

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069884.D
 Acq On : 9 Dec 2021 1:48
 Operator : JC/MD
 Sample : PB141231ZHE#09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#09

Quant Time: Dec 09 11:54:02 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)

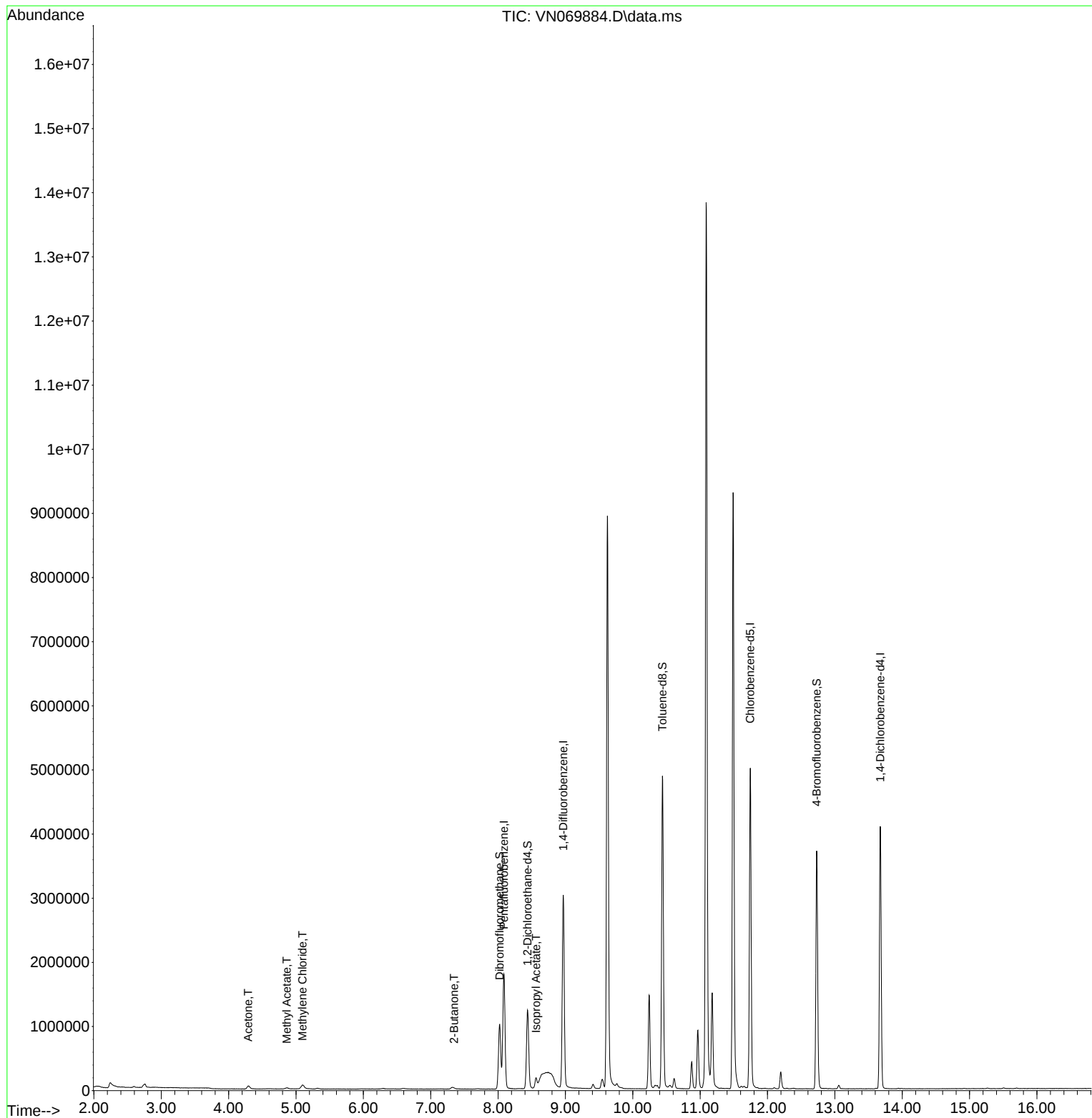
Internal Standards						
1) Pentafluorobenzene	8.086	168	1338883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2486174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2763584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1099451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1072591	51.885	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.780%	
35) Dibromofluoromethane	8.021	113	734445	47.162	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.320%	
50) Toluene-d8	10.440	98	3274578	52.368	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.731	95	1303451	57.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	88198	7.093	ug/l	100
18) Methyl Acetate	4.862	43	38906	1.037	ug/l #	90
20) Methylene Chloride	5.095	84	42527	2.573	ug/l	86
25) 2-Butanone	7.348	43	18196	1.077	ug/l	98
43) Isopropyl Acetate	8.563	43	195311	3.747	ug/l #	83

