

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069972.D
 Acq On : 10 Dec 2021 21:05
 Operator : JC/MD
 Sample : M4970-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18

Quant Time: Dec 11 05:25:37 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)

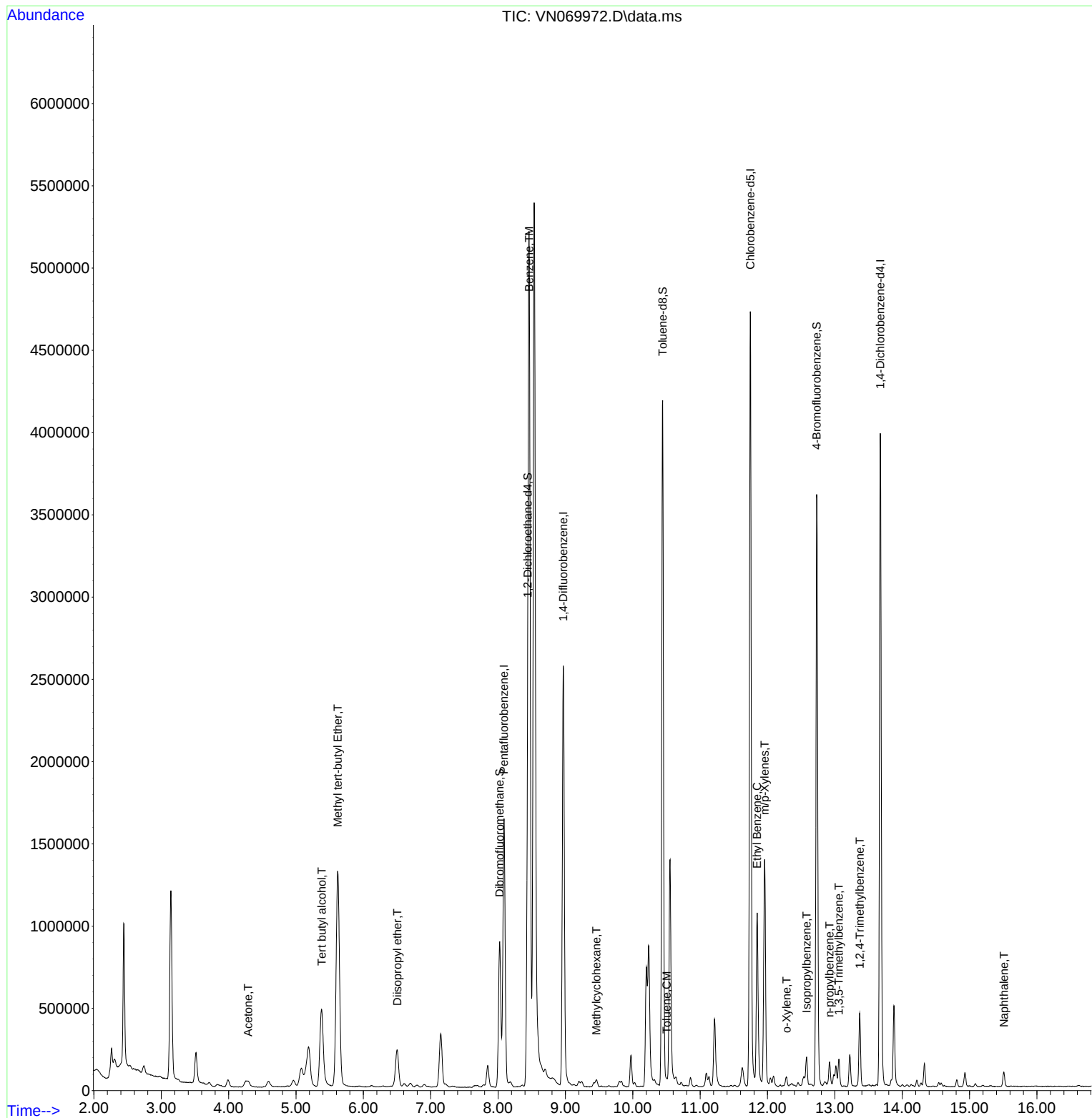
Internal Standards						
1) Pentafluorobenzene	8.088	168	1105193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2103575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2456390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1052707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	879670	51.551	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.100%	
35) Dibromofluoromethane	8.024	113	643162	48.812	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.620%	
50) Toluene-d8	10.443	98	2795873	52.845	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.680%	
62) 4-Bromofluorobenzene	12.731	95	1230370	64.191	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 128.380%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.382	59	867267	268.874	ug/l	98
16) Acetone	4.291	43	72969	7.109	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	1865436	45.573	ug/l #	86
22) Diisopropyl ether	6.503	45	289337	6.240	ug/l #	90
39) Methylcyclohexane	9.461	83	15661	0.657	ug/l	92
40) Benzene	8.461	78	4792449	78.295	ug/l	98
52) Toluene	10.505	92	8043	0.215	ug/l	99
67) Ethyl Benzene	11.846	91	713909	7.887	ug/l	97
68) m/p-Xylenes	11.958	106	417602	12.670	ug/l	92
69) o-Xylene	12.283	106	12312	0.371	ug/l	79
73) Isopropylbenzene	12.581	105	103985	1.110	ug/l	99
78) n-propylbenzene	12.921	91	116013	1.113	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	82981	1.101	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	254020	3.538	ug/l	97
95) Naphthalene	15.509	128	79819m	5.413	ug/l	

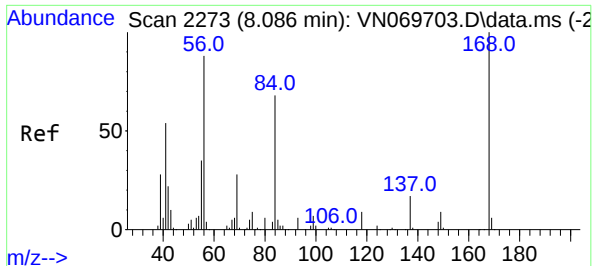
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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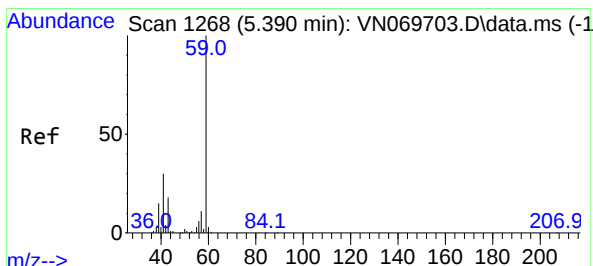
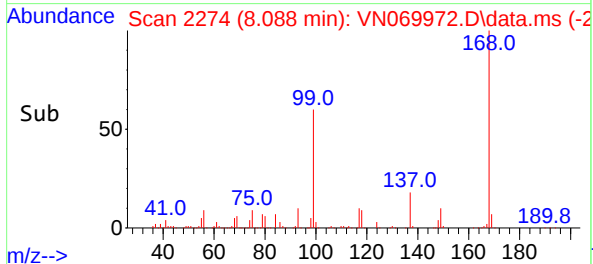
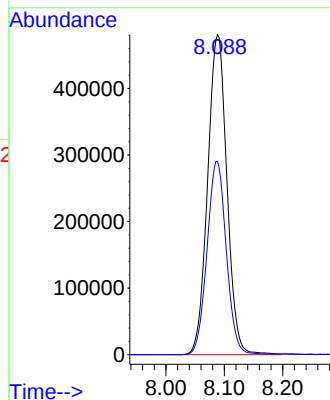
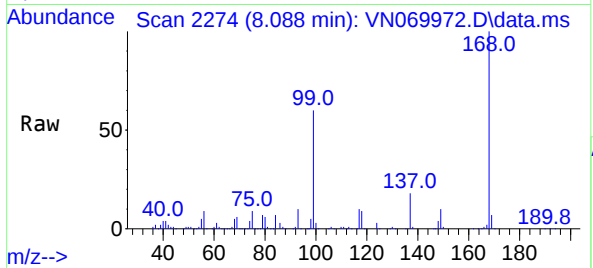




