

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068221.D
 Acq On : 19 Aug 2021 17:04
 Operator : JC/MD
 Sample : PB138556TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138556TB

Quant Time: Aug 20 01:55:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

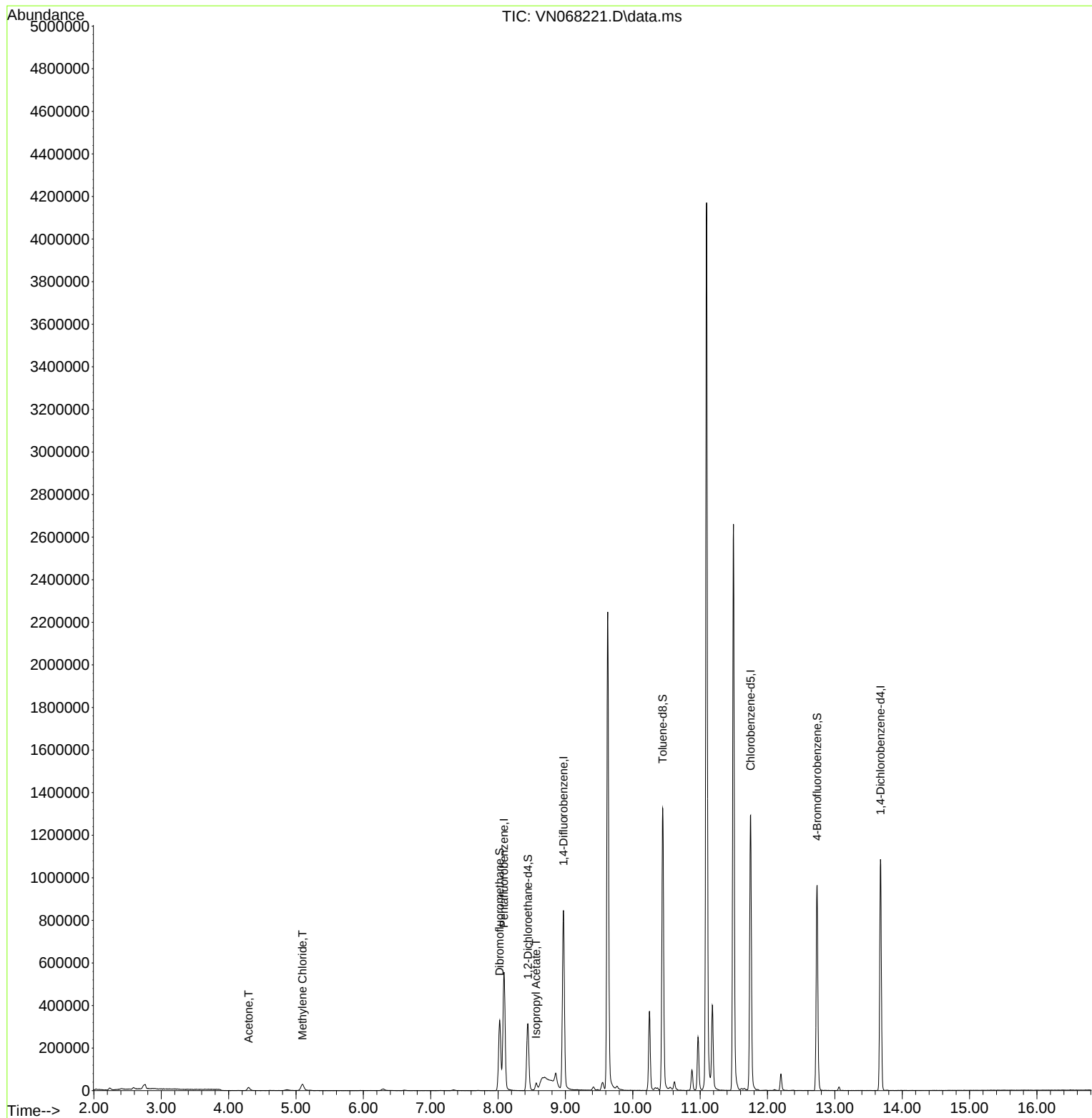
Internal Standards						
1) Pentafluorobenzene	8.088	168	463083	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	812943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	853716	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	317338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	267993	54.201	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.400%
35) Dibromofluoromethane	8.024	113	238183	46.667	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.340%
50) Toluene-d8	10.443	98	979498	50.366	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.736	95	321152	49.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.220%
Target Compounds						
						Qvalue
16) Acetone	4.296	43	26366	18.264	ug/l	92
20) Methylene Chloride	5.095	84	24802	4.265	ug/l	# 80
43) Isopropyl Acetate	8.566	43	38652	4.262	ug/l	92

