

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069304.D
 Acq On : 29 Oct 2021 16:30
 Operator : JC/MD
 Sample : PB140327TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB140327TB

Quant Time: Oct 30 05:43:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

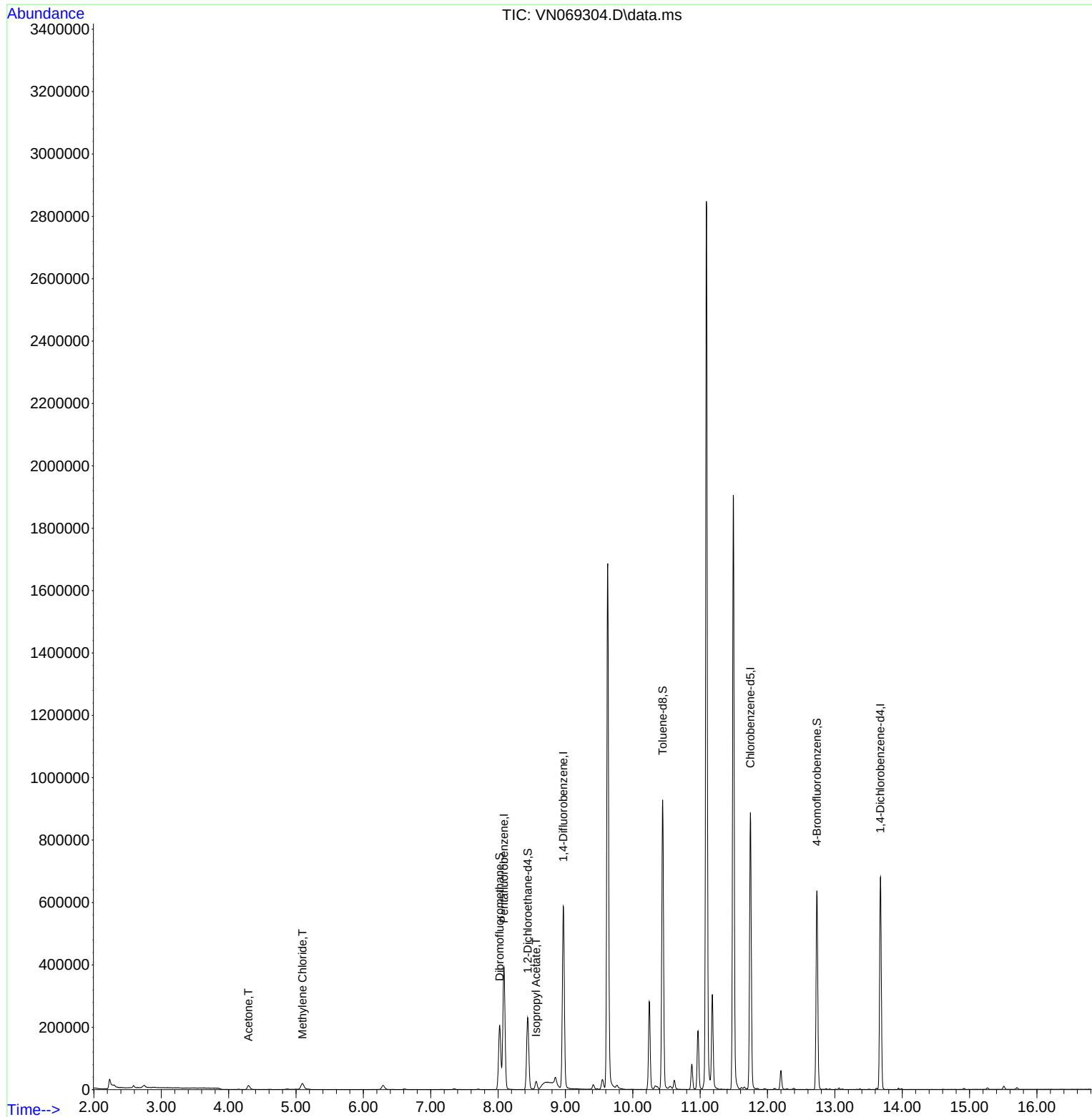
Internal Standards						
1) Pentafluorobenzene	8.088	168	287990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	519317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	519445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	181003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198278	47.694	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.380%
35) Dibromofluoromethane	8.024	113	149265	46.109	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.220%
50) Toluene-d8	10.443	98	655613	50.652	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.733	95	233500	47.807	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.620%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	24066	13.587	ug/l	100
20) Methylene Chloride	5.095	84	15118	4.450	ug/l	97
43) Isopropyl Acetate	8.566	43	30307	3.834	ug/l #	91