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

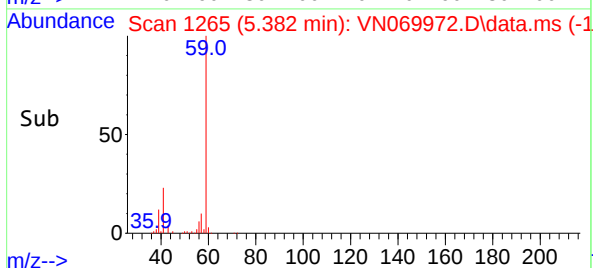
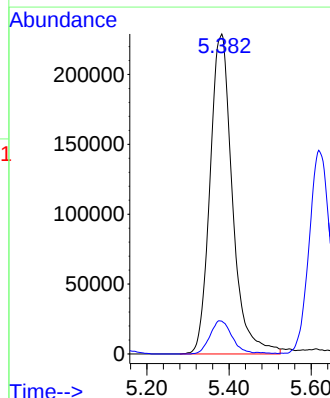
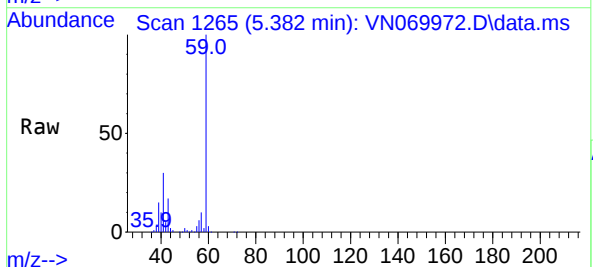
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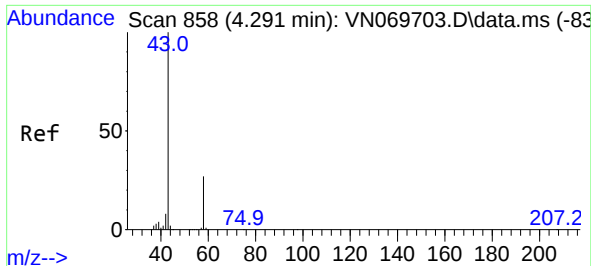
Tgt Ion:168 Resp: 1105193
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 268.874 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion: 59 Resp: 867267
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

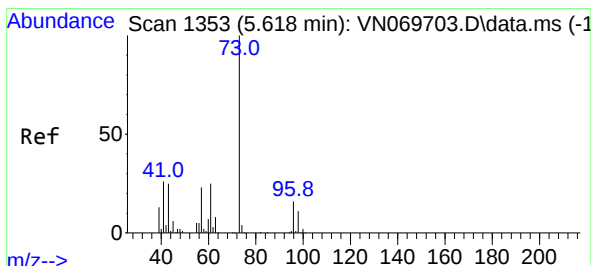
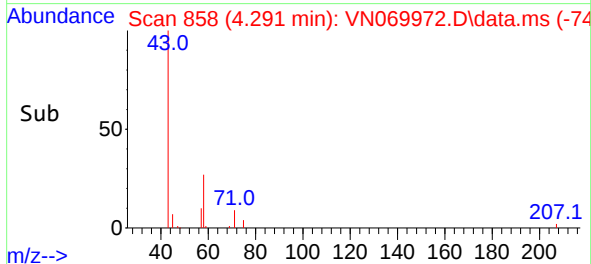
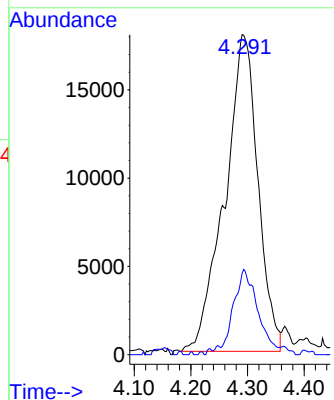
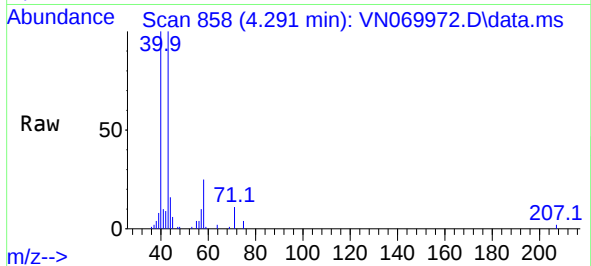




#16
Acetone
Concen: 7.109 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

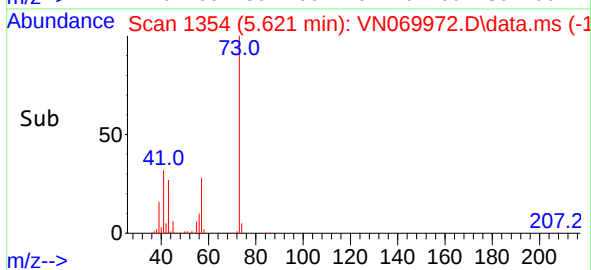
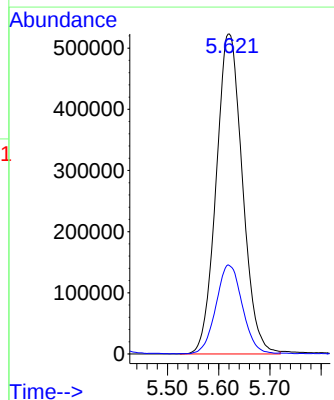
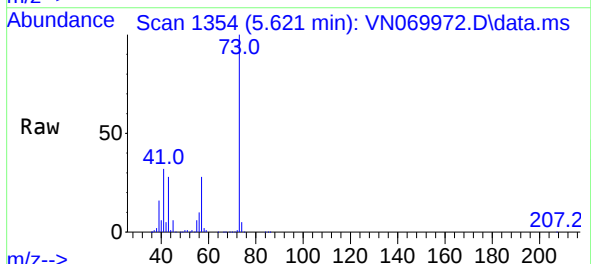
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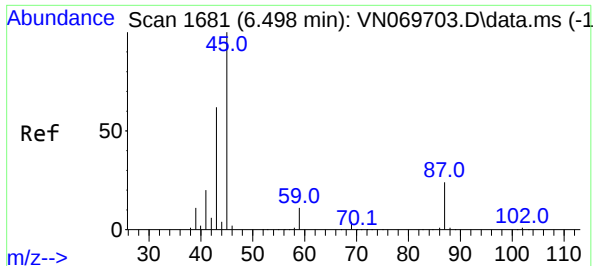
Tgt Ion: 43 Resp: 72969
Ion Ratio Lower Upper
43 100
58 24.7 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 45.573 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion: 73 Resp: 1865436
Ion Ratio Lower Upper
73 100
57 27.5 16.8 25.2#





