

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067097.D
 Acq On : 17 May 2021 13:38
 Operator : JC/MD
 Sample : M2387-02
 Misc : 1.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30782

Quant Time: May 18 04:06:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

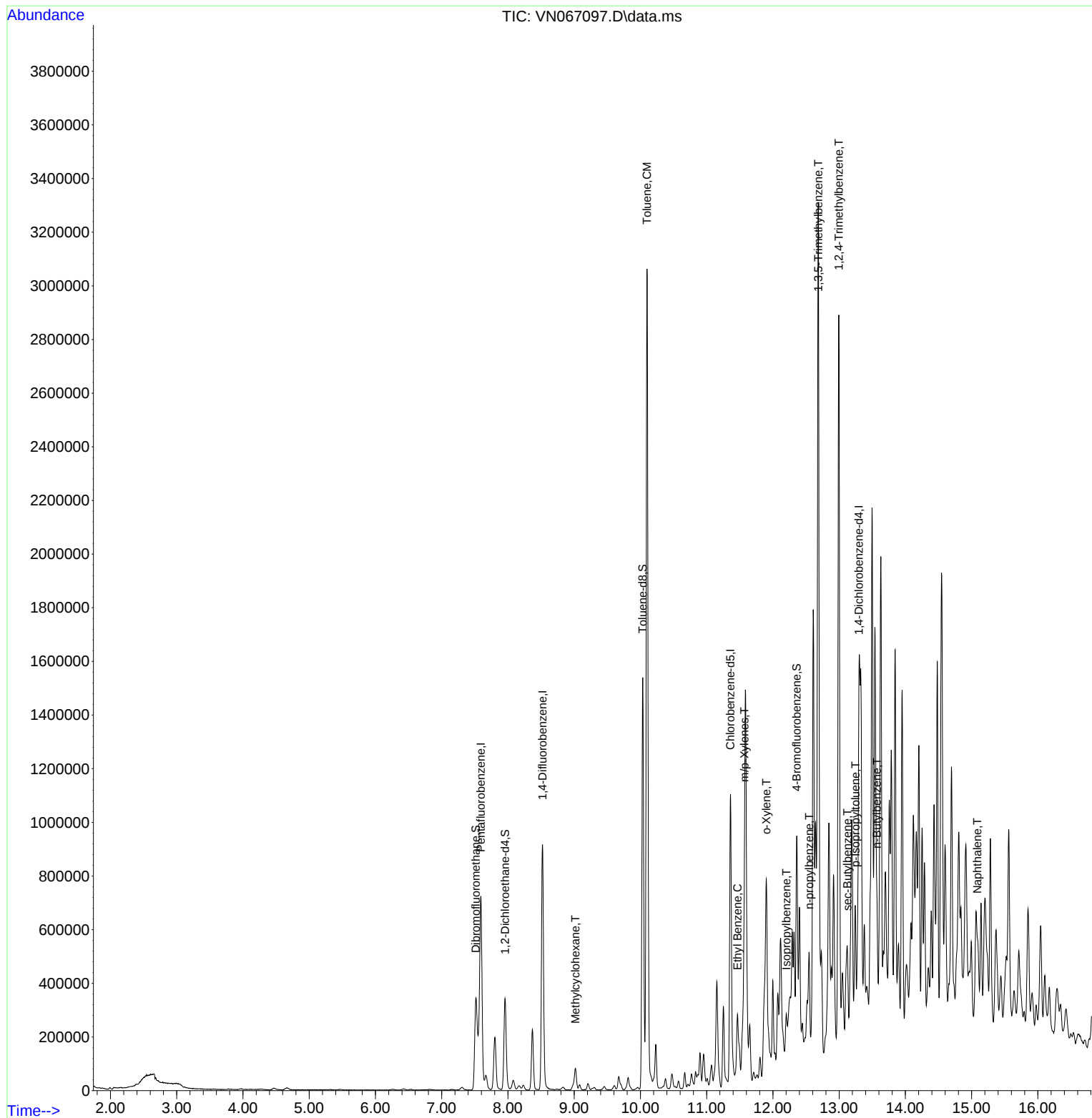
Internal Standards						
1) Pentafluorobenzene	7.592	168	667727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	944115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	764750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	382330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	310651	43.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.12%		
35) Dibromofluoromethane	7.516	113	286780	46.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.52%		
50) Toluene-d8	10.035	98	1120661	47.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.40%		
62) 4-Bromofluorobenzene	12.360	95	328094	41.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.38%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.018	83	37203	3.69	ug/l	95
52) Toluene	10.099	92	1482954	87.76	ug/l	98
67) Ethyl Benzene	11.464	91	185399	6.45	ug/l	100
68) m/p-Xylenes	11.572	106	243352	21.92	ug/l	99
69) o-Xylene	11.902	106	192605	17.24	ug/l	97
73) Isopropylbenzene	12.205	105	86633	2.71	ug/l	98
78) n-propylbenzene	12.548	91	357019	11.05	ug/l	99
80) 1,3,5-Trimethylbenzene	12.687	105	595242	22.34	ug/l	99
84) 1,2,4-Trimethylbenzene	12.996	105	1615954	65.78	ug/l	99
85) sec-Butylbenzene	13.127	105	146050	4.86	ug/l	78
86) p-Isopropyltoluene	13.245	119	95732	3.67	ug/l	98
89) n-Butylbenzene	13.570	91	193449	9.78	ug/l #	67
95) Naphthalene	15.088	128	195687	14.52	ug/l	96

