

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070246.D
 Acq On : 20 Dec 2021 17:35
 Operator : JC/MD
 Sample : M5044-19
 Misc : 6.60g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-19-5.0

Quant Time: Dec 21 04:04:47 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)

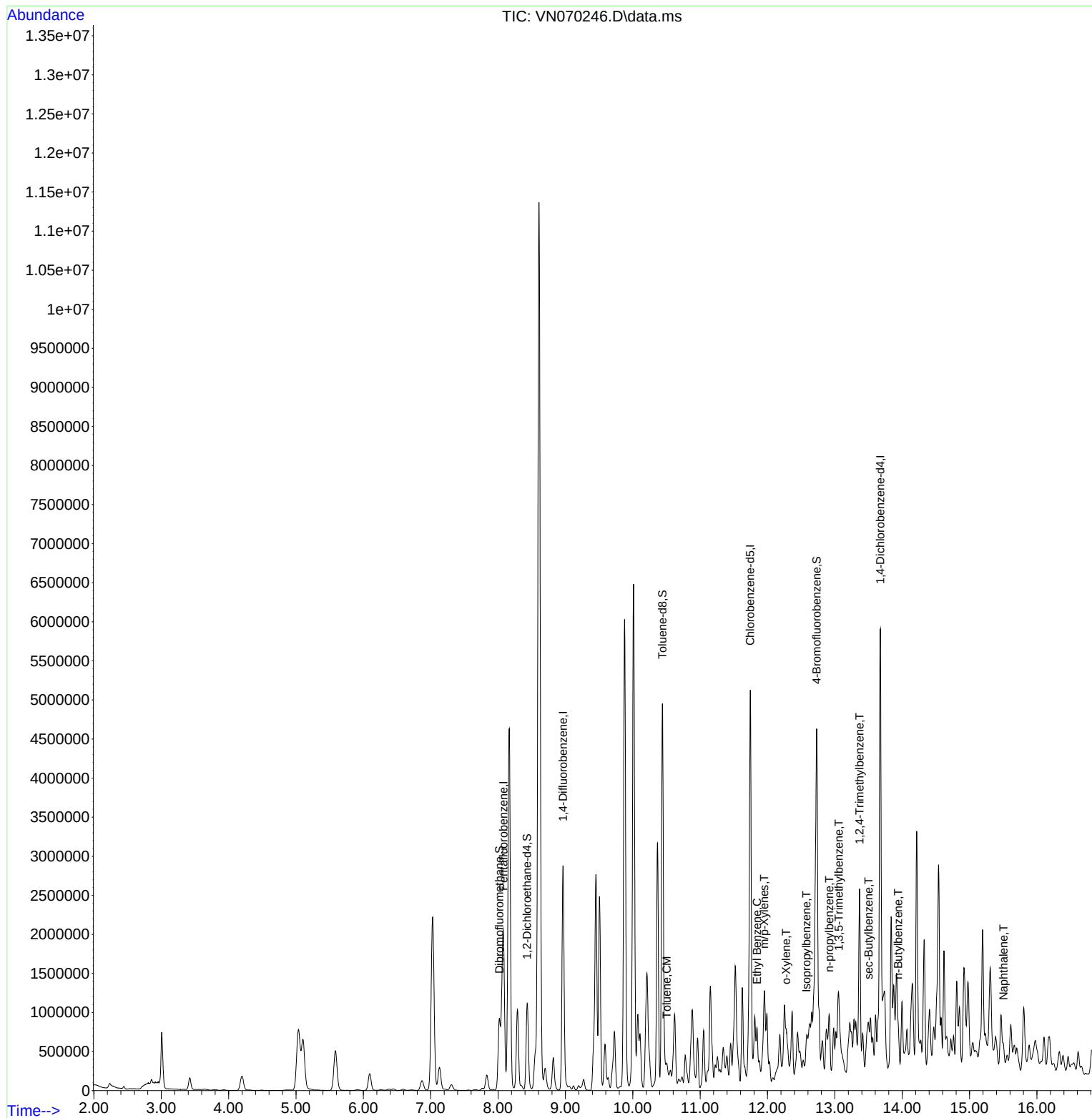
Internal Standards						
1) Pentafluorobenzene	8.080	168	1275434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2360578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2627929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1360718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	966952	49.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.20%
35) Dibromofluoromethane	8.019	113	652952	44.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.32%
50) Toluene-d8	10.440	98	3084137	51.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.90%
62) 4-Bromofluorobenzene	12.731	95	1429148	66.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	132.88%
Target Compounds						
					Qvalue	
52) Toluene	10.502	92	112901	2.69	ug/l	96
67) Ethyl Benzene	11.846	91	311060	3.21	ug/l	95
68) m/p-Xylenes	11.950	106	210762	5.98	ug/l	91
69) o-Xylene	12.278	106	93673	2.64	ug/l	88
73) Isopropylbenzene	12.578	105	270479	2.23	ug/l	98
78) n-propylbenzene	12.919	91	483028	3.59	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	232632	2.39	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	1285563	13.85	ug/l	97
85) sec-Butylbenzene	13.501	105	271124	2.32	ug/l #	58
89) n-Butylbenzene	13.940	91	378155	5.10	ug/l #	70
95) Naphthalene	15.504	128	220941	7.04	ug/l #	95