#22

Diisopropyl ether

Concen: 6.240 ug/l

RT: 6.503 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN069972.D

Acq: 10 Dec 2021 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-18

Tgt Ion: 45 Resp: 289337

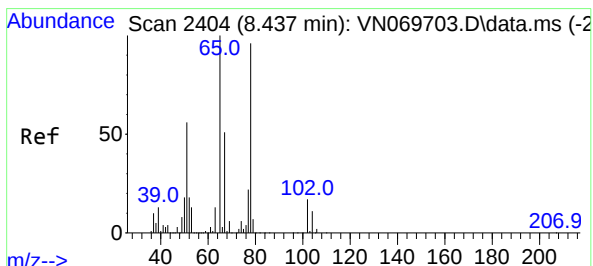
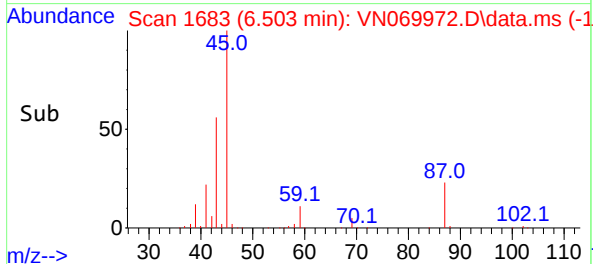
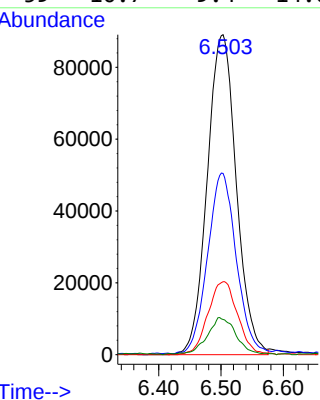
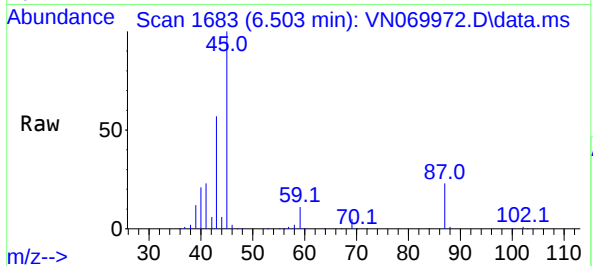
Ion Ratio Lower Upper

45 100

43 56.2 51.7 77.5

87 22.8 23.2 34.8#

59 10.7 9.4 14.0



#33

1,2-Dichloroethane-d4

Concen: 51.551 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069972.D

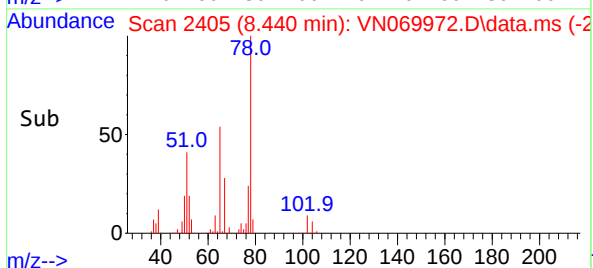
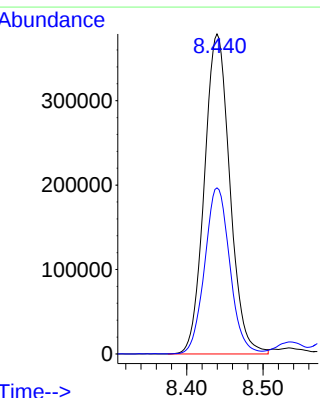
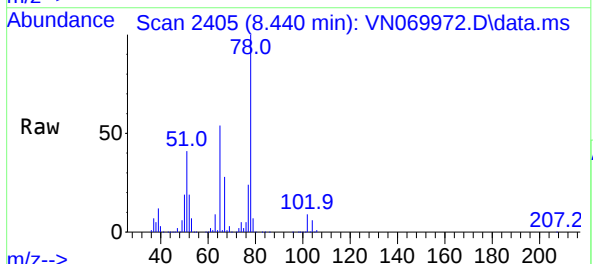
Acq: 10 Dec 2021 21:05

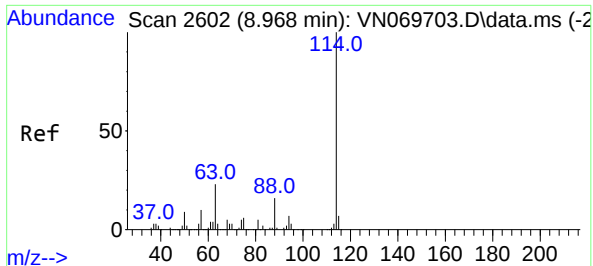
Tgt Ion: 65 Resp: 879670

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0

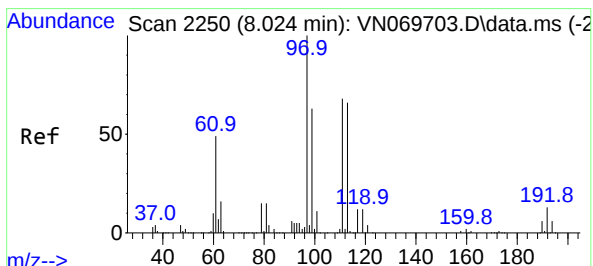
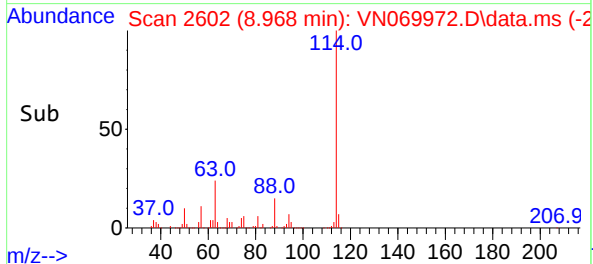
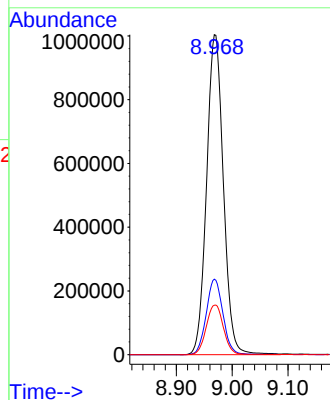
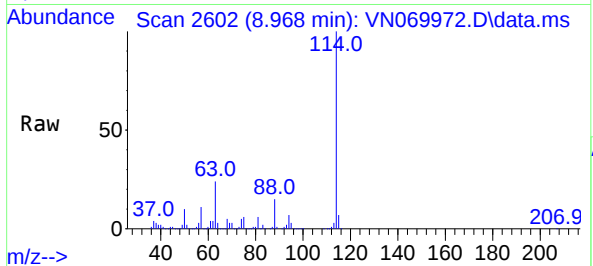




