

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069872.D
 Acq On : 8 Dec 2021 19:53
 Operator : JC/MD
 Sample : PB141231ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#03

Quant Time: Dec 09 11:46:16 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)

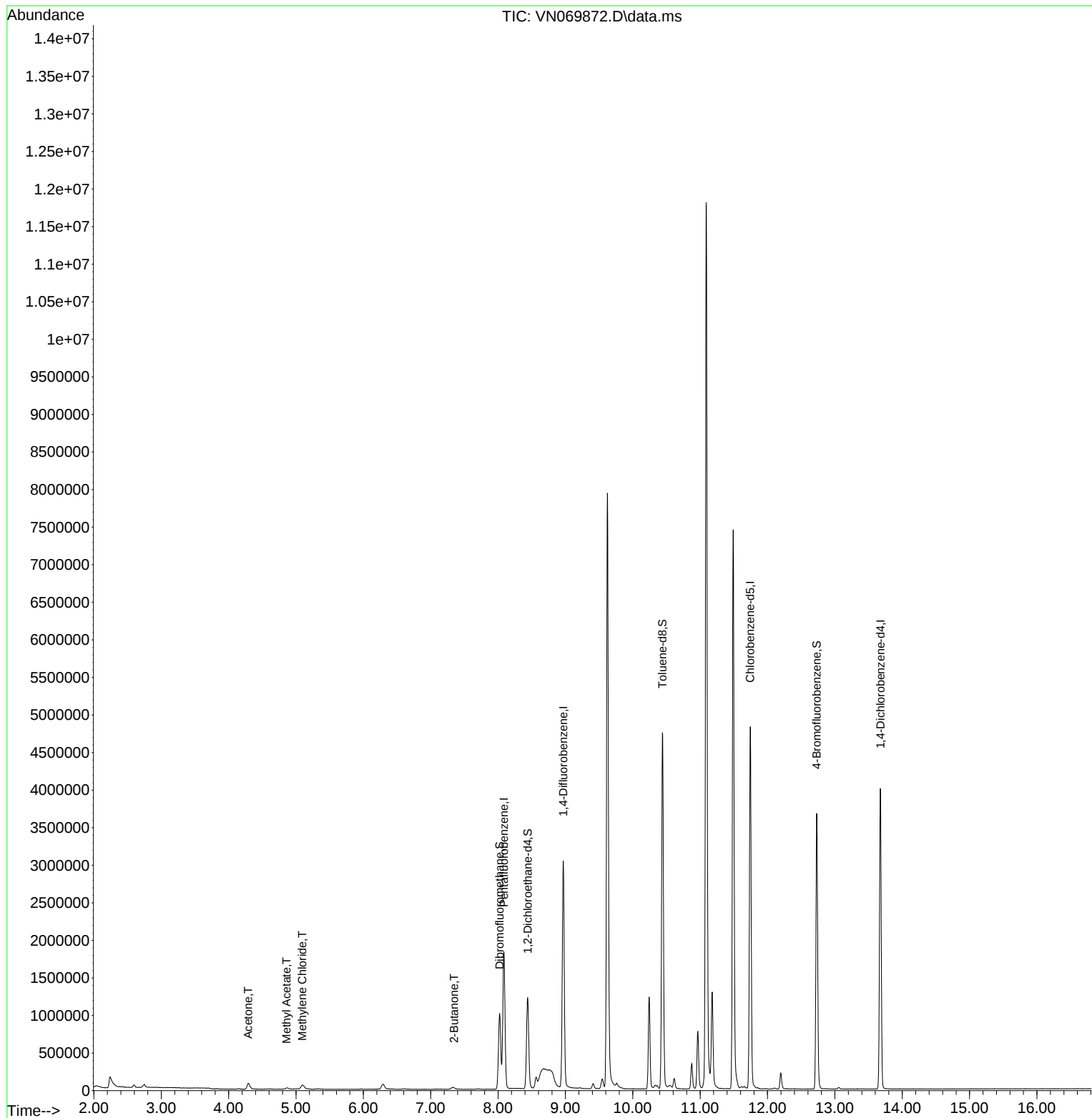
Internal Standards						
1) Pentafluorobenzene	8.086	168	1336253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2497959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2694868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1065329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1058010	51.281	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.560%
35) Dibromofluoromethane	8.024	113	732501	46.815	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.640%
50) Toluene-d8	10.440	98	3238396	51.545	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.731	95	1265811	55.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.220%
Target Compounds						
						Qvalue
16) Acetone	4.291	43	151286	12.190	ug/l	92
18) Methyl Acetate	4.859	43	18595	0.496	ug/l #	70
20) Methylene Chloride	5.093	84	37335	2.263	ug/l	90
25) 2-Butanone	7.345	43	24650	1.462	ug/l #	87

