

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067275.D
 Acq On : 10 Jun 2021 16:37
 Operator : JC/MD
 Sample : M2644-01
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

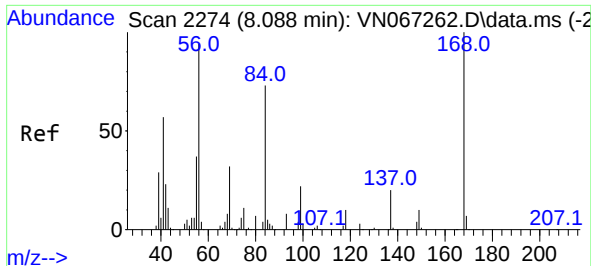
Instrument :
 MSVOA_N
 ClientSampleId :
 1846-75-76

Quant Time: Jun 11 05:40:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	365135	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	650894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	584623	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	274310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	317297	45.975	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.960%		
35) Dibromofluoromethane	8.018	113	205128	49.456	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.920%		
50) Toluene-d8	10.443	98	837752	51.396	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.733	95	349792	51.569	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.140%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.453	83	26103	3.595	ug/l	# 74
52) Toluene	10.507	92	573101	46.195	ug/l	100
67) Ethyl Benzene	11.848	91	304557	12.491	ug/l	93
68) m/p-Xylenes	11.953	106	397344	45.270	ug/l	83
69) o-Xylene	12.283	106	192456	22.356	ug/l	81
73) Isopropylbenzene	12.583	105	72243	2.796	ug/l	97
78) n-propylbenzene	12.924	91	294939	9.780	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	365634	16.566	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	1414198	65.418	ug/l	92
85) sec-Butylbenzene	13.503	105	136780	5.399	ug/l	90
86) p-Isopropyltoluene	13.618	119	91179	4.252	ug/l	91
89) n-Butylbenzene	13.943	91	295985	14.999	ug/l	# 78

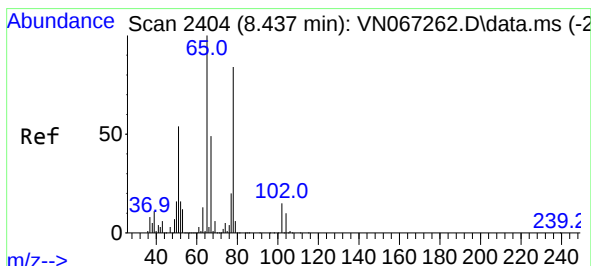
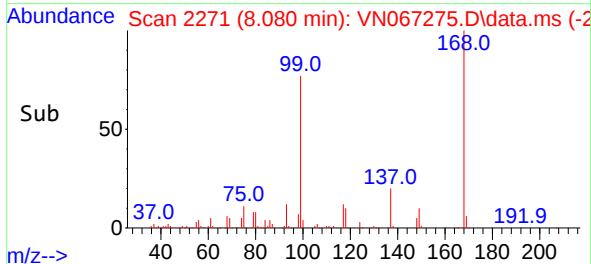
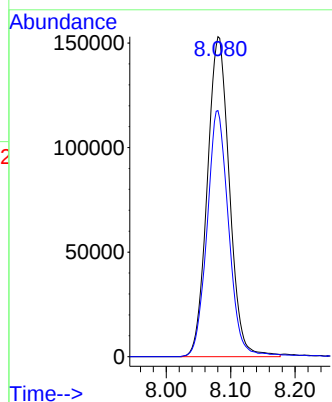
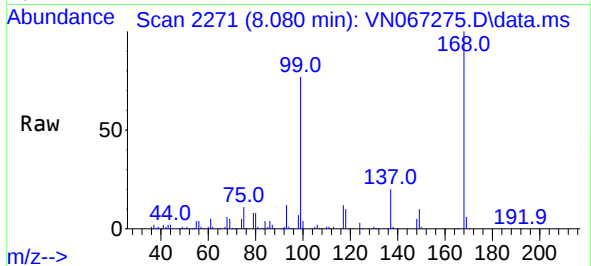
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.008 min
Lab File: VN067275.D
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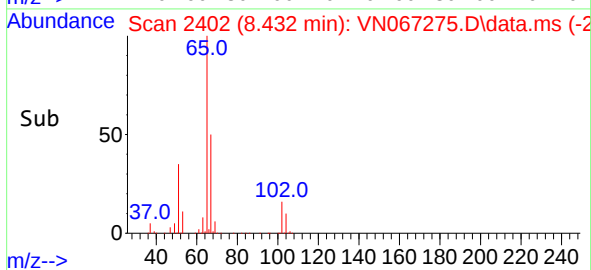
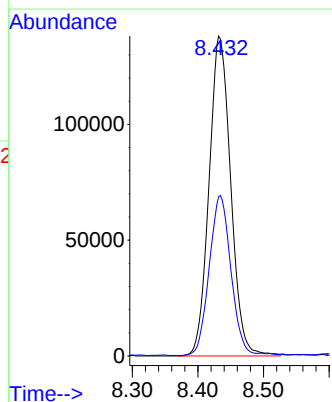
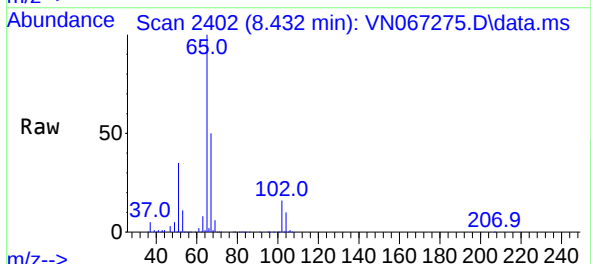
Instrument :
MSVOA_N
ClientSampleId :
1846-75-76

