

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070224.D
 Acq On : 18 Dec 2021 19:51
 Operator : JC/MD
 Sample : M5044-15 10X
 Misc : 6.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-15-4.5

Quant Time: Dec 19 08:50:51 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)

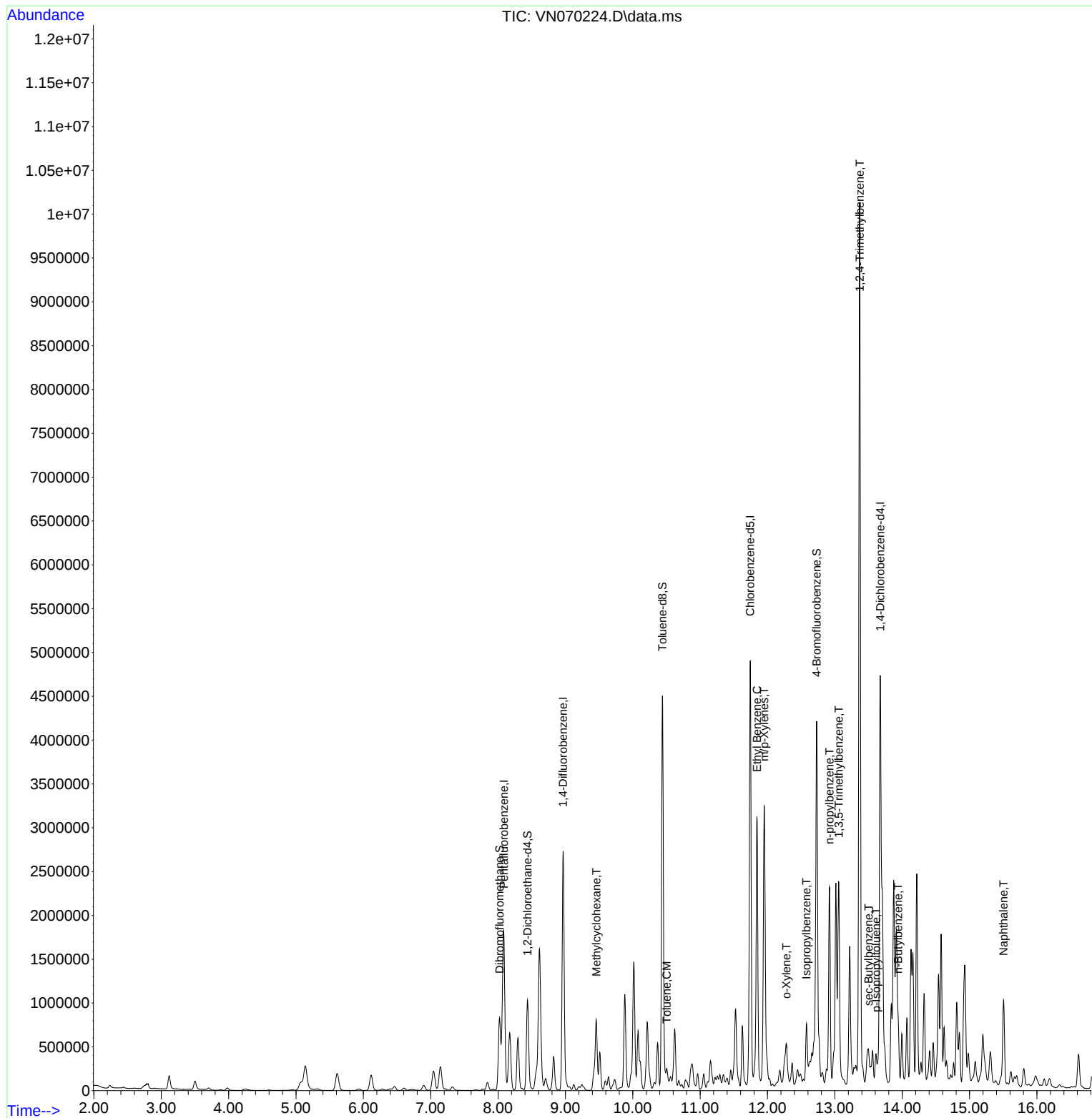
Internal Standards						
1) Pentafluorobenzene	8.086	168	1122294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2135025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2617741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1193646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	876626	50.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.18%		
35) Dibromofluoromethane	8.021	113	601645	44.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.98%		
50) Toluene-d8	10.440	98	2881119	53.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.30%		
62) 4-Bromofluorobenzene	12.731	95	1394317	71.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	143.34%#		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.459	83	196222	8.12	ug/l #	79
52) Toluene	10.505	92	82030	2.16	ug/l	100
67) Ethyl Benzene	11.843	91	2169424	22.49	ug/l	96
68) m/p-Xylenes	11.950	106	839219	23.89	ug/l	90
69) o-Xylene	12.280	106	106782	3.02	ug/l	92
73) Isopropylbenzene	12.578	105	437369	4.12	ug/l	99
78) n-propylbenzene	12.921	91	1780366	15.07	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	1008318	11.80	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	5732827	70.42	ug/l	98
85) sec-Butylbenzene	13.500	105	198918	1.94	ug/l #	59
86) p-Isopropyltoluene	13.616	119	89317	1.11	ug/l	96
89) n-Butylbenzene	13.940	91	481857	7.40	ug/l #	71
95) Naphthalene	15.504	128	869654	17.71	ug/l	100

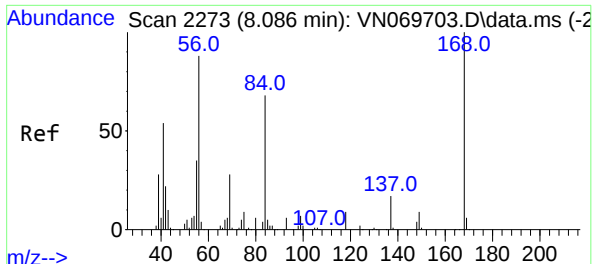
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
Data File : VN070224.D
Acq On : 18 Dec 2021 19:51
Operator : JC/MD
Sample : M5044-15 10X
Misc : 6.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

Quant Time: Dec 19 08:50:51 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

