

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069883.D
 Acq On : 9 Dec 2021 1:23
 Operator : JC/MD
 Sample : PB141231ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#08

Quant Time: Dec 09 11:53:31 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)

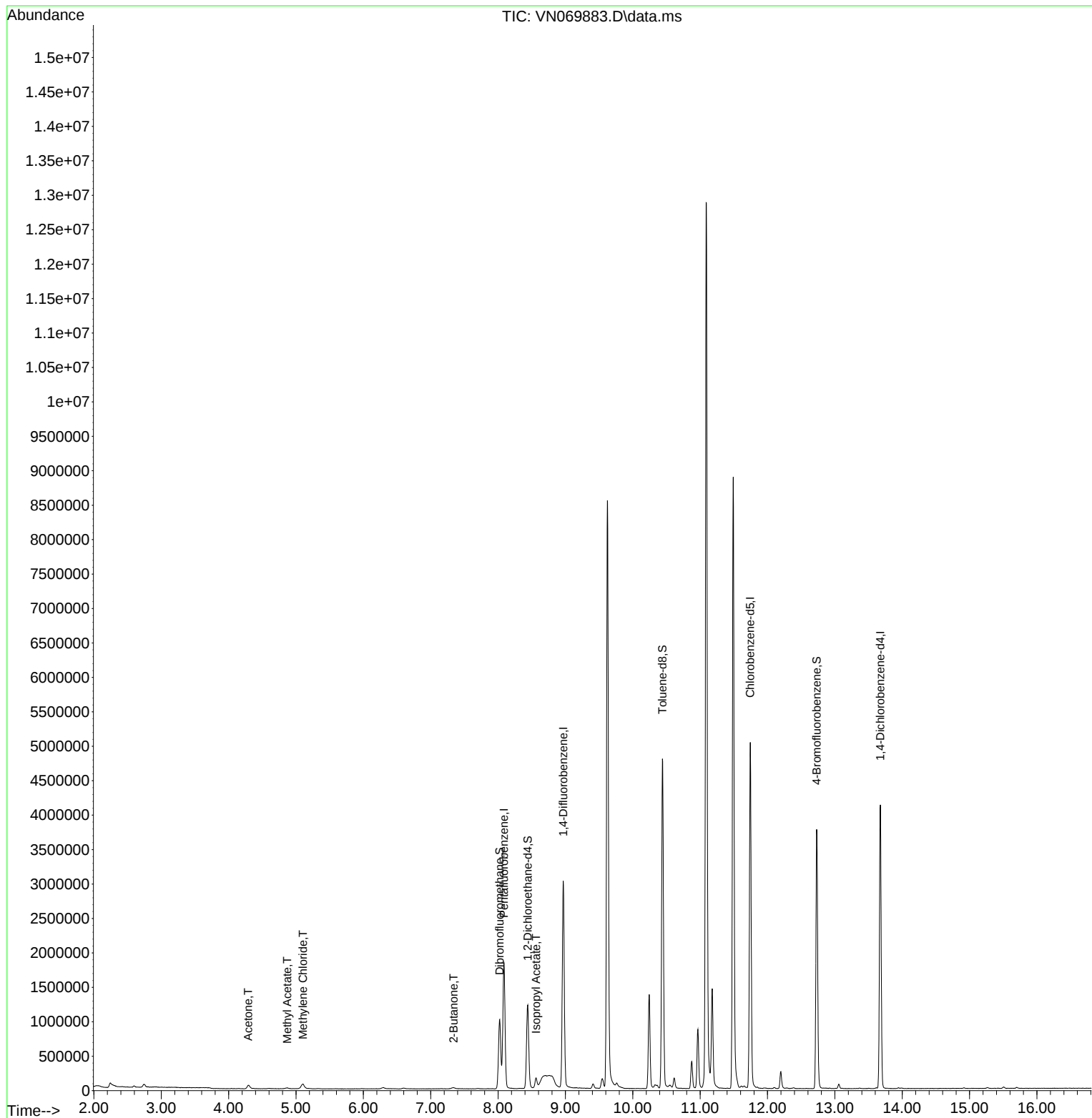
Internal Standards						
1) Pentafluorobenzene	8.086	168	1337168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2479962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2753816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1082792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1056790	51.186	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.380%			
35) Dibromofluoromethane	8.024	113	732525	47.156	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.320%			
50) Toluene-d8	10.440	98	3255290	52.190	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.380%			
62) 4-Bromofluorobenzene	12.731	95	1310135	57.979	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.960%			
Target Compounds					Qvalue	
16) Acetone	4.291	43	98974	7.969	ug/l	94
18) Methyl Acetate	4.870	43	25544	0.681	ug/l #	62
20) Methylene Chloride	5.103	84	46630	2.824	ug/l	89
25) 2-Butanone	7.340	43	22014	1.305	ug/l #	84
43) Isopropyl Acetate	8.563	43	182126	3.503	ug/l #	83

