

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069935.D
 Acq On : 10 Dec 2021 2:05
 Operator : JC/MD
 Sample : PB141262ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141262ZHE#01

Quant Time: Dec 10 08:12:28 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)

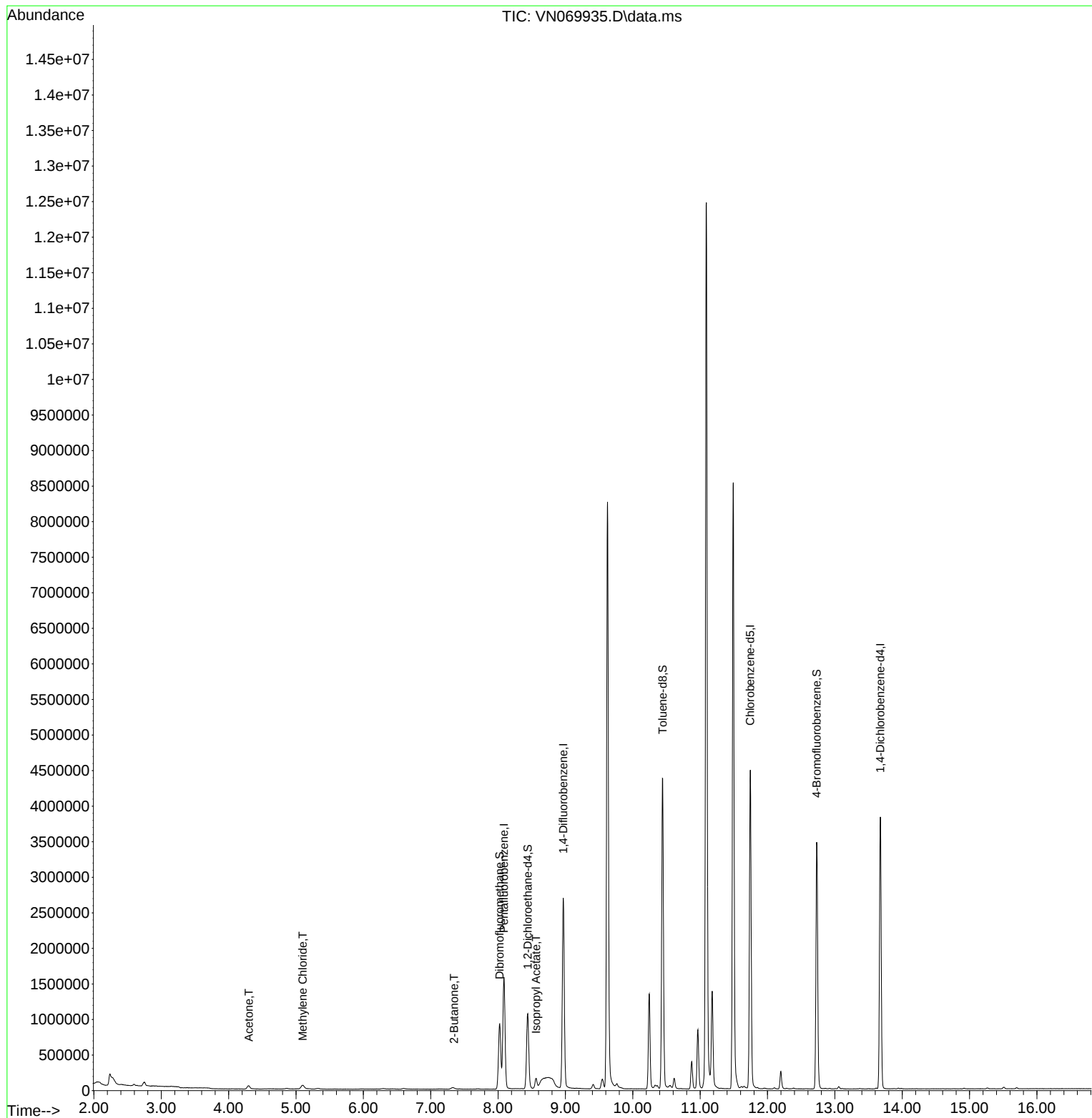
Internal Standards						
1) Pentafluorobenzene	8.088	168	1166885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2194781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2497412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1011079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	919065	51.012	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.020%
35) Dibromofluoromethane	8.021	113	670258	48.754	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.500%
50) Toluene-d8	10.443	98	2909186	52.701	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.731	95	1198407	59.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.860%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	86658	7.996	ug/l	95
20) Methylene Chloride	5.098	84	36958	2.565	ug/l	87
25) 2-Butanone	7.345	43	18787	1.276	ug/l	91
43) Isopropyl Acetate	8.566	43	181040	3.934	ug/l #	83

