

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069887.D
 Acq On : 9 Dec 2021 3:04
 Operator : JC/MD
 Sample : PB141231ZHE#12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#12

Quant Time: Dec 09 11:55:45 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)

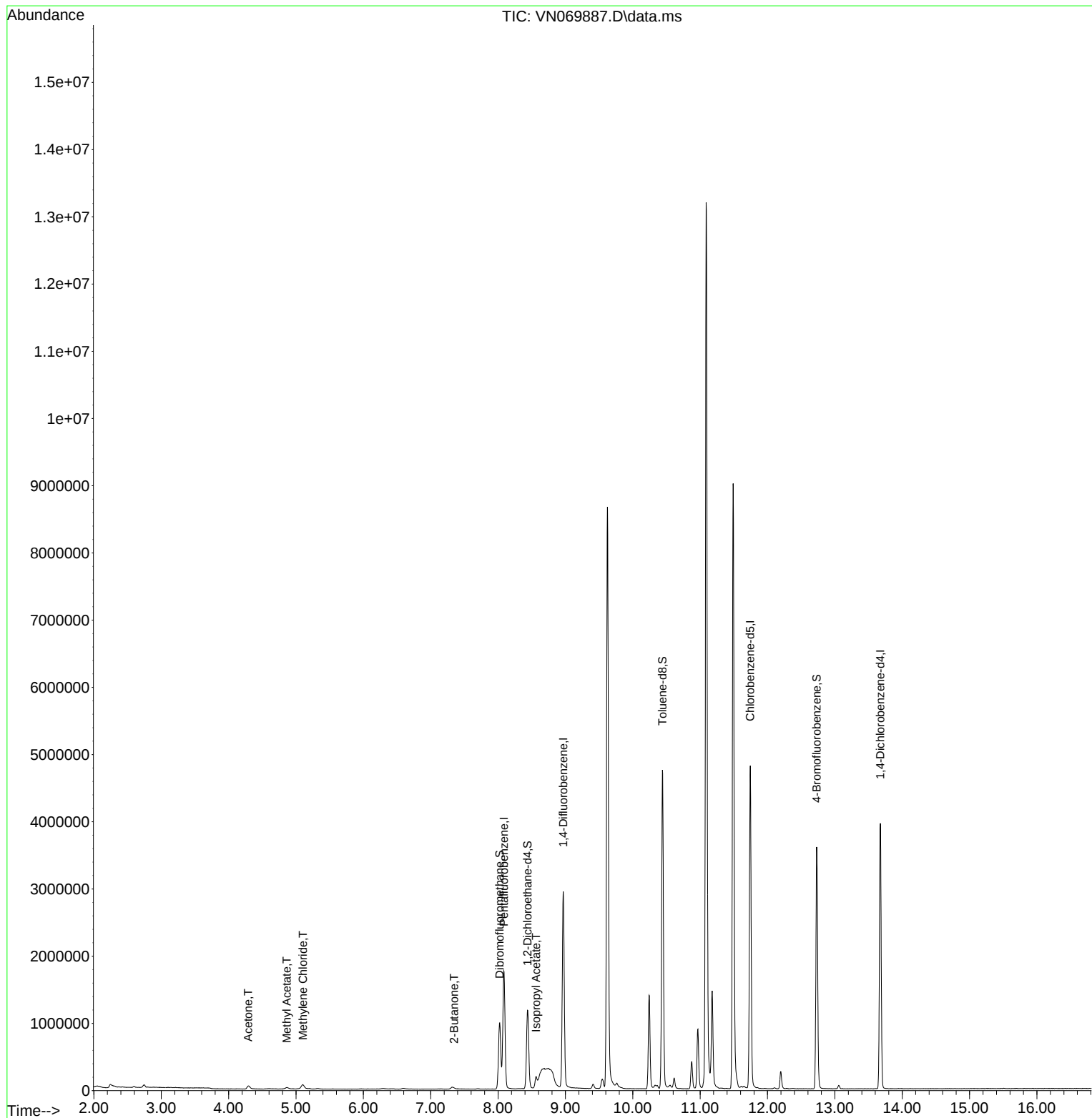
Internal Standards						
1) Pentafluorobenzene	8.086	168	1301937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2417777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2649589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1064483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1029699	51.224	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.440%	
35) Dibromofluoromethane	8.024	113	718779	47.462	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.920%	
50) Toluene-d8	10.441	98	3149234	51.788	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	12.731	95	1258812	57.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 114.280%	
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	87685	7.251	ug/l	96
18) Methyl Acetate	4.865	43	49073	1.344	ug/l #	67
20) Methylene Chloride	5.103	84	44165	2.747	ug/l	93
25) 2-Butanone	7.348	43	17877	1.088	ug/l #	88
43) Isopropyl Acetate	8.563	43	223236	4.404	ug/l #	79