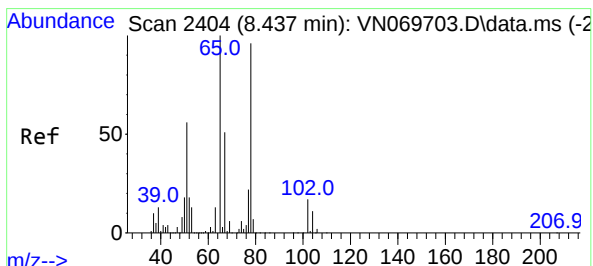
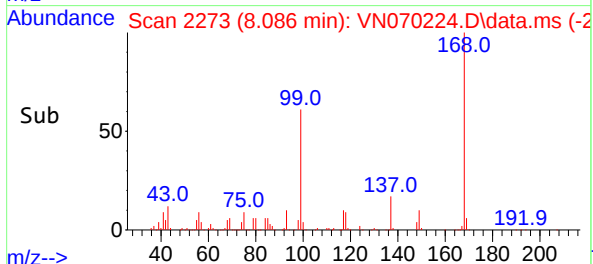
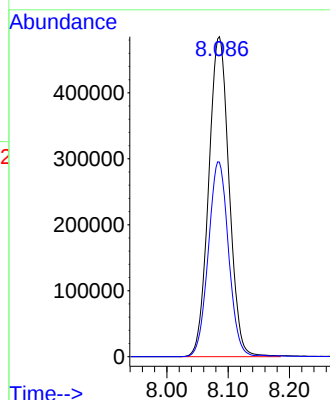
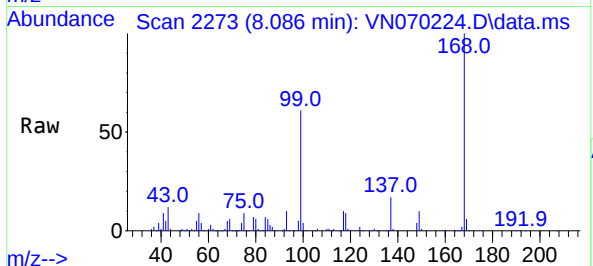




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

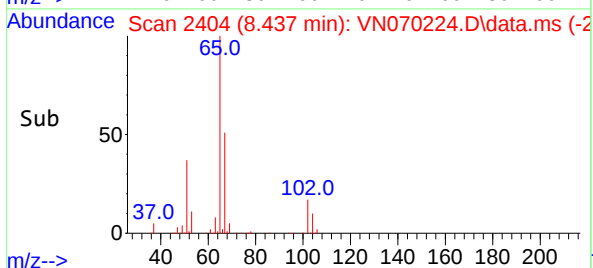
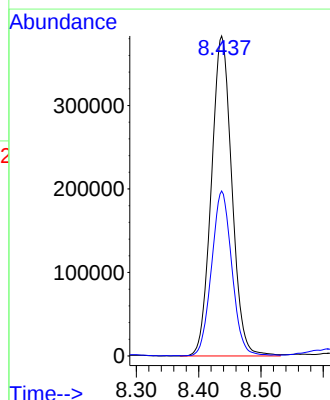
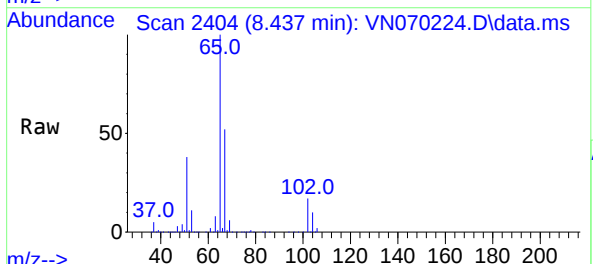
Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

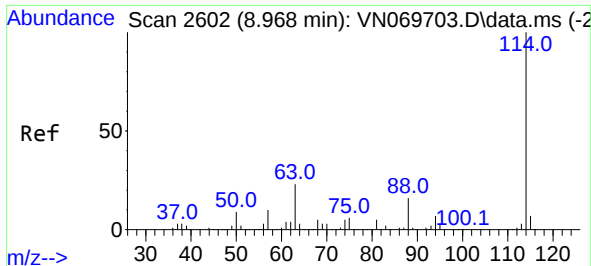
Tgt Ion:168 Resp: 1122294
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.59 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Tgt Ion: 65 Resp: 876626
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

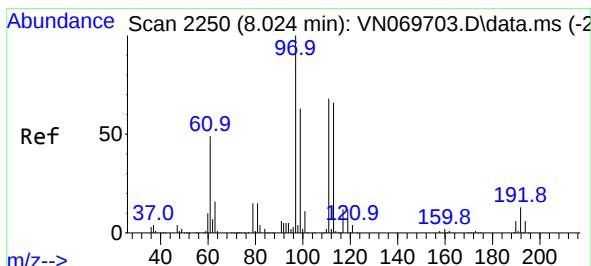
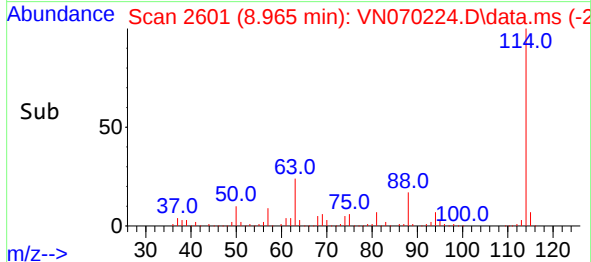
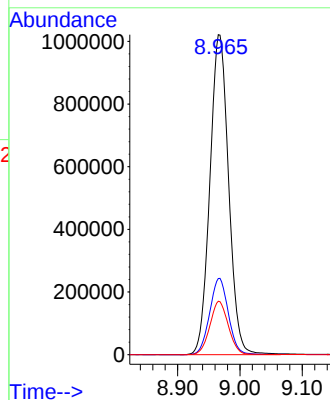
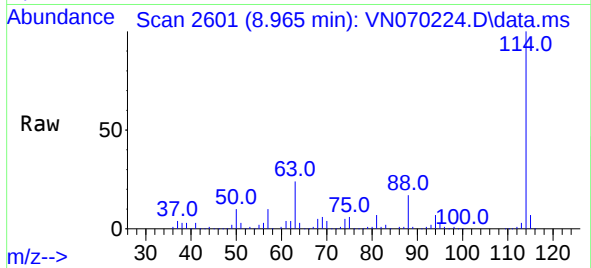




