

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070318.D
 Acq On : 27 Dec 2021 19:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.18g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 28 01:42:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

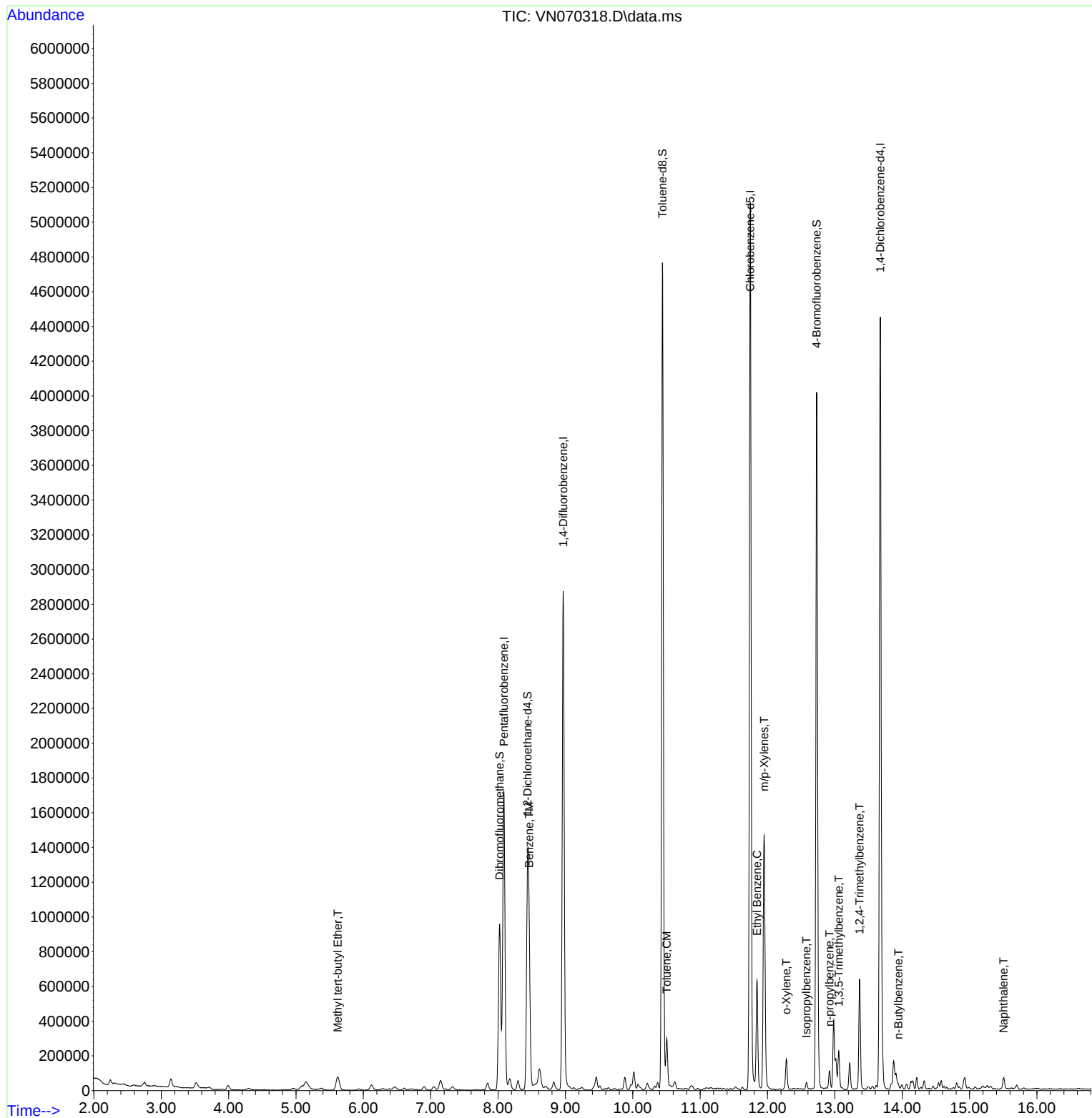
Internal Standards						
1) Pentafluorobenzene	8.086	168	1267663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2451956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2936196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1215810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	964653	52.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.86%			
35) Dibromofluoromethane	8.021	113	706927	47.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.30%			
50) Toluene-d8	10.440	98	3262416	53.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.66%			
62) 4-Bromofluorobenzene	12.731	95	1453177	66.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 132.78%			
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	5.621	73	74335	1.55	ug/l #	18
40) Benzene	8.461	78	693375	9.22	ug/l	100
52) Toluene	10.505	92	112776	2.48	ug/l	100
67) Ethyl Benzene	11.843	91	460864	4.04	ug/l	96
68) m/p-Xylenes	11.950	106	464186	11.17	ug/l	93
69) o-Xylene	12.280	106	45744	1.11	ug/l	88
73) Isopropylbenzene	12.578	105	26513	0.23	ug/l	96
78) n-propylbenzene	12.921	91	88140	0.70	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	114397	1.26	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	363375	4.17	ug/l	98
89) n-Butylbenzene	13.943	91	15904	0.22	ug/l #	73
95) Naphthalene	15.504	128	64429	2.92	ug/l	98

