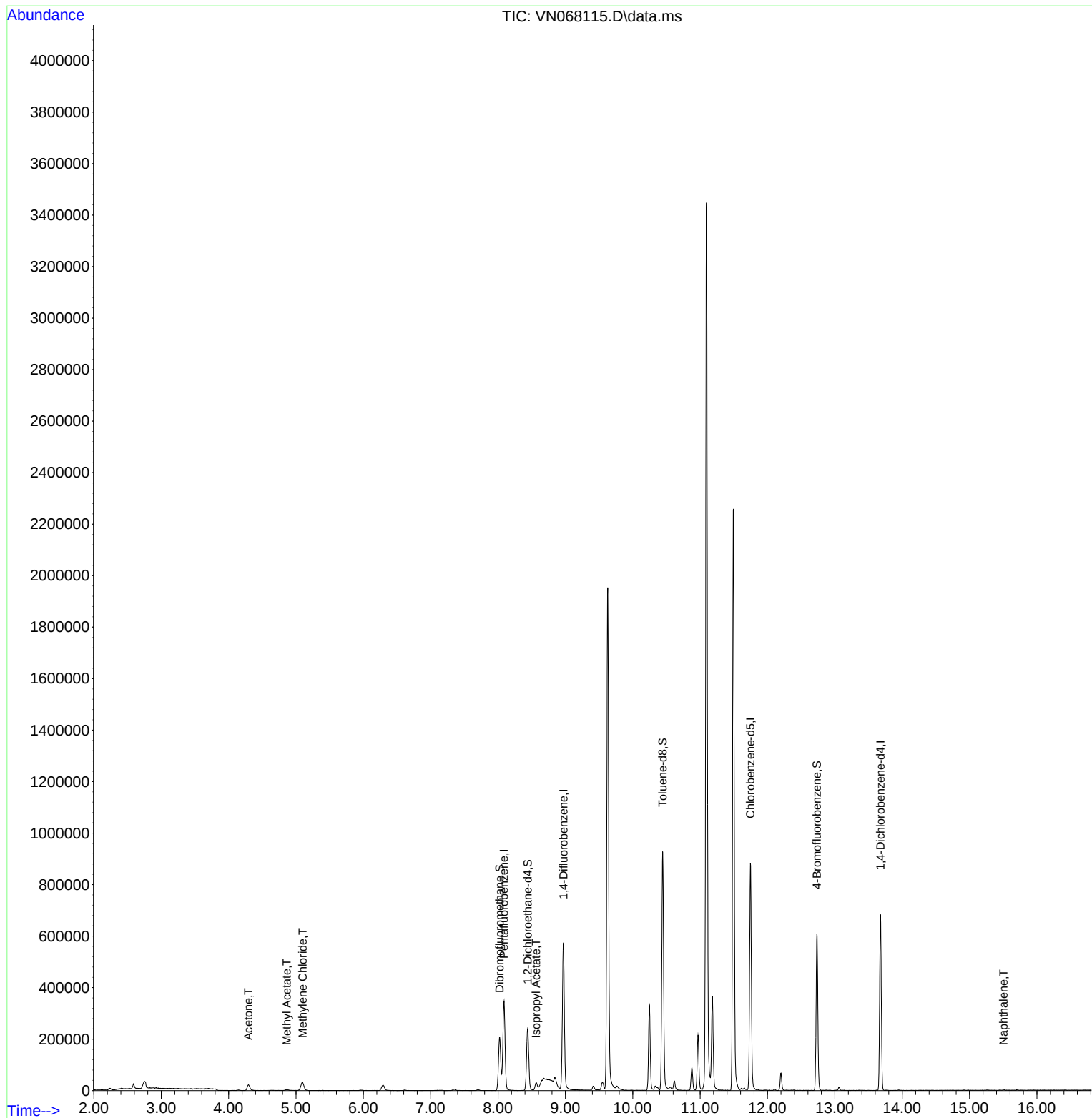
Internal Standards						
1) Pentafluorobenzene	8.086	168	240009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	484037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	508187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	174130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	203467	59.883	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	119.760%
35) Dibromofluoromethane	8.024	113	149694	53.066	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.140%
50) Toluene-d8	10.443	98	654120	50.226	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.733	95	213246	45.273	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.540%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	41348	33.352	ug/l #	89
18) Methyl Acetate	4.865	43	7777m	2.512	ug/l	
20) Methylene Chloride	5.098	84	25368	8.626	ug/l	88
43) Isopropyl Acetate	8.566	43	37983	5.409	ug/l #	89
95) Naphthalene	15.504	128	3032	3.512	ug/l #	88