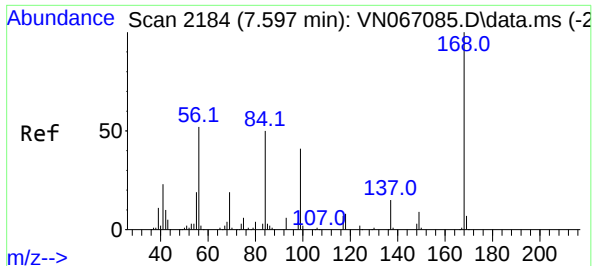
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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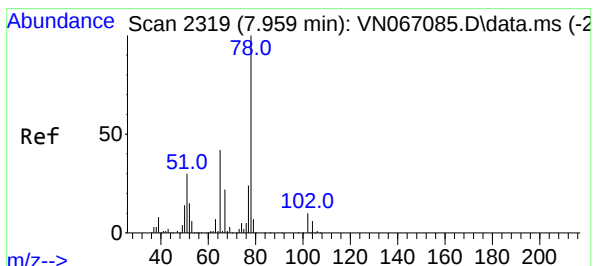
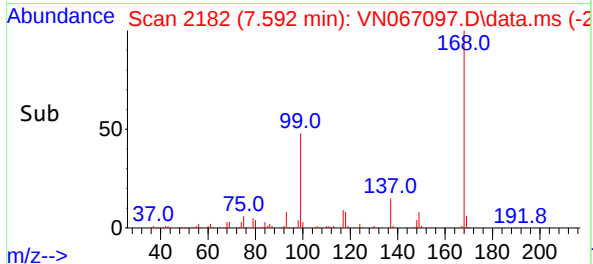
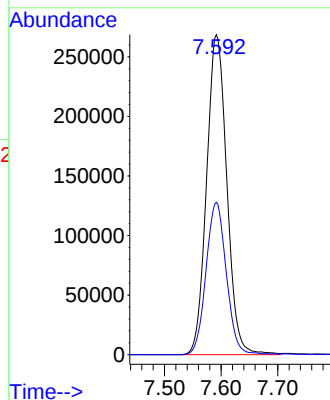
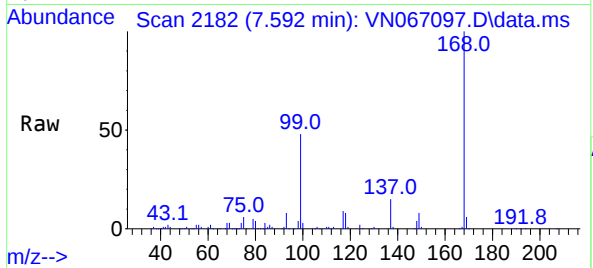




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2182
Delta R.T. -0.005 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

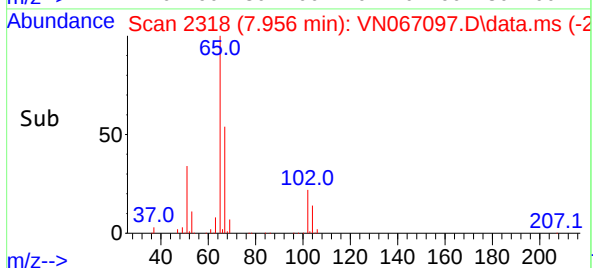
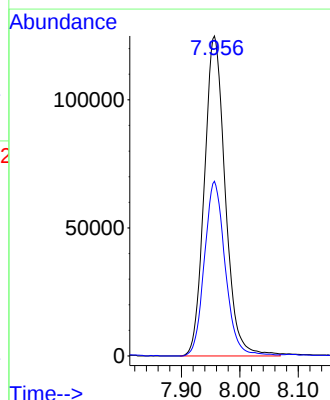
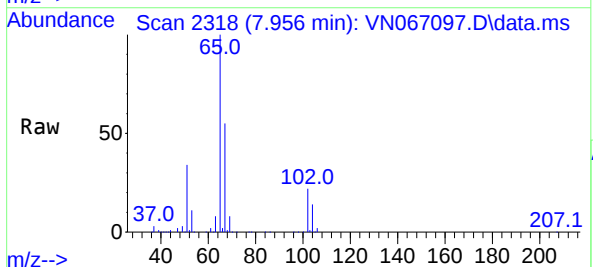
Instrument :
MSVOA_N
ClientSampleId :
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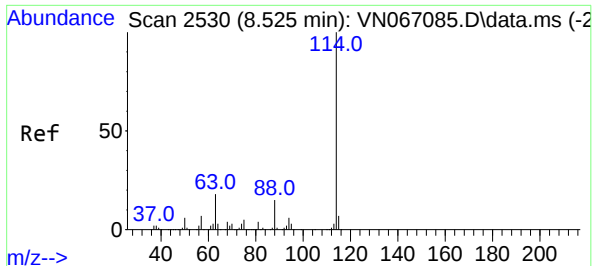
Tgt Ion:168 Resp: 667727
Ion Ratio Lower Upper
168 100
99 47.6 38.5 57.7



#33
1,2-Dichloroethane-d4
Concen: 43.06 ug/l
RT: 7.956 min Scan# 2318
Delta R.T. -0.003 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion: 65 Resp: 310651
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.4

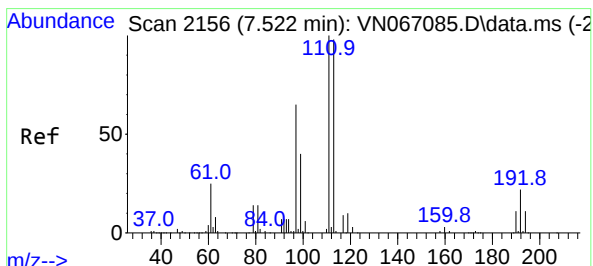
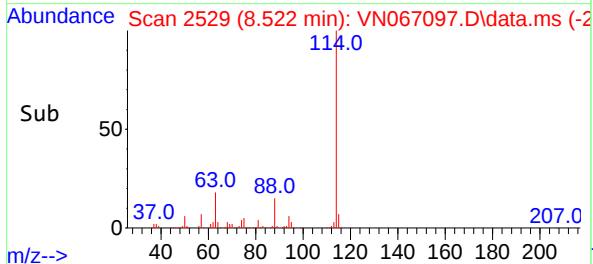
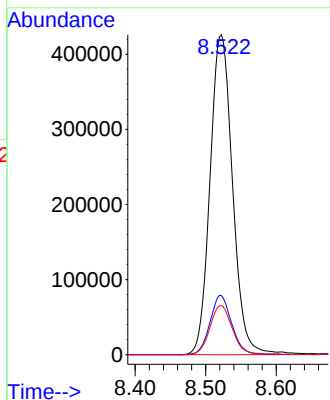
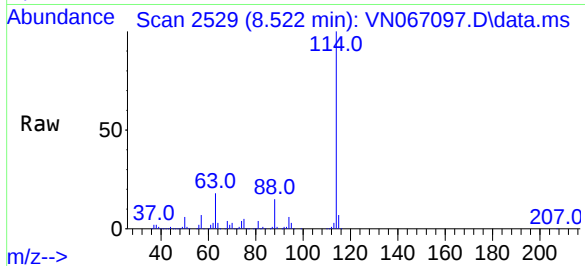




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2529
Delta R.T. -0.003 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

