

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090921\
 Data File : VN068444.D
 Acq On : 9 Sep 2021 16:09
 Operator : JC/MD
 Sample : PB138981ZHE#13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138981ZHE#13

Quant Time: Sep 10 04:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

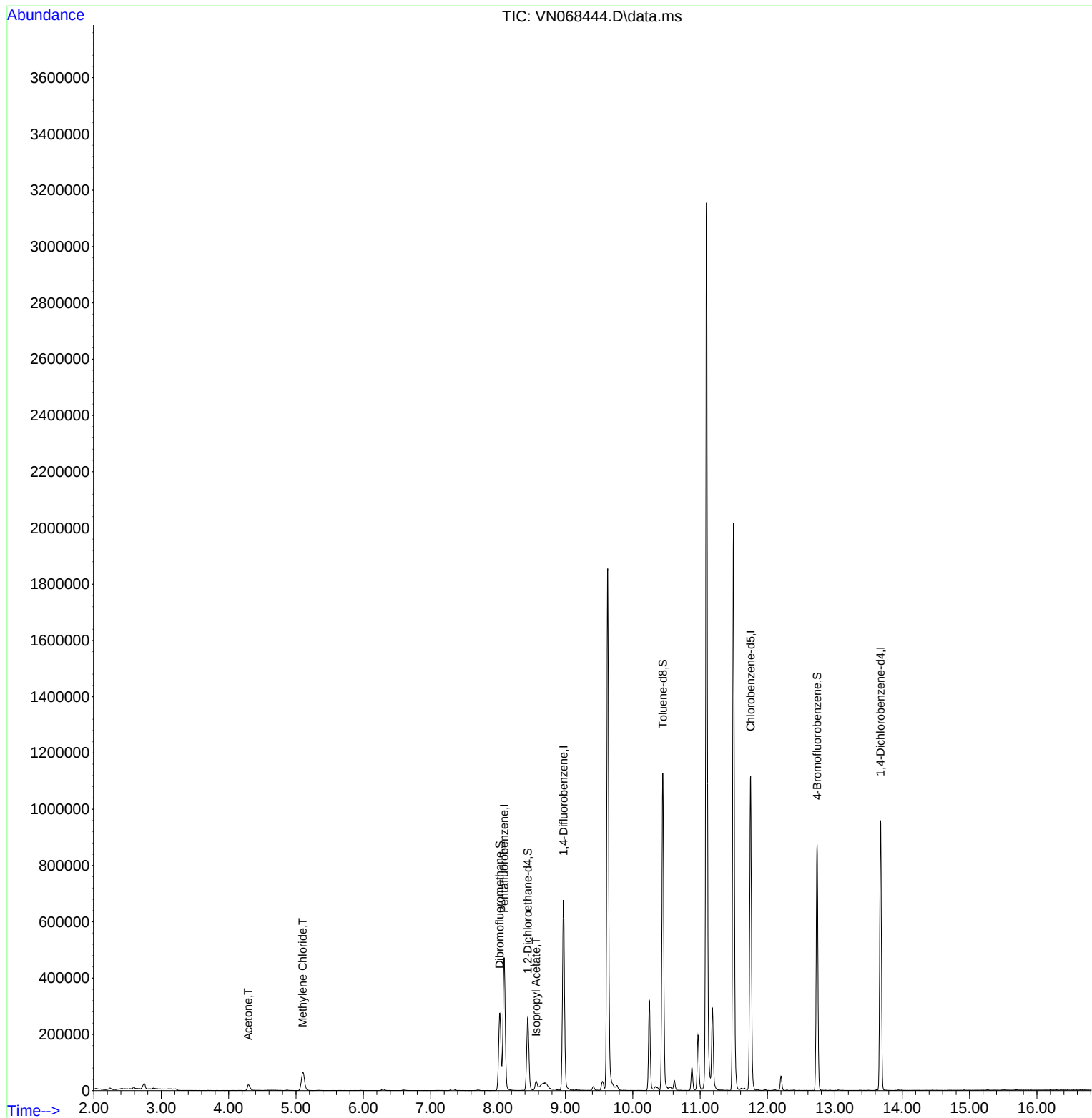
Internal Standards						
1) Pentafluorobenzene	8.091	168	397691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	652203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	733174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	286877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	221060	60.597	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.200%			
35) Dibromofluoromethane	8.024	113	204263	51.927	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.860%			
50) Toluene-d8	10.446	98	845979	59.206	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 118.420%			
62) 4-Bromofluorobenzene	12.736	95	296643	64.879	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 129.760%			
Target Compounds					Qvalue	
16) Acetone	4.291	43	39086	32.378	ug/l	91
20) Methylene Chloride	5.100	84	59343	16.511	ug/l	98
43) Isopropyl Acetate	8.566	43	39671	5.436	ug/l #	82

