

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068249.D
 Acq On : 20 Aug 2021 16:51
 Operator : JC/MD
 Sample : PB138586ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138586ZHE#02

Quant Time: Aug 20 23:59:24 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)

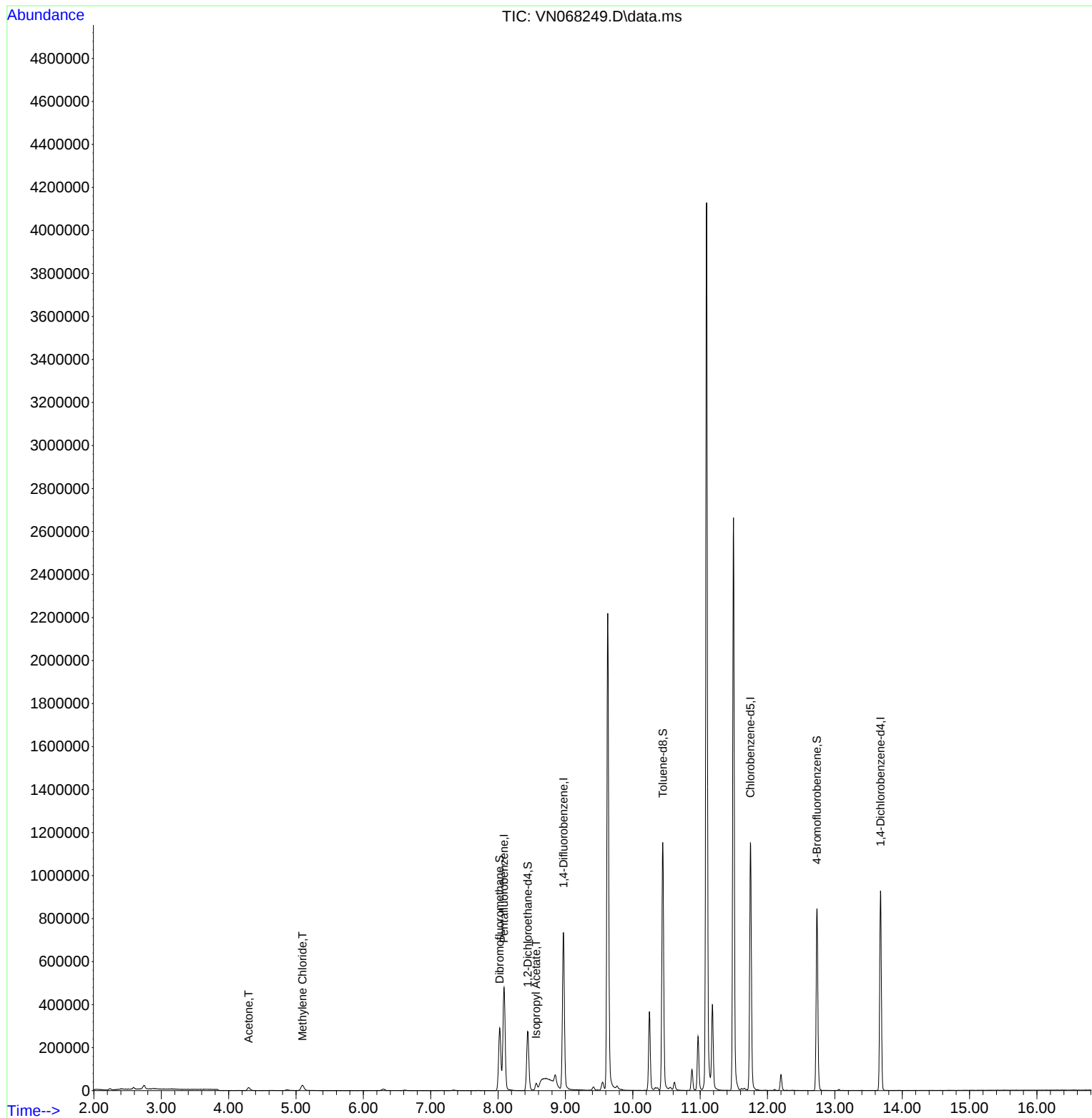
Internal Standards						
1) Pentafluorobenzene	8.088	168	406185	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	698734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	748107	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	280220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230807	53.219	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.440%	
35) Dibromofluoromethane	8.024	113	211931	48.311	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.620%	
50) Toluene-d8	10.446	98	865520	51.780	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.733	95	282731	50.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.620%	
Target Compounds						
						Qvalue
16) Acetone	4.296	43	26204	20.694	ug/l	# 79
20) Methylene Chloride	5.095	84	21043	4.052	ug/l	# 83
43) Isopropyl Acetate	8.566	43	37861	4.857	ug/l	# 91