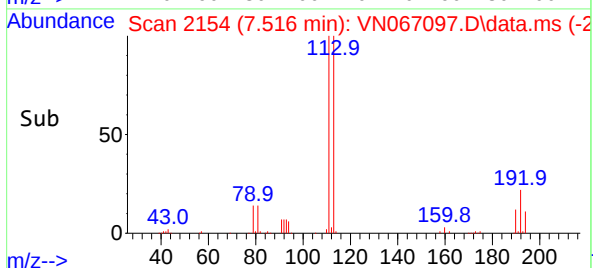
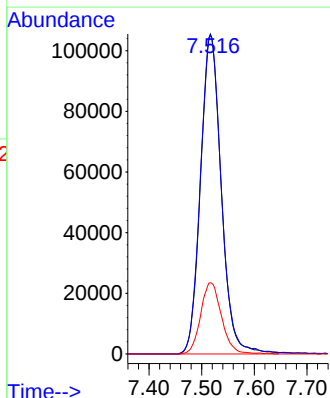
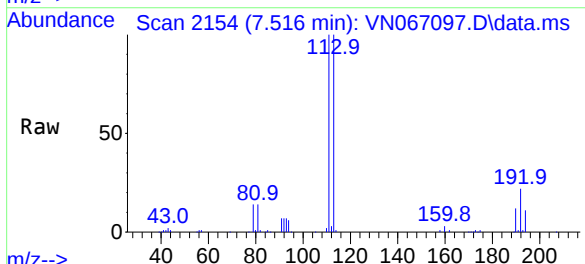
Instrument :
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ClientSampleId :
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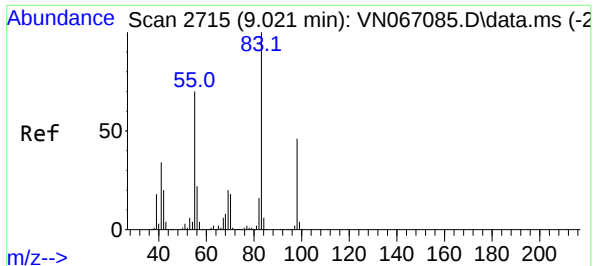
Tgt Ion:	114	Resp:	944115
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.8
88	15.3	0.0	30.4



#35
Dibromofluoromethane
Concen: 46.26 ug/l
RT: 7.516 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion:	113	Resp:	286780
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.6	124.0
192	22.5	18.2	27.4





#39

Methylcyclohexane

Concen: 3.69 ug/l

RT: 9.018 min Scan# 2714

Delta R.T. -0.003 min

Lab File: VN067097.D

Acq: 17 May 2021 13:38

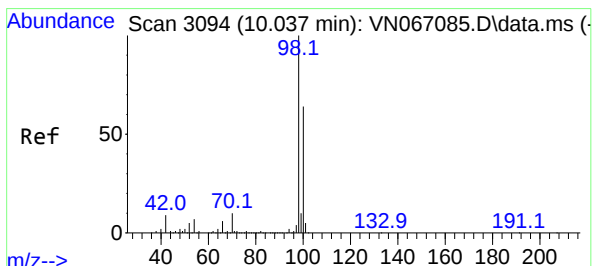
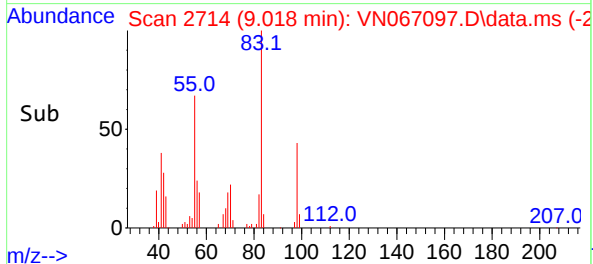
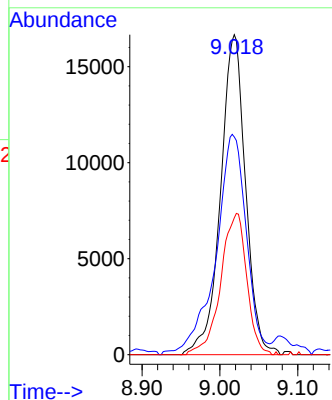
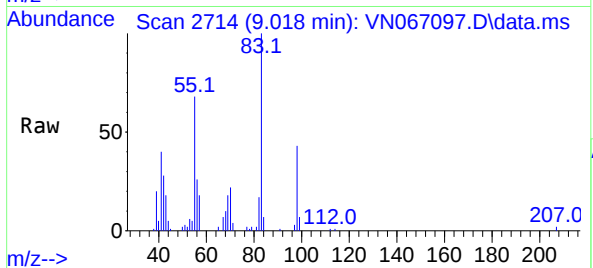
Tgt Ion: 83 Resp: 37203

Ion Ratio Lower Upper

83 100

55 65.8 56.2 84.2

98 42.7 36.8 55.2



#50

Toluene-d8

Concen: 47.70 ug/l

RT: 10.035 min Scan# 3093

Delta R.T. -0.002 min

Lab File: VN067097.D

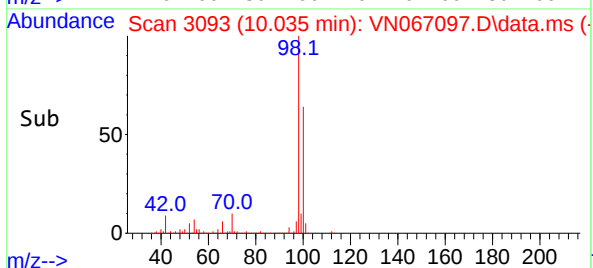
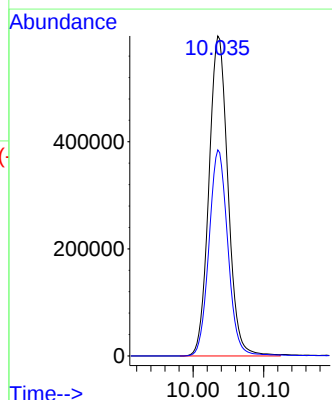
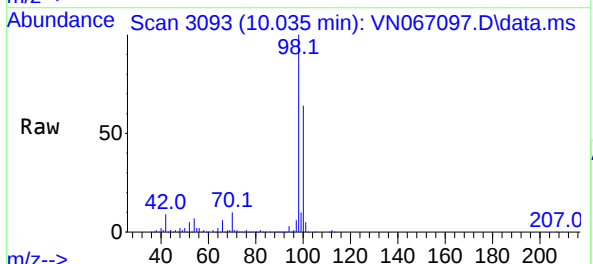
Acq: 17 May 2021 13:38