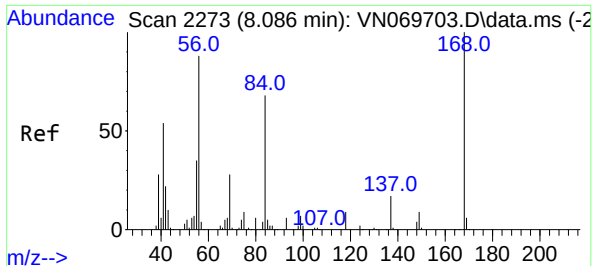
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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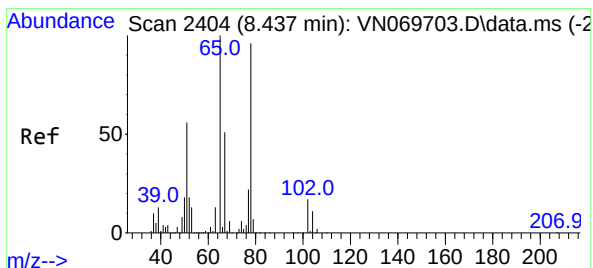
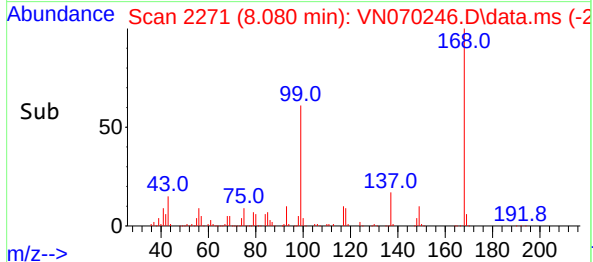
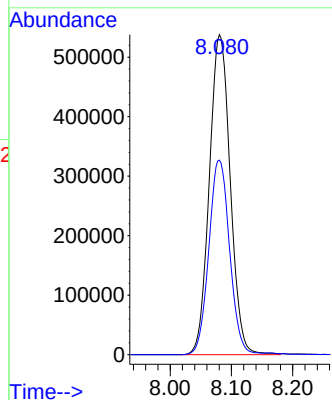
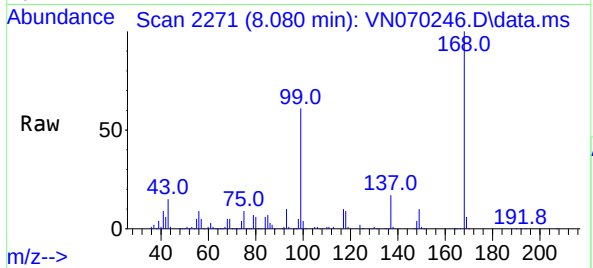




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

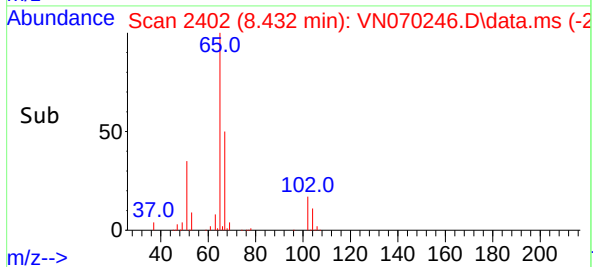
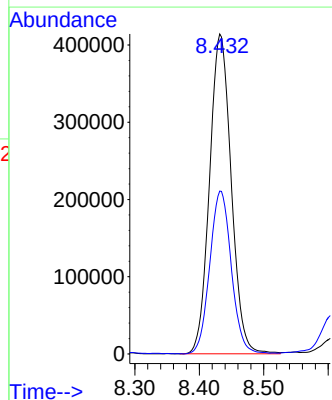
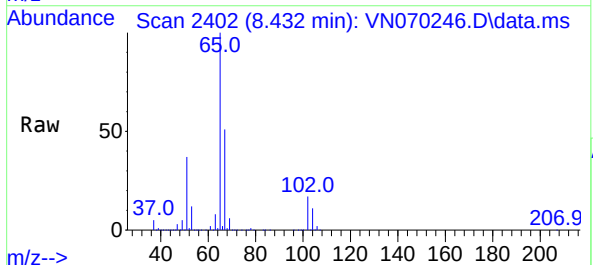
Instrument :
MSVOA_N
ClientSampleId :
DA-19-5.0

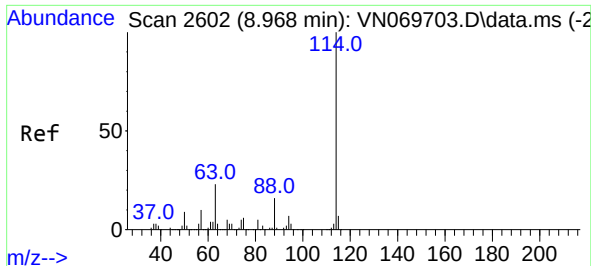
Tgt Ion:168 Resp: 1275434
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 49.10 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 65 Resp: 966952
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

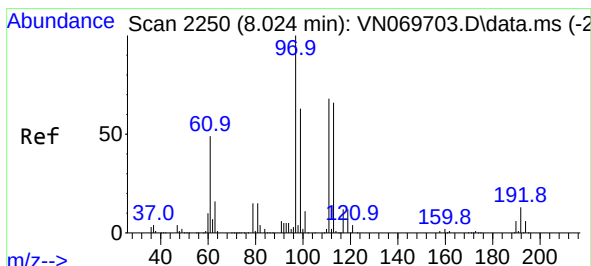
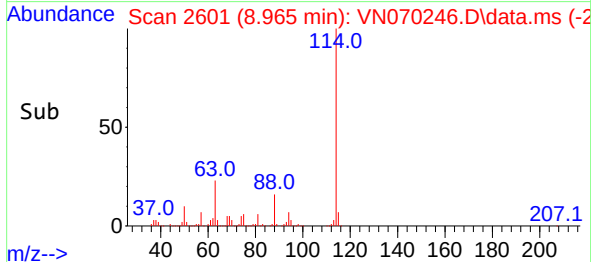
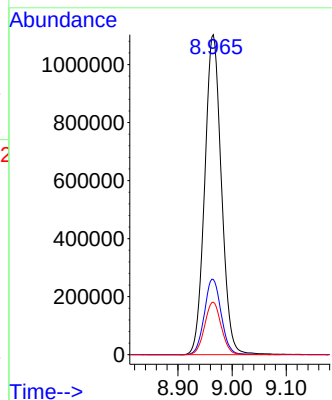
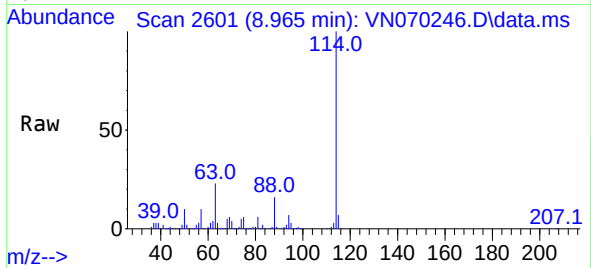




