

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069982.D
 Acq On : 11 Dec 2021 3:01
 Operator : JC/MD
 Sample : PB141287ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141287ZHE#01

Quant Time: Dec 11 05:30:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

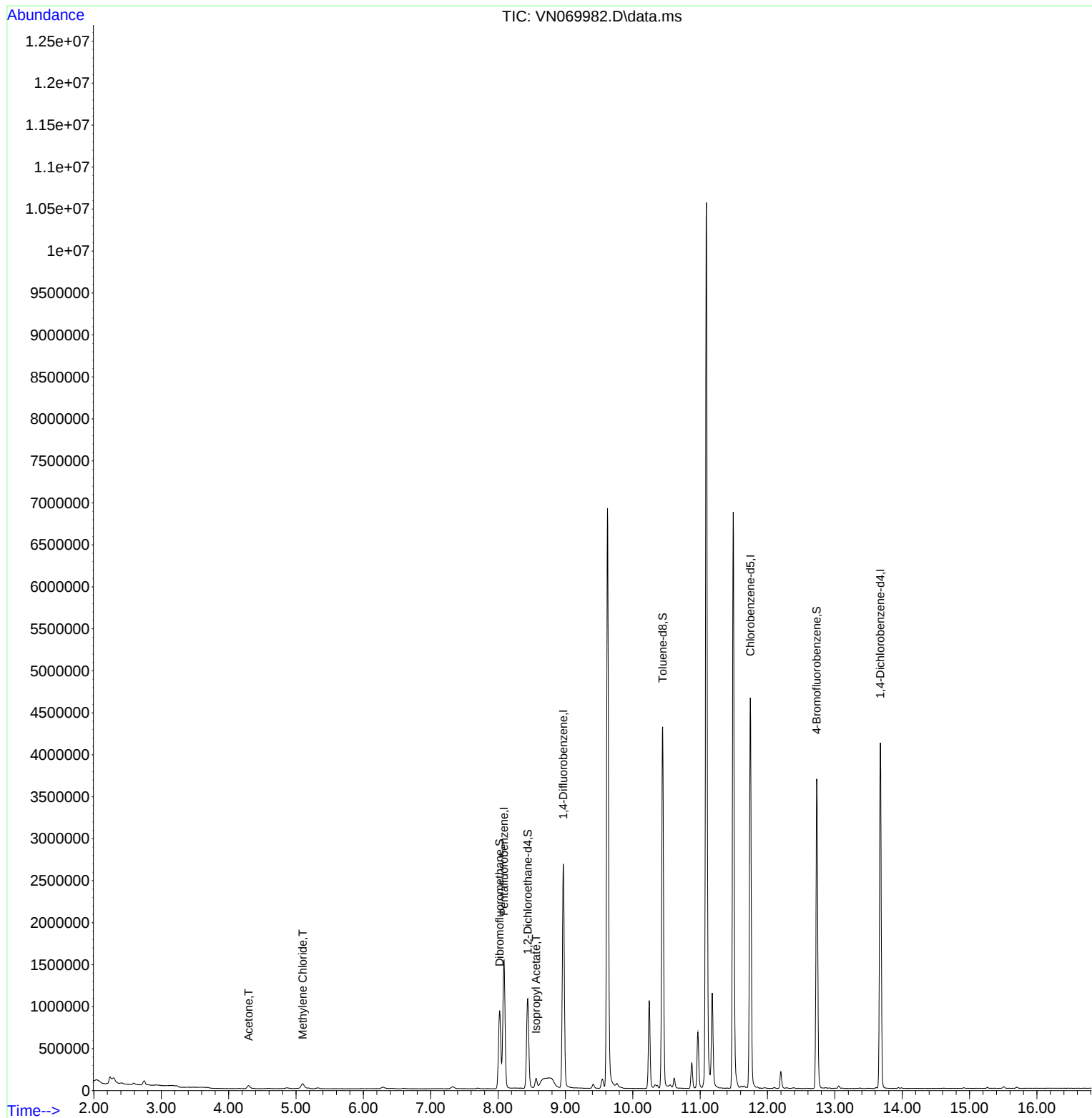
Internal Standards						
1) Pentafluorobenzene	8.088	168	1129327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2188265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2579457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1078690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	923246	52.948	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.900%
35) Dibromofluoromethane	8.024	113	676832	49.379	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.760%
50) Toluene-d8	10.443	98	2931732	53.268	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.731	95	1274537	63.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	127.840%
Target Compounds						
						Qvalue
16) Acetone	4.296	43	69124	6.590	ug/l	100
20) Methylene Chloride	5.101	84	40167	2.881	ug/l #	78
43) Isopropyl Acetate	8.563	43	143678	3.131	ug/l #	82

