

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069990.D
 Acq On : 11 Dec 2021 6:25
 Operator : JC/MD
 Sample : M4989-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P28-10

Quant Time: Dec 11 08:32:16 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)

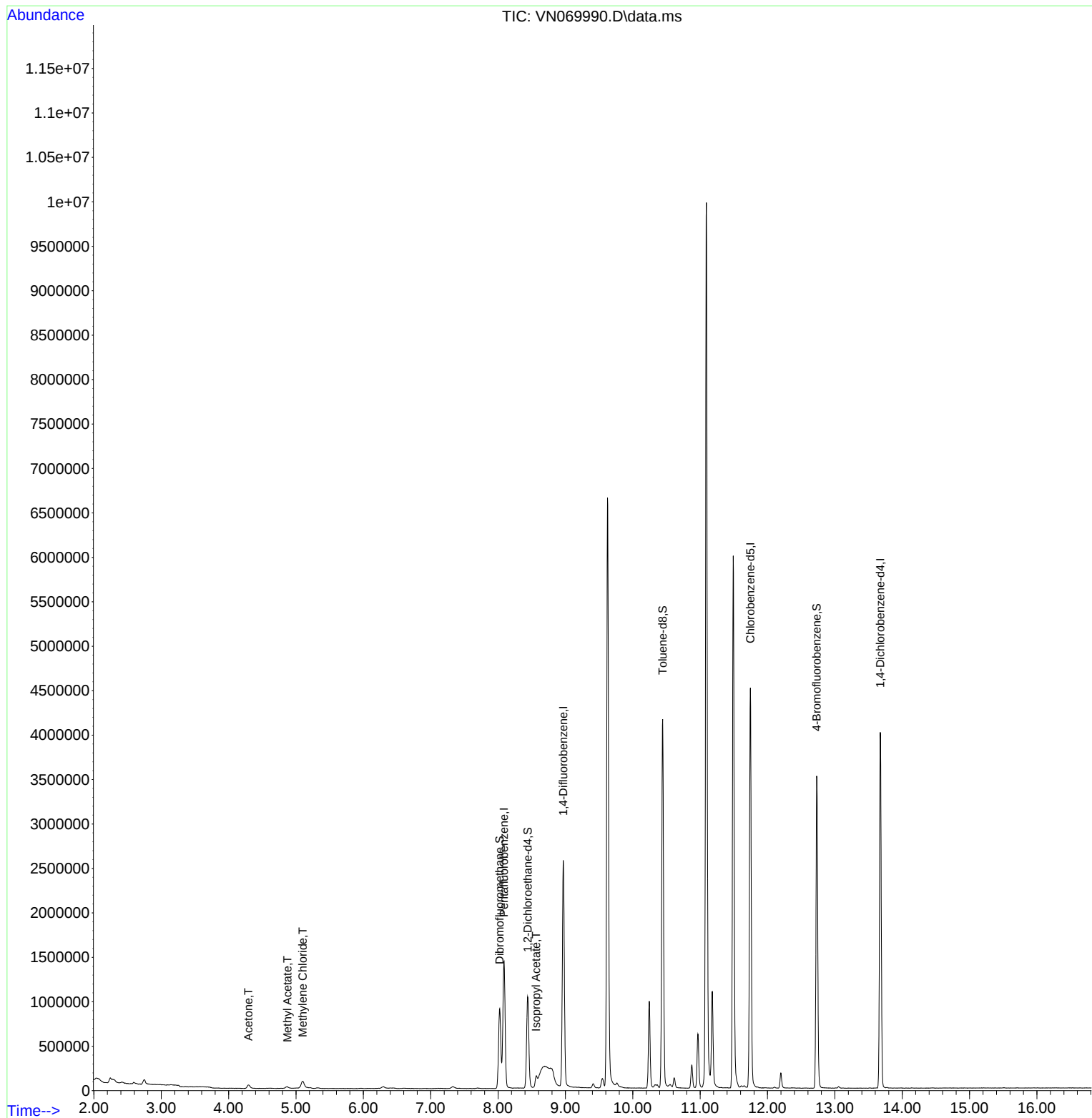
Internal Standards						
1) Pentafluorobenzene	8.088	168	1066927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2102561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2483892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1040341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	897749	54.497	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.000%
35) Dibromofluoromethane	8.024	113	648877	49.269	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.540%
50) Toluene-d8	10.443	98	2820131	53.329	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.731	95	1216372	63.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	126.980%
Target Compounds						
						Qvalue
16) Acetone	4.293	43	73520	7.419	ug/l	94
18) Methyl Acetate	4.873	43	41712	1.395	ug/l #	73
20) Methylene Chloride	5.098	84	55050	4.179	ug/l	84
43) Isopropyl Acetate	8.566	43	161702	3.668	ug/l #	80