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

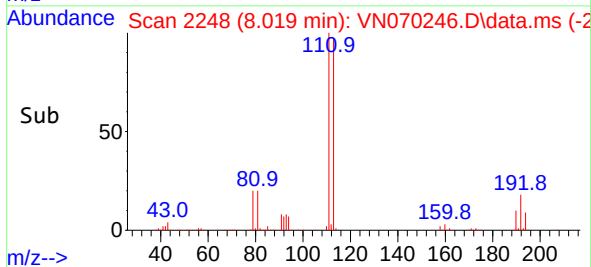
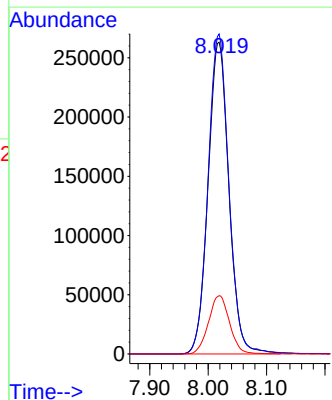
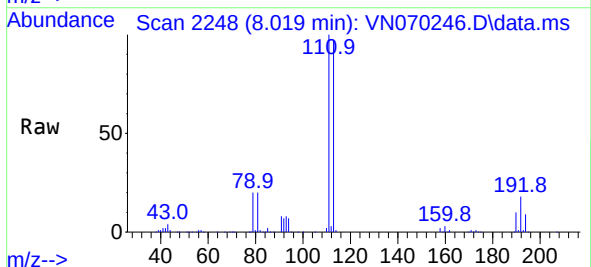
Instrument :
MSVOA_N
ClientSampleId :
DA-19-5.0

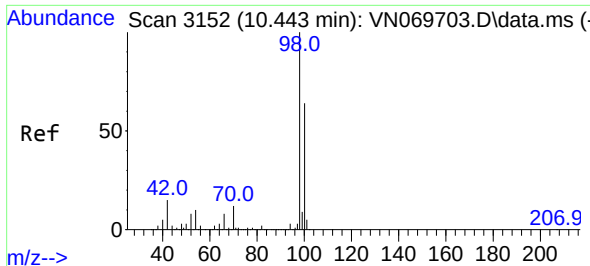
Tgt Ion:114 Resp: 2360578
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 44.16 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion:113 Resp: 652952
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.9 16.9 25.3

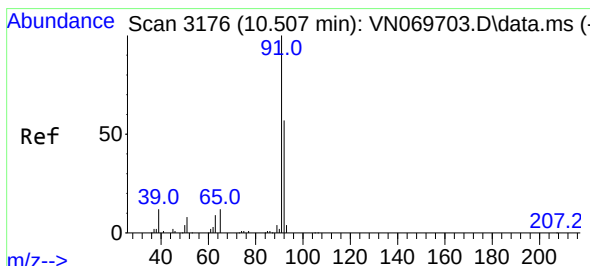
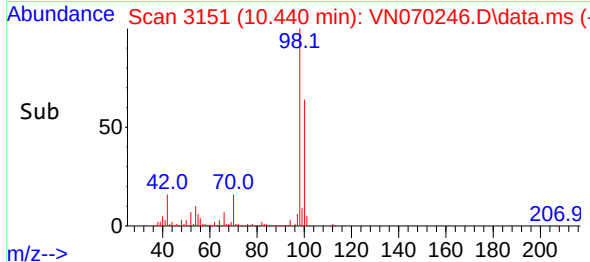
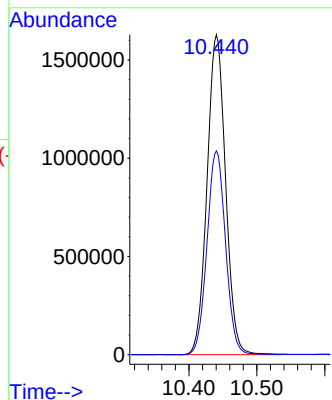
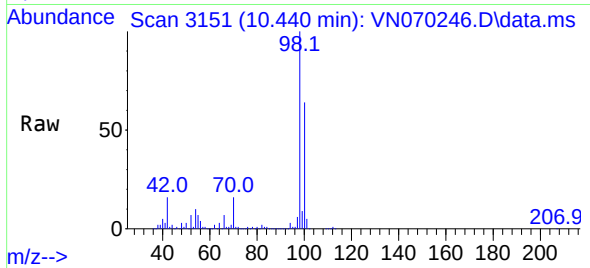




#50
Toluene-d8
Concen: 51.95 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

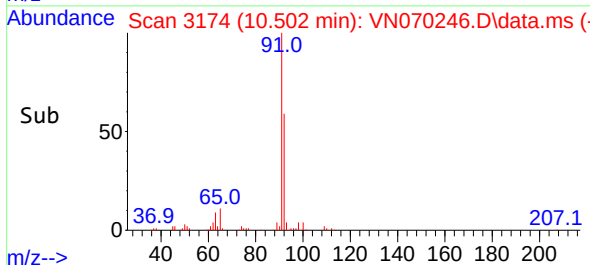
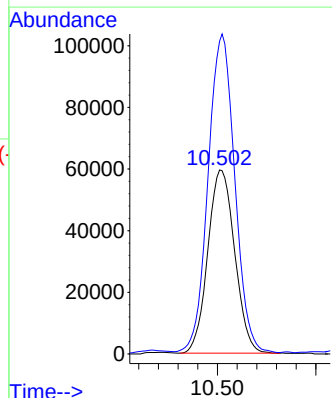
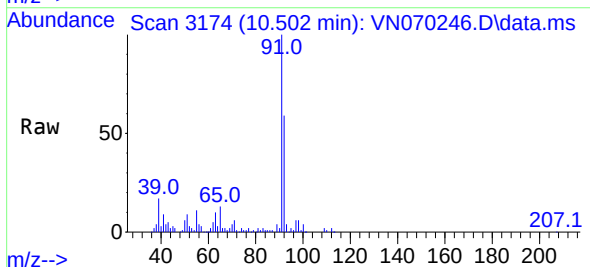
Instrument :
MSVOA_N
ClientSampleId :
DA-19-5.0