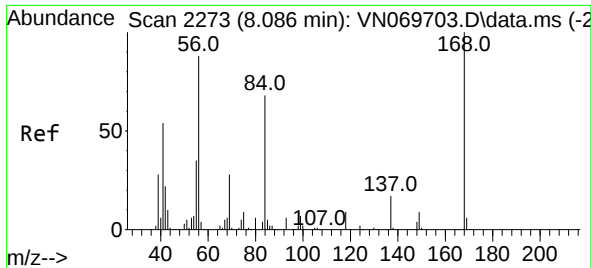
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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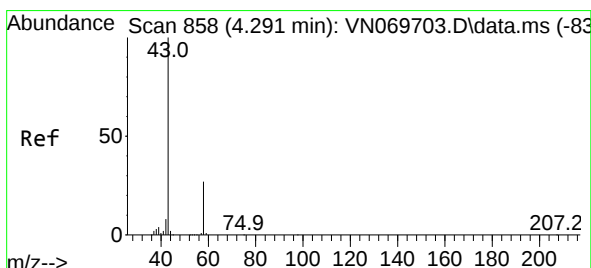
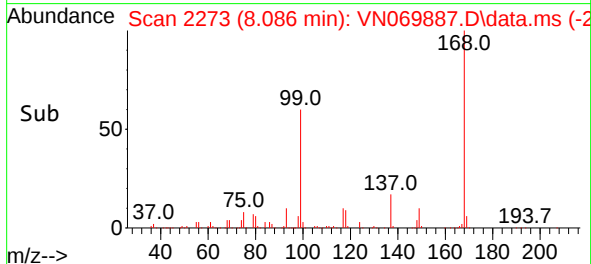
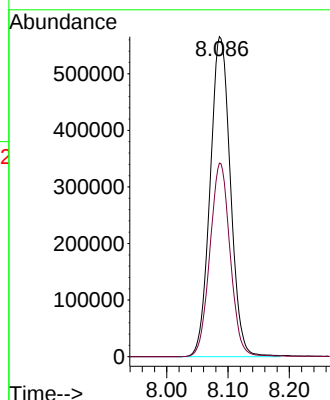
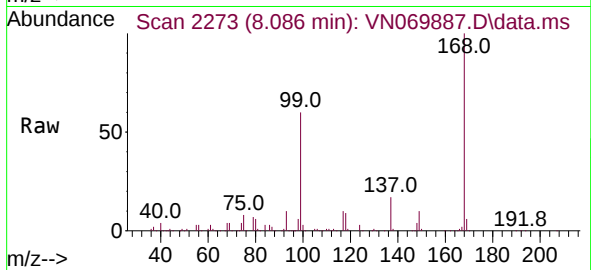




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

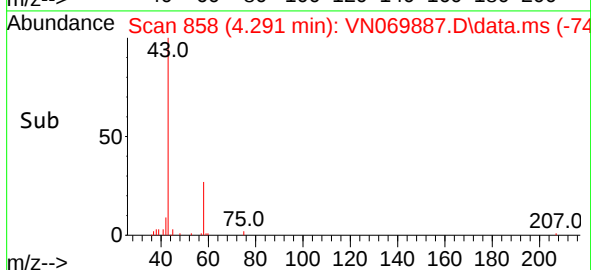
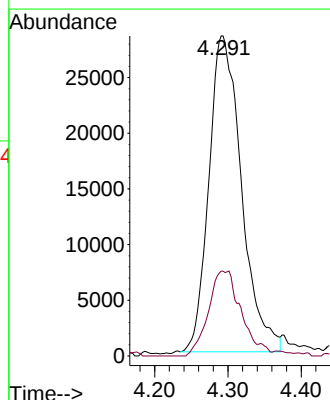
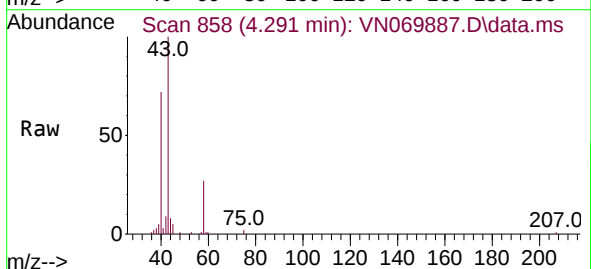
Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

