

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069888.D
 Acq On : 9 Dec 2021 3:30
 Operator : JC/MD
 Sample : PB141231ZHE#13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#13

Quant Time: Dec 09 11:56:17 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)

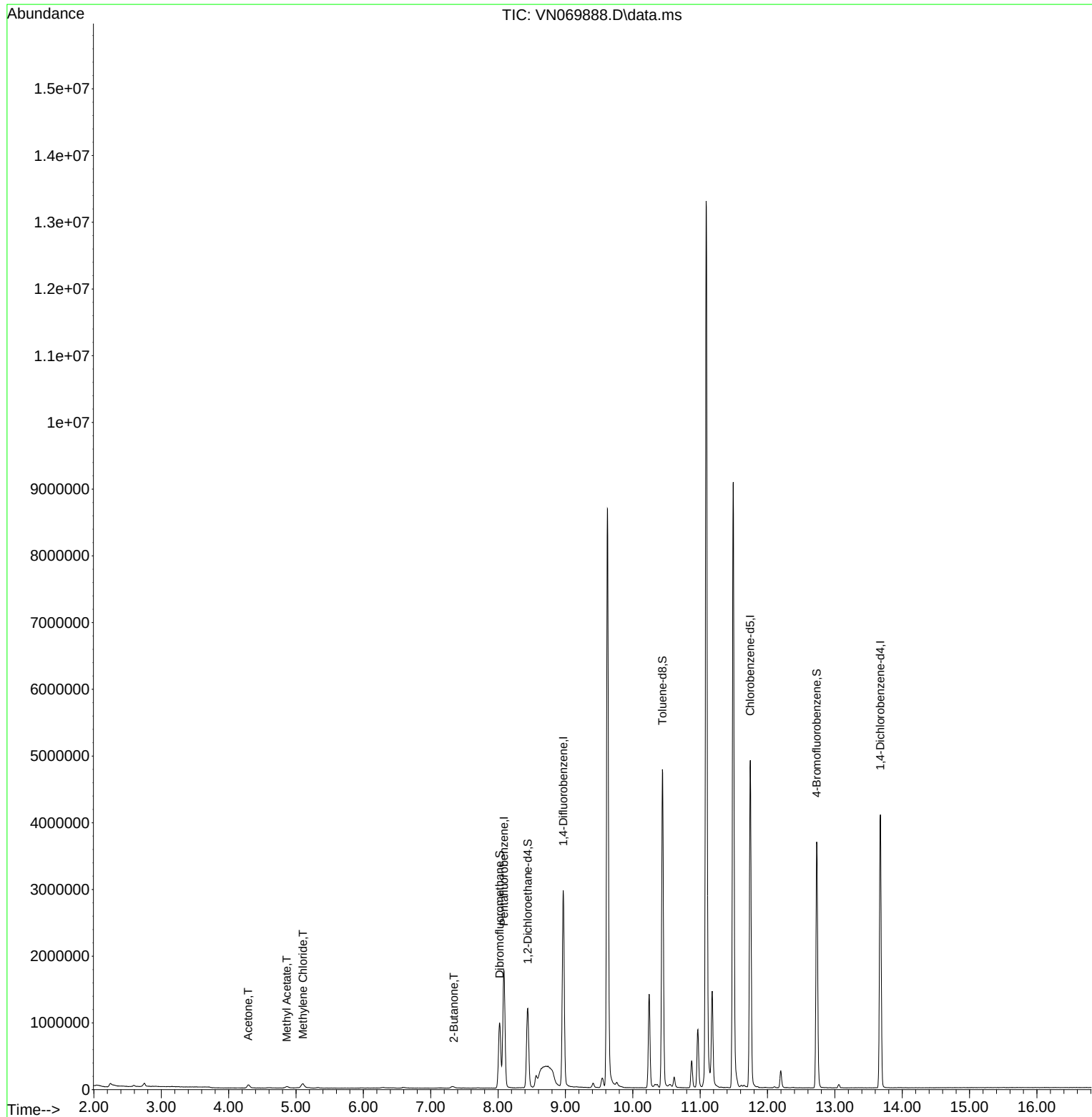
Internal Standards						
1) Pentafluorobenzene	8.086	168	1308231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2437118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2697258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1085236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1046196	51.794	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.580%			
35) Dibromofluoromethane	8.024	113	720304	47.185	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.360%			
50) Toluene-d8	10.440	98	3193294	52.096	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.731	95	1291884	58.176	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 116.360%			
Target Compounds						
16) Acetone	4.291	43	90324	7.434	ug/l	97
18) Methyl Acetate	4.862	43	49785	1.357	ug/l	91
20) Methylene Chloride	5.103	84	44604	2.761	ug/l	89
25) 2-Butanone	7.343	43	18211	1.103	ug/l	94