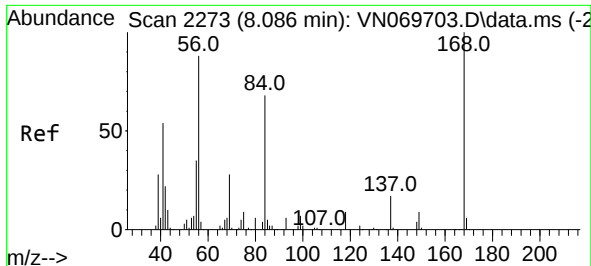
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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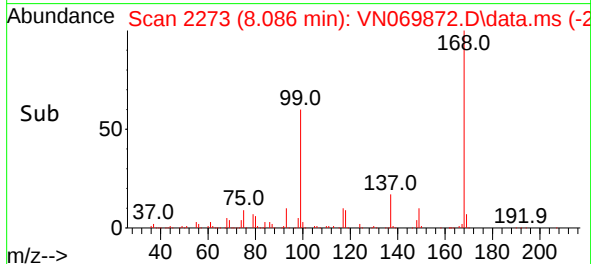
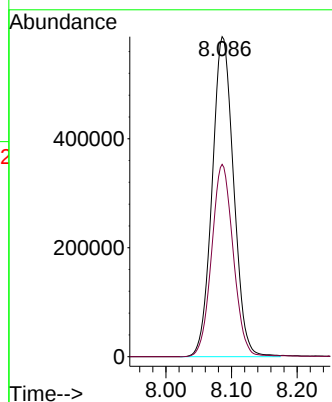
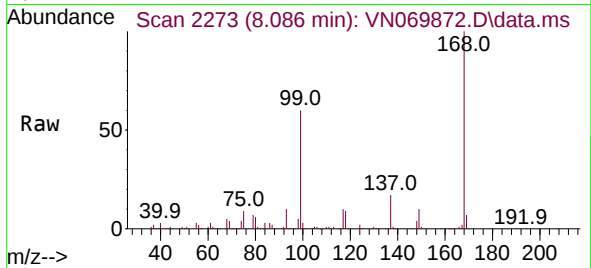




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069872.D
Acq: 8 Dec 2021 19:53

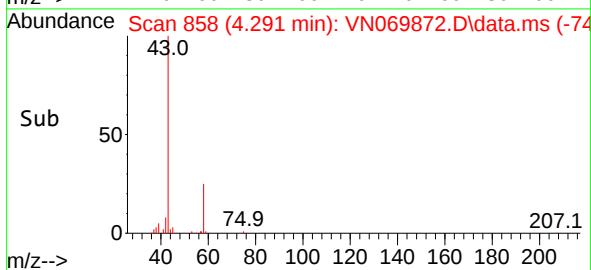
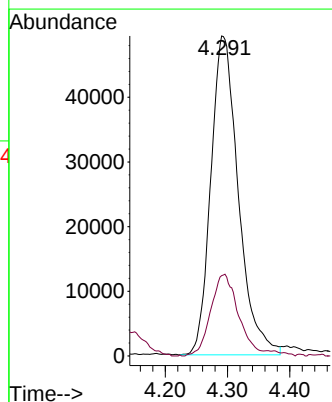
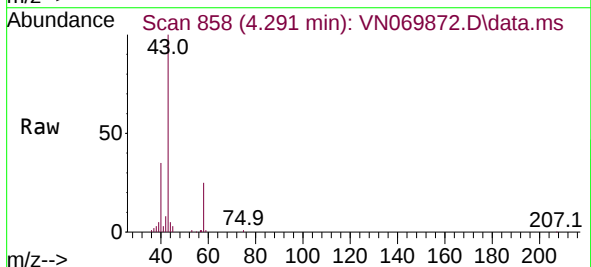
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#03