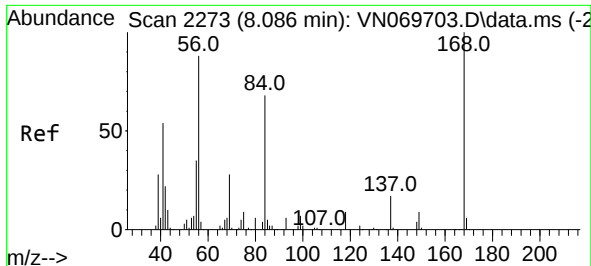
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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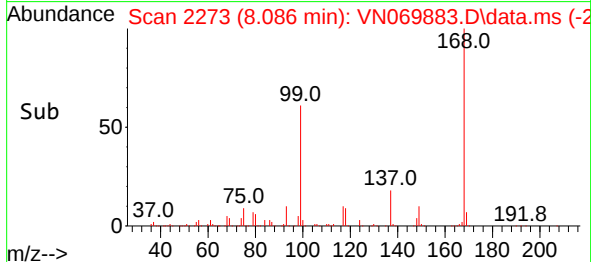
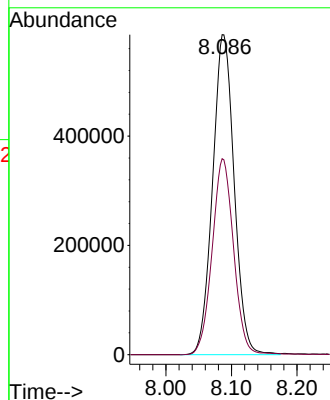
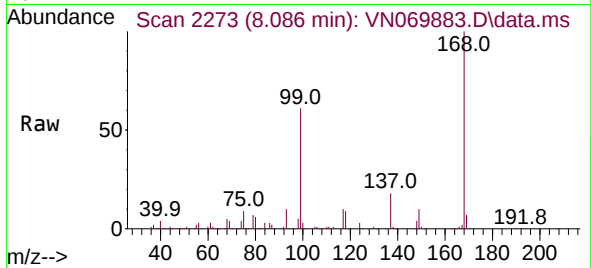




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

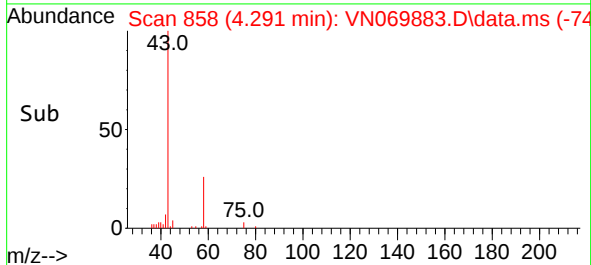
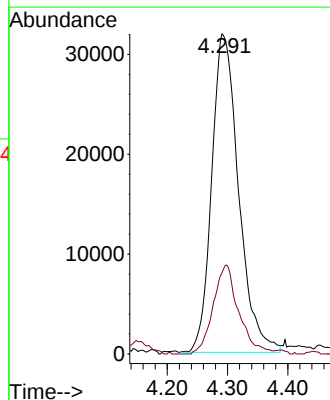
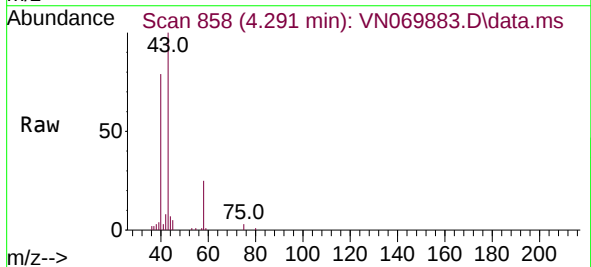
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#08