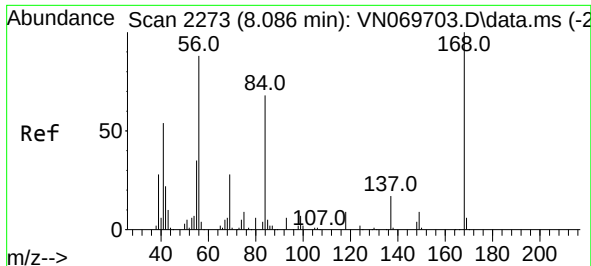
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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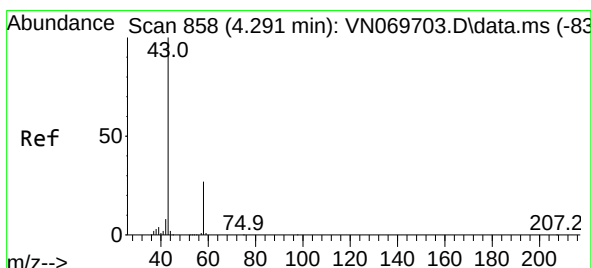
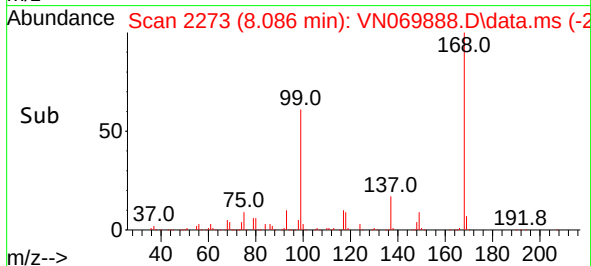
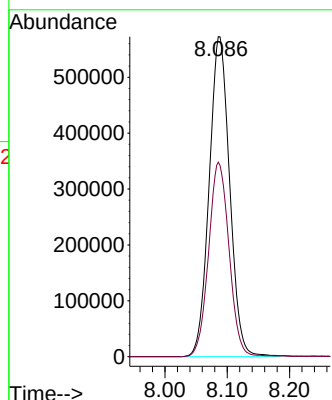
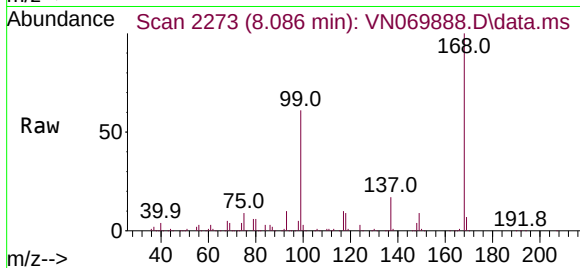




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069888.D
Acq: 9 Dec 2021 3:30