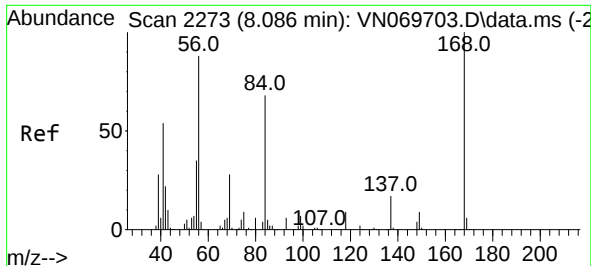
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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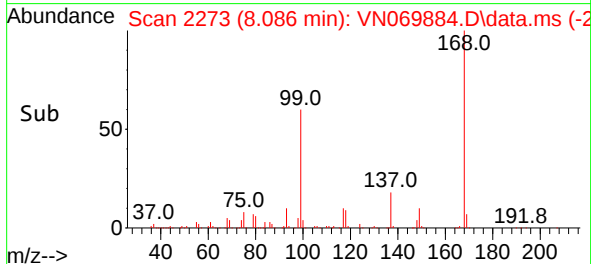
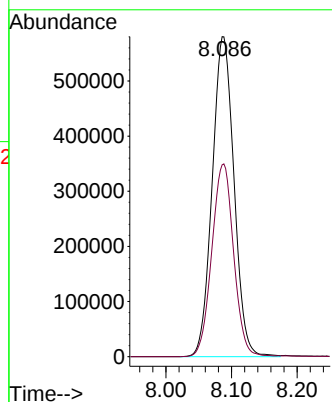
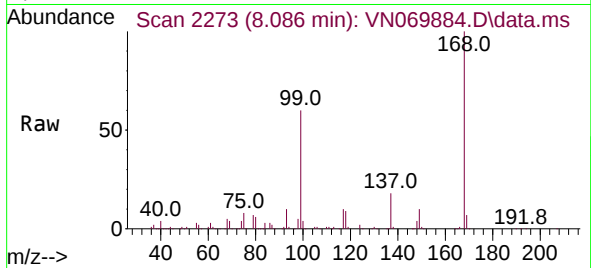




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069884.D
Acq: 9 Dec 2021 1:48

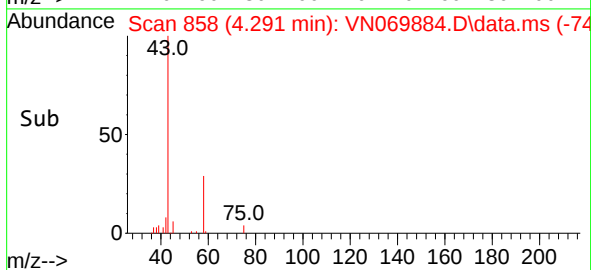
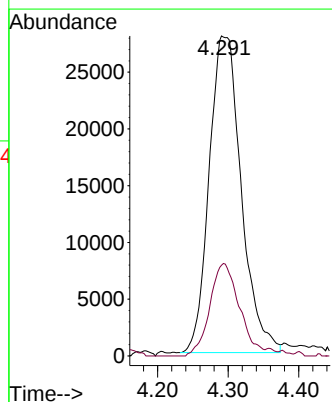
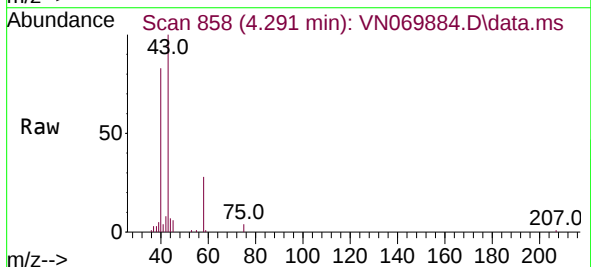
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#09