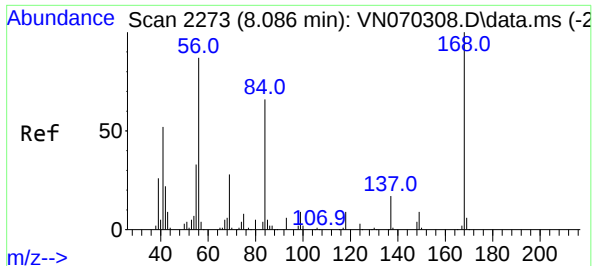
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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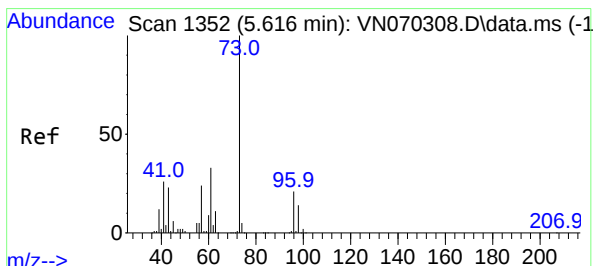
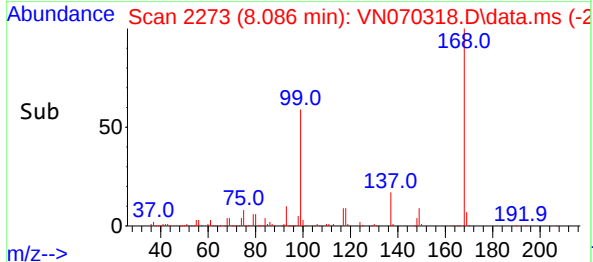
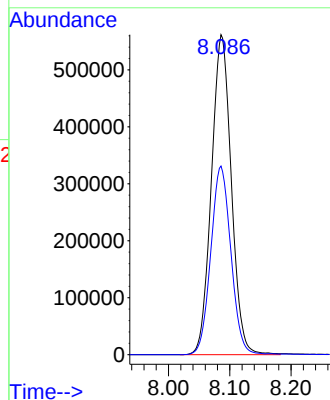
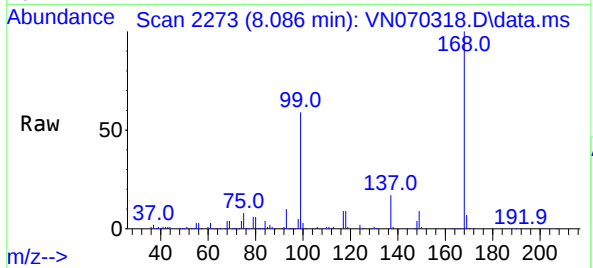




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

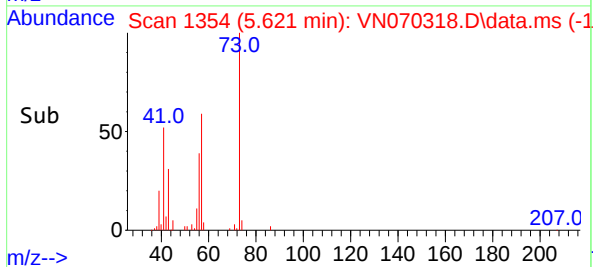
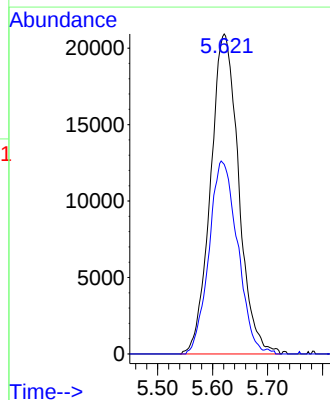
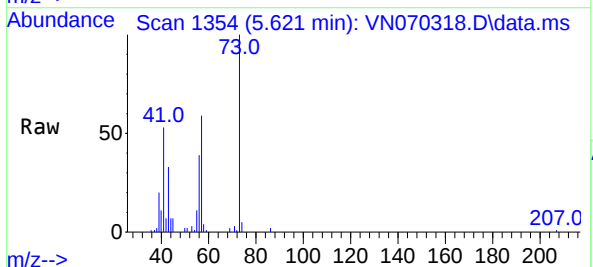
Instrument :
MSVOA_N
ClientSampleId :
IBLK

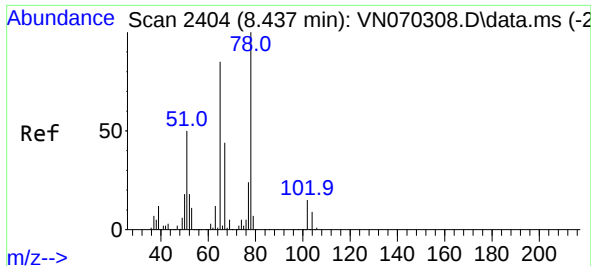
Tgt Ion:168 Resp: 1267663
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#19
Methyl tert-butyl Ether
Concen: 1.55 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.005 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion: 73 Resp: 74335
Ion Ratio Lower Upper
73 100
57 59.3 16.8 25.2#





#33

1,2-Dichloroethane-d4

Concen: 52.93 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070318.D

Acq: 27 Dec 2021 19:00

Instrument :

MSVOA_N

ClientSampleId :

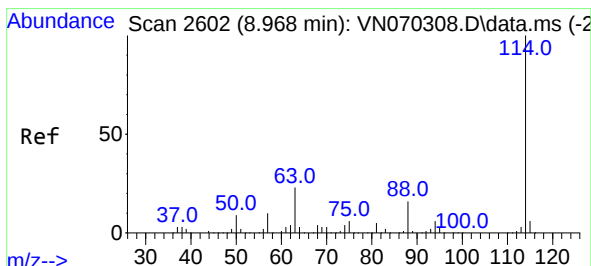
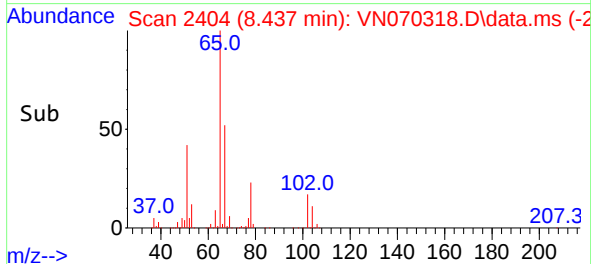
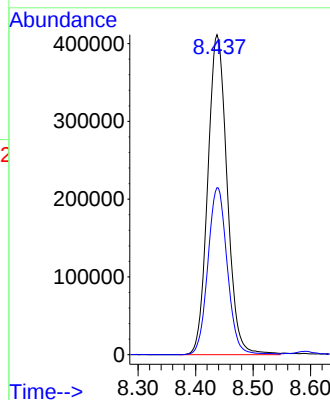
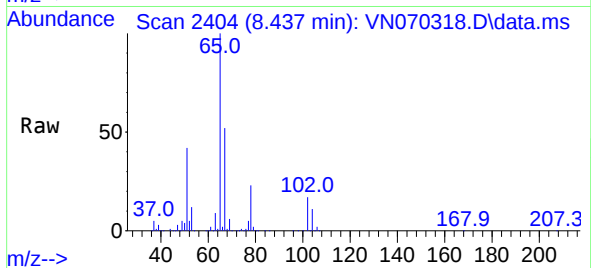
IBLK