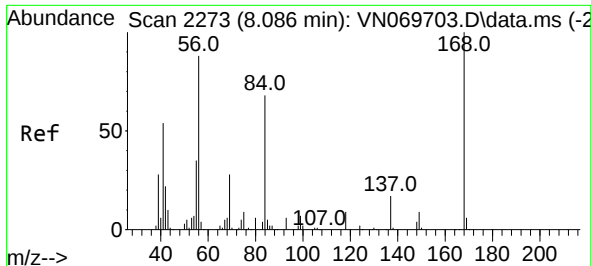
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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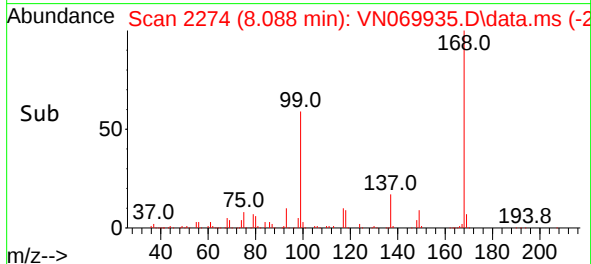
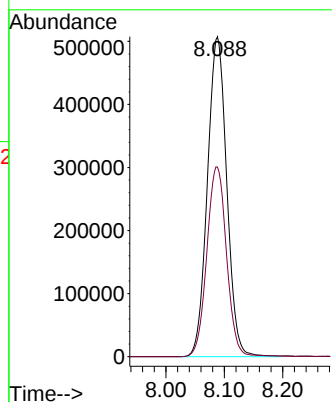
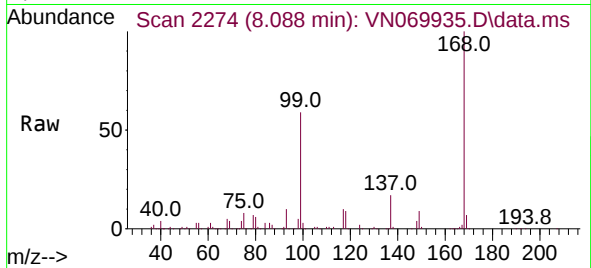




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069935.D
Acq: 10 Dec 2021 2:05

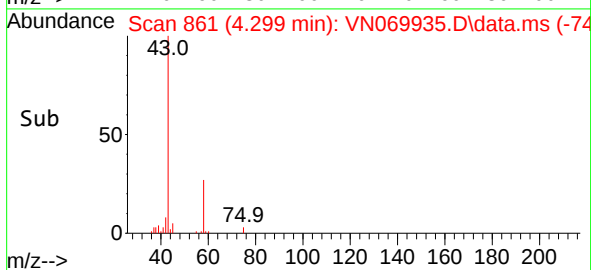
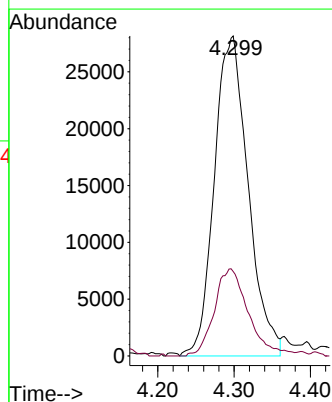
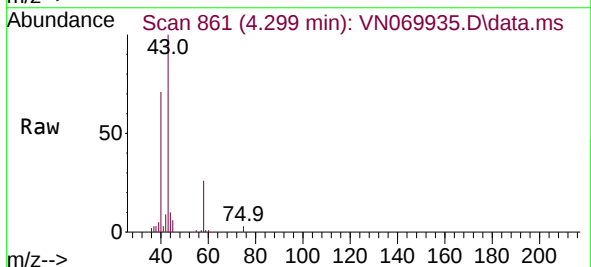
Instrument :
MSVOA_N
ClientSampleId :
PB141262ZHE#01