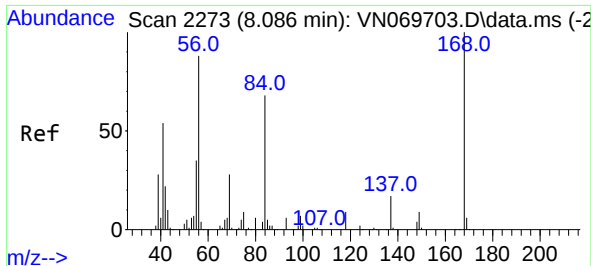
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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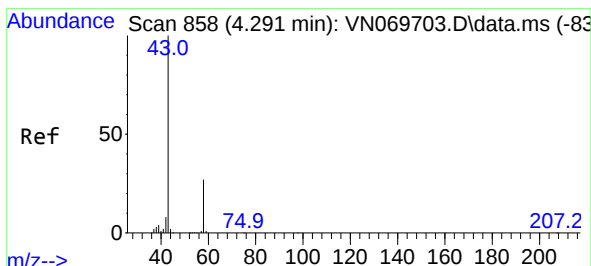
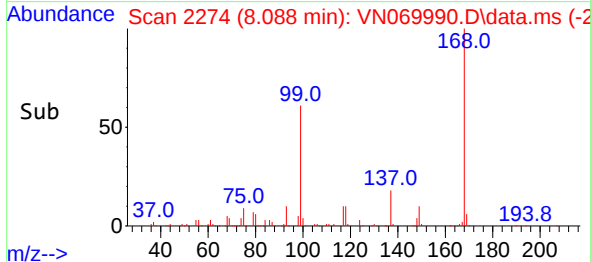
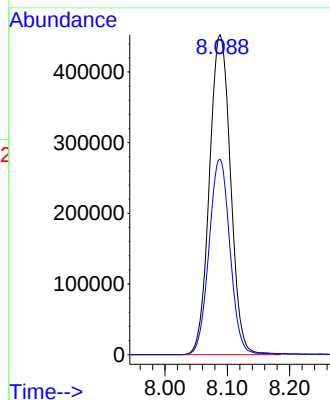
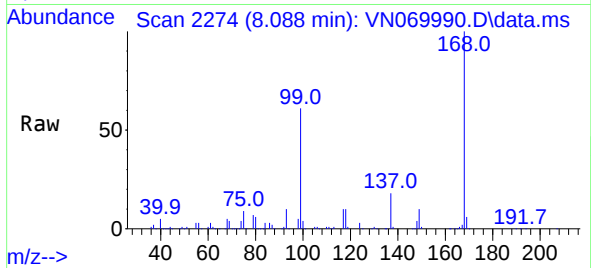