Tgt Ion: 65 Resp: 964653

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070318.D

Acq: 27 Dec 2021 19:00

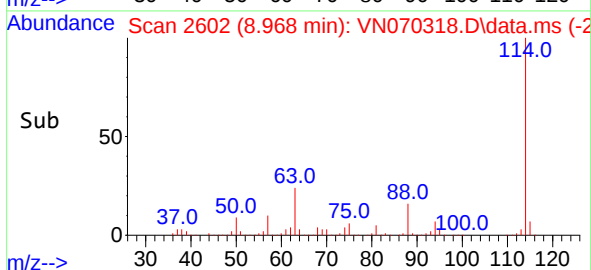
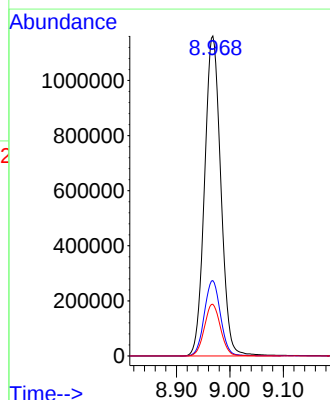
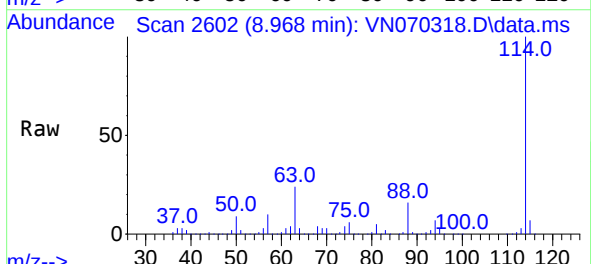
Tgt Ion: 114 Resp: 2451956

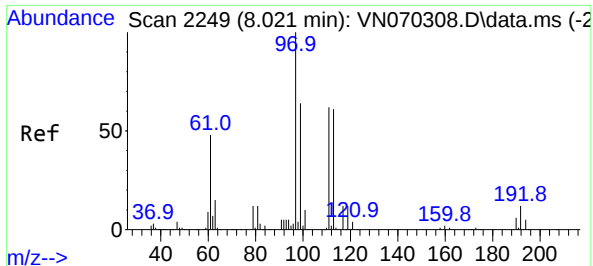
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.1 0.0 27.4

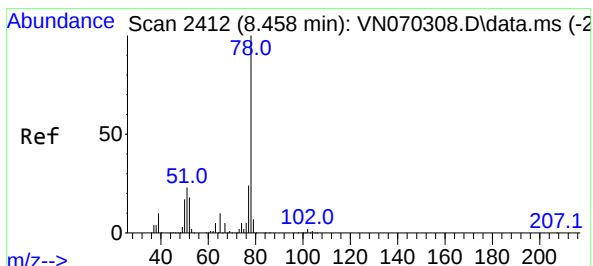
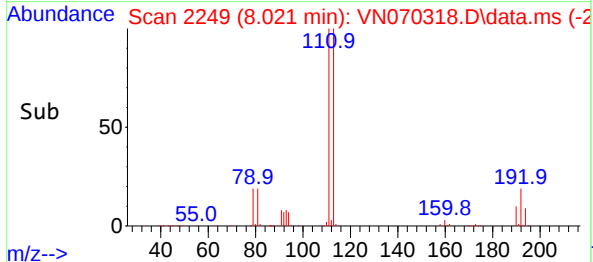
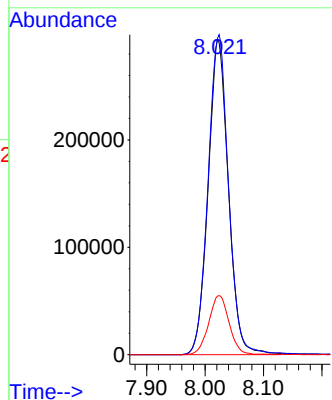
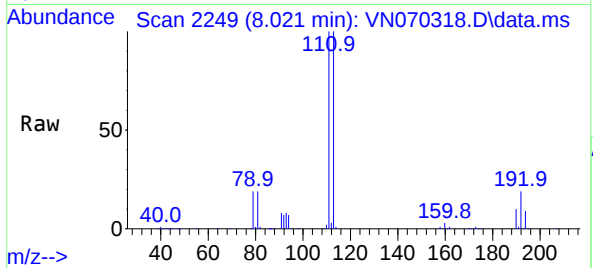




#35
Dibromofluoromethane
Concen: 47.65 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

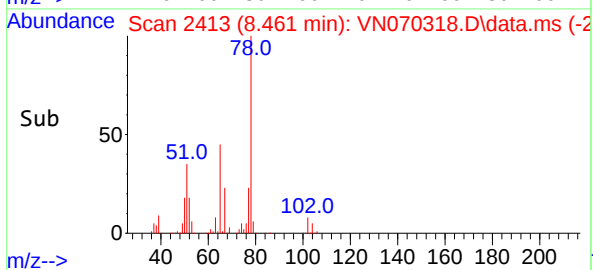
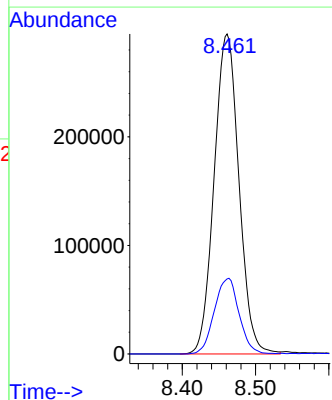
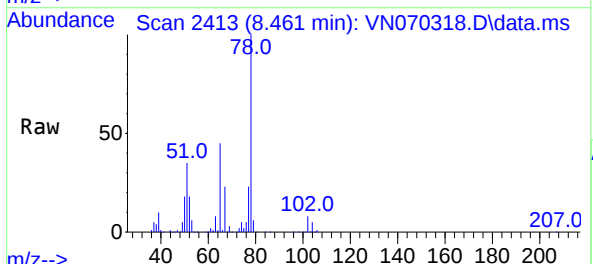
Instrument :
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IBLK