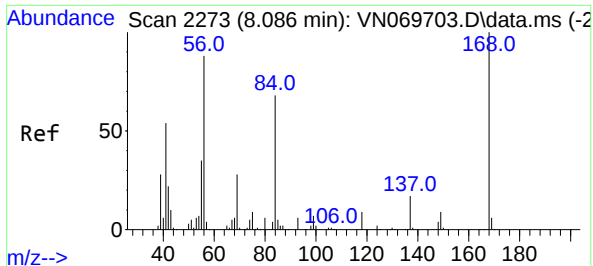
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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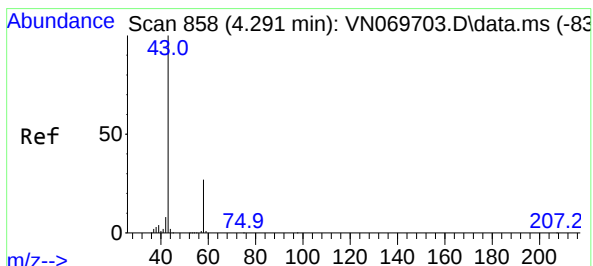
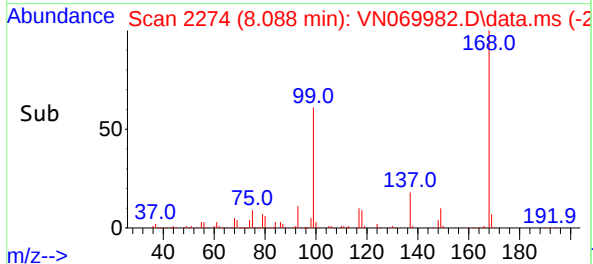
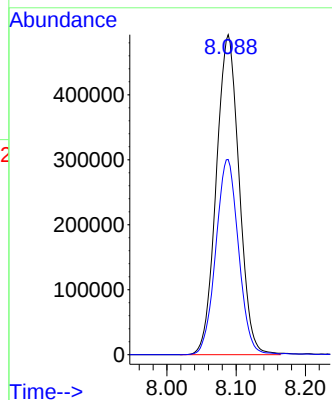
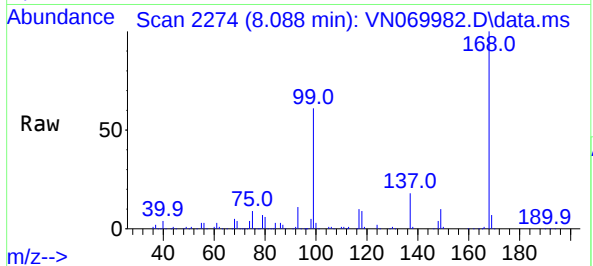




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069982.D
Acq: 11 Dec 2021 3:01

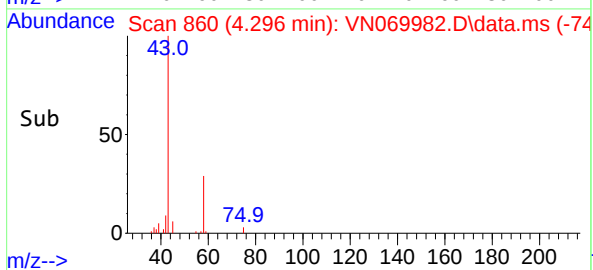
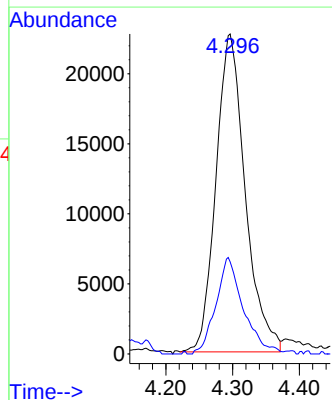
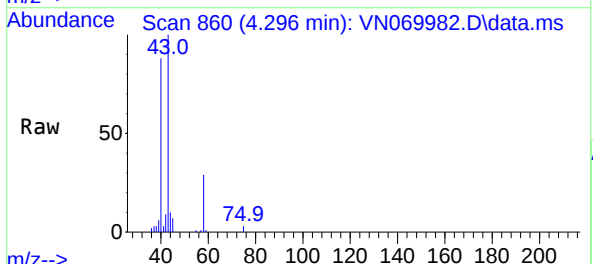
Instrument :
MSVOA_N
ClientSampleId :
PB141287ZHE#01

