

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069971.D
 Acq On : 10 Dec 2021 20:39
 Operator : JC/MD
 Sample : M4969-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A

Quant Time: Dec 11 05:25:09 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)

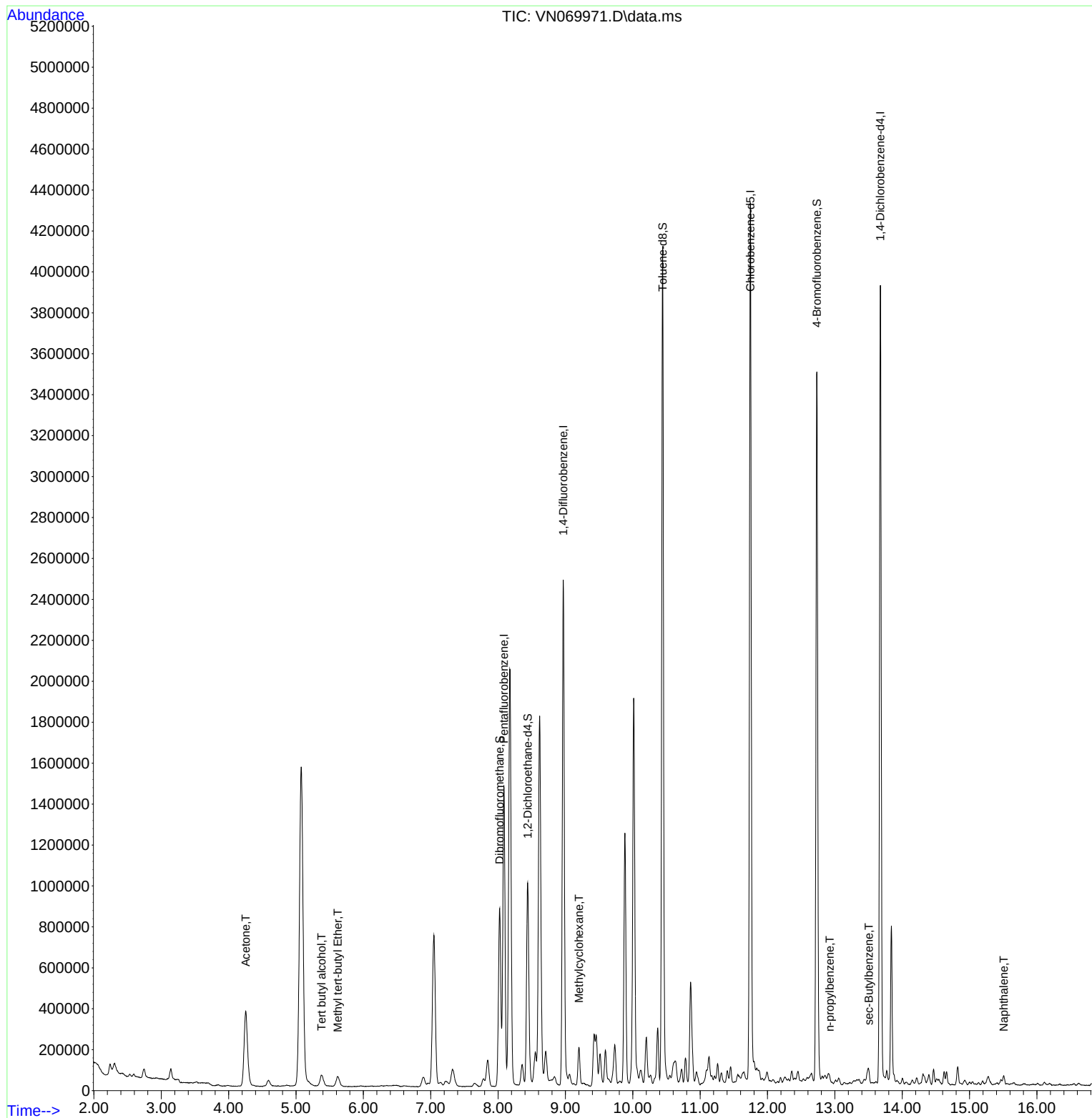
Internal Standards						
1) Pentafluorobenzene	8.088	168	1071264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2039642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2368571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1017049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	857981	51.872	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.740%	
35) Dibromofluoromethane	8.024	113	630519	49.352	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.700%	
50) Toluene-d8	10.443	98	2701852	52.668	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.733	95	1195778	64.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 128.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.380	59	97750	31.265	ug/l	99
16) Acetone	4.253	43	300334	30.185	ug/l #	54
19) Methyl tert-butyl Ether	5.618	73	60848	1.534	ug/l #	66
39) Methylcyclohexane	9.201	83	59796m	2.589	ug/l	
78) n-propylbenzene	12.924	91	22219	0.221	ug/l	95
85) sec-Butylbenzene	13.503	105	40532	0.463	ug/l #	70
95) Naphthalene	15.507	128	42006	4.763	ug/l #	89