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2103575
Delta R.T. -0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

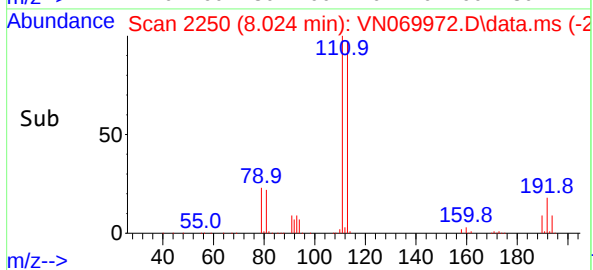
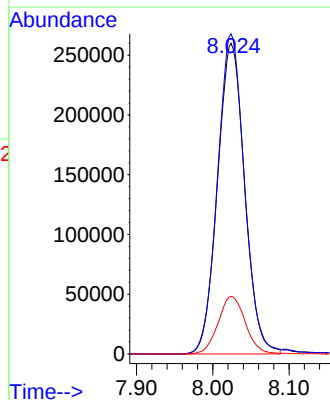
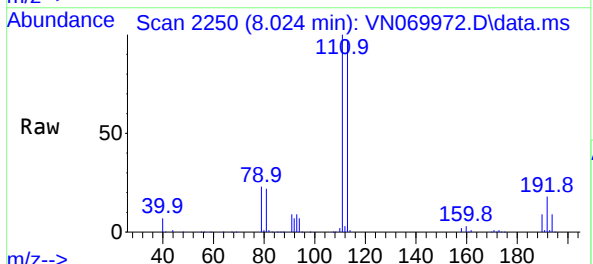
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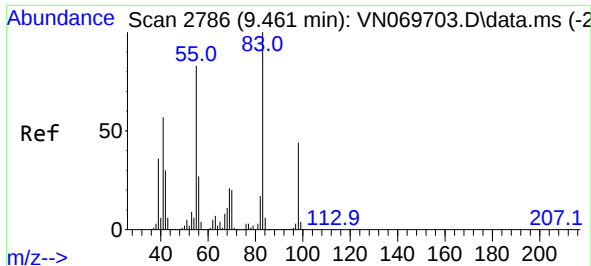
Tgt Ion:114 Resp: 2103575
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 15.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.812 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion:113 Resp: 643162
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.6 16.9 25.3

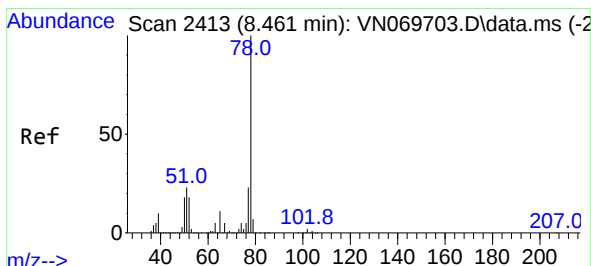
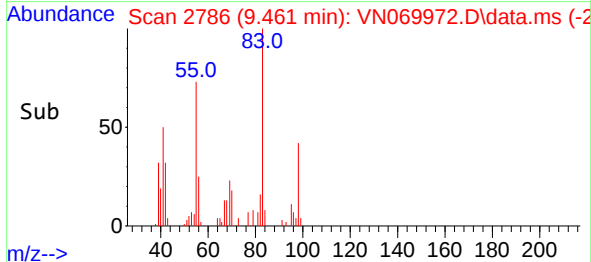
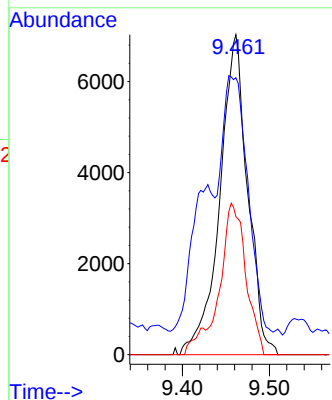
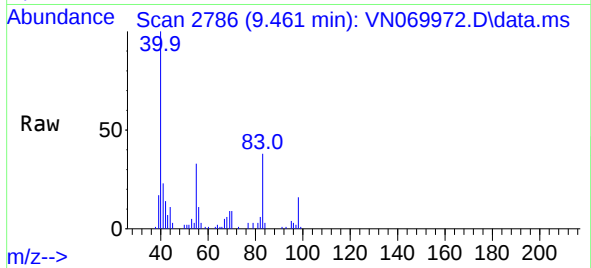




#39
Methylcyclohexane
Concen: 0.657 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

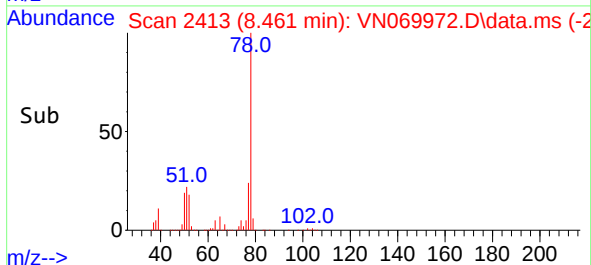
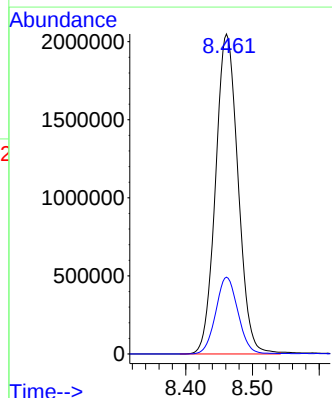
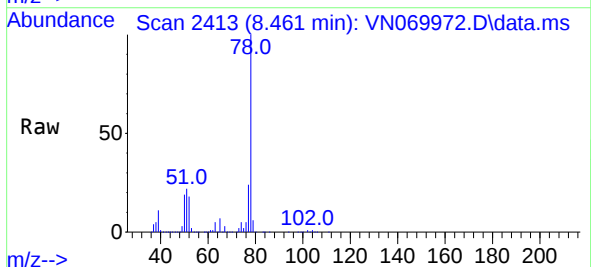
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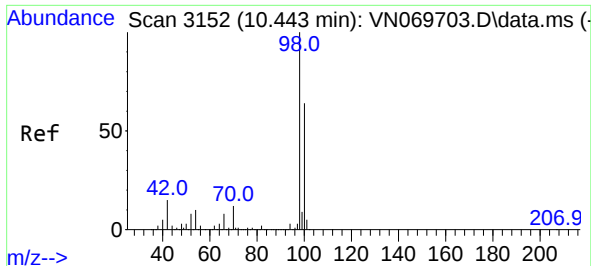
Tgt Ion: 83 Resp: 15661
Ion Ratio Lower Upper
83 100
55 79.4 58.1 87.1
98 43.1 38.4 57.6