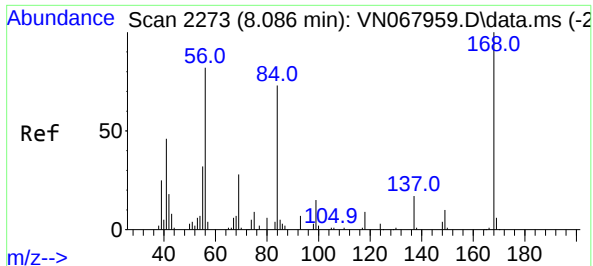
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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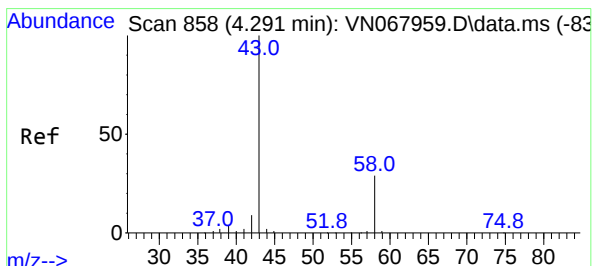
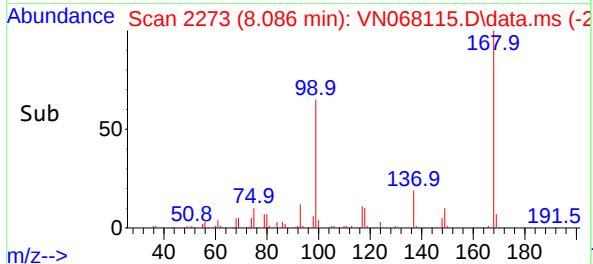
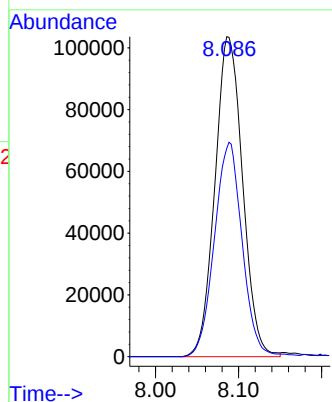
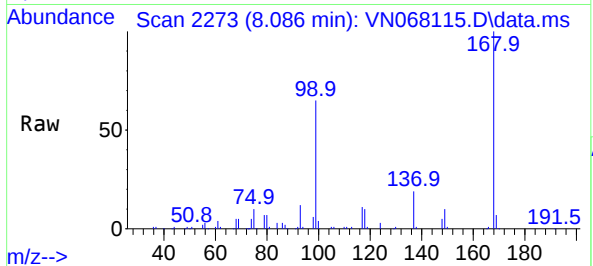




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

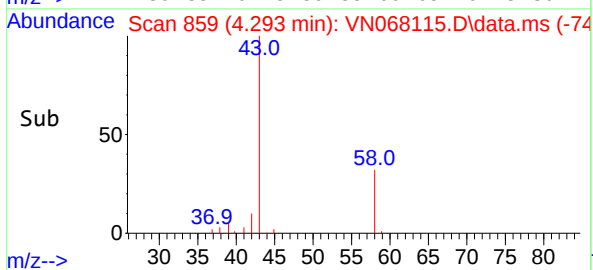
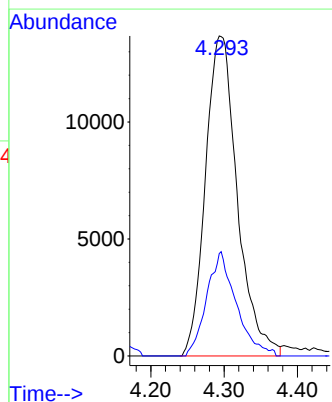
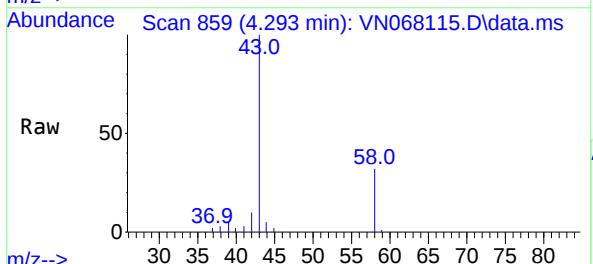
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#04