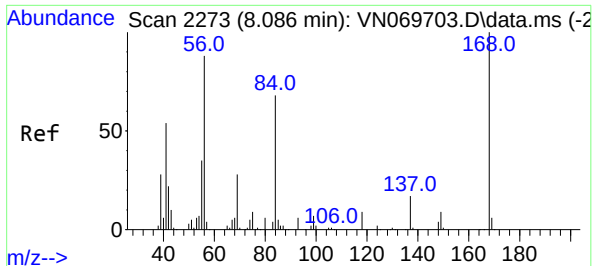
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

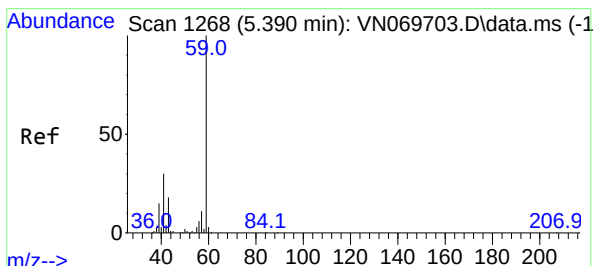
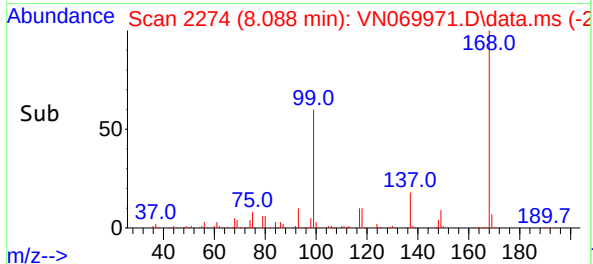
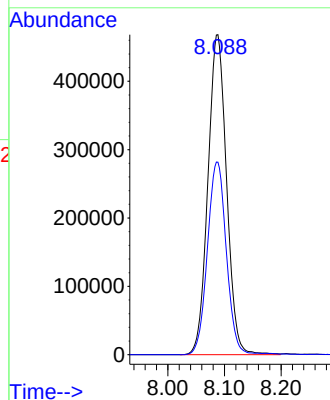
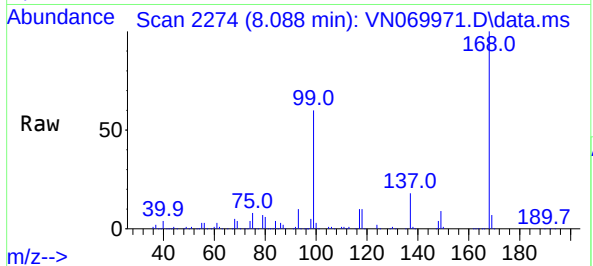




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

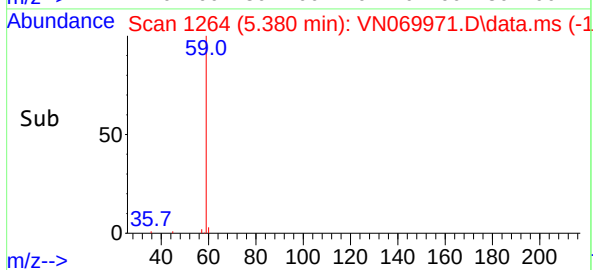
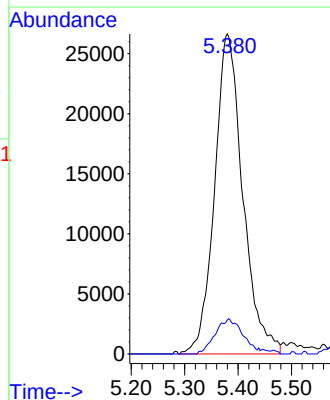
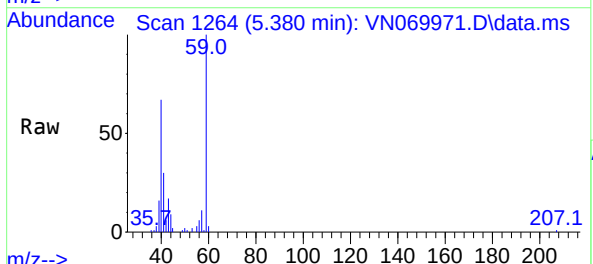
Instrument :
MSVOA_N
ClientSampleId :
MW-11A