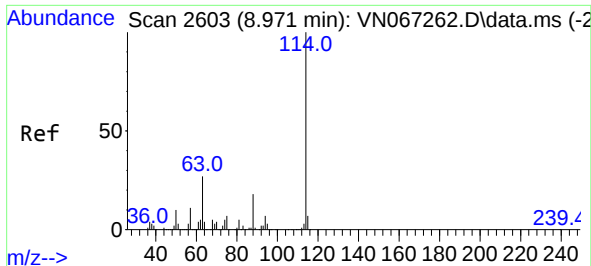
Tgt Ion:168 Resp: 365135
Ion Ratio Lower Upper
168 100
99 76.9 38.5 57.7#



#33
1,2-Dichloroethane-d4
Concen: 45.975 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion: 65 Resp: 317297
Ion Ratio Lower Upper
65 100
67 49.8 0.0 110.4

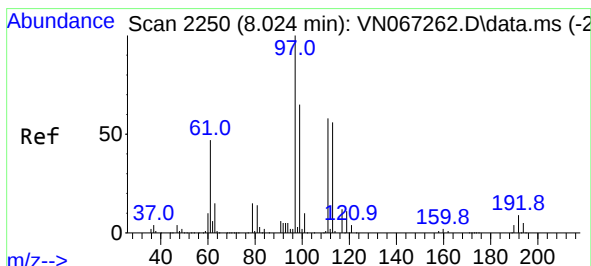
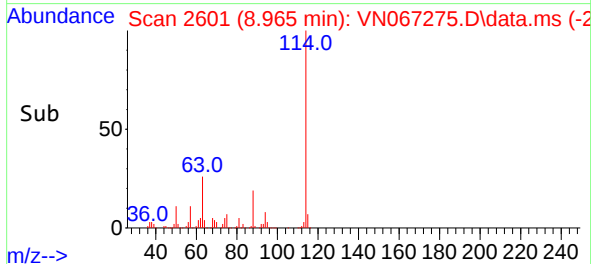
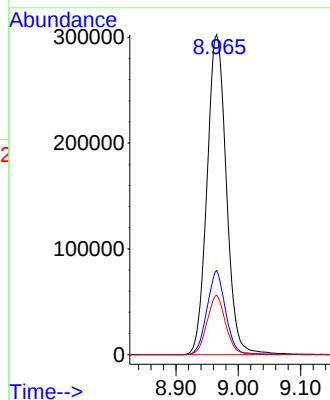
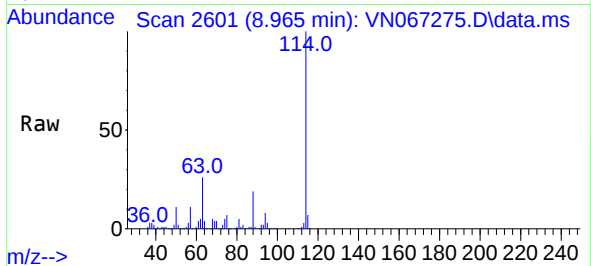




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.006 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