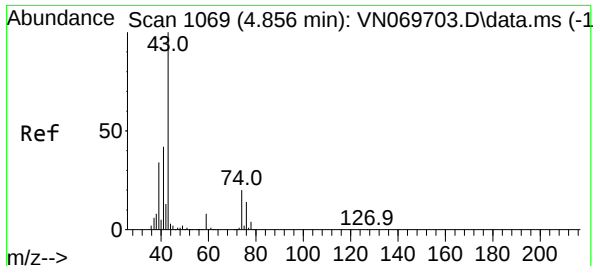
Tgt Ion:168 Resp: 1337168
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9



#16
Acetone
Concen: 7.969 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

Tgt Ion: 43 Resp: 98974
Ion Ratio Lower Upper
43 100
58 25.5 23.1 34.7

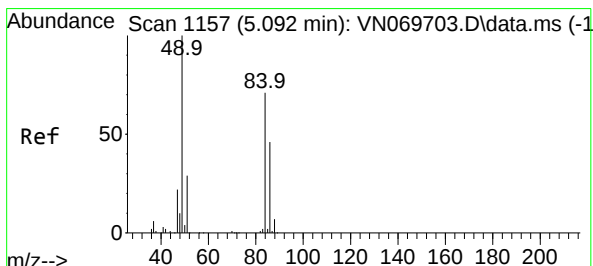
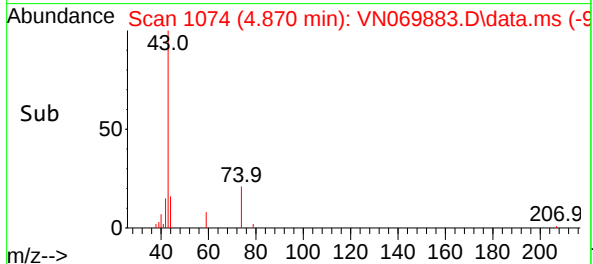
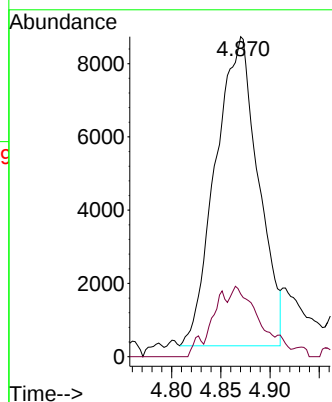
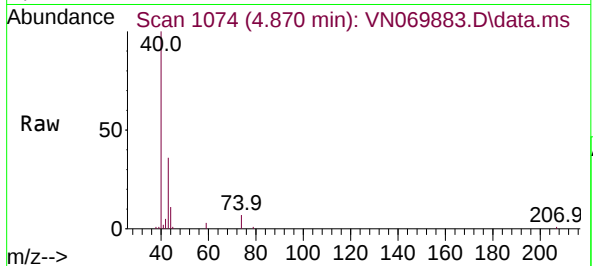




#18
Methyl Acetate
Concen: 0.681 ug/l
RT: 4.870 min Scan# 1107
Delta R.T. 0.014 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