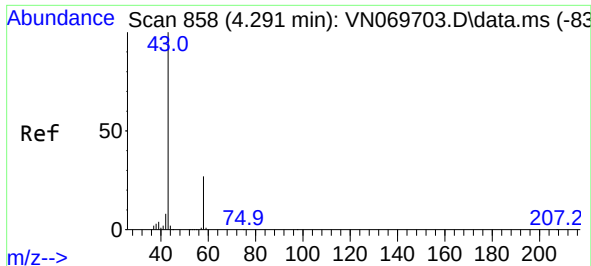
Tgt Ion:168 Resp: 1071264
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 31.265 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. -0.011 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

Tgt Ion: 59 Resp: 97750
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

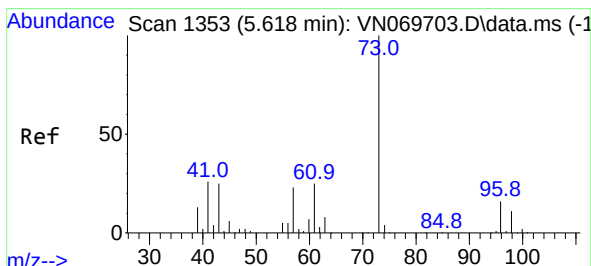
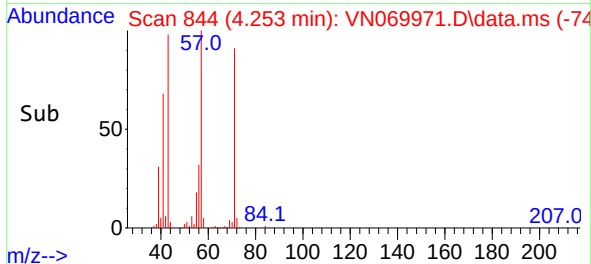
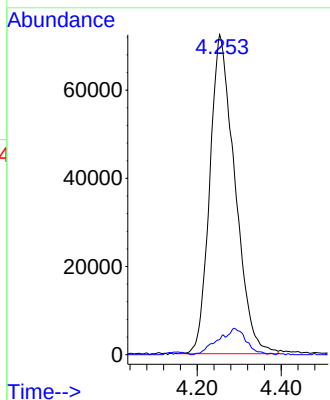
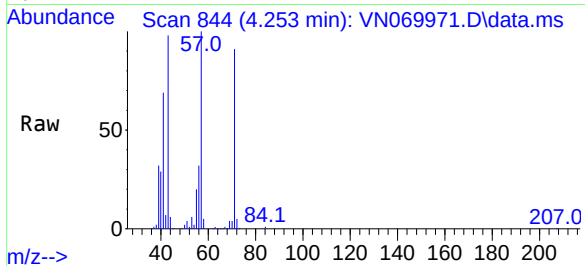




#16
Acetone
Concen: 30.185 ug/l
RT: 4.253 min Scan# 844
Delta R.T. -0.037 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

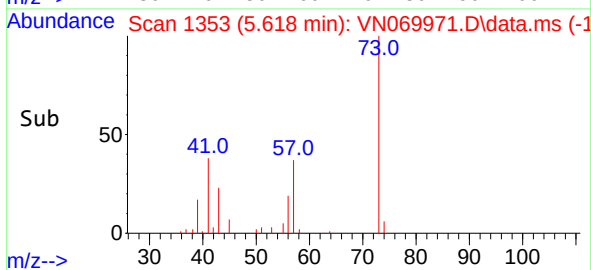
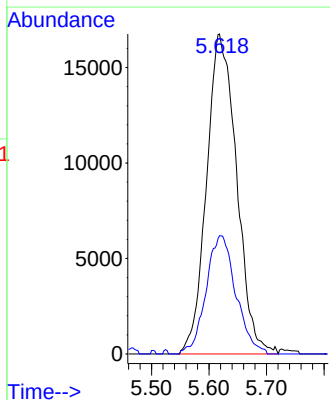
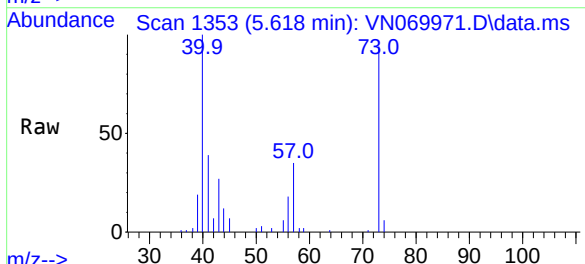
Instrument :
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ClientSampleId :
MW-11A

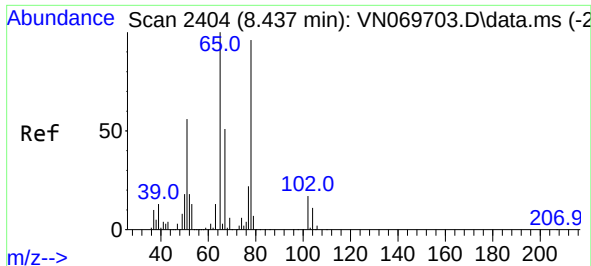
Tgt Ion: 43 Resp: 300334
Ion Ratio Lower Upper
43 100
58 4.4 23.1 34.7#