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

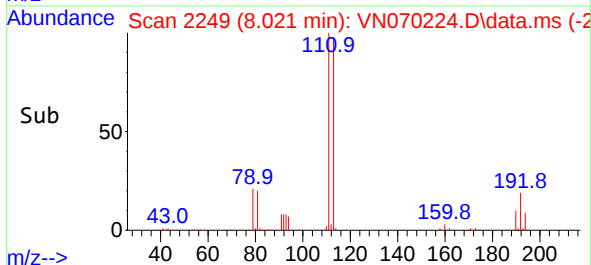
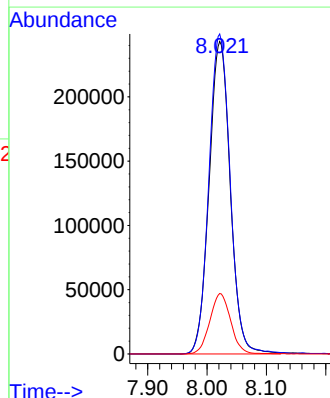
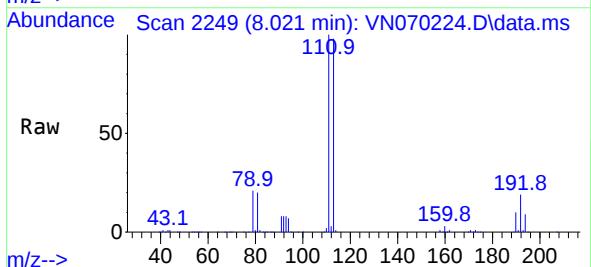
Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

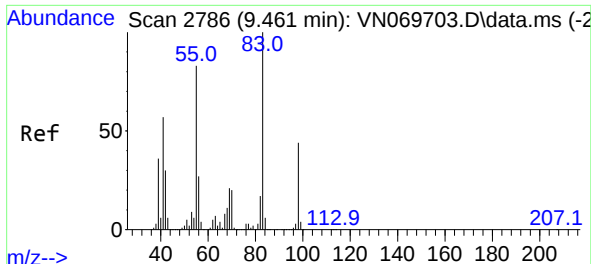
Tgt Ion:114 Resp: 2135025
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 44.99 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Tgt Ion:113 Resp: 601645
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.1 16.9 25.3





#39

Methylcyclohexane

Concen: 8.12 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070224.D

Acq: 18 Dec 2021 19:51

Instrument :

MSVOA_N

ClientSampleId :

DA-15-4.5

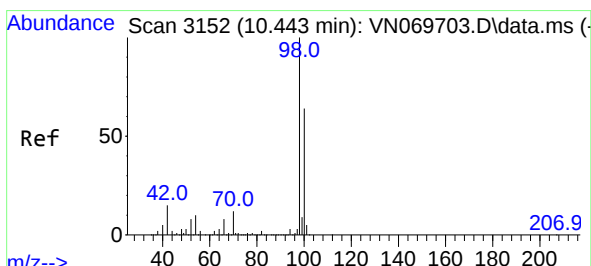
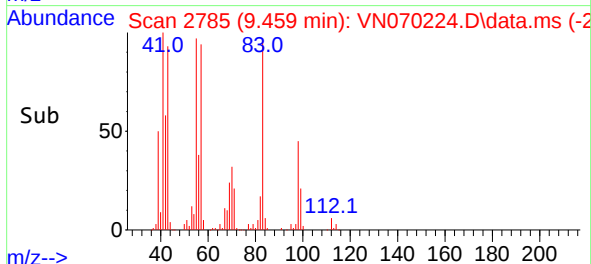
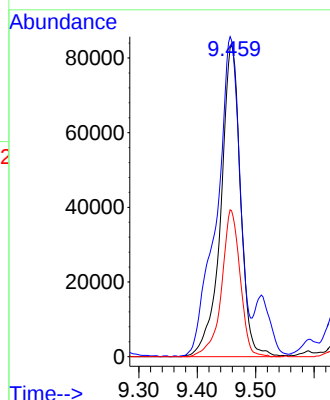
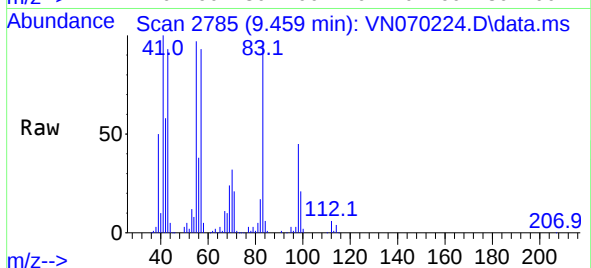
Tgt Ion: 83 Resp: 196222

Ion Ratio Lower Upper

83 100

55 101.2 58.1 87.1#

98 46.8 38.4 57.6



#50

Toluene-d8

Concen: 53.65 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070224.D

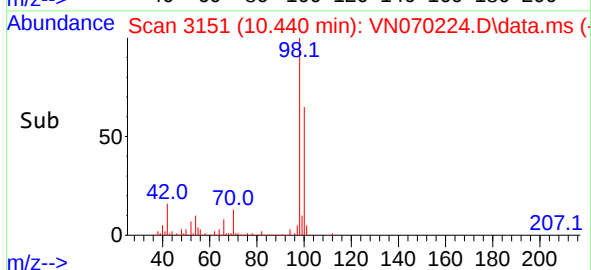
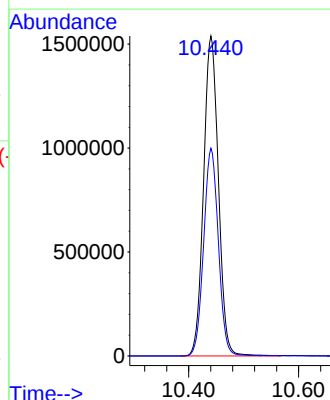
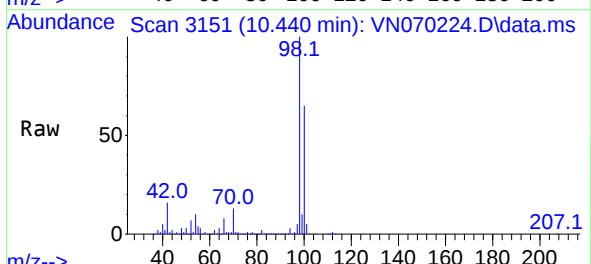
Acq: 18 Dec 2021 19:51