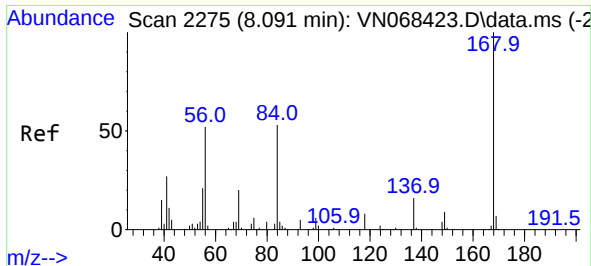
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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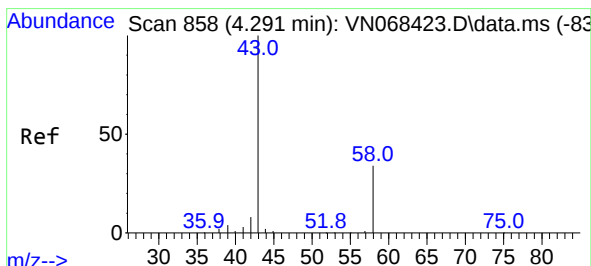
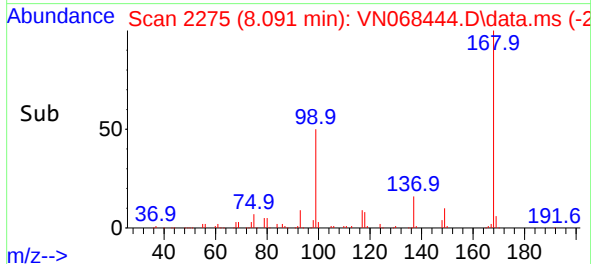
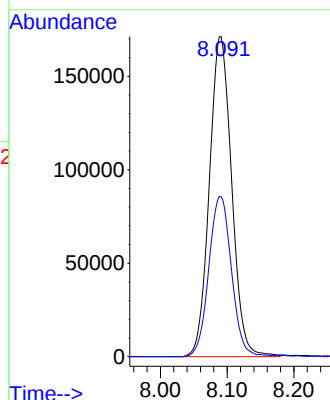
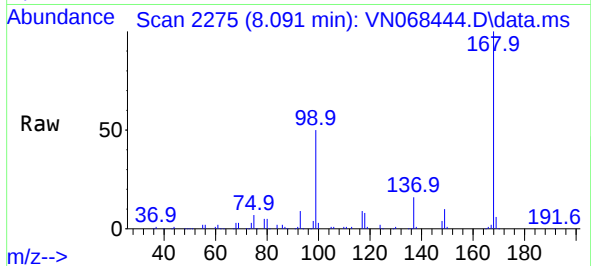




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

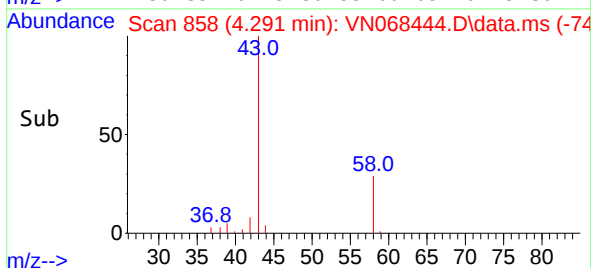
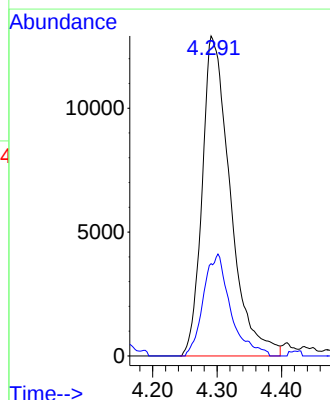
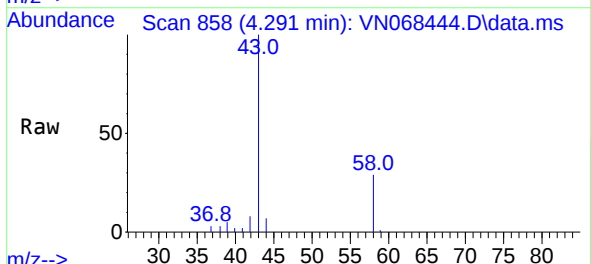
Instrument :
MSVOA_N
ClientSampleId :
PB138981ZHE#13