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

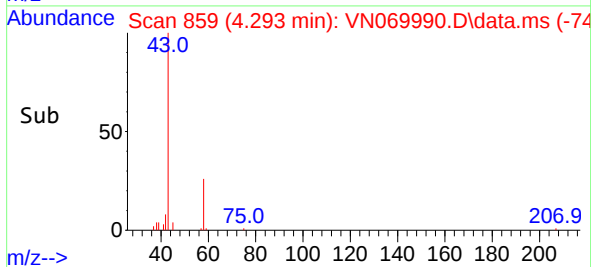
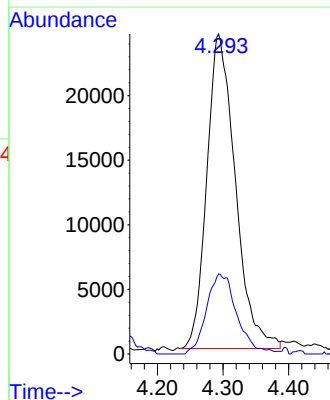
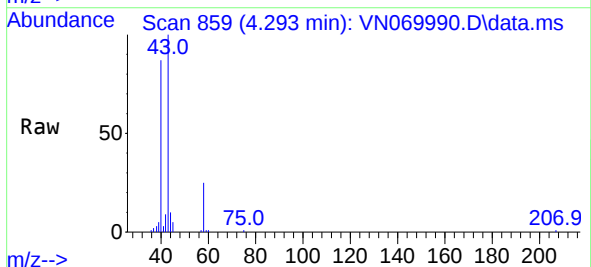
Instrument :
MSVOA_N
ClientSampleId :
P28-10

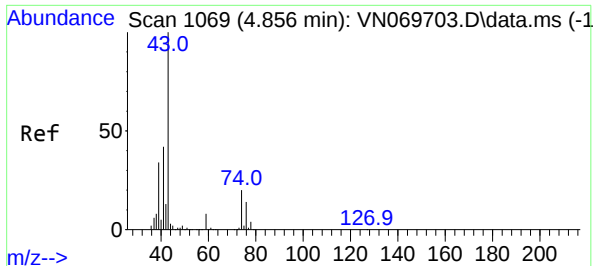
Tgt Ion:168 Resp: 1066927
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#16
Acetone
Concen: 7.419 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

Tgt Ion: 43 Resp: 73520
Ion Ratio Lower Upper
43 100
58 25.5 23.1 34.7

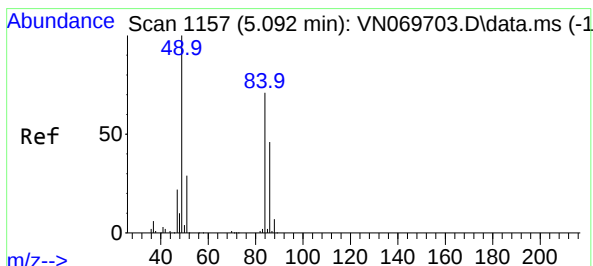
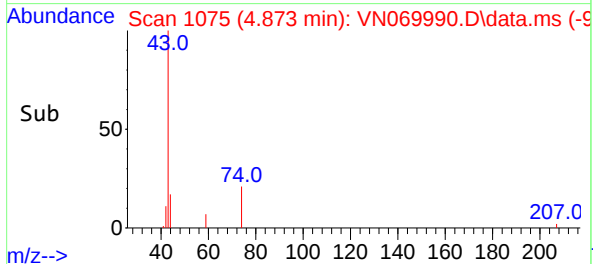
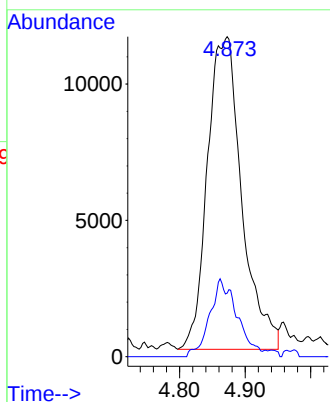
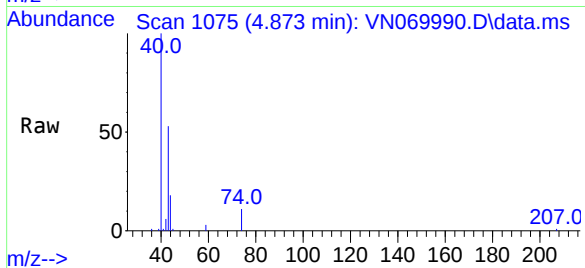