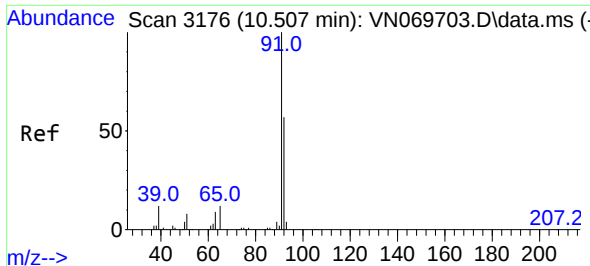
Tgt Ion: 98 Resp: 2881119

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6

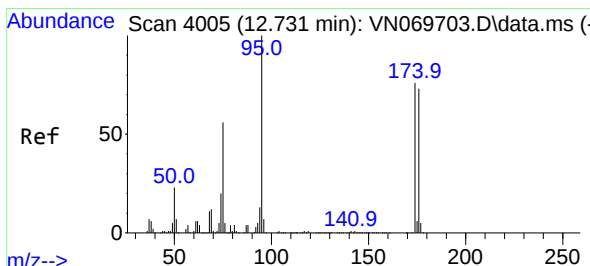
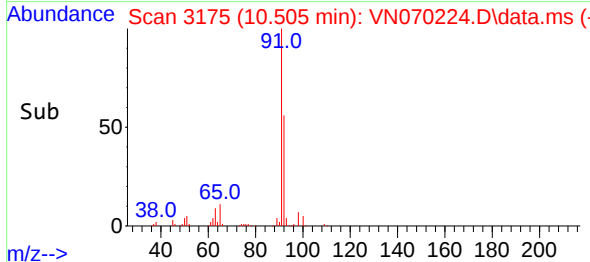
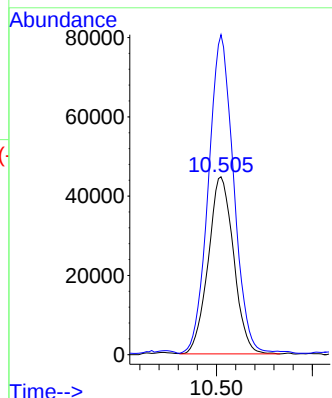
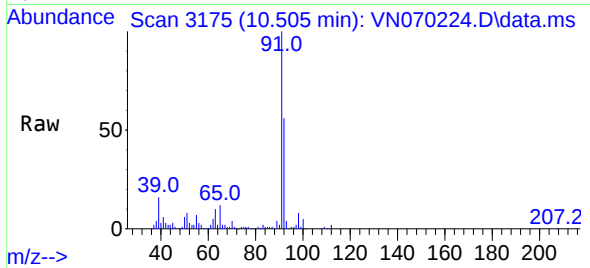




#52
Toluene
Concen: 2.16 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

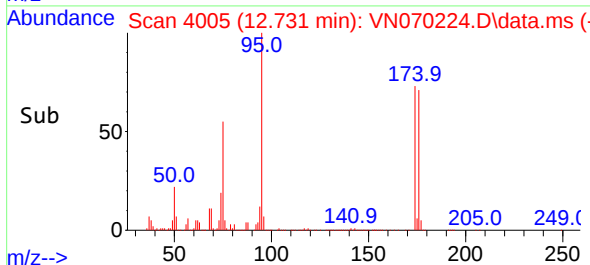
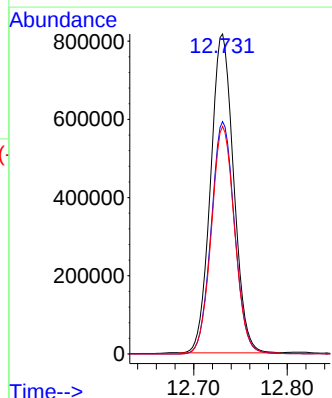
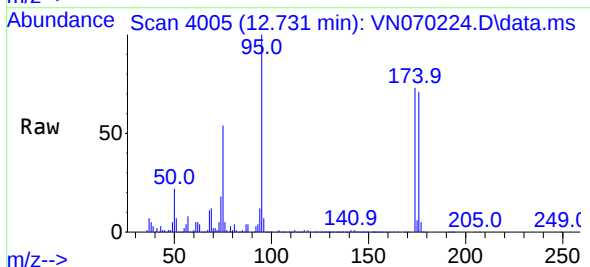
Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

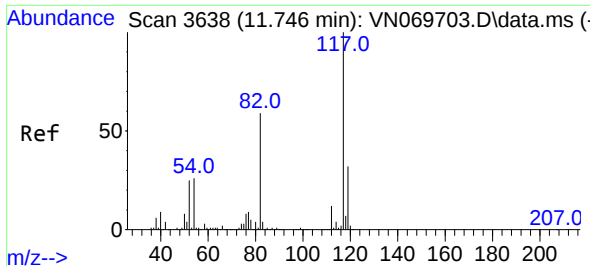
Tgt Ion: 92 Resp: 82030
Ion Ratio Lower Upper
92 100
91 178.0 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 71.67 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

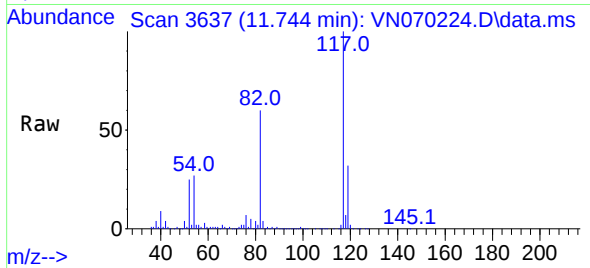
Tgt Ion: 95 Resp: 1394317
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 72.1 0.0 181.4



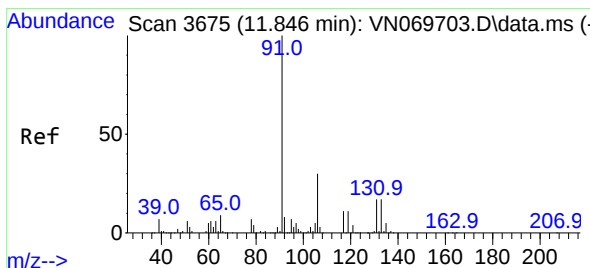
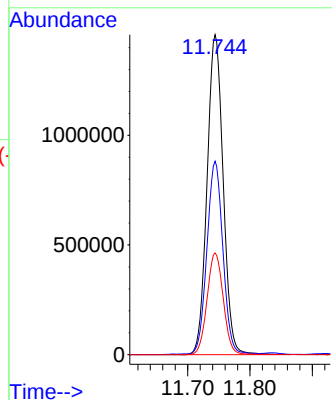
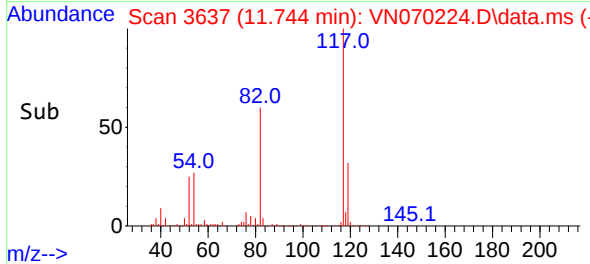


