

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069947.D
 Acq On : 10 Dec 2021 7:10
 Operator : JC/MD
 Sample : M4966-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P20-8

Quant Time: Dec 10 08:17:01 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)

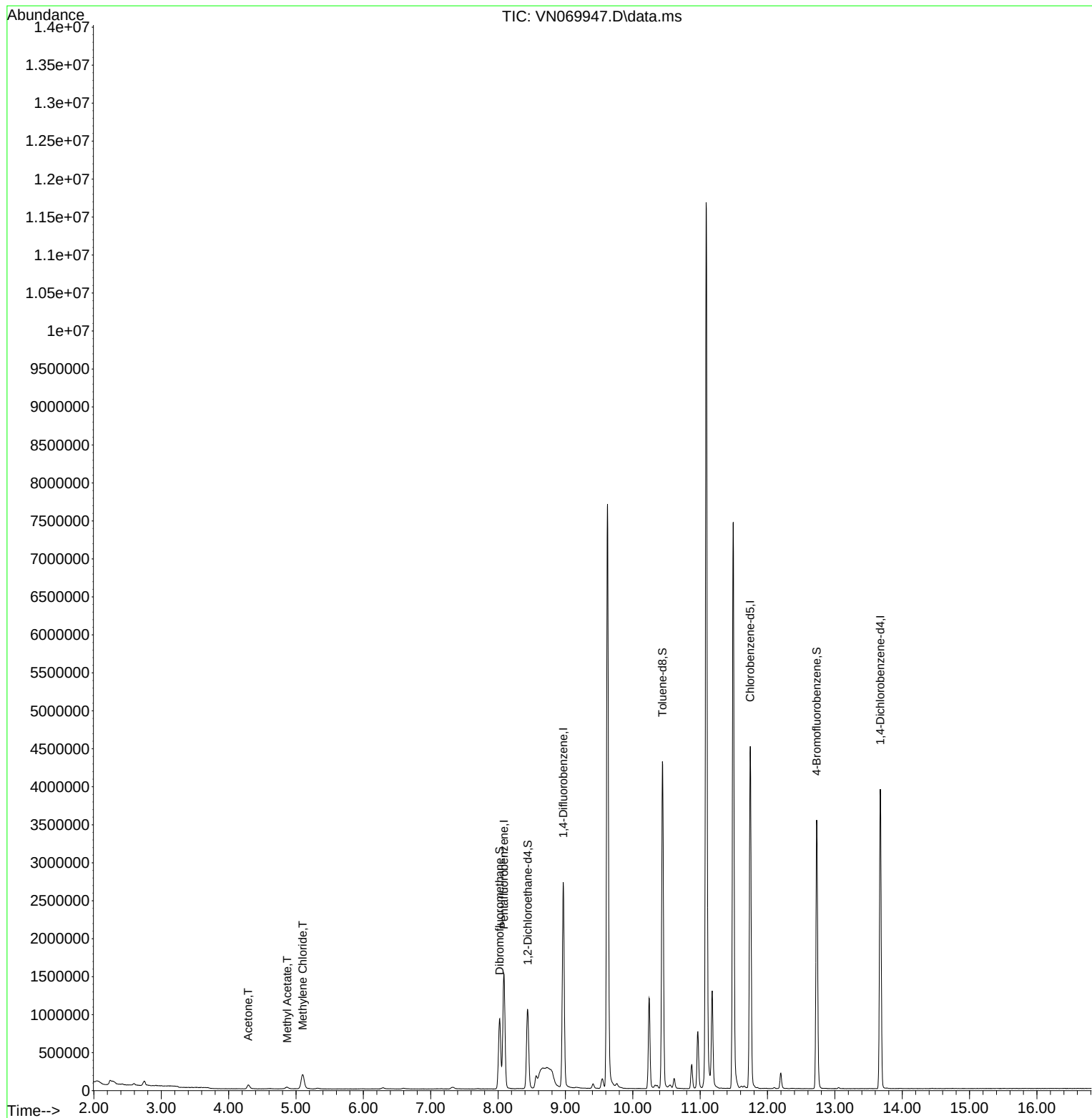
Internal Standards						
1) Pentafluorobenzene	8.086	168	1108789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2178156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2511160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1035725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	908501	53.068	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.140%	
35) Dibromofluoromethane	8.021	113	669615	49.079	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.160%	
50) Toluene-d8	10.440	98	2893517	52.818	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.731	95	1212648	61.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 122.200%	
Target Compounds						
						Qvalue
16) Acetone	4.291	43	96785	9.398	ug/l	96
18) Methyl Acetate	4.870	43	48621	1.564	ug/l	90
20) Methylene Chloride	5.098	84	139553	10.194	ug/l	86