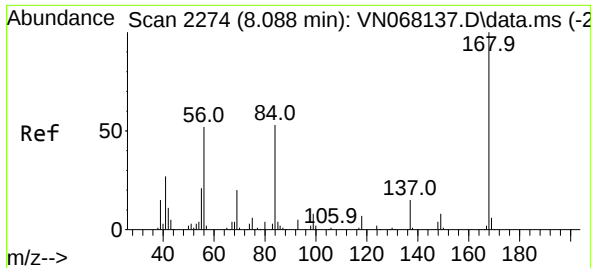
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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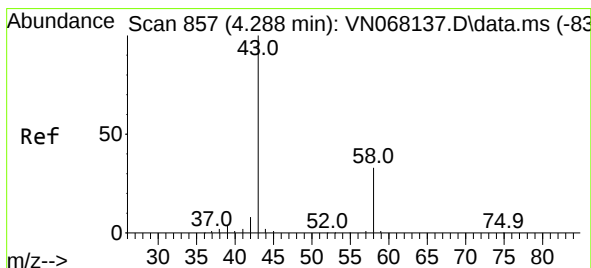
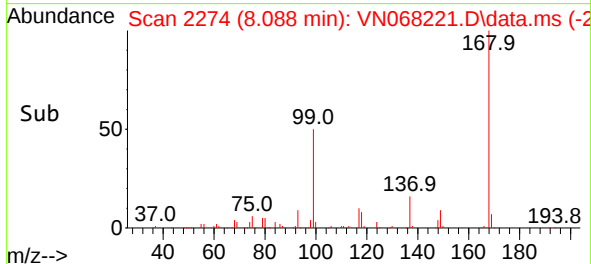
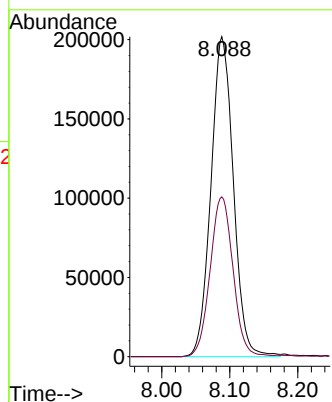
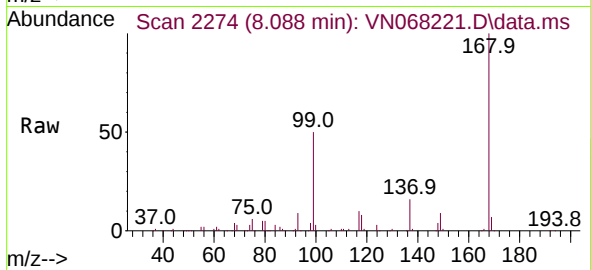