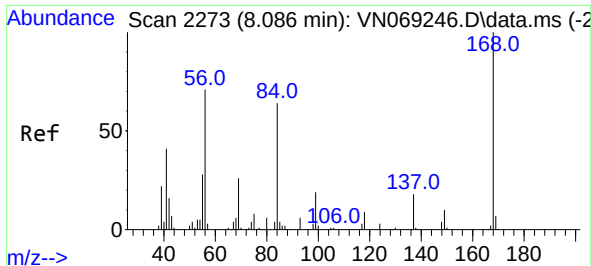
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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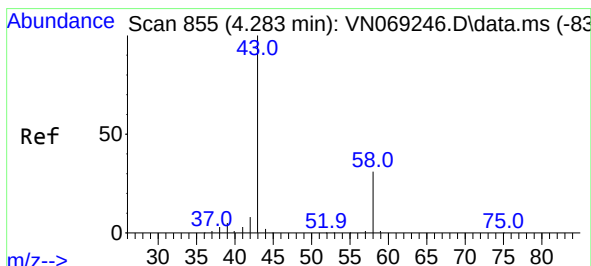
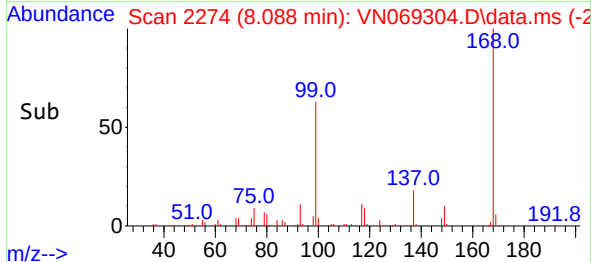
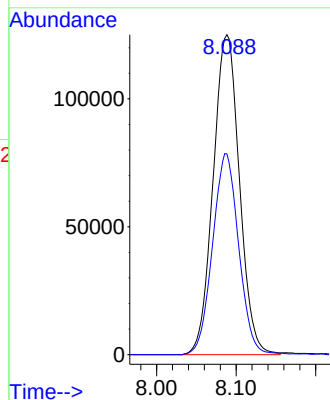
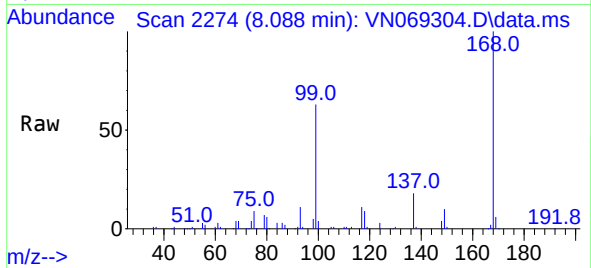




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

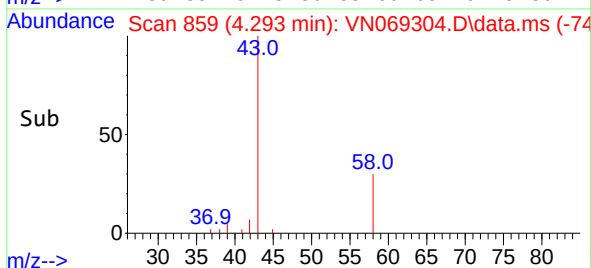
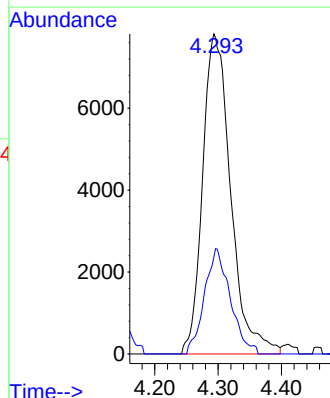
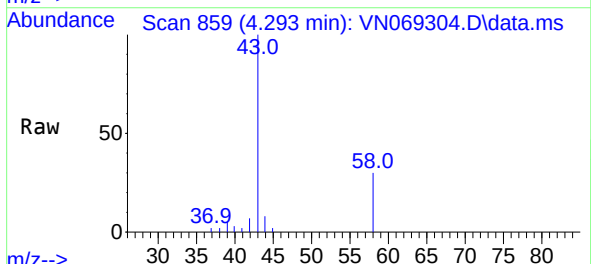
Instrument :
MSVOA_N
ClientSampleId :
PB140327TB