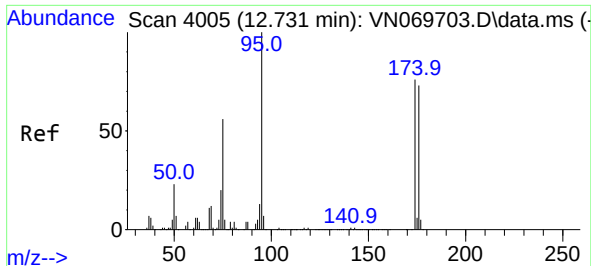
Tgt Ion: 98 Resp: 3084137
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#52
Toluene
Concen: 2.69 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.005 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 92 Resp: 112901
Ion Ratio Lower Upper
92 100
91 172.3 142.0 213.0

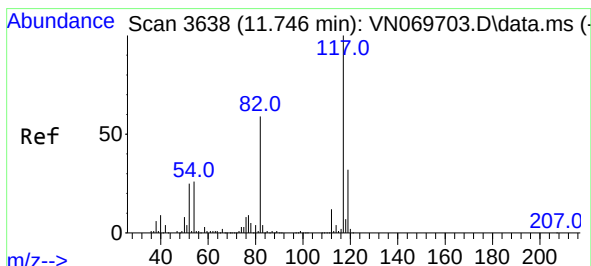
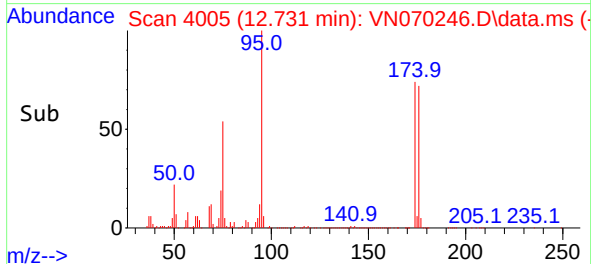
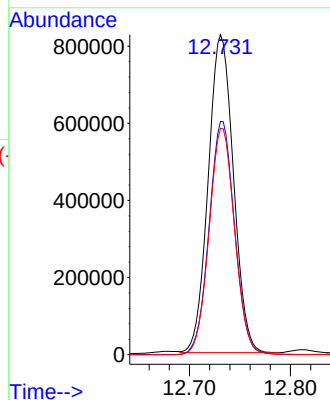
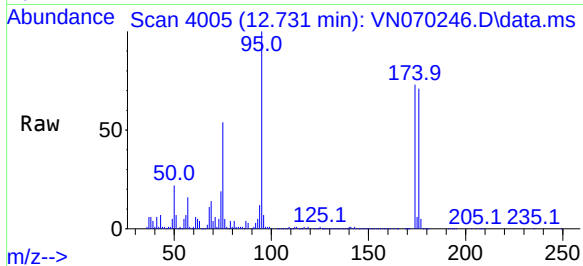




#62
4-Bromofluorobenzene
Concen: 66.44 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

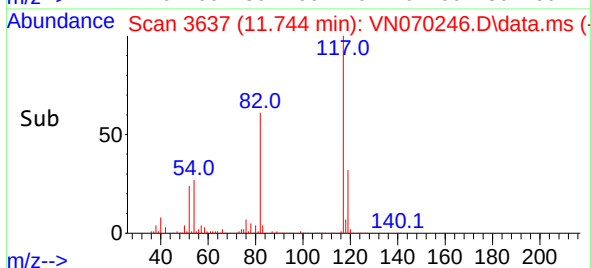
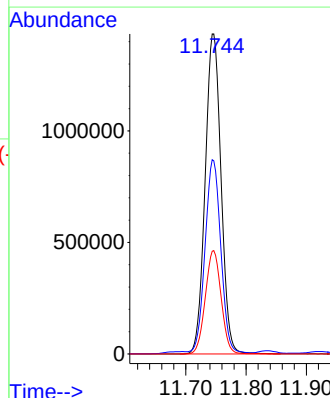
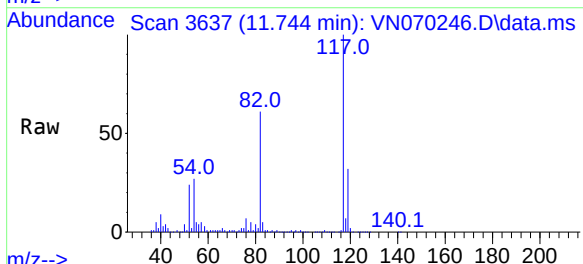
Instrument :
MSVOA_N
ClientSampleId :
DA-19-5.0

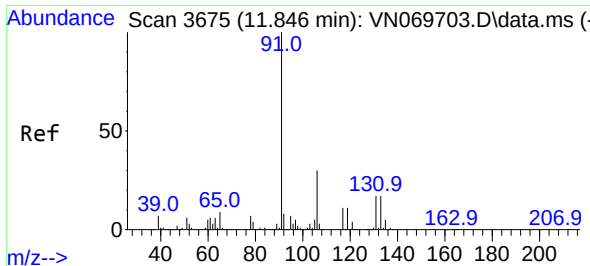
Tgt Ion: 95 Resp: 1429148
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 117 Resp: 2627929
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 32.1 25.4 38.2