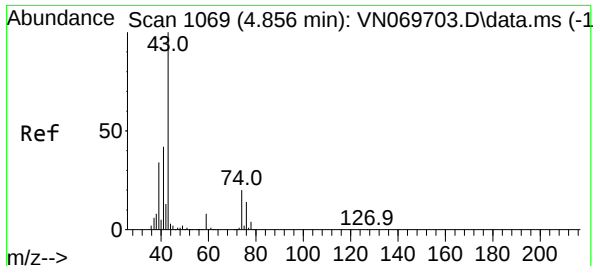
Tgt Ion:168 Resp: 1336253
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#16
Acetone
Concen: 12.190 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069872.D
Acq: 8 Dec 2021 19:53

Tgt Ion: 43 Resp: 151286
Ion Ratio Lower Upper
43 100
58 24.8 23.1 34.7





#18

Methyl Acetate

Concen: 0.496 ug/l

RT: 4.859 min Scan# 1069

Delta R.T. 0.003 min

Lab File: VN069872.D

Acq: 8 Dec 2021 19:53

Instrument :

MSVOA_N

ClientSampleId :

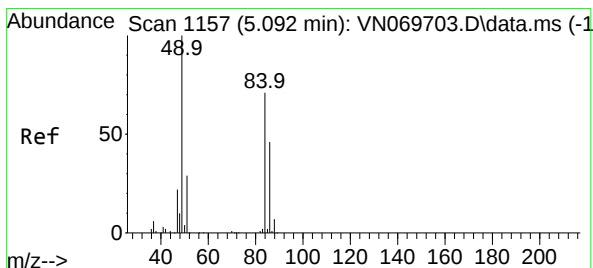
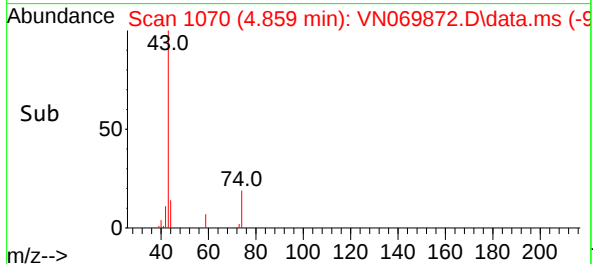
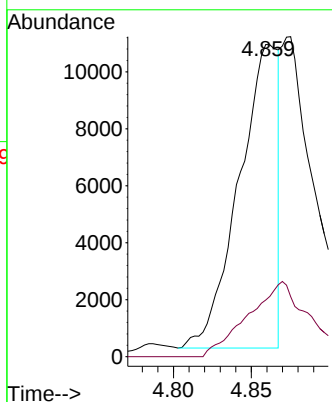
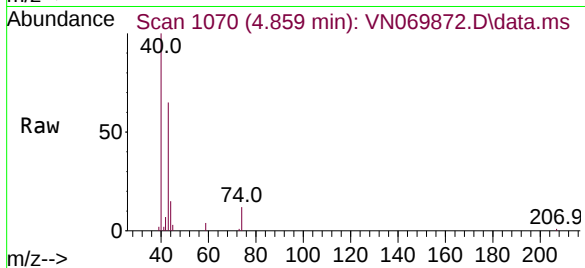
PB141231ZHE#03

Tgt Ion: 43 Resp: 18595

Ion Ratio Lower Upper

43 100

74 39.4 19.4 29.2#



#20

Methylene Chloride

Concen: 2.263 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069872.D

Acq: 8 Dec 2021 19:53

Tgt Ion: 84 Resp: 37335

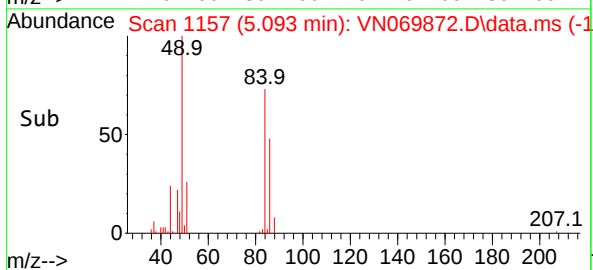
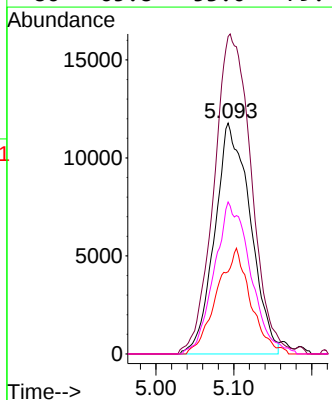
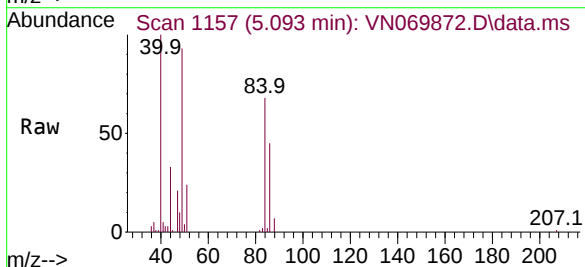
Ion Ratio Lower Upper