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

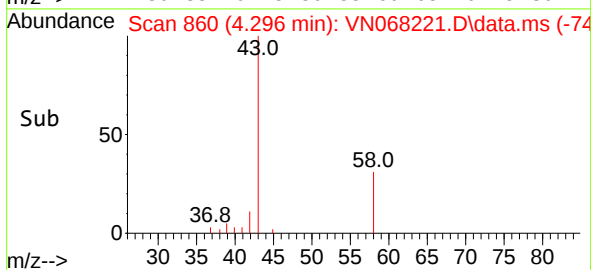
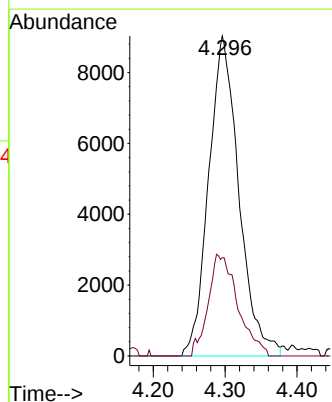
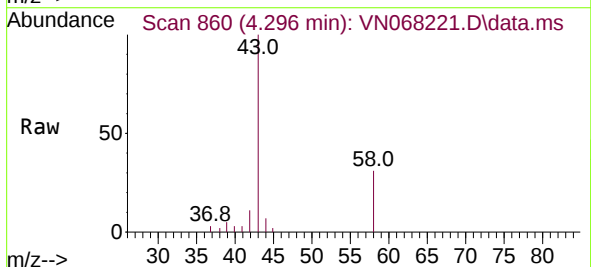
Instrument :
MSVOA_N
ClientSampleId :
PB138556TB

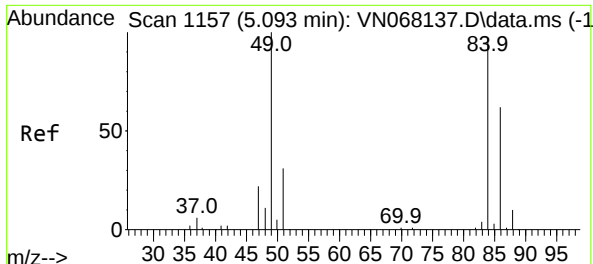
Tgt Ion:168 Resp: 463083
Ion Ratio Lower Upper
168 100
99 49.9 62.9 94.3#



#16
Acetone
Concen: 18.264 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

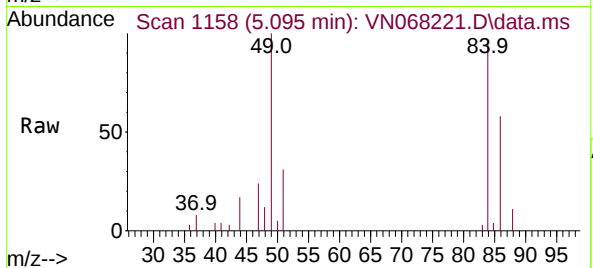
Tgt Ion: 43 Resp: 26366
Ion Ratio Lower Upper
43 100
58 30.7 21.2 31.8



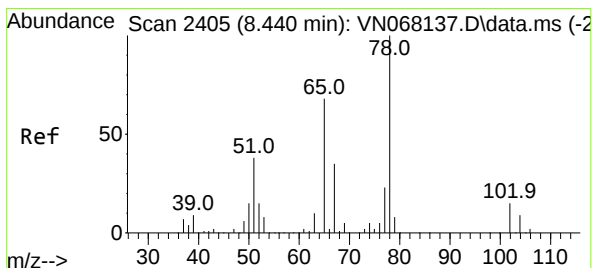
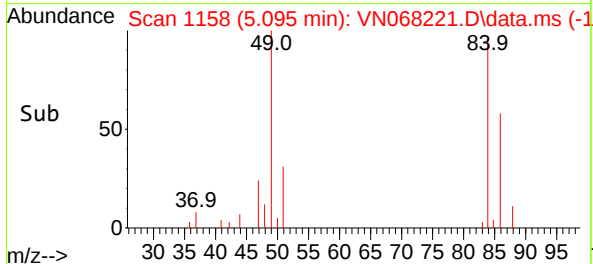
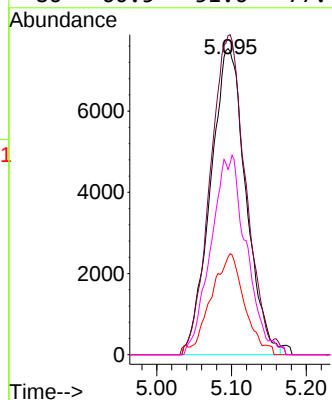


#20
Methylene Chloride
Concen: 4.265 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB138556TB

