

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069938.D
 Acq On : 10 Dec 2021 3:21
 Operator : JC/MD
 Sample : PB141262ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141262ZHE#04

Quant Time: Dec 10 08:13:38 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)

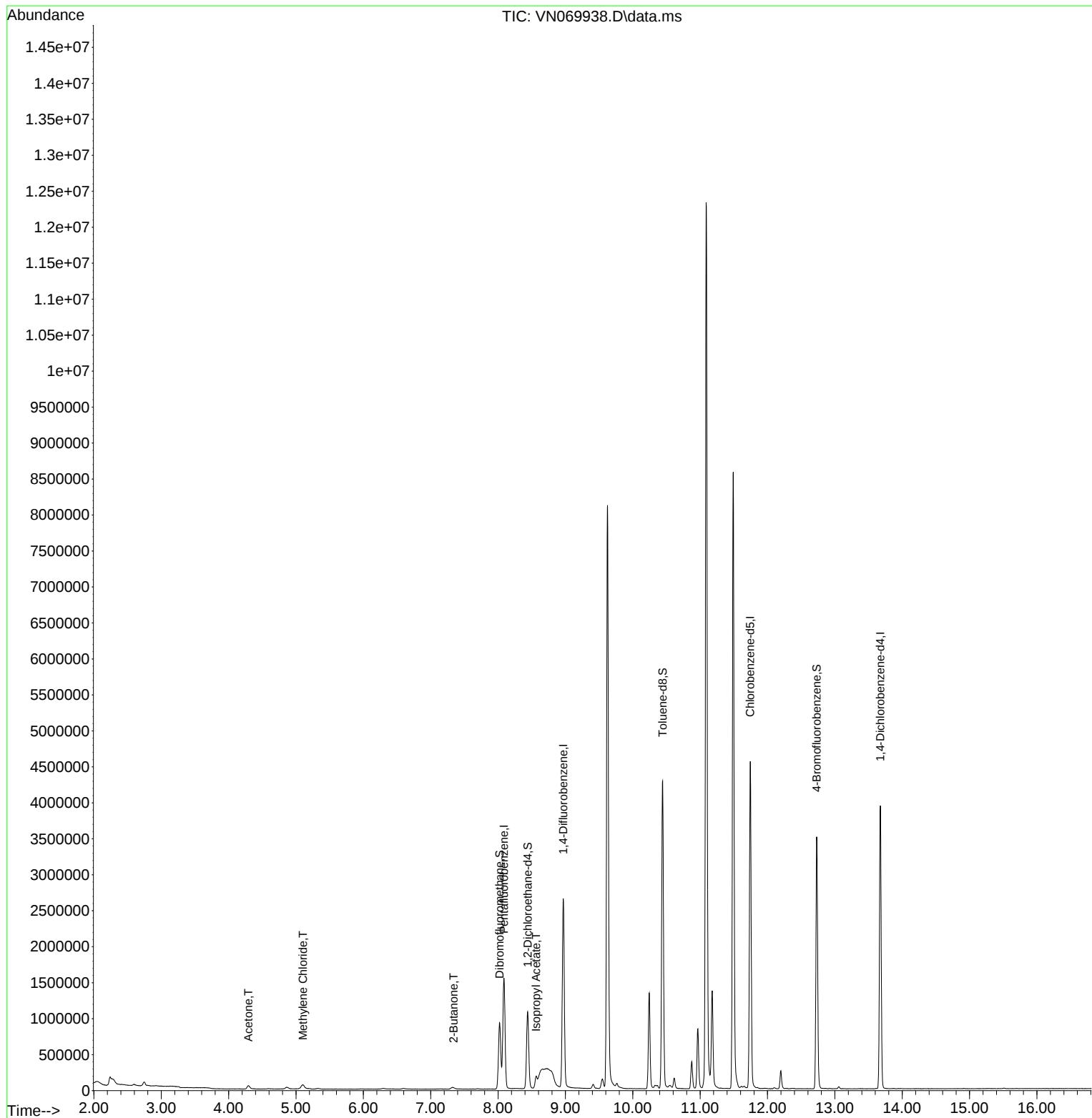
Internal Standards						
1) Pentafluorobenzene	8.088	168	1145497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2202978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2510051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1027929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	918222	51.917	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.840%
35) Dibromofluoromethane	8.021	113	672486	48.734	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.460%
50) Toluene-d8	10.443	98	2912320	52.562	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.120%
62) 4-Bromofluorobenzene	12.731	95	1207883	60.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	120.340%
Target Compounds						
						Qvalue
16) Acetone	4.293	43	85777	8.062	ug/l	91
20) Methylene Chloride	5.103	84	40397	2.856	ug/l #	86
25) 2-Butanone	7.340	43	16624	1.150	ug/l	92
43) Isopropyl Acetate	8.563	43	192902	4.176	ug/l #	81