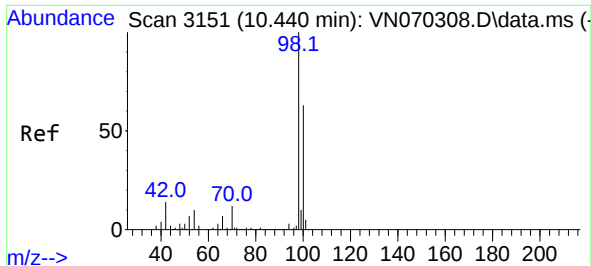
Tgt Ion:113 Resp: 706927
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.9 16.9 25.3



#40
Benzene
Concen: 9.22 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion: 78 Resp: 693375
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8

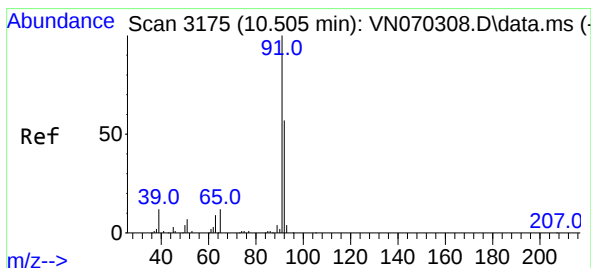
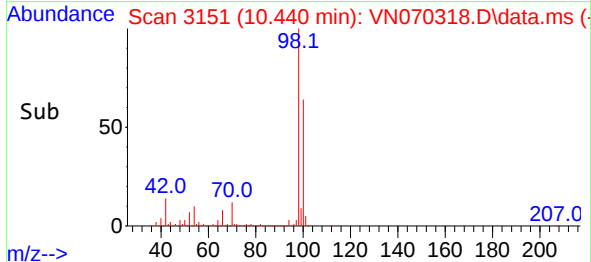
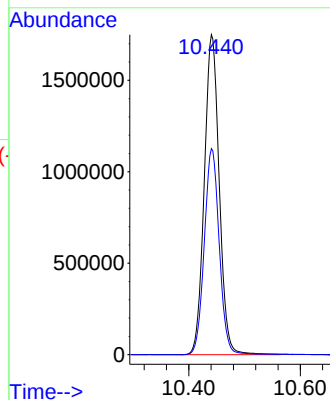
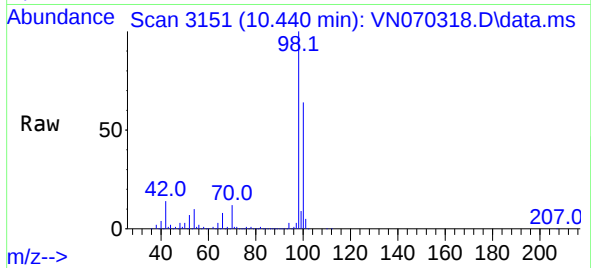




#50
Toluene-d8
Concen: 53.83 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

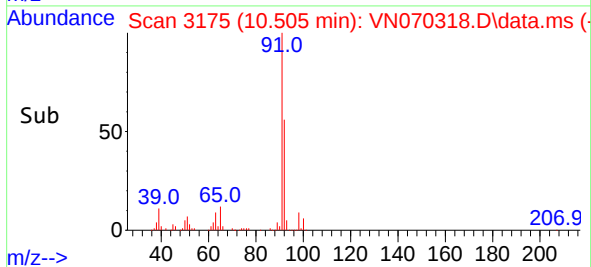
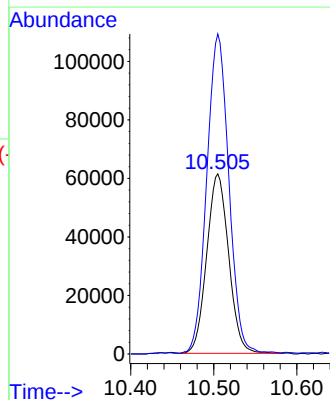
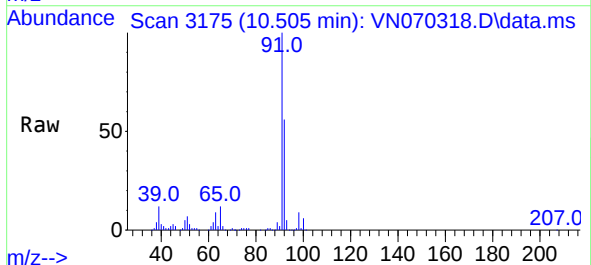
Instrument :
MSVOA_N
ClientSampleId :
IBLK

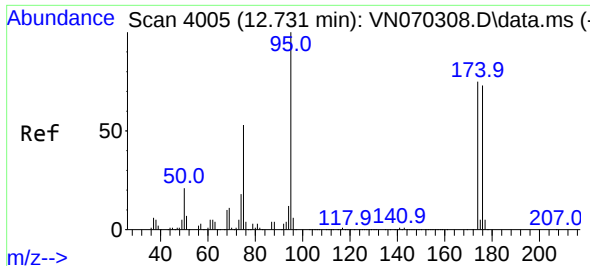
Tgt Ion: 98 Resp: 3262416
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#52
Toluene
Concen: 2.48 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion: 92 Resp: 112776
Ion Ratio Lower Upper
92 100
91 178.0 142.0 213.0