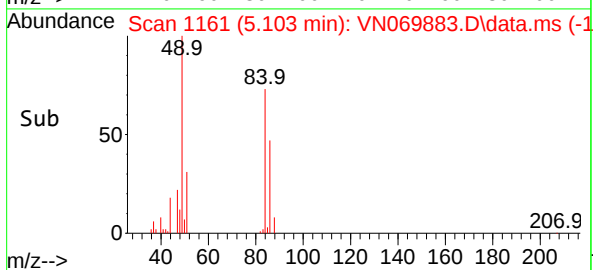
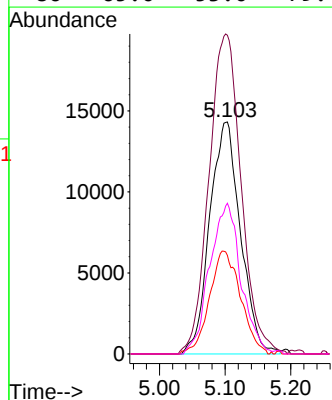
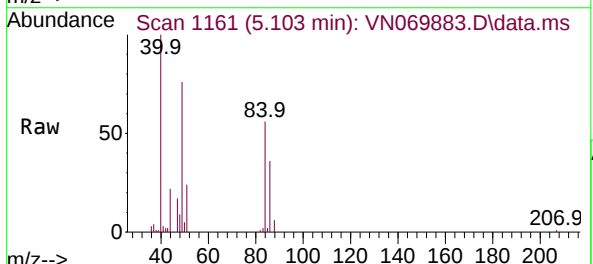
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#08

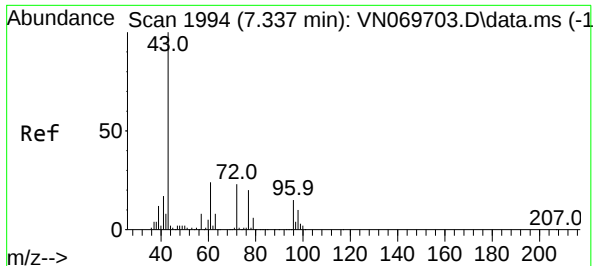
Tgt Ion: 43 Resp: 25544
Ion Ratio Lower Upper
43 100
74 5.3 19.4 29.2#



#20
Methylene Chloride
Concen: 2.824 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.011 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

Tgt Ion: 84 Resp: 46630
Ion Ratio Lower Upper
84 100
49 136.3 93.5 140.3
51 42.5 29.4 44.2
86 65.0 53.0 79.4





#25

2-Butanone

Concen: 1.305 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN069883.D

Acq: 9 Dec 2021 1:23

Instrument :

MSVOA_N

ClientSampleId :

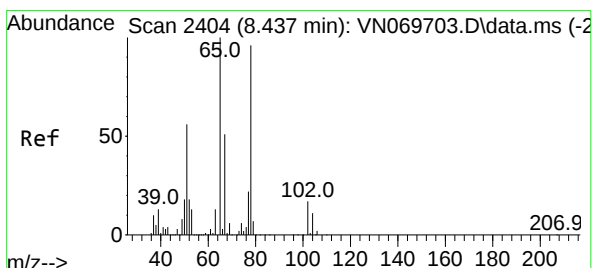
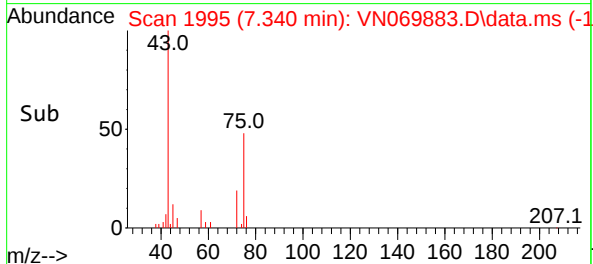
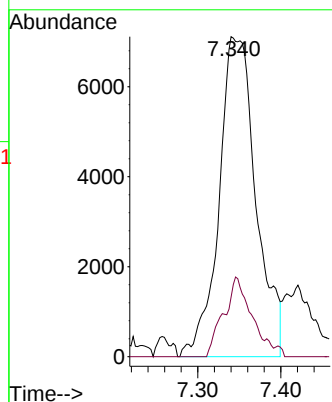
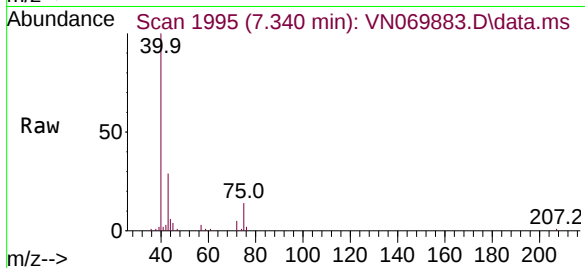
PB141231ZHE#08