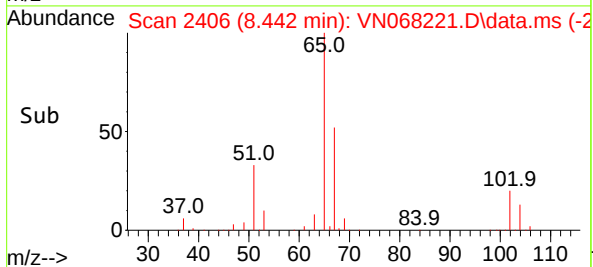
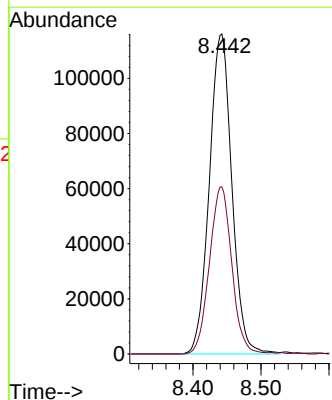
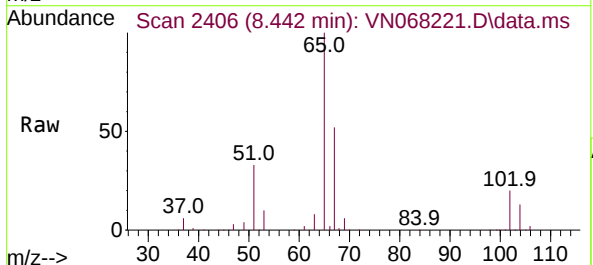


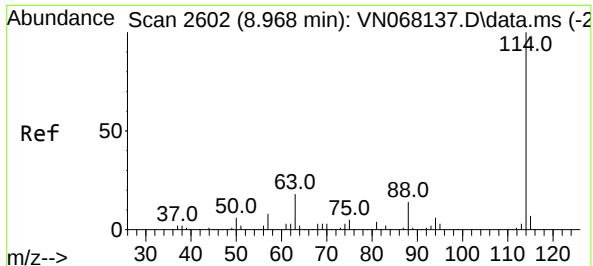
Tgt Ion: 84 Resp: 24802
Ion Ratio Lower Upper
84 100
49 104.2 110.9 166.3#
51 31.9 32.6 49.0#
86 60.5 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 54.201 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

Tgt Ion: 65 Resp: 267993
Ion Ratio Lower Upper
65 100
67 51.8 0.0 98.6

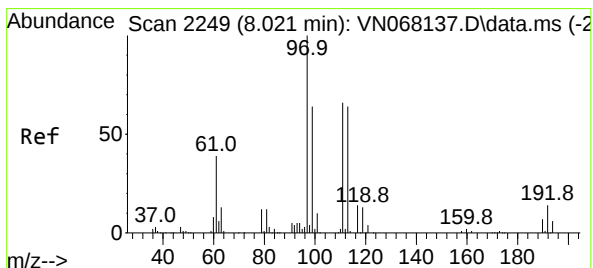
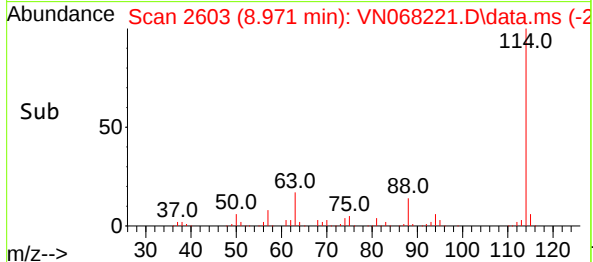
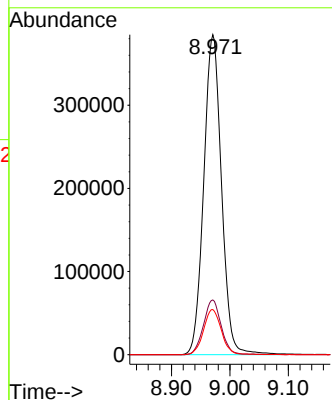
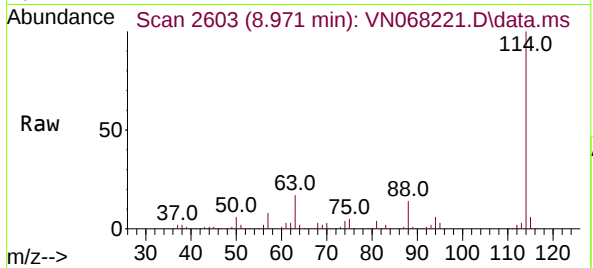




