

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068952.D
 Acq On : 15 Oct 2021 16:21
 Operator : JC/MD
 Sample : PB139909TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB139909TB

Quant Time: Oct 18 02:16:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

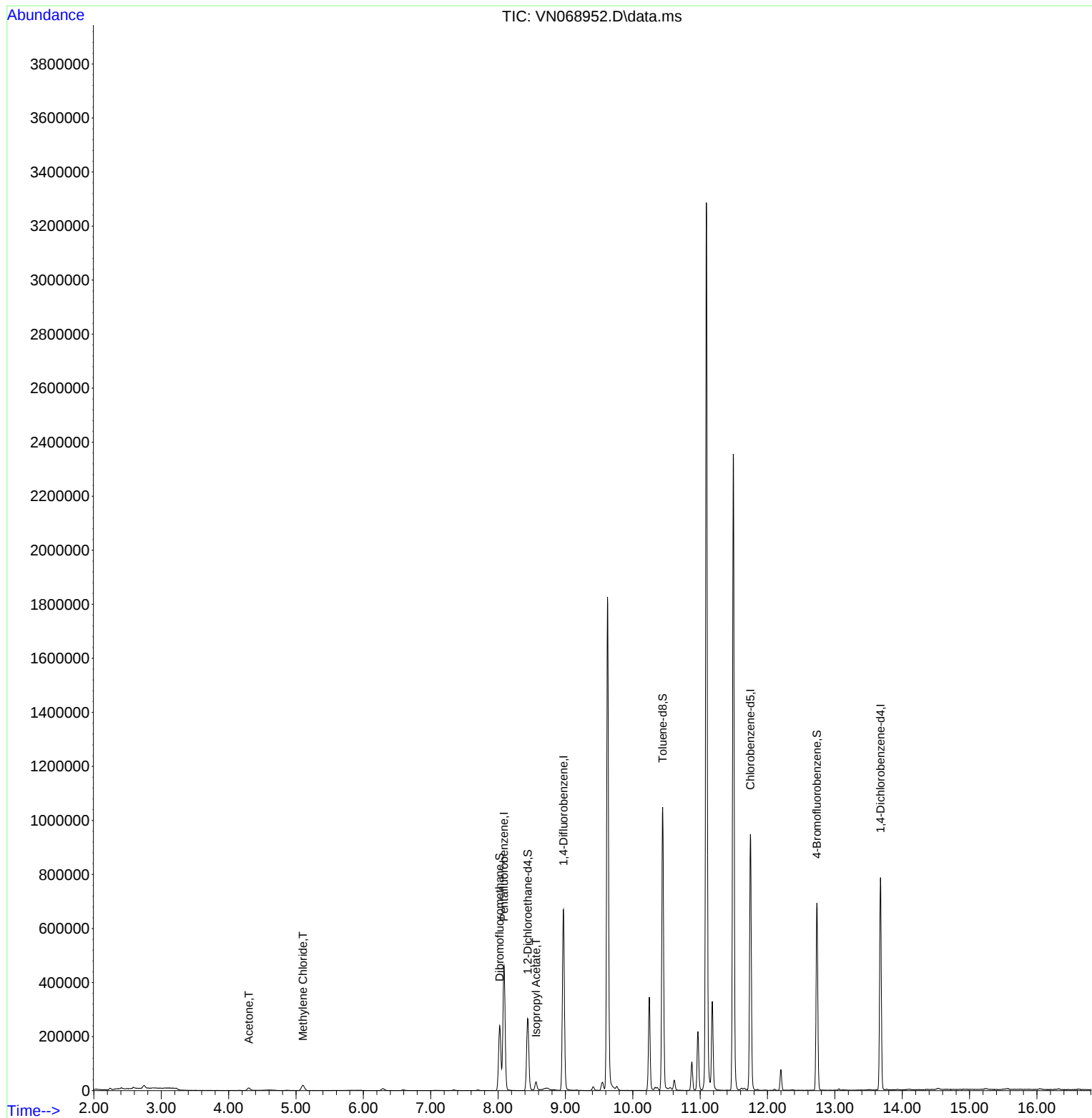
Internal Standards						
1) Pentafluorobenzene	8.088	168	352209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	605113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	556080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	207700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	224556	48.357	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.720%
35) Dibromofluoromethane	8.024	113	179589	51.011	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.020%
50) Toluene-d8	10.443	98	745205	52.902	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.800%
62) 4-Bromofluorobenzene	12.734	95	255569	48.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.180%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	18630	10.750	ug/l	97
20) Methylene Chloride	5.103	84	16555	4.151	ug/l	97
43) Isopropyl Acetate	8.563	43	39189	4.161	ug/l #	90