Tgt Ion: 43 Resp: 22014

Ion Ratio Lower Upper

43 100

72 18.6 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 51.186 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069883.D

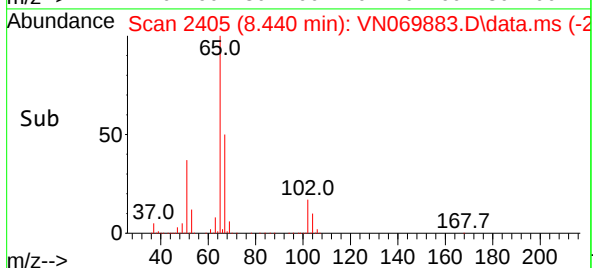
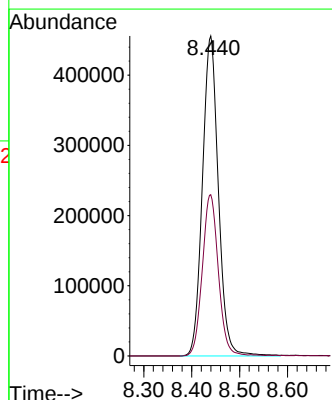
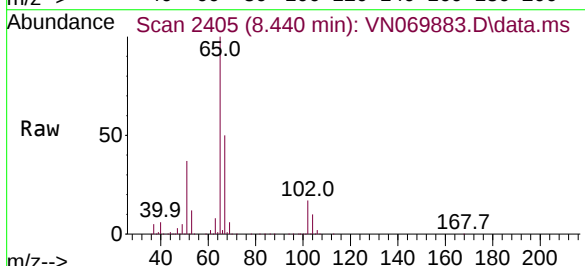
Acq: 9 Dec 2021 1:23

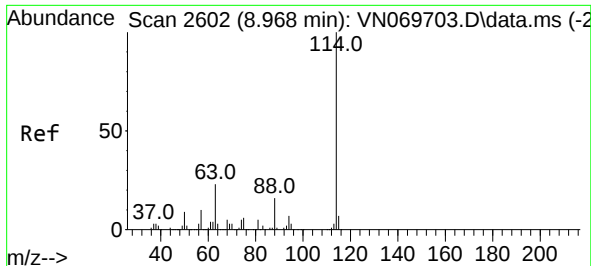
Tgt Ion: 65 Resp: 1056790

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0

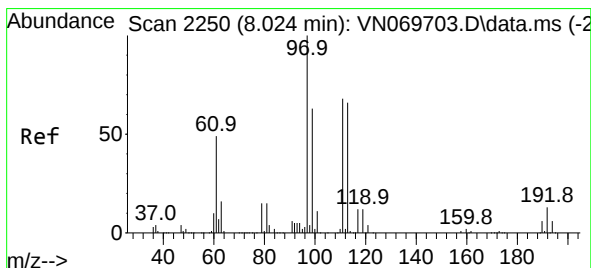
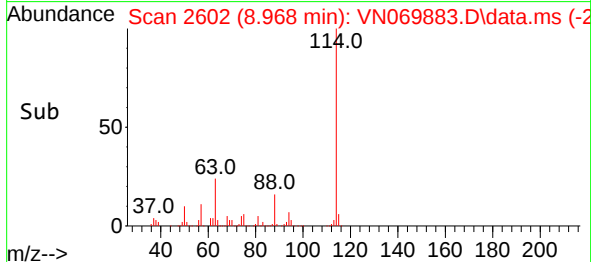
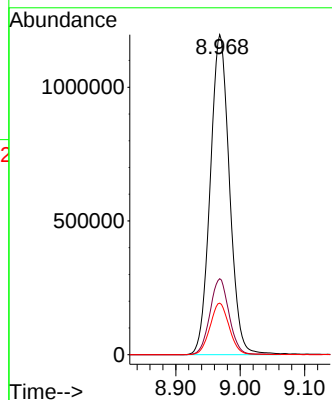
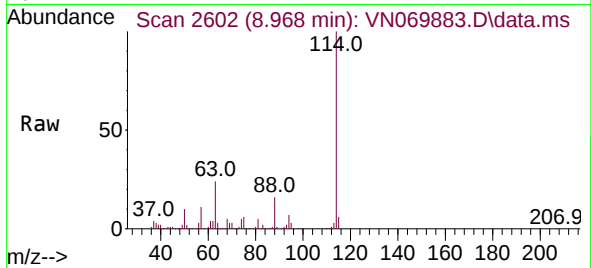