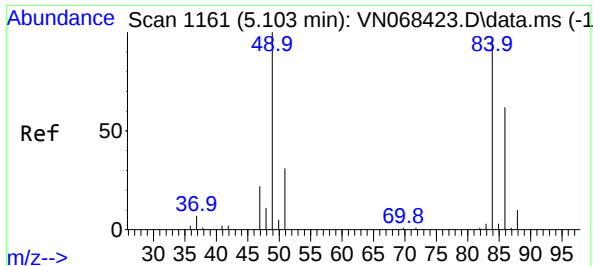
Tgt Ion:168 Resp: 397691
Ion Ratio Lower Upper
168 100
99 50.0 38.2 57.4



#16
Acetone
Concen: 32.378 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

Tgt Ion: 43 Resp: 39086
Ion Ratio Lower Upper
43 100
58 28.9 27.0 40.6



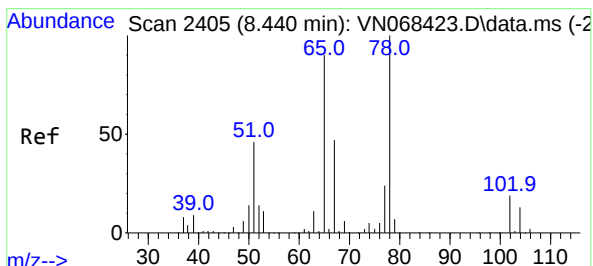
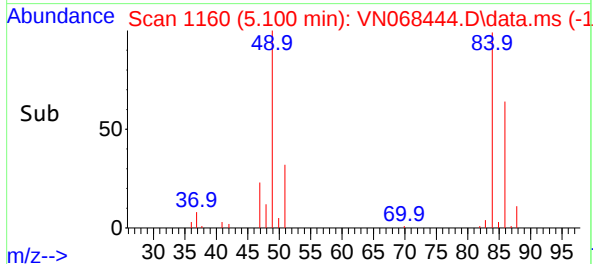
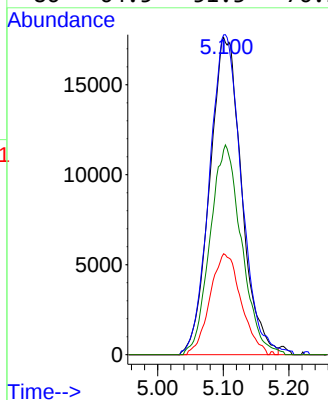
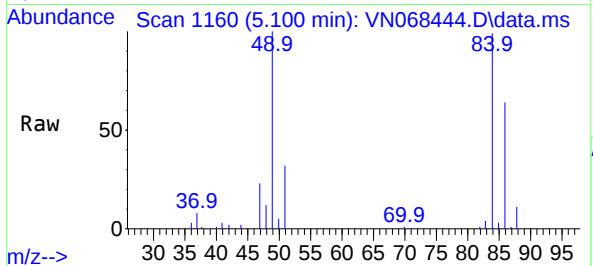


#20
Methylene Chloride
Concen: 16.511 ug/l
RT: 5.100 min Scan# 1160
Delta R.T. -0.003 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB138981ZHE#13