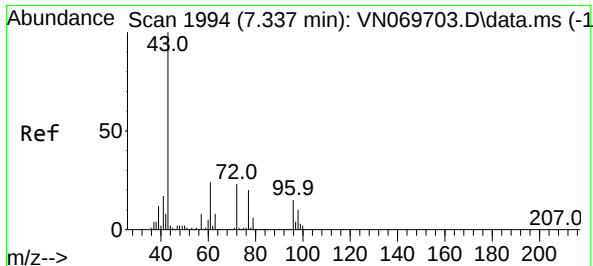
84 100

49 137.5 93.5 140.3

51 35.6 29.4 44.2

86 65.8 53.0 79.4

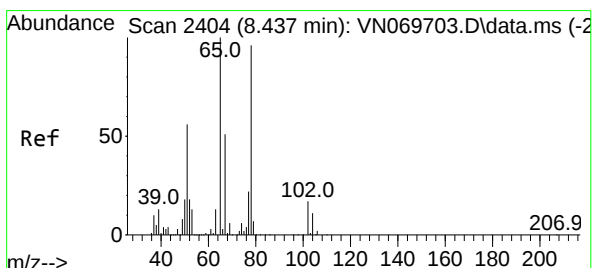
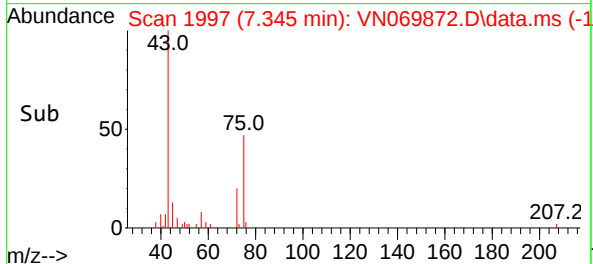
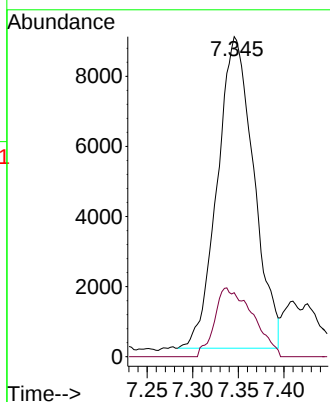
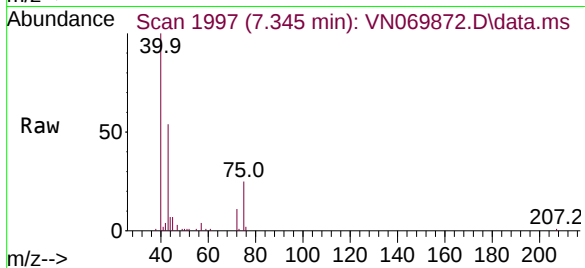




#25
2-Butanone
Concen: 1.462 ug/l
RT: 7.345 min Scan# 1994
Delta R.T. 0.008 min
Lab File: VN069872.D
Acq: 8 Dec 2021 19:53

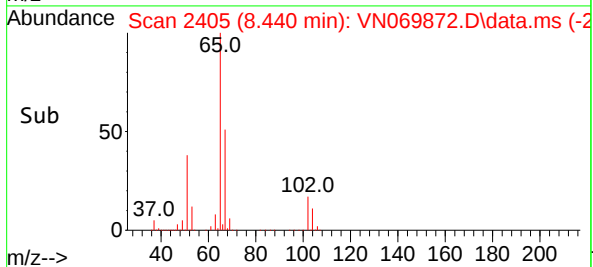
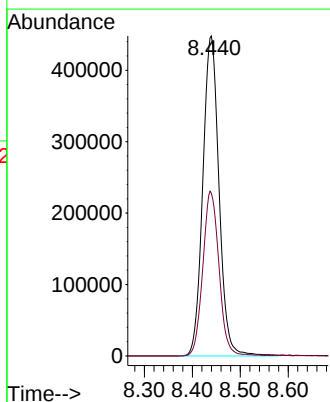
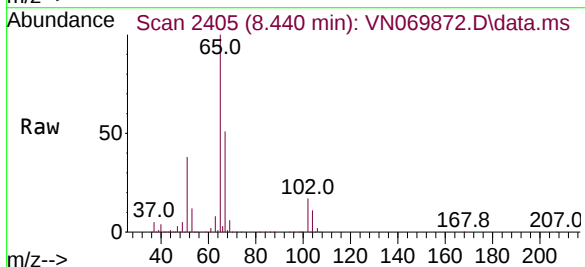
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#03