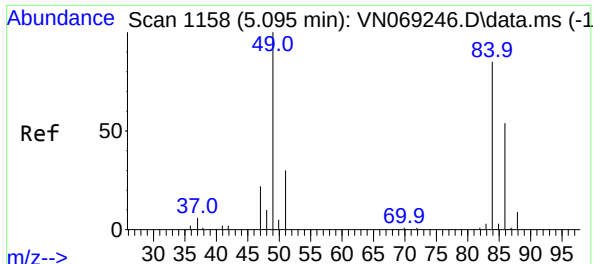
Tgt Ion:168 Resp: 287990
Ion Ratio Lower Upper
168 100
99 62.8 48.9 73.3



#16
Acetone
Concen: 13.587 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.010 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 43 Resp: 24066
Ion Ratio Lower Upper
43 100
58 30.4 24.5 36.7



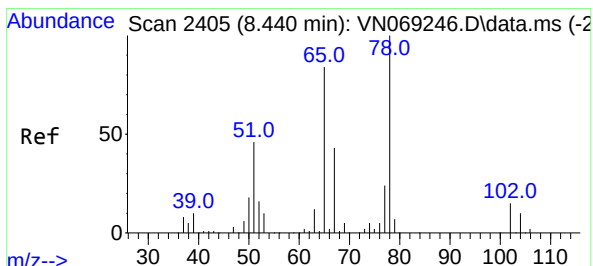
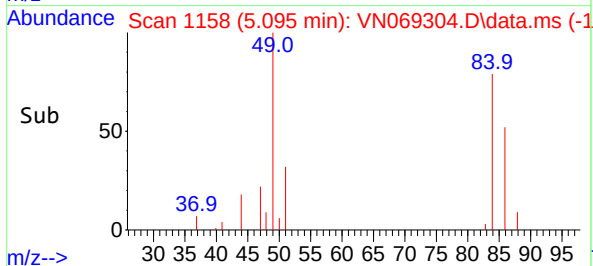
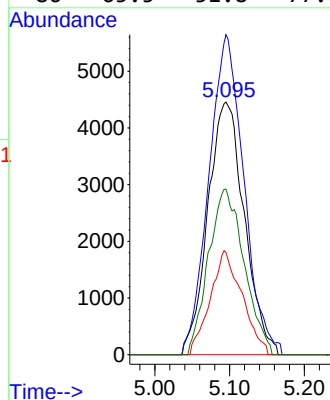
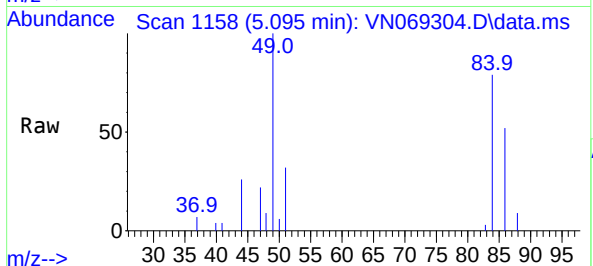


#20
Methylene Chloride
Concen: 4.450 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB140327TB