#40
Benzene
Concen: 78.295 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion: 78 Resp: 4792449
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8

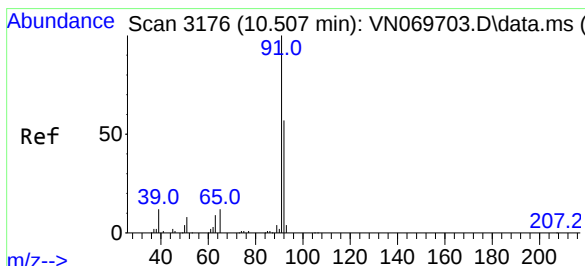
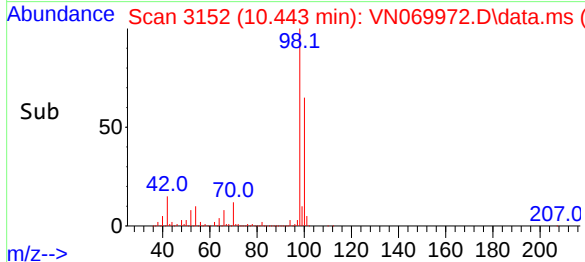
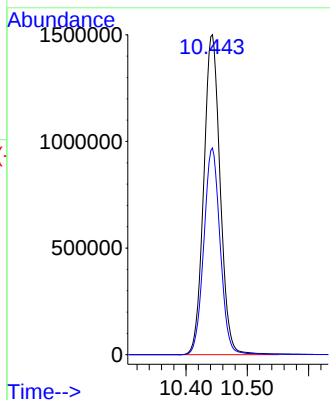
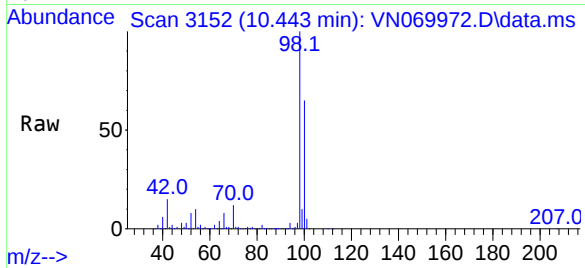




#50
Toluene-d8
Concen: 52.845 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

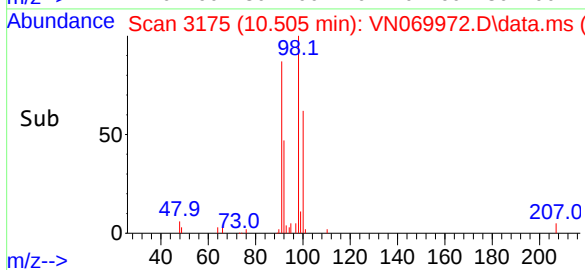
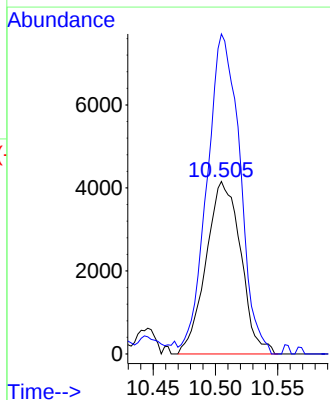
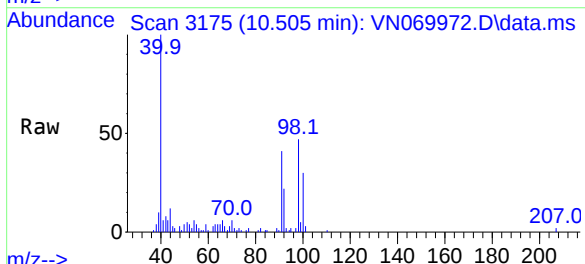
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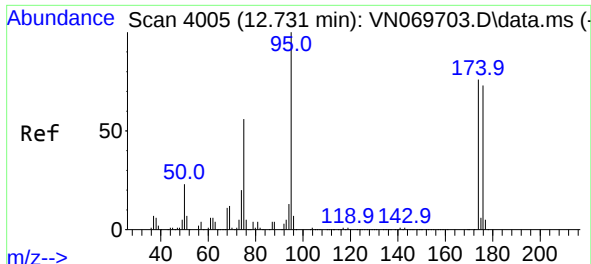
Tgt Ion: 98 Resp: 2795873
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#52
Toluene
Concen: 0.215 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion: 92 Resp: 8043
Ion Ratio Lower Upper
92 100
91 176.0 142.0 213.0

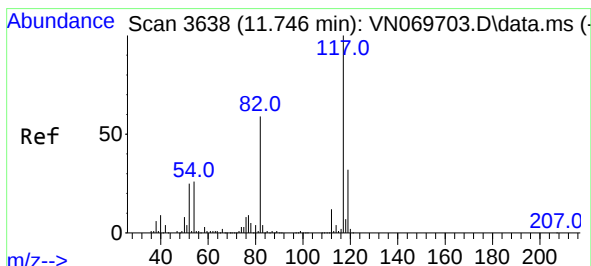
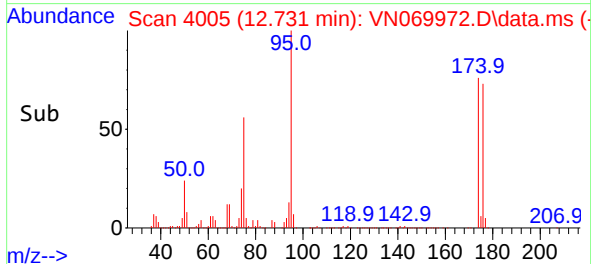
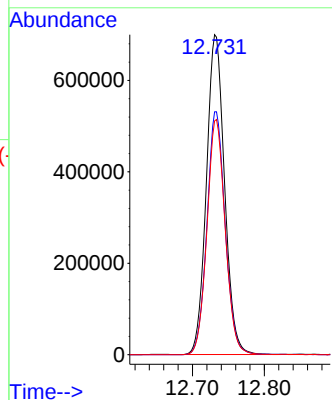
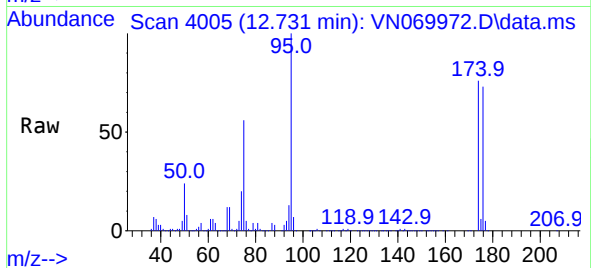




#62
4-Bromofluorobenzene
Concen: 64.191 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