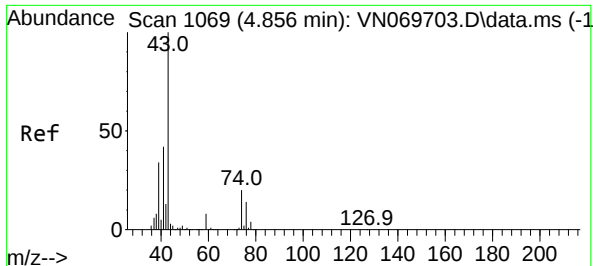
Tgt Ion:168 Resp: 1301937
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#16
Acetone
Concen: 7.251 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 43 Resp: 87685
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#18

Methyl Acetate

Concen: 1.344 ug/l

RT: 4.865 min Scan# 1107

Delta R.T. 0.008 min

Lab File: VN069887.D

Acq: 9 Dec 2021 3:04

Instrument :

MSVOA_N

ClientSampleId :

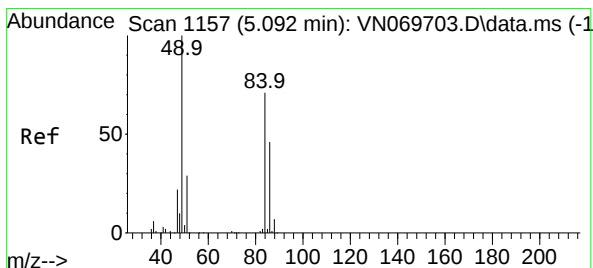
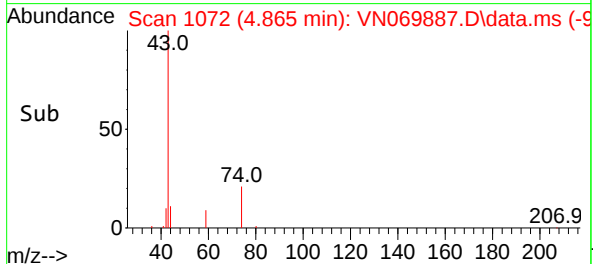
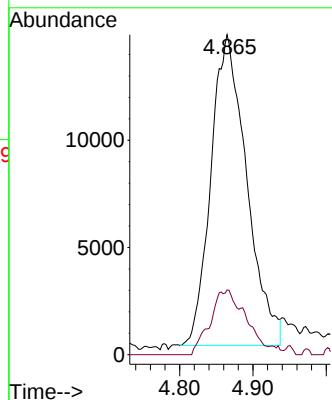
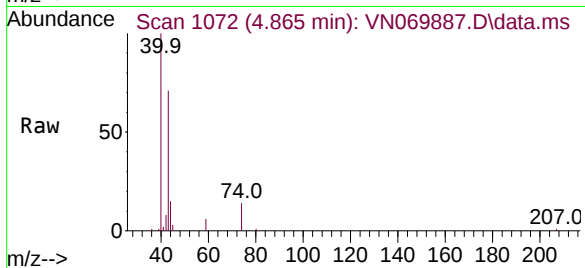
PB141231ZHE#12