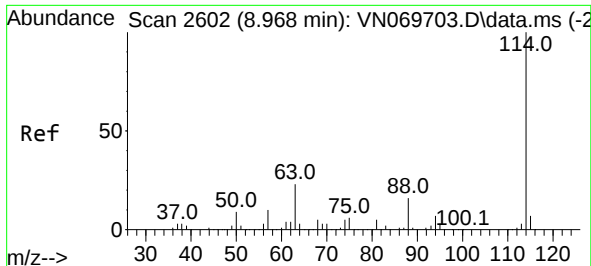
Tgt Ion: 43 Resp: 24650
Ion Ratio Lower Upper
43 100
72 20.5 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 51.281 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069872.D
Acq: 8 Dec 2021 19:53

Tgt Ion: 65 Resp: 1058010
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

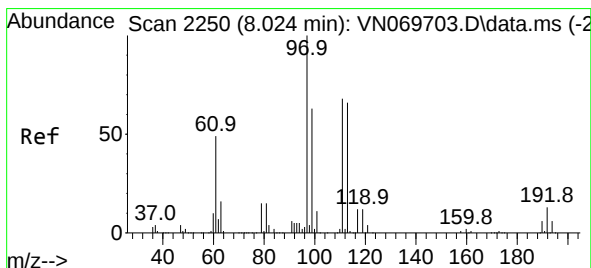
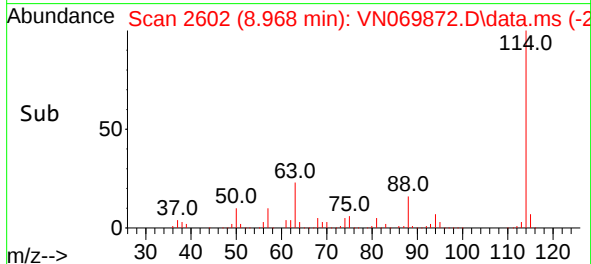
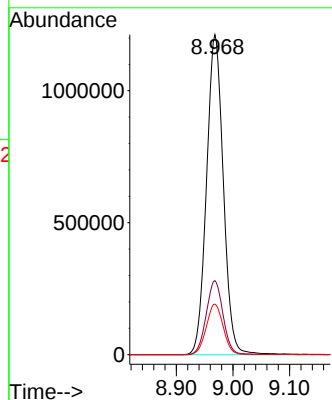
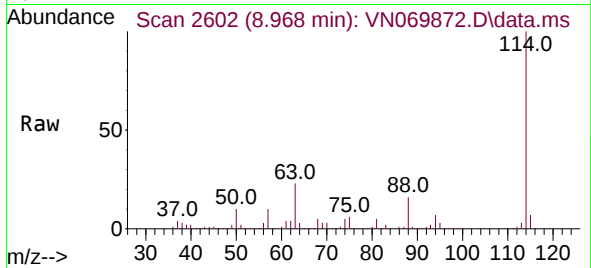




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069872.D
Acq: 8 Dec 2021 19:53