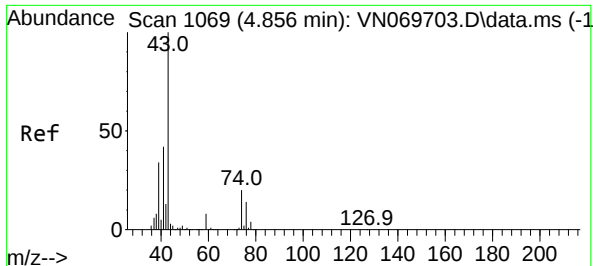
Tgt Ion:168 Resp: 1338883
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#16
Acetone
Concen: 7.093 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069884.D
Acq: 9 Dec 2021 1:48

Tgt Ion: 43 Resp: 88198
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7





#18

Methyl Acetate

Concen: 1.037 ug/l

RT: 4.862 min Scan# 1069

Delta R.T. 0.005 min

Lab File: VN069884.D

Acq: 9 Dec 2021 1:48

Instrument :

MSVOA_N

ClientSampleId :

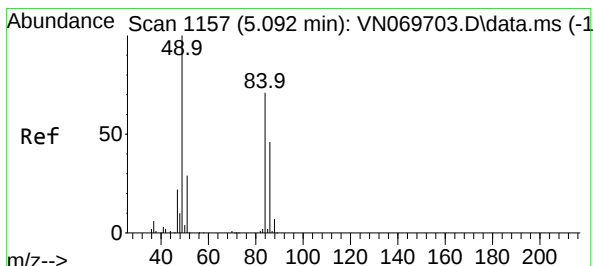
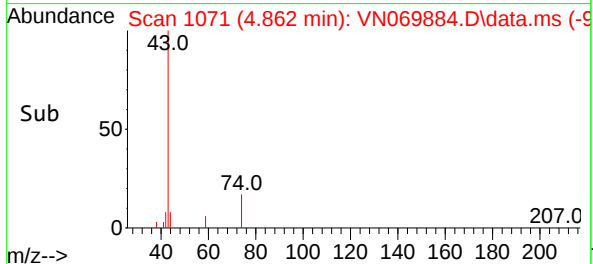
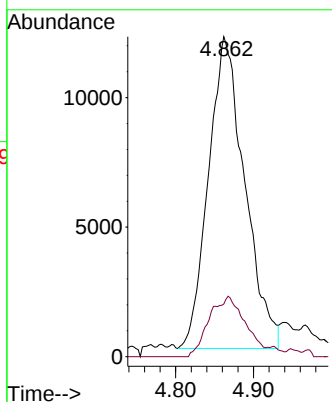
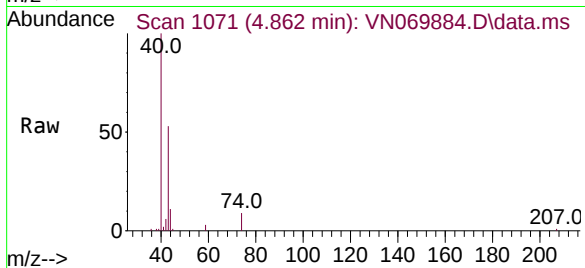
PB141231ZHE#09