Tgt Ion: 84 Resp: 59343

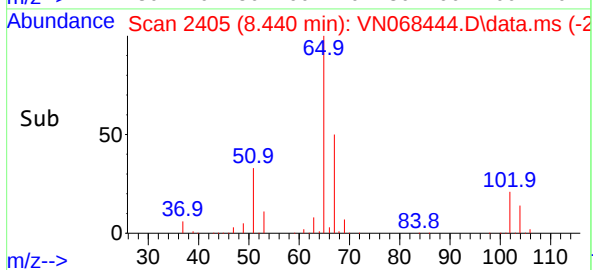
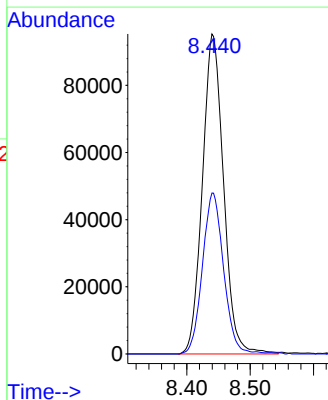
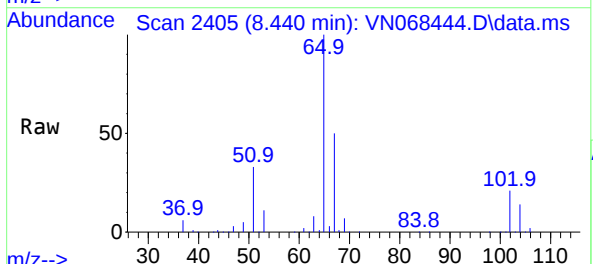
Ion	Ratio	Lower	Upper
84	100		
49	100.8	83.0	124.6
51	31.8	25.4	38.0
86	64.5	51.3	76.9

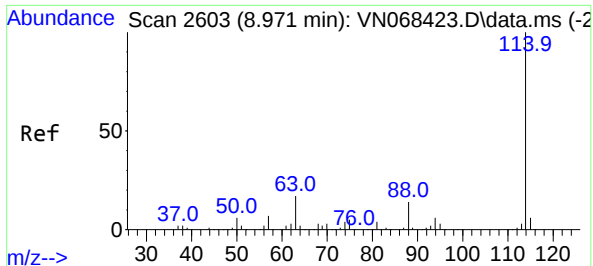


#33
1,2-Dichloroethane-d4
Concen: 60.597 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

Tgt Ion: 65 Resp: 221060

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	104.0



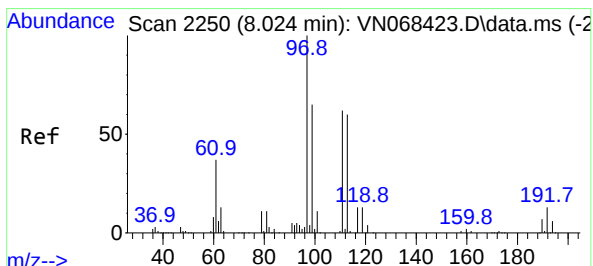
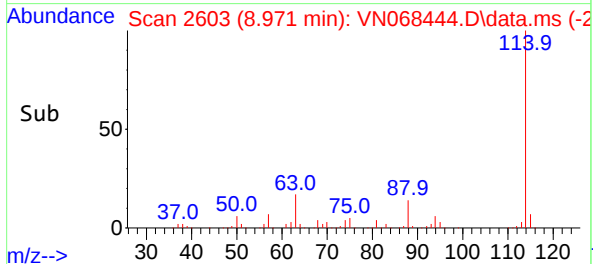
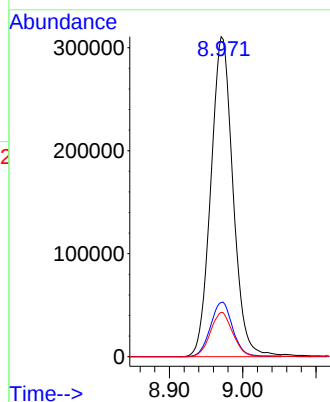
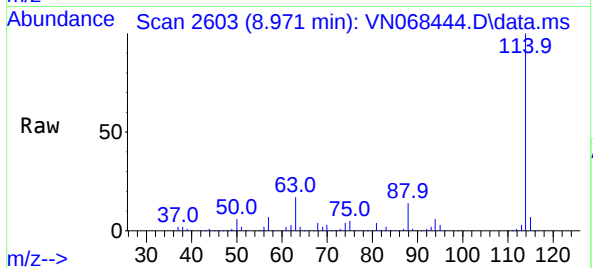