#18
Methyl Acetate
Concen: 1.395 ug/l
RT: 4.873 min Scan# 1069
Delta R.T. 0.016 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

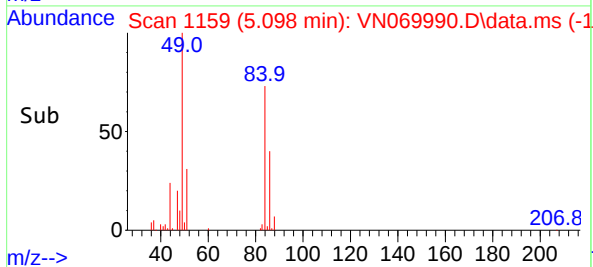
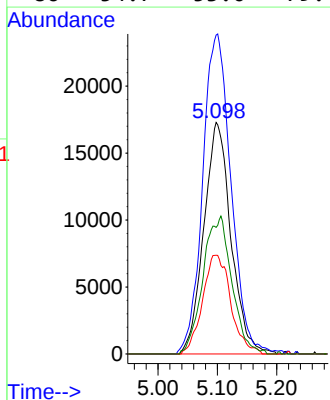
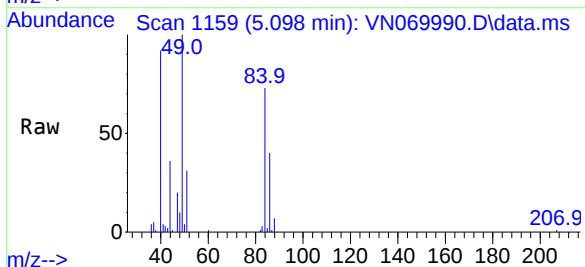
Instrument :
MSVOA_N
ClientSampleId :
P28-10

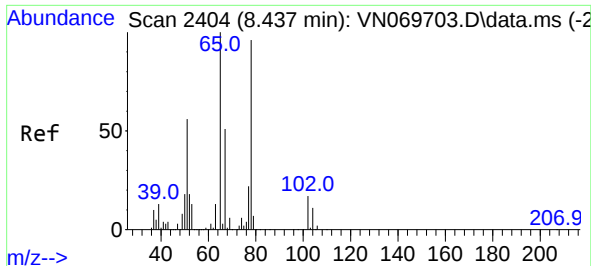
Tgt Ion: 43 Resp: 41712
Ion Ratio Lower Upper
43 100
74 11.1 19.4 29.2#



#20
Methylene Chloride
Concen: 4.179 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

Tgt Ion: 84 Resp: 55050
Ion Ratio Lower Upper
84 100
49 136.5 93.5 140.3
51 42.6 29.4 44.2
86 54.7 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 54.497 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069990.D

Acq: 11 Dec 2021 6:25

Instrument :

MSVOA_N

ClientSampleId :