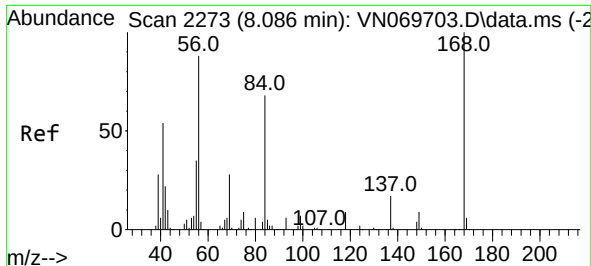
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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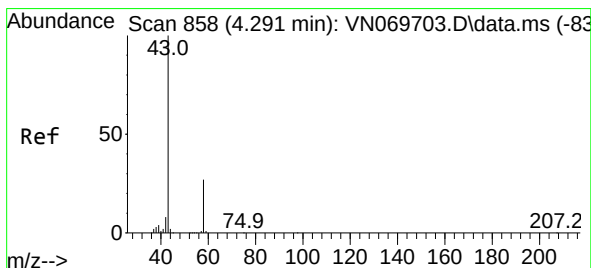
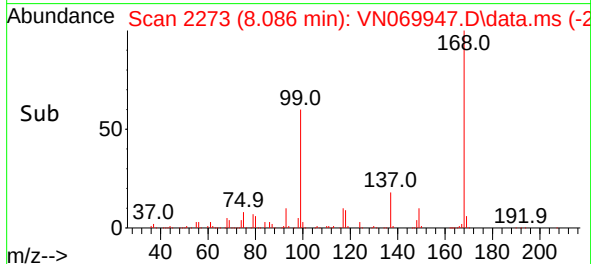
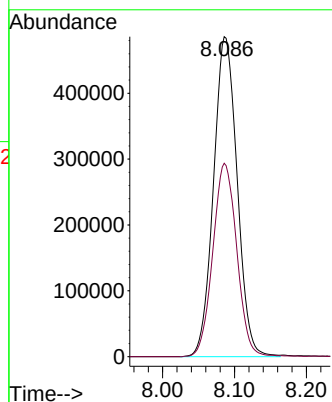
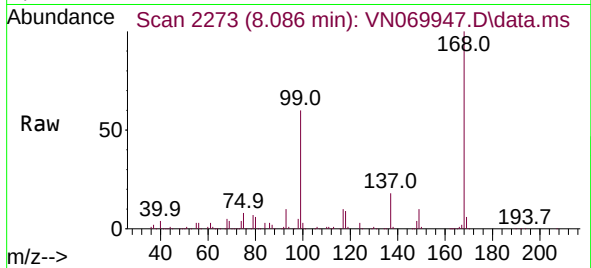




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069947.D
Acq: 10 Dec 2021 7:10

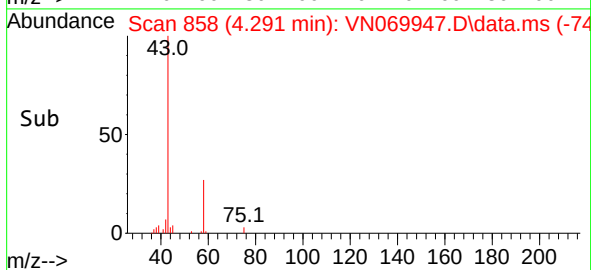
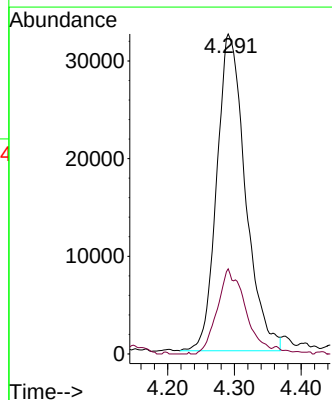
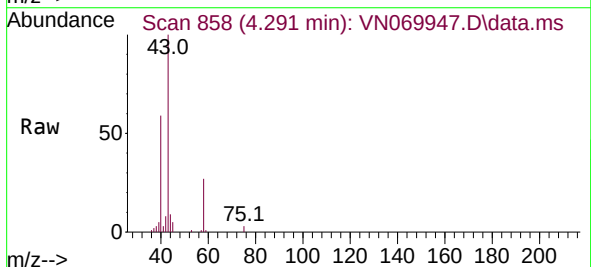
Instrument :
MSVOA_N
ClientSampleId :
P20-8