Tgt Ion: 43 Resp: 49073

Ion Ratio Lower Upper

43 100

74 8.1 19.4 29.2#



#20

Methylene Chloride

Concen: 2.747 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.011 min

Lab File: VN069887.D

Acq: 9 Dec 2021 3:04

Tgt Ion: 84 Resp: 44165

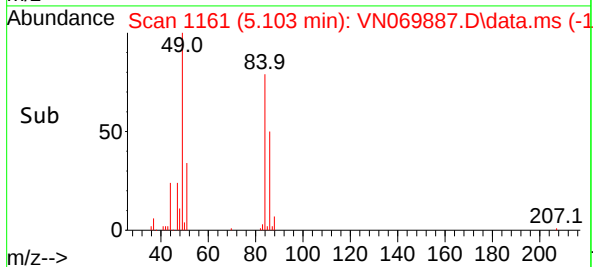
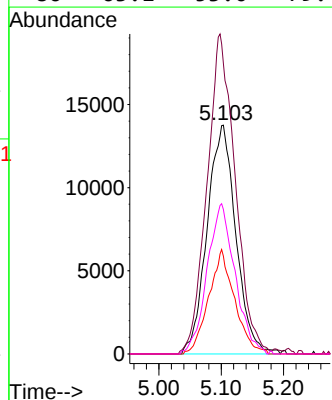
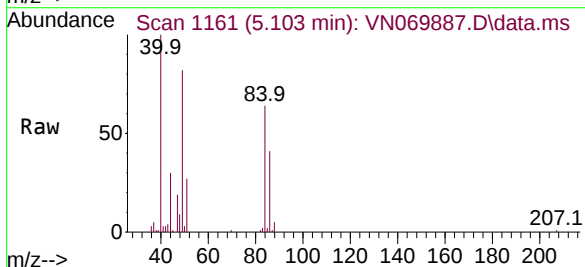
Ion Ratio Lower Upper

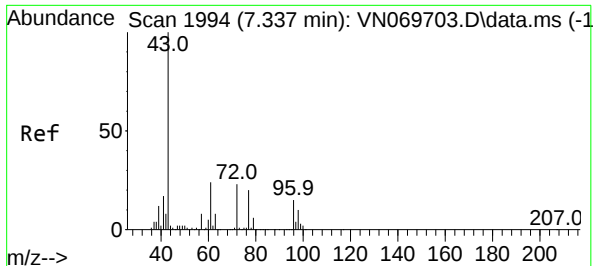
84 100

49 125.7 93.5 140.3

51 42.7 29.4 44.2

86 63.1 53.0 79.4





#25

2-Butanone

Concen: 1.088 ug/l

RT: 7.348 min Scan# 1994

Delta R.T. 0.011 min

Lab File: VN069887.D

Acq: 9 Dec 2021 3:04

Instrument :

MSVOA_N

ClientSampleId :

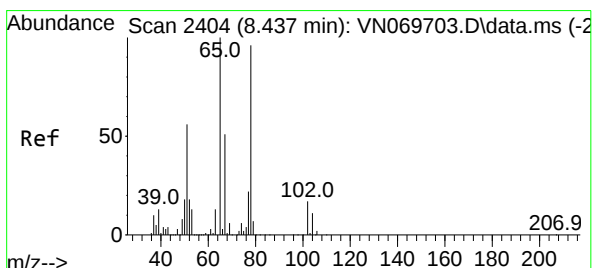
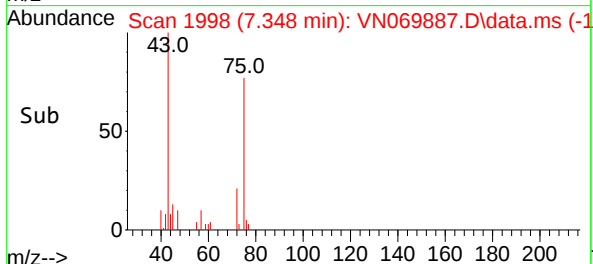
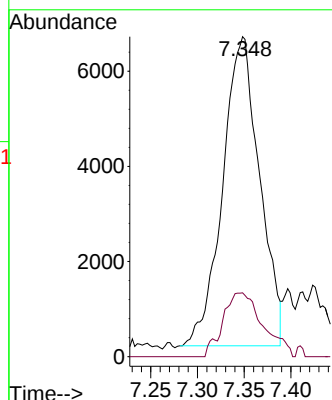
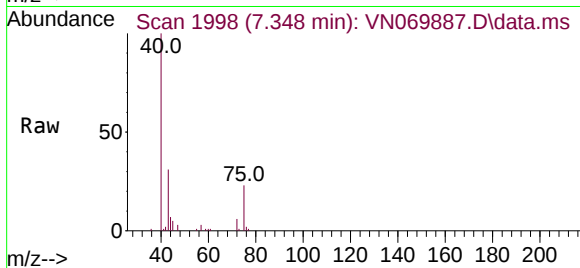
PB141231ZHE#12

