

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069691.D
 Acq On : 1 Dec 2021 14:58
 Operator : JC/MD
 Sample : PB141086TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141086TB

Quant Time: Dec 02 07:25:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

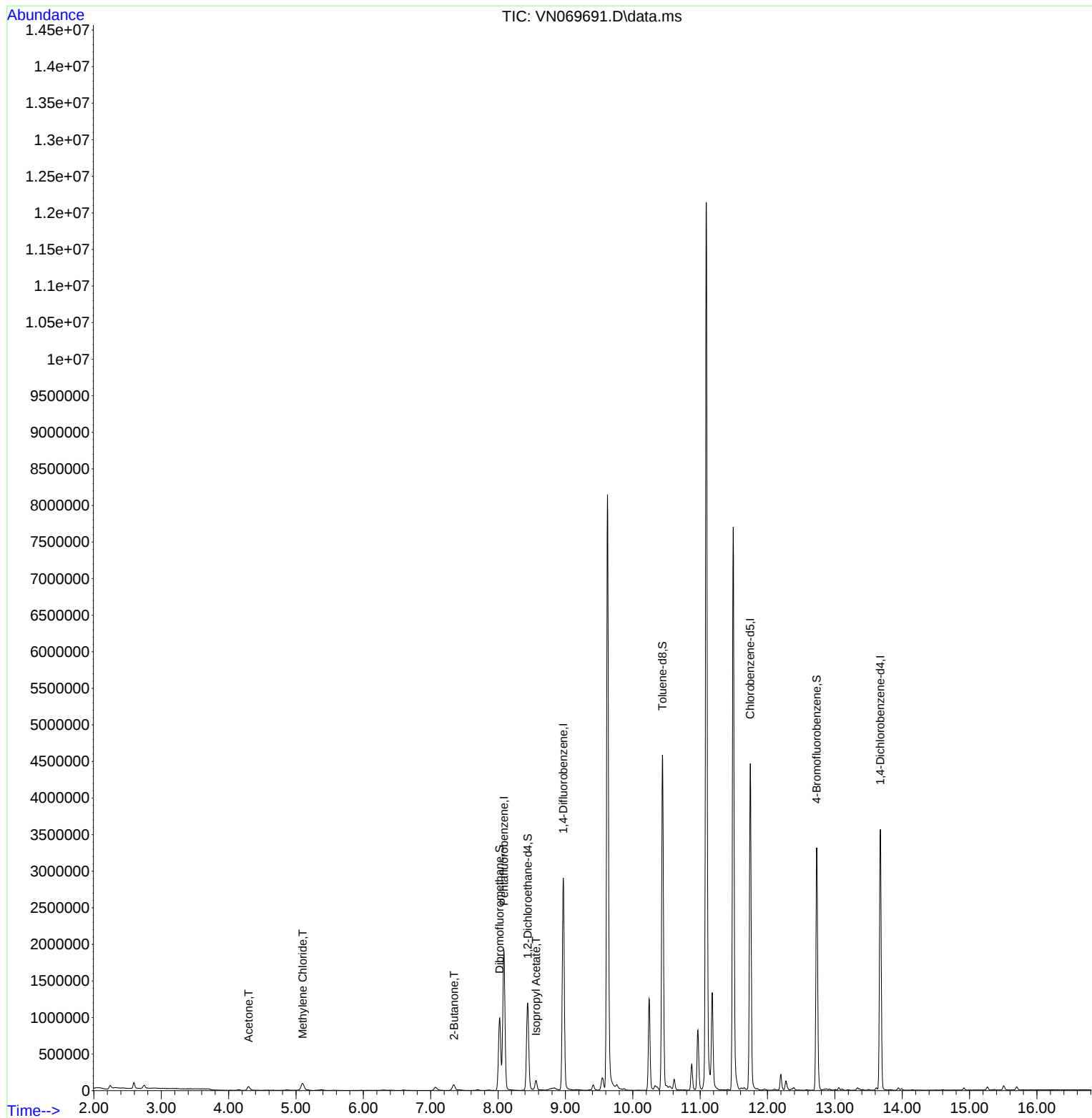
Internal Standards						
1) Pentafluorobenzene	8.086	168	1420442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2464403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2510732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	949373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1045082	50.743	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.480%
35) Dibromofluoromethane	8.024	113	728323	49.276	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.560%
50) Toluene-d8	10.440	98	3134495	53.921	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.840%
62) 4-Bromofluorobenzene	12.731	95	1161862	54.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.820%
Target Compounds						
						Qvalue
16) Acetone	4.296	43	96797	8.711	ug/l	97
20) Methylene Chloride	5.098	84	66823	4.241	ug/l #	83
25) 2-Butanone	7.345	43	131439	8.735	ug/l	90
43) Isopropyl Acetate	8.563	43	155766	3.460	ug/l #	86