Tgt Ion: 84 Resp: 15118

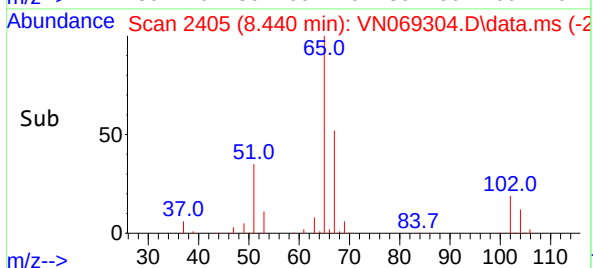
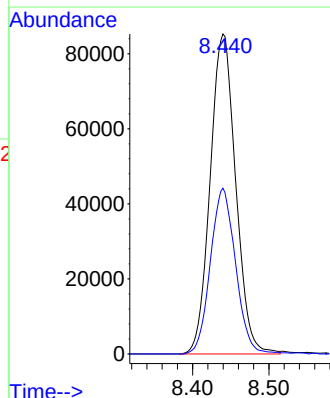
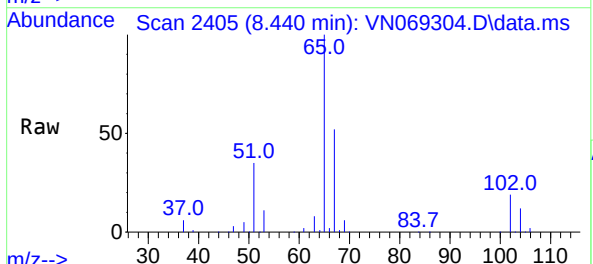
Ion	Ratio	Lower	Upper
84	100		
49	126.6	97.6	146.4
51	40.5	30.3	45.5
86	65.5	51.8	77.6

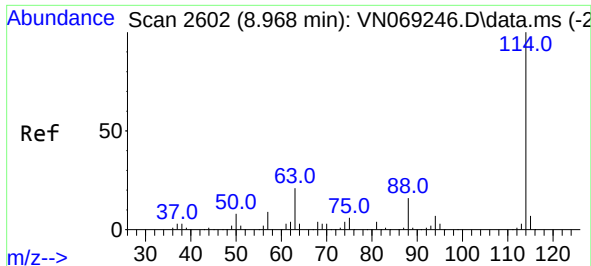


#33
1,2-Dichloroethane-d4
Concen: 47.694 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 65 Resp: 198278

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

Instrument :

MSVOA_N

ClientSampleId :

PB140327TB

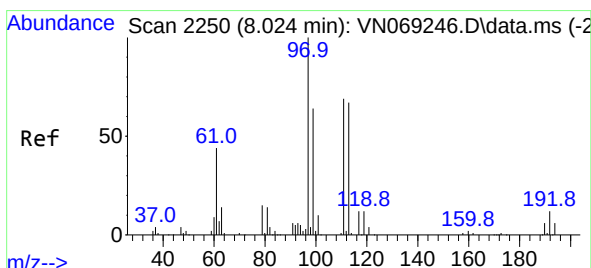
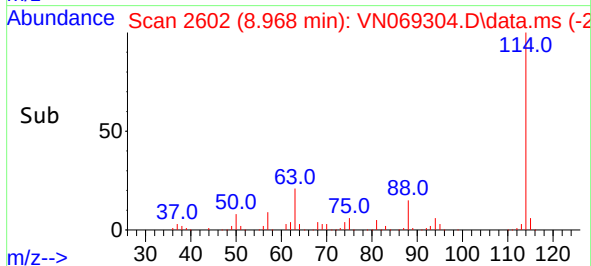
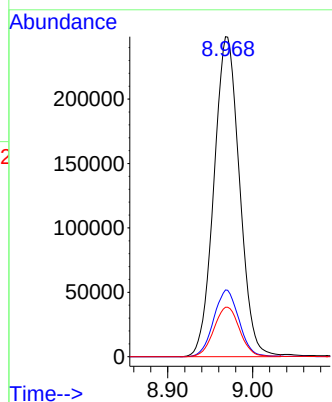
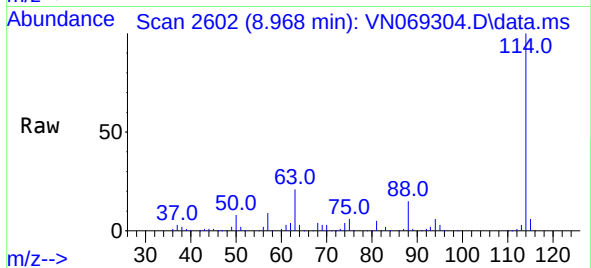
Tgt Ion:114 Resp: 519317