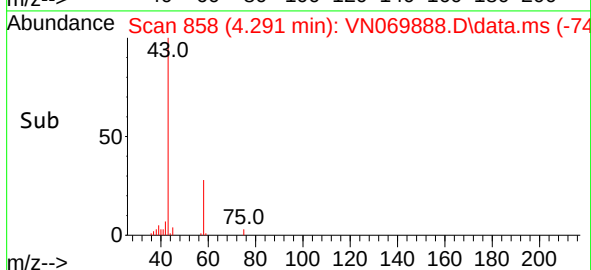
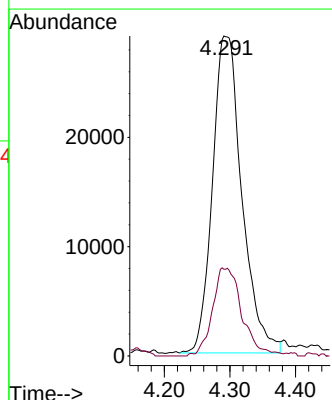
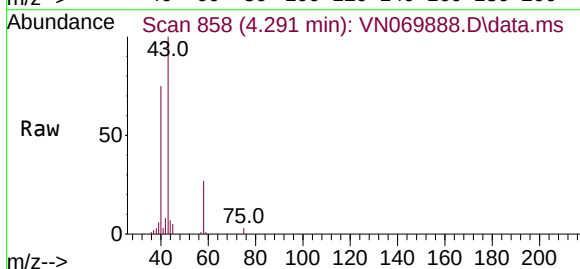
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#13

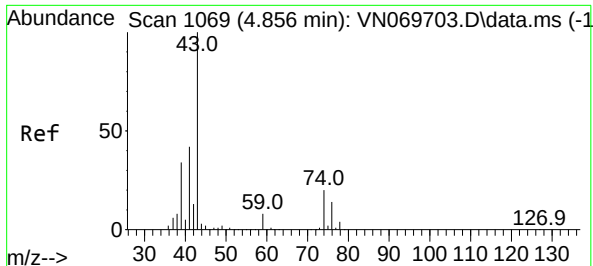
Tgt Ion:168 Resp: 1308231
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#16
Acetone
Concen: 7.434 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069888.D
Acq: 9 Dec 2021 3:30

Tgt Ion: 43 Resp: 90324
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#18

Methyl Acetate

Concen: 1.357 ug/l

RT: 4.862 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VN069888.D

Acq: 9 Dec 2021 3:30

Instrument :

MSVOA_N

ClientSampleId :

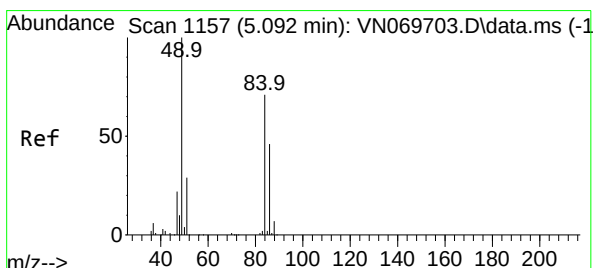
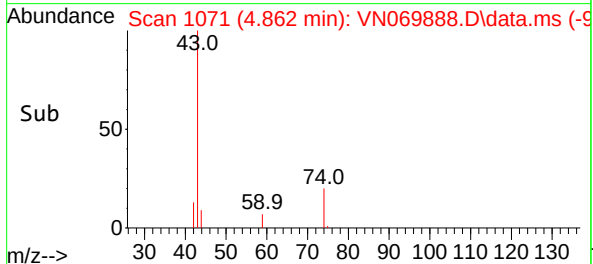
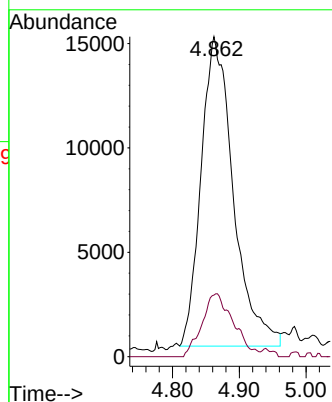
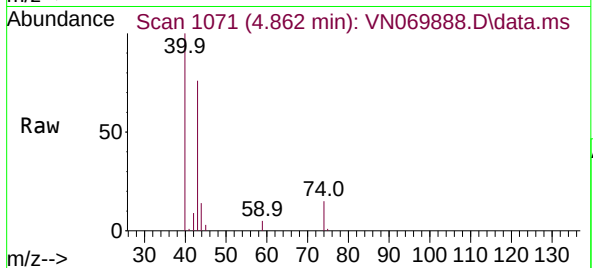
PB141231ZHE#13