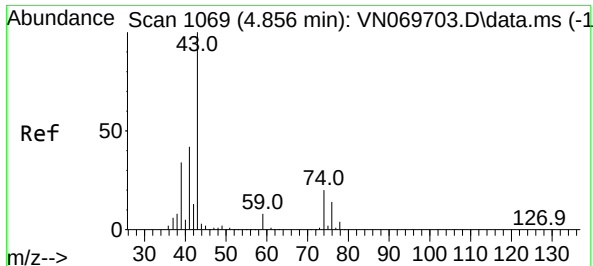
Tgt Ion:168 Resp: 1108789
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#16
Acetone
Concen: 9.398 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069947.D
Acq: 10 Dec 2021 7:10

Tgt Ion: 43 Resp: 96785
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7





#18

Methyl Acetate

Concen: 1.564 ug/l

RT: 4.870 min Scan# 1069

Delta R.T. 0.014 min

Lab File: VN069947.D

Acq: 10 Dec 2021 7:10

Instrument :

MSVOA_N

ClientSampleId :

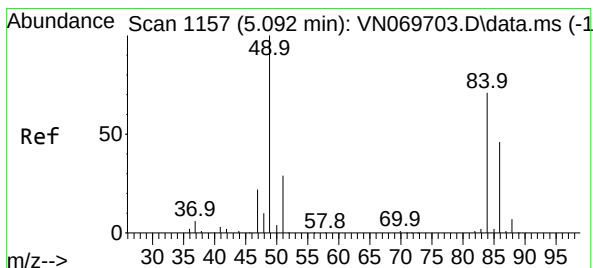
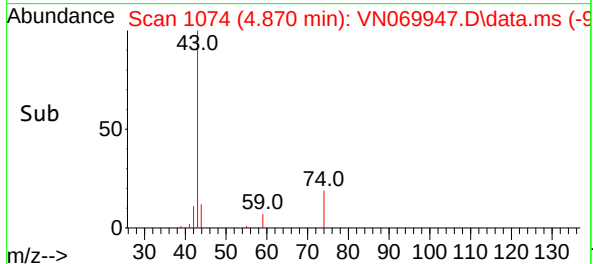
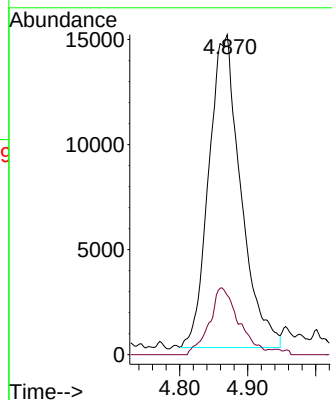
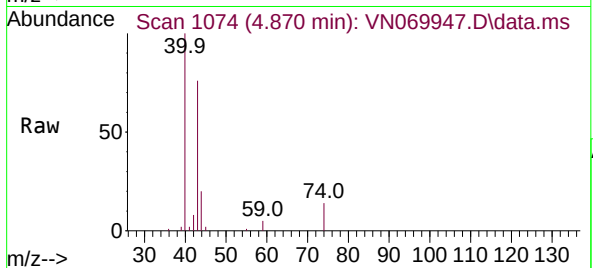
P20-8