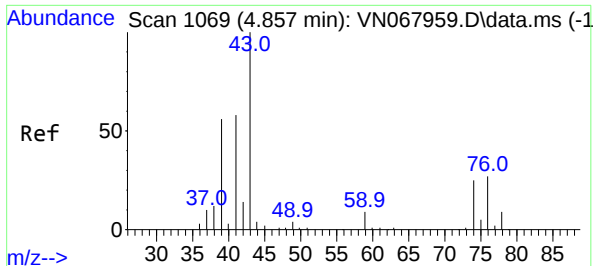
Tgt Ion:168 Resp: 240009
Ion Ratio Lower Upper
168 100
99 65.1 62.9 94.3



#16
Acetone
Concen: 33.352 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

Tgt Ion: 43 Resp: 41348
Ion Ratio Lower Upper
43 100
58 32.0 21.2 31.8#

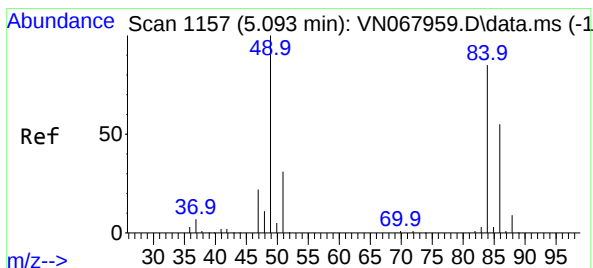
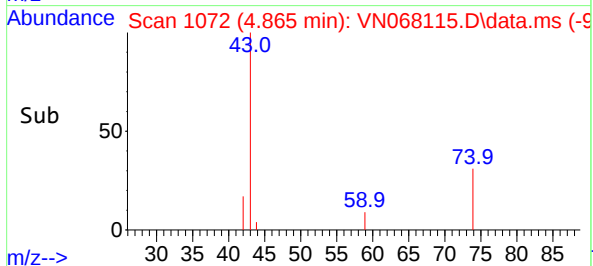
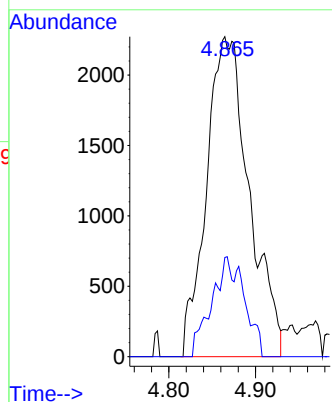
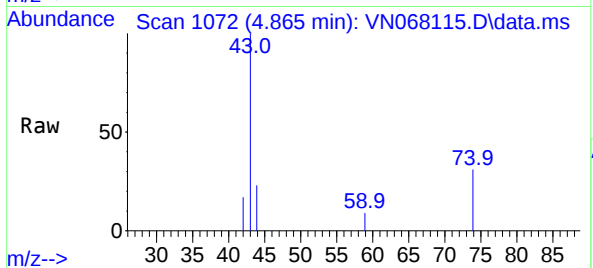




#18
Methyl Acetate
Concen: 2.512 ug/l m
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

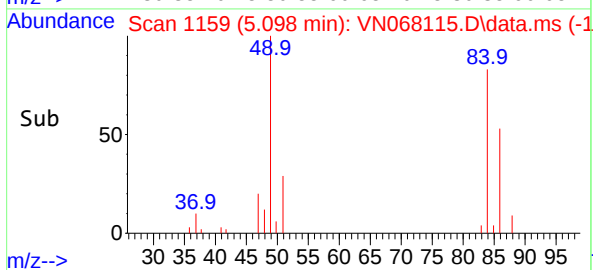
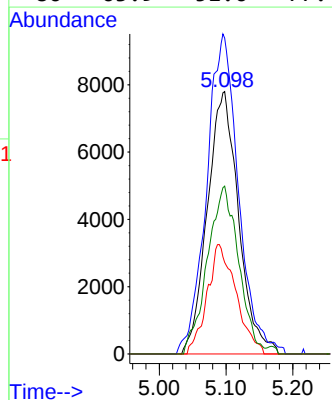
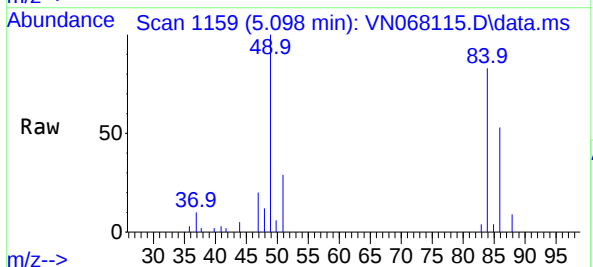
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#04