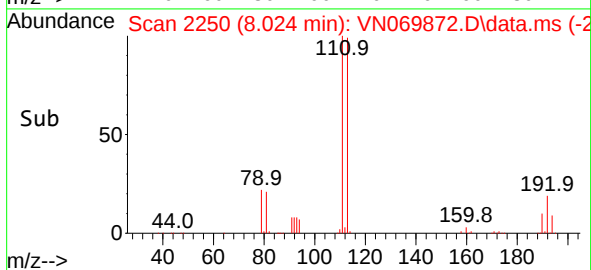
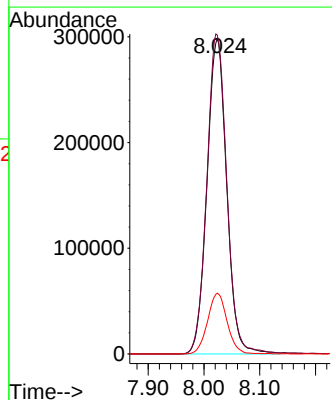
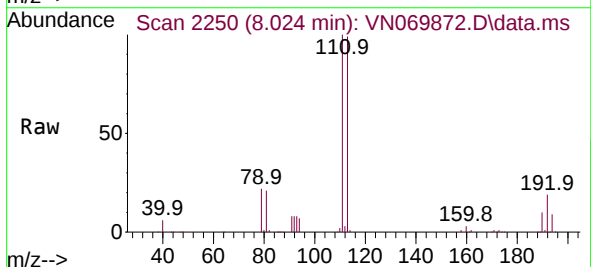
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#03

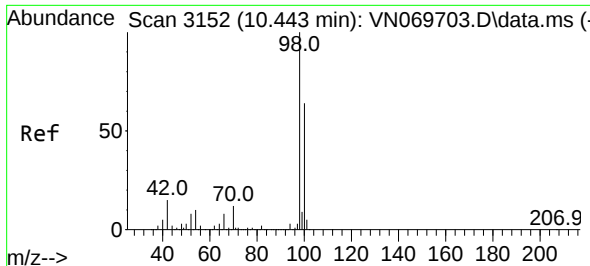
Tgt Ion:114 Resp: 2497959
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.815 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069872.D
Acq: 8 Dec 2021 19:53

Tgt Ion:113 Resp: 732501
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.2 16.9 25.3

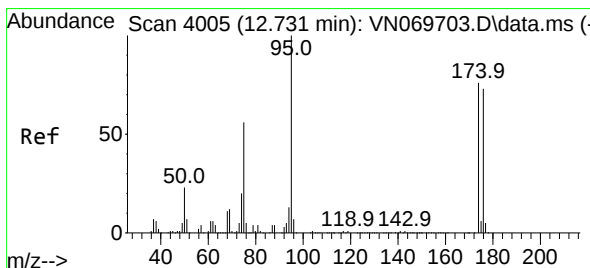
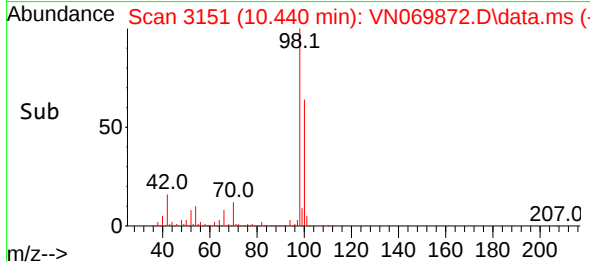
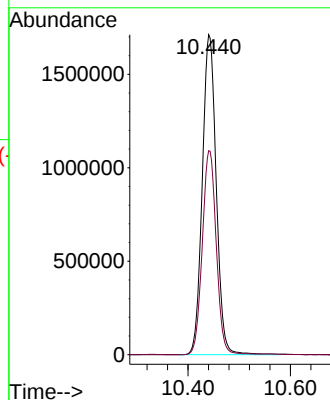
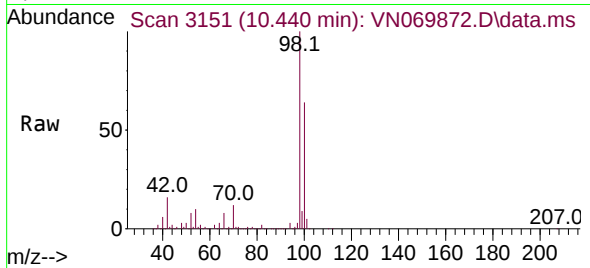




#50
Toluene-d8
Concen: 51.545 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069872.D
Acq: 8 Dec 2021 19:53