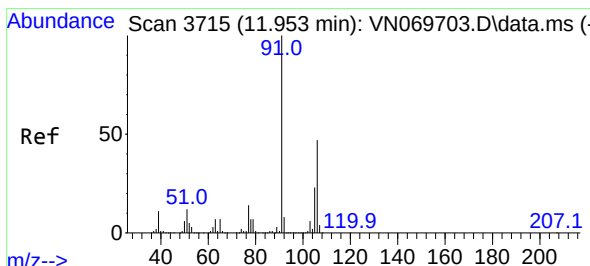
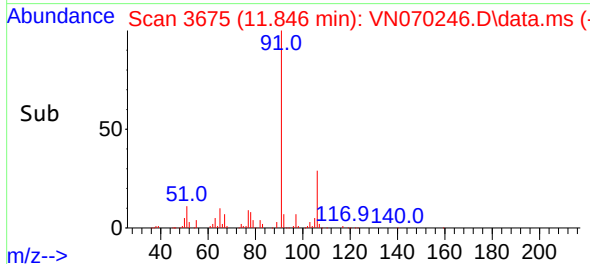
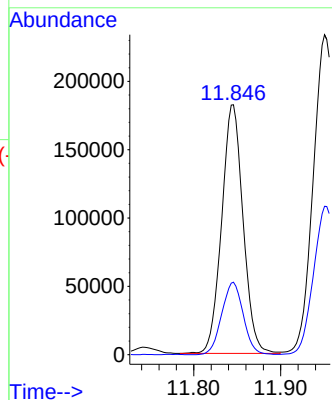
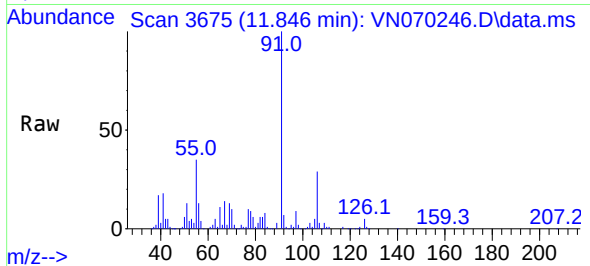




#67
Ethyl Benzene
Concen: 3.21 ug/l
RT: 11.846 min Scan# 307
Delta R.T. 0.000 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

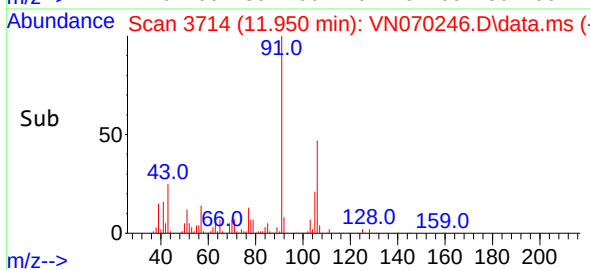
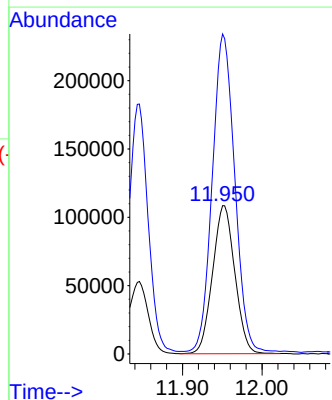
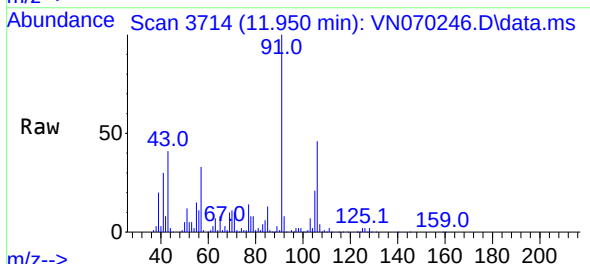
Instrument :
MSVOA_N
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DA-19-5.0

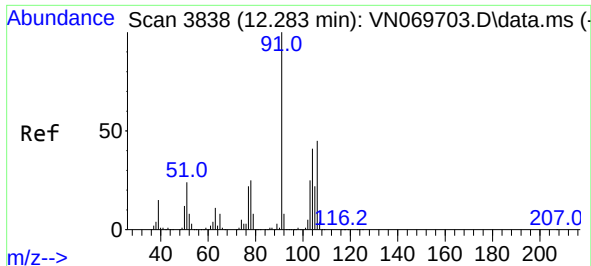
Tgt Ion: 91 Resp: 311060
Ion Ratio Lower Upper
91 100
106 29.1 25.7 38.5



#68
m/p-Xylenes
Concen: 5.98 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion:106 Resp: 210762
Ion Ratio Lower Upper
106 100
91 215.0 160.6 240.8

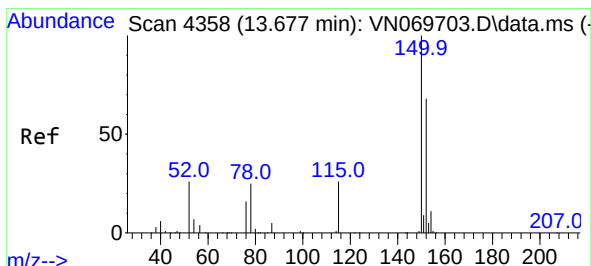
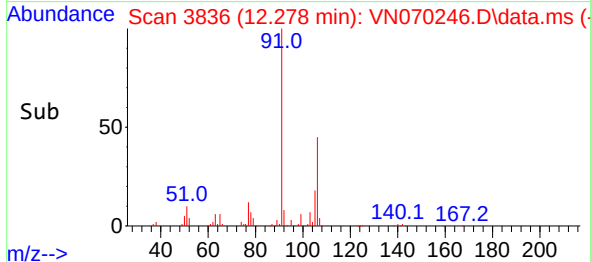
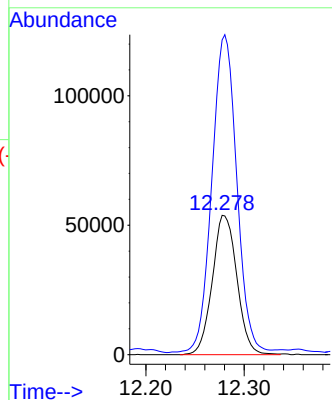
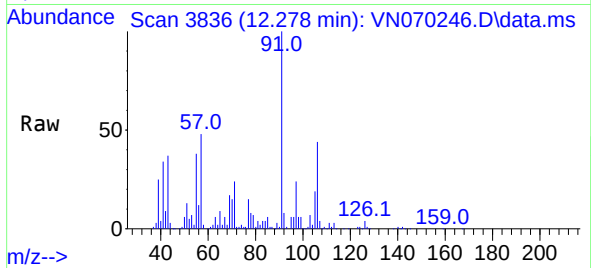