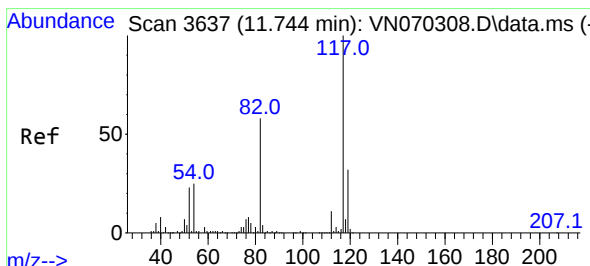
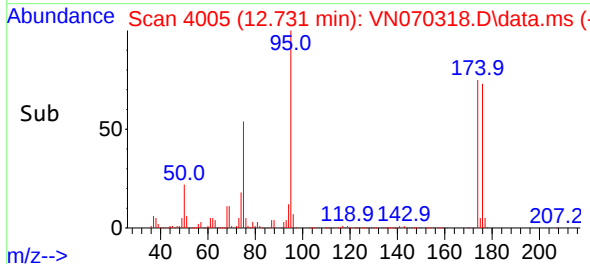
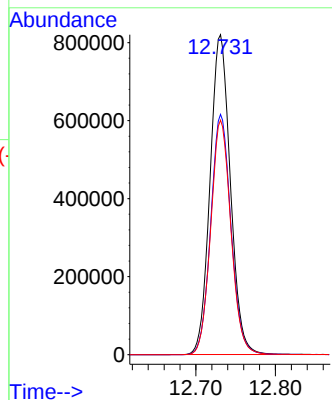
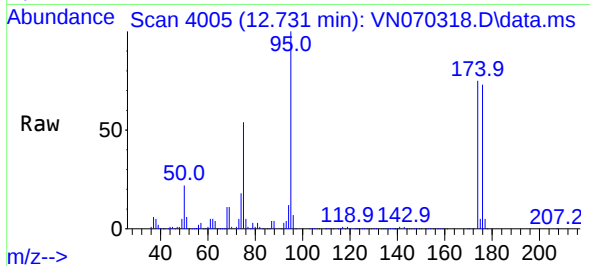




#62
4-Bromofluorobenzene
Concen: 66.39 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

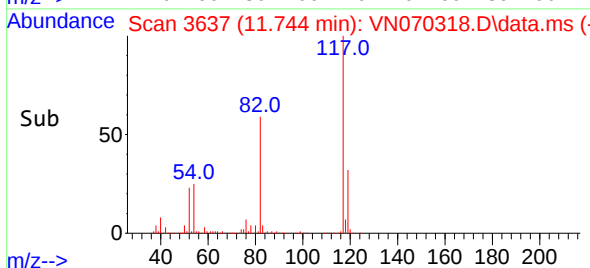
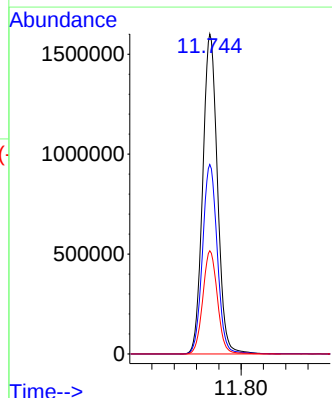
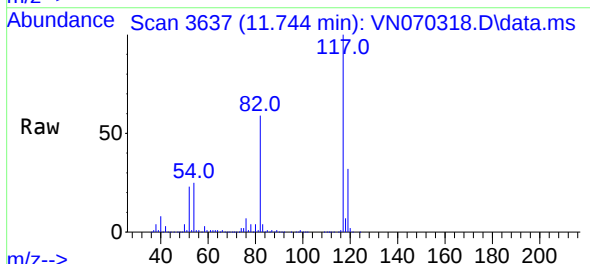
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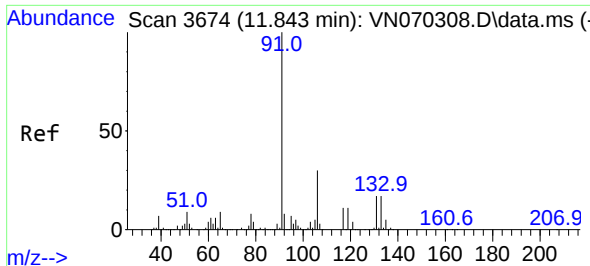
Tgt Ion: 95 Resp: 1453177
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion: 117 Resp: 2936196
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.3 25.4 38.2

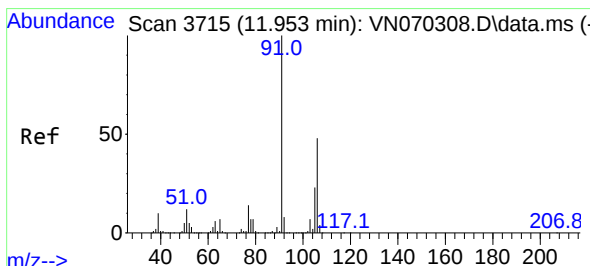
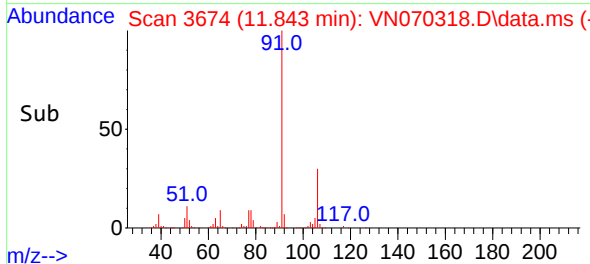
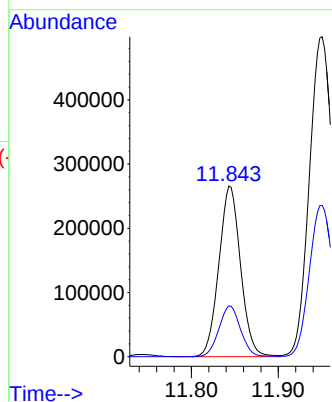
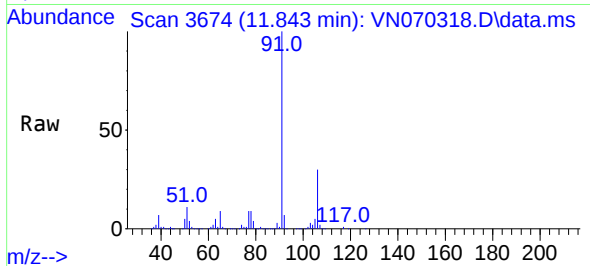




#67
Ethyl Benzene
Concen: 4.04 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