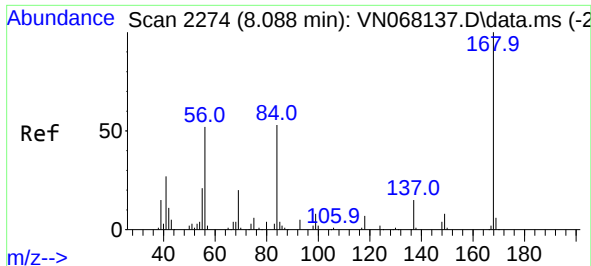
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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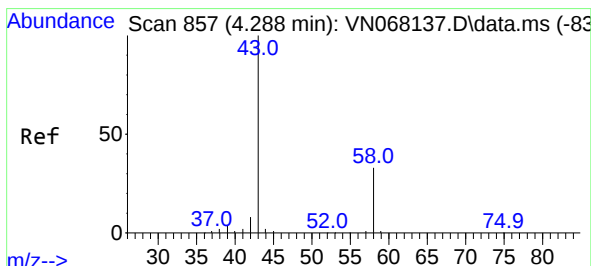
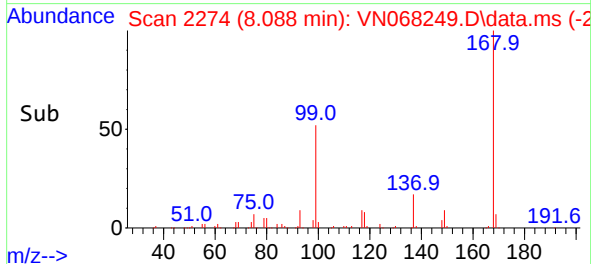
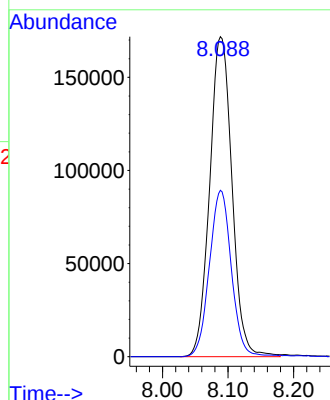
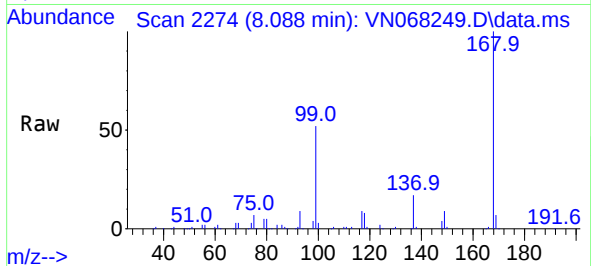




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

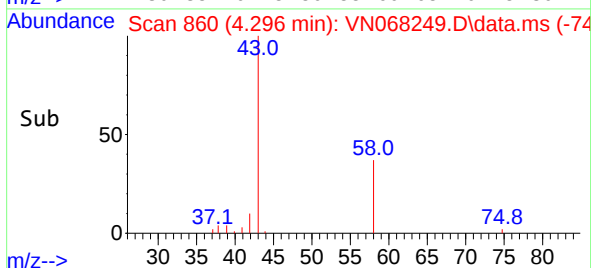
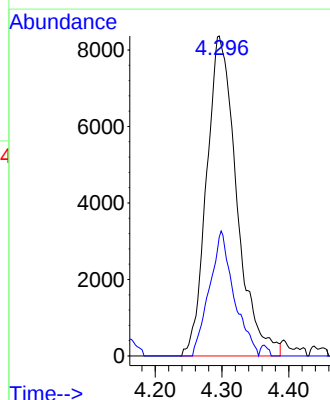
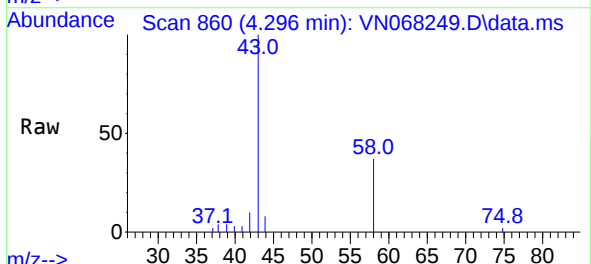
Instrument :
MSVOA_N
ClientSampleId :
PB138586ZHE#02