#19
Methyl tert-butyl Ether
Concen: 1.534 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

Tgt Ion: 73 Resp: 60848
Ion Ratio Lower Upper
73 100
57 36.9 16.8 25.2#





#33

1,2-Dichloroethane-d4

Concen: 51.872 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069971.D

Acq: 10 Dec 2021 20:39

Instrument :

MSVOA_N

ClientSampleId :

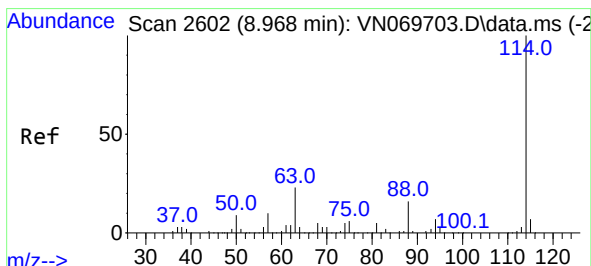
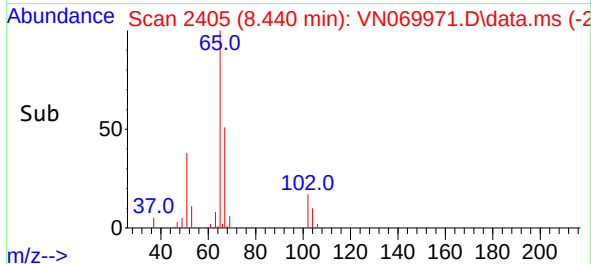
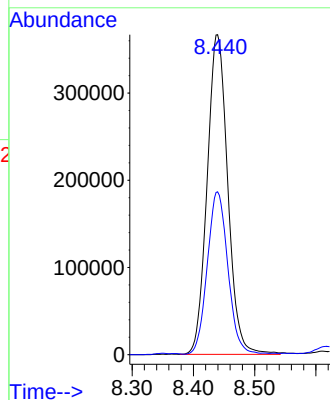
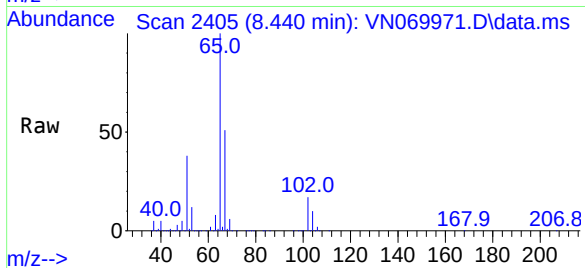
MW-11A

Tgt Ion: 65 Resp: 857981

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: VN069971.D

Acq: 10 Dec 2021 20:39

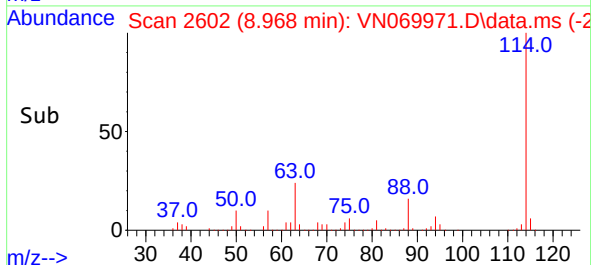
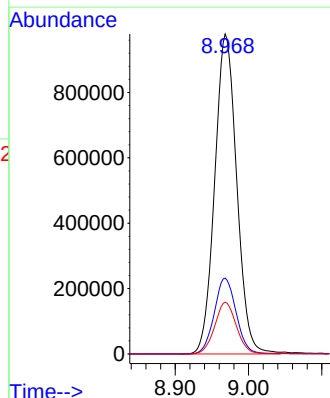
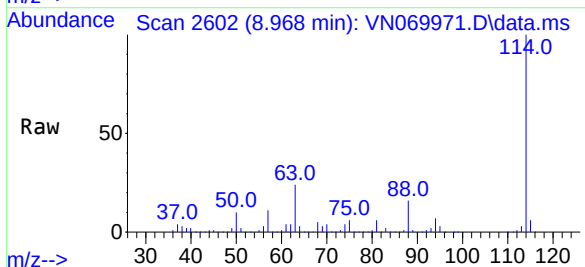
Tgt Ion: 114 Resp: 2039642

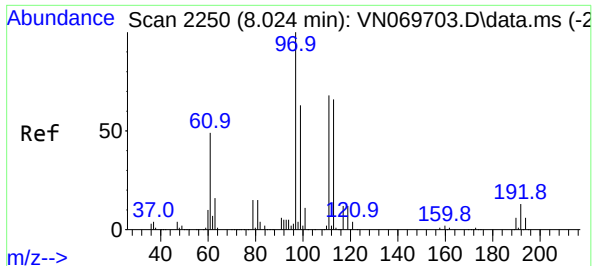
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.2 0.0 27.4