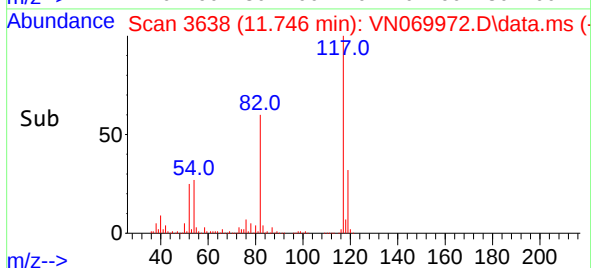
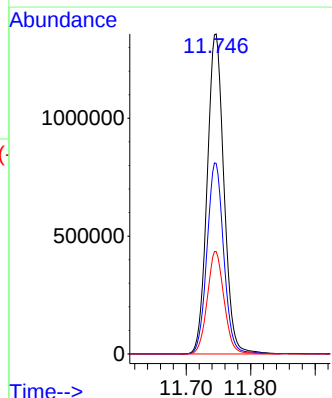
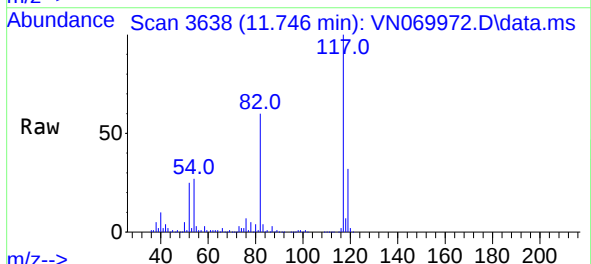
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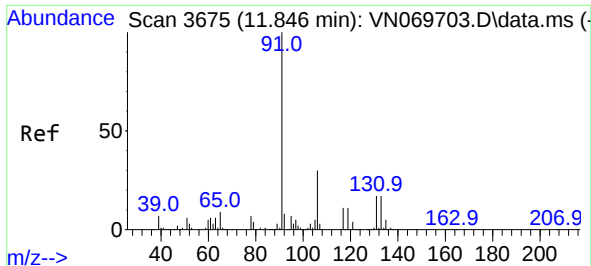
Tgt Ion: 95 Resp: 1230370
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion: 117 Resp: 2456390
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.0 25.4 38.2

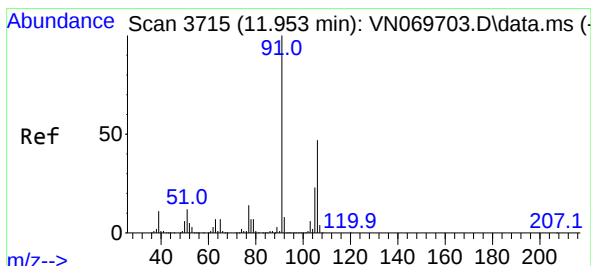
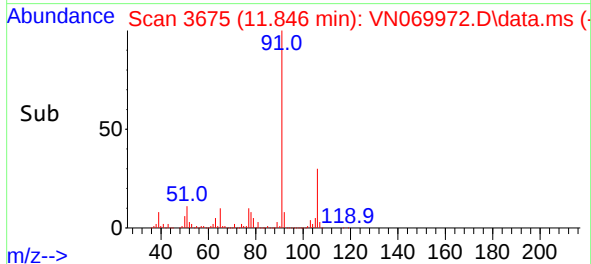
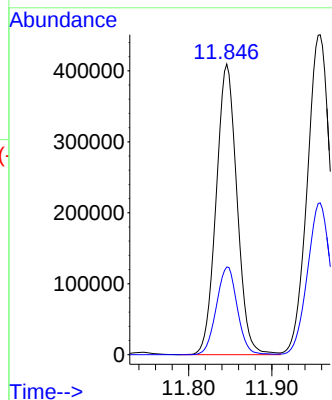
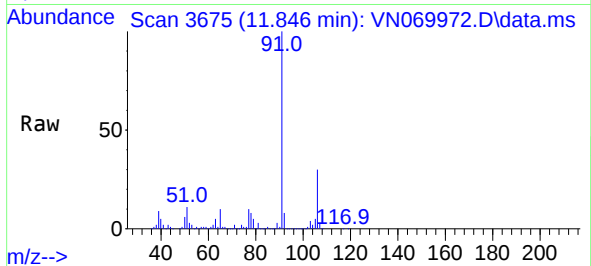




#67
Ethyl Benzene
Concen: 7.887 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

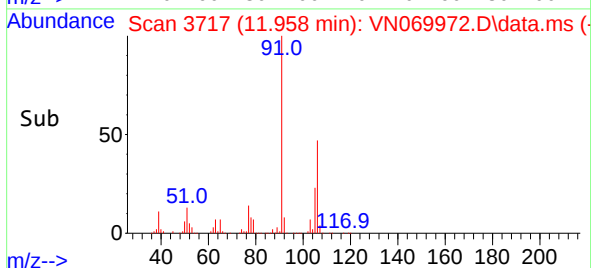
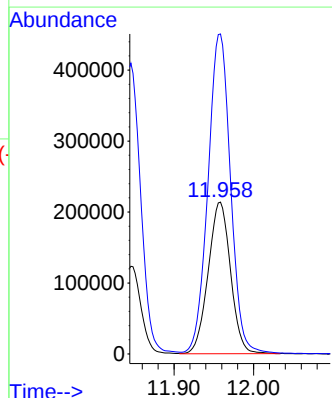
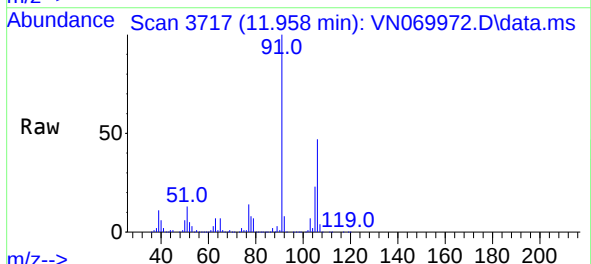
Instrument :
MSVOA_N
ClientSampleId :
MW-18

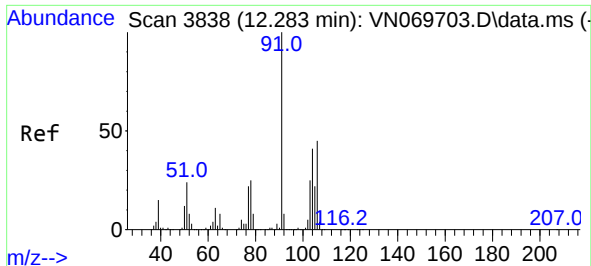
Tgt Ion: 91 Resp: 713909
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5



#68
m/p-Xylenes
Concen: 12.670 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.005 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion: 106 Resp: 417602
Ion Ratio Lower Upper
106 100
91 213.0 160.6 240.8