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.109 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

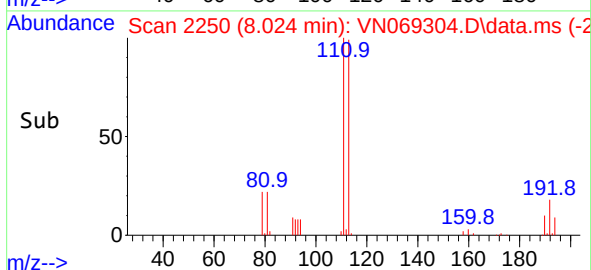
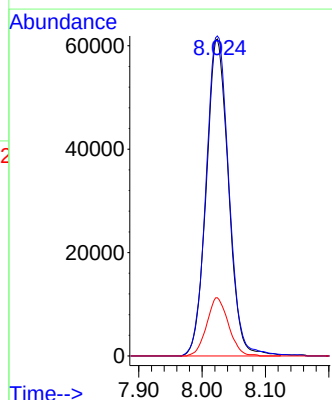
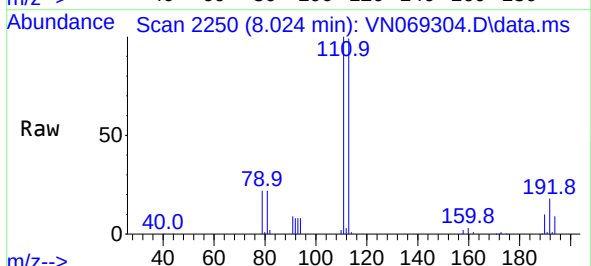
Tgt Ion:113 Resp: 149265

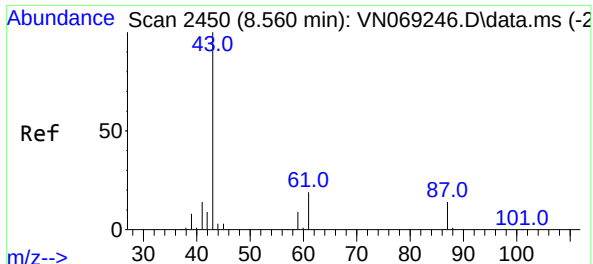
Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

192 17.9 15.0 22.4

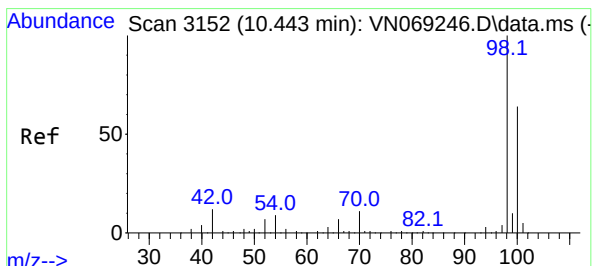
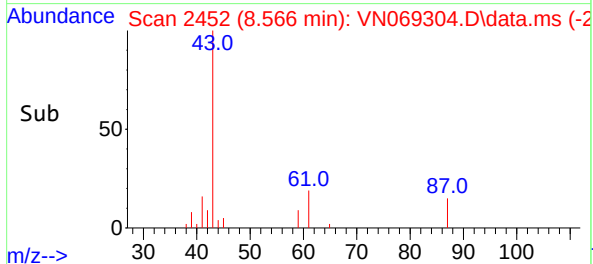
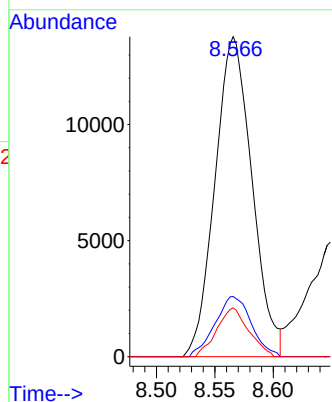
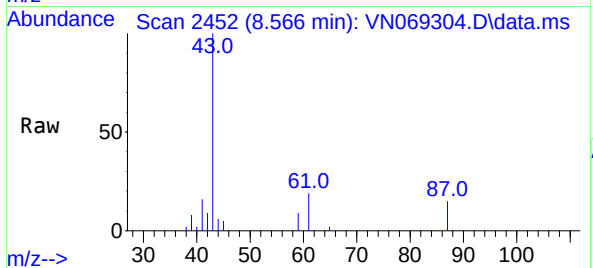