Tgt Ion: 43 Resp: 38906

Ion Ratio Lower Upper

43 100

74 19.3 19.4 29.2#



#20

Methylene Chloride

Concen: 2.573 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069884.D

Acq: 9 Dec 2021 1:48

Tgt Ion: 84 Resp: 42527

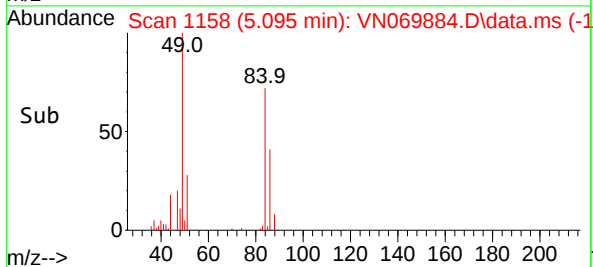
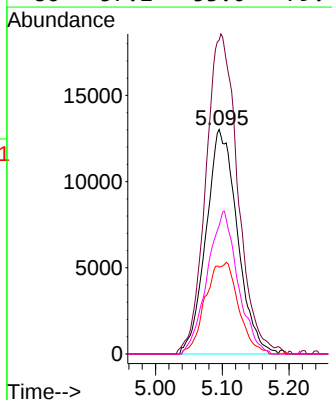
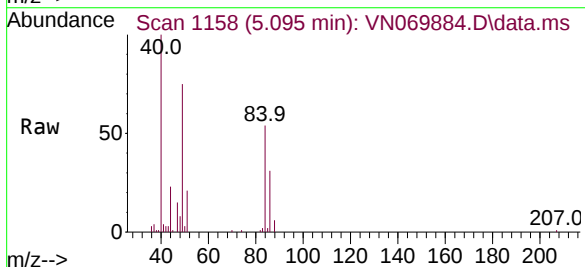
Ion Ratio Lower Upper

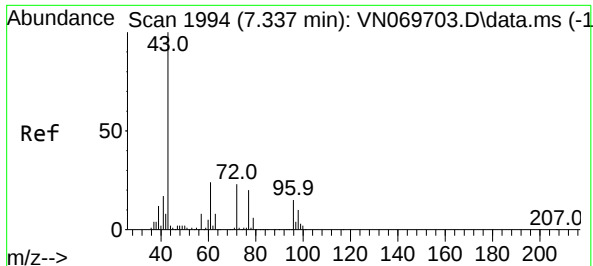
84 100

49 138.2 93.5 140.3

51 38.7 29.4 44.2

86 57.2 53.0 79.4





#25

2-Butanone

Concen: 1.077 ug/l

RT: 7.348 min Scan# 1994

Delta R.T. 0.011 min

Lab File: VN069884.D

Acq: 9 Dec 2021 1:48

Instrument :

MSVOA_N

ClientSampleId :

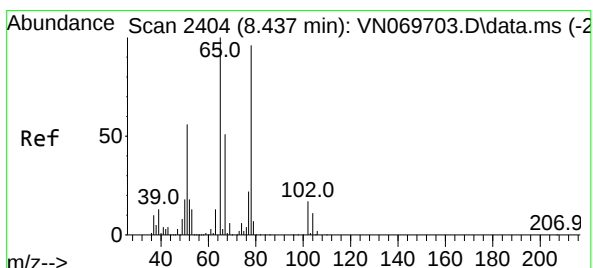
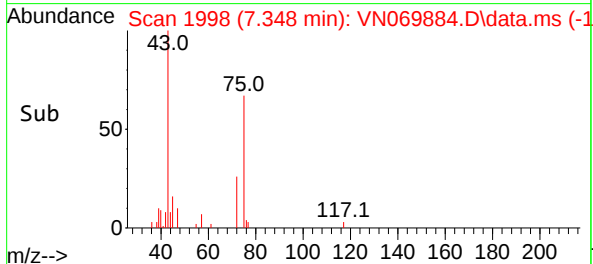
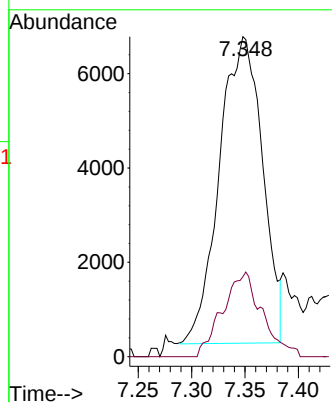
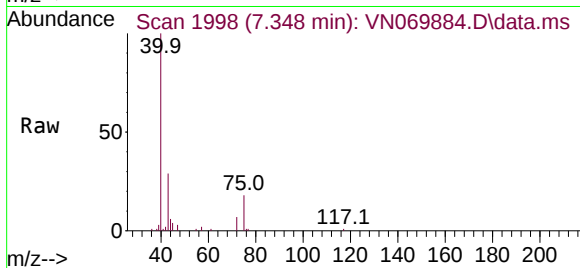
PB141231ZHE#09

Tgt Ion: 43 Resp: 18196

Ion Ratio Lower Upper

43 100

72 26.2 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 51.885 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069884.D