Tgt Ion: 43 Resp: 49785

Ion Ratio Lower Upper

43 100

74 19.8 19.4 29.2



#20

Methylene Chloride

Concen: 2.761 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.011 min

Lab File: VN069888.D

Acq: 9 Dec 2021 3:30

Tgt Ion: 84 Resp: 44604

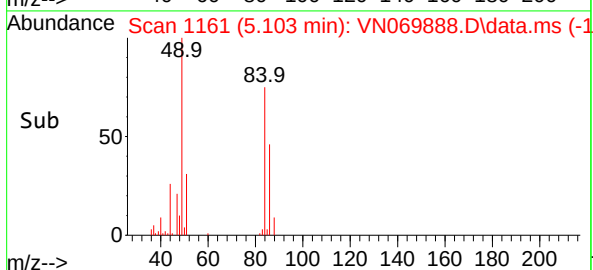
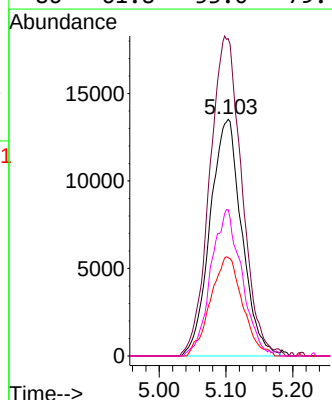
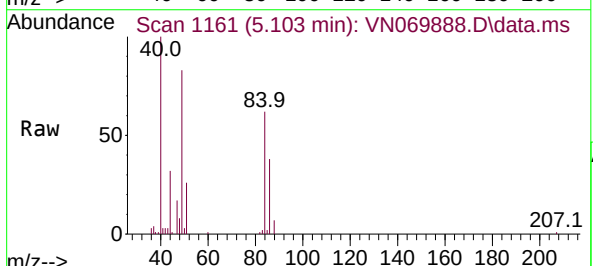
Ion Ratio Lower Upper

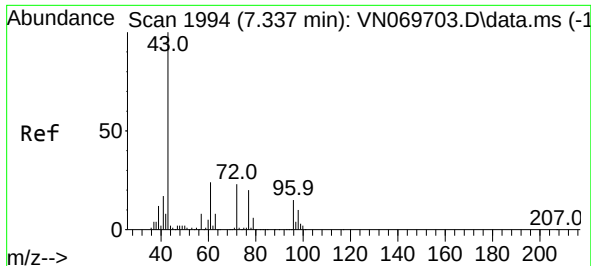
84 100

49 134.1 93.5 140.3

51 41.5 29.4 44.2

86 61.8 53.0 79.4





#25

2-Butanone

Concen: 1.103 ug/l

RT: 7.343 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN069888.D

Acq: 9 Dec 2021 3:30

Instrument :

MSVOA_N

ClientSampleId :