#69
o-Xylene
Concen: 2.64 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

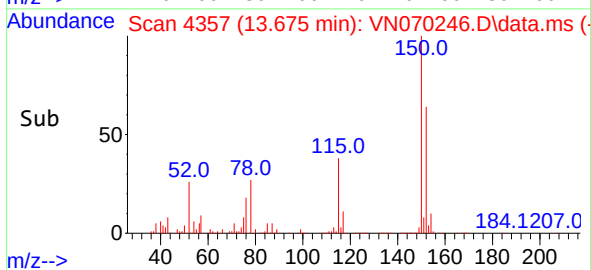
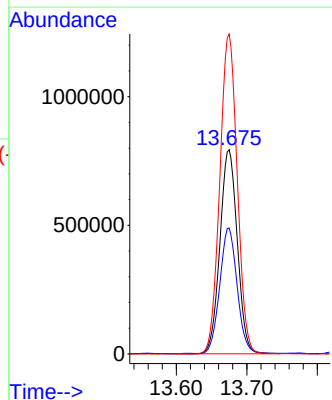
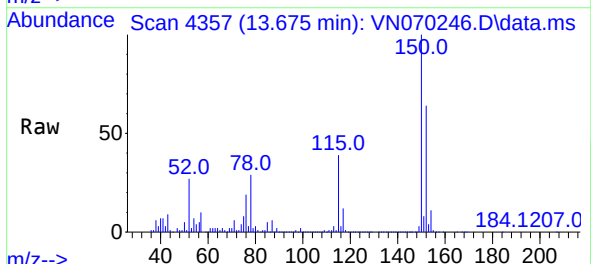
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MSVOA_N
ClientSampleId :
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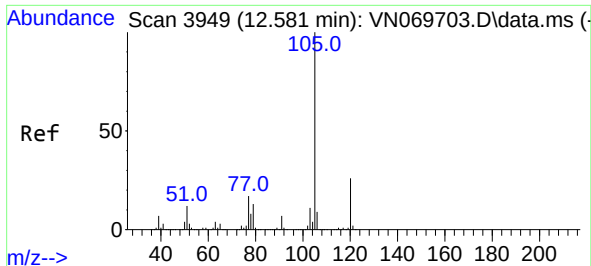
Tgt Ion:106 Resp: 93673
Ion Ratio Lower Upper
106 100
91 229.9 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion:152 Resp: 1360718
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 157.0 0.0 344.4

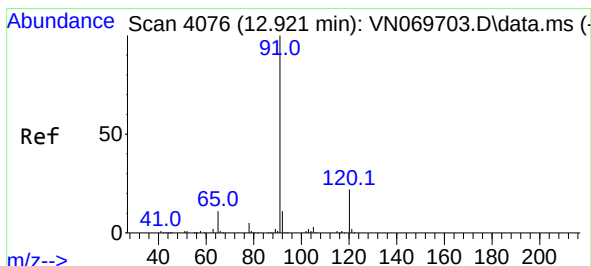
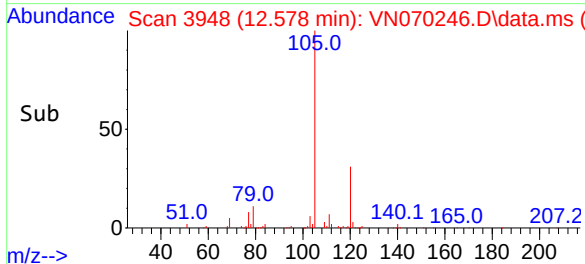
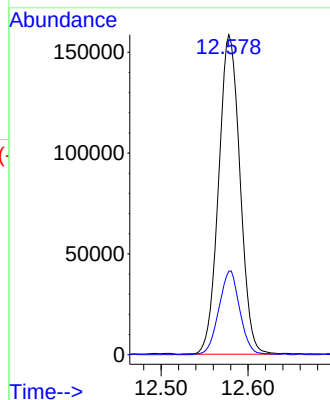
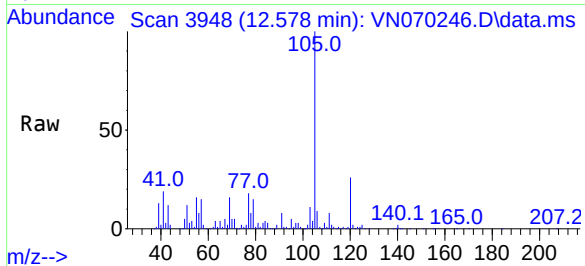




#73
Isopropylbenzene
Concen: 2.23 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