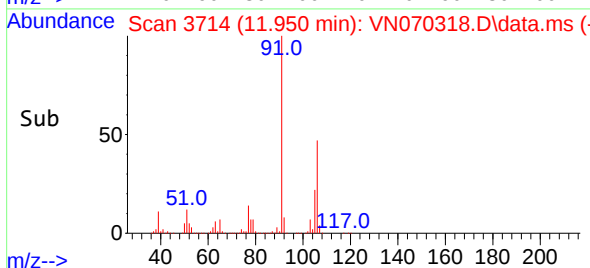
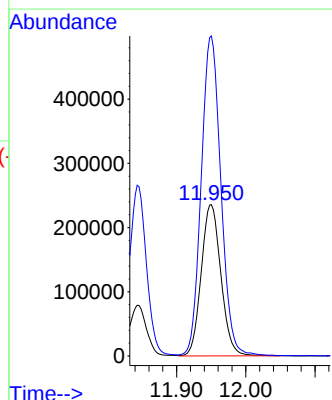
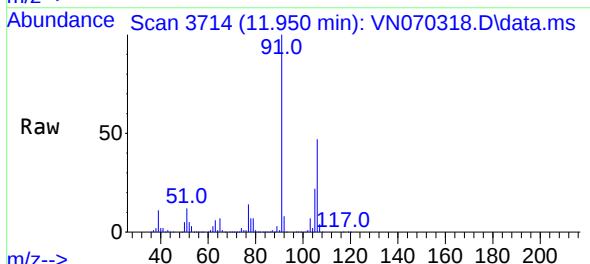
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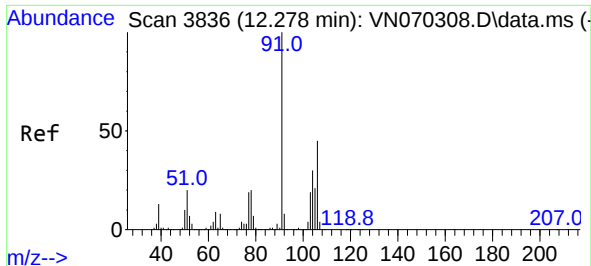
Tgt Ion: 91 Resp: 460864
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5



#68
m/p-Xylenes
Concen: 11.17 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion: 106 Resp: 464186
Ion Ratio Lower Upper
106 100
91 211.3 160.6 240.8

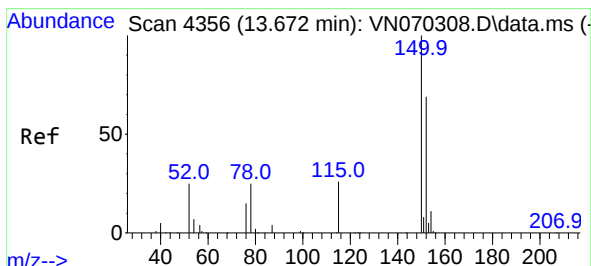
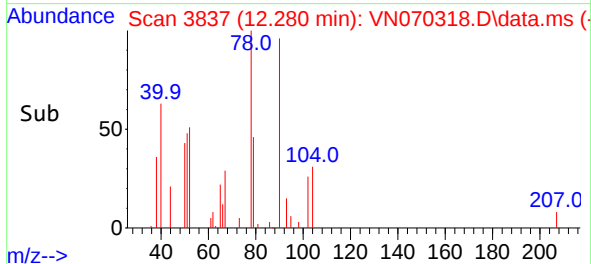
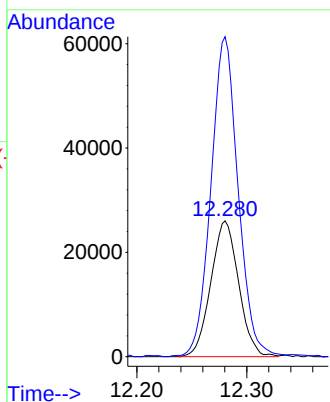
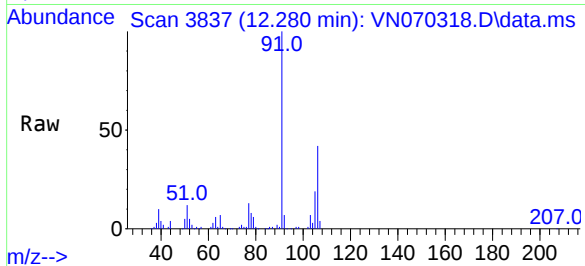




#69
o-Xylene
Concen: 1.11 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

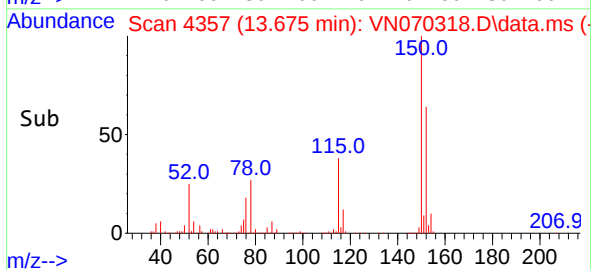
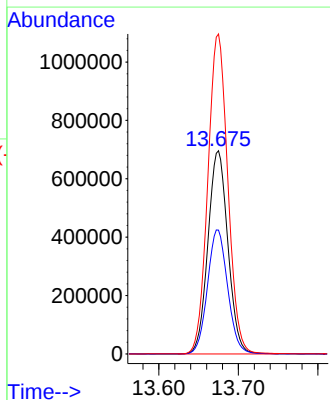
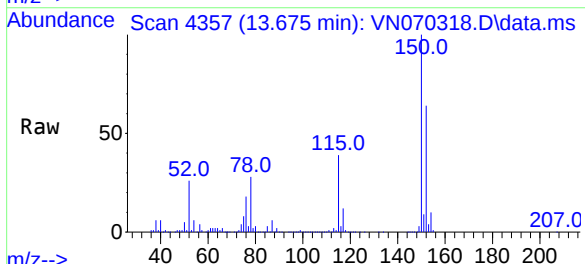
Instrument :
MSVOA_N
ClientSampleId :
IBLK