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

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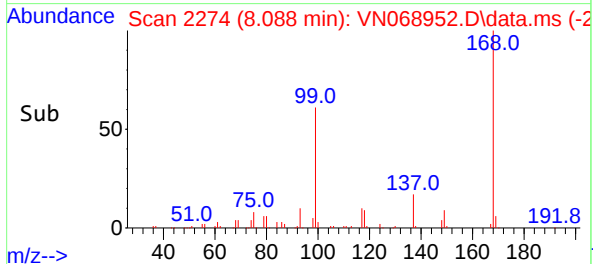
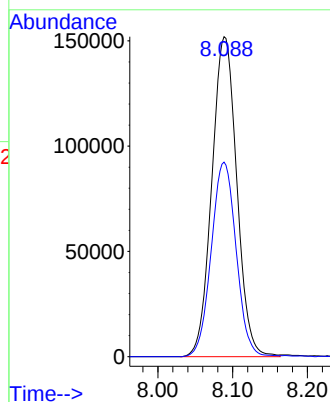
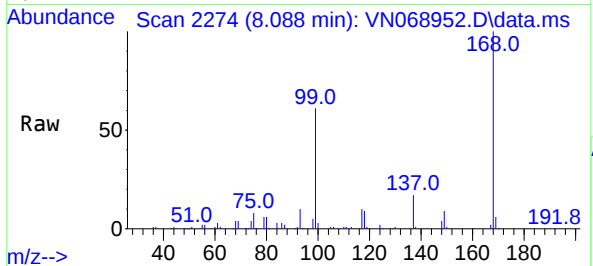




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

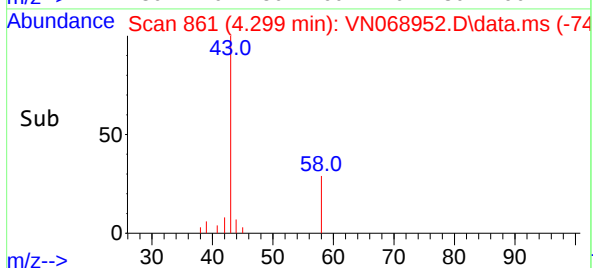
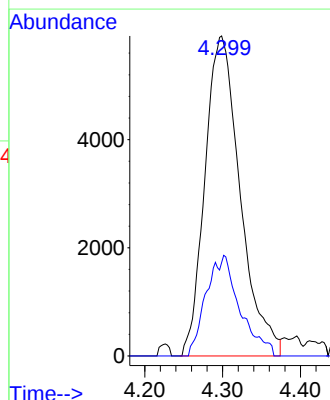
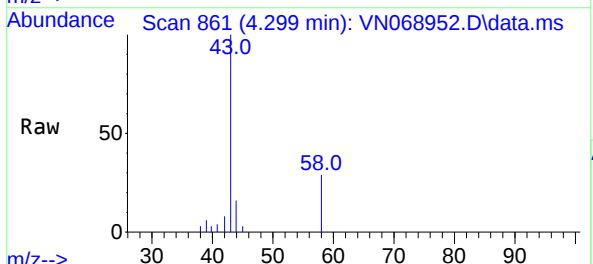
Instrument :
MSVOA_N
ClientSampleId :
PB139909TB