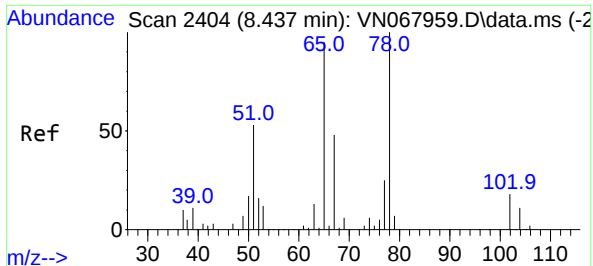
Tgt Ion: 43 Resp: 7777
Ion Ratio Lower Upper
43 100
74 15.7 17.4 26.0#



#20
Methylene Chloride
Concen: 8.626 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

Tgt Ion: 84 Resp: 25368
Ion Ratio Lower Upper
84 100
49 117.8 110.9 166.3
51 34.9 32.6 49.0
86 63.9 51.6 77.4

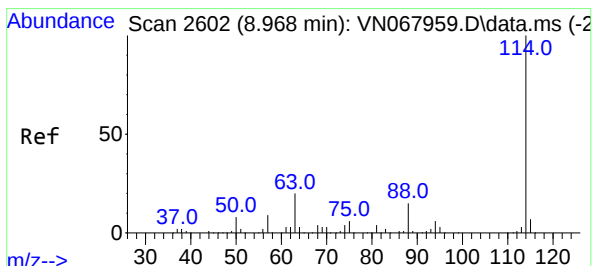
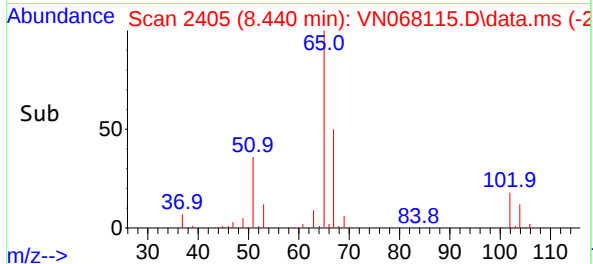
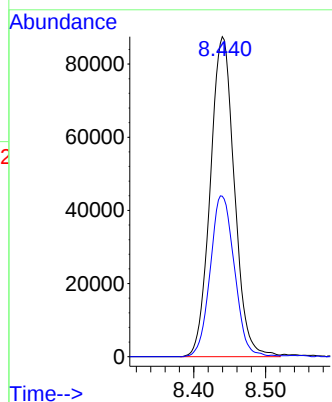
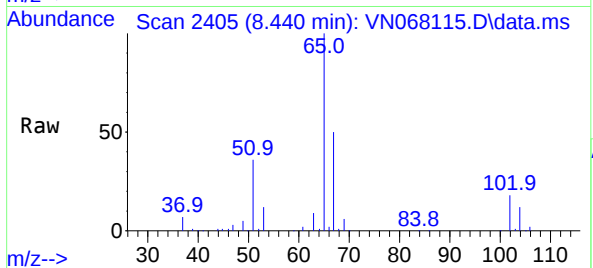




#33
1,2-Dichloroethane-d4
Concen: 59.883 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