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

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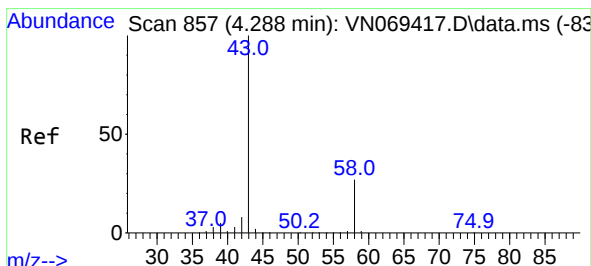
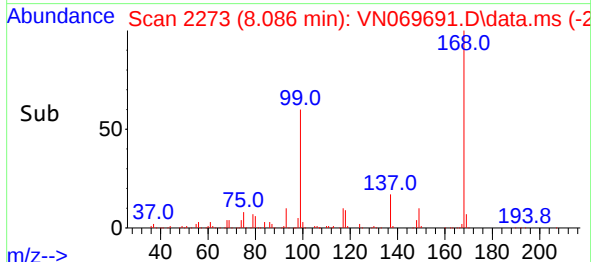
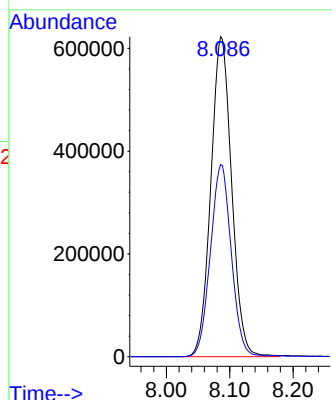
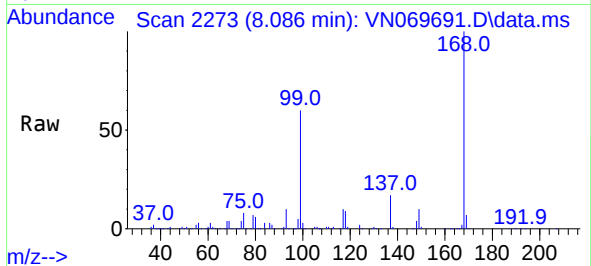




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

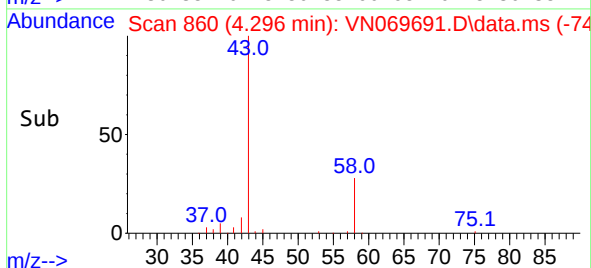
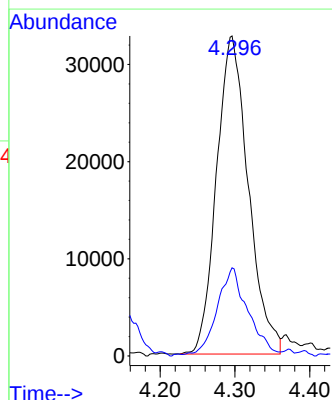
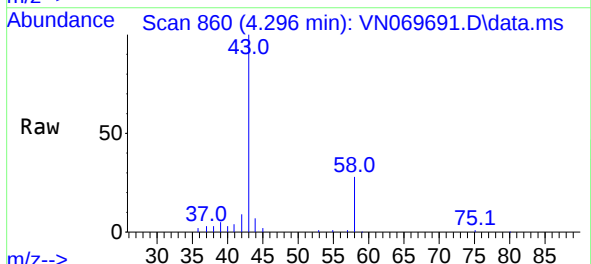
Instrument :
MSVOA_N
ClientSampleId :
PB141086TB