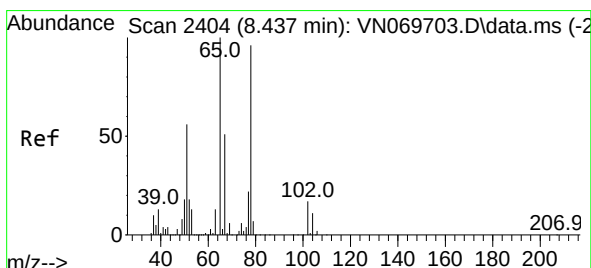
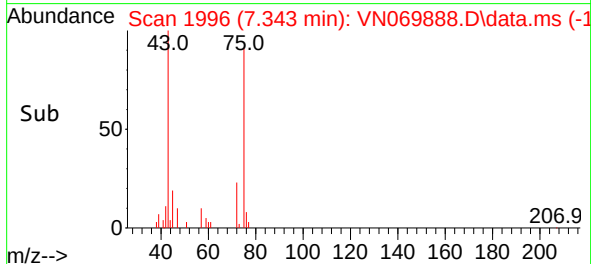
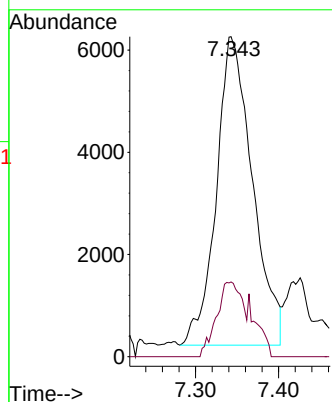
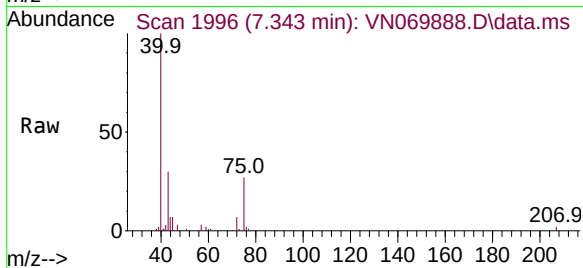
PB141231ZHE#13

Tgt Ion: 43 Resp: 18211

Ion Ratio Lower Upper

43 100

72 24.2 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 51.794 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069888.D

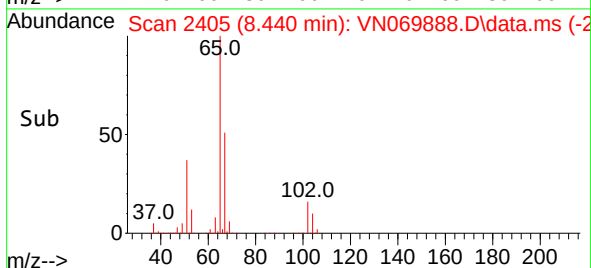
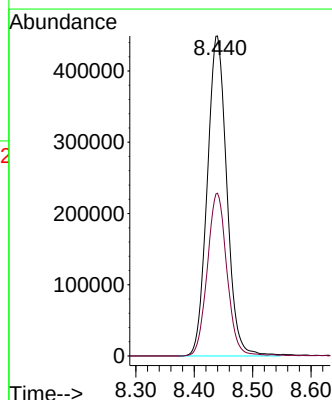
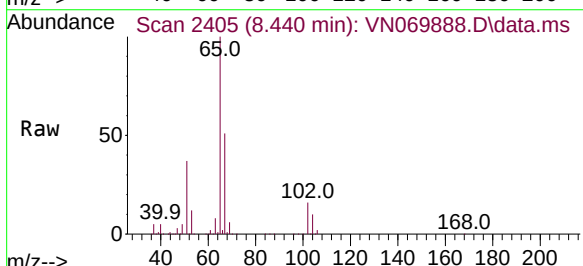
Acq: 9 Dec 2021 3:30