Tgt Ion: 43 Resp: 48621

Ion Ratio Lower Upper

43 100

74 19.6 19.4 29.2



#20

Methylene Chloride

Concen: 10.194 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.006 min

Lab File: VN069947.D

Acq: 10 Dec 2021 7:10

Tgt Ion: 84 Resp: 139553

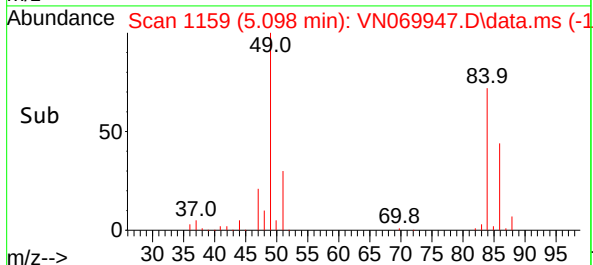
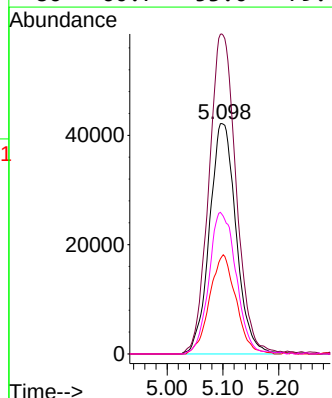
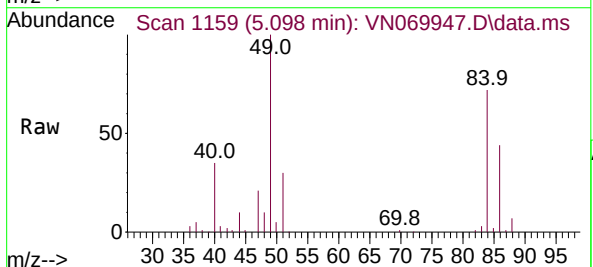
Ion Ratio Lower Upper

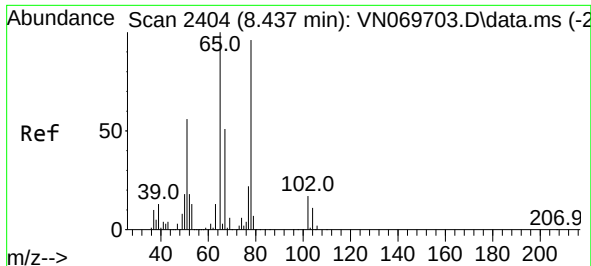
84 100

49 138.9 93.5 140.3

51 42.2 29.4 44.2

86 60.7 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 53.068 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069947.D

Acq: 10 Dec 2021 7:10

Instrument :

MSVOA_N

ClientSampleId :

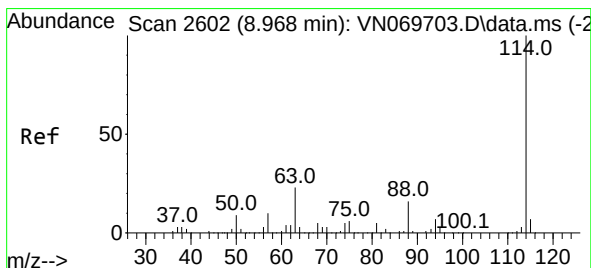
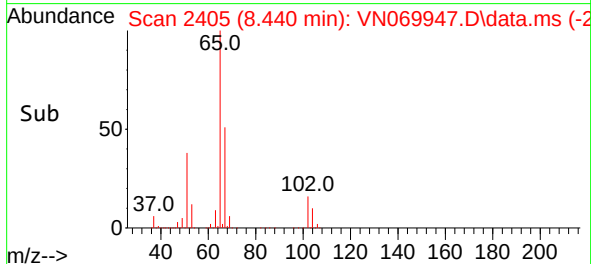
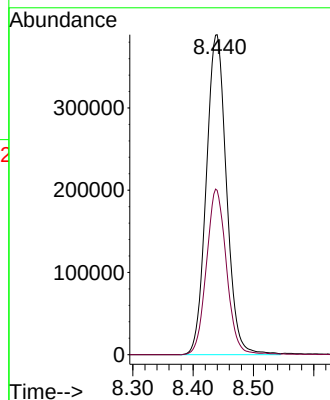
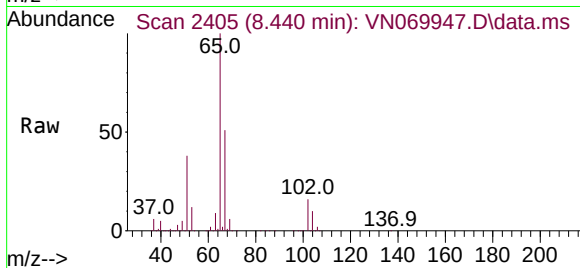
P20-8