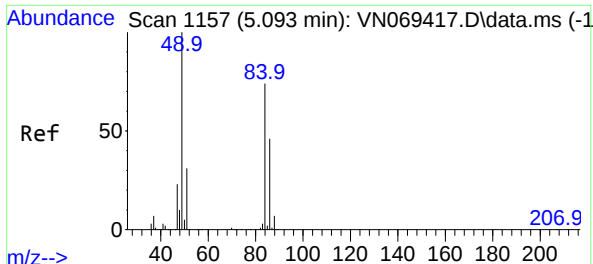
Tgt Ion:168 Resp: 1420442
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#16
Acetone
Concen: 8.711 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion: 43 Resp: 96797
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#20

Methylene Chloride

Concen: 4.241 ug/l

RT: 5.098 min Scan# 1157

Delta R.T. 0.005 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Instrument :

MSVOA_N

ClientSampleId :

PB141086TB

Tgt Ion: 84 Resp: 66823

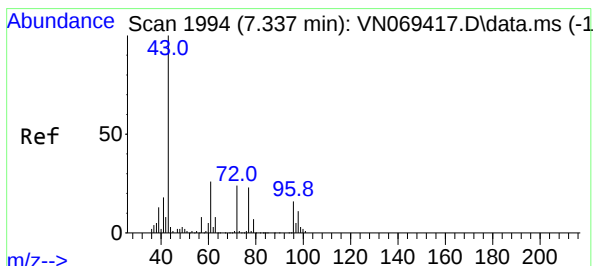
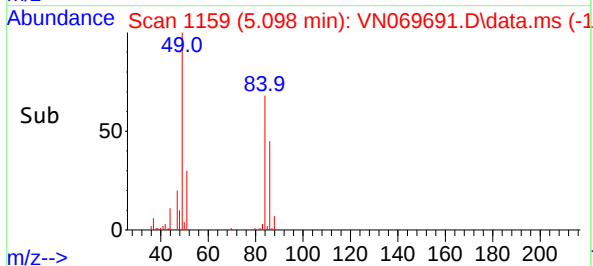
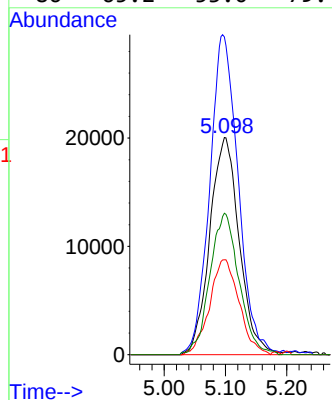
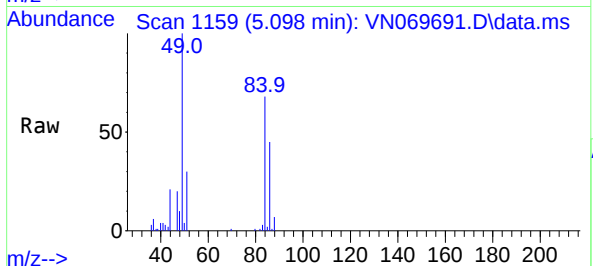
Ion Ratio Lower Upper