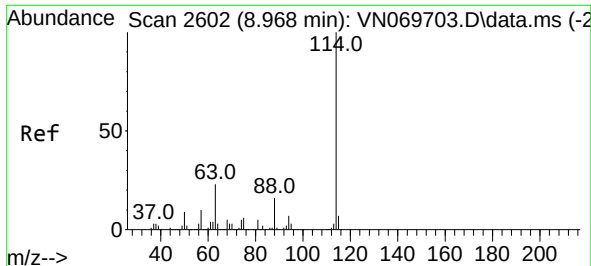
Tgt Ion: 65 Resp: 1046196

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0

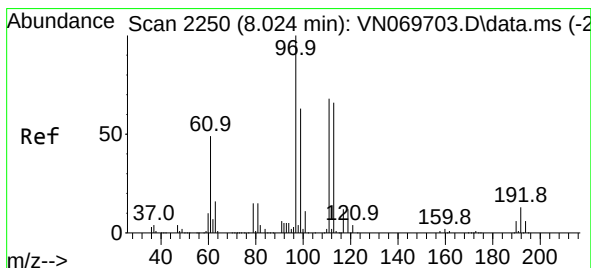
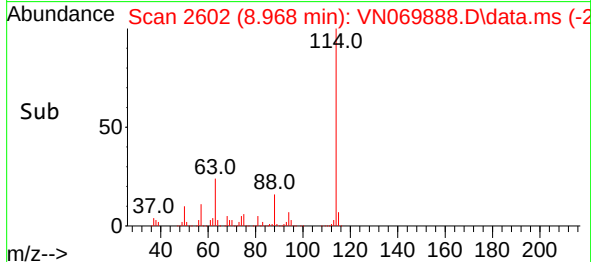
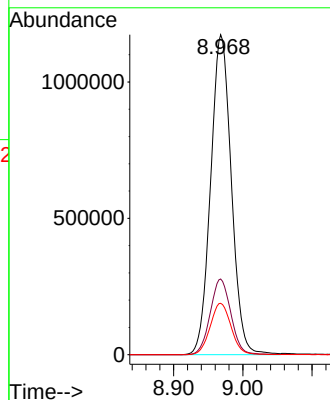
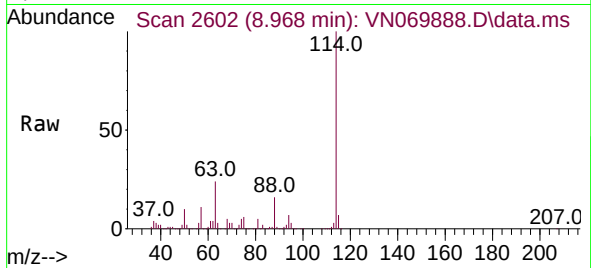




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069888.D
Acq: 9 Dec 2021 3:30

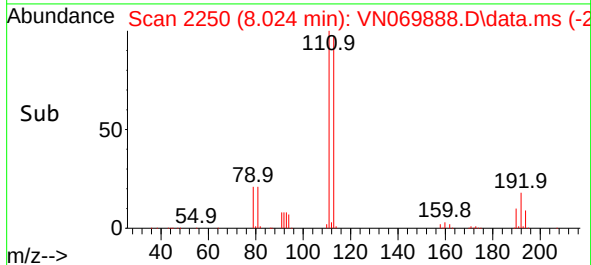
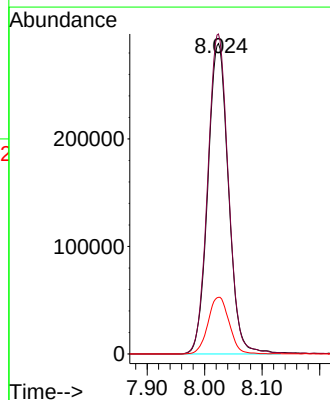
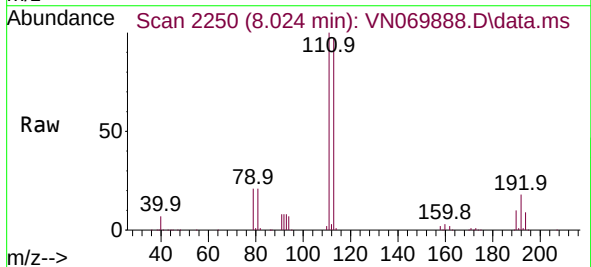
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#13