Tgt Ion: 43 Resp: 17877

Ion Ratio Lower Upper

43 100

72 20.6 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 51.224 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069887.D

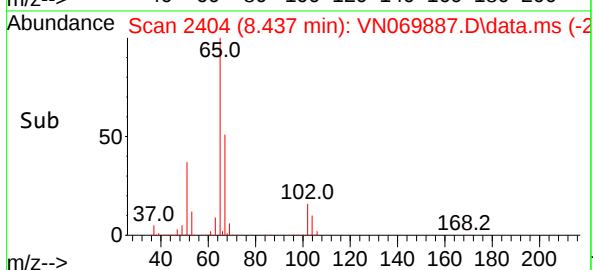
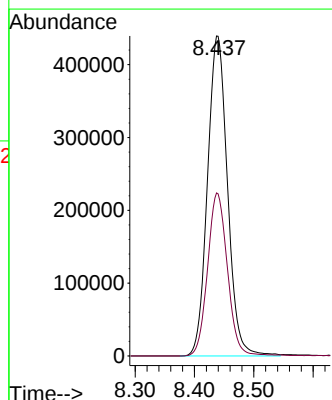
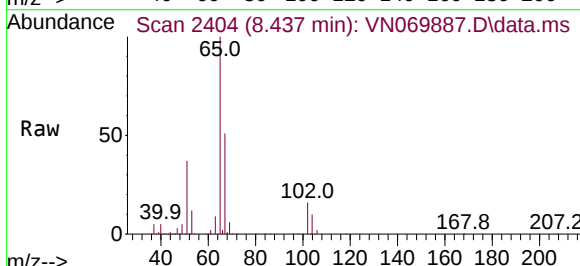
Acq: 9 Dec 2021 3:04

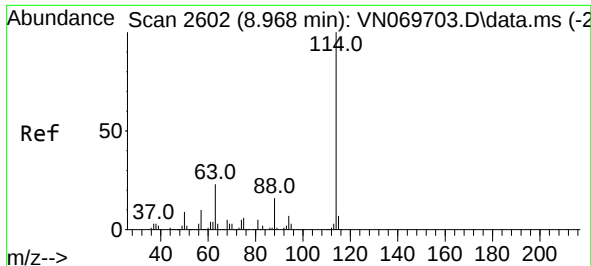
Tgt Ion: 65 Resp: 1029699

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0

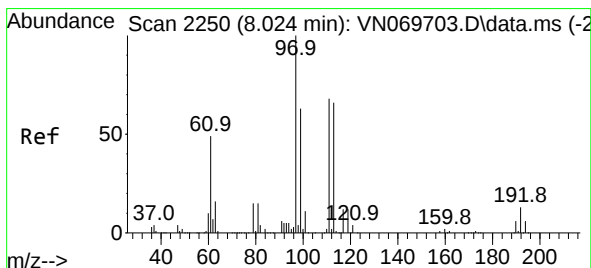
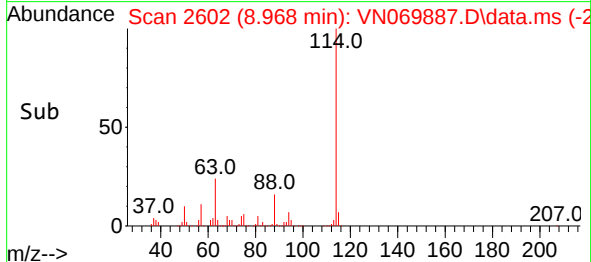
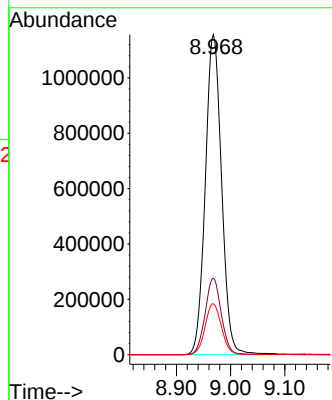
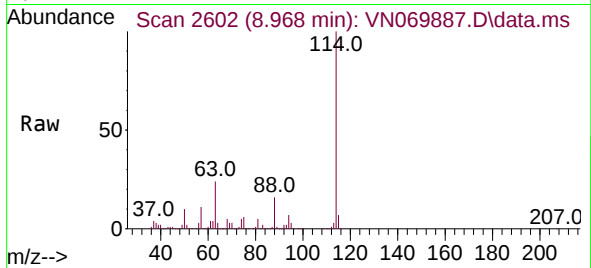