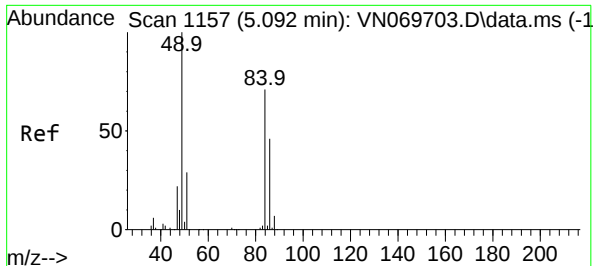
Tgt Ion:168 Resp: 1166885
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9



#16
Acetone
Concen: 7.996 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN069935.D
Acq: 10 Dec 2021 2:05

Tgt Ion: 43 Resp: 86658
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7





#20

Methylene Chloride

Concen: 2.565 ug/l

RT: 5.098 min Scan# 1157

Delta R.T. 0.005 min

Lab File: VN069935.D

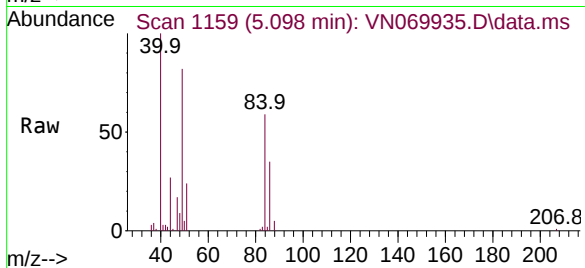
Acq: 10 Dec 2021 2:05

Instrument :

MSVOA_N

ClientSampleId :

PB141262ZHE#01



Tgt Ion: 84 Resp: 36958

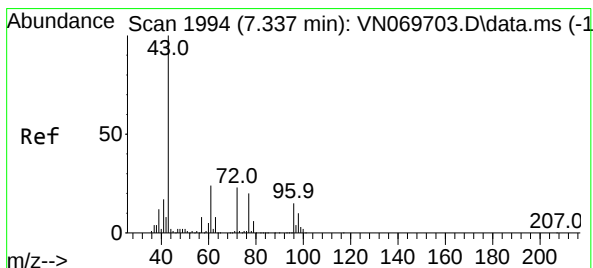
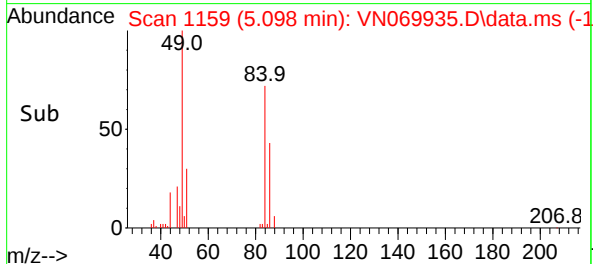
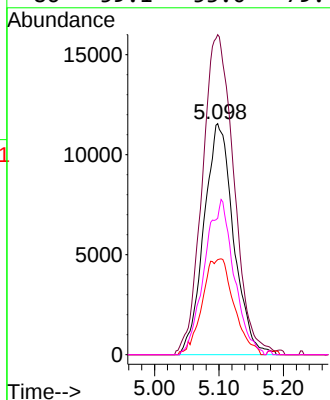
Ion Ratio Lower Upper

84 100

49 136.6 93.5 140.3

51 41.2 29.4 44.2

86 59.1 53.0 79.4



#25

2-Butanone

Concen: 1.276 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN069935.D

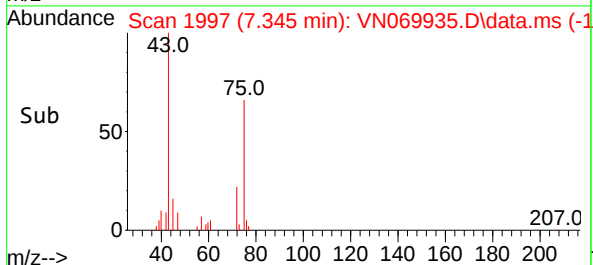
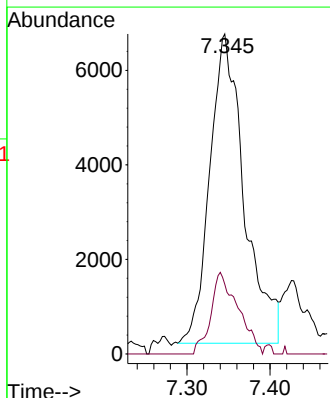
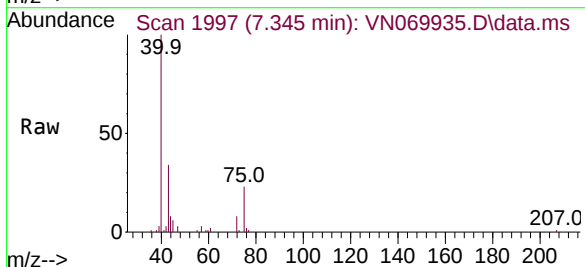
Acq: 10 Dec 2021 2:05

