

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069873.D
 Acq On : 8 Dec 2021 20:18
 Operator : JC/MD
 Sample : PB141231ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#04

Quant Time: Dec 09 11:46:54 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)

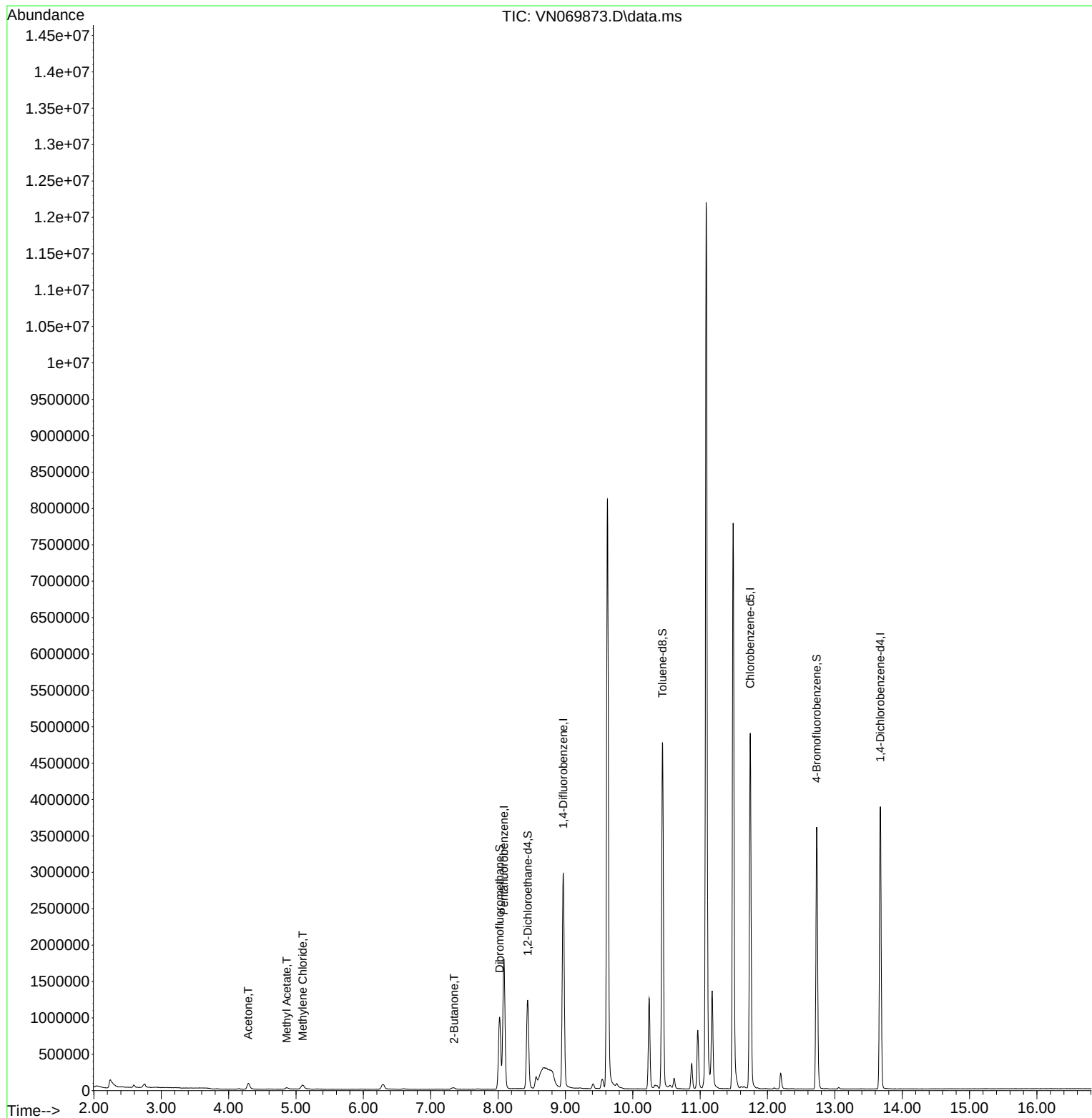
Internal Standards						
1) Pentafluorobenzene	8.088	168	1315048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2468213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2680924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1046508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1061198	52.265	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 104.520%		
35) Dibromofluoromethane	8.024	113	718088	46.447	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 92.900%		
50) Toluene-d8	10.440	98	3210075	51.710	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 103.420%		
62) 4-Bromofluorobenzene	12.731	95	1258100	55.941	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 111.880%		
Target Compounds						Qvalue
16) Acetone	4.291	43	152969	12.524	ug/l	96
18) Methyl Acetate	4.862	43	46099	1.250	ug/l #	86
20) Methylene Chloride	5.101	84	38802	2.390	ug/l	87
25) 2-Butanone	7.348	43	25453	1.534	ug/l	97