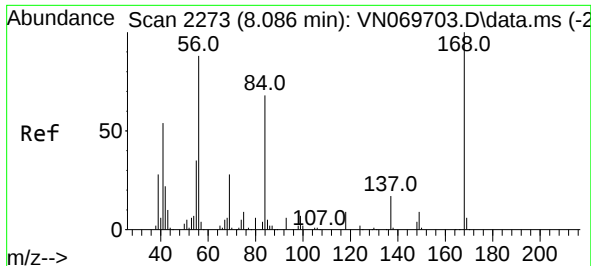
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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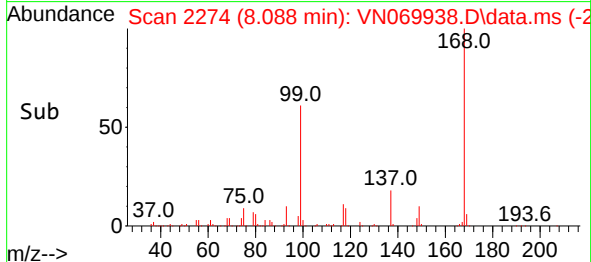
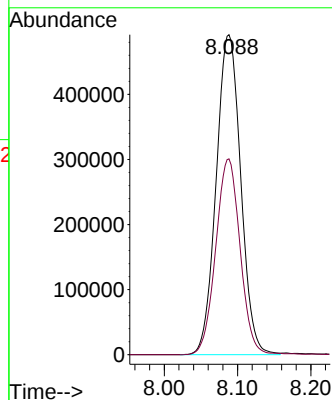
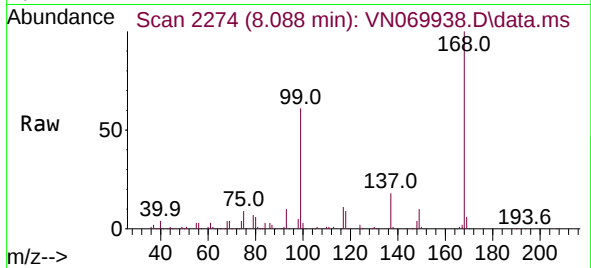




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069938.D
Acq: 10 Dec 2021 3:21