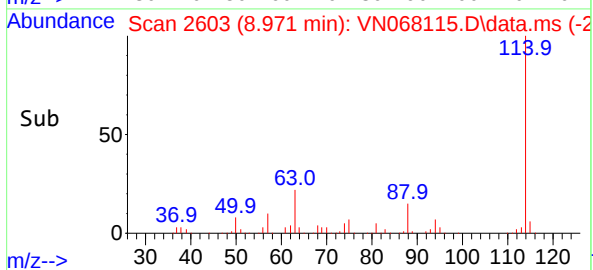
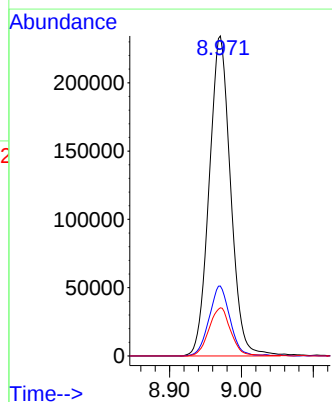
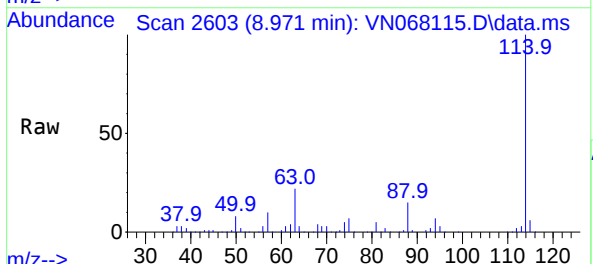
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#04

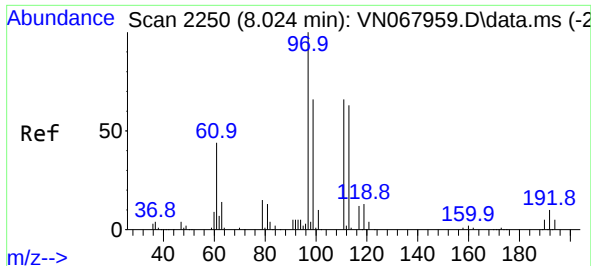
Tgt Ion: 65 Resp: 203467
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

Tgt Ion: 114 Resp: 484037
Ion Ratio Lower Upper
114 100
63 21.9 0.0 49.0
88 15.0 0.0 36.6



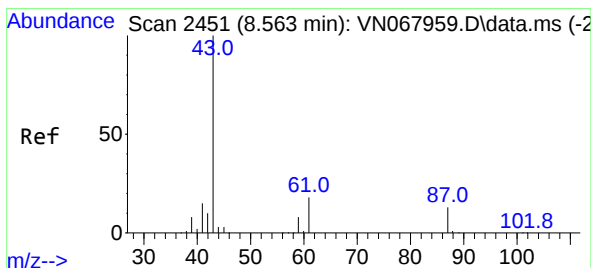
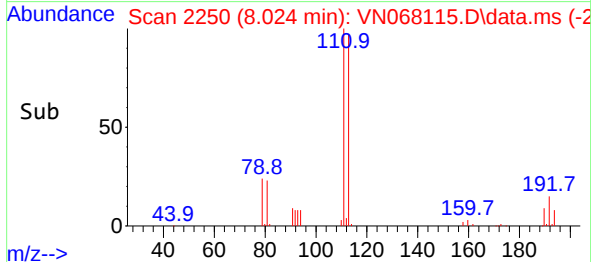
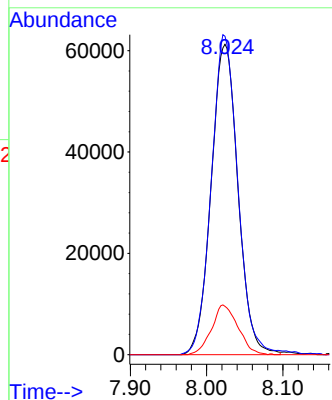
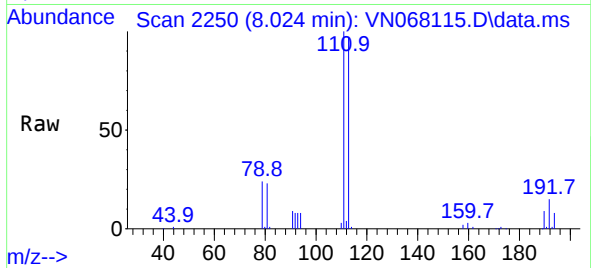


#35
 Dibromofluoromethane
 Concen: 53.066 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. -0.000 min
 Lab File: VN068115.D
 Acq: 16 Aug 2021 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#04