Tgt Ion:168 Resp: 352209
Ion Ratio Lower Upper
168 100
99 60.8 48.9 73.3



#16
Acetone
Concen: 10.750 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

Tgt Ion: 43 Resp: 18630
Ion Ratio Lower Upper
43 100
58 29.2 24.5 36.7



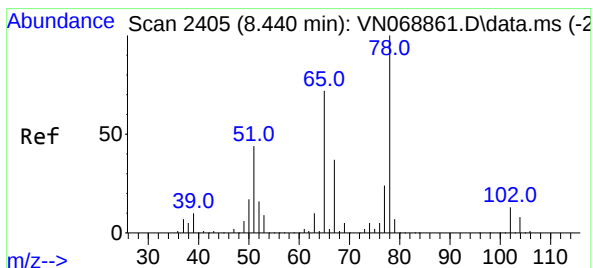
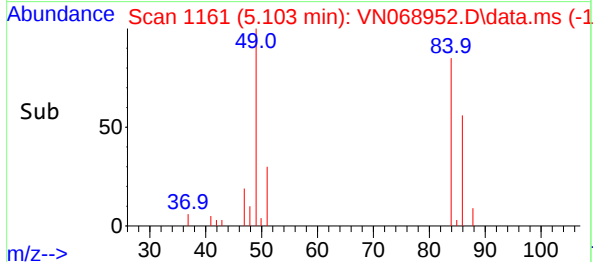
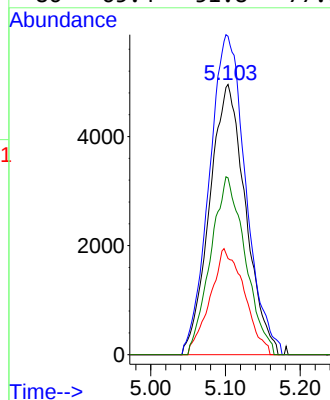
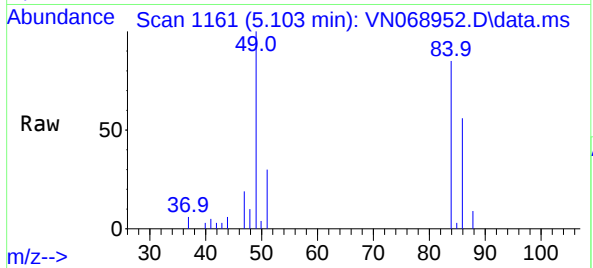


#20
Methylene Chloride
Concen: 4.151 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB139909TB

Tgt Ion: 84 Resp: 16555

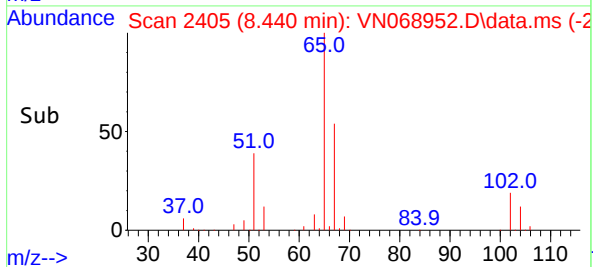
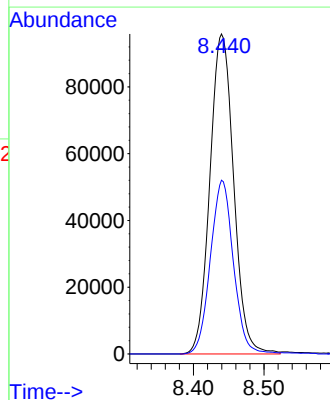
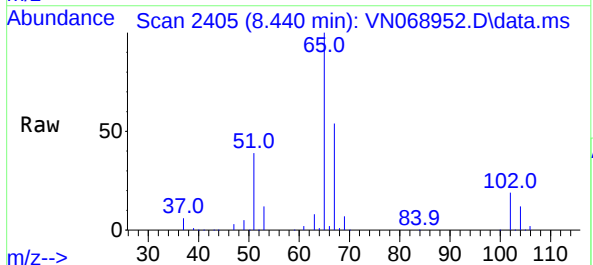
Ion	Ratio	Lower	Upper
84	100		
49	117.8	97.6	146.4
51	35.6	30.3	45.5
86	65.4	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 48.357 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