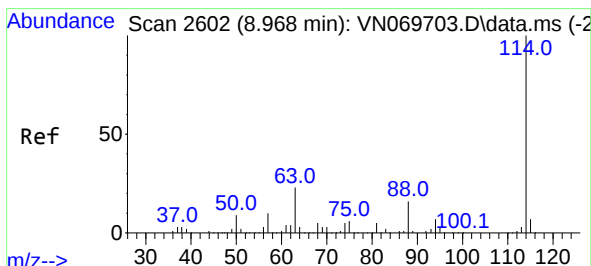
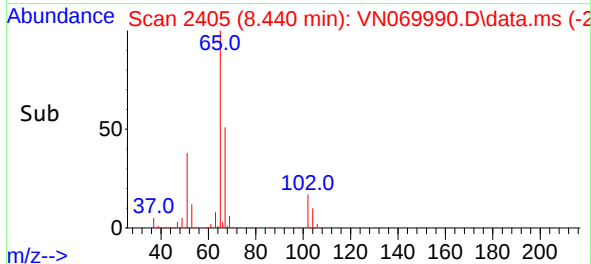
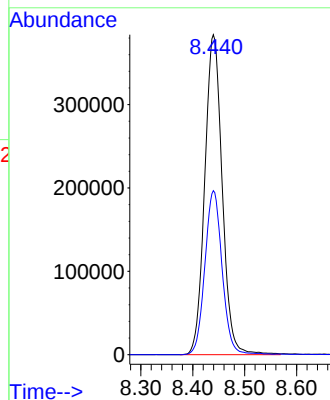
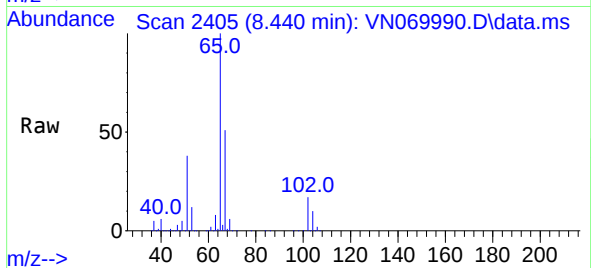
P28-10

Tgt Ion: 65 Resp: 897749

Ion Ratio Lower Upper

65 100

67 50.6 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: VN069990.D

Acq: 11 Dec 2021 6:25

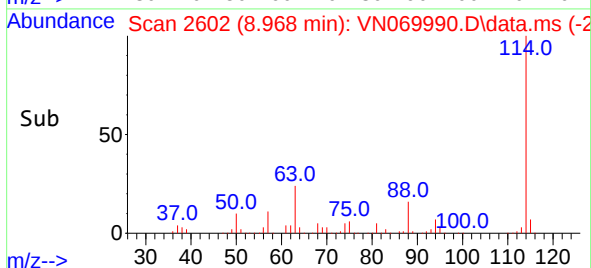
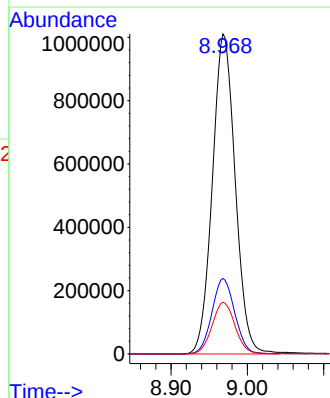
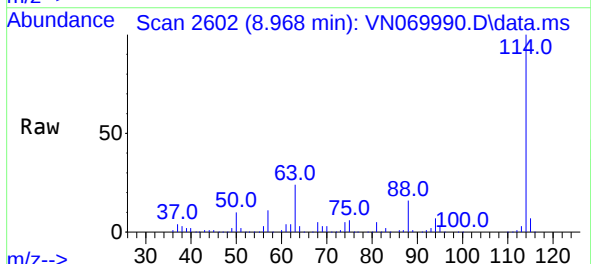
Tgt Ion: 114 Resp: 2102561

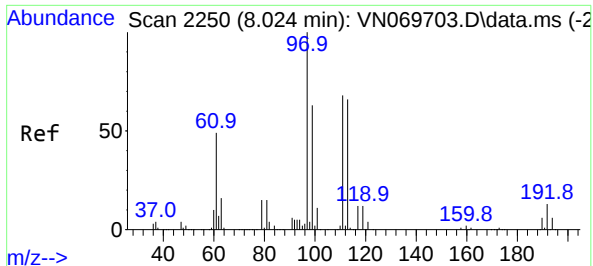
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.1 0.0 27.4