Tgt Ion: 113 Resp: 149694

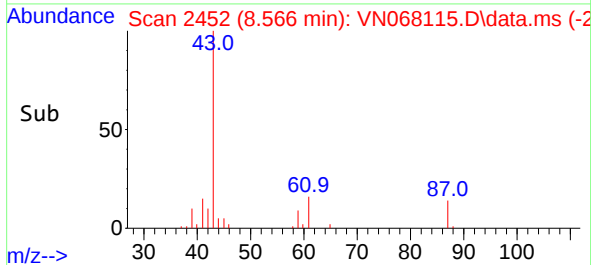
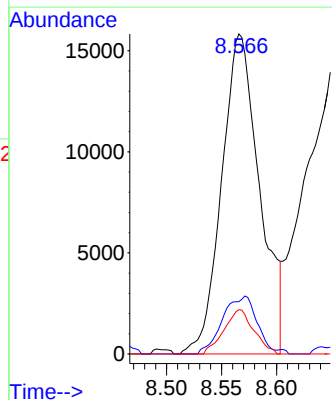
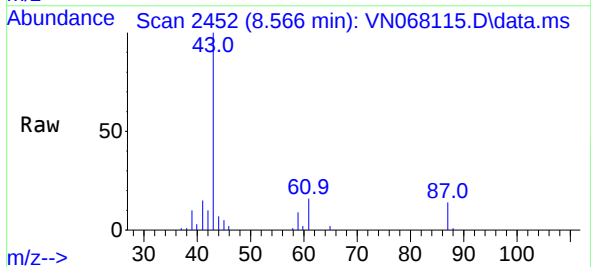
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.8
192	15.8	13.4	20.0

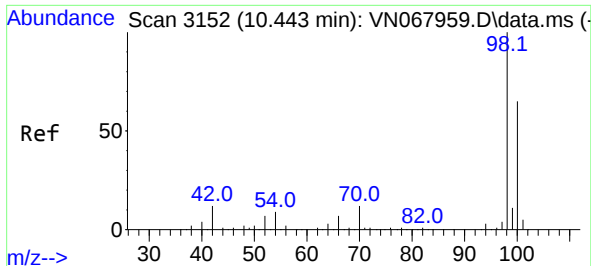


#43
 Isopropyl Acetate
 Concen: 5.409 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.003 min
 Lab File: VN068115.D
 Acq: 16 Aug 2021 14:58

Tgt Ion: 43 Resp: 37983

Ion	Ratio	Lower	Upper
43	100		
61	16.4	19.0	28.4
87	10.9	9.5	14.3

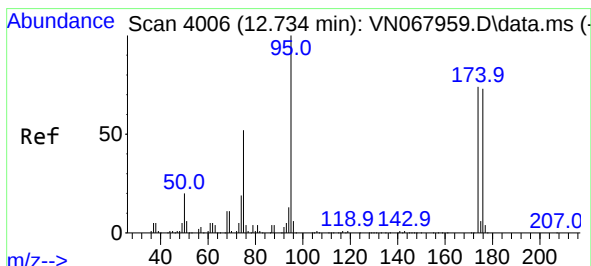
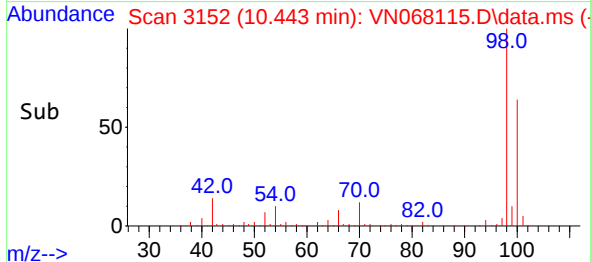
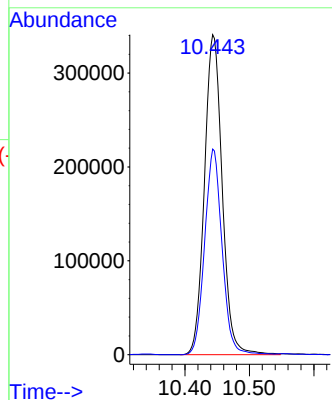
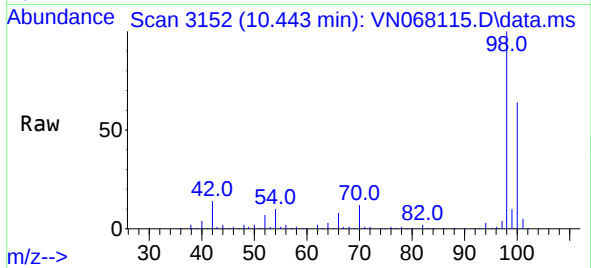




#50
Toluene-d8
Concen: 50.226 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