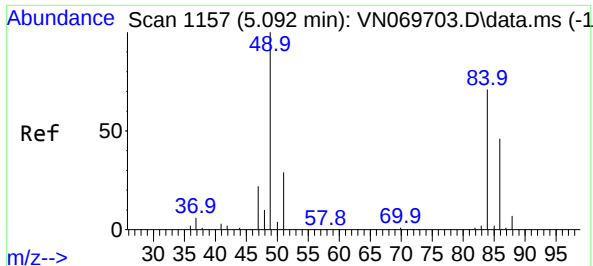
Tgt Ion:168 Resp: 1129327
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#16
Acetone
Concen: 6.590 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.006 min
Lab File: VN069982.D
Acq: 11 Dec 2021 3:01

Tgt Ion: 43 Resp: 69124
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7



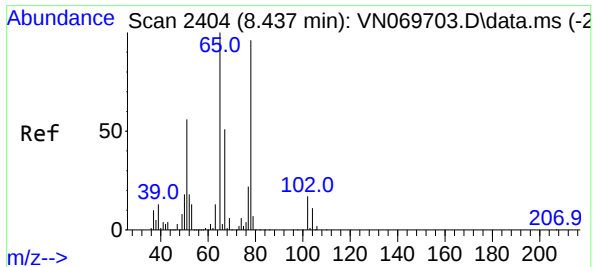
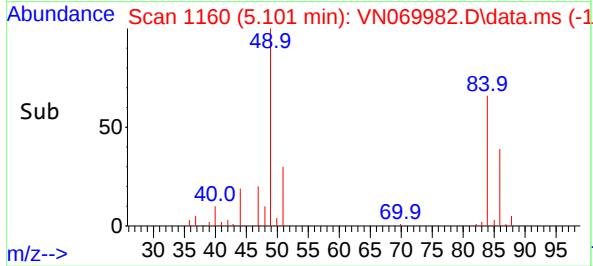
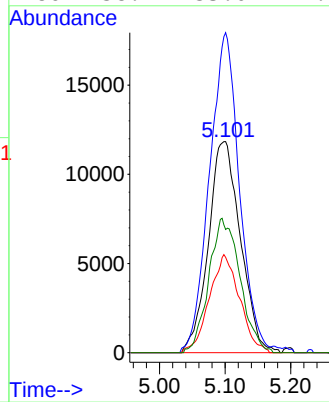
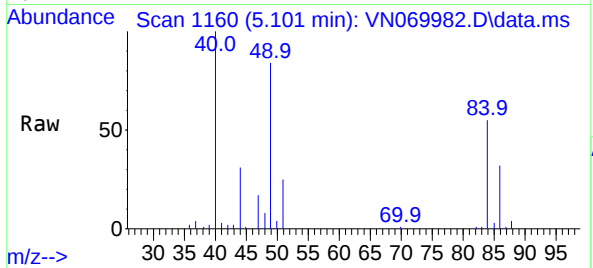


#20
Methylene Chloride
Concen: 2.881 ug/l
RT: 5.101 min Scan# 1157
Delta R.T. 0.008 min
Lab File: VN069982.D
Acq: 11 Dec 2021 3:01