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

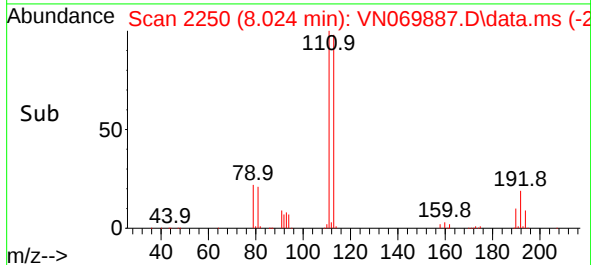
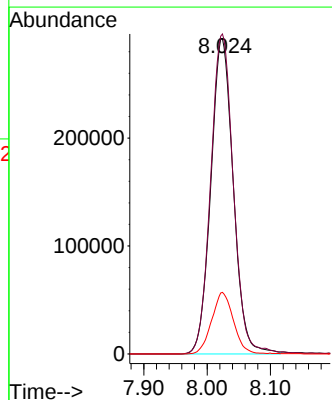
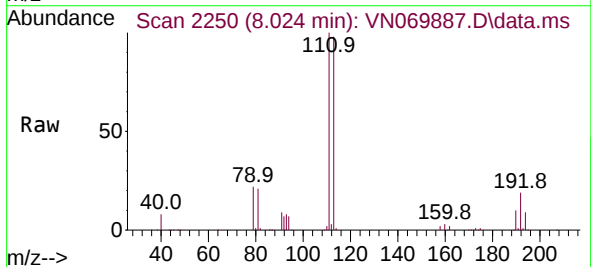
Instrument :
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ClientSampleId :
PB141231ZHE#12

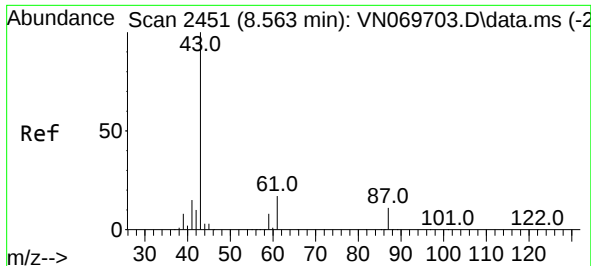
Tgt Ion:114 Resp: 2417777
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.462 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion:113 Resp: 718779
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.0 16.9 25.3

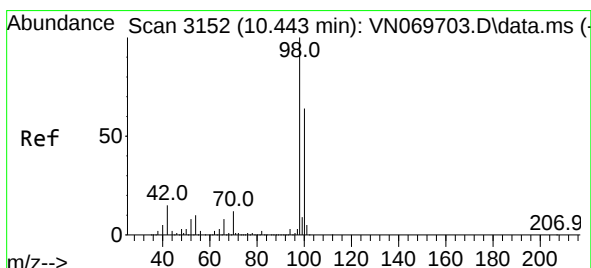
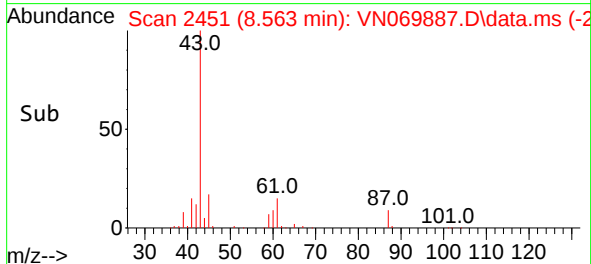
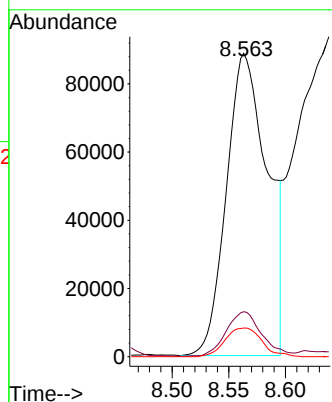
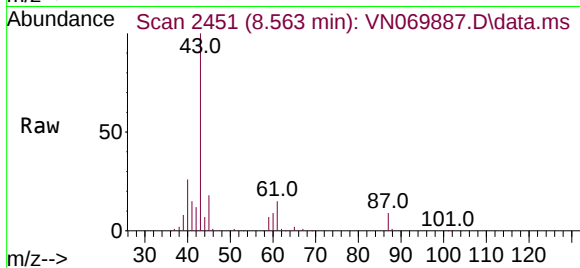