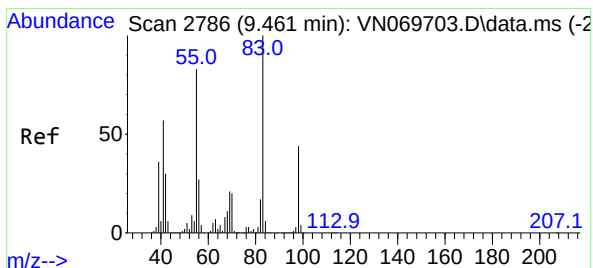
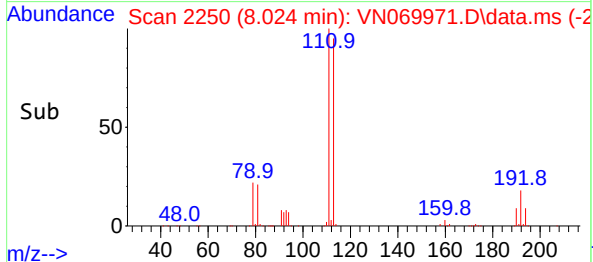
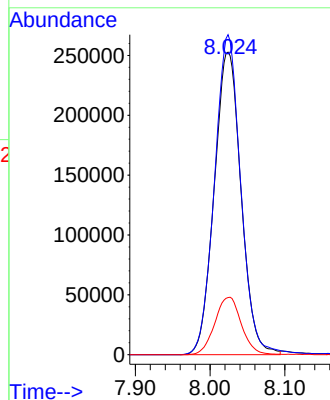
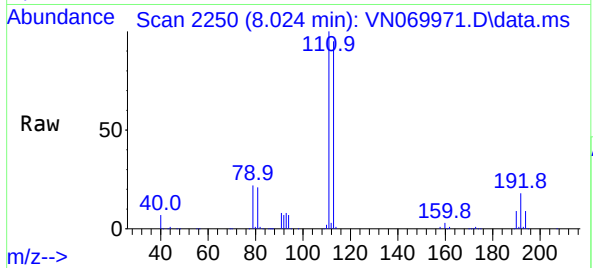




#35
Dibromofluoromethane
Concen: 49.352 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

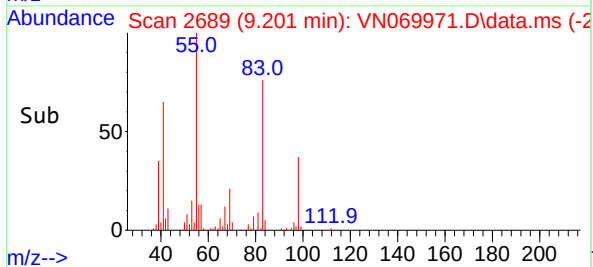
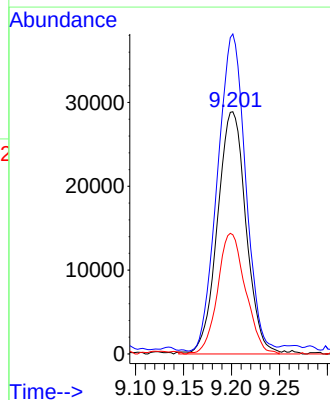
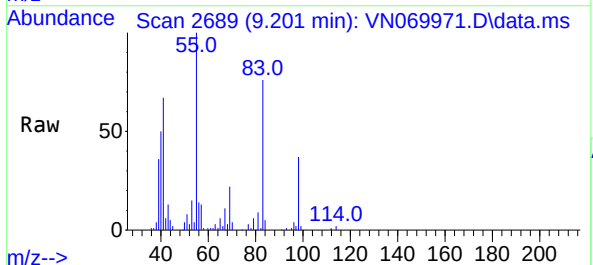
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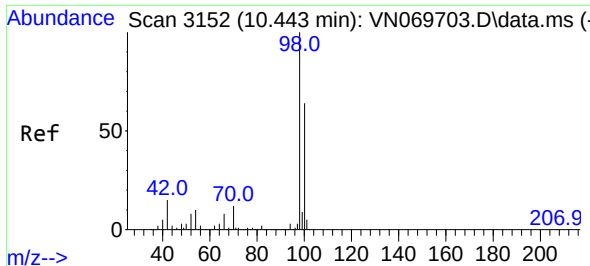
Tgt Ion:113 Resp: 630519
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.8 16.9 25.3



#39
Methylcyclohexane
Concen: 2.589 ug/l m
RT: 9.201 min Scan# 2689
Delta R.T. -0.260 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

Tgt Ion: 83 Resp: 59796
Ion Ratio Lower Upper
83 100
55 132.1 58.1 87.1#
98 49.2 38.4 57.6