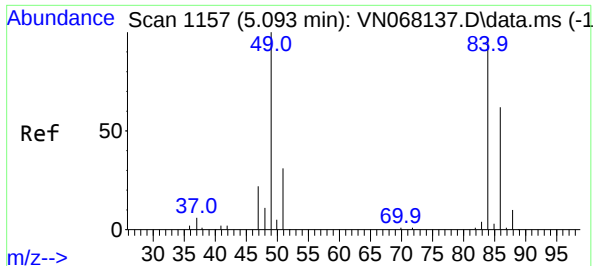
Tgt Ion:168 Resp: 406185
Ion Ratio Lower Upper
168 100
99 52.0 62.9 94.3#



#16
Acetone
Concen: 20.694 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 43 Resp: 26204
Ion Ratio Lower Upper
43 100
58 37.1 21.2 31.8#



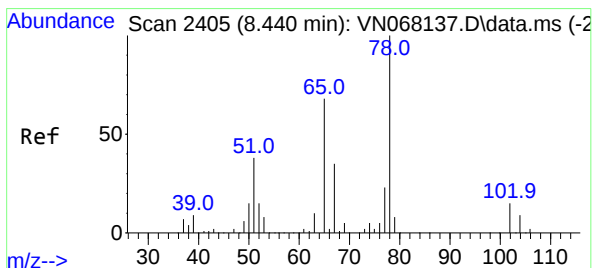
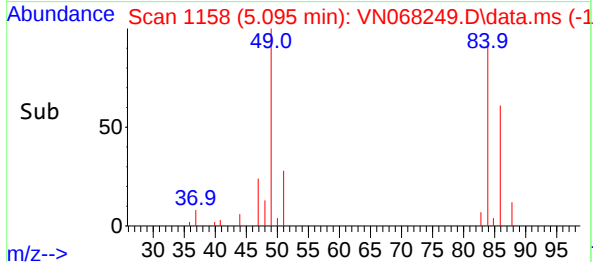
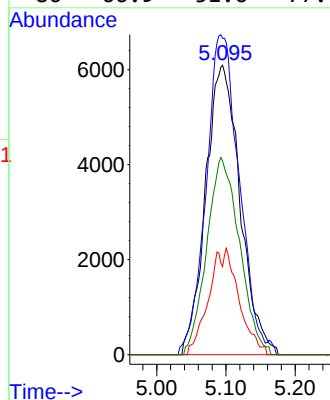
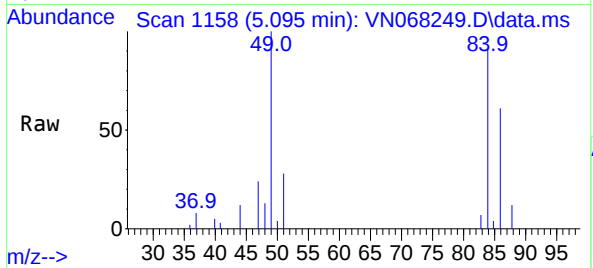


#20
Methylene Chloride
Concen: 4.052 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