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

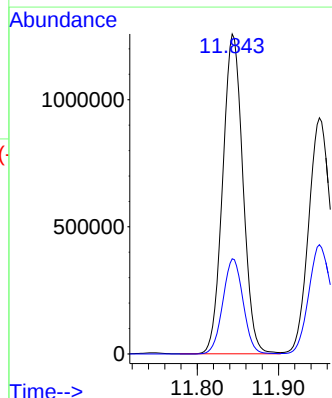
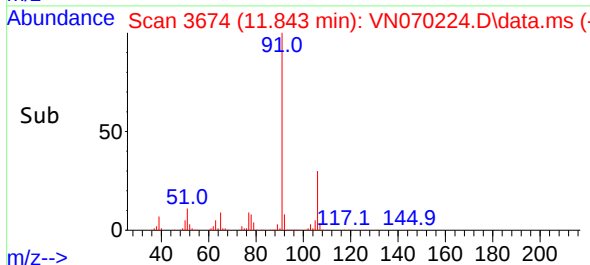
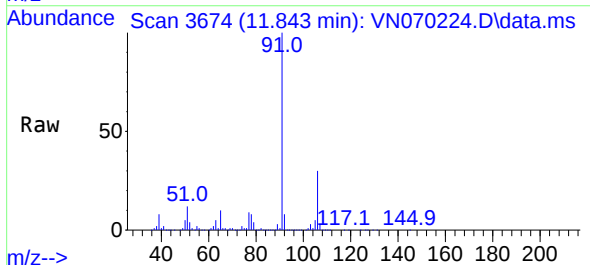


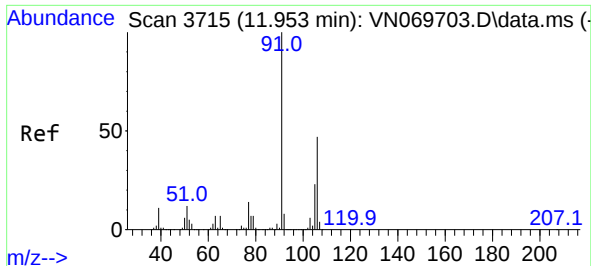
Tgt Ion:117 Resp: 2617741
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 22.49 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Tgt Ion: 91 Resp: 2169424
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

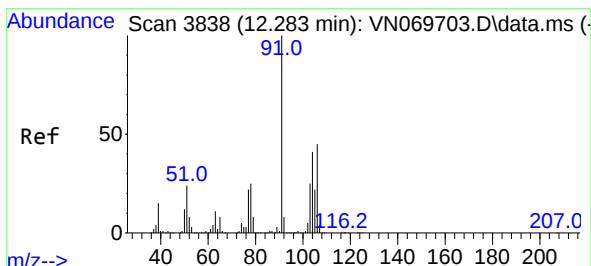
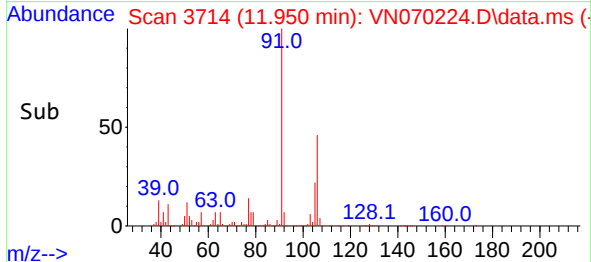
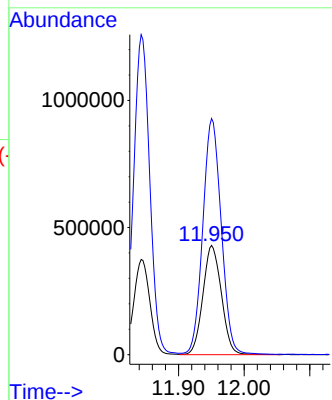
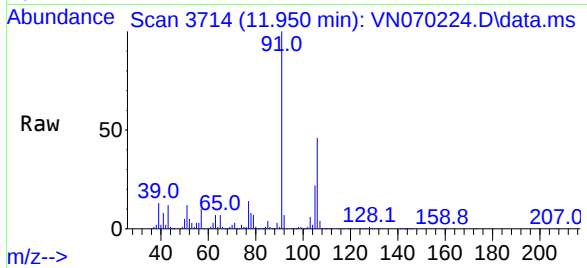




#68
m/p-Xylenes
Concen: 23.89 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

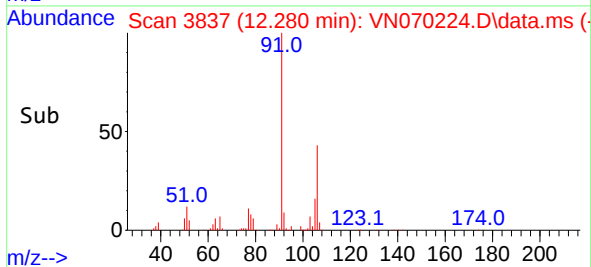
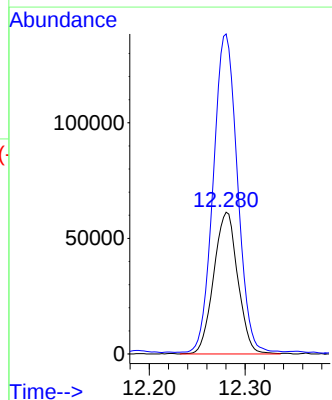
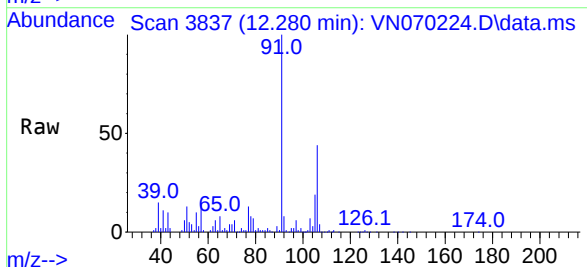
Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