#43
Isopropyl Acetate
Concen: 3.834 ug/l
RT: 8.566 min Scan# 2450
Delta R.T. 0.006 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

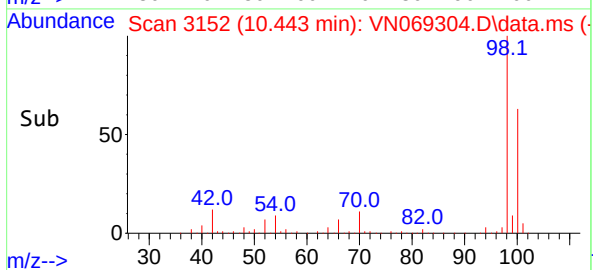
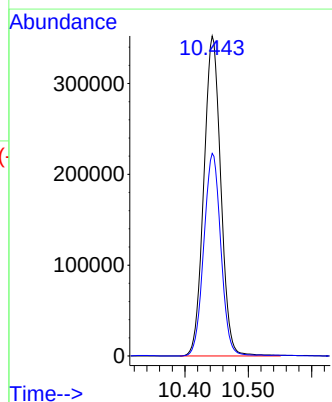
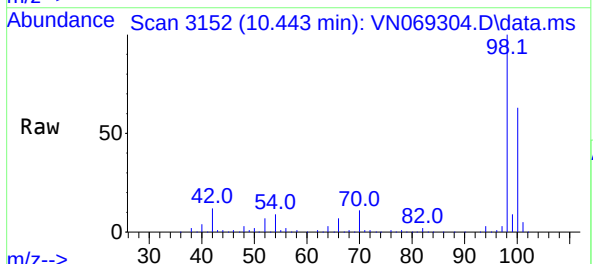
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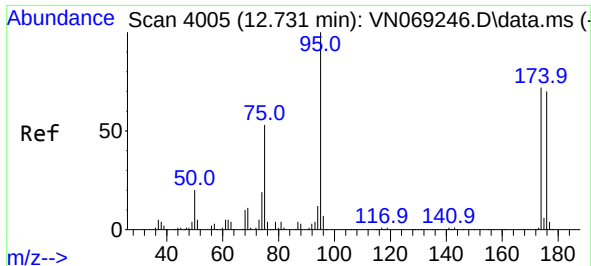
Tgt Ion: 43 Resp: 30307
Ion Ratio Lower Upper
43 100
61 18.5 20.4 30.6#
87 13.2 10.7 16.1



#50
Toluene-d8
Concen: 50.652 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 98 Resp: 655613
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3

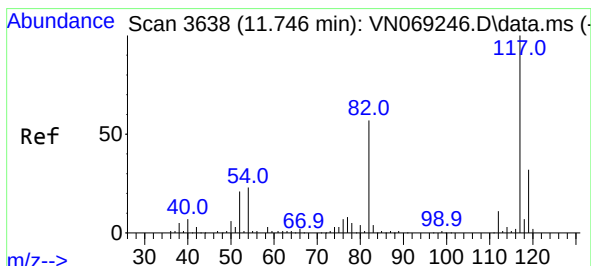
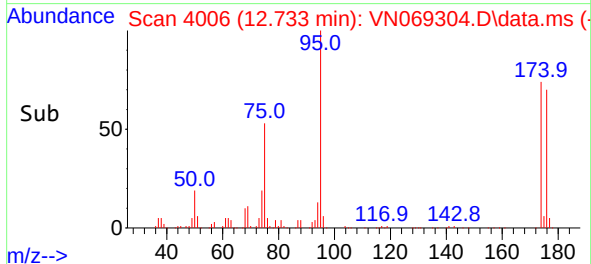
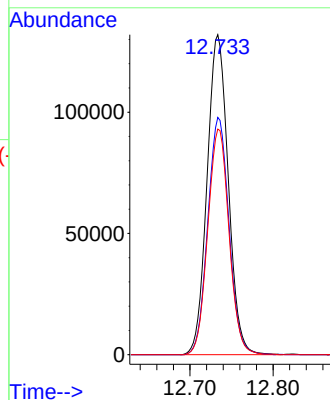
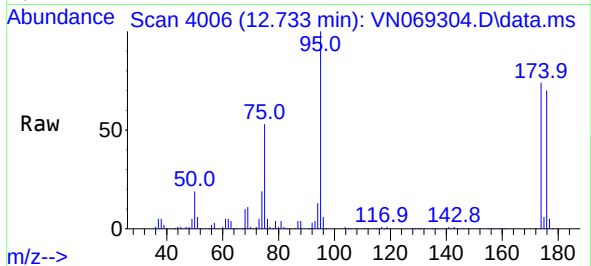