#43
Isopropyl Acetate
Concen: 4.404 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

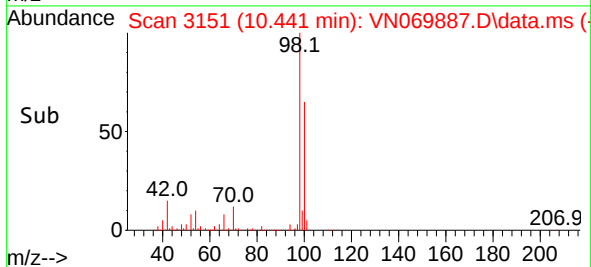
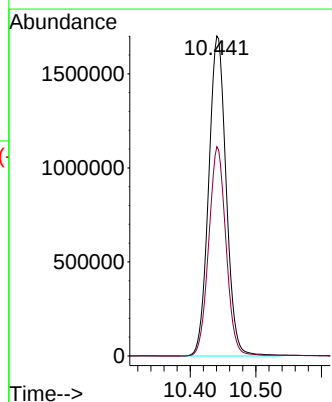
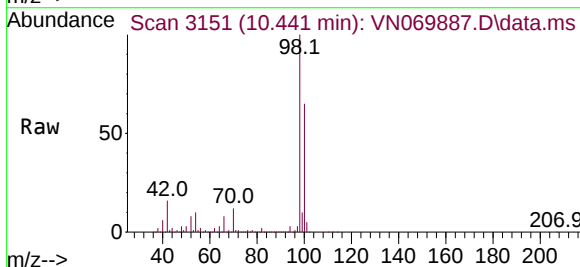
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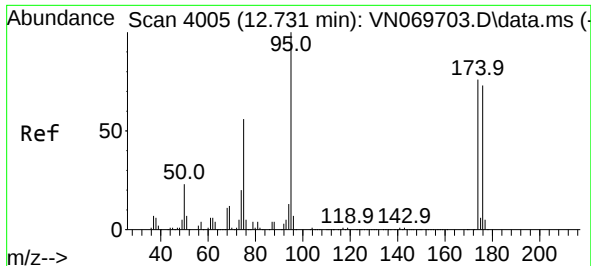
Tgt Ion: 43 Resp: 223236
Ion Ratio Lower Upper
43 100
61 12.7 20.4 30.6#
87 8.5 11.2 16.8#



#50
Toluene-d8
Concen: 51.788 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 98 Resp: 3149234
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