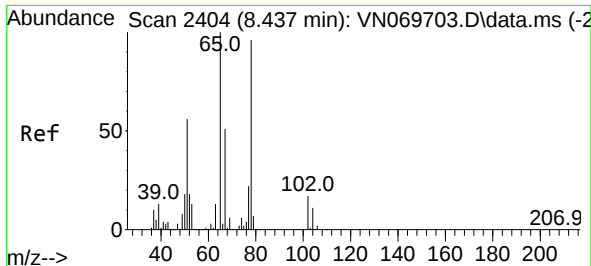
Tgt Ion: 43 Resp: 18787

Ion Ratio Lower Upper

43 100

72 22.5 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 51.012 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069935.D

Acq: 10 Dec 2021 2:05

Instrument :

MSVOA_N

ClientSampleId :

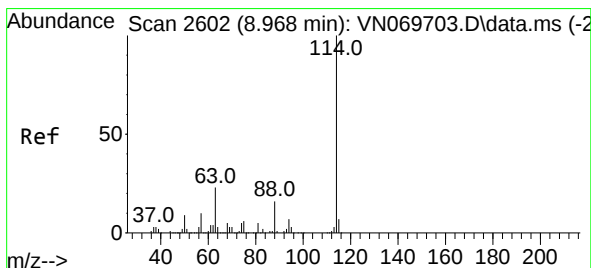
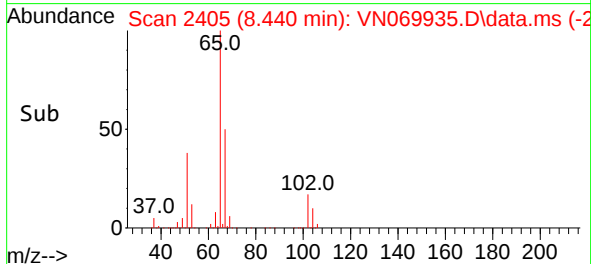
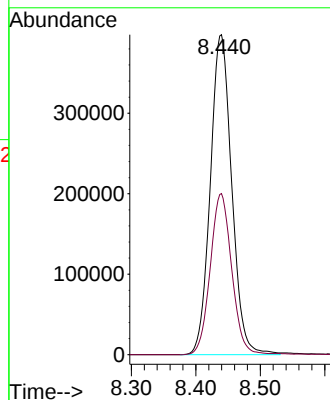
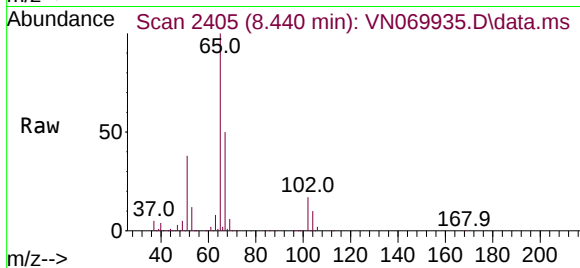
PB141262ZHE#01