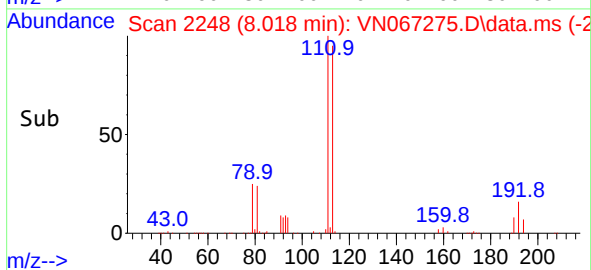
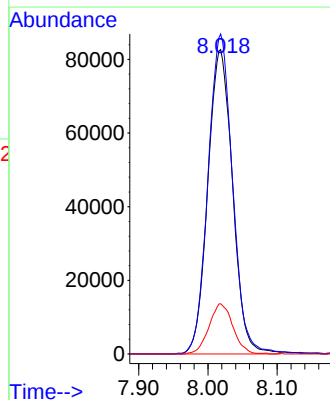
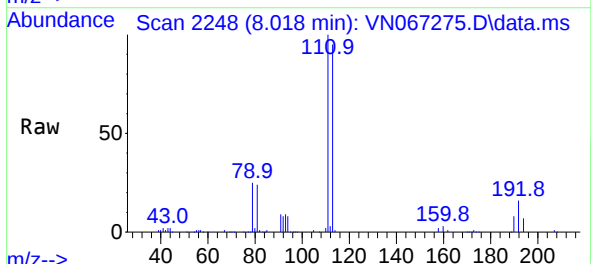
Instrument :
MSVOA_N
ClientSampleId :
1846-75-76

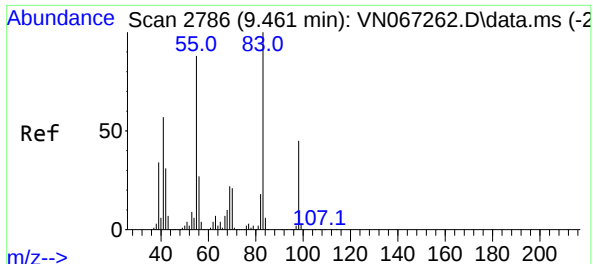
Tgt Ion:	114	Resp:	650894
Ion	Ratio	Lower	Upper
114	100		
63	26.3	0.0	35.8
88	18.6	0.0	30.4



#35
Dibromofluoromethane
Concen: 49.456 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion:	113	Resp:	205128
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	15.9	18.2	27.4





#39

Methylcyclohexane

Concen: 3.595 ug/l

RT: 9.453 min Scan# 2783

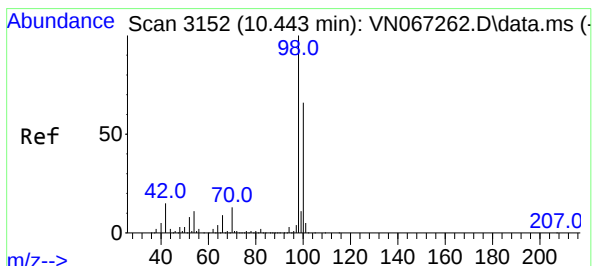
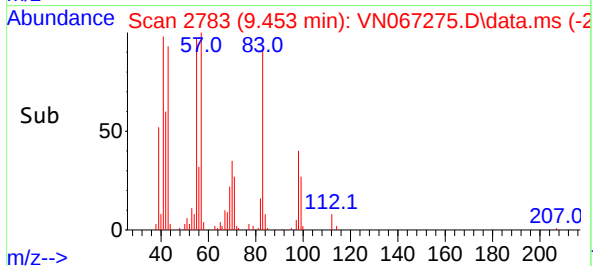
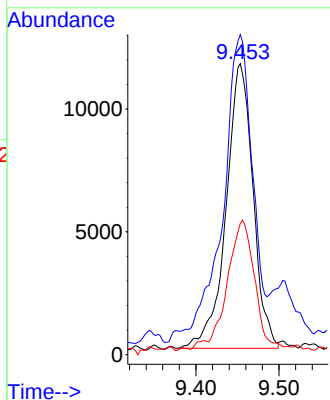
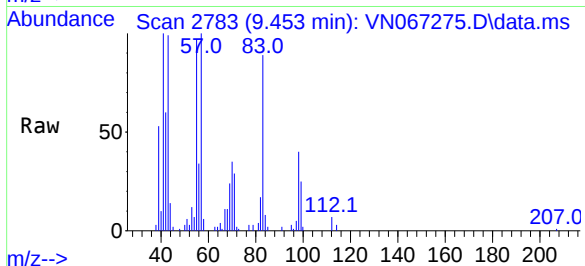
Delta R.T. -0.008 min

Lab File: VN067275.D

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Tgt Ion:	83	Resp:	26103
Ion	Ratio	Lower	Upper
83	100		
55	104.1	56.2	84.2#
98	44.5	36.8	55.2