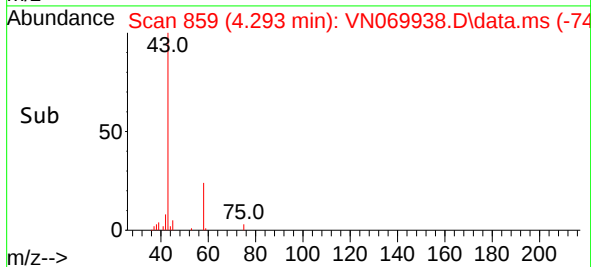
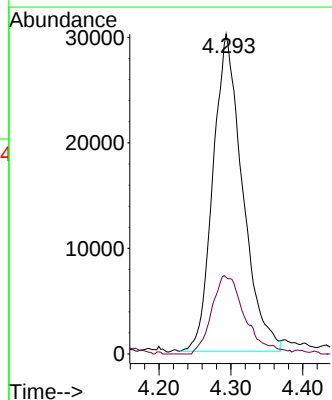
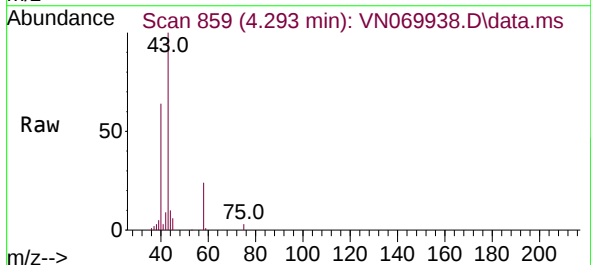
Instrument :
MSVOA_N
ClientSampleId :
PB141262ZHE#04

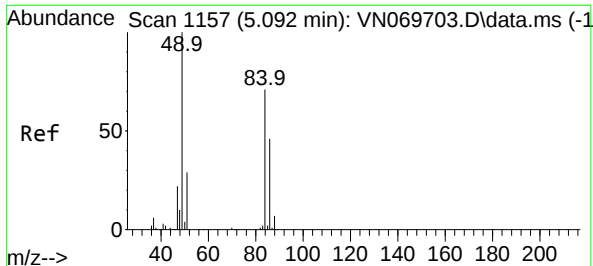
Tgt Ion:168 Resp: 1145497
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9



#16
Acetone
Concen: 8.062 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069938.D
Acq: 10 Dec 2021 3:21

Tgt Ion: 43 Resp: 85777
Ion Ratio Lower Upper
43 100
58 24.1 23.1 34.7





#20

Methylene Chloride

Concen: 2.856 ug/l

RT: 5.103 min Scan# 1157

Delta R.T. 0.011 min

Lab File: VN069938.D

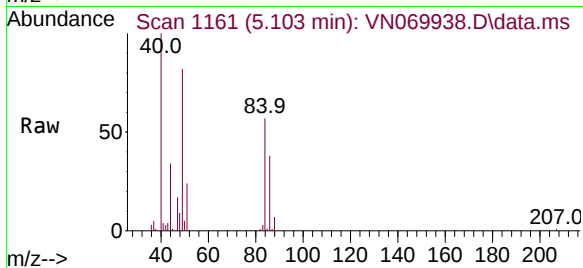
Acq: 10 Dec 2021 3:21

Instrument :

MSVOA_N

ClientSampleId :

PB141262ZHE#04



Tgt Ion: 84 Resp: 40397

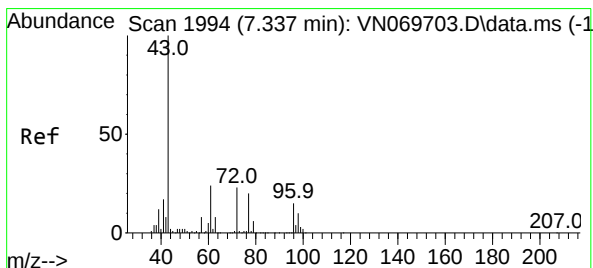
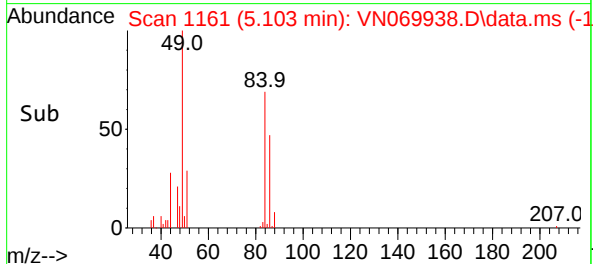
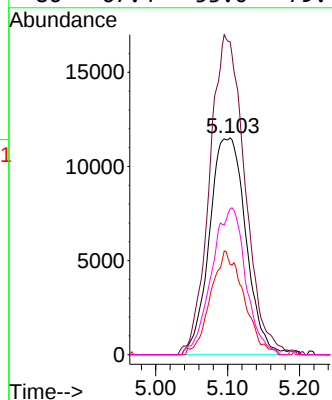
Ion Ratio Lower Upper