84 100

49 146.4 93.5 140.3#

51 43.7 29.4 44.2

86 65.2 53.0 79.4



#25

2-Butanone

Concen: 8.735 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN069691.D

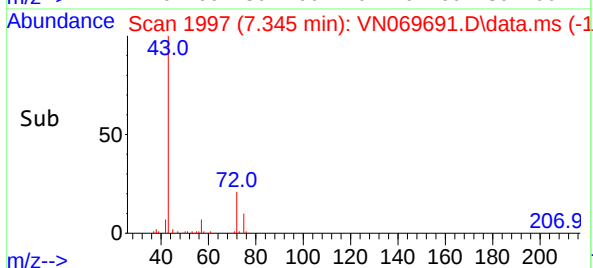
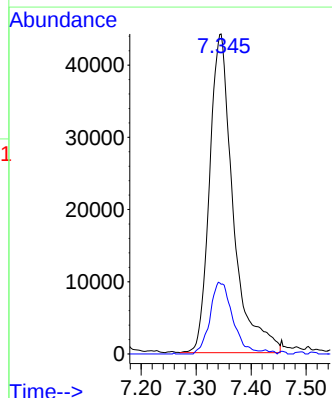
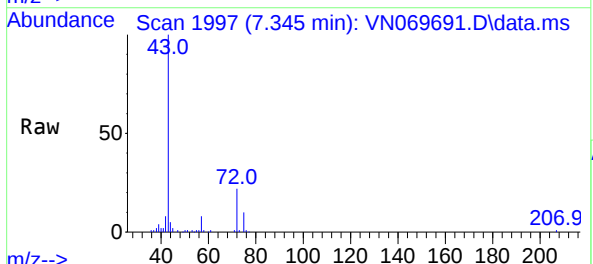
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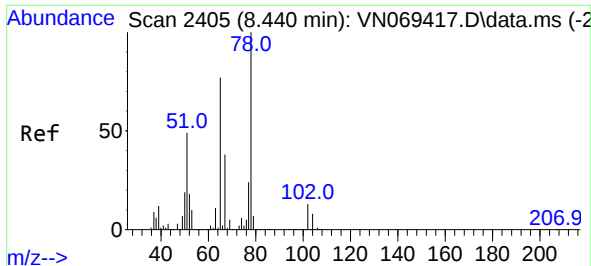
Tgt Ion: 43 Resp: 131439

Ion Ratio Lower Upper

43 100

72 21.9 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 50.743 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Instrument :

MSVOA_N

ClientSampleId :

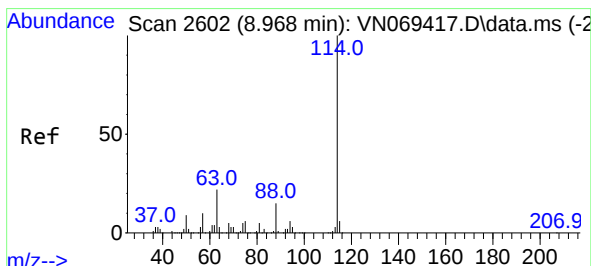
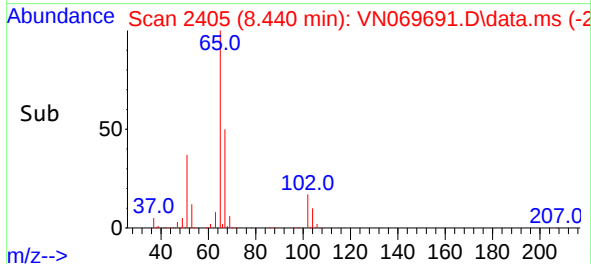
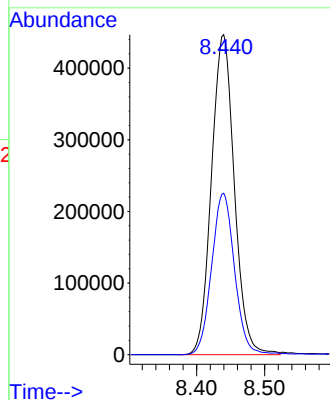
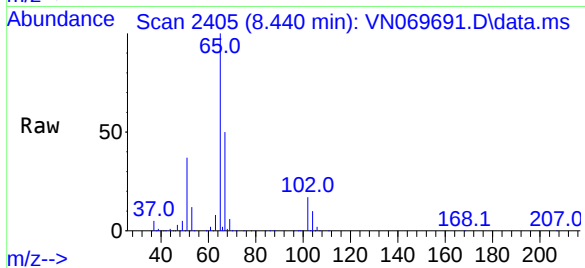
PB141086TB