Tgt Ion: 65 Resp: 908501

Ion Ratio Lower Upper

65 100

67 51.0 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: VN069947.D

Acq: 10 Dec 2021 7:10

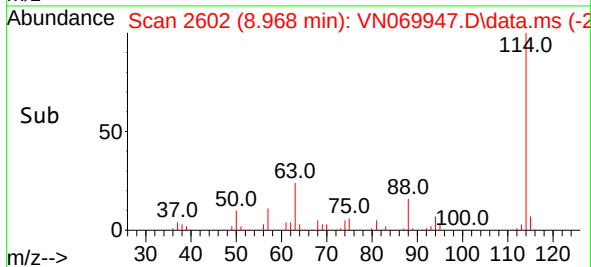
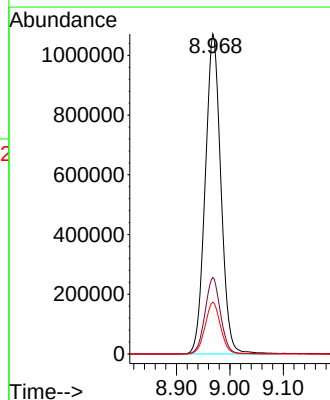
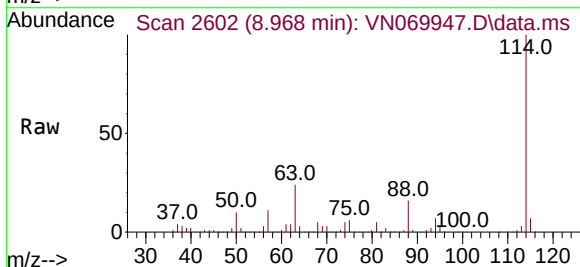
Tgt Ion: 114 Resp: 2178156

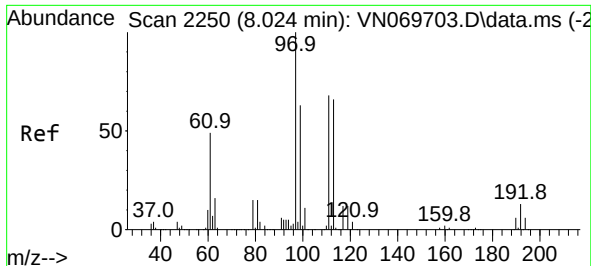
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.2 0.0 27.4

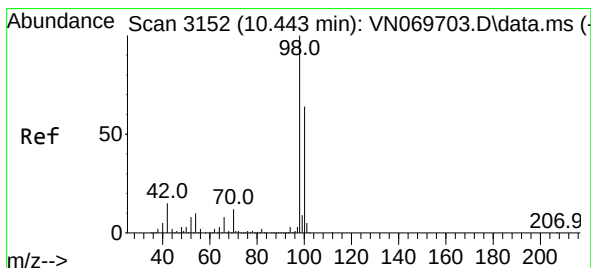
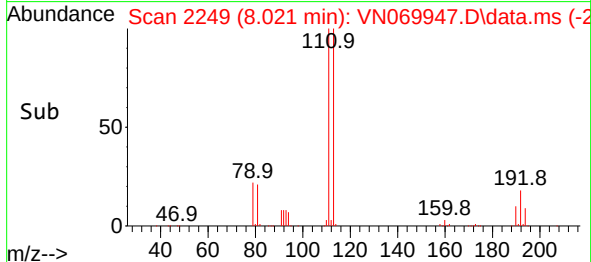
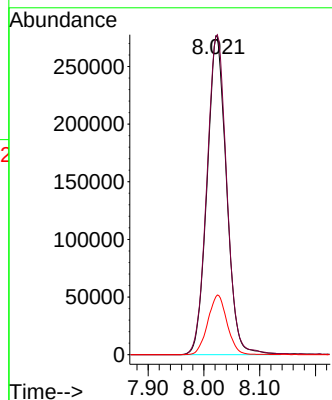
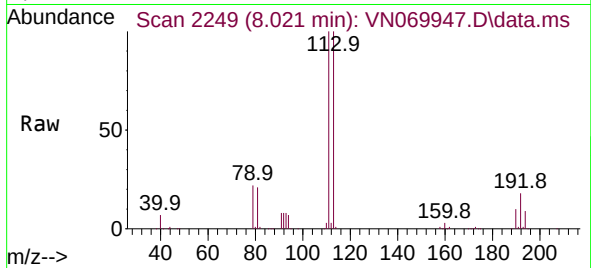