84 100

49 142.4 93.5 140.3#

51 41.6 29.4 44.2

86 67.4 53.0 79.4



#25

2-Butanone

Concen: 1.150 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN069938.D

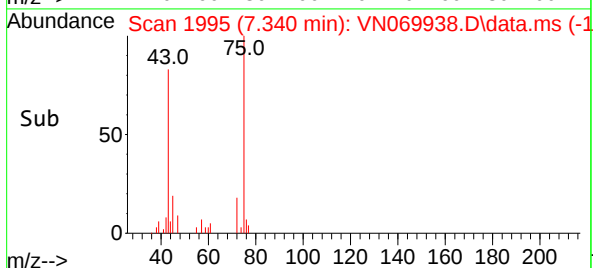
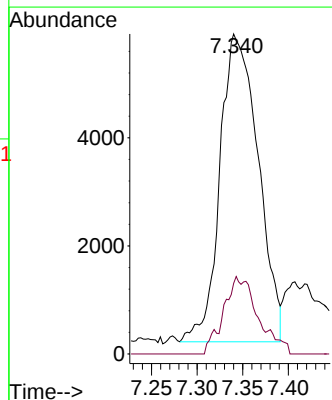
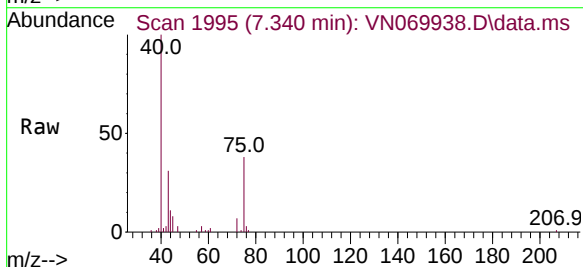
Acq: 10 Dec 2021 3:21

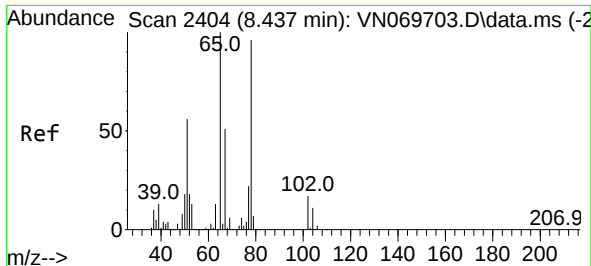
Tgt Ion: 43 Resp: 16624

Ion Ratio Lower Upper

43 100

72 22.9 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 51.917 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069938.D

Acq: 10 Dec 2021 3:21

Instrument :

MSVOA_N

ClientSampleId :