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB138981ZHE#13

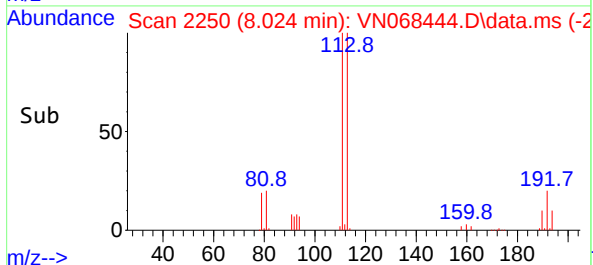
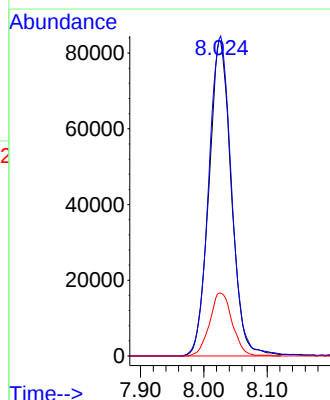
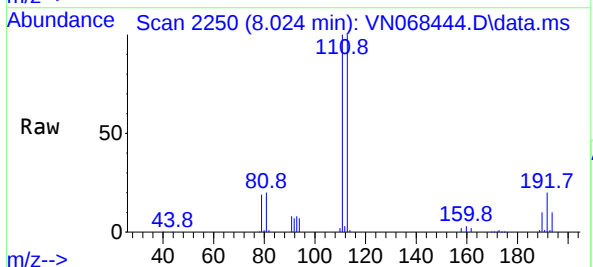
Tgt Ion:114 Resp: 652203
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.2
88 13.8 0.0 28.4

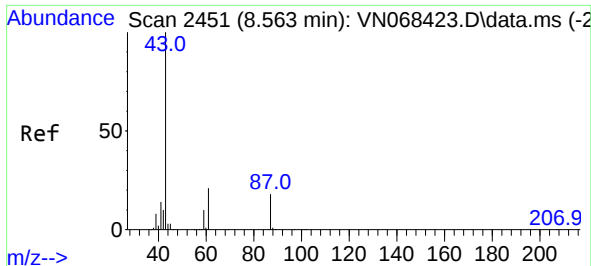


#35

Dibromofluoromethane
Concen: 51.927 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

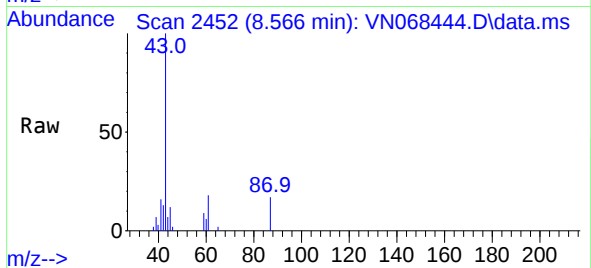
Tgt Ion:113 Resp: 204263
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 20.2 17.7 26.5



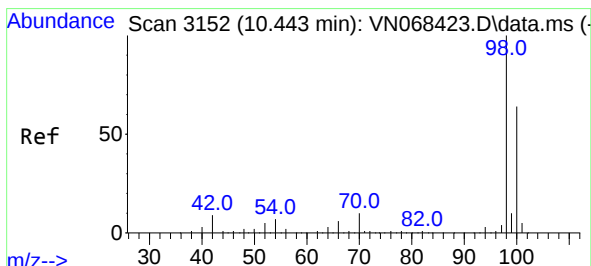
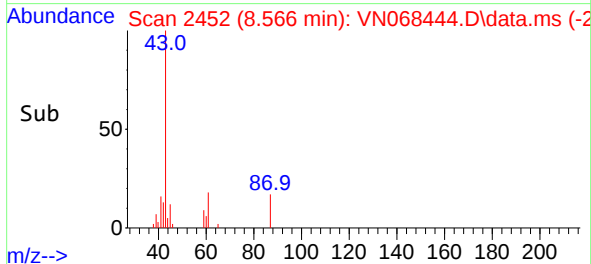
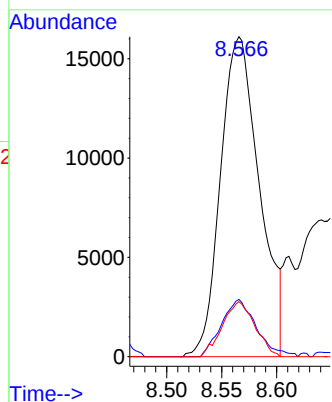