#62
4-Bromofluorobenzene
Concen: 47.807 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

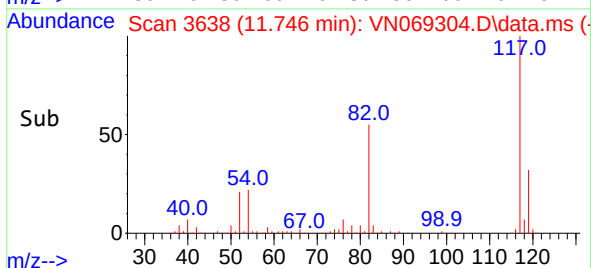
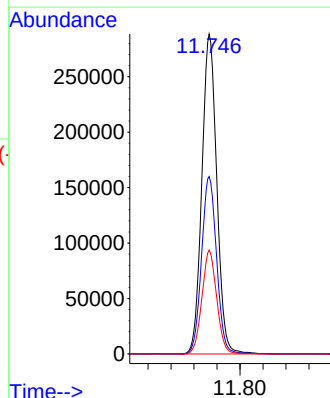
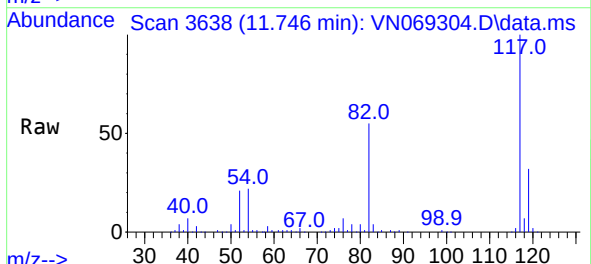
Instrument :
MSVOA_N
ClientSampleId :
PB140327TB

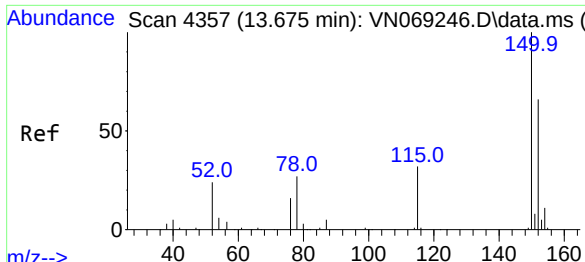
Tgt Ion: 95 Resp: 233500
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.8
176 70.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

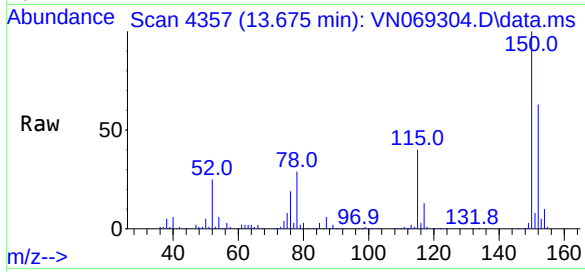
Tgt Ion: 117 Resp: 519445
Ion Ratio Lower Upper
117 100
82 55.5 46.4 69.6
119 32.5 26.0 39.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Instrument :
MSVOA_N
ClientSampleId :
PB140327TB



Tgt Ion:152 Resp: 181003
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 158.1 0.0 351.0