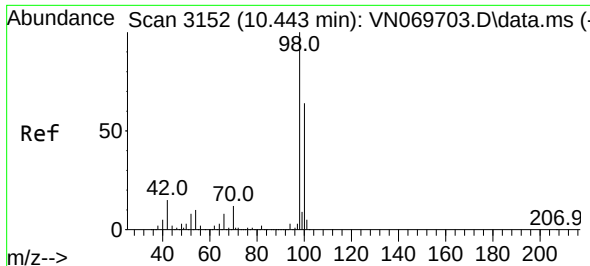
Tgt Ion:114 Resp: 2437118
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.185 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069888.D
Acq: 9 Dec 2021 3:30

Tgt Ion:113 Resp: 720304
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.7 16.9 25.3

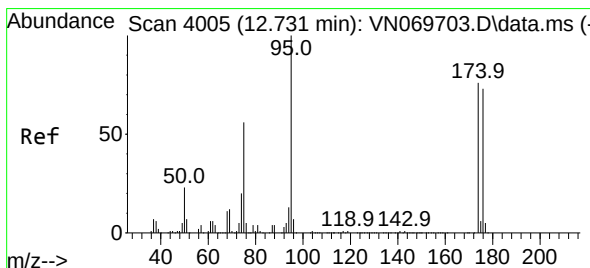
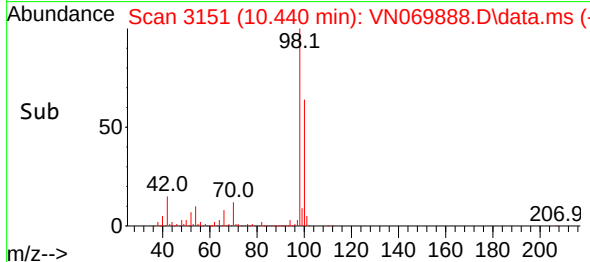
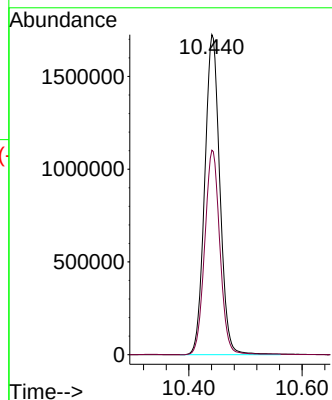
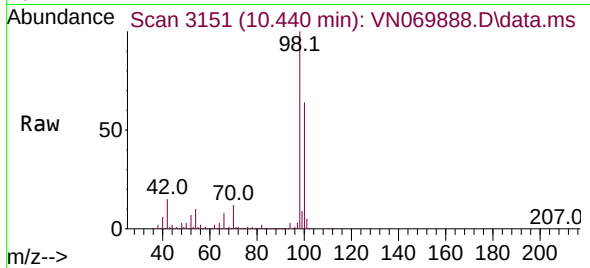




#50
Toluene-d8
Concen: 52.096 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069888.D
Acq: 9 Dec 2021 3:30

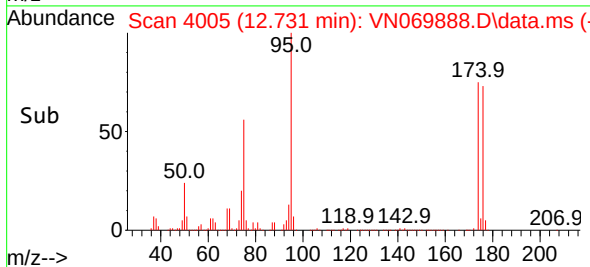
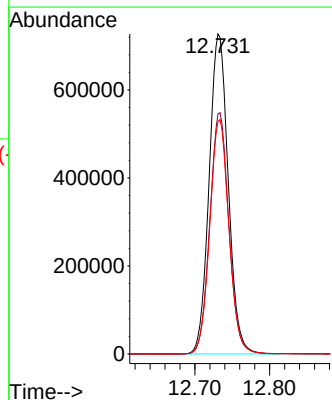
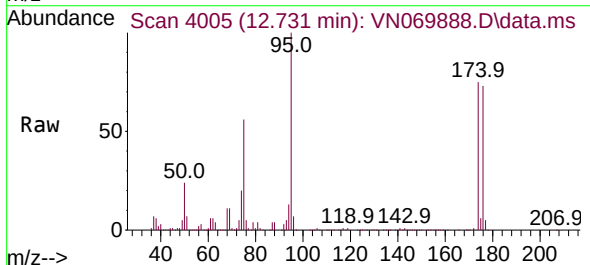
Instrument :
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PB141231ZHE#13