#43
Isopropyl Acetate
Concen: 5.436 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB138981ZHE#13

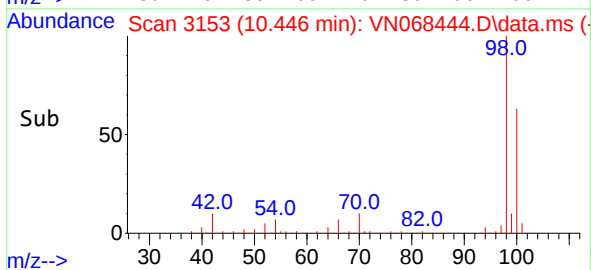
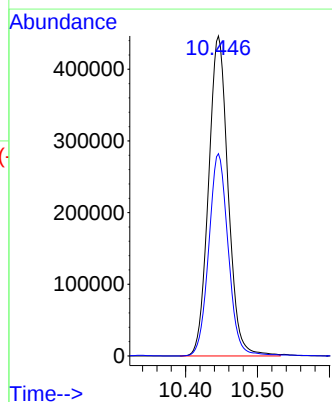
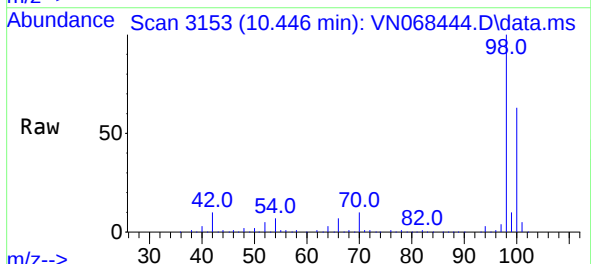


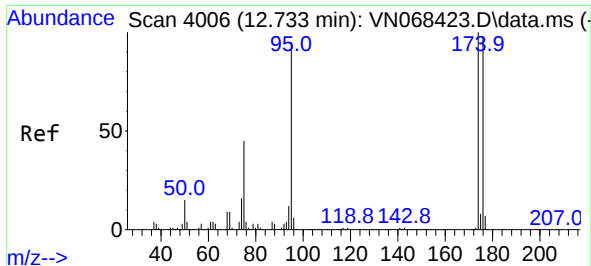
Tgt Ion: 43 Resp: 39671
Ion Ratio Lower Upper
43 100
61 16.0 23.3 34.9#
87 14.4 13.8 20.6



#50
Toluene-d8
Concen: 59.206 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

Tgt Ion: 98 Resp: 845979
Ion Ratio Lower Upper
98 100
100 62.7 51.0 76.6

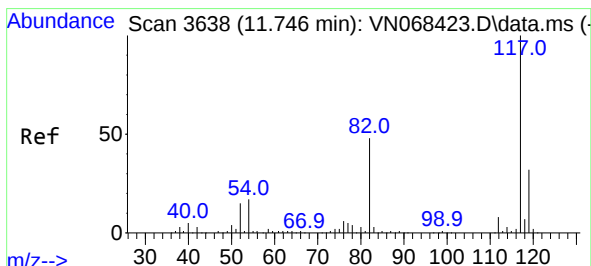
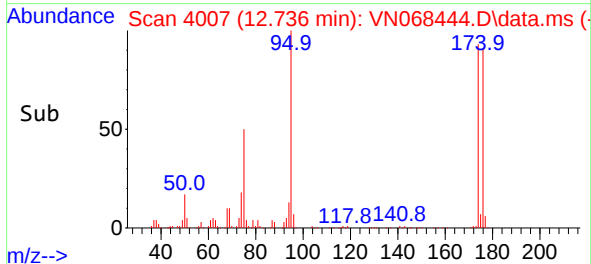
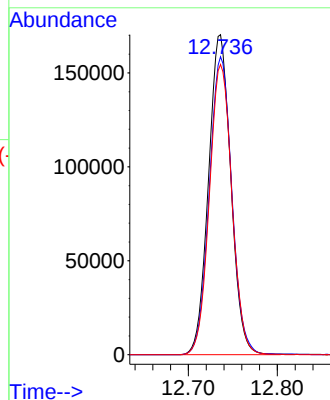
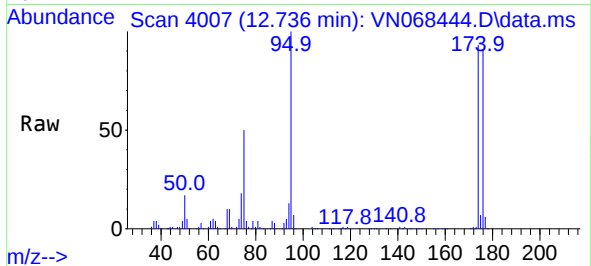