Tgt Ion: 65 Resp: 1045082

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: VN069691.D

Acq: 1 Dec 2021 14:58

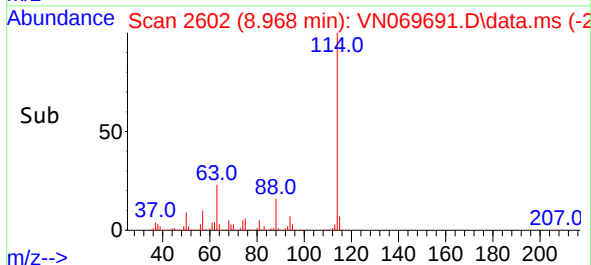
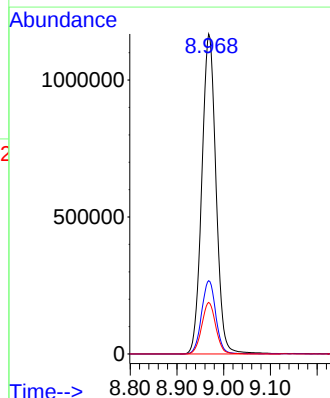
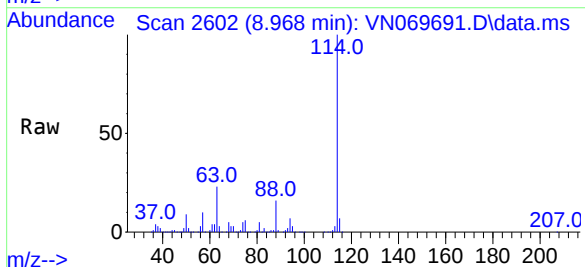
Tgt Ion: 114 Resp: 2464403

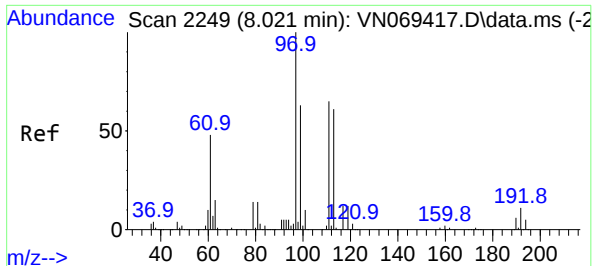
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.1 0.0 27.4

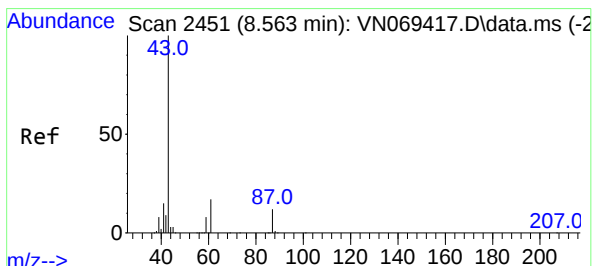
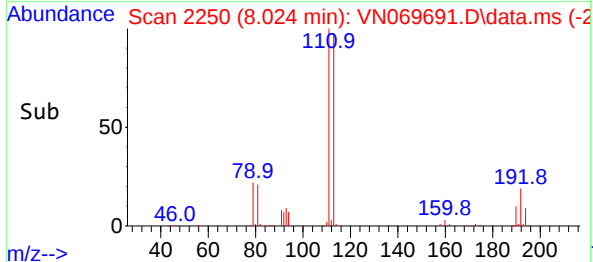
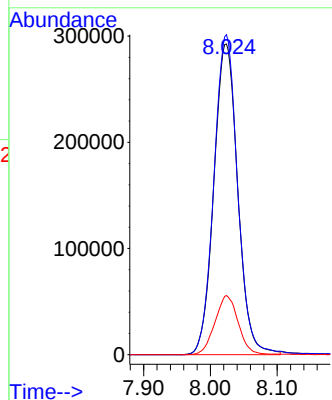
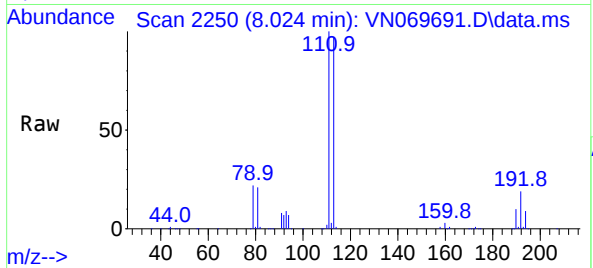




#35
Dibromofluoromethane
Concen: 49.276 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