Instrument :
MSVOA_N
ClientSampleId :
PB141287ZHE#01

Tgt Ion: 84 Resp: 40167

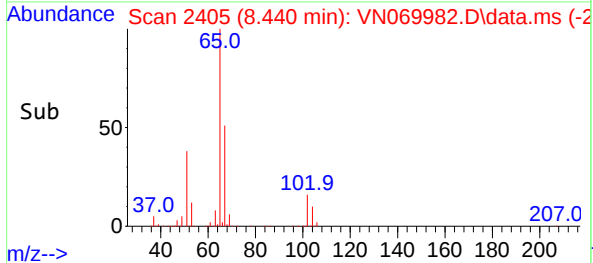
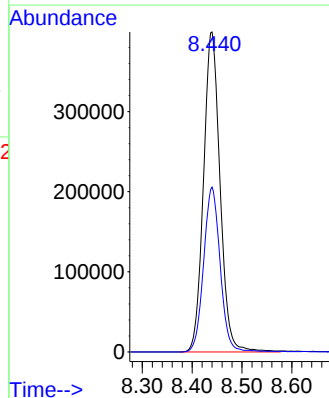
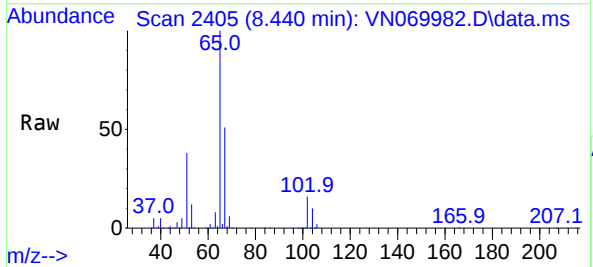
Ion	Ratio	Lower	Upper
84	100		
49	151.6	93.5	140.3#
51	45.2	29.4	44.2#
86	58.4	53.0	79.4

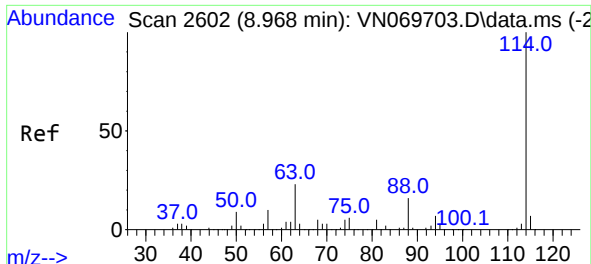


#33
1,2-Dichloroethane-d4
Concen: 52.948 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069982.D
Acq: 11 Dec 2021 3:01

Tgt Ion: 65 Resp: 923246

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0

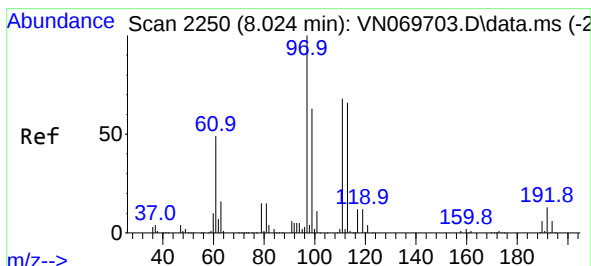
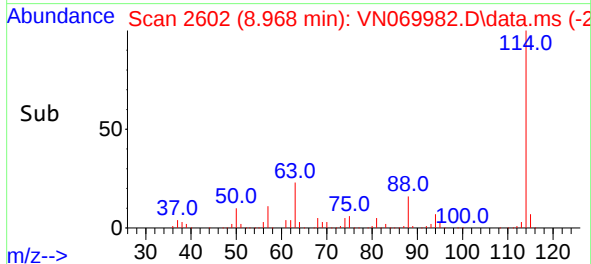
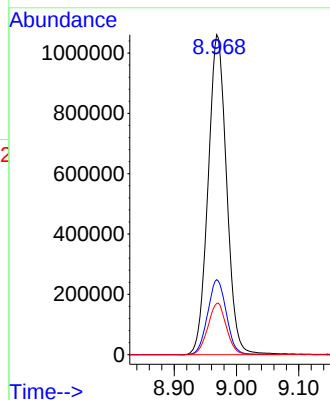
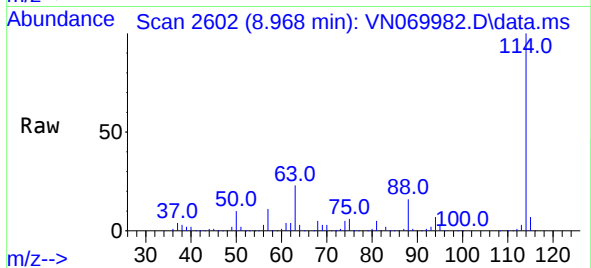