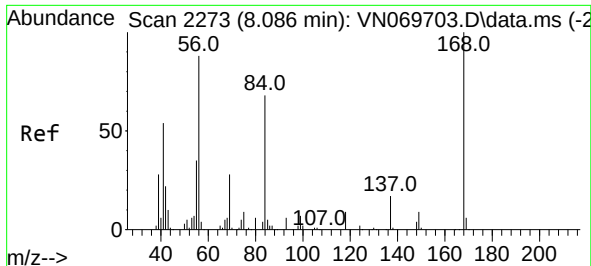
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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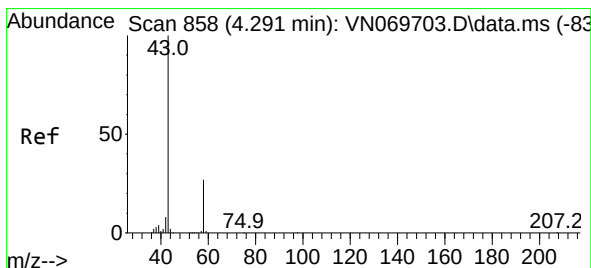
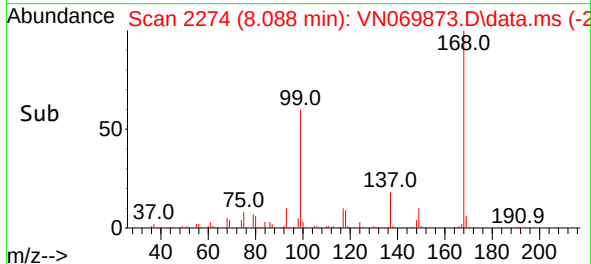
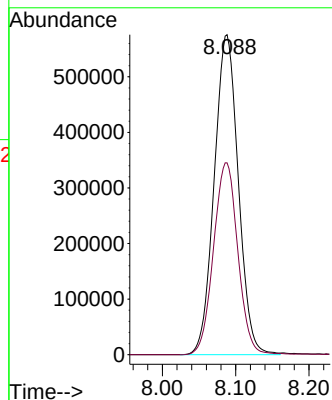
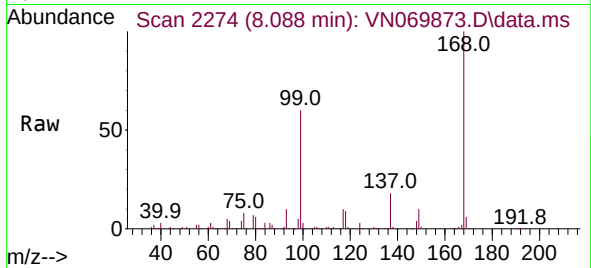




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069873.D
Acq: 8 Dec 2021 20:18