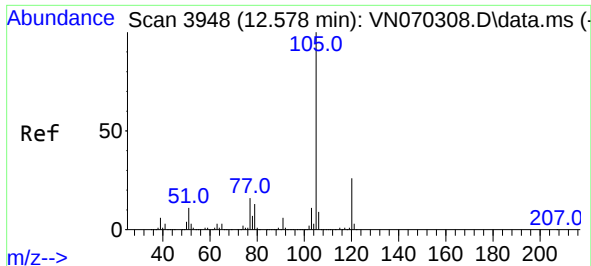
Tgt Ion:106 Resp: 45744
Ion Ratio Lower Upper
106 100
91 230.3 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion:152 Resp: 1215810
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 157.3 0.0 344.4

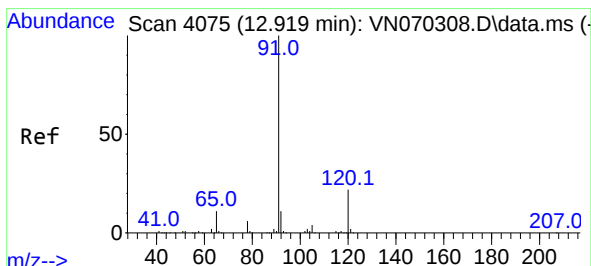
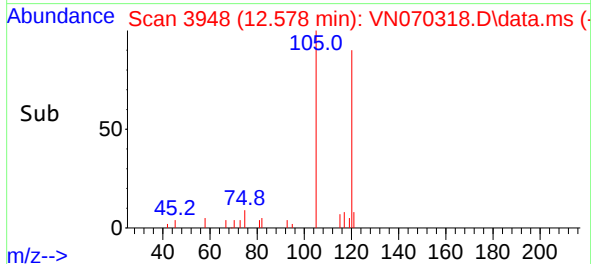
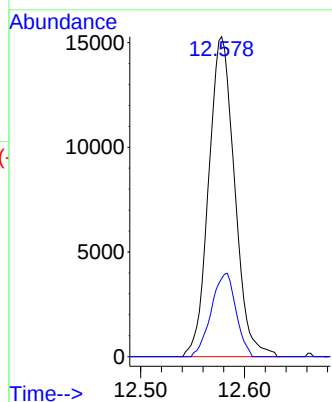
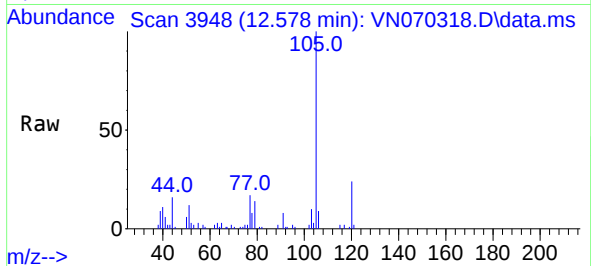




#73
Isopropylbenzene
Concen: 0.23 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

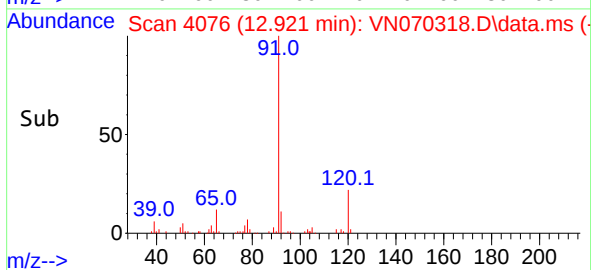
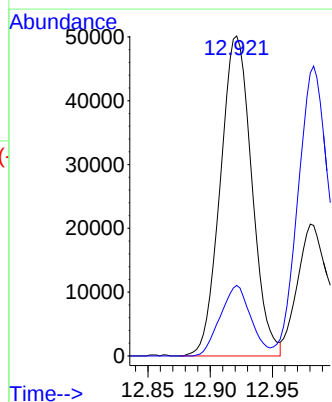
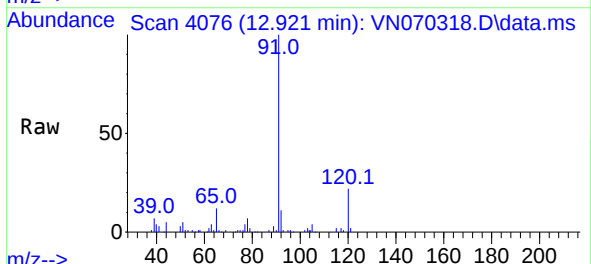
Instrument :
MSVOA_N
ClientSampleId :
IBLK

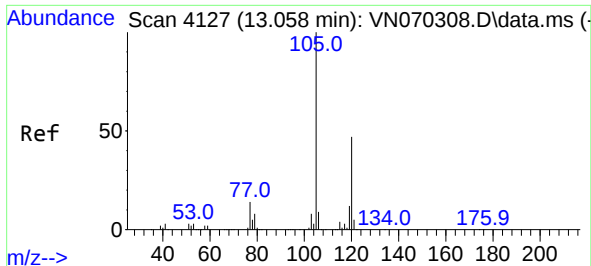
Tgt Ion:105 Resp: 26513
Ion Ratio Lower Upper
105 100
120 24.7 13.4 40.1



#78
n-propylbenzene
Concen: 0.70 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion: 91 Resp: 88140
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9