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

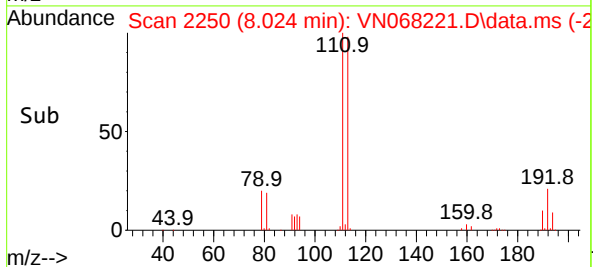
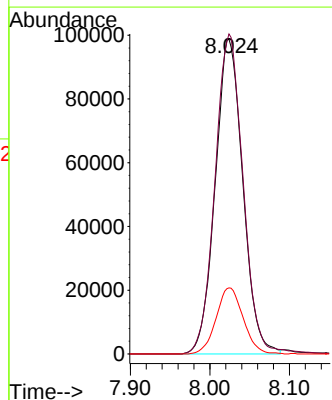
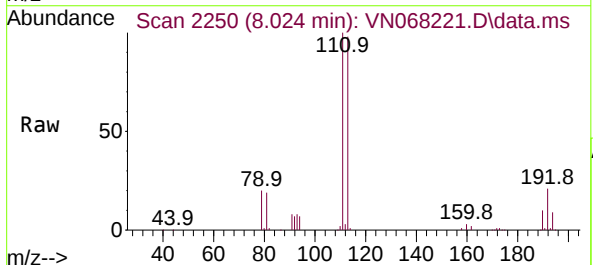
Instrument :
MSVOA_N
ClientSampleId :
PB138556TB

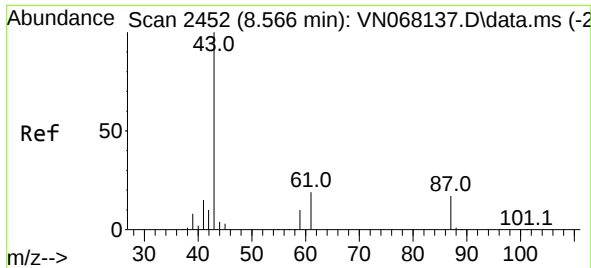
Tgt Ion:114 Resp: 812943
Ion Ratio Lower Upper
114 100
63 17.1 0.0 49.0
88 14.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.667 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

Tgt Ion:113 Resp: 238183
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 20.6 13.4 20.0#

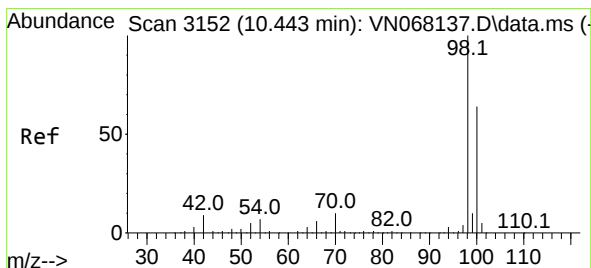
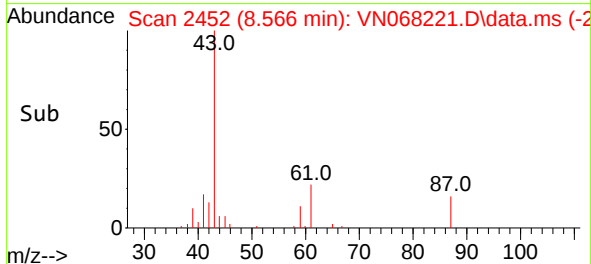
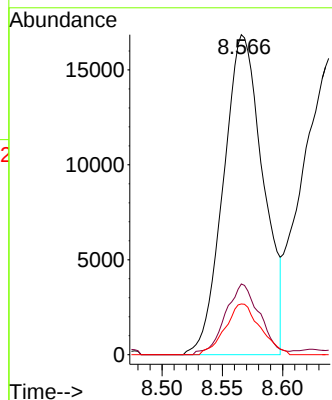
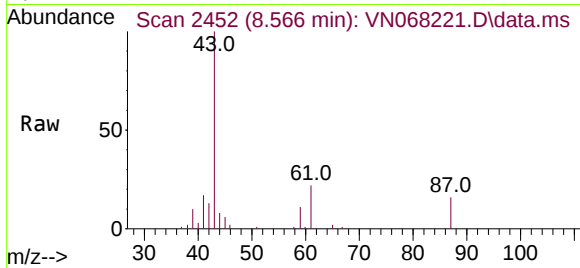