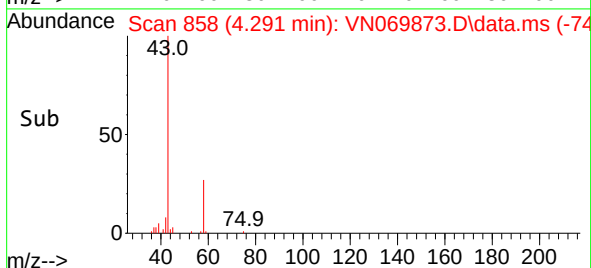
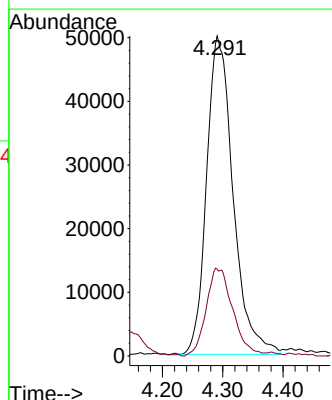
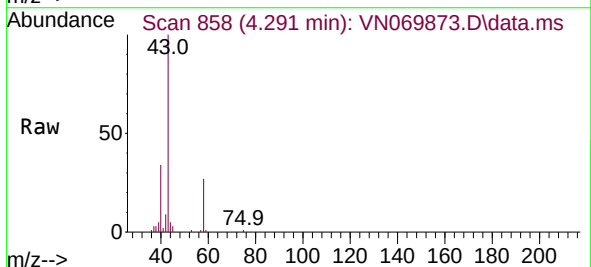
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#04

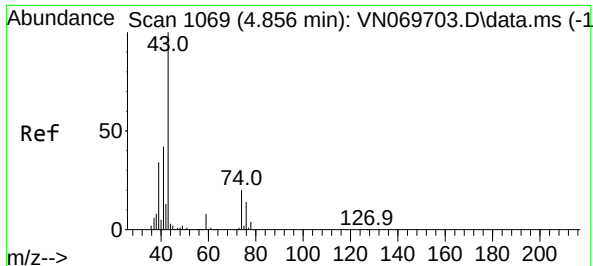
Tgt Ion:168 Resp: 1315048
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#16
Acetone
Concen: 12.524 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069873.D
Acq: 8 Dec 2021 20:18

Tgt Ion: 43 Resp: 152969
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#18

Methyl Acetate

Concen: 1.250 ug/l

RT: 4.862 min Scan# 1160

Delta R.T. 0.005 min

Lab File: VN069873.D

Acq: 8 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

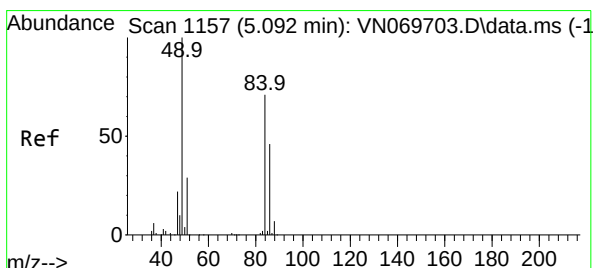
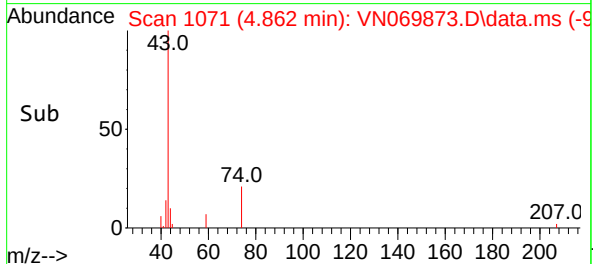
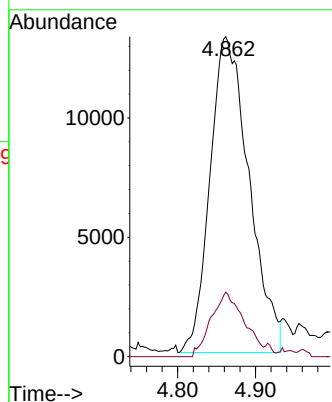
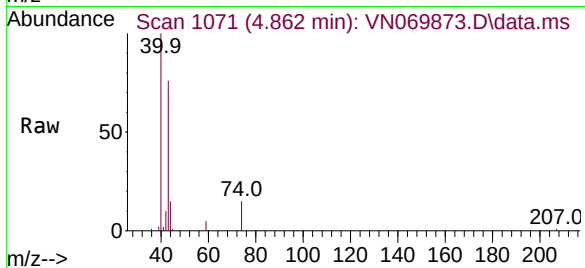
PB141231ZHE#04