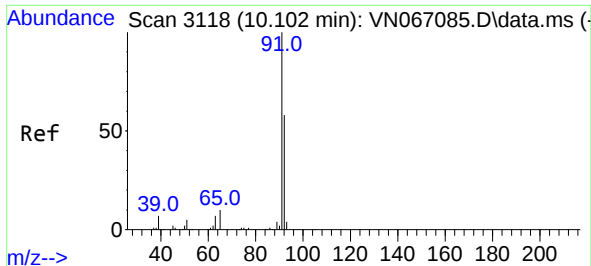
Tgt Ion: 98 Resp: 1120661

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8

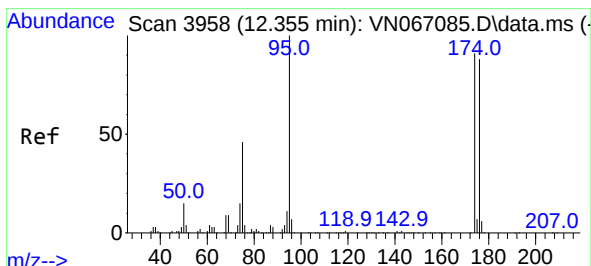
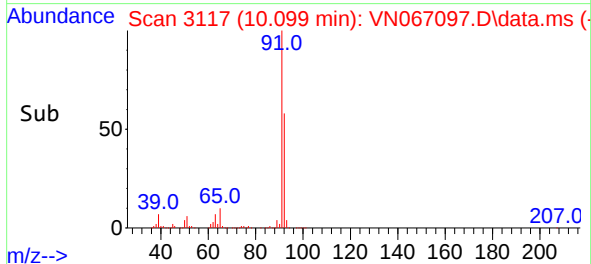
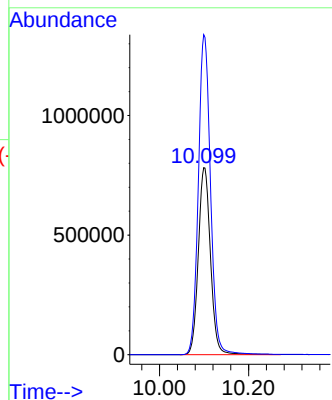
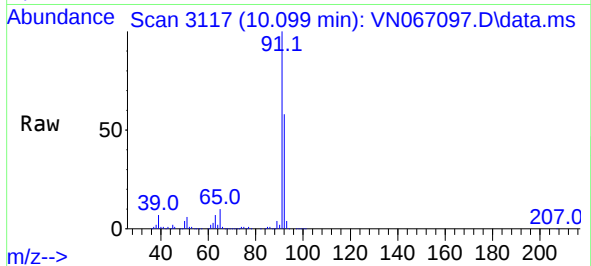




#52
Toluene
Concen: 87.76 ug/l
RT: 10.099 min Scan# 3117
Delta R.T. -0.003 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

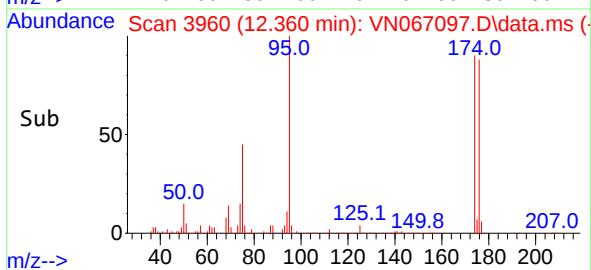
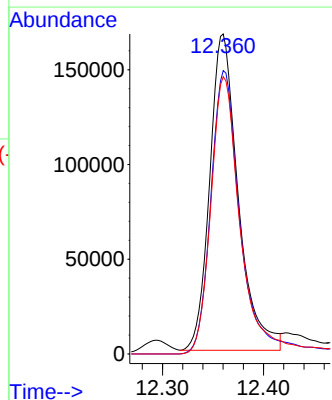
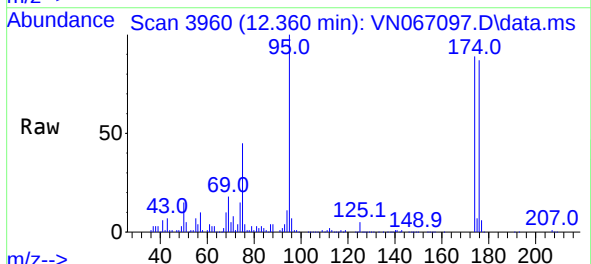
Instrument :
MSVOA_N
ClientSampled :
30782

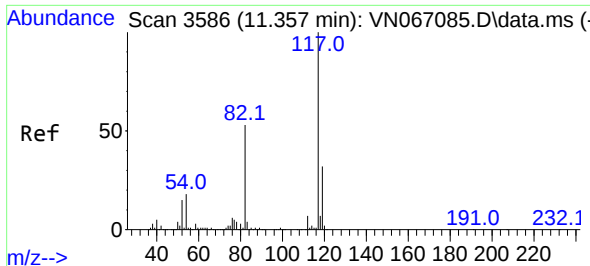
Tgt Ion: 92 Resp: 1482954
Ion Ratio Lower Upper
92 100
91 170.8 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 41.69 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion: 95 Resp: 328094
Ion Ratio Lower Upper
95 100
174 94.1 0.0 182.8
176 92.3 0.0 176.6

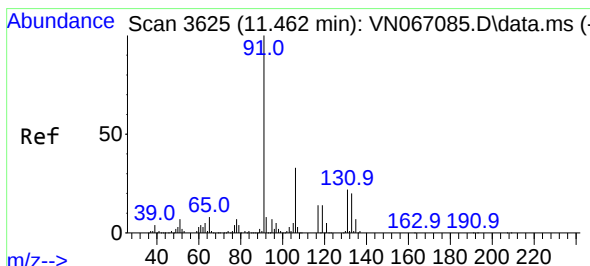
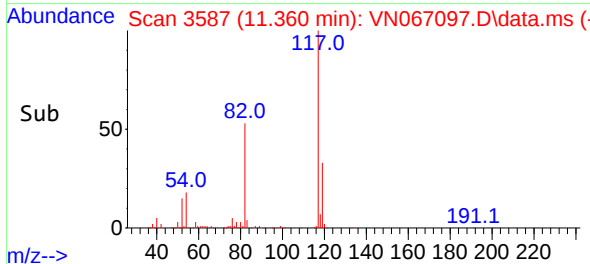
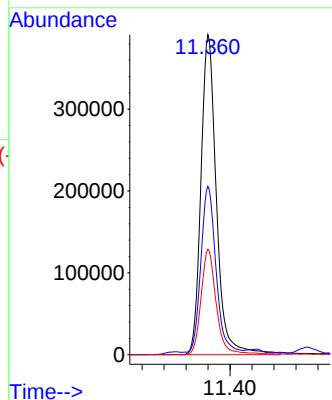
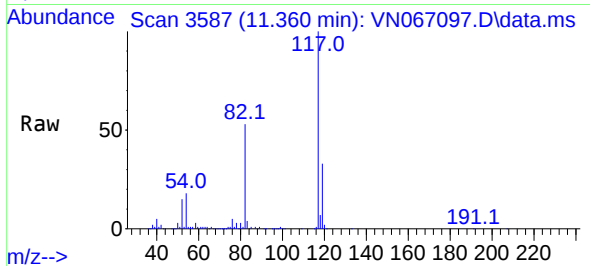