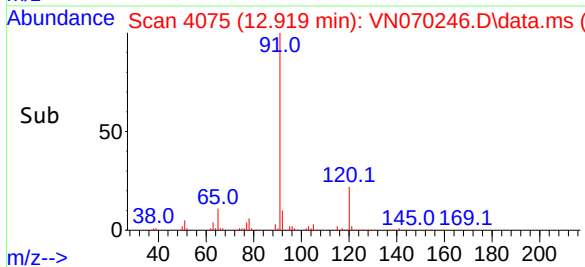
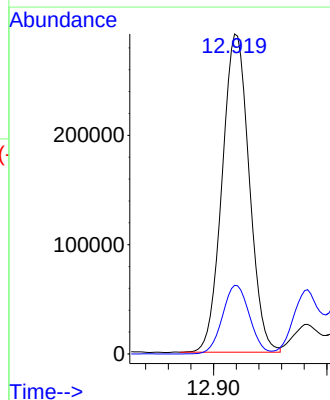
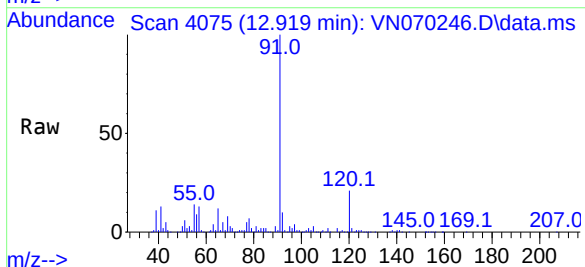
Instrument :
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DA-19-5.0

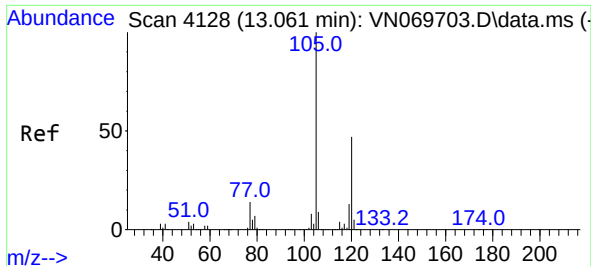
Tgt Ion:105 Resp: 270479
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#78
n-propylbenzene
Concen: 3.59 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 91 Resp: 483028
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

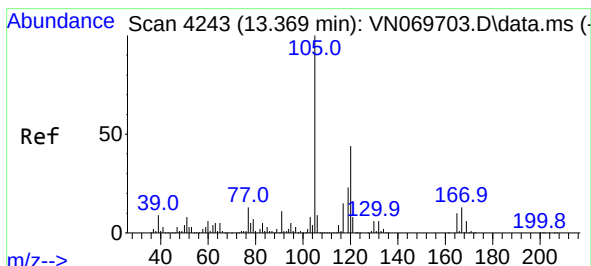
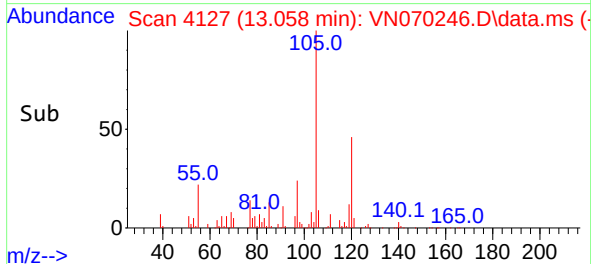
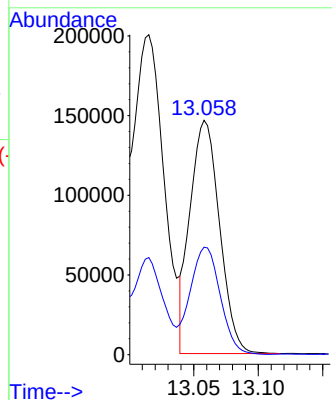
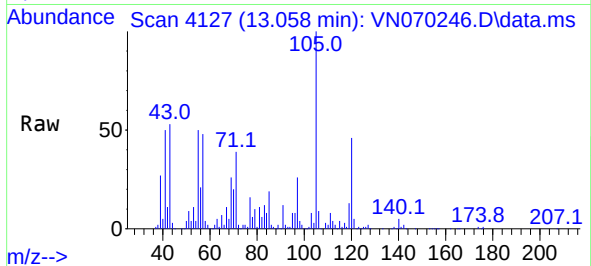




#80
1,3,5-Trimethylbenzene
Concen: 2.39 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

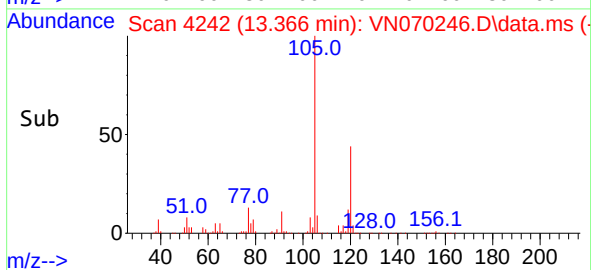
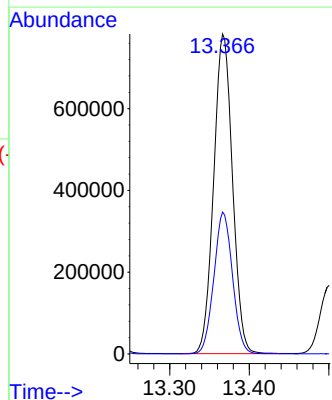
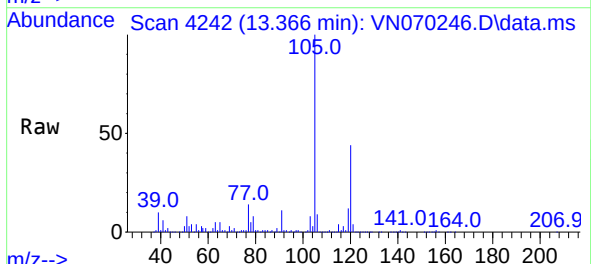
Instrument :
MSVOA_N
ClientSampleId :
DA-19-5.0

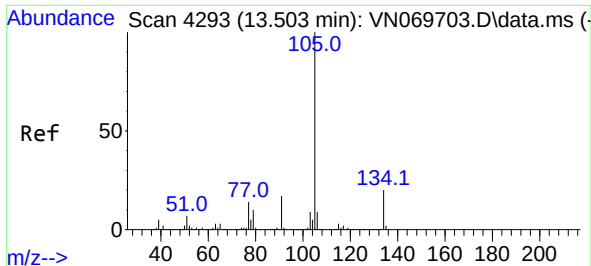
Tgt Ion:105 Resp: 232632
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 13.85 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion:105 Resp: 1285563
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4