Tgt Ion: 43 Resp: 46099

Ion Ratio Lower Upper

43 100

74 17.2 19.4 29.2#



#20

Methylene Chloride

Concen: 2.390 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.008 min

Lab File: VN069873.D

Acq: 8 Dec 2021 20:18

Tgt Ion: 84 Resp: 38802

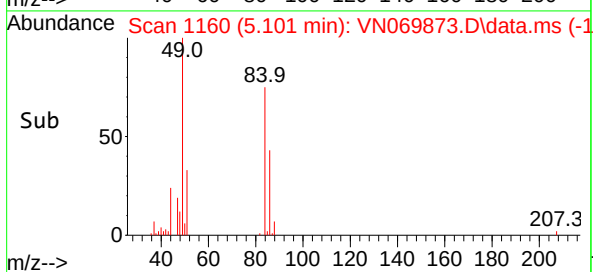
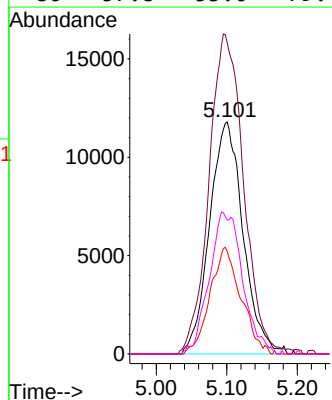
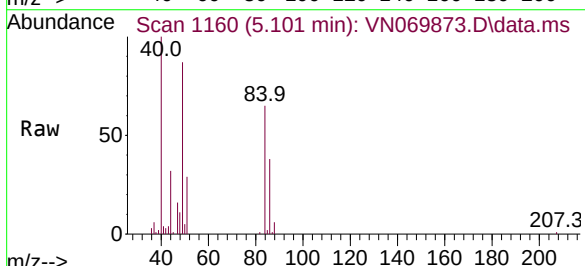
Ion Ratio Lower Upper