Tgt Ion: 65 Resp: 224556

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.8

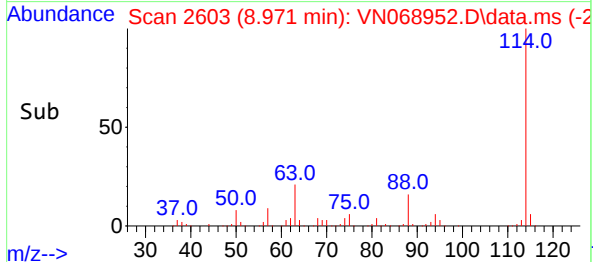
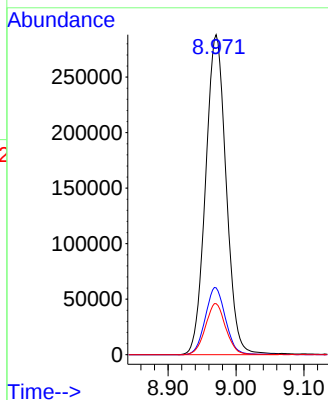
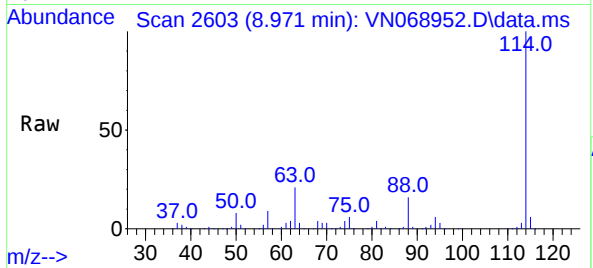




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

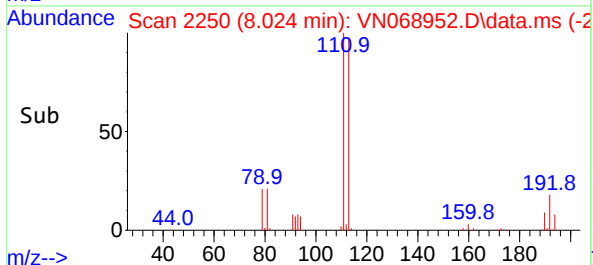
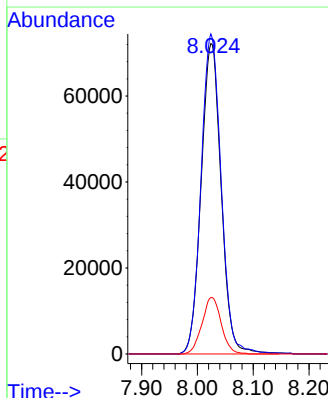
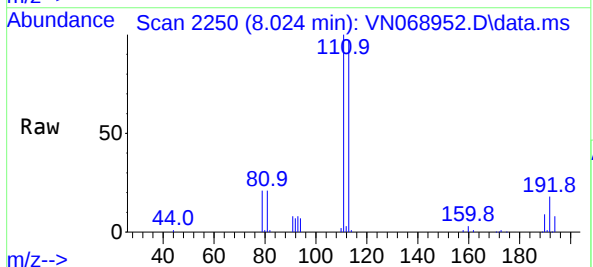
Instrument :
MSVOA_N
ClientSampleId :
PB139909TB

Tgt Ion:114 Resp: 605113
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.011 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

Tgt Ion:113 Resp: 179589
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 17.5 15.0 22.4