Instrument :
MSVOA_N
ClientSampleId :
PB138586ZHE#02

Tgt Ion: 84 Resp: 21043

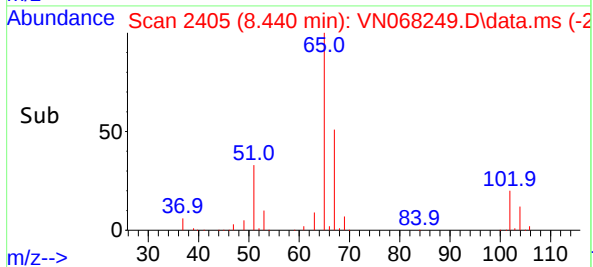
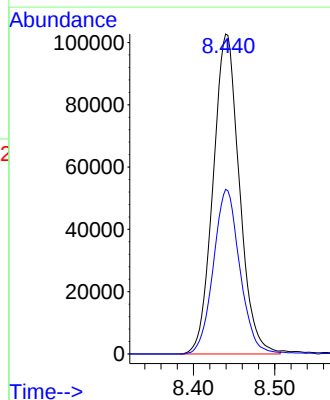
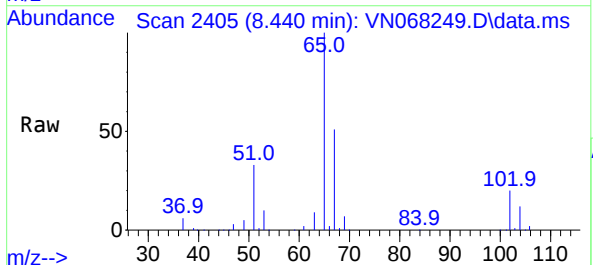
Ion	Ratio	Lower	Upper
84	100		
49	109.3	110.9	166.3#
51	30.4	32.6	49.0#
86	66.9	51.6	77.4

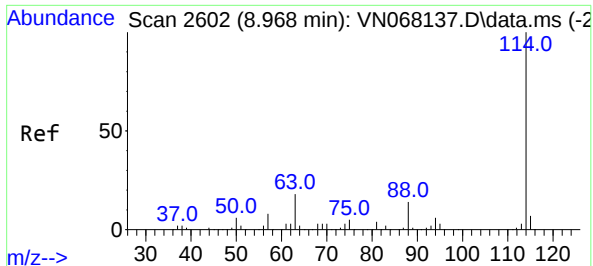


#33
1,2-Dichloroethane-d4
Concen: 53.219 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 65 Resp: 230807

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	98.6

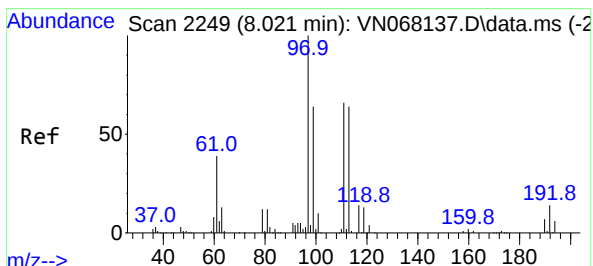
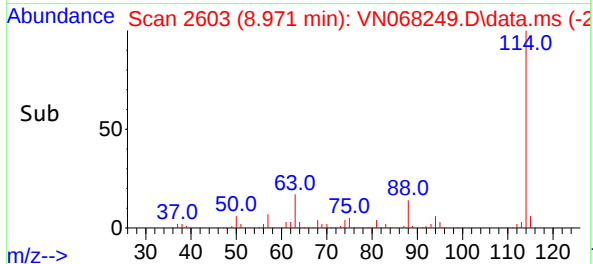
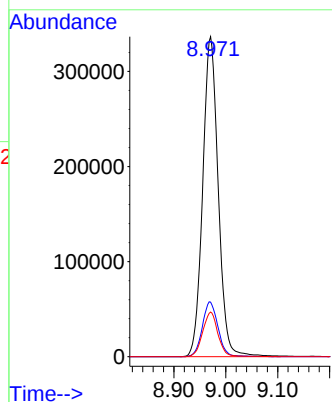
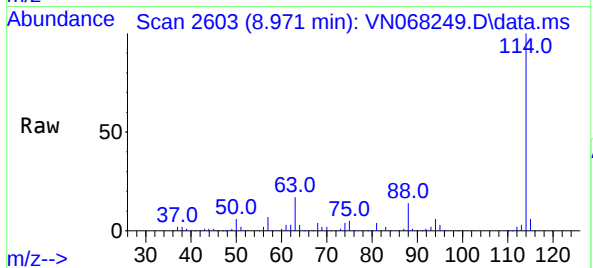