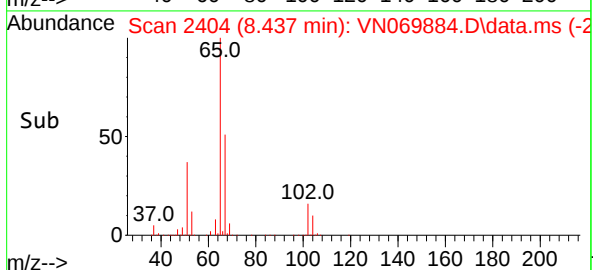
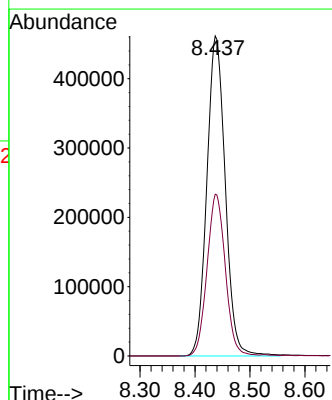
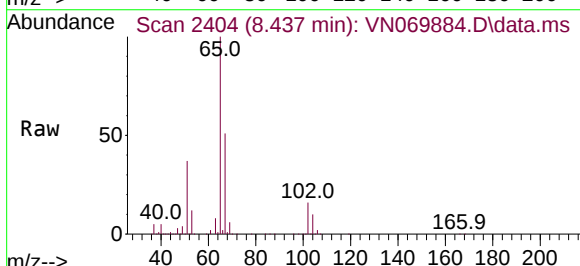
Acq: 9 Dec 2021 1:48

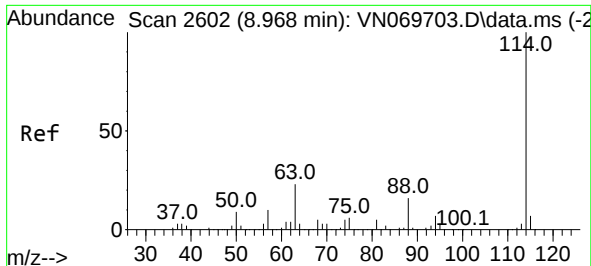
Tgt Ion: 65 Resp: 1072591

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0

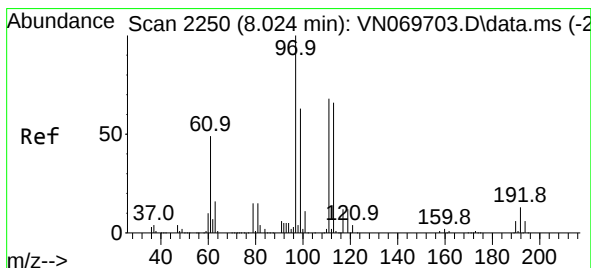
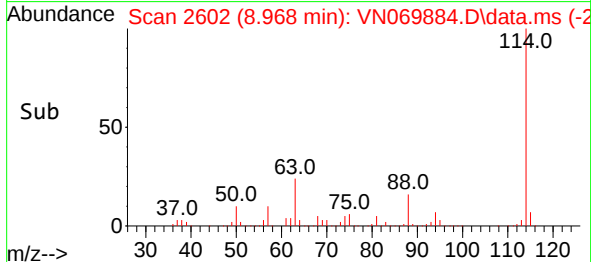
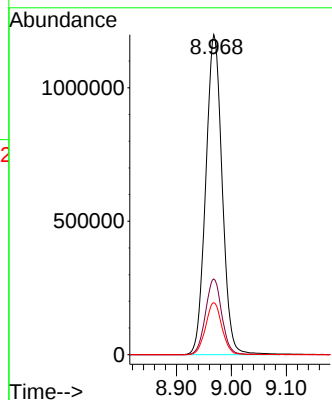
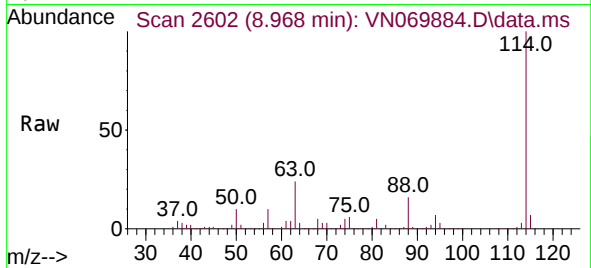