Tgt Ion: 65 Resp: 919065

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# 2602

Delta R.T. -0.000 min

Lab File: VN069935.D

Acq: 10 Dec 2021 2:05

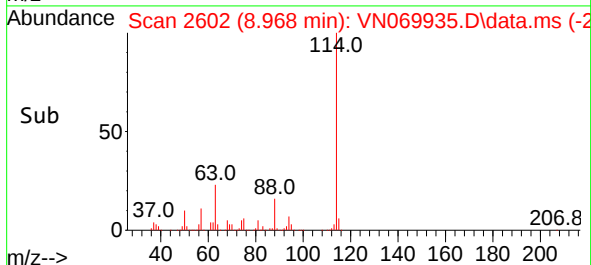
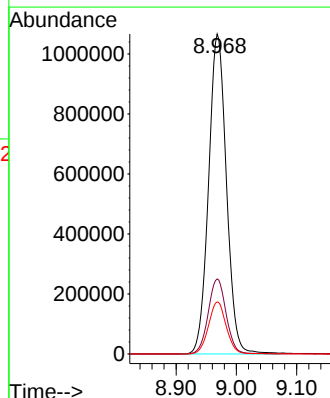
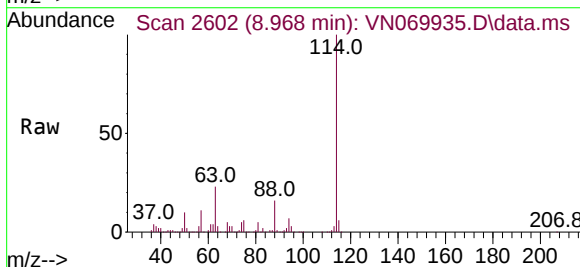
Tgt Ion: 114 Resp: 2194781

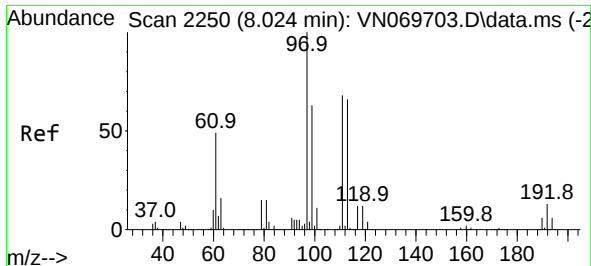
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.3 0.0 27.4

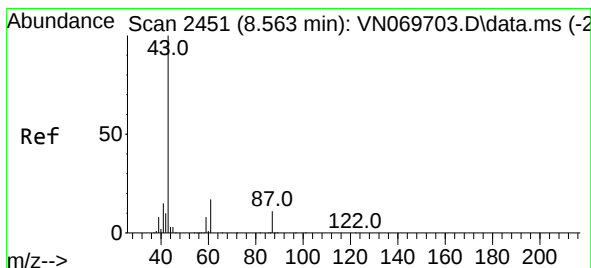
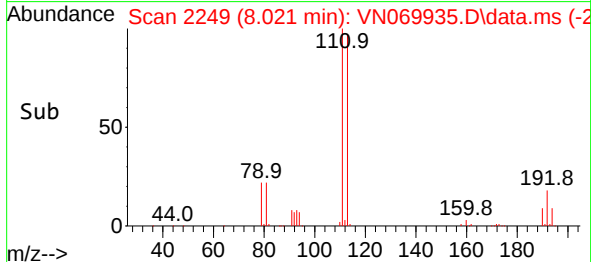
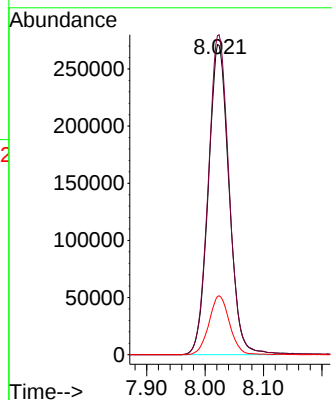
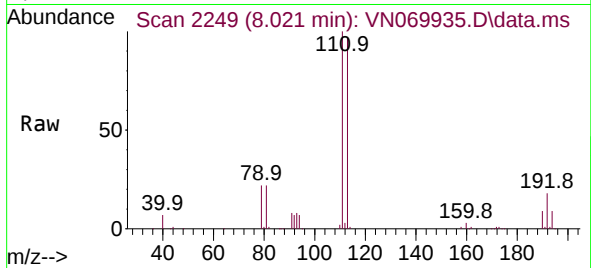




#35
Dibromofluoromethane
Concen: 48.754 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069935.D
Acq: 10 Dec 2021 2:05