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

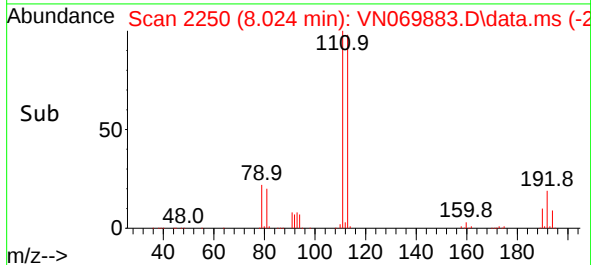
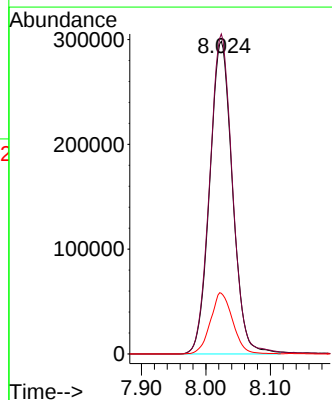
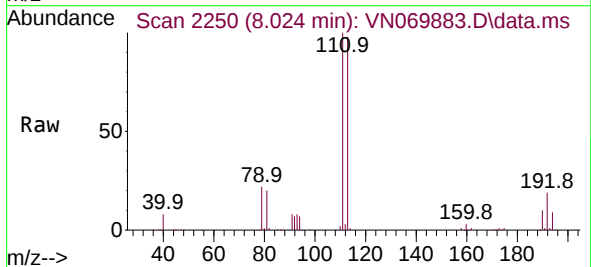
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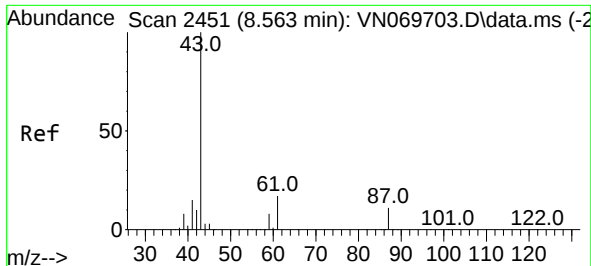
Tgt Ion:114 Resp: 2479962
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.156 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

Tgt Ion:113 Resp: 732525
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.1 16.9 25.3

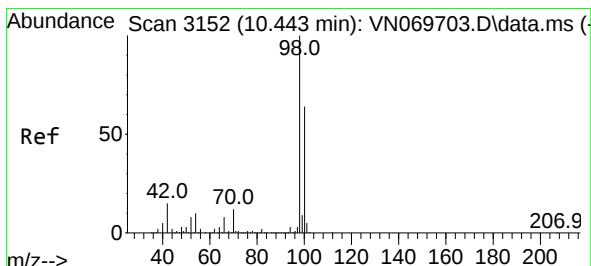
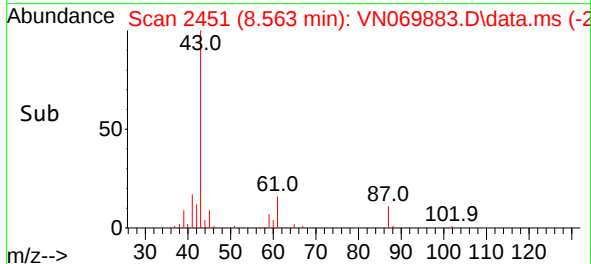
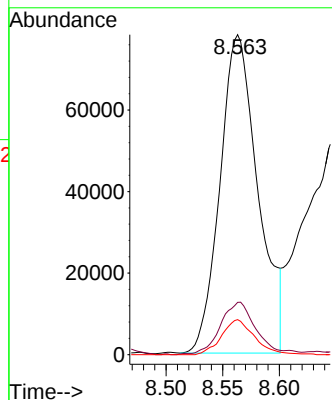
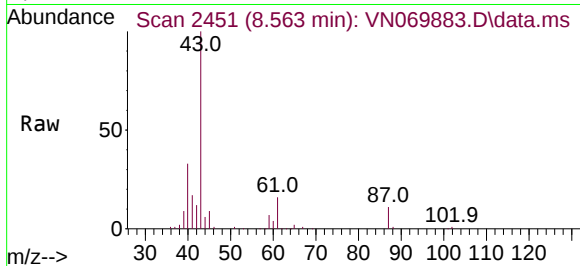