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069884.D
Acq: 9 Dec 2021 1:48

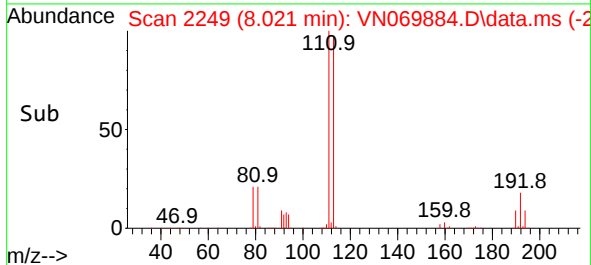
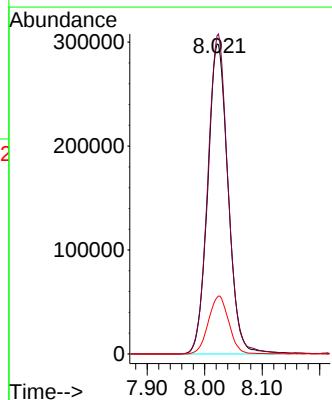
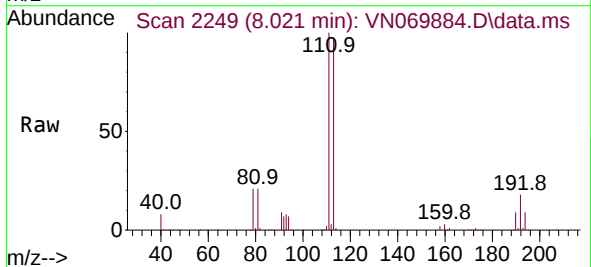
Instrument :
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PB141231ZHE#09

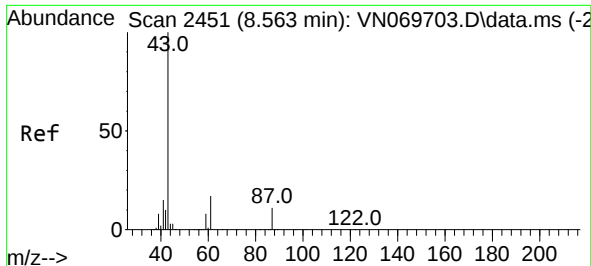
Tgt Ion:114 Resp: 2486174
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.162 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069884.D
Acq: 9 Dec 2021 1:48

Tgt Ion:113 Resp: 734445
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.7 16.9 25.3

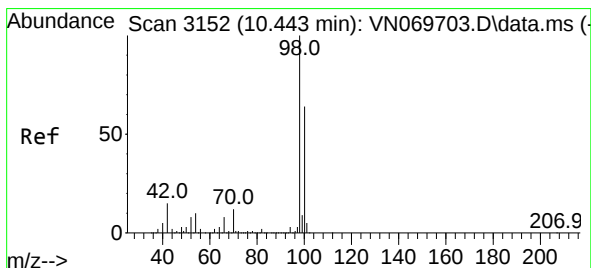
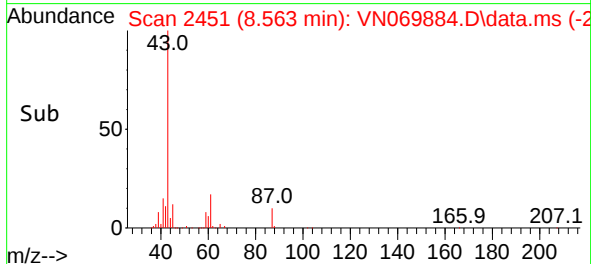
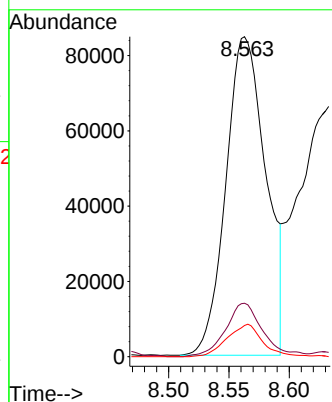
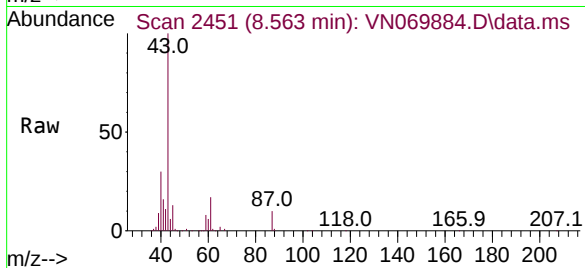