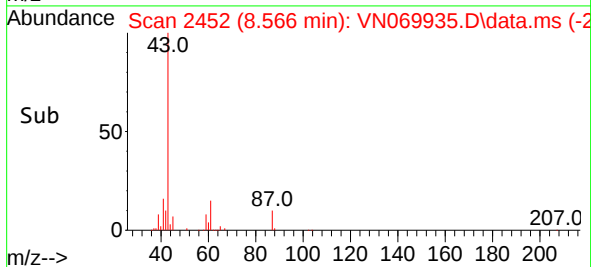
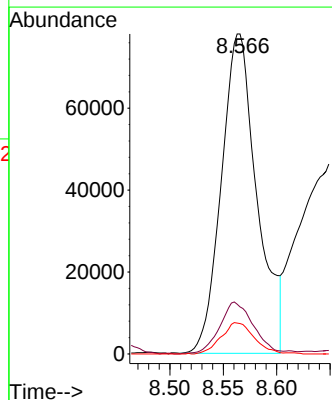
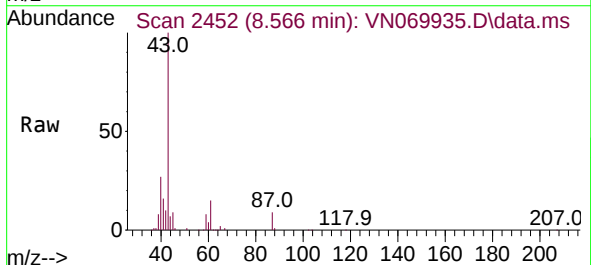
Instrument :
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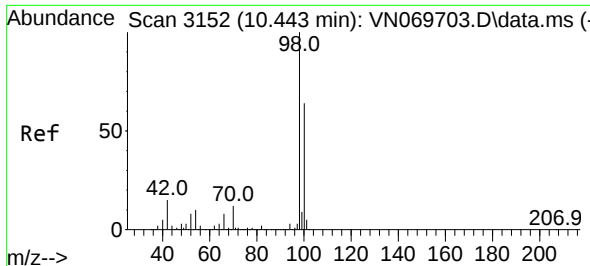
Tgt Ion:113 Resp: 670258
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.8 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.934 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069935.D
Acq: 10 Dec 2021 2:05

Tgt Ion: 43 Resp: 181040
Ion Ratio Lower Upper
43 100
61 15.5 20.4 30.6#
87 9.0 11.2 16.8#

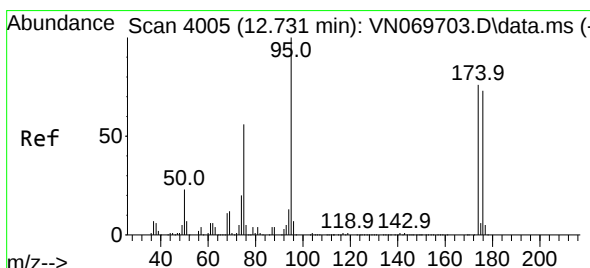
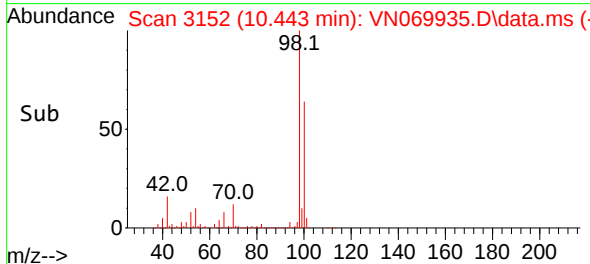
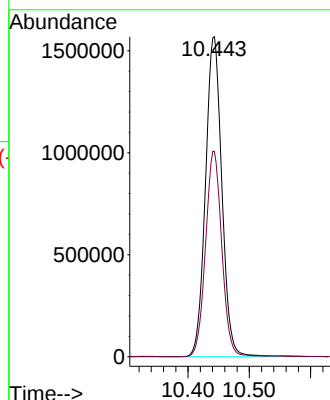
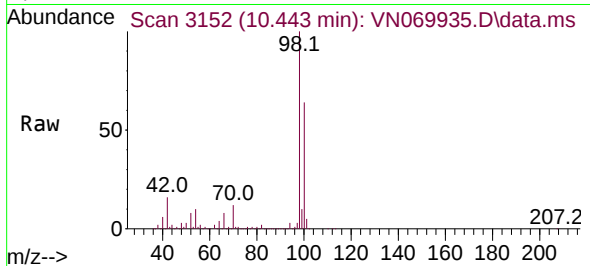




#50
Toluene-d8
Concen: 52.701 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069935.D
Acq: 10 Dec 2021 2:05