Instrument :
MSVOA_N
ClientSampleId :
1846-75-76



#50

Toluene-d8

Concen: 51.396 ug/l

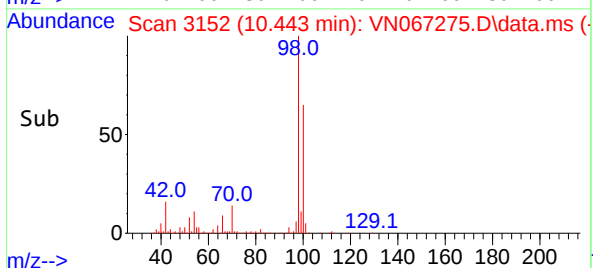
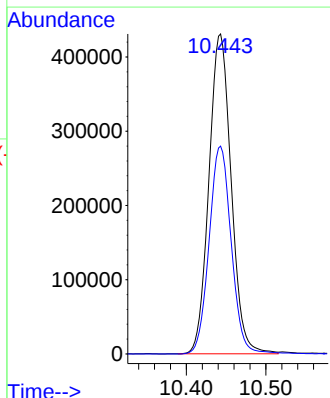
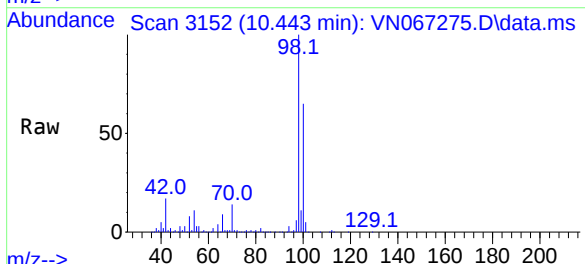
RT: 10.443 min Scan# 3152

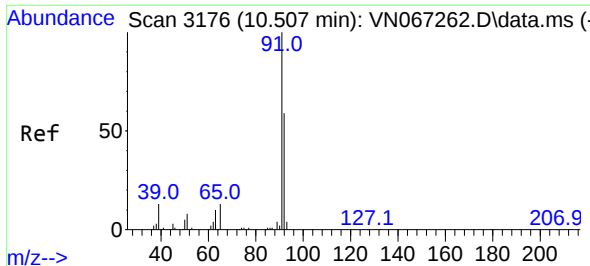
Delta R.T. -0.000 min

Lab File: VN067275.D

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Tgt Ion:	98	Resp:	837752
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.8

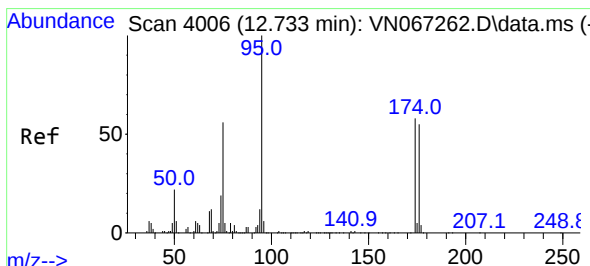
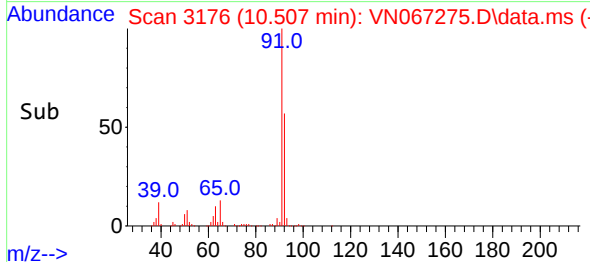
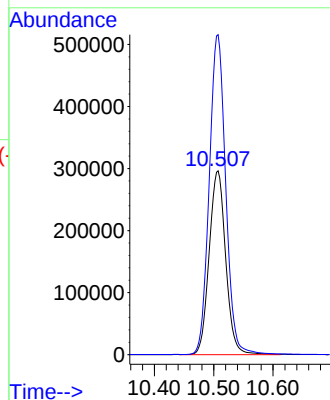
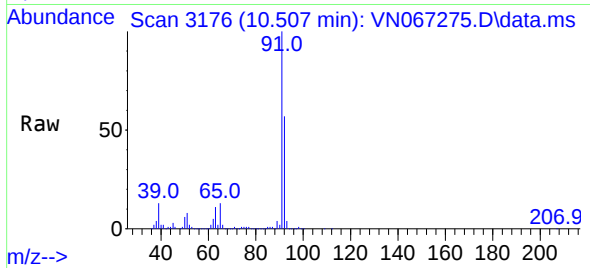