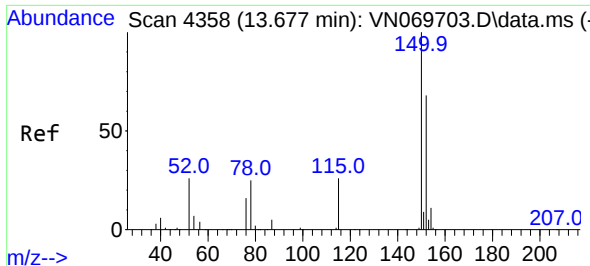
Tgt Ion:106 Resp: 839219
Ion Ratio Lower Upper
106 100
91 215.3 160.6 240.8



#69
o-Xylene
Concen: 3.02 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Tgt Ion:106 Resp: 106782
Ion Ratio Lower Upper
106 100
91 224.0 105.8 317.3

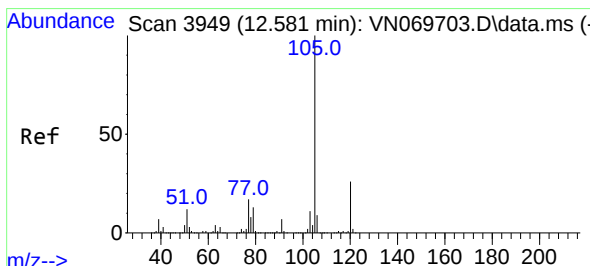
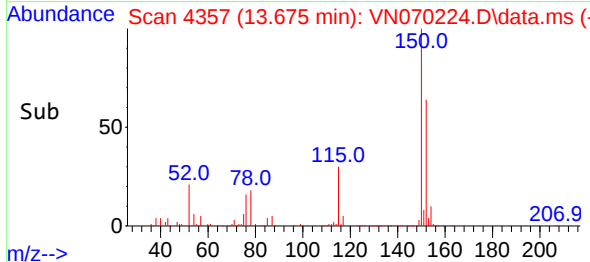
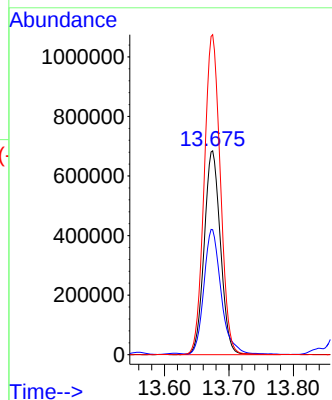
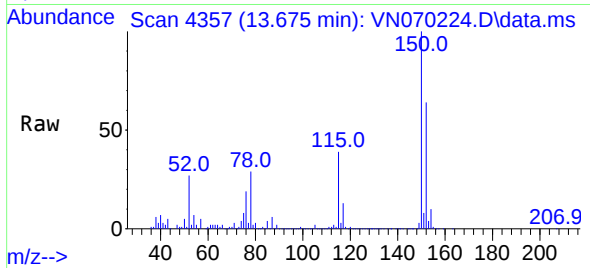




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

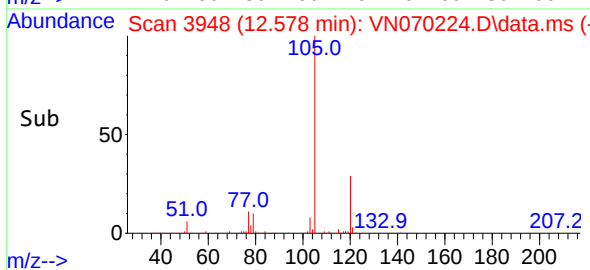
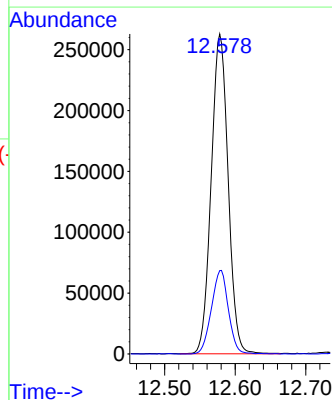
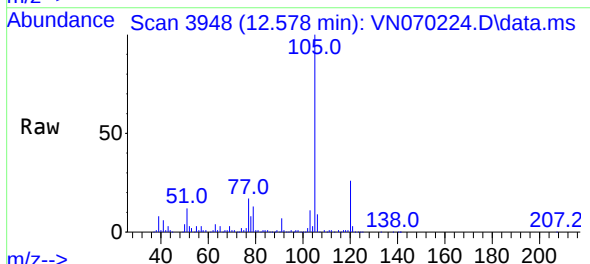
Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

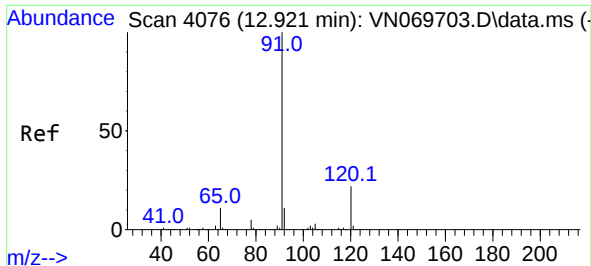
Tgt Ion:152 Resp: 1193646
Ion Ratio Lower Upper
152 100
115 65.6 27.5 82.5
150 156.9 0.0 344.4



#73
Isopropylbenzene
Concen: 4.12 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Tgt Ion:105 Resp: 437369
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

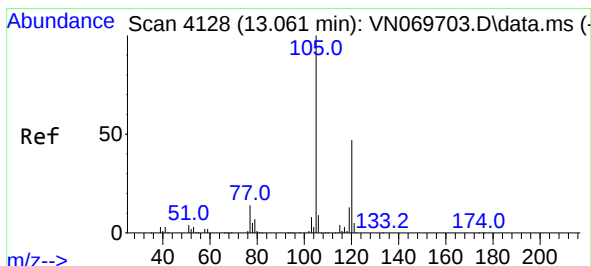
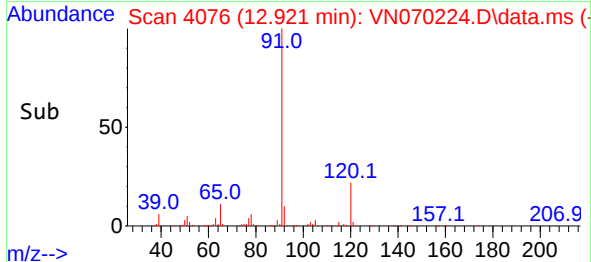
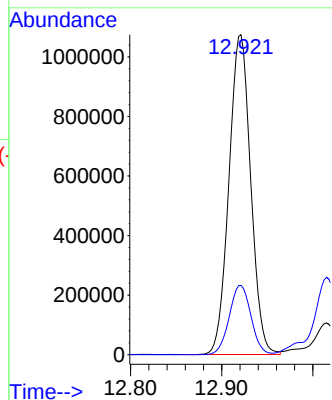
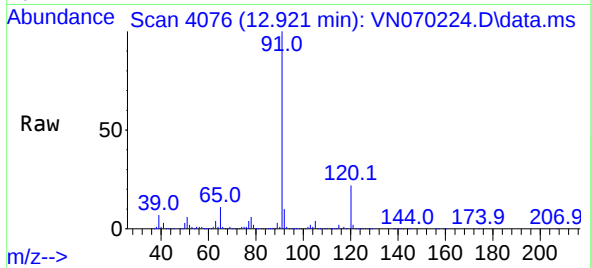