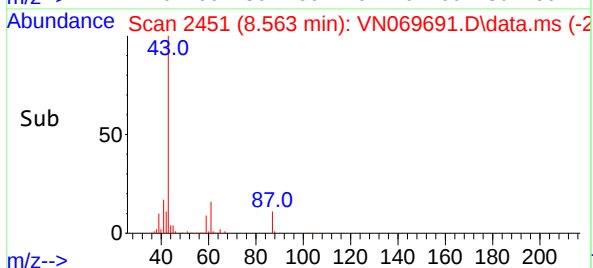
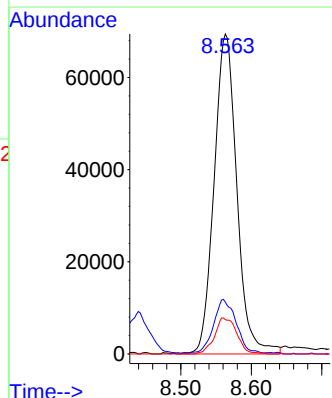
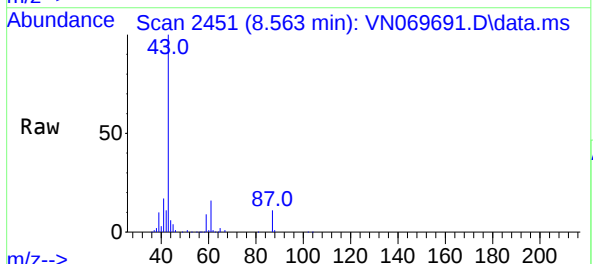
Instrument :
MSVOA_N
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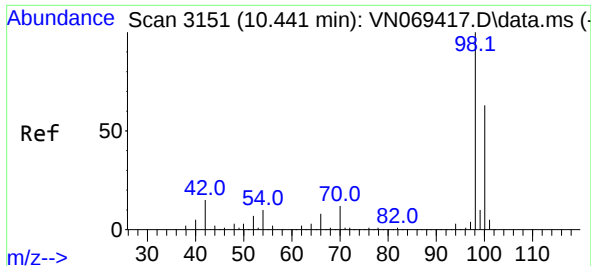
Tgt Ion:113 Resp: 728323
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.5 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.460 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion: 43 Resp: 155766
Ion Ratio Lower Upper
43 100
61 16.6 20.4 30.6#
87 11.0 11.2 16.8#

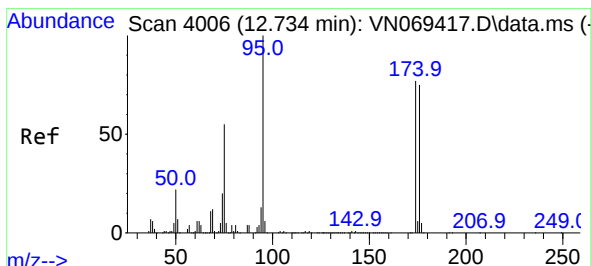
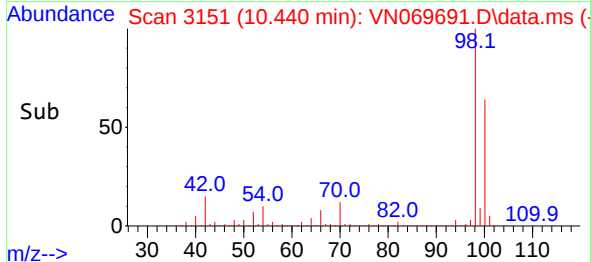
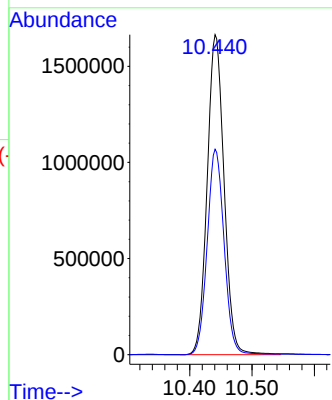
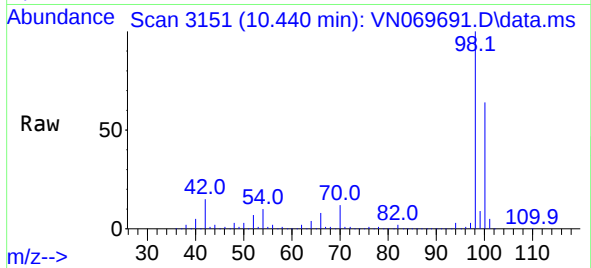




#50
Toluene-d8
Concen: 53.921 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