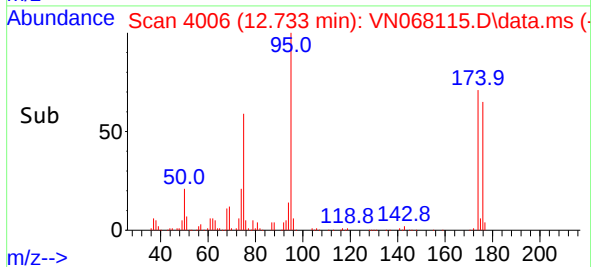
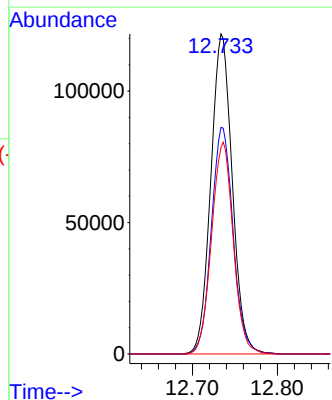
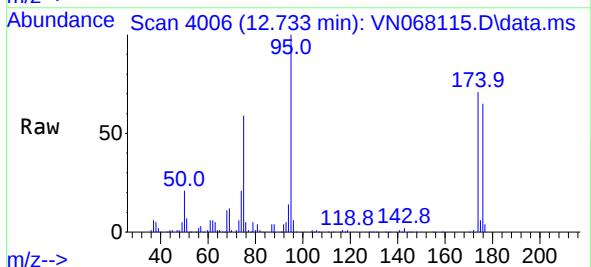
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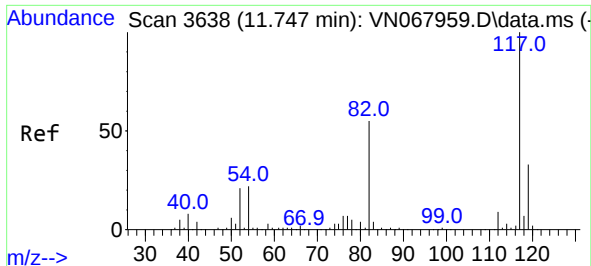
Tgt Ion: 98 Resp: 654120
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.273 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

Tgt Ion: 95 Resp: 213246
Ion Ratio Lower Upper
95 100
174 72.0 0.0 122.0
176 66.8 0.0 117.6

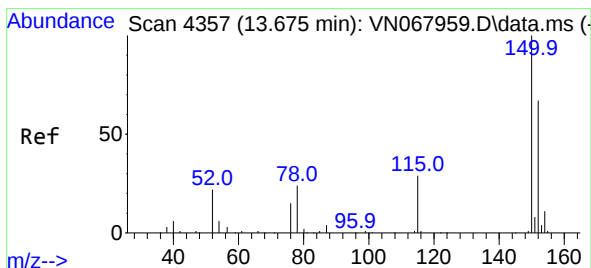
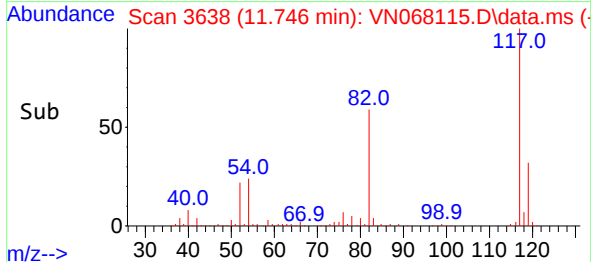
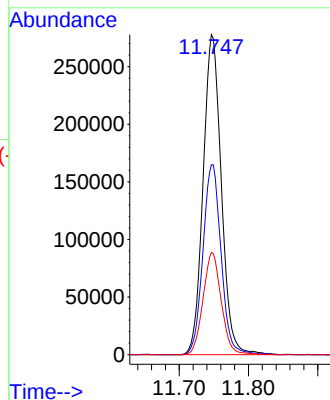
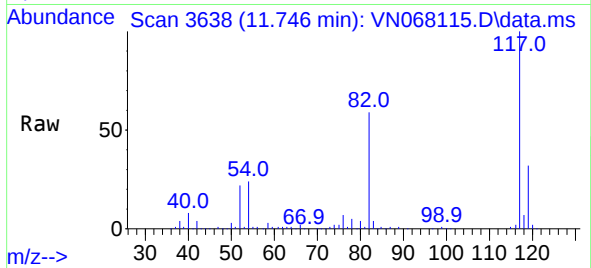