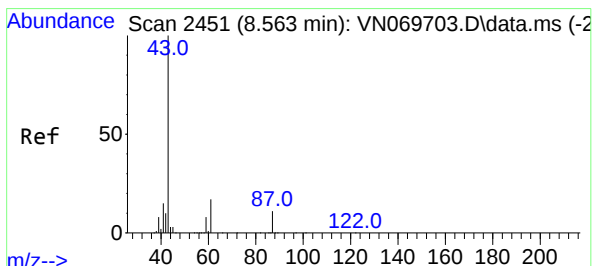
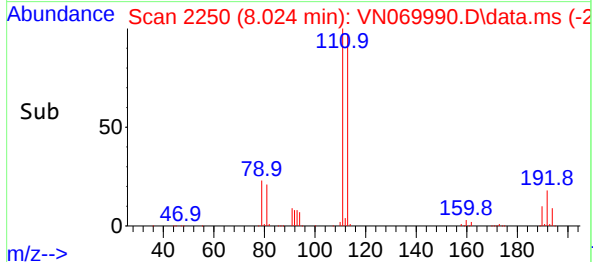
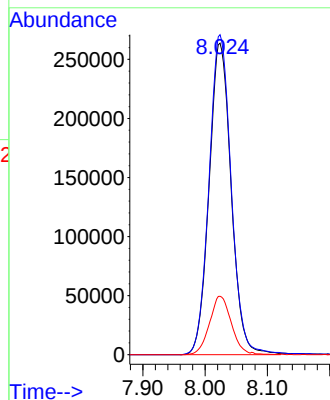
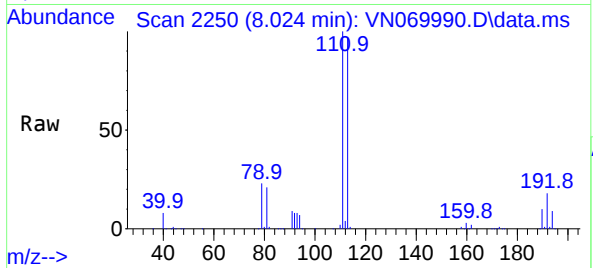




#35
Dibromofluoromethane
Concen: 49.269 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

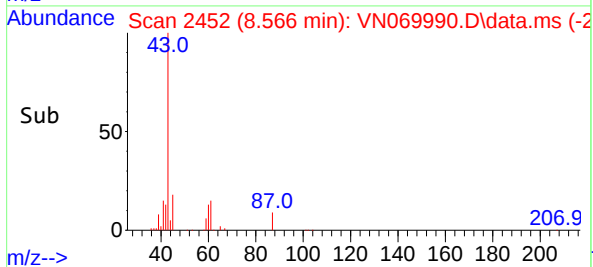
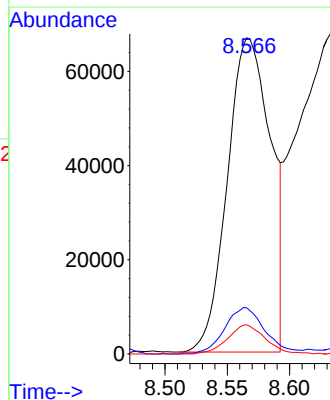
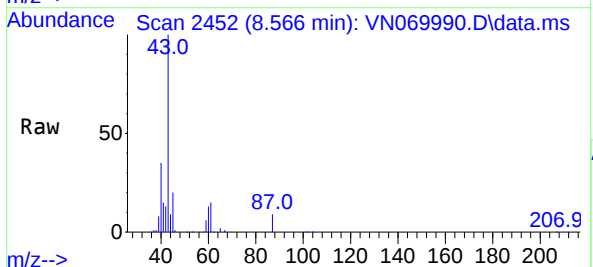
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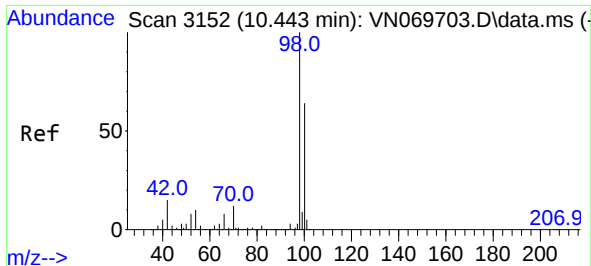
Tgt Ion:113 Resp: 648877
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.7 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.668 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