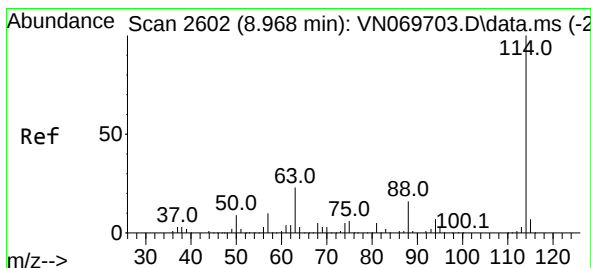
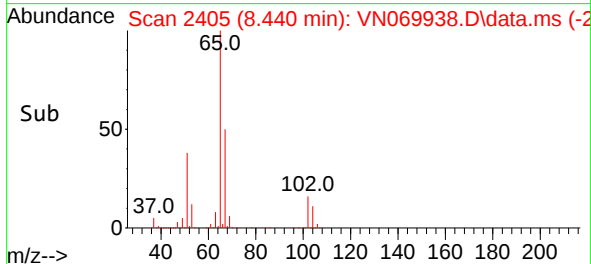
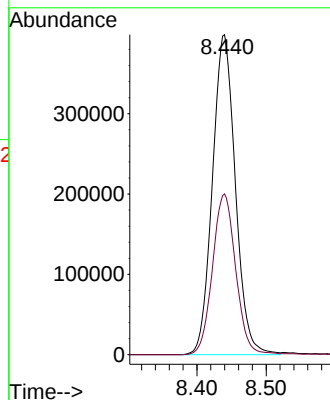
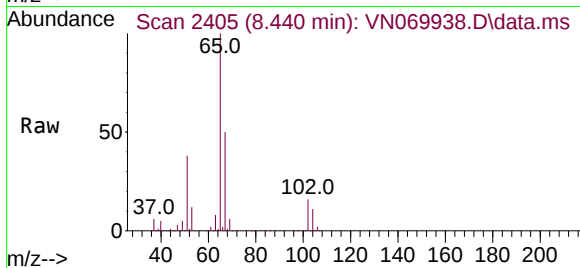
PB141262ZHE#04

Tgt Ion: 65 Resp: 918222

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069938.D

Acq: 10 Dec 2021 3:21

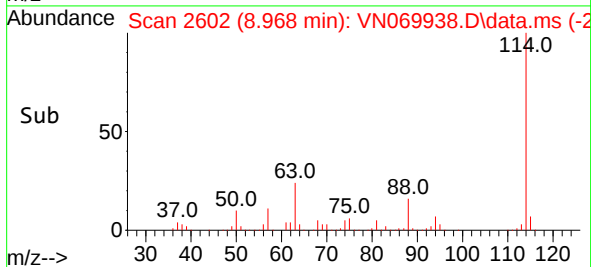
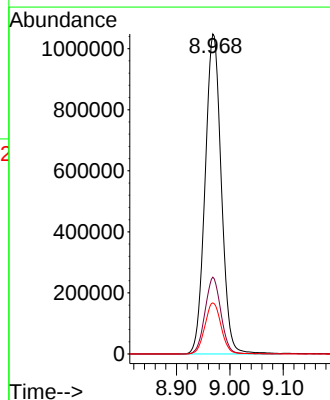
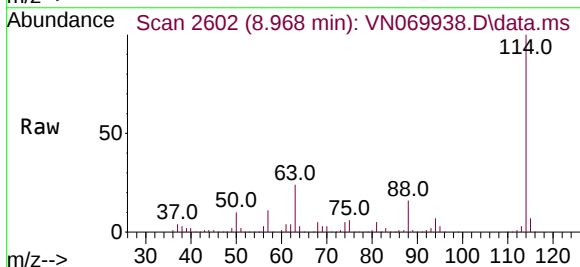
Tgt Ion: 114 Resp: 2202978

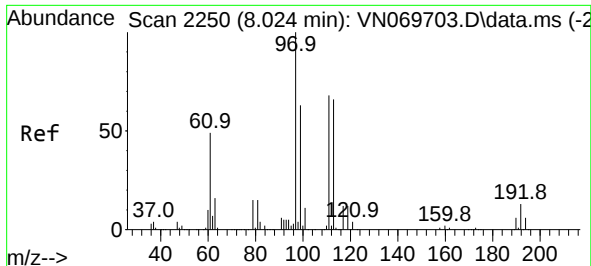
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 16.0 0.0 27.4