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

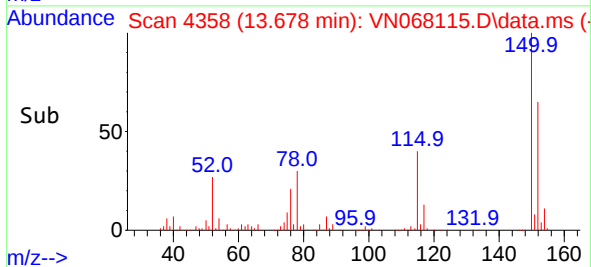
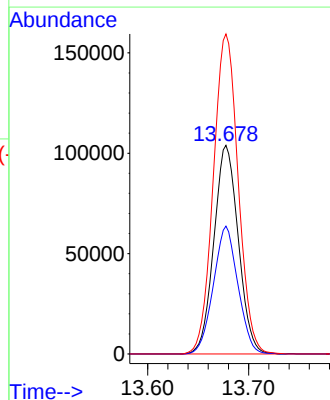
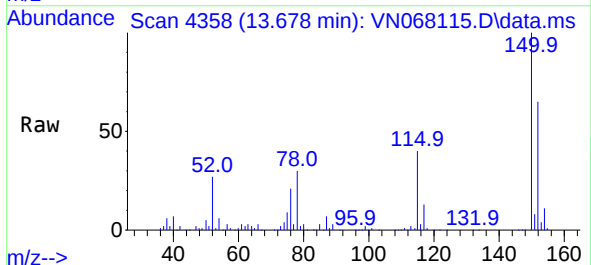
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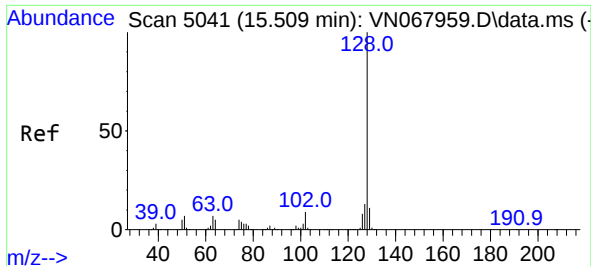
Tgt Ion:117 Resp: 508187
Ion Ratio Lower Upper
117 100
82 59.4 53.1 79.7
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068115.D
Acq: 16 Aug 2021 14:58

Tgt Ion:152 Resp: 174130
Ion Ratio Lower Upper
152 100
115 61.6 36.1 108.5
150 156.4 0.0 351.8





#95

Naphthalene

Concen: 3.512 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.005 min

Lab File: VN068115.D

Acq: 16 Aug 2021 14:58

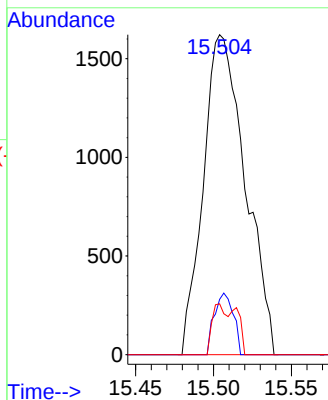
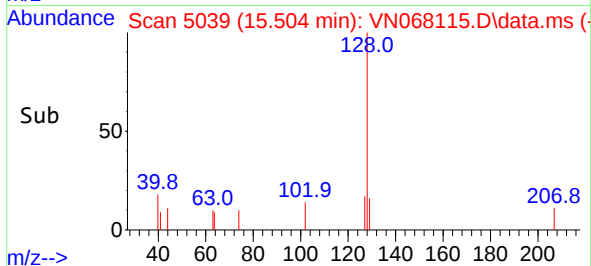
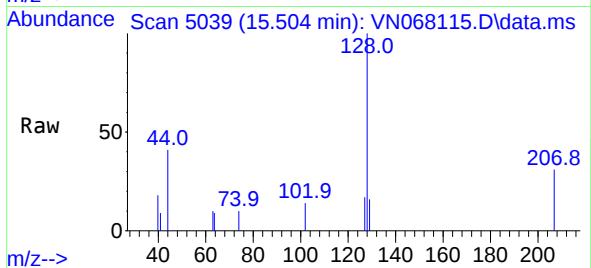
Tgt Ion:128 Resp: 3032

Ion Ratio Lower Upper

128 100

127 8.7 10.6 15.8#

129 5.7 8.6 12.8#



Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#04