Tgt Ion: 43 Resp: 161702
Ion Ratio Lower Upper
43 100
61 13.7 20.4 30.6#
87 8.0 11.2 16.8#

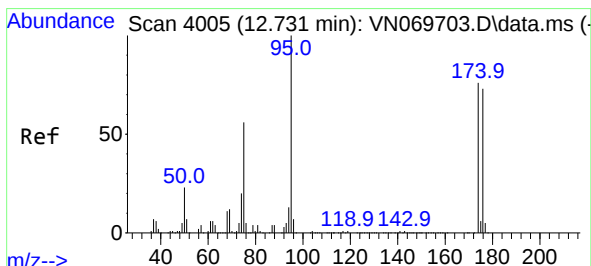
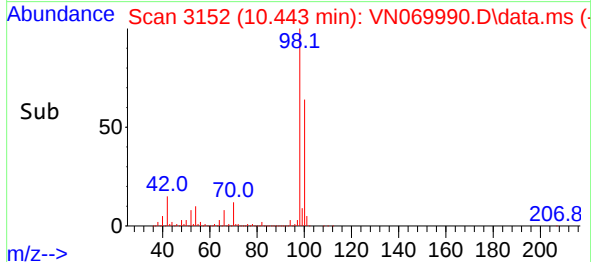
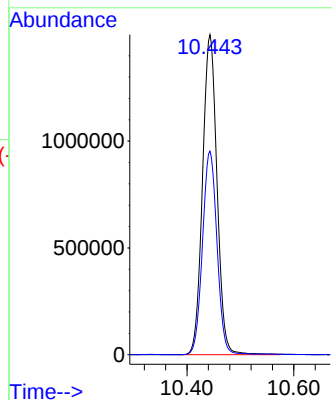
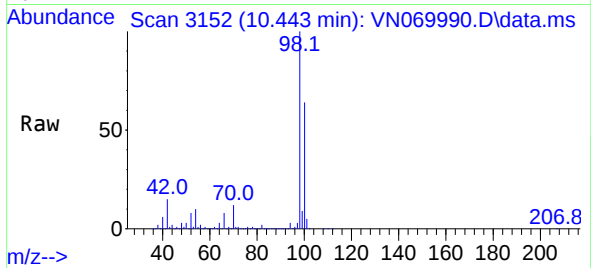




#50
Toluene-d8
Concen: 53.329 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