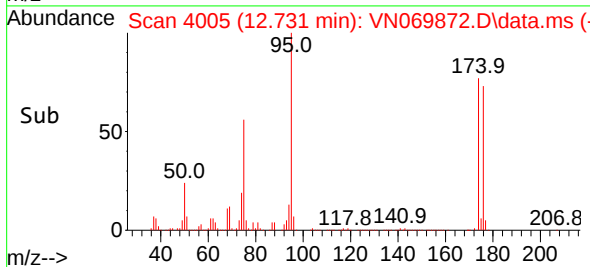
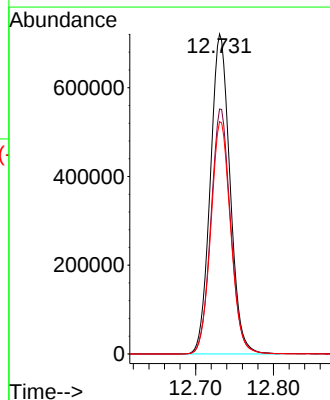
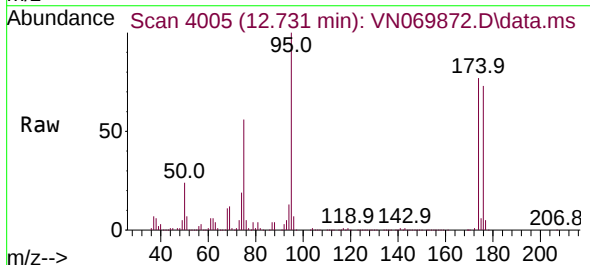
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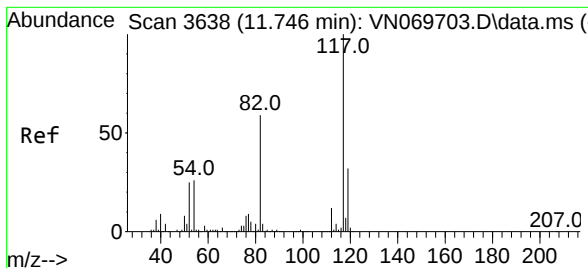
Tgt Ion: 98 Resp: 3238396
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.614 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069872.D
Acq: 8 Dec 2021 19:53

Tgt Ion: 95 Resp: 1265811
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.3 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: VN069872.D

Acq: 8 Dec 2021 19:53

Instrument :

MSVOA_N

ClientSampleId :

PB141231ZHE#03

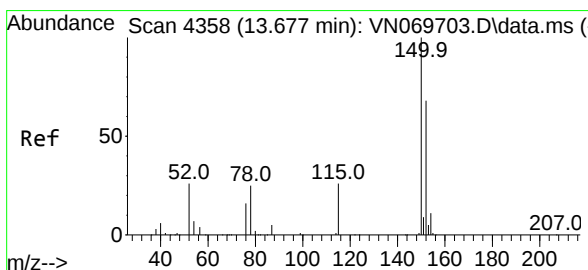
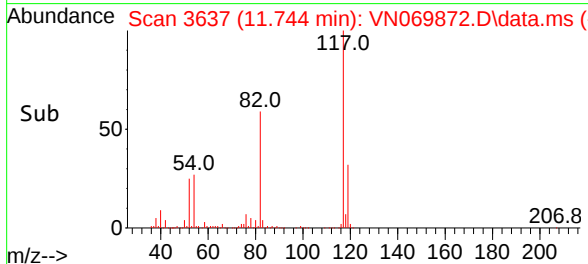
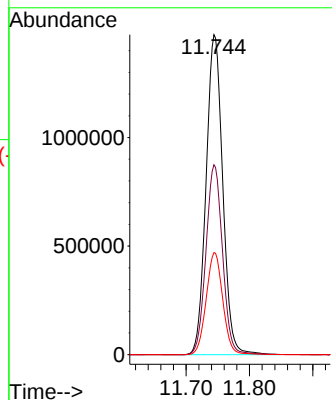
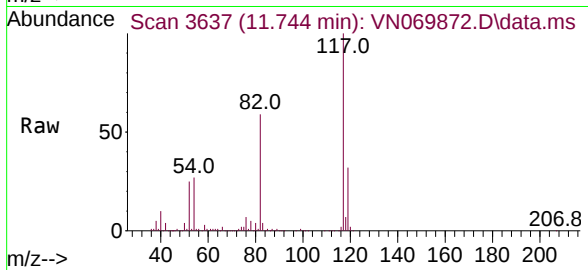
Tgt Ion:117 Resp: 2694868

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 31.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.677 min Scan# 4358

Delta R.T. 0.000 min

Lab File: VN069872.D

Acq: 8 Dec 2021 19:53

Tgt Ion:152 Resp: 1065329

Ion Ratio Lower Upper

152 100

115 60.6 27.5 82.5

150 157.1 0.0 344.4