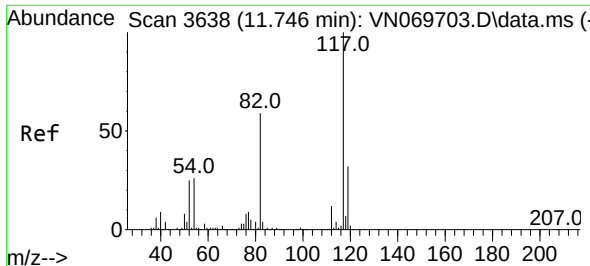
Tgt Ion: 98 Resp: 3193294
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 58.176 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069888.D
Acq: 9 Dec 2021 3:30

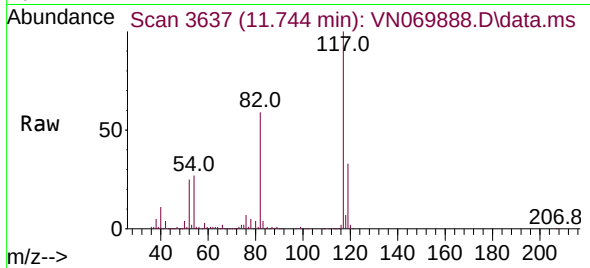
Tgt Ion: 95 Resp: 1291884
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 73.2 0.0 181.4





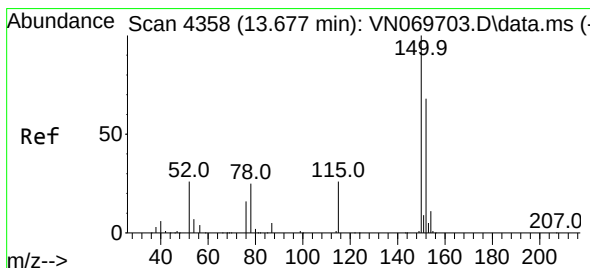
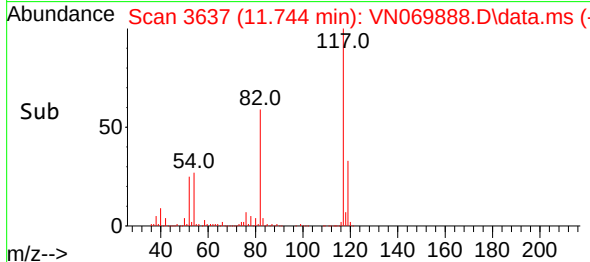
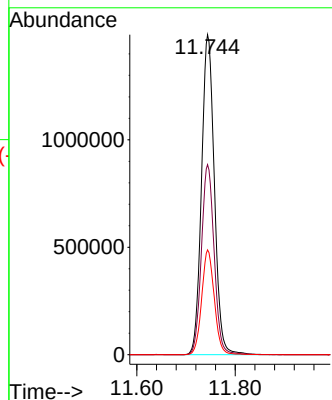
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069888.D
Acq: 9 Dec 2021 3:30

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#13



Tgt Ion:117 Resp: 2697258

Ion	Ratio	Lower	Upper
117	100		
82	59.4	42.4	63.6
119	32.8	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: VN069888.D
Acq: 9 Dec 2021 3:30

Tgt Ion:152 Resp: 1085236

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.5	82.5
150	155.9	0.0	344.4