#43
Isopropyl Acetate
Concen: 3.503 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

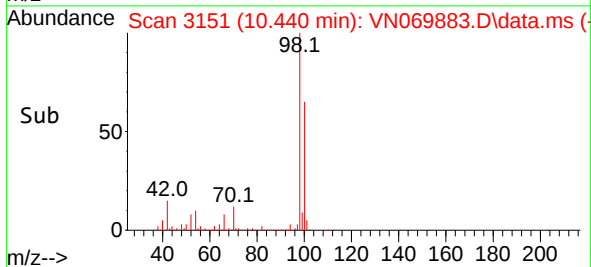
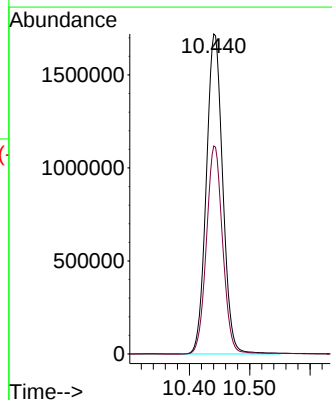
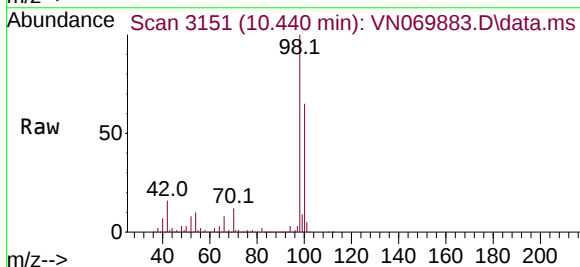
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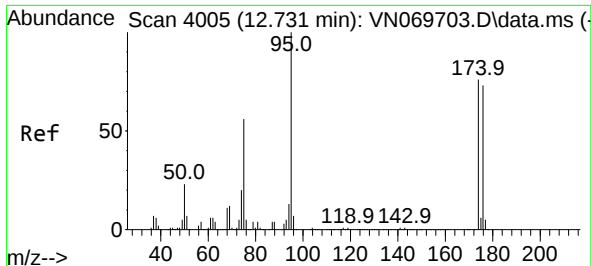
Tgt Ion: 43 Resp: 182126
Ion Ratio Lower Upper
43 100
61 15.2 20.4 30.6#
87 9.6 11.2 16.8#



#50
Toluene-d8
Concen: 52.190 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

Tgt Ion: 98 Resp: 3255290
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

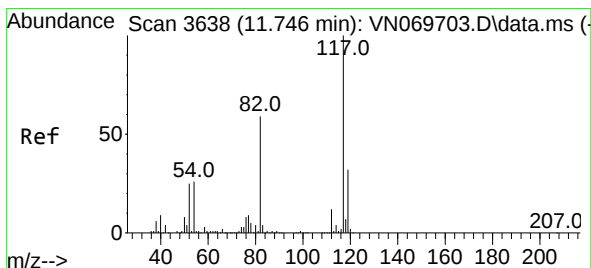
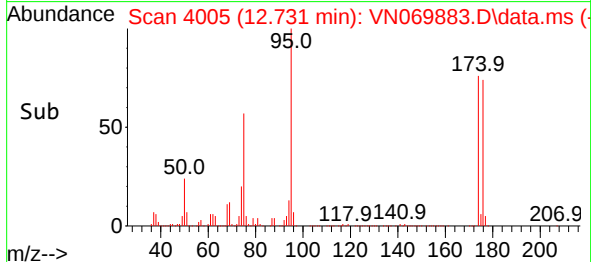
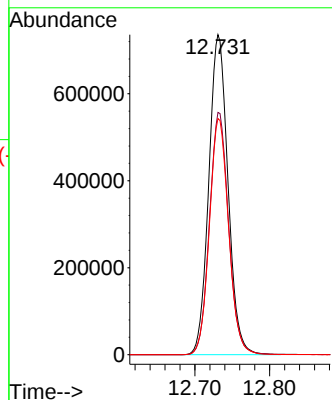
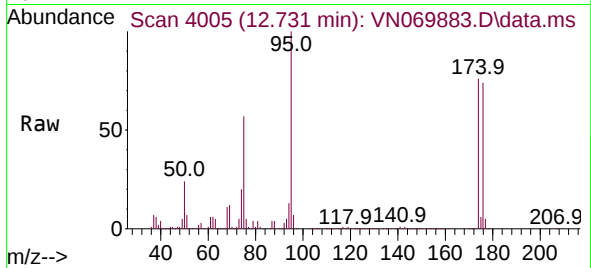