#78
n-propylbenzene
Concen: 15.07 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

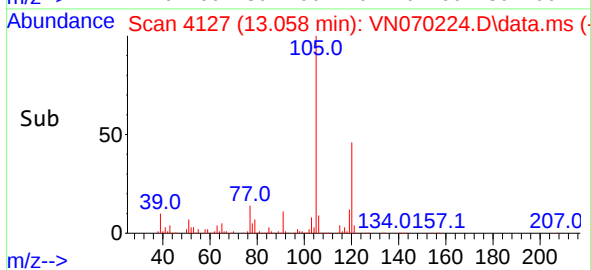
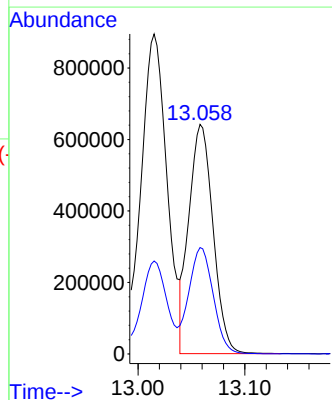
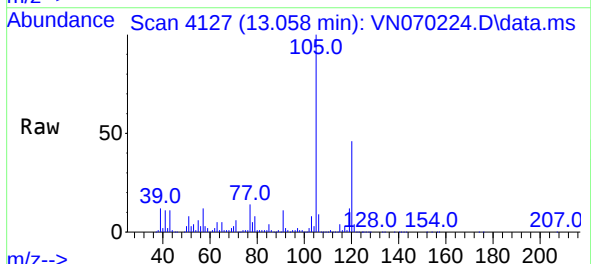
Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

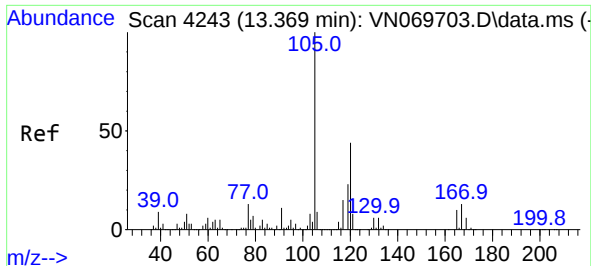
Tgt Ion: 91 Resp: 1780366
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 11.80 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Tgt Ion: 105 Resp: 1008318
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6

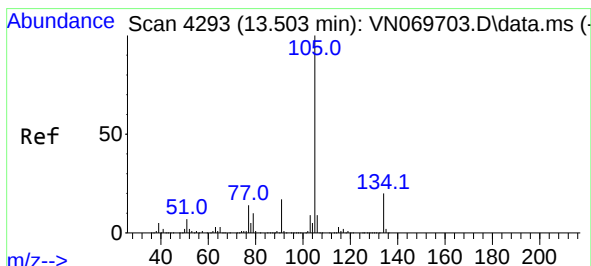
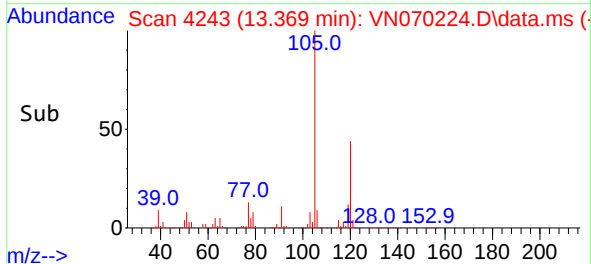
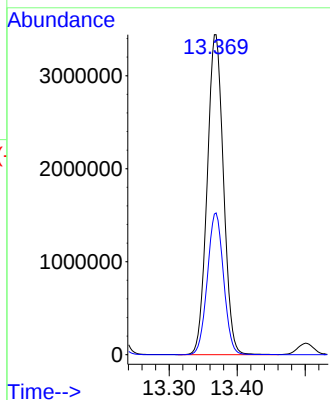
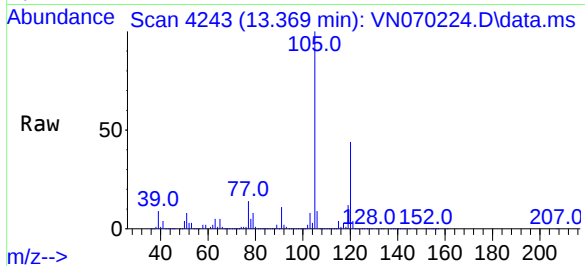




#84
1,2,4-Trimethylbenzene
Concen: 70.42 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

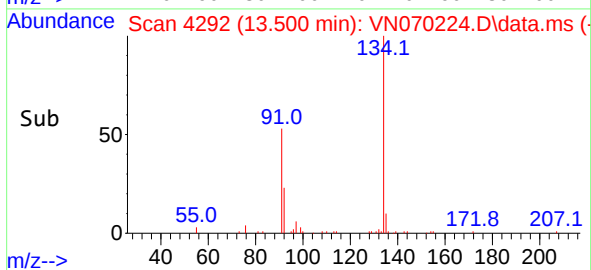
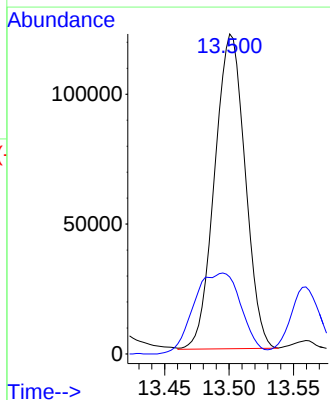
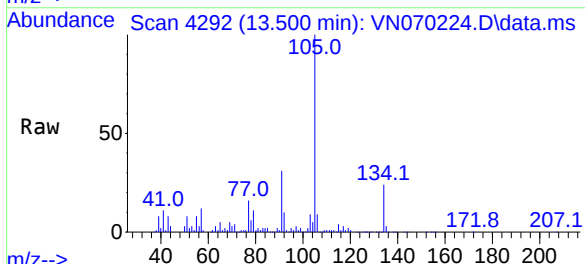
Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