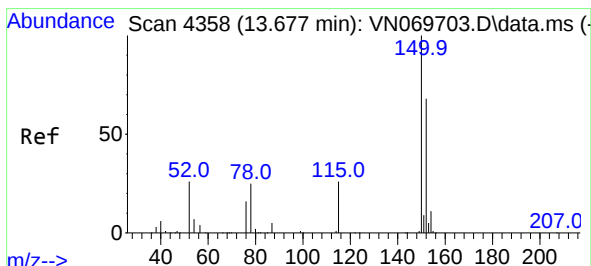
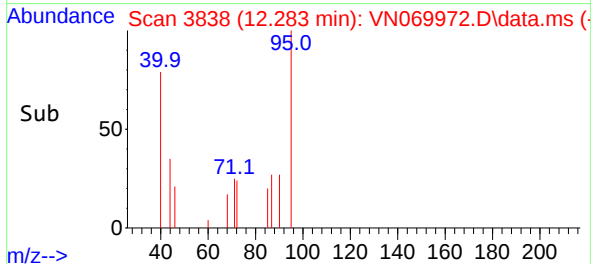
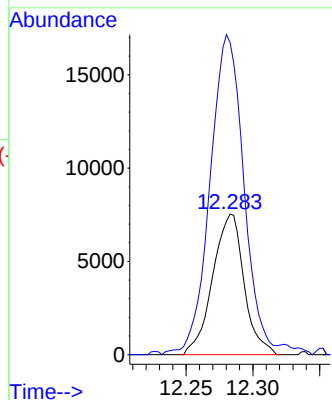
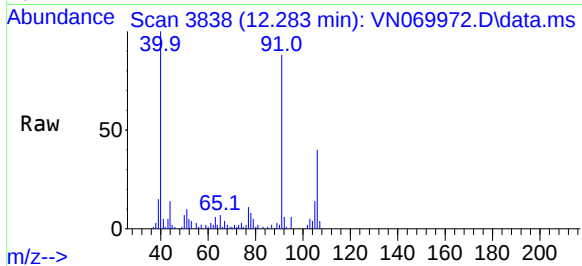




#69
o-Xylene
Concen: 0.371 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

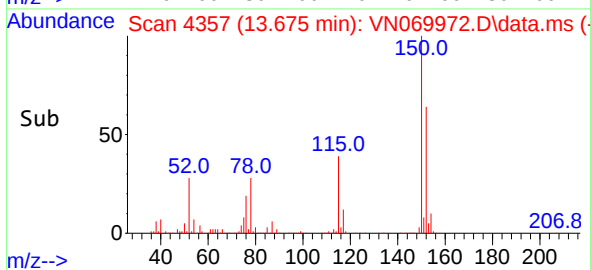
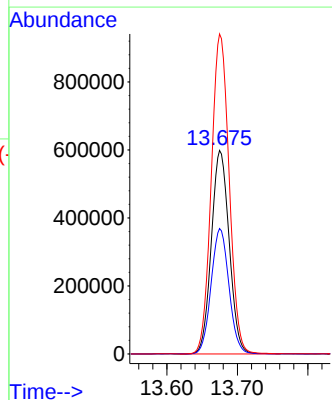
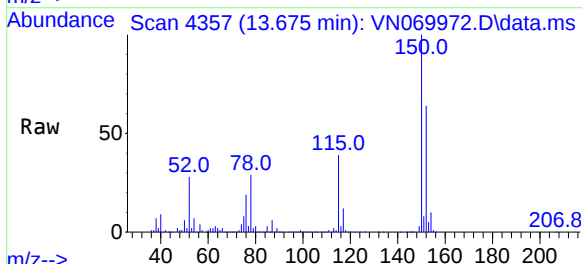
Instrument :
MSVOA_N
ClientSampleId :
MW-18

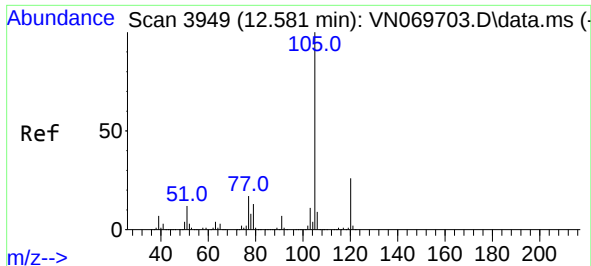
Tgt Ion:106 Resp: 12312
Ion Ratio Lower Upper
106 100
91 244.3 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion:152 Resp: 1052707
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 157.3 0.0 344.4

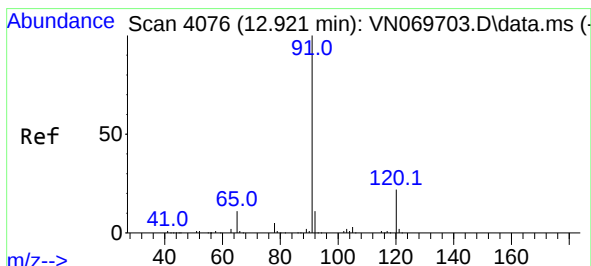
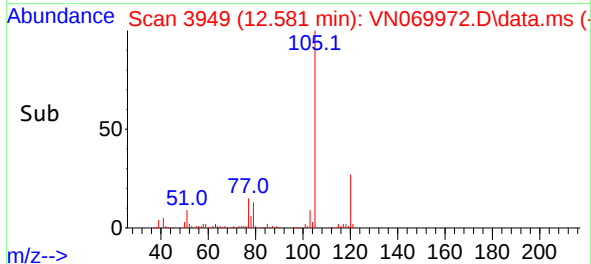
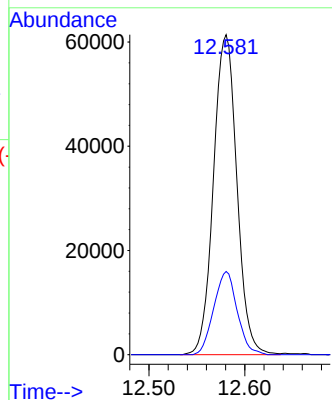
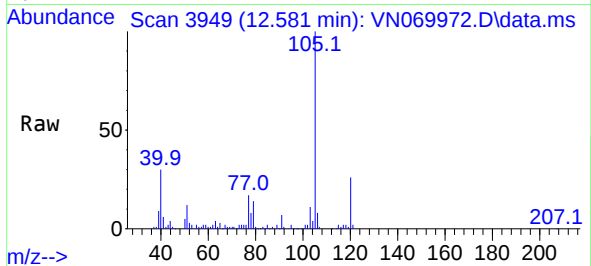




#73
Isopropylbenzene
Concen: 1.110 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