#43
Isopropyl Acetate
Concen: 4.262 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

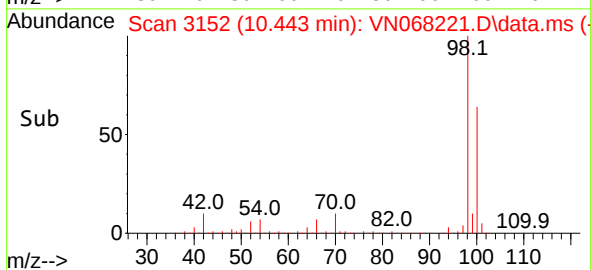
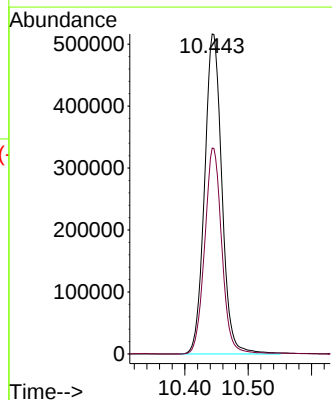
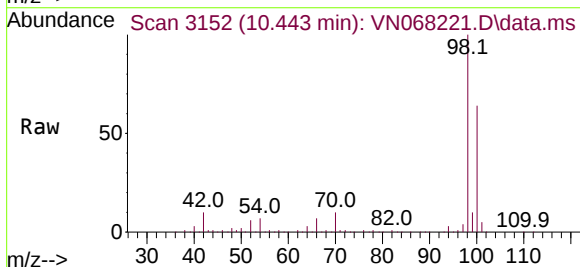
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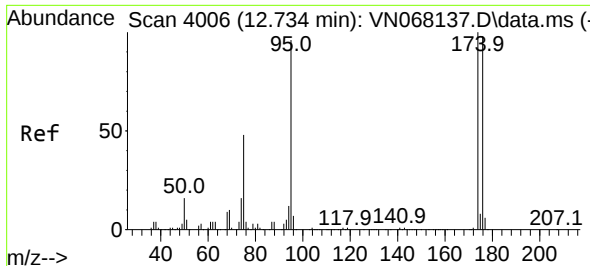
Tgt Ion: 43	Resp: 38652
Ion Ratio	Lower Upper
43 100	
61 19.1	19.0 28.4
87 13.9	9.5 14.3



#50
Toluene-d8
Concen: 50.366 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

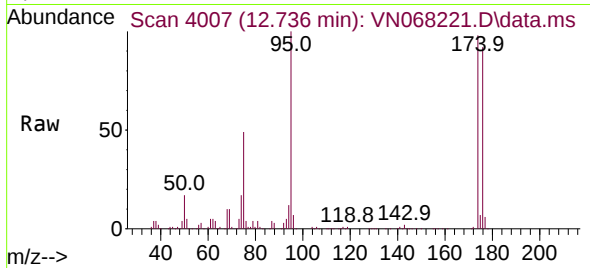
Tgt Ion: 98	Resp: 979498
Ion Ratio	Lower Upper
98 100	
100 63.6	51.7 77.5