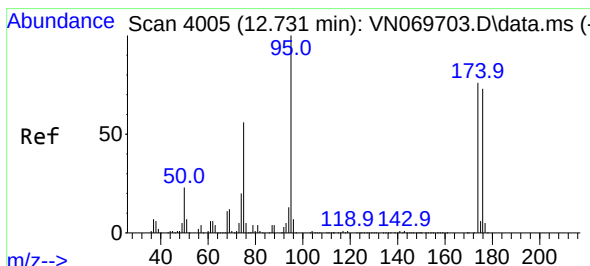
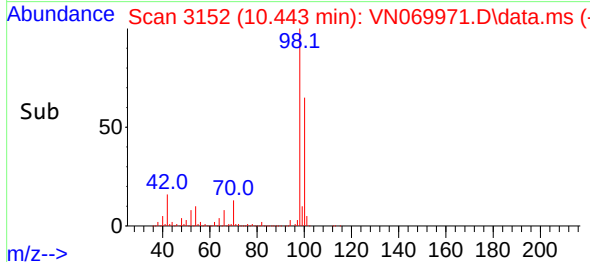
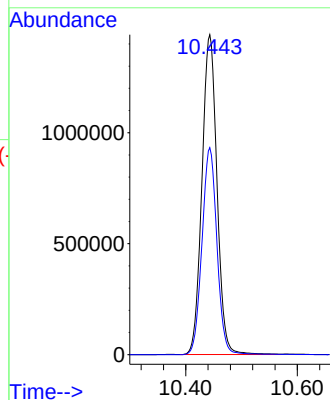
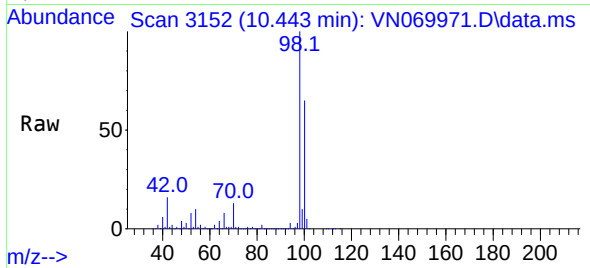




#50
Toluene-d8
Concen: 52.668 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

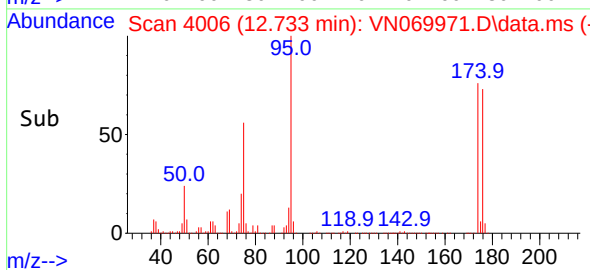
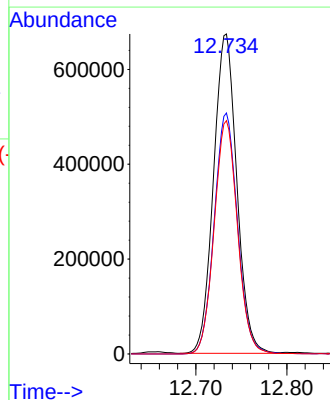
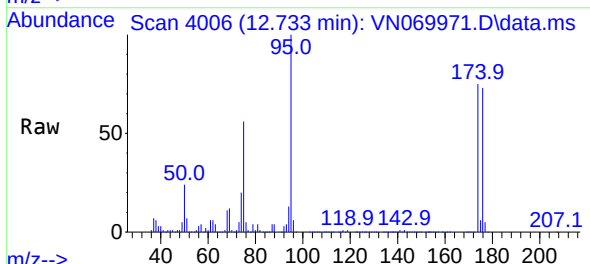
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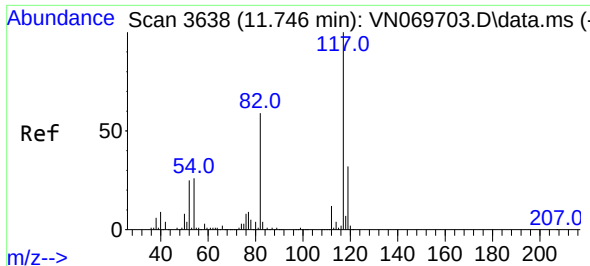
Tgt Ion: 98 Resp: 2701852
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 64.342 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

Tgt Ion: 95 Resp: 1195778
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.0 0.0 181.4