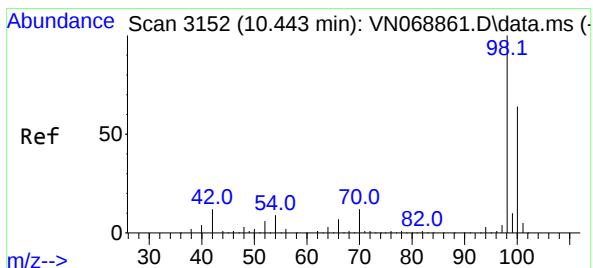
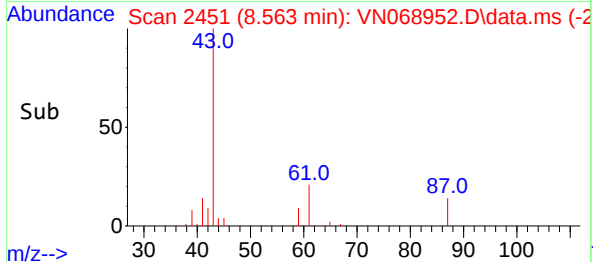
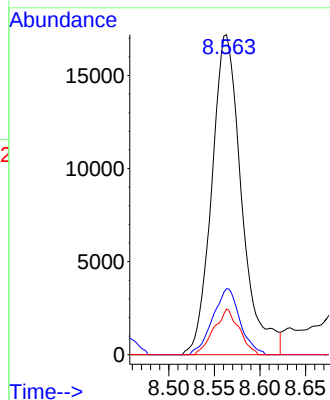
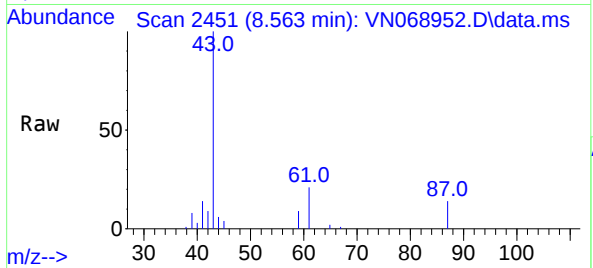




#43
Isopropyl Acetate
Concen: 4.161 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

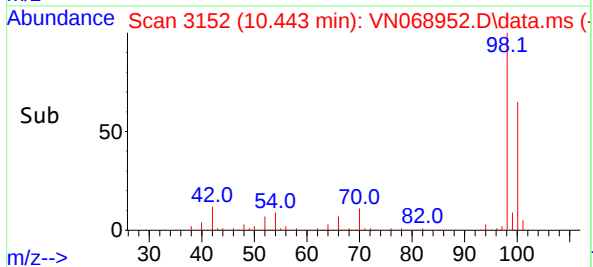
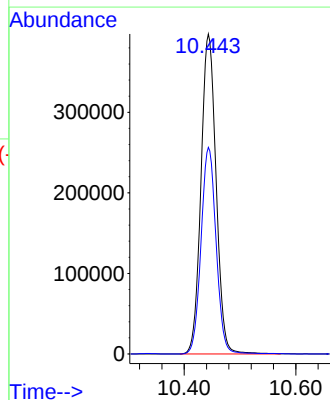
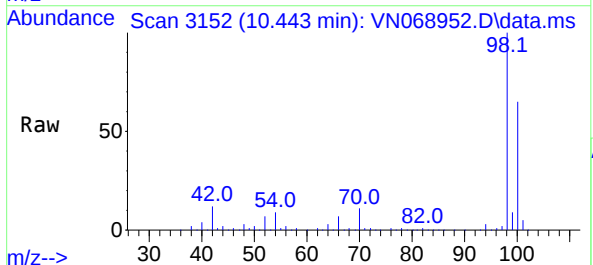
Instrument :
MSVOA_N
ClientSampleId :
PB139909TB

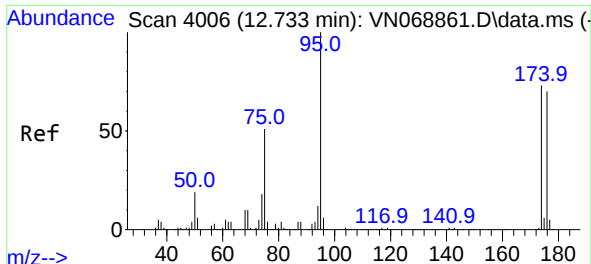
Tgt Ion: 43 Resp: 39189
Ion Ratio Lower Upper
43 100
61 18.9 20.4 30.6#
87 11.9 10.7 16.1



#50
Toluene-d8
Concen: 52.902 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