#43
Isopropyl Acetate
Concen: 3.747 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069884.D
Acq: 9 Dec 2021 1:48

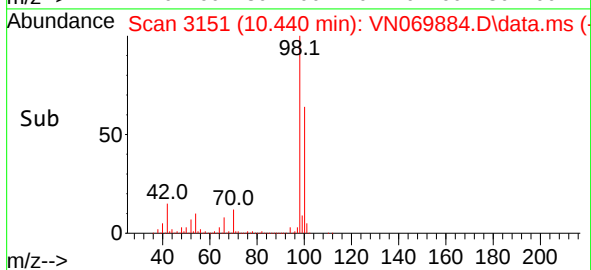
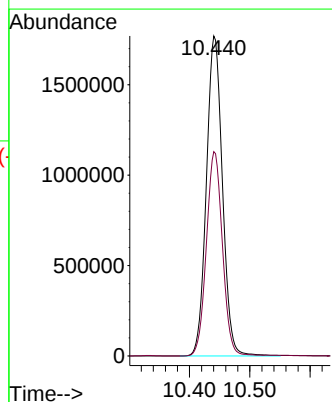
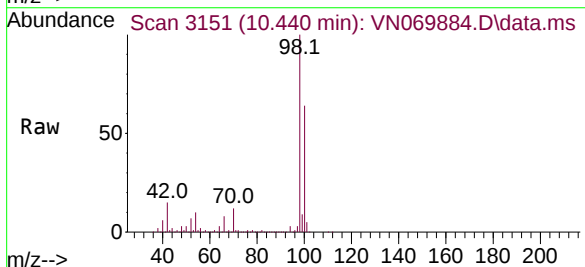
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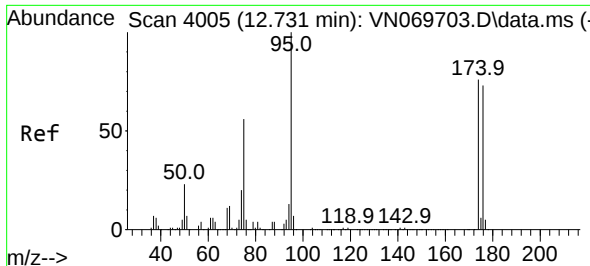
Tgt Ion: 43 Resp: 195311
Ion Ratio Lower Upper
43 100
61 15.7 20.4 30.6#
87 9.1 11.2 16.8#



#50
Toluene-d8
Concen: 52.368 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069884.D
Acq: 9 Dec 2021 1:48

Tgt Ion: 98 Resp: 3274578
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

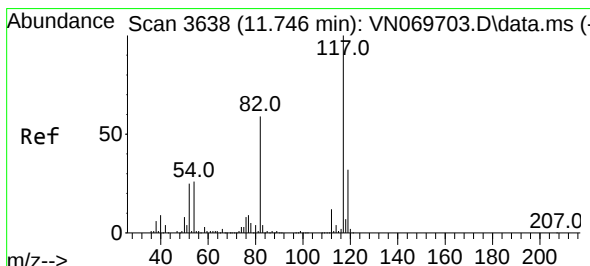
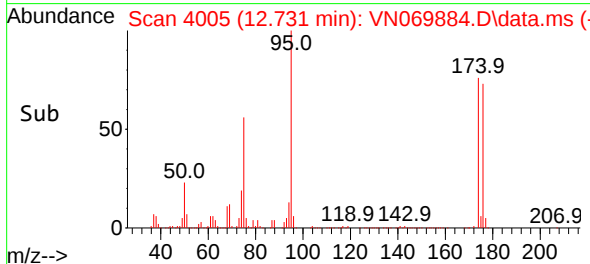
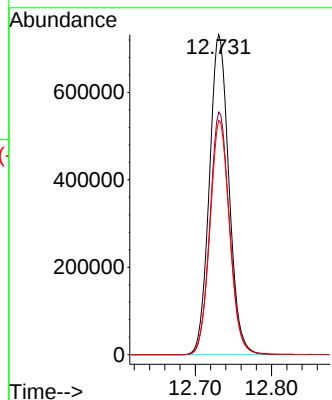
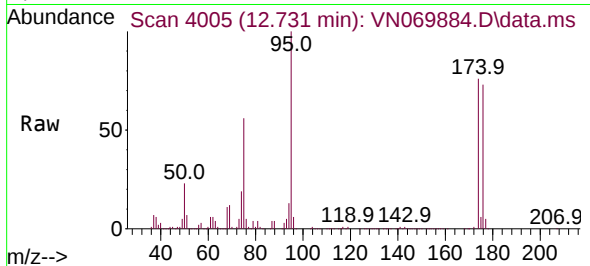