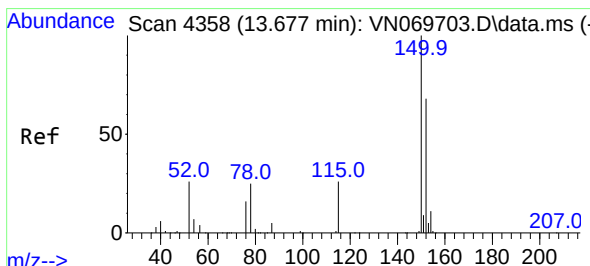
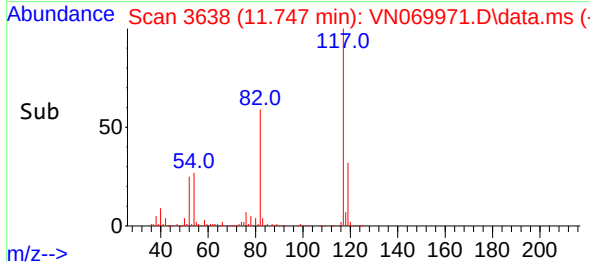
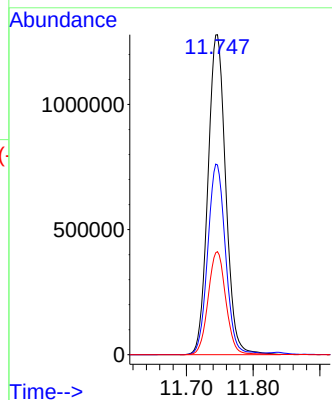
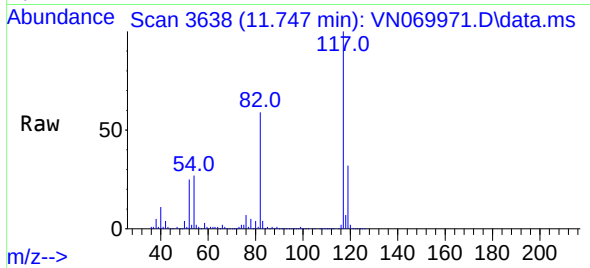


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

Instrument :
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Tgt Ion:117 Resp: 2368571

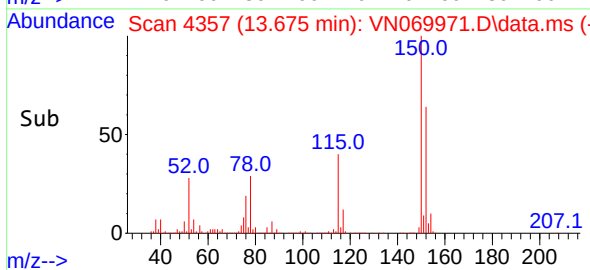
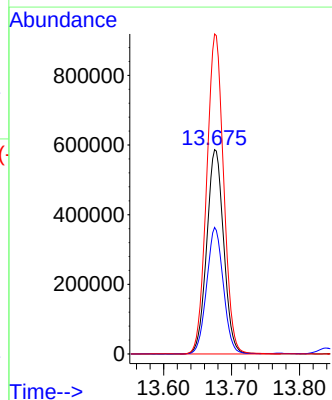
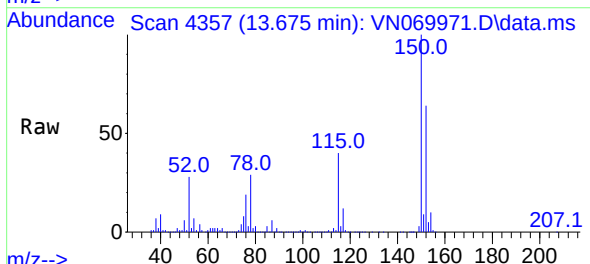
Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	32.2	25.4	38.2