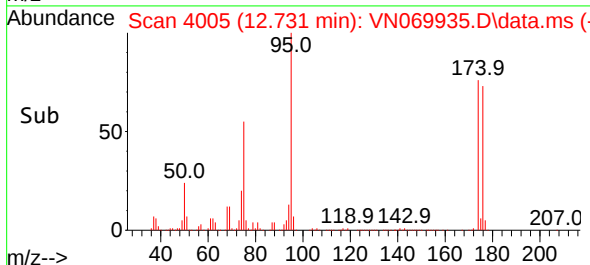
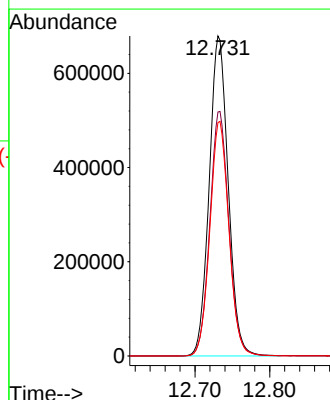
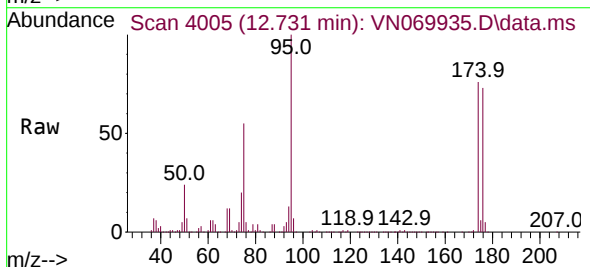
Instrument :
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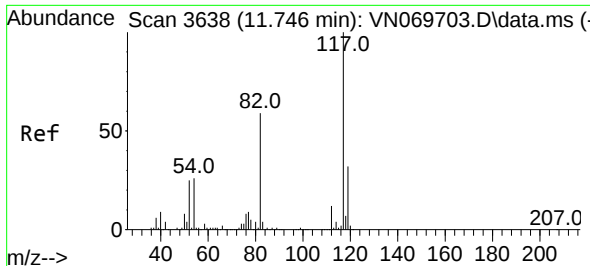
Tgt Ion: 98 Resp: 2909186
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 59.926 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069935.D
Acq: 10 Dec 2021 2:05

Tgt Ion: 95 Resp: 1198407
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.5 0.0 181.4

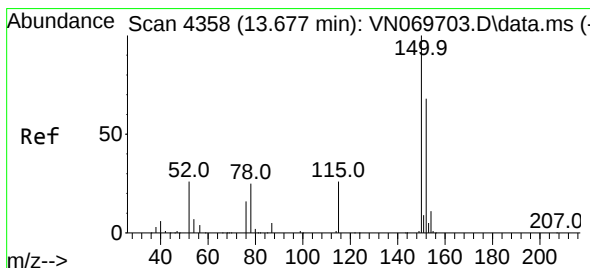
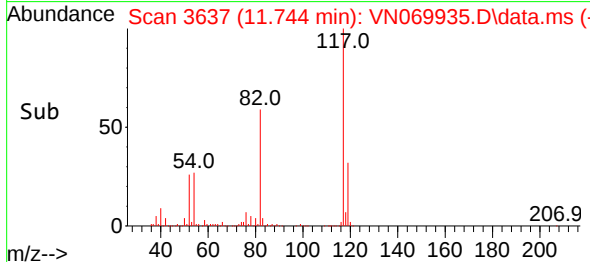
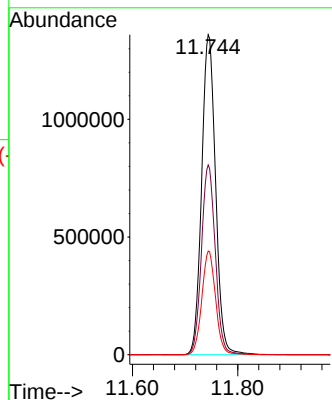
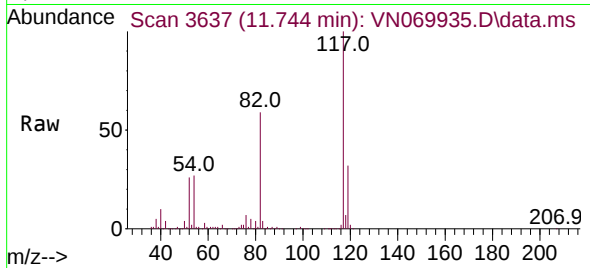




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069935.D
Acq: 10 Dec 2021 2:05

Instrument :
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Tgt Ion:117 Resp: 2497412
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.4 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: VN069935.D
Acq: 10 Dec 2021 2:05

Tgt Ion:152 Resp: 1011079
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 157.4 0.0 344.4