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

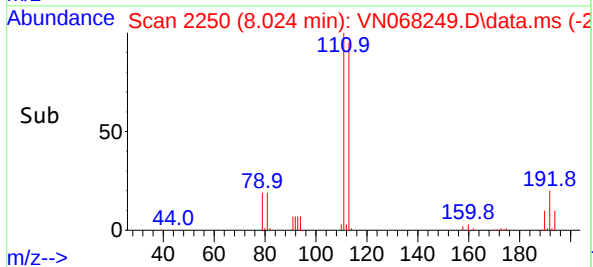
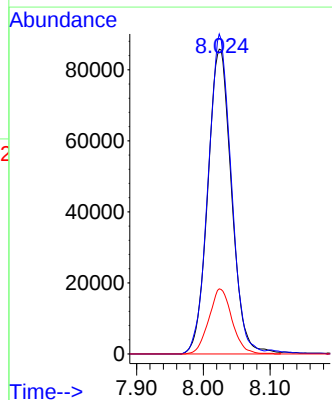
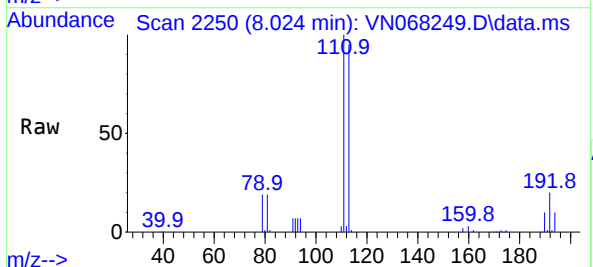
Instrument :
MSVOA_N
ClientSampleId :
PB138586ZHE#02

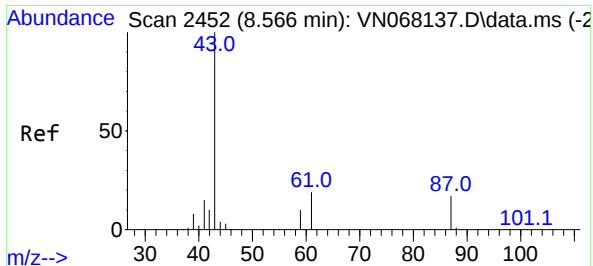
Tgt Ion:114 Resp: 698734
Ion Ratio Lower Upper
114 100
63 17.1 0.0 49.0
88 13.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.311 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

Tgt Ion:113 Resp: 211931
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.8
192 20.8 13.4 20.0#

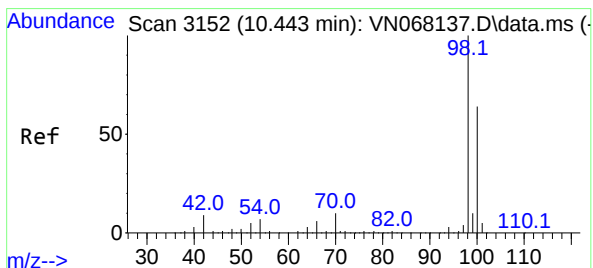
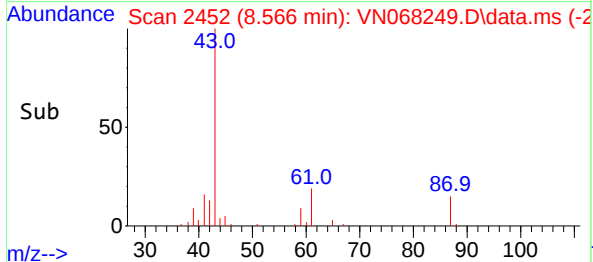
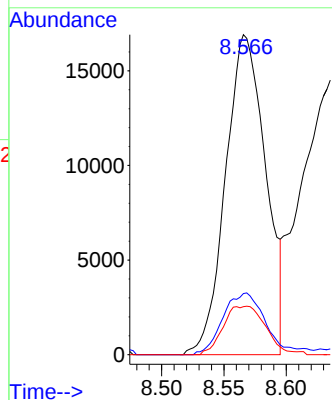
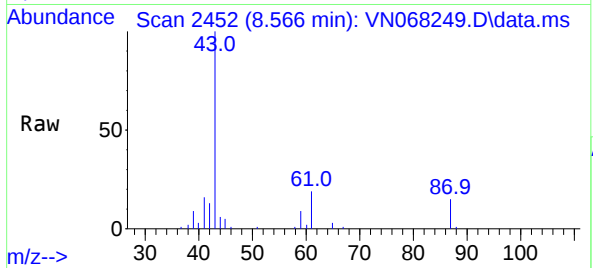