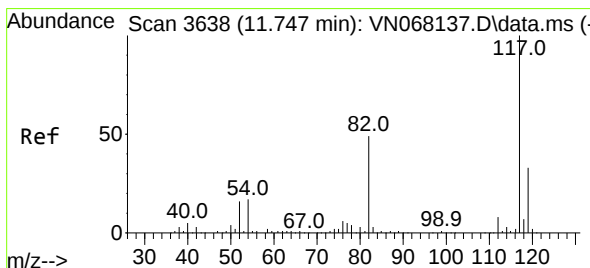
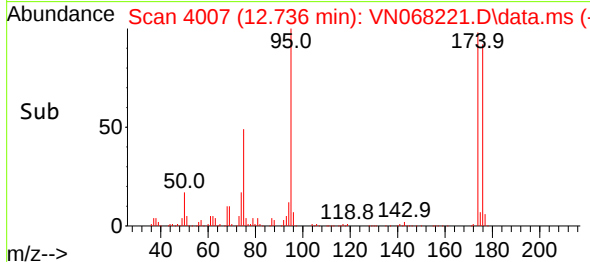
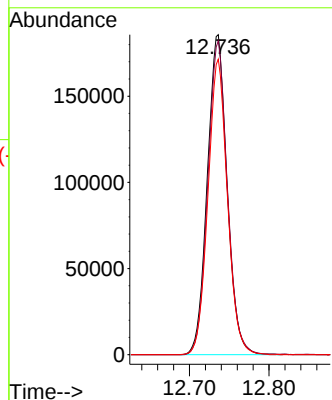


#62
4-Bromofluorobenzene
Concen: 49.606 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB138556TB

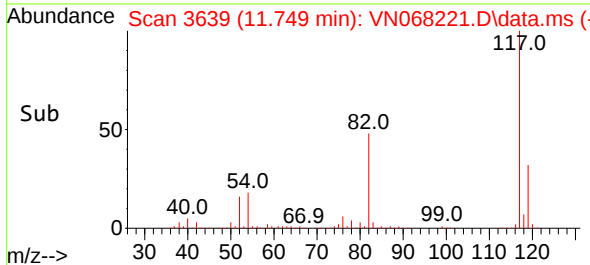
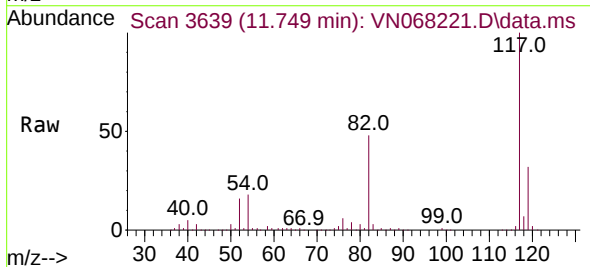
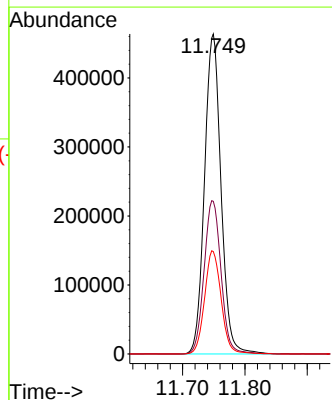


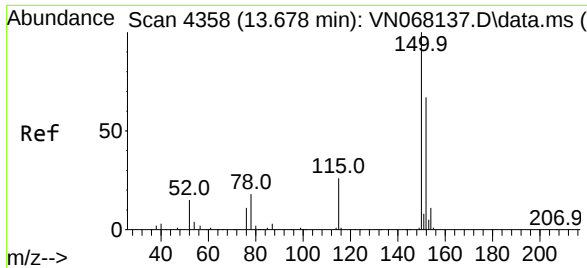
Tgt Ion: 95 Resp: 321152
Ion Ratio Lower Upper
95 100
174 97.1 0.0 122.0
176 90.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068221.D
Acq: 19 Aug 2021 17:04

Tgt Ion: 117 Resp: 853716
Ion Ratio Lower Upper
117 100
82 47.7 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. -0.000 min
 Lab File: VN068221.D
 Acq: 19 Aug 2021 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138556TB

Tgt Ion:152 Resp: 317338
 Ion Ratio Lower Upper
 152 100
 115 54.9 36.1 108.5
 150 159.5 0.0 351.8