#35
 Dibromofluoromethane
 Concen: 49.079 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VN069947.D
 Acq: 10 Dec 2021 7:10

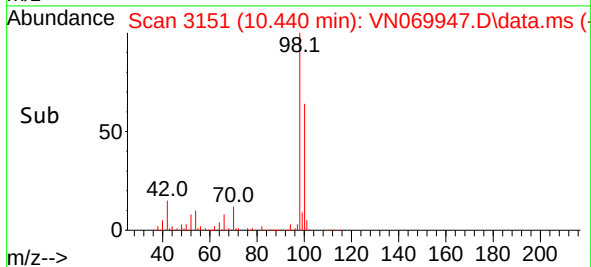
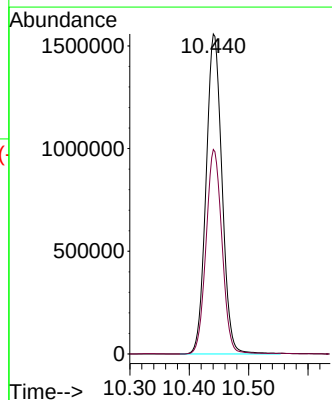
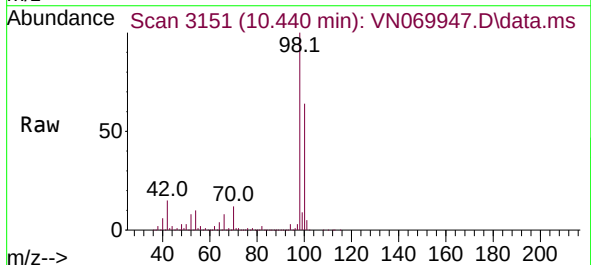
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 P20-8

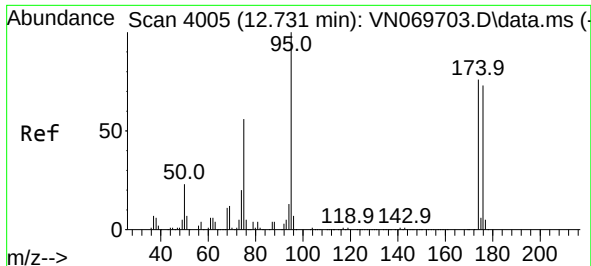
Tgt Ion:113 Resp: 669615
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 18.5 16.9 25.3



#50
 Toluene-d8
 Concen: 52.818 ug/l
 RT: 10.440 min Scan# 3151
 Delta R.T. -0.003 min
 Lab File: VN069947.D
 Acq: 10 Dec 2021 7:10

Tgt Ion: 98 Resp: 2893517
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.4 75.6

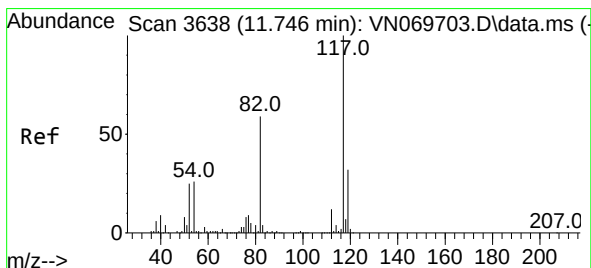
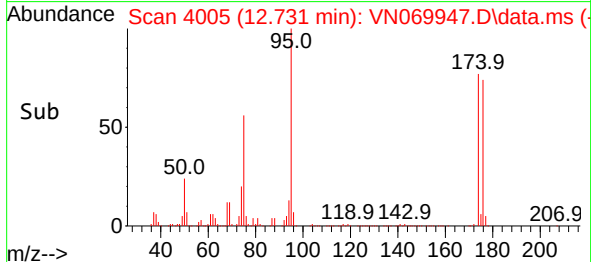
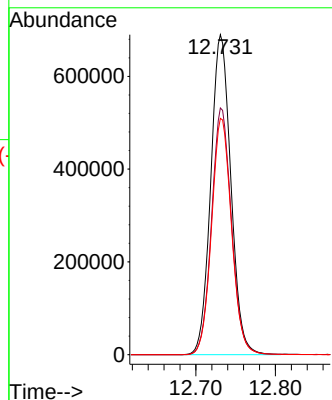
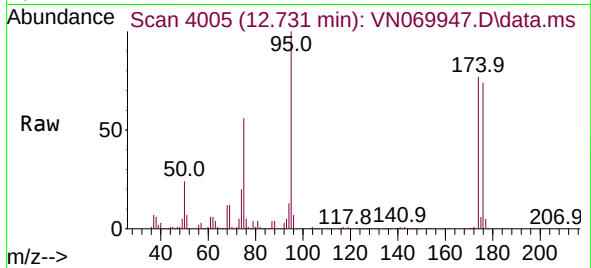