#43
Isopropyl Acetate
Concen: 4.857 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

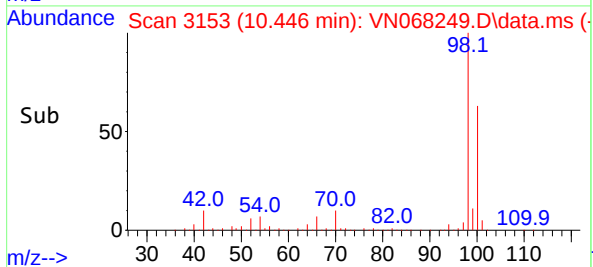
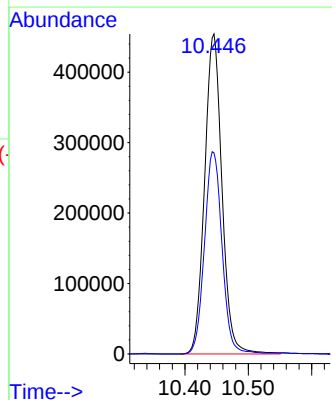
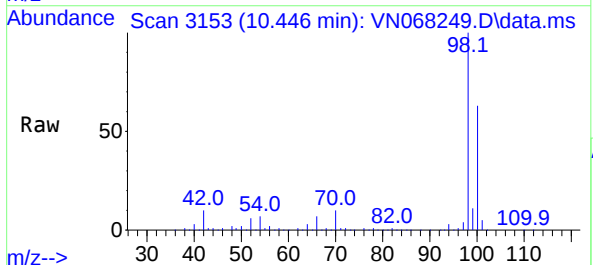
Instrument :
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ClientSampleId :
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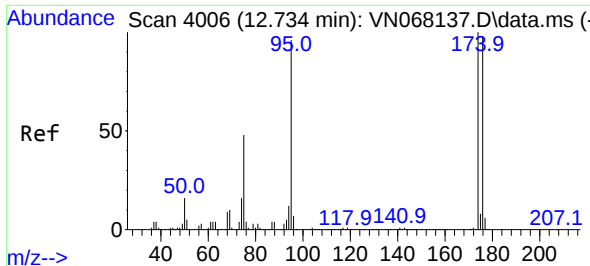
Tgt Ion: 43 Resp: 37861
Ion Ratio Lower Upper
43 100
61 20.3 19.0 28.4
87 7.0 9.5 14.3#



#50
Toluene-d8
Concen: 51.780 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 98 Resp: 865520
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

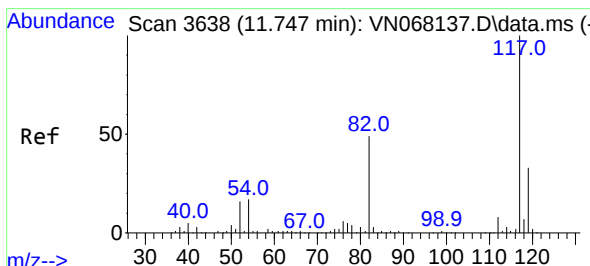
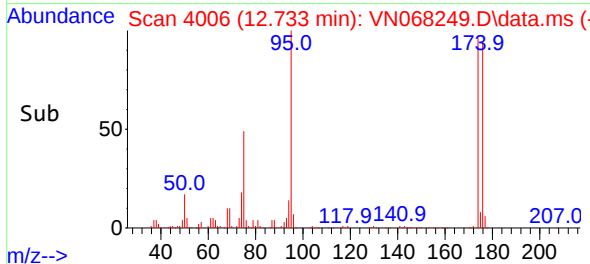
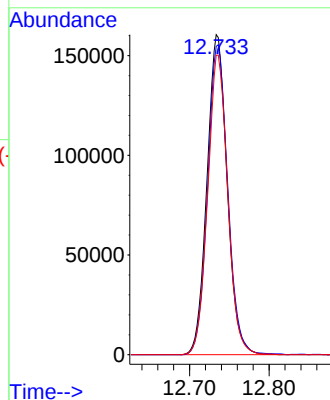
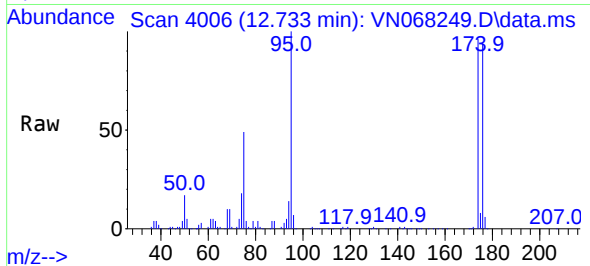