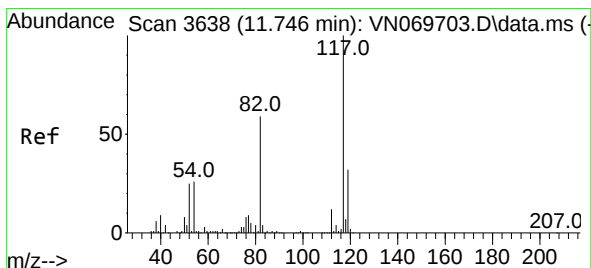
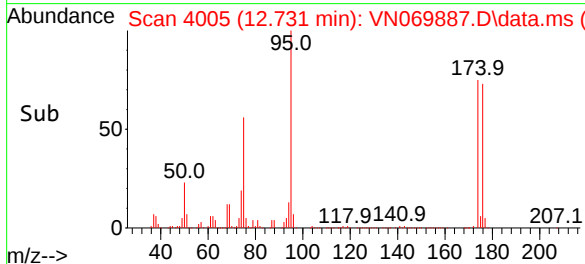
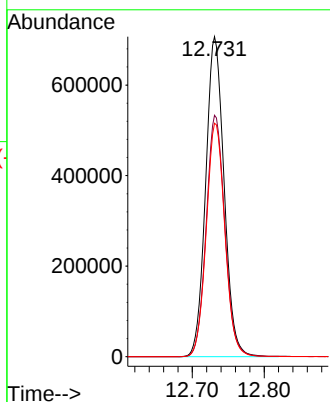
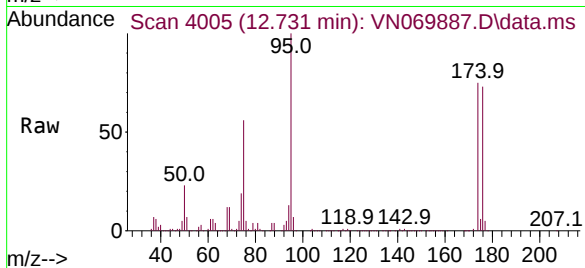




#62
4-Bromofluorobenzene
Concen: 57.140 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

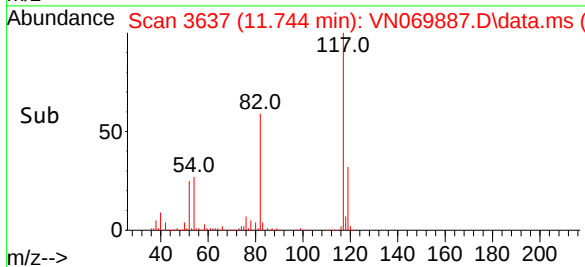
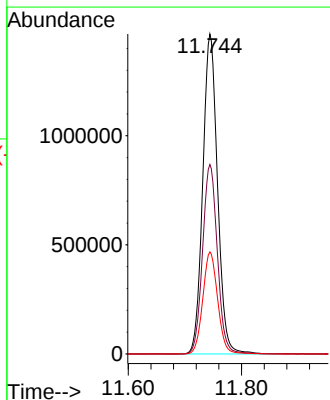
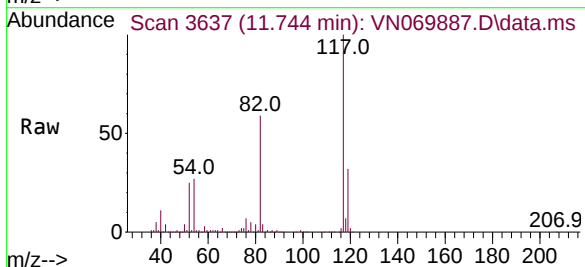
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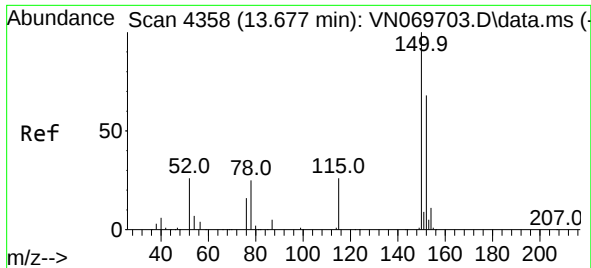
Tgt Ion: 95 Resp: 1258812
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

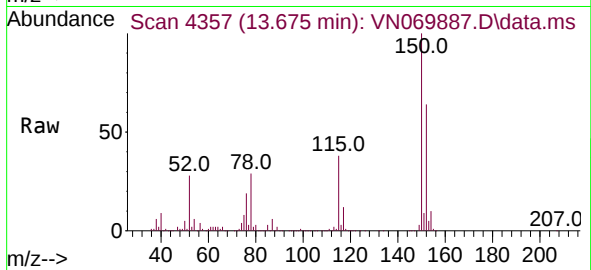
Tgt Ion: 117 Resp: 2649589
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069887.D
 Acq: 9 Dec 2021 3:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141231ZHE#12



Tgt Ion:152 Resp: 1064483

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.5	82.5
150	156.9	0.0	344.4