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

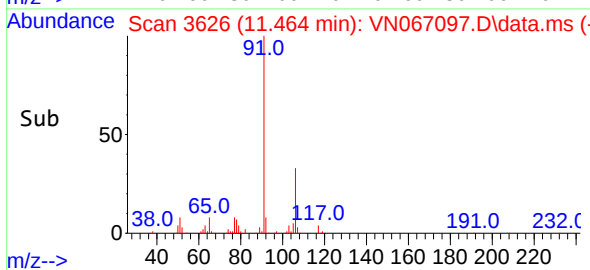
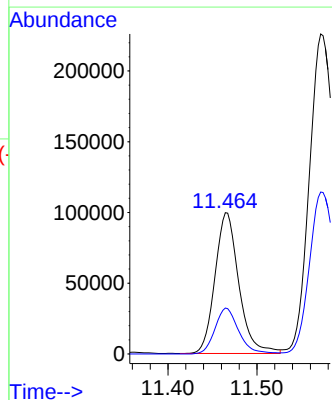
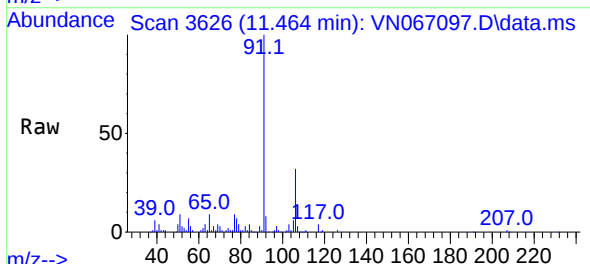
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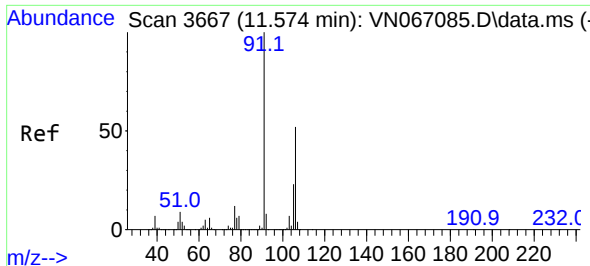
Tgt Ion:117 Resp: 764750
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 33.0 25.8 38.6



#67
Ethyl Benzene
Concen: 6.45 ug/l
RT: 11.464 min Scan# 3626
Delta R.T. 0.002 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion: 91 Resp: 185399
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2

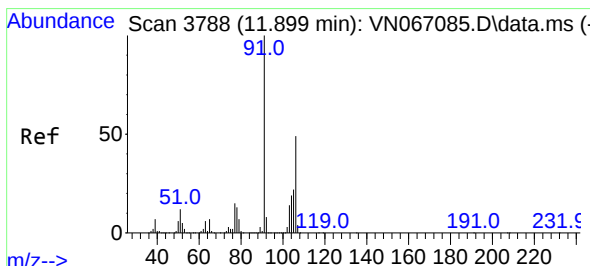
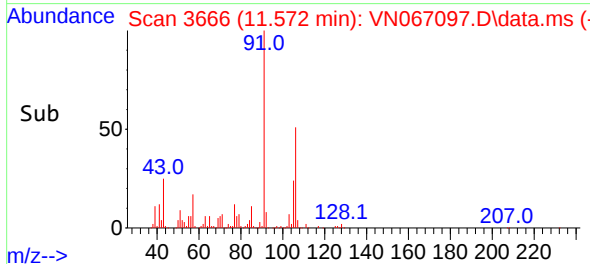
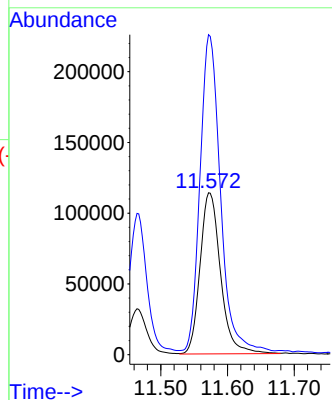
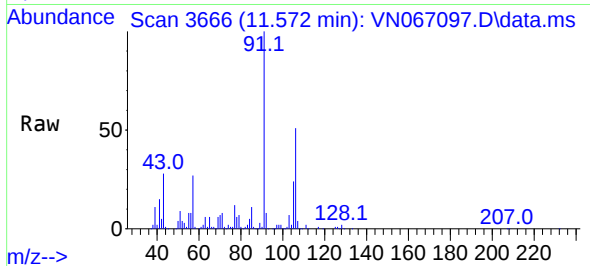




#68
m/p-Xylenes
Concen: 21.92 ug/l
RT: 11.572 min Scan# 3666
Delta R.T. -0.002 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

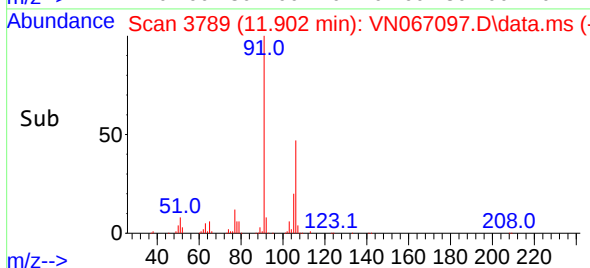
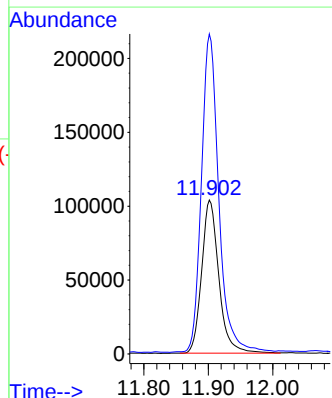
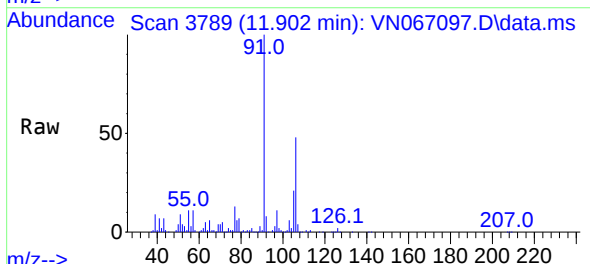
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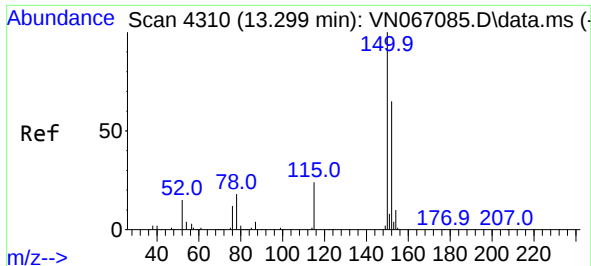
Tgt Ion:106 Resp: 243352
Ion Ratio Lower Upper
106 100
91 194.8 155.2 232.8