#62
4-Bromofluorobenzene
Concen: 61.101 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069947.D
Acq: 10 Dec 2021 7:10

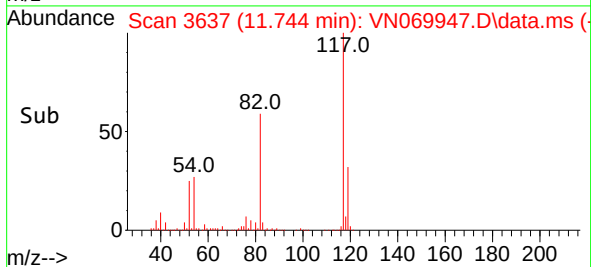
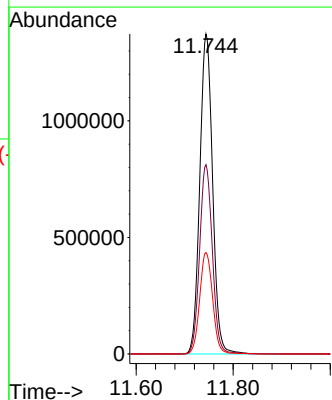
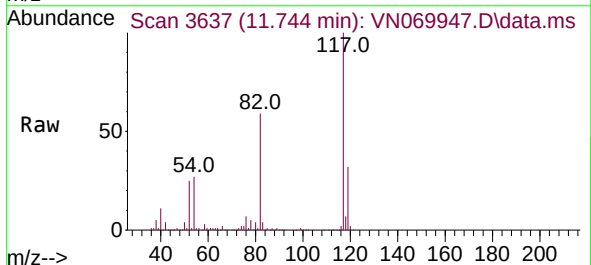
Instrument :
MSVOA_N
ClientSampleId :
P20-8

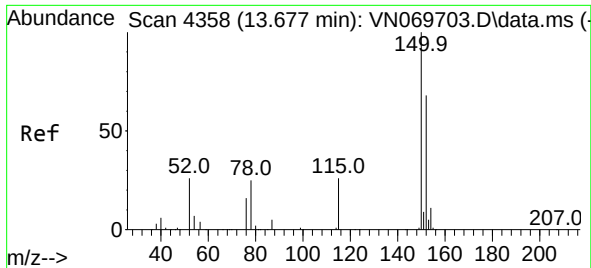
Tgt Ion: 95 Resp: 1212648
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069947.D
Acq: 10 Dec 2021 7:10

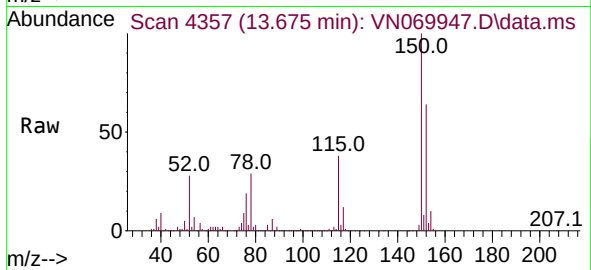
Tgt Ion: 117 Resp: 2511160
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069947.D
 Acq: 10 Dec 2021 7:10

Instrument :
 MSVOA_N
 ClientSampleId :
 P20-8



Tgt Ion:152 Resp: 1035725

Ion	Ratio	Lower	Upper
152	100		
115	60.3	27.5	82.5
150	157.5	0.0	344.4