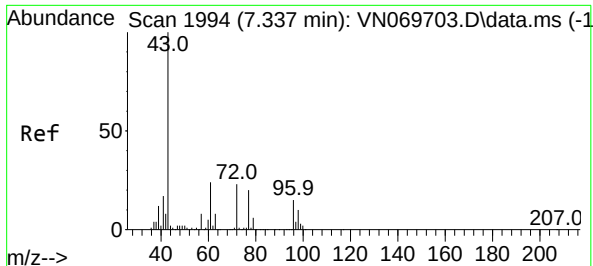
84 100

49 132.7 93.5 140.3

51 44.1 29.4 44.2

86 57.8 53.0 79.4





#25

2-Butanone

Concen: 1.534 ug/l

RT: 7.348 min Scan# 1994

Delta R.T. 0.011 min

Lab File: VN069873.D

Acq: 8 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

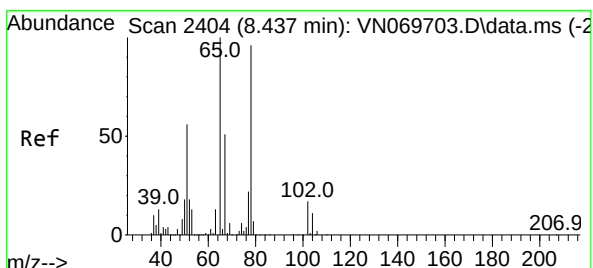
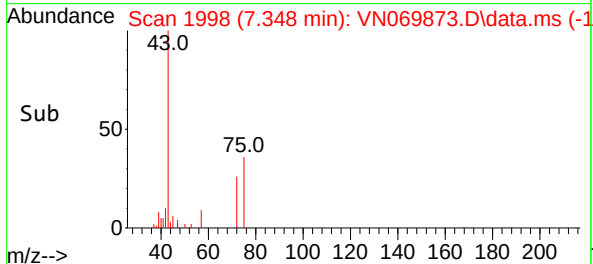
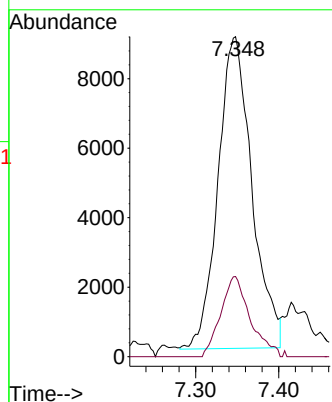
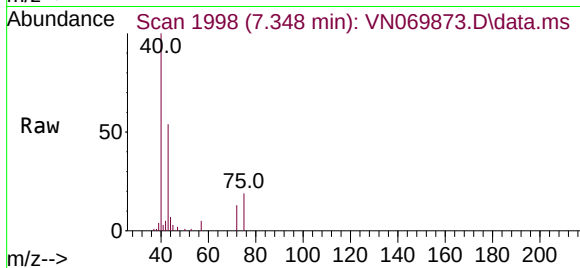
PB141231ZHE#04

Tgt Ion: 43 Resp: 25453

Ion Ratio Lower Upper

43 100

72 25.8 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 52.265 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069873.D

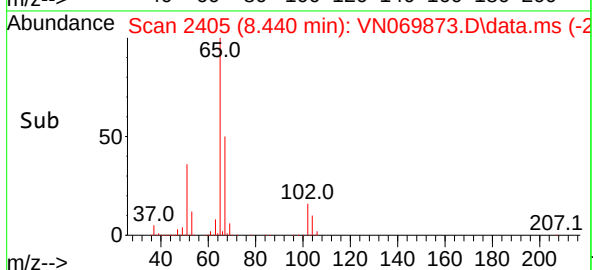
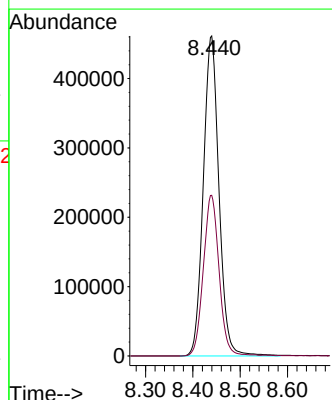
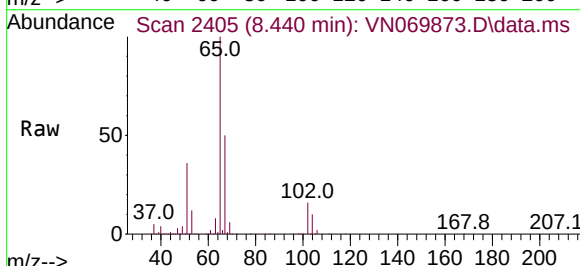
Acq: 8 Dec 2021 20:18