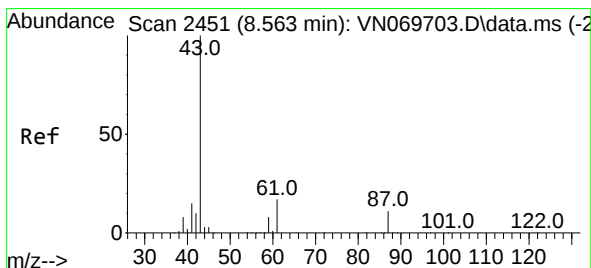
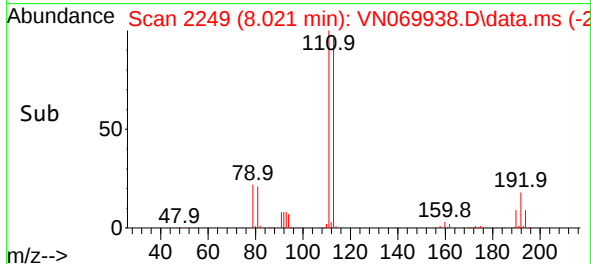
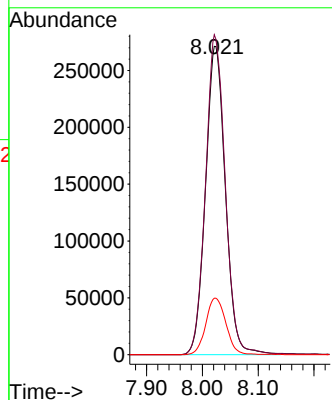
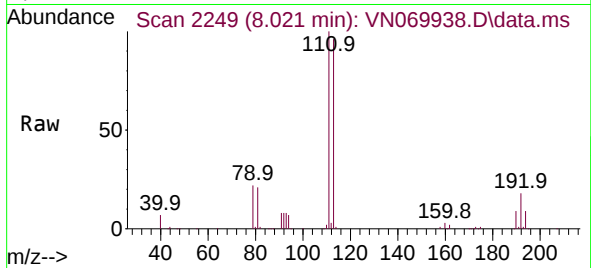




#35
 Dibromofluoromethane
 Concen: 48.734 ug/l
 RT: 8.021 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VN069938.D
 Acq: 10 Dec 2021 3:21

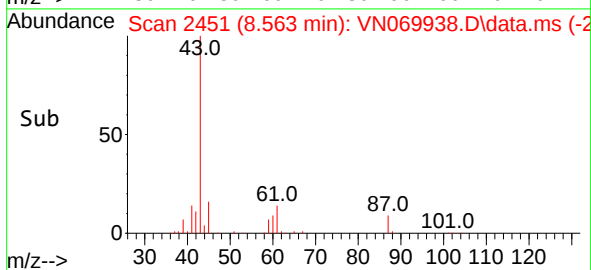
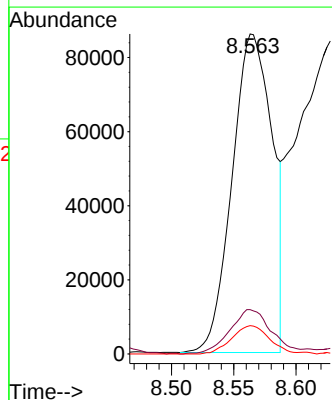
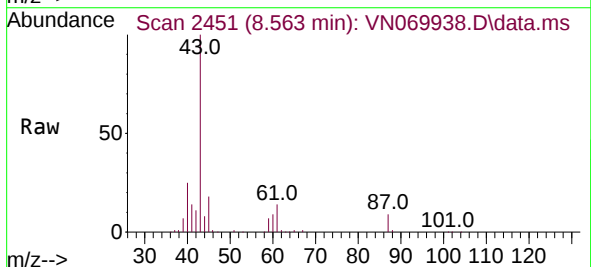
Instrument :
 MSVOA_N
 ClientSampleId :
 PB141262ZHE#04