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN069982.D
Acq: 11 Dec 2021 3:01

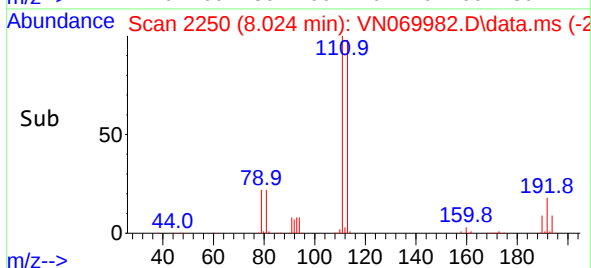
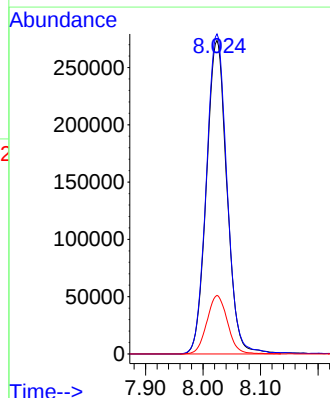
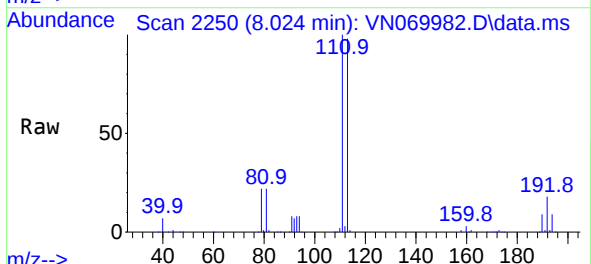
Instrument :
MSVOA_N
ClientSampleId :
PB141287ZHE#01

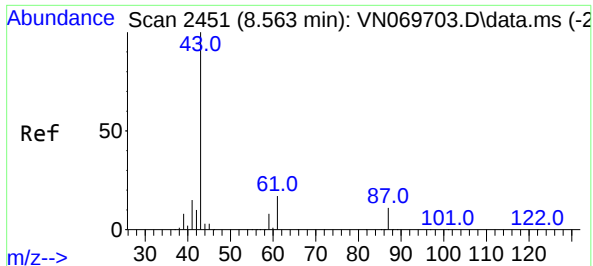
Tgt Ion:114 Resp: 2188265
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.379 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069982.D
Acq: 11 Dec 2021 3:01

Tgt Ion:113 Resp: 676832
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.7 16.9 25.3

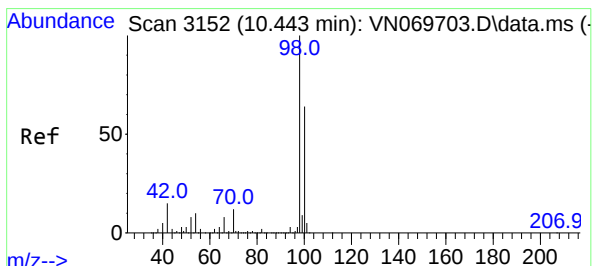
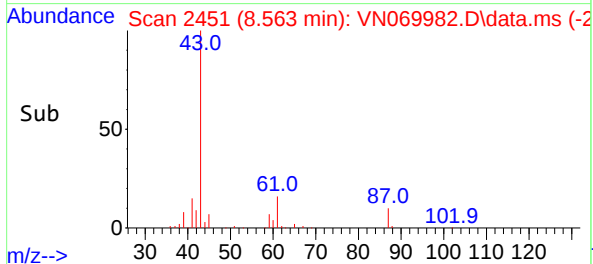
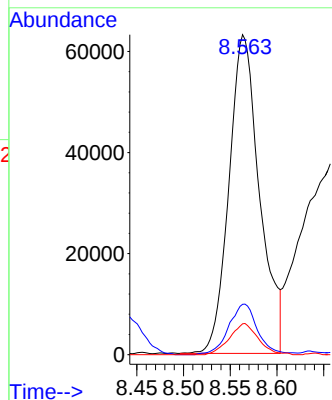
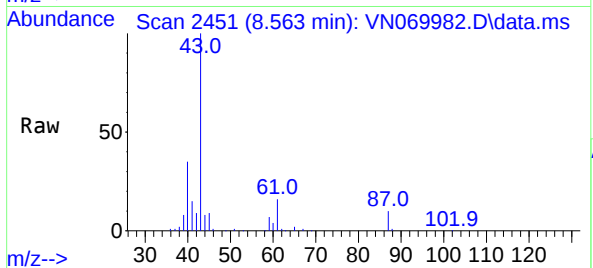