Tgt Ion: 98 Resp: 745205
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

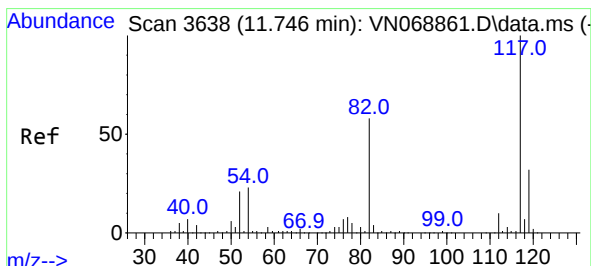
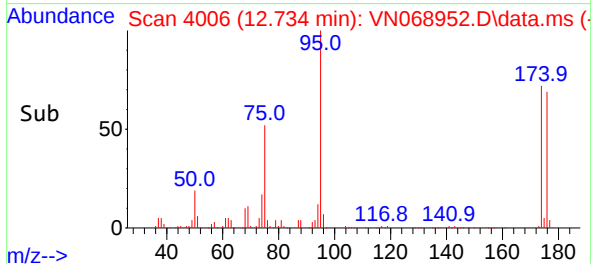
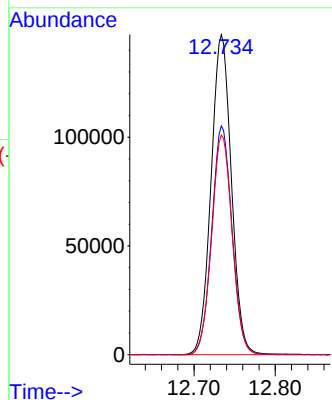
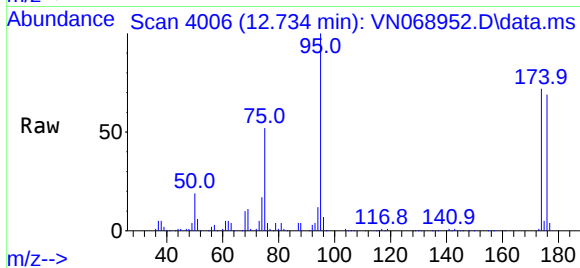




#62
4-Bromofluorobenzene
Concen: 48.087 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

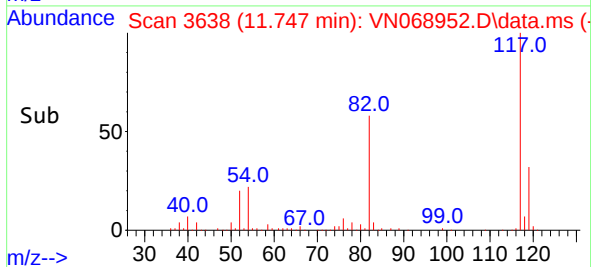
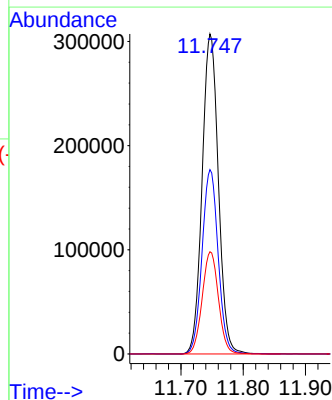
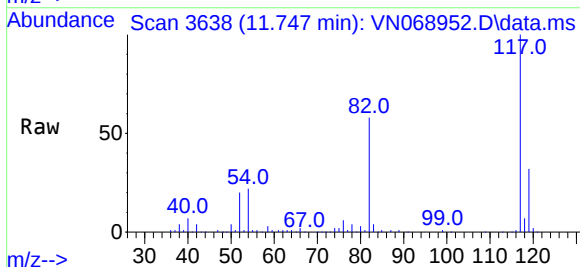
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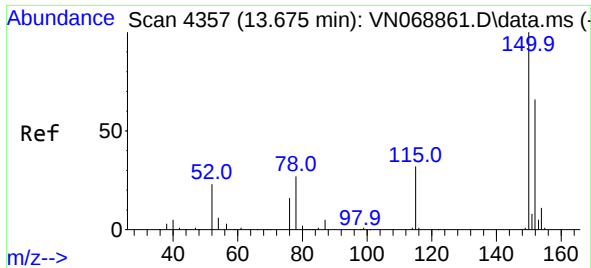
Tgt Ion: 95 Resp: 255569
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.8
176 69.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

Tgt Ion: 117 Resp: 556080
Ion Ratio Lower Upper
117 100
82 57.6 46.4 69.6
119 31.9 26.0 39.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068952.D
Acq: 15 Oct 2021 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB139909TB

Tgt Ion:152 Resp: 207700
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 157.1 0.0 351.0