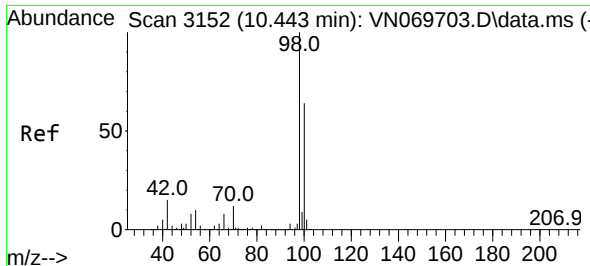
Tgt Ion:113 Resp: 672486
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 18.6 16.9 25.3



#43
 Isopropyl Acetate
 Concen: 4.176 ug/l
 RT: 8.563 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: VN069938.D
 Acq: 10 Dec 2021 3:21

Tgt Ion: 43 Resp: 192902
 Ion Ratio Lower Upper
 43 100
 61 14.4 20.4 30.6#
 87 8.3 11.2 16.8#

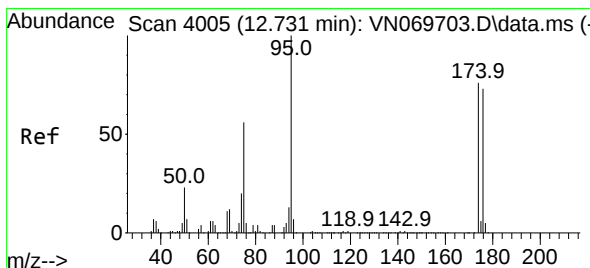
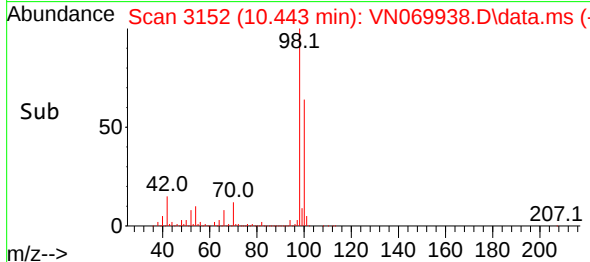
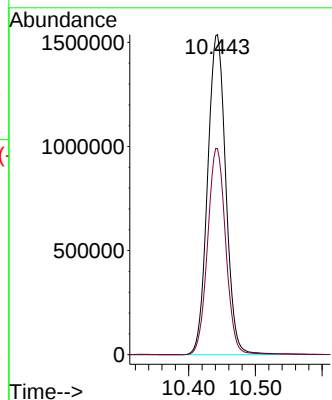
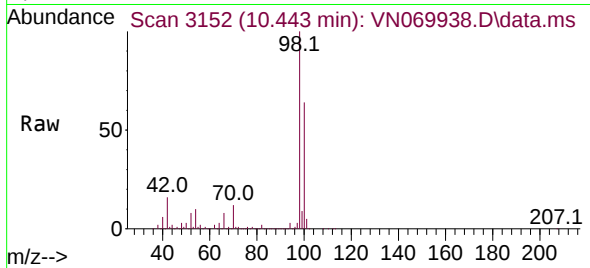




#50
Toluene-d8
Concen: 52.562 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069938.D
Acq: 10 Dec 2021 3:21

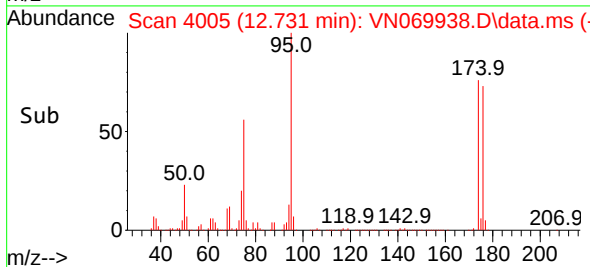
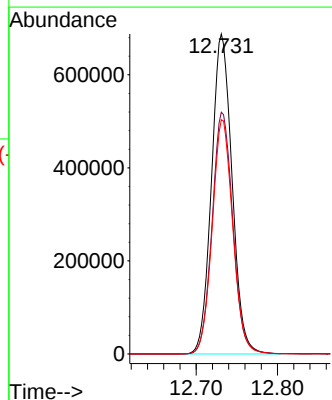
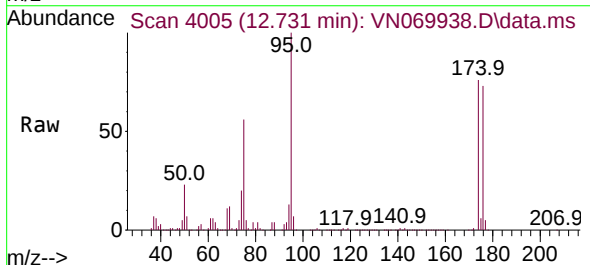
Instrument :
MSVOA_N
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PB141262ZHE#04