#69
o-Xylene
Concen: 17.24 ug/l
RT: 11.902 min Scan# 3789
Delta R.T. 0.003 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion:106 Resp: 192605
Ion Ratio Lower Upper
106 100
91 209.2 102.3 306.8

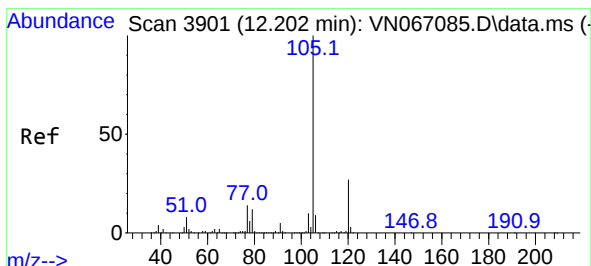
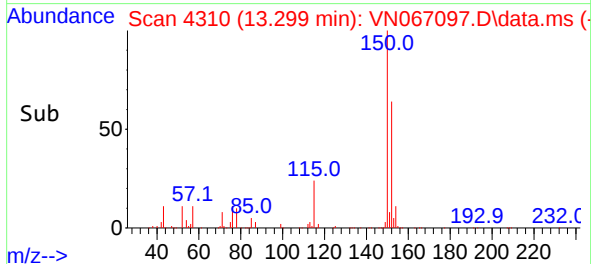
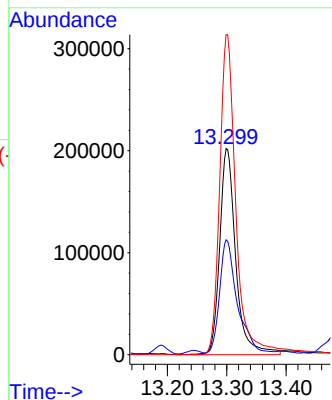
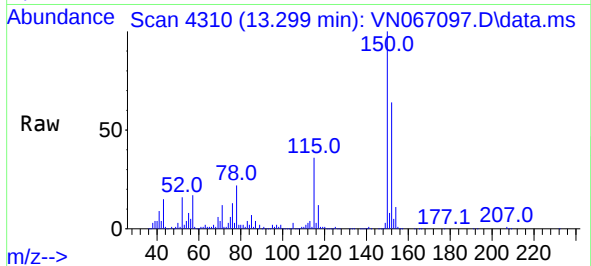




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.299 min Scan# 4310
Delta R.T. -0.000 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

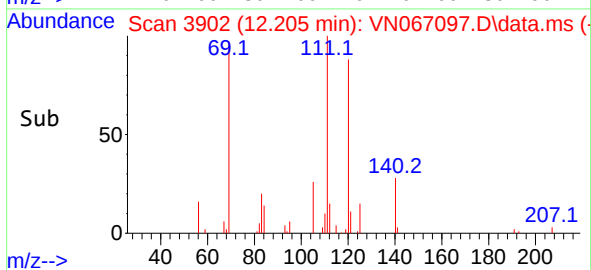
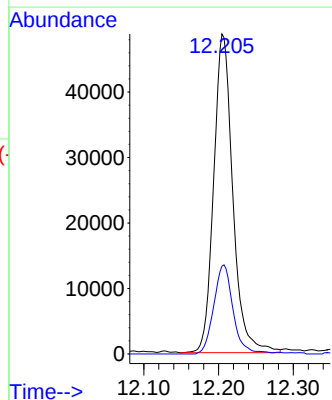
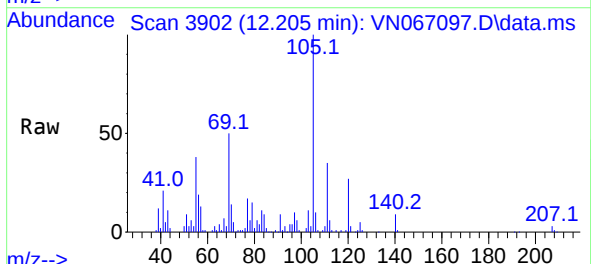
Instrument :
MSVOA_N
ClientSampleId :
30782

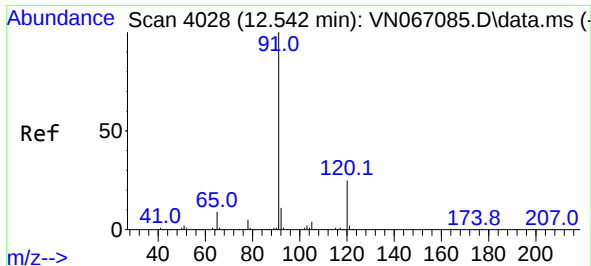
Tgt Ion:152 Resp: 382330
Ion Ratio Lower Upper
152 100
115 59.4 27.0 80.8
150 158.1 0.0 350.2



#73
Isopropylbenzene
Concen: 2.71 ug/l
RT: 12.205 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion:105 Resp: 86633
Ion Ratio Lower Upper
105 100
120 28.2 13.7 41.0

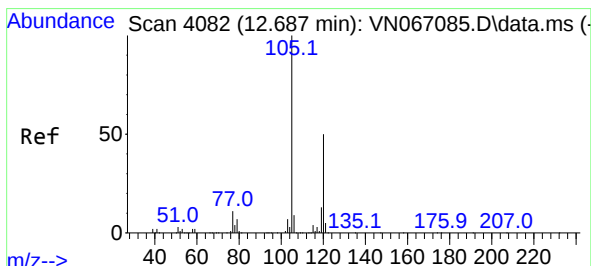
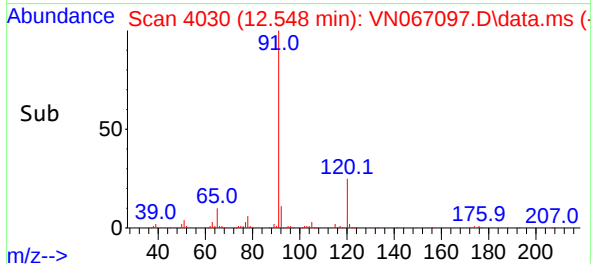
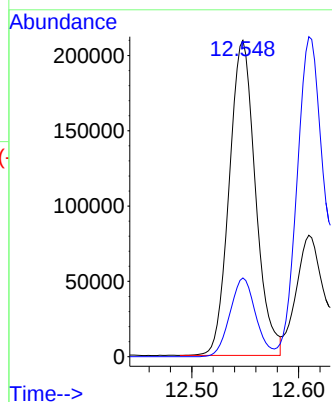
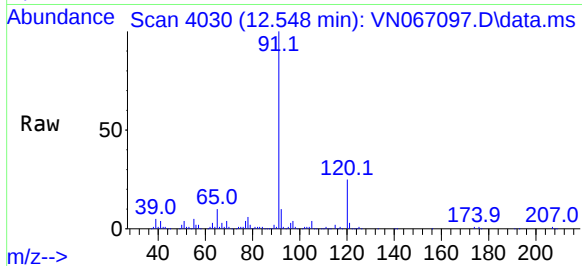