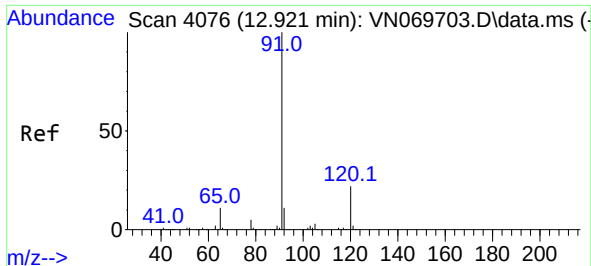


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

Tgt Ion:152 Resp: 1017049

Ion	Ratio	Lower	Upper
152	100		
115	60.9	27.5	82.5
150	156.6	0.0	344.4

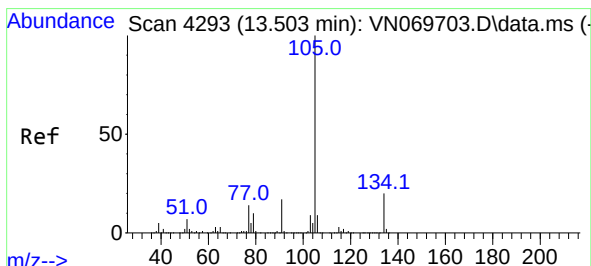
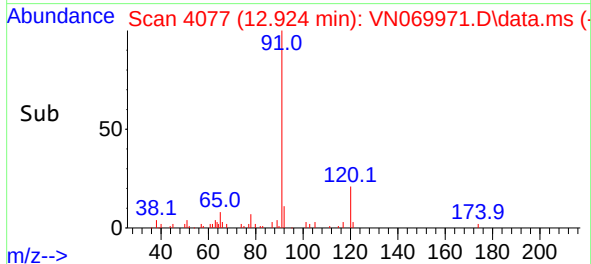
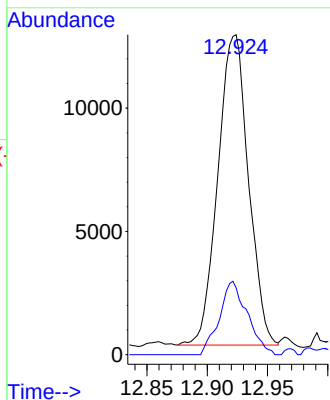
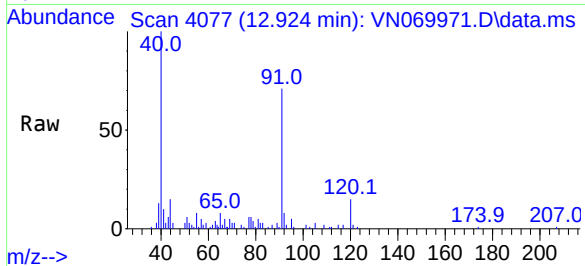




#78
n-propylbenzene
Concen: 0.221 ug/l
RT: 12.924 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

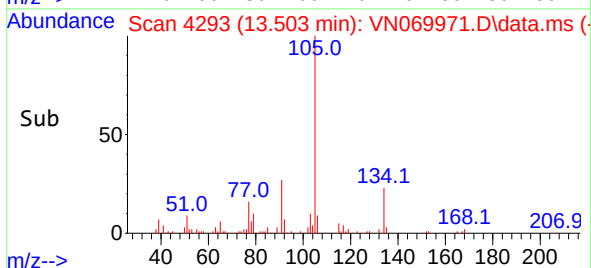
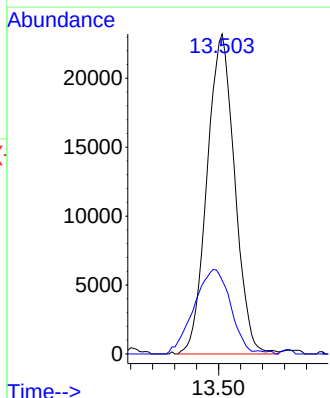
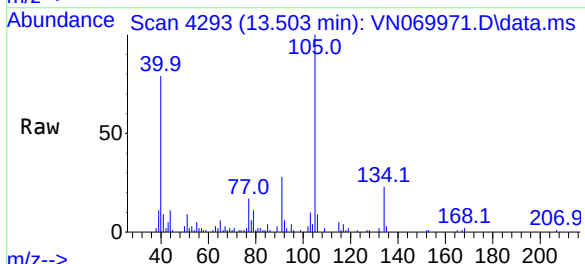
Instrument :
MSVOA_N
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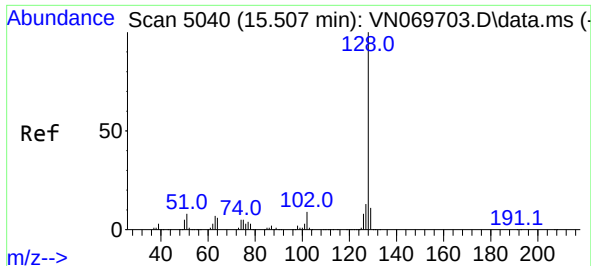
Tgt Ion: 91 Resp: 22219
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9



#85
sec-Butylbenzene
Concen: 0.463 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

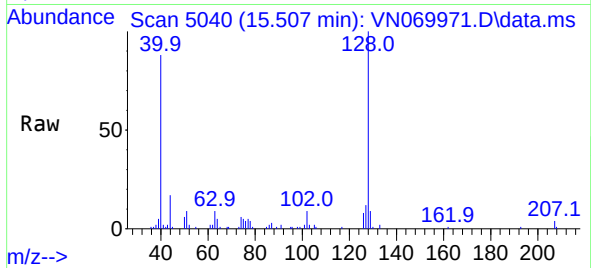
Tgt Ion: 105 Resp: 40532
Ion Ratio Lower Upper
105 100
134 34.7 10.4 31.1#





#95
Naphthalene
Concen: 4.763 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069971.D
Acq: 10 Dec 2021 20:39

Instrument :
MSVOA_N
ClientSampleId :
MW-11A



Tgt Ion:128 Resp: 42006
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 3.5 8.7 13.1#