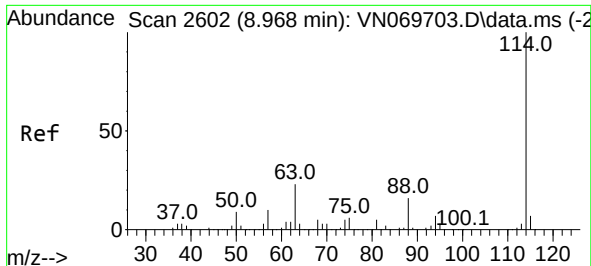
Tgt Ion: 65 Resp: 1061198

Ion Ratio Lower Upper

65 100

67 50.4 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: VN069873.D

Acq: 8 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

PB141231ZHE#04

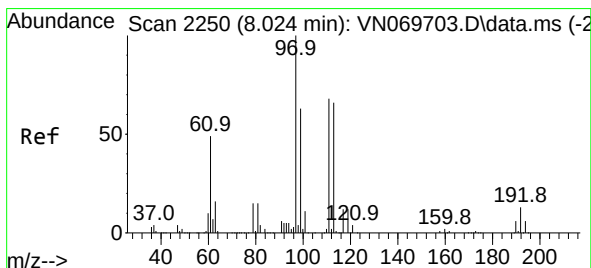
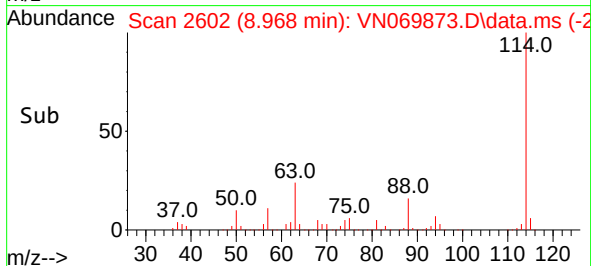
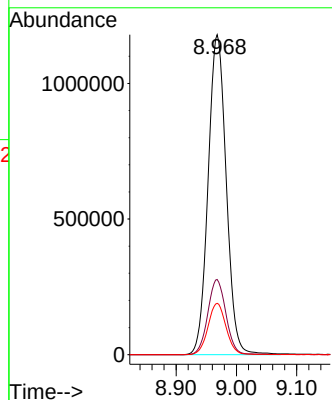
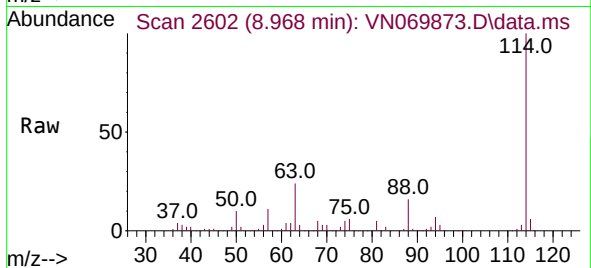
Tgt Ion:114 Resp: 2468213

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.1 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.447 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN069873.D

Acq: 8 Dec 2021 20:18

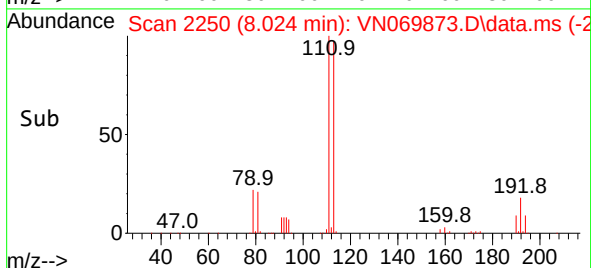
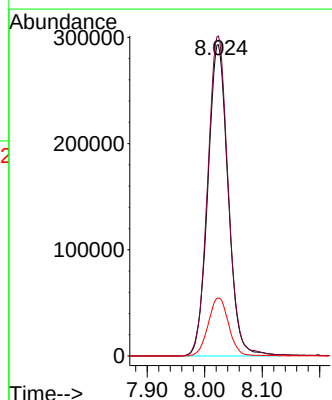
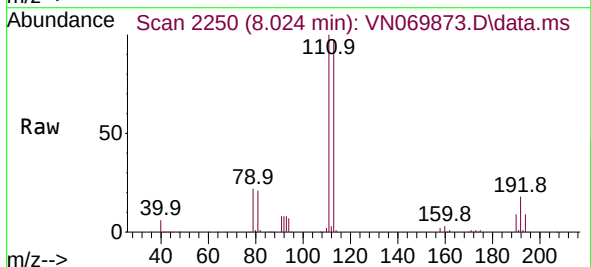
Tgt Ion:113 Resp: 718088