#78
n-propylbenzene
Concen: 11.05 ug/l
RT: 12.548 min Scan# 4030
Delta R.T. 0.006 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

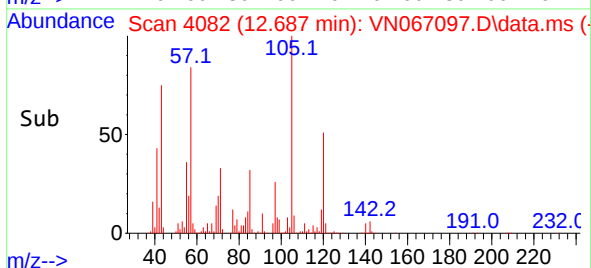
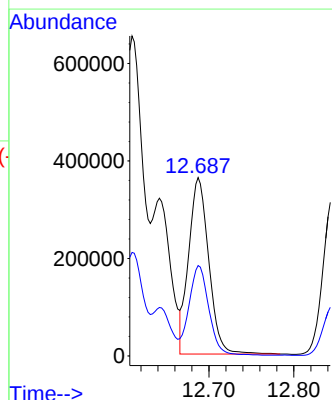
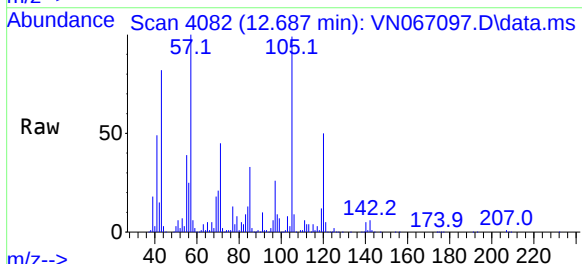
Instrument :
MSVOA_N
ClientSampled :
30782

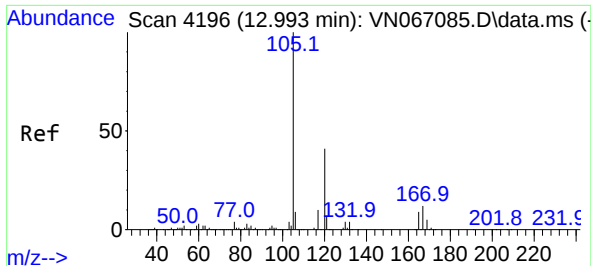
Tgt Ion: 91 Resp: 357019
Ion Ratio Lower Upper
91 100
120 24.5 12.7 38.0



#80
1,3,5-Trimethylbenzene
Concen: 22.34 ug/l
RT: 12.687 min Scan# 4082
Delta R.T. 0.000 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion:105 Resp: 595242
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0

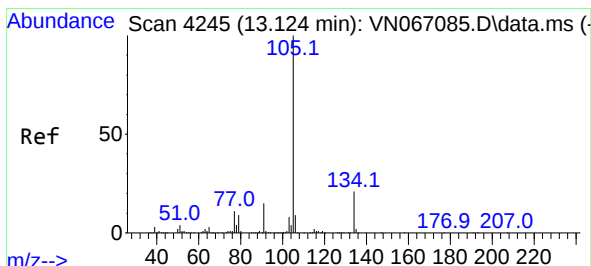
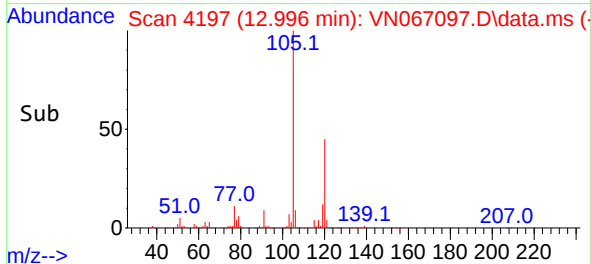
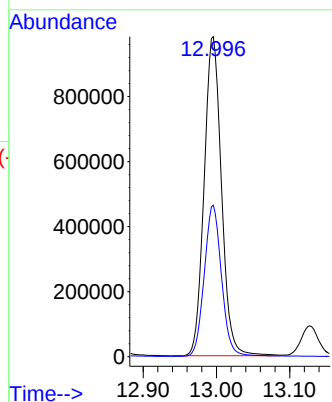
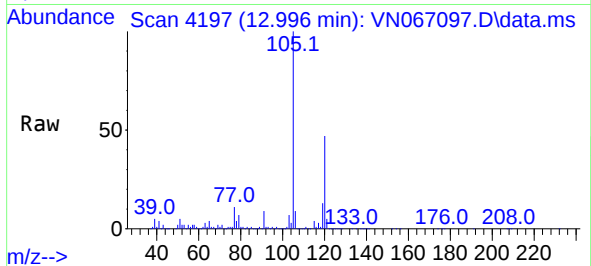




#84
1,2,4-Trimethylbenzene
Concen: 65.78 ug/l
RT: 12.996 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

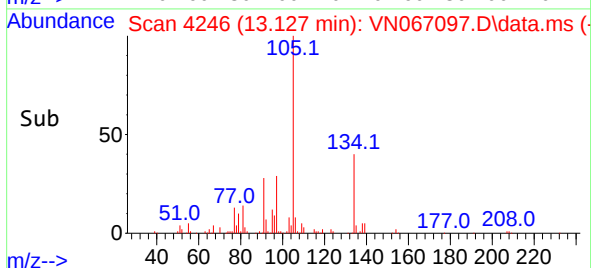
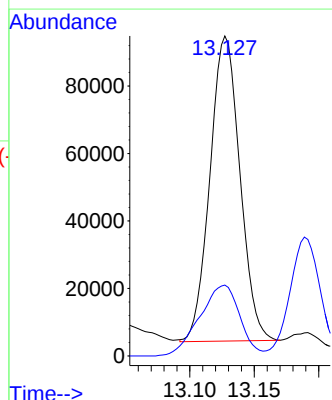
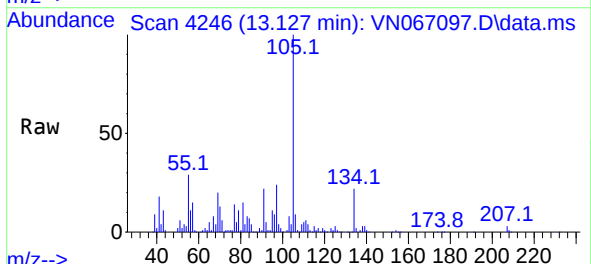
Instrument :
MSVOA_N
ClientSampleId :
30782