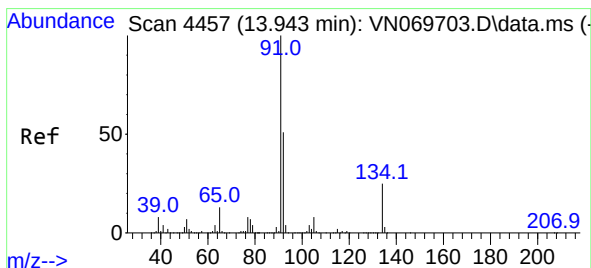
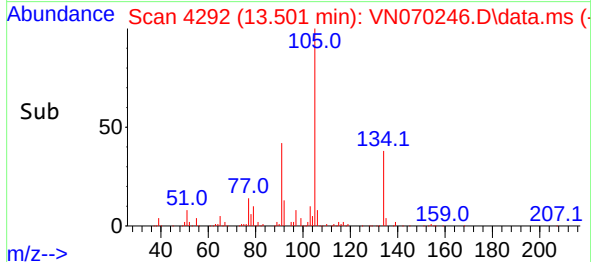
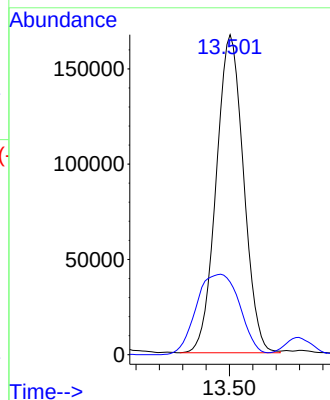
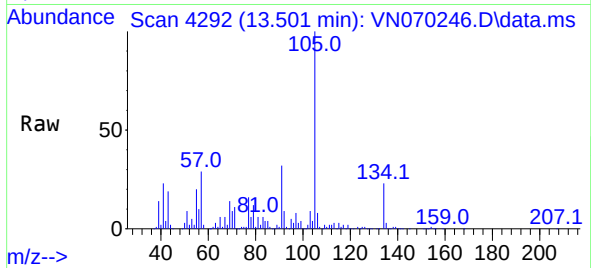




#85
 sec-Butylbenzene
 Concen: 2.32 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

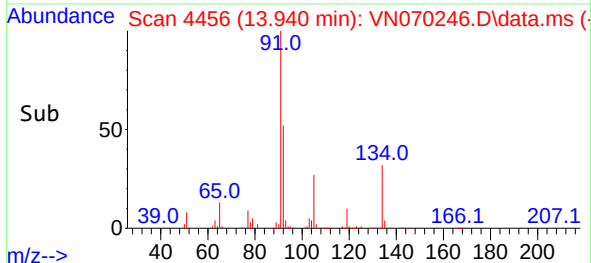
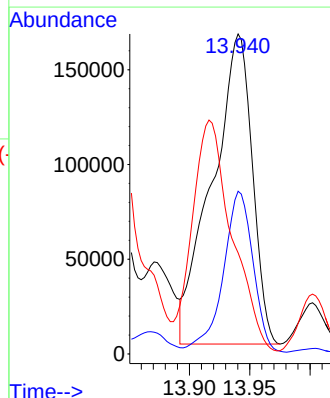
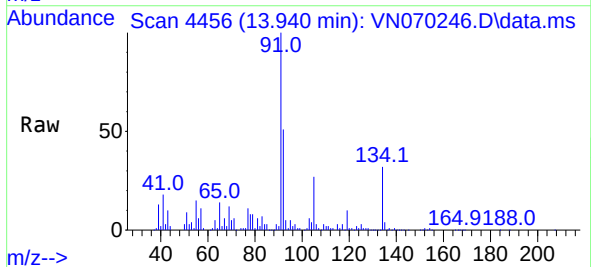
Instrument :
 MSVOA_N
 ClientSampleId :
 DA-19-5.0

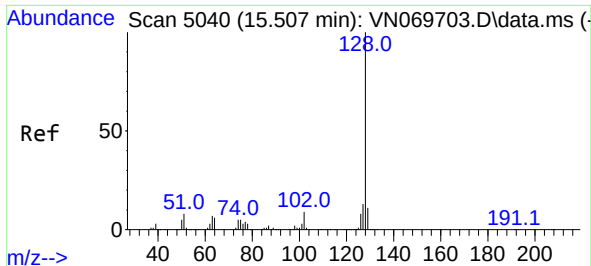
Tgt Ion:105 Resp: 271124
 Ion Ratio Lower Upper
 105 100
 134 40.1 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 5.10 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. -0.003 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

Tgt Ion: 91 Resp: 378155
 Ion Ratio Lower Upper
 91 100
 92 38.7 25.4 76.0
 134 0.0 13.6 40.8#





#95

Naphthalene

Concen: 7.04 ug/l

RT: 15.504 min Scan# 50

Delta R.T. -0.003 min

Lab File: VN070246.D

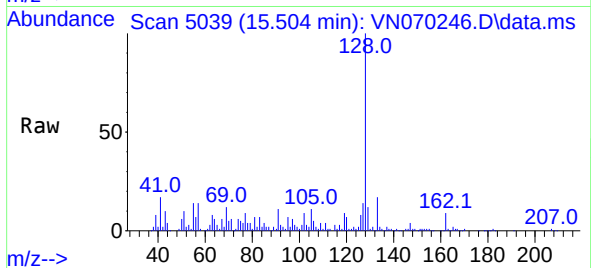
Acq: 20 Dec 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

DA-19-5.0



Tgt Ion:128 Resp: 220941

Ion Ratio Lower Upper

128 100

127 14.8 10.5 15.7

129 8.7 8.7 13.1#