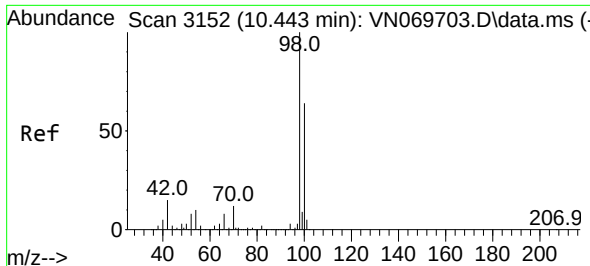
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 18.8 16.9 25.3

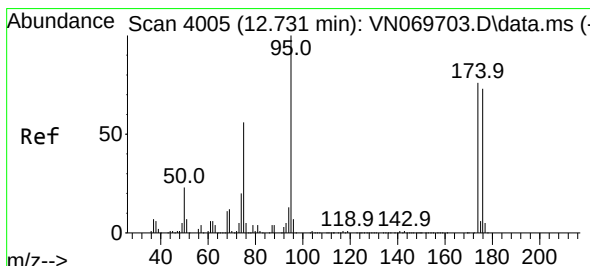
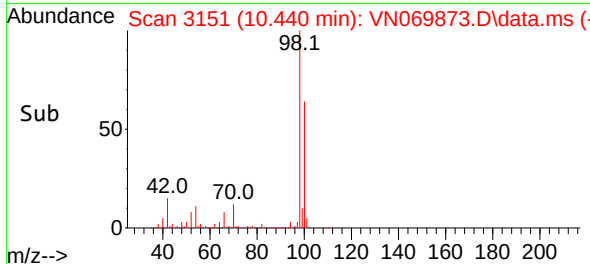
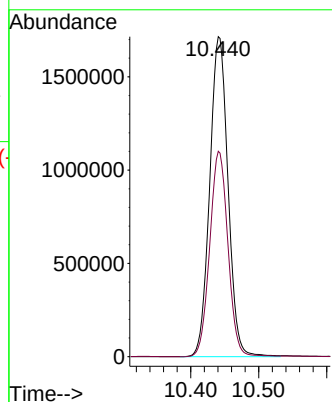
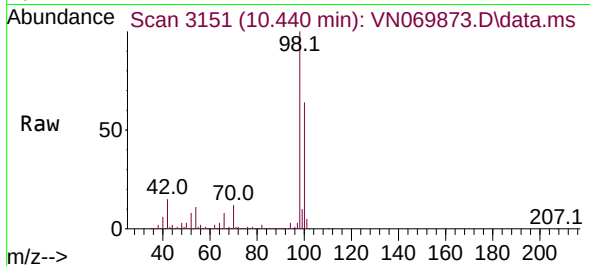




#50
Toluene-d8
Concen: 51.710 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069873.D
Acq: 8 Dec 2021 20:18