#62
4-Bromofluorobenzene
Concen: 57.979 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

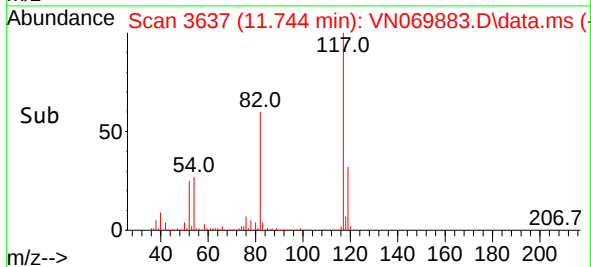
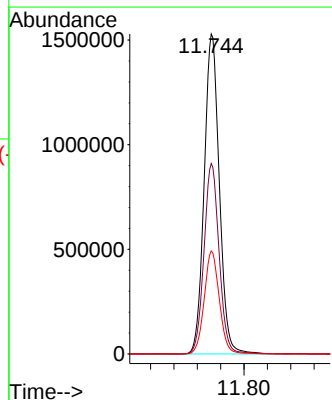
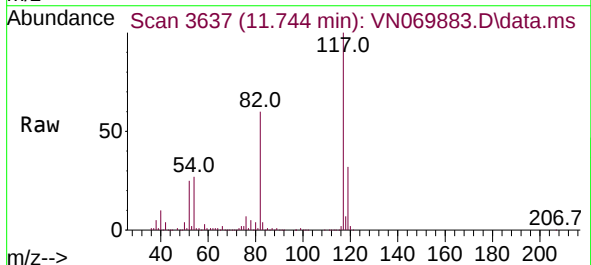
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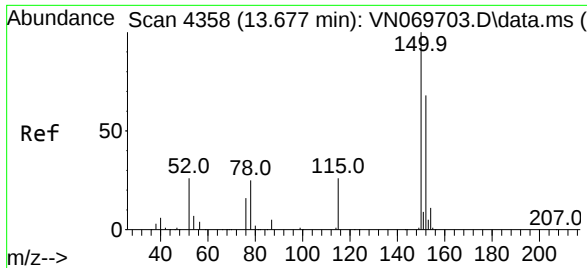
Tgt Ion: 95 Resp: 1310135
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069883.D
Acq: 9 Dec 2021 1:23

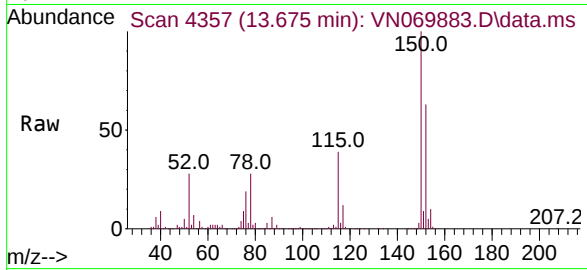
Tgt Ion: 117 Resp: 2753816
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069883.D
 Acq: 9 Dec 2021 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#08



Tgt Ion:152 Resp: 1082792

Ion	Ratio	Lower	Upper
152	100		
115	61.1	27.5	82.5
150	158.2	0.0	344.4