#43
Isopropyl Acetate
Concen: 3.131 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069982.D
Acq: 11 Dec 2021 3:01

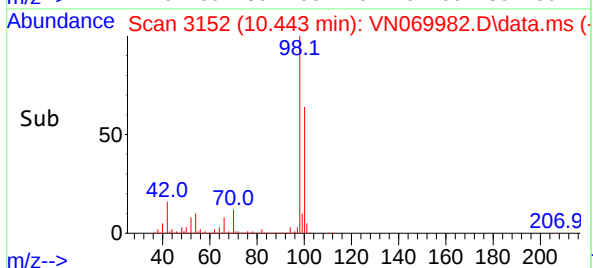
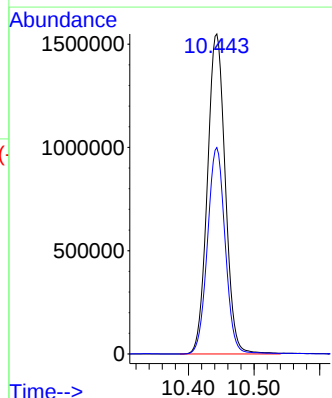
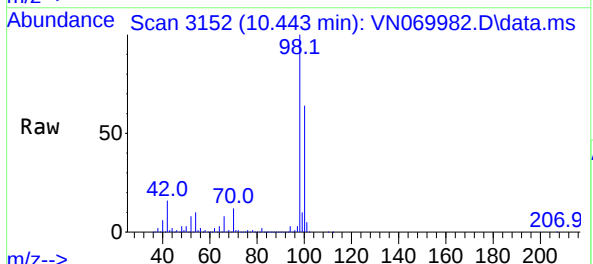
Instrument :
MSVOA_N
ClientSampleId :
PB141287ZHE#01

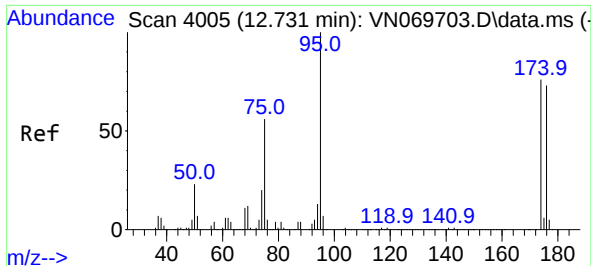
Tgt Ion: 43 Resp: 143678
Ion Ratio Lower Upper
43 100
61 15.1 20.4 30.6#
87 9.2 11.2 16.8#



#50
Toluene-d8
Concen: 53.268 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069982.D
Acq: 11 Dec 2021 3:01

Tgt Ion: 98 Resp: 2931732
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 63.922 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.000 min

Lab File: VN069982.D

Acq: 11 Dec 2021 3:01

Instrument :

MSVOA_N

ClientSampleId :