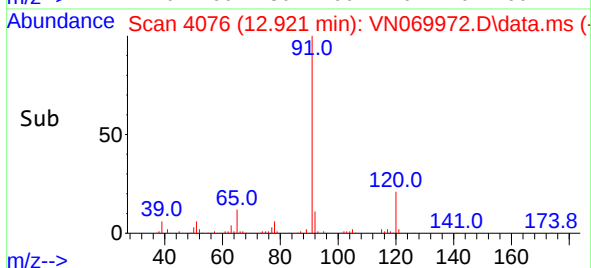
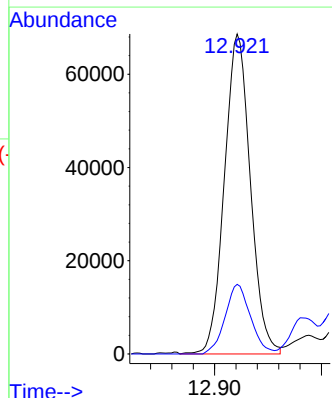
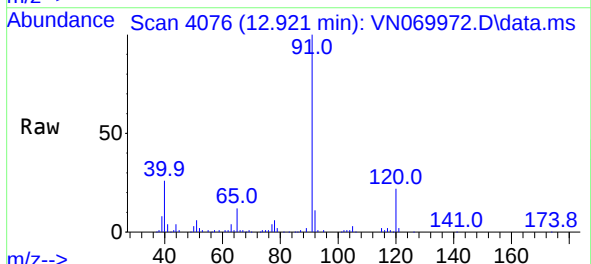
Instrument :
MSVOA_N
ClientSampleId :
MW-18

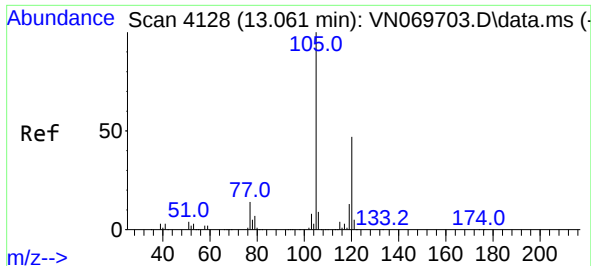
Tgt Ion:105 Resp: 103985
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#78
n-propylbenzene
Concen: 1.113 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion: 91 Resp: 116013
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9

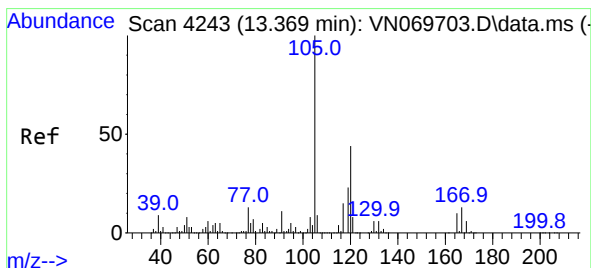
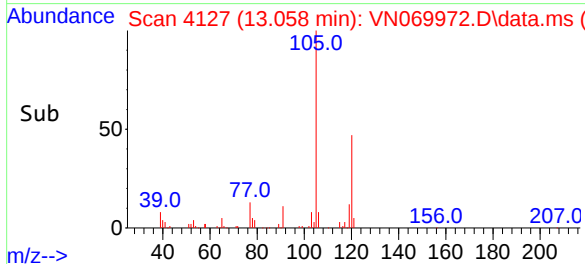
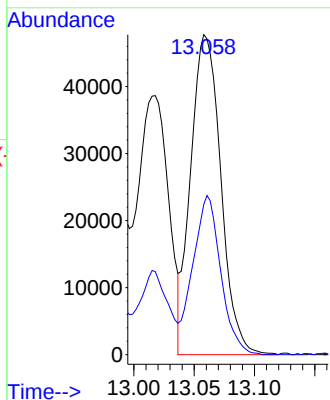
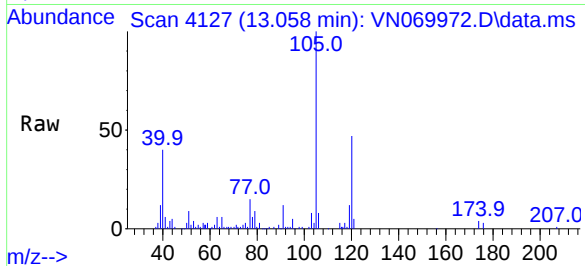




#80
1,3,5-Trimethylbenzene
Concen: 1.101 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

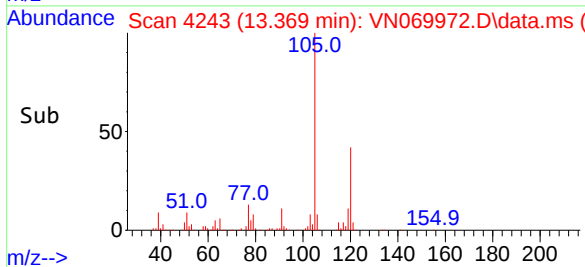
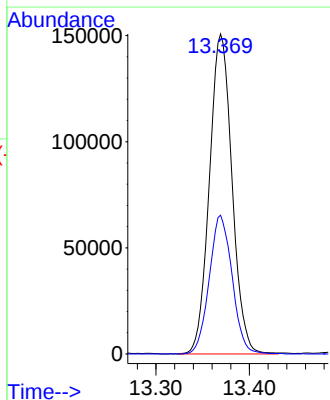
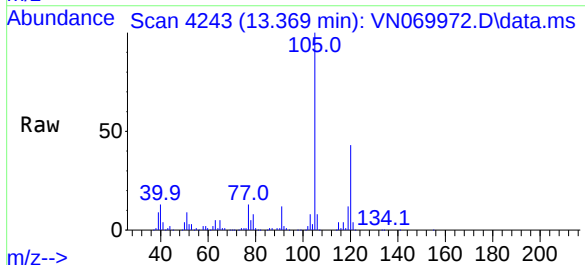
Instrument :
MSVOA_N
ClientSampleId :
MW-18

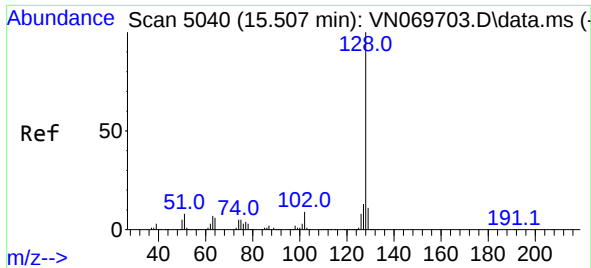
Tgt Ion:105 Resp: 82981
Ion Ratio Lower Upper
105 100
120 46.0 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 3.538 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069972.D
Acq: 10 Dec 2021 21:05

Tgt Ion:105 Resp: 254020
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#95

Naphthalene

Concen: 5.413 ug/l m

RT: 15.509 min Scan# 5041

Delta R.T. 0.002 min

Lab File: VN069972.D

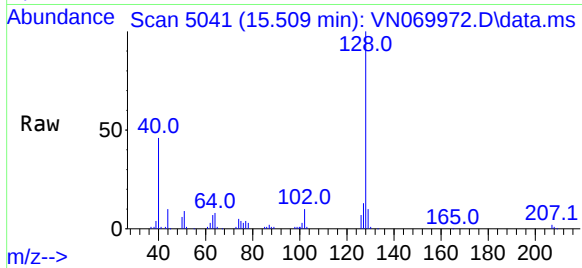
Acq: 10 Dec 2021 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-18



Tgt Ion:128 Resp: 79819

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#