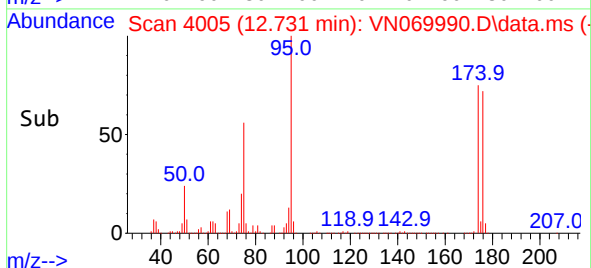
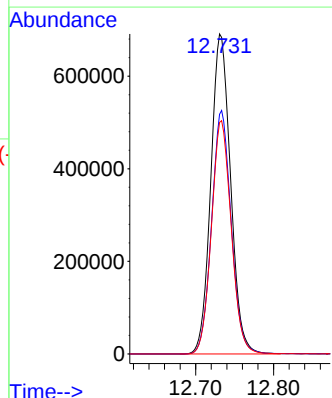
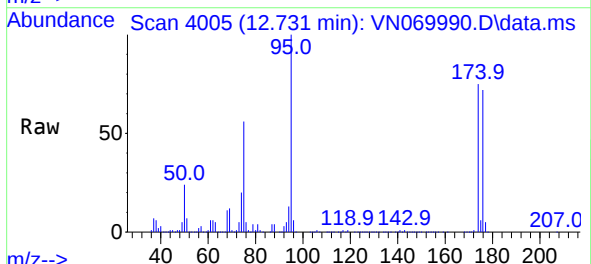
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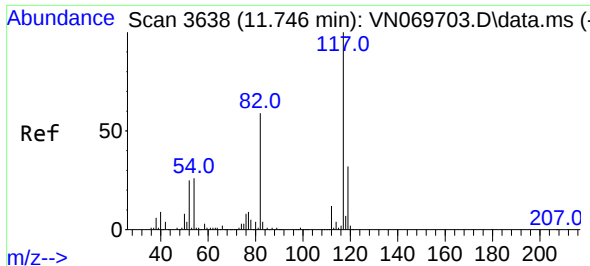
Tgt Ion: 98 Resp: 2820131
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 63.492 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

Tgt Ion: 95 Resp: 1216372
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.1 0.0 181.4

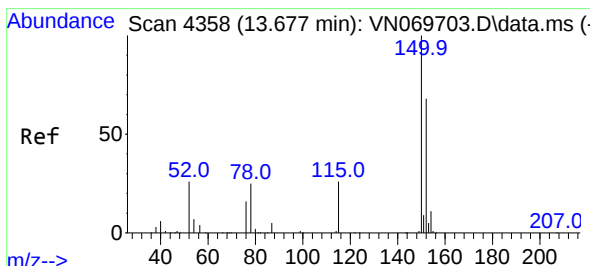
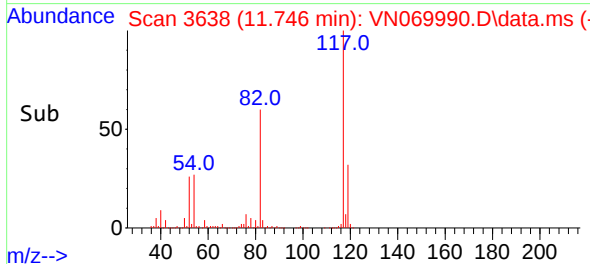
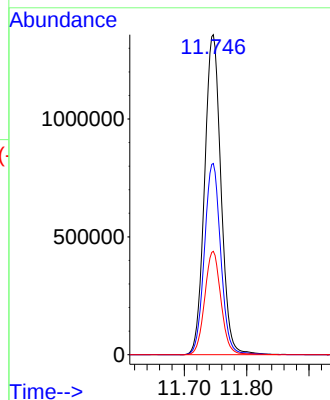
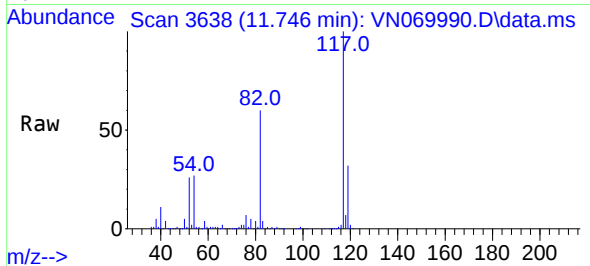




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069990.D
Acq: 11 Dec 2021 6:25

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 2483892
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.3 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: VN069990.D
Acq: 11 Dec 2021 6:25

Tgt Ion:152 Resp: 1040341
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 157.8 0.0 344.4