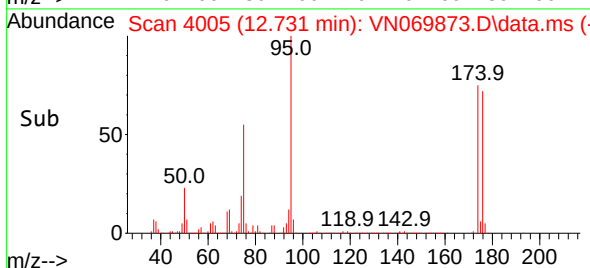
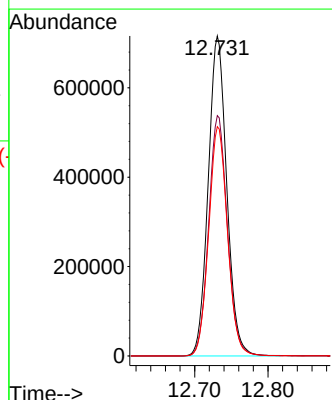
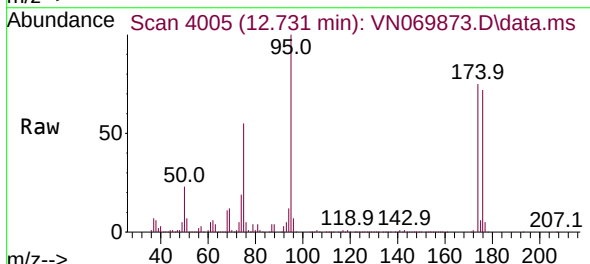
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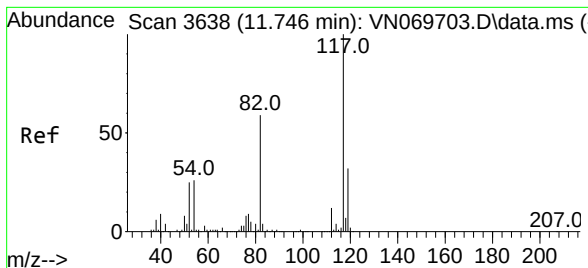
Tgt Ion: 98 Resp: 3210075
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.941 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069873.D
Acq: 8 Dec 2021 20:18

Tgt Ion: 95 Resp: 1258100
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 72.7 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: VN069873.D

Acq: 8 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

PB141231ZHE#04

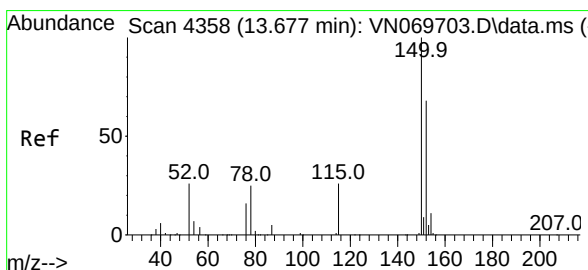
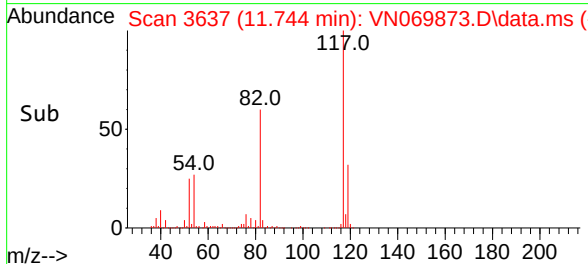
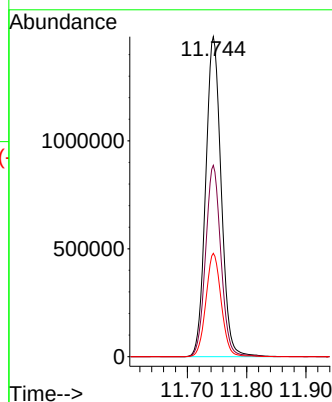
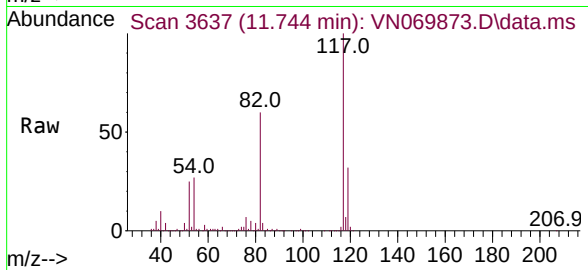
Tgt Ion:117 Resp: 2680924

Ion Ratio Lower Upper

117 100

82 59.8 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# 4357

Delta R.T. -0.003 min

Lab File: VN069873.D

Acq: 8 Dec 2021 20:18

Tgt Ion:152 Resp: 1046508

Ion Ratio Lower Upper

152 100

115 60.5 27.5 82.5

150 156.0 0.0 344.4