#62
4-Bromofluorobenzene
Concen: 64.879 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

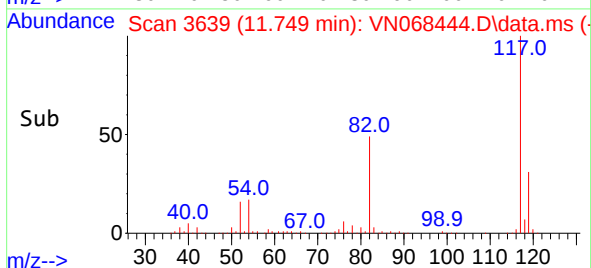
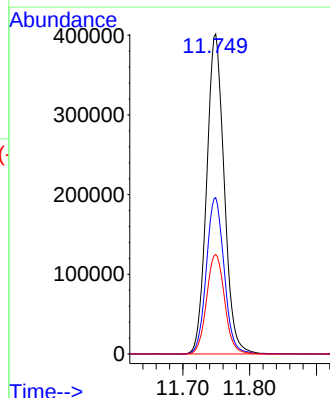
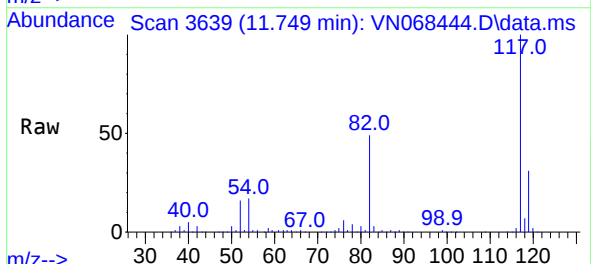
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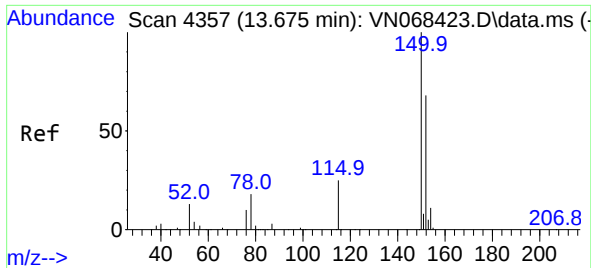
Tgt Ion: 95 Resp: 296643
Ion Ratio Lower Upper
95 100
174 94.5 0.0 214.0
176 91.4 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068444.D
Acq: 9 Sep 2021 16:09

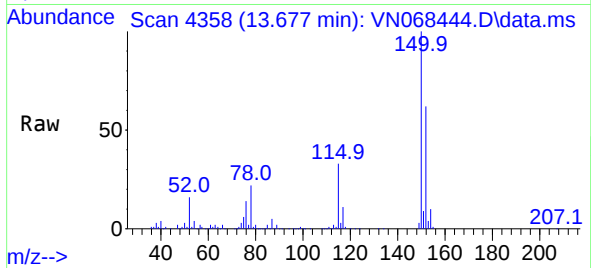
Tgt Ion: 117 Resp: 733174
Ion Ratio Lower Upper
117 100
82 48.9 38.7 58.1
119 31.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068444.D
 Acq: 9 Sep 2021 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138981ZHE#13



Tgt Ion:152 Resp: 286877

Ion	Ratio	Lower	Upper
152	100		
115	54.5	25.6	76.6
150	159.3	0.0	346.8