#62
4-Bromofluorobenzene
Concen: 57.539 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069884.D
Acq: 9 Dec 2021 1:48

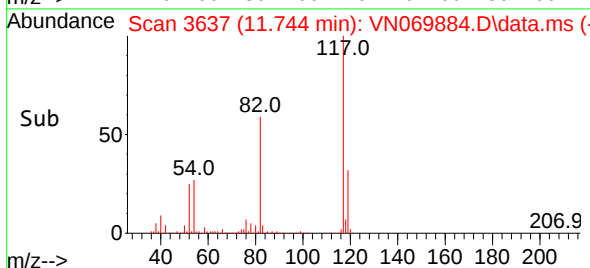
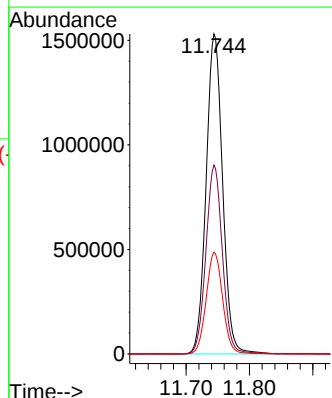
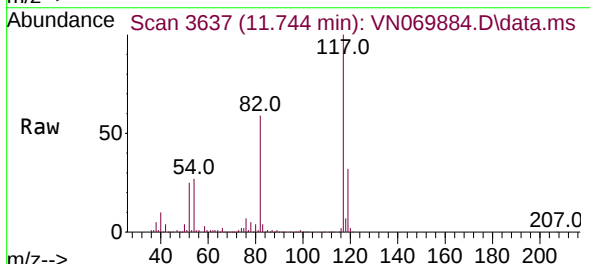
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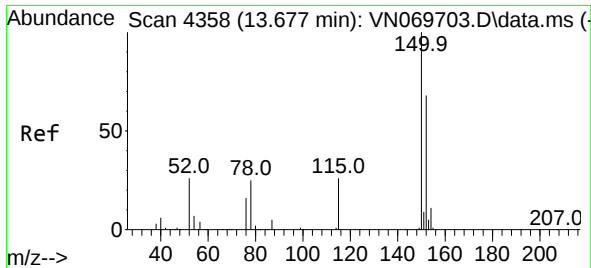
Tgt Ion: 95 Resp: 1303451
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069884.D
Acq: 9 Dec 2021 1:48

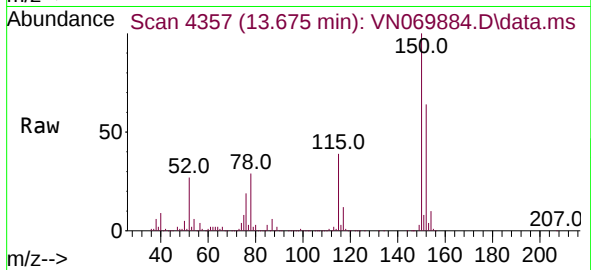
Tgt Ion: 117 Resp: 2763584
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069884.D
 Acq: 9 Dec 2021 1:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#09



Tgt Ion:152 Resp: 1099451

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.5	82.5
150	156.9	0.0	344.4