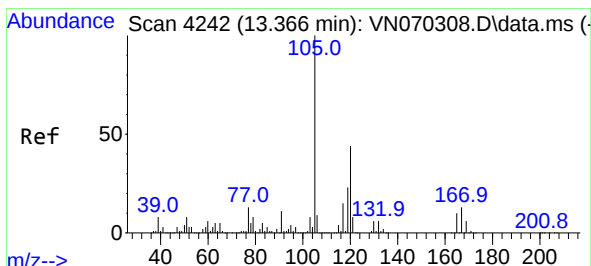
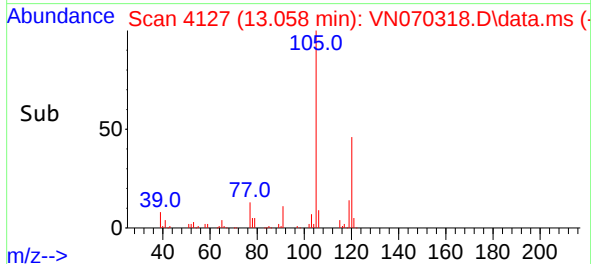
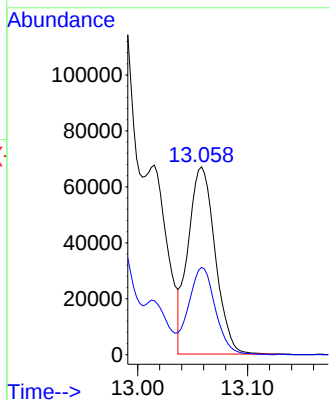
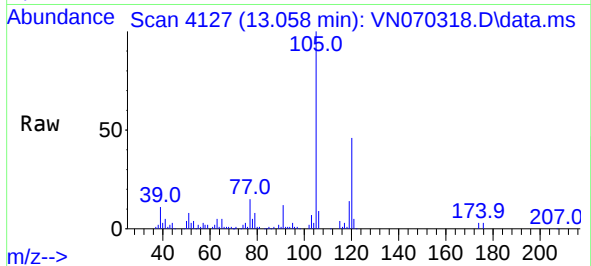




#80
1,3,5-Trimethylbenzene
Concen: 1.26 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

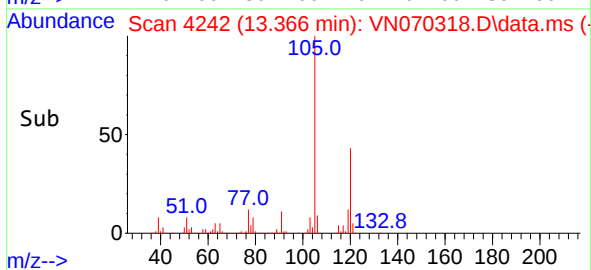
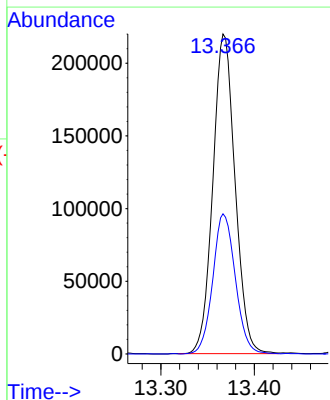
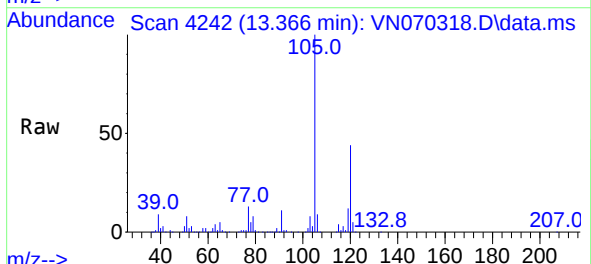
Instrument :
MSVOA_N
ClientSampleId :
IBLK

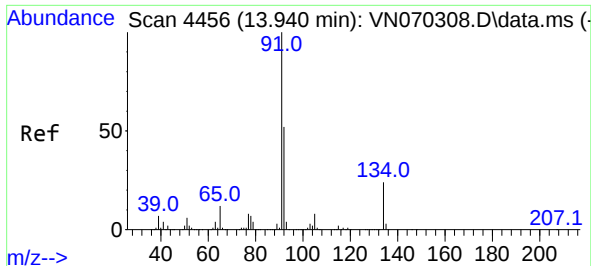
Tgt Ion:105 Resp: 114397
Ion Ratio Lower Upper
105 100
120 45.6 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 4.17 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion:105 Resp: 363375
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4

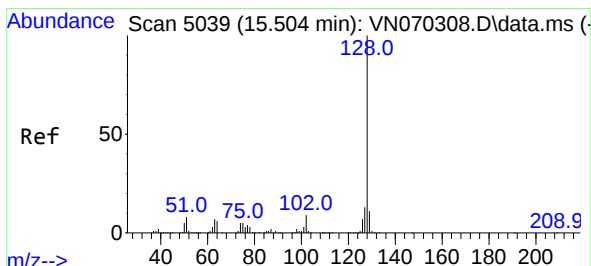
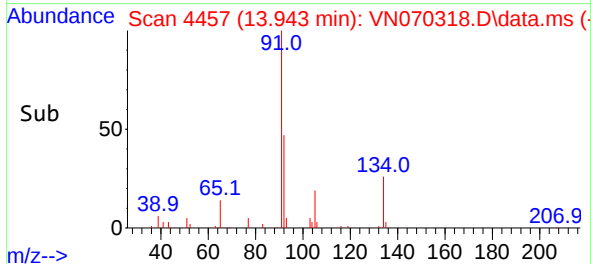
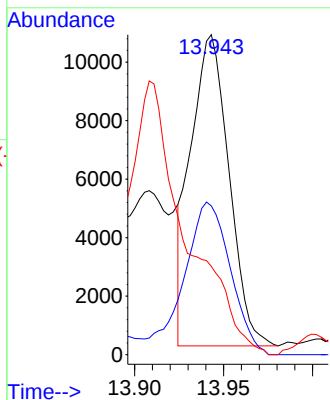
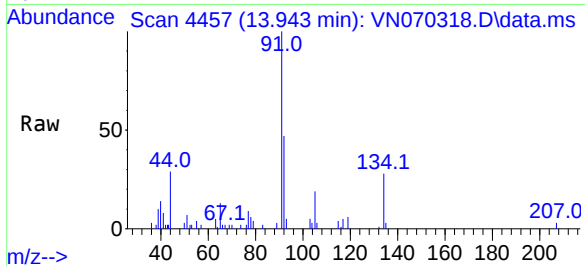




#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 15904
Ion Ratio Lower Upper
91 100
92 59.6 25.4 76.0
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 2.92 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070318.D
Acq: 27 Dec 2021 19:00

Tgt Ion:128 Resp: 64429
Ion Ratio Lower Upper
128 100
127 11.9 10.5 15.7
129 11.1 8.7 13.1