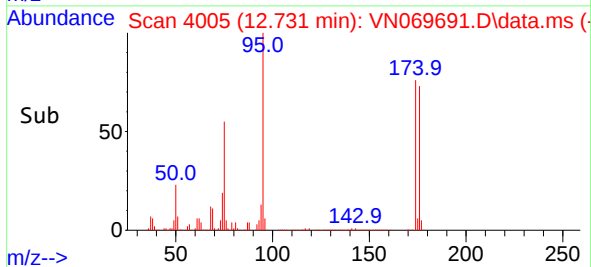
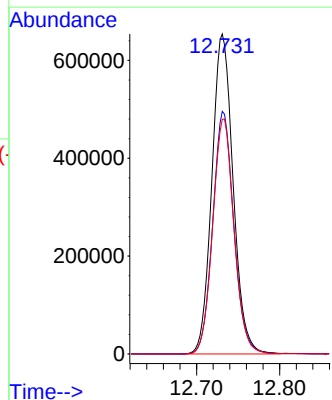
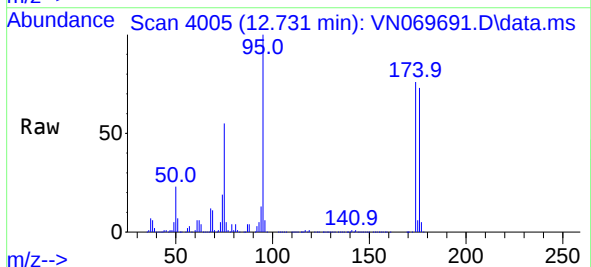
Instrument :
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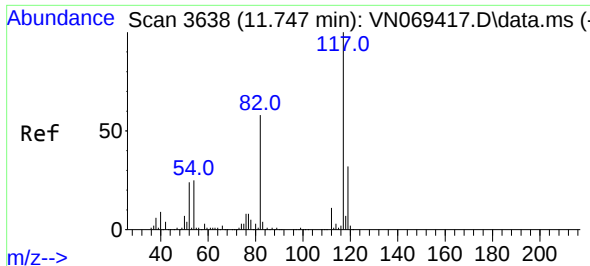
Tgt Ion: 98 Resp: 3134495
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 54.406 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion: 95 Resp: 1161862
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.5 0.0 181.4

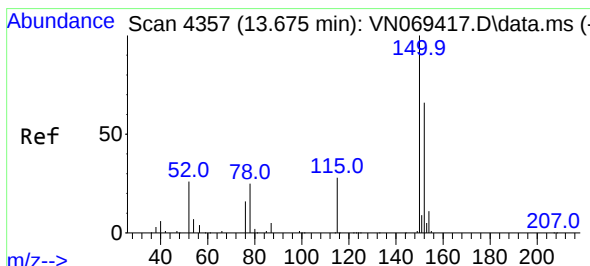
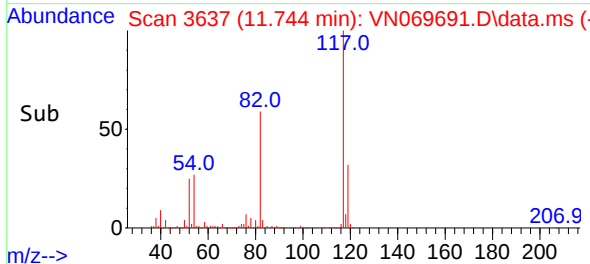
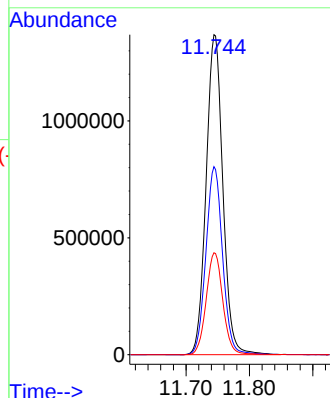
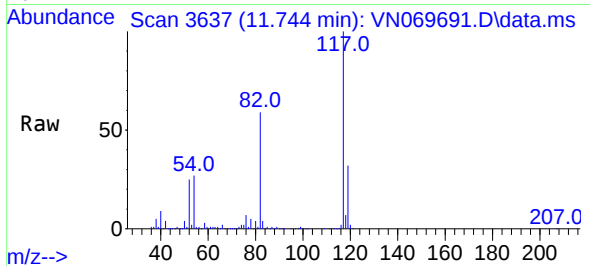




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :
PB141086TB

Tgt Ion:117 Resp: 2510732
Ion Ratio Lower Upper
117 100
82 58.7 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# 4357
Delta R.T. -0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion:152 Resp: 949373
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 158.7 0.0 344.4