#62
4-Bromofluorobenzene
Concen: 50.810 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

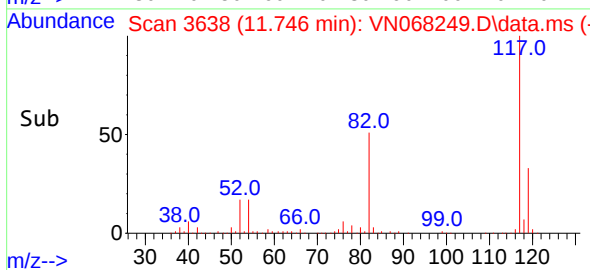
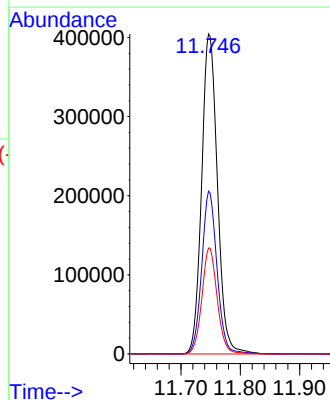
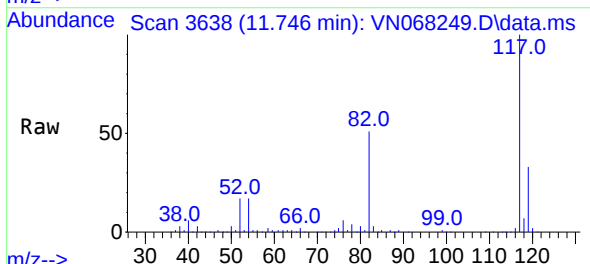
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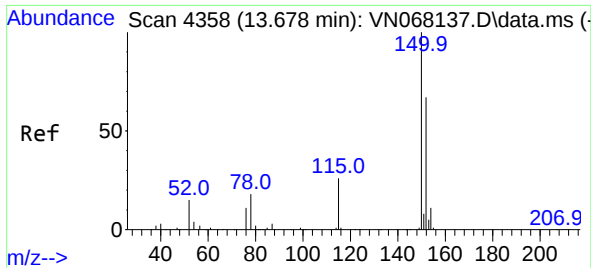
Tgt Ion: 95 Resp: 282731
Ion Ratio Lower Upper
95 100
174 97.4 0.0 122.0
176 92.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068249.D
Acq: 20 Aug 2021 16:51

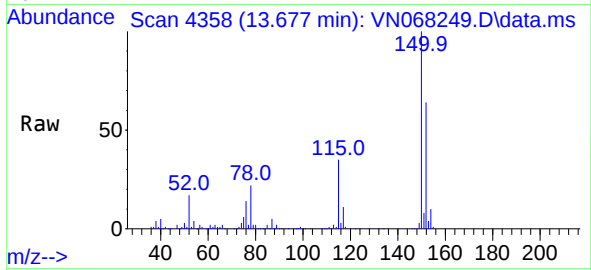
Tgt Ion: 117 Resp: 748107
Ion Ratio Lower Upper
117 100
82 50.9 53.1 79.7#
119 33.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. -0.001 min
 Lab File: VN068249.D
 Acq: 20 Aug 2021 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138586ZHE#02



Tgt Ion:152 Resp: 280220

Ion	Ratio	Lower	Upper
152	100		
115	54.5	36.1	108.5
150	158.0	0.0	351.8