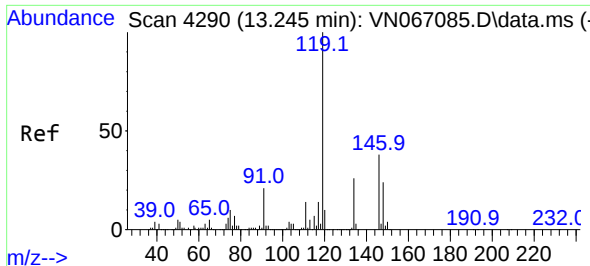
Tgt Ion:105 Resp: 1615954
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.2



#85
sec-Butylbenzene
Concen: 4.86 ug/l
RT: 13.127 min Scan# 4246
Delta R.T. 0.003 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion:105 Resp: 146050
Ion Ratio Lower Upper
105 100
134 31.1 10.5 31.5

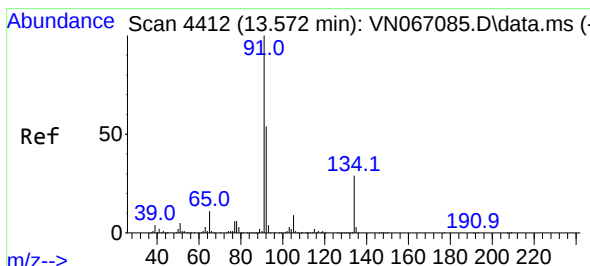
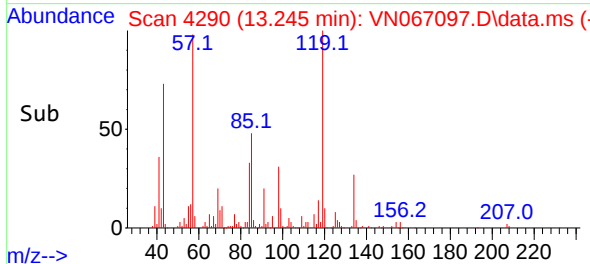
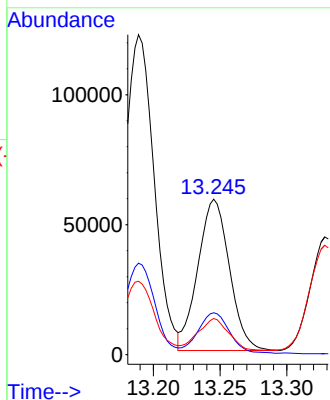
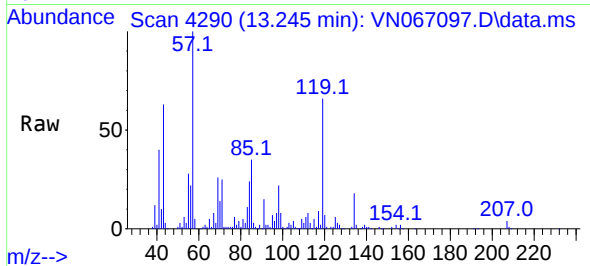




#86
p-Isopropyltoluene
Concen: 3.67 ug/l
RT: 13.245 min Scan# 4290
Delta R.T. 0.000 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

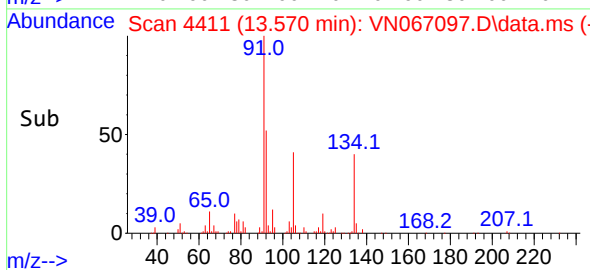
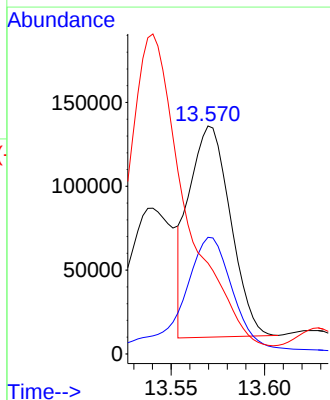
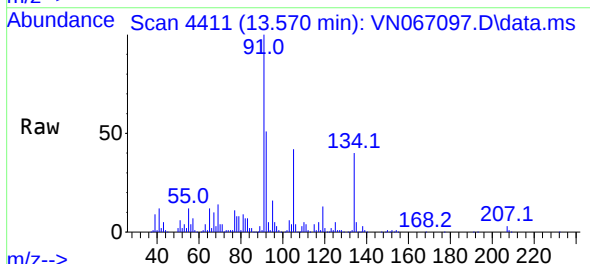
Instrument :
MSVOA_N
ClientSampleId :
30782

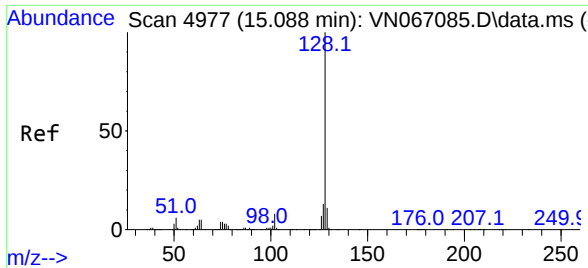
Tgt Ion:119 Resp: 95732
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.9
91 20.1 10.7 32.1



#89
n-Butylbenzene
Concen: 9.78 ug/l
RT: 13.570 min Scan# 4411
Delta R.T. -0.002 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Tgt Ion: 91 Resp: 193449
Ion Ratio Lower Upper
91 100
92 68.0 26.5 79.5
134 0.0 14.3 42.9#





#95
Naphthalene
Concen: 14.52 ug/l
RT: 15.088 min Scan# 4977
Delta R.T. -0.000 min
Lab File: VN067097.D
Acq: 17 May 2021 13:38

Instrument :
MSVOA_N
ClientSampleId :
30782

Tgt Ion:128 Resp: 195687
Ion Ratio Lower Upper
128 100
127 14.4 10.2 15.2
129 12.2 8.6 13.0