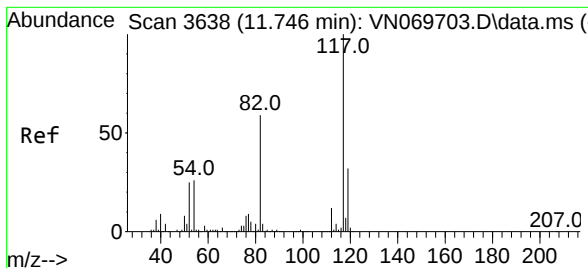
Tgt Ion: 98 Resp: 2912320
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 60.175 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069938.D
Acq: 10 Dec 2021 3:21

Tgt Ion: 95 Resp: 1207883
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN069938.D

Acq: 10 Dec 2021 3:21

Instrument :

MSVOA_N

ClientSampleId :

PB141262ZHE#04

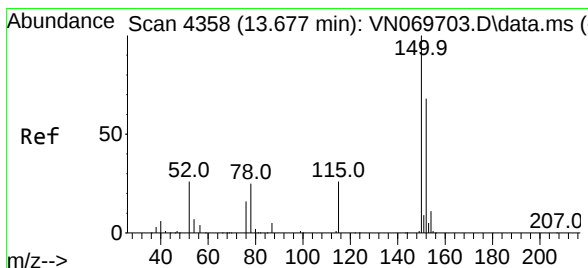
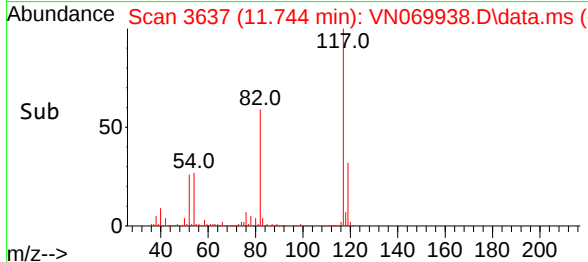
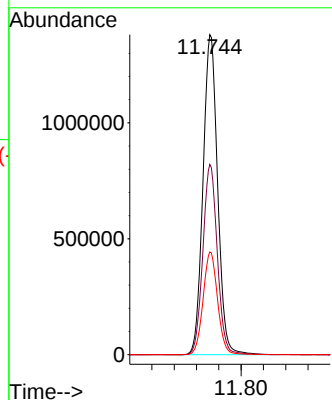
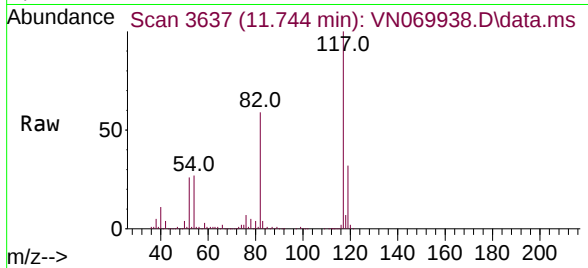
Tgt Ion:117 Resp: 2510051

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.002 min

Lab File: VN069938.D

Acq: 10 Dec 2021 3:21

Tgt Ion:152 Resp: 1027929

Ion Ratio Lower Upper

152 100

115 60.9 27.5 82.5

150 158.0 0.0 344.4