PB141287ZHE#01

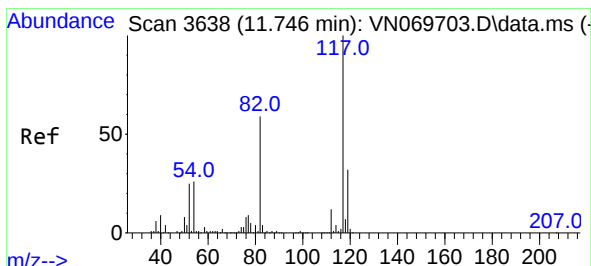
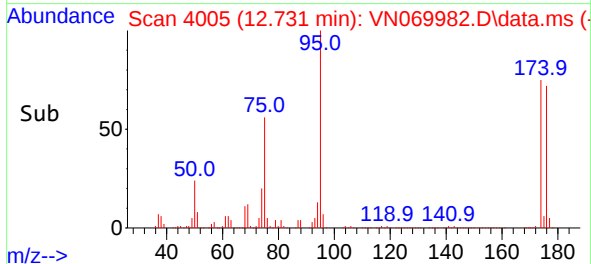
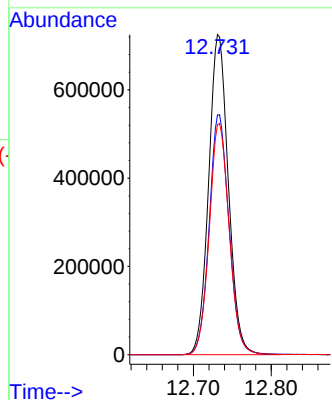
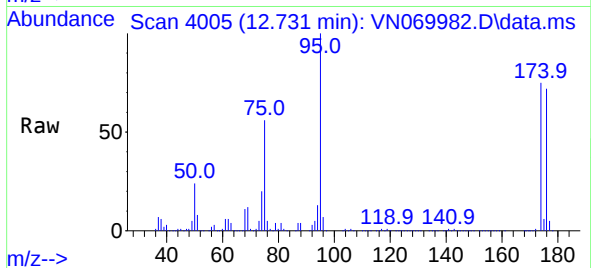
Tgt Ion: 95 Resp: 1274537

Ion Ratio Lower Upper

95 100

174 75.5 0.0 187.2

176 72.8 0.0 181.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.001 min

Lab File: VN069982.D

Acq: 11 Dec 2021 3:01

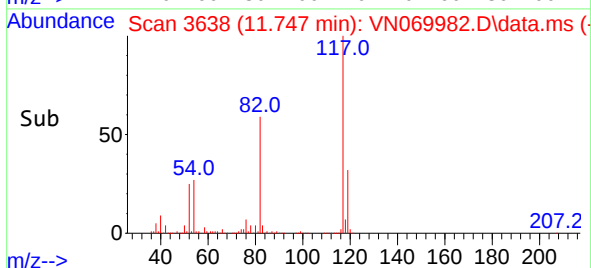
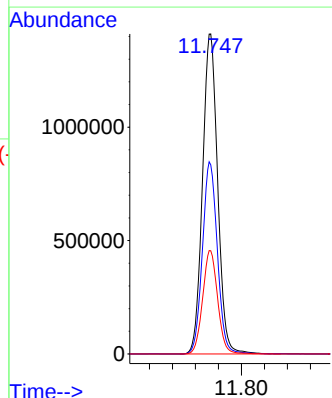
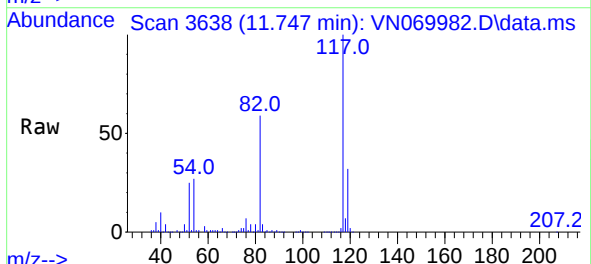
Tgt Ion: 117 Resp: 2579457

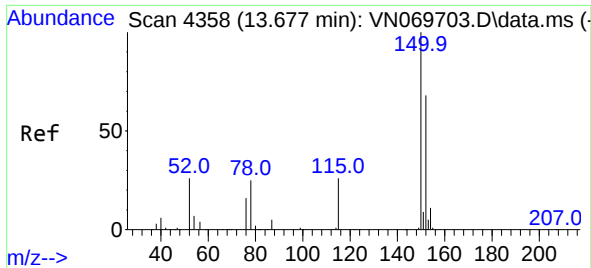
Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

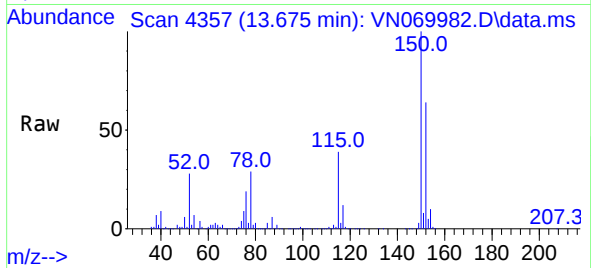
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069982.D
 Acq: 11 Dec 2021 3:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141287ZHE#01



Tgt Ion:152 Resp: 1078690

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.5	82.5
150	157.3	0.0	344.4