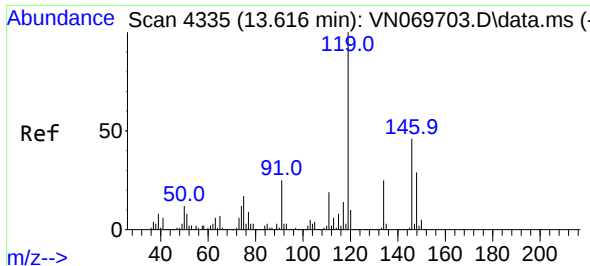
Tgt Ion:105 Resp: 5732827
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.94 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Tgt Ion:105 Resp: 198918
Ion Ratio Lower Upper
105 100
134 39.8 10.4 31.1#

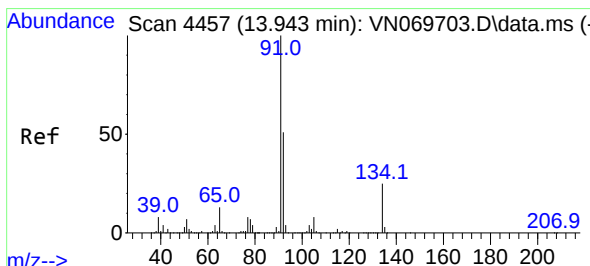
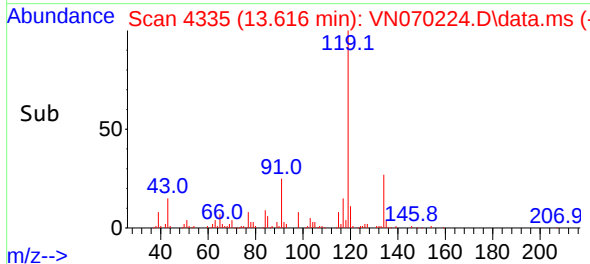
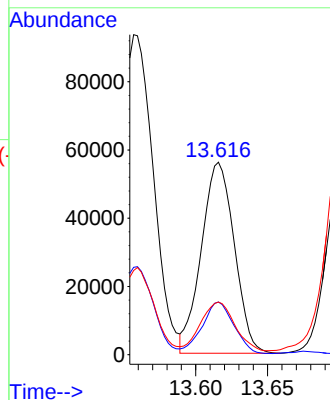
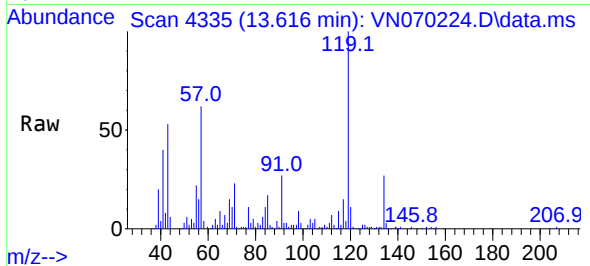




#86
p-Isopropyltoluene
Concen: 1.11 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

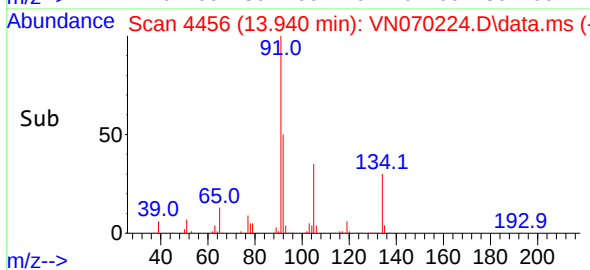
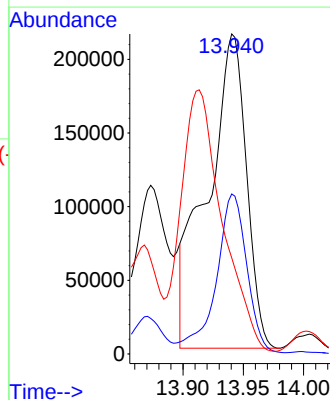
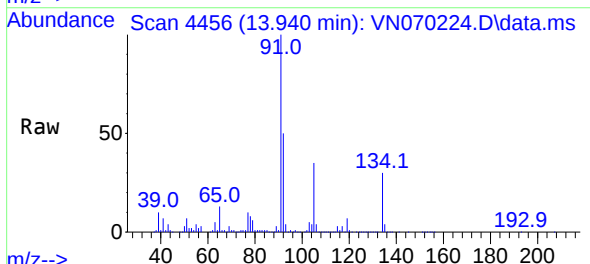
Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5

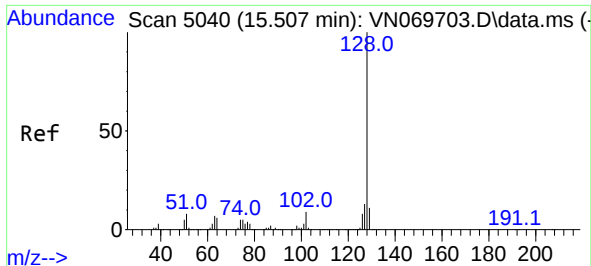
Tgt Ion:119 Resp: 89317
Ion Ratio Lower Upper
119 100
134 26.1 13.6 40.7
91 25.8 11.4 34.1



#89
n-Butylbenzene
Concen: 7.40 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

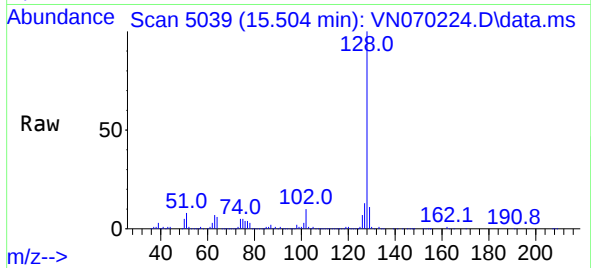
Tgt Ion: 91 Resp: 481857
Ion Ratio Lower Upper
91 100
92 39.7 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 17.71 ug/l
RT: 15.504 min Scan# 50
Delta R.T. -0.003 min
Lab File: VN070224.D
Acq: 18 Dec 2021 19:51

Instrument :
MSVOA_N
ClientSampleId :
DA-15-4.5



Tgt Ion:128 Resp: 869654
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.7 13.1