#52
Toluene
Concen: 46.195 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

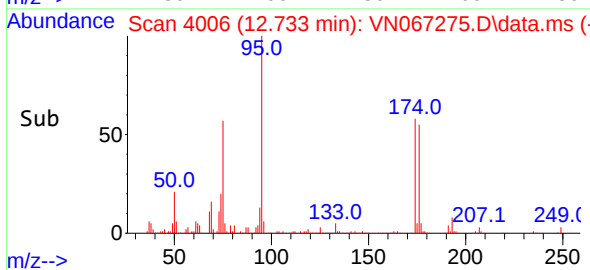
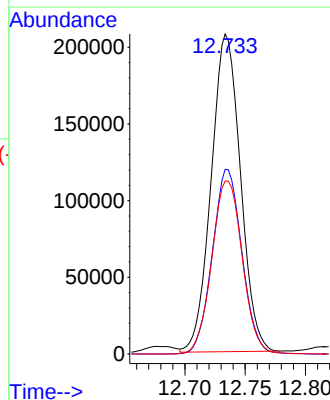
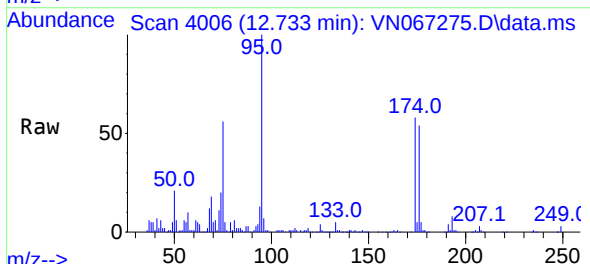
Instrument :
MSVOA_N
ClientSampleId :
1846-75-76

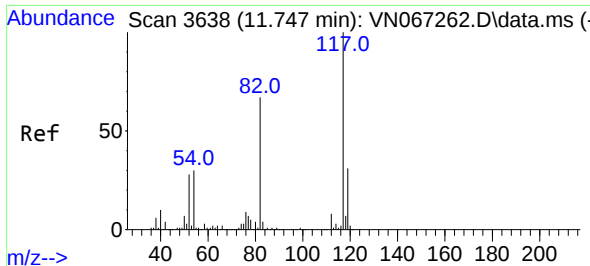
Tgt Ion: 92 Resp: 573101
Ion Ratio Lower Upper
92 100
91 173.3 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 51.569 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion: 95 Resp: 349792
Ion Ratio Lower Upper
95 100
174 58.8 0.0 182.8
176 56.8 0.0 176.6

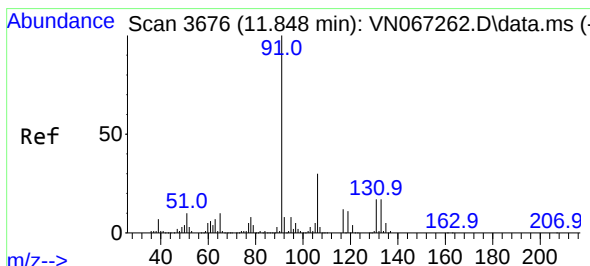
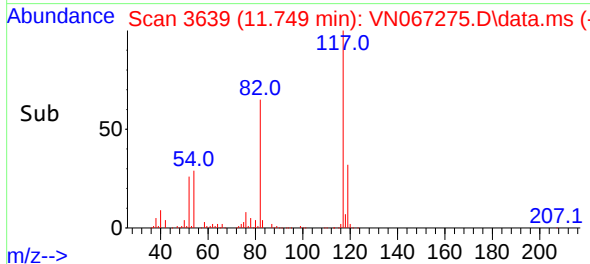
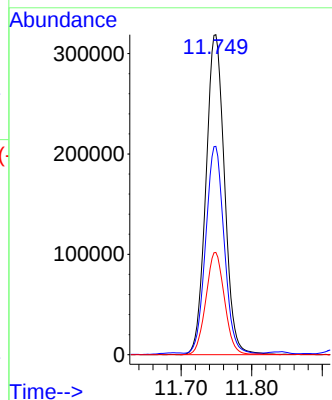
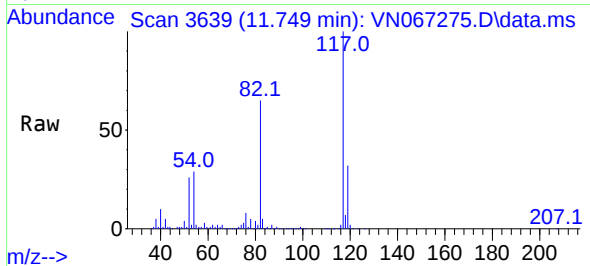




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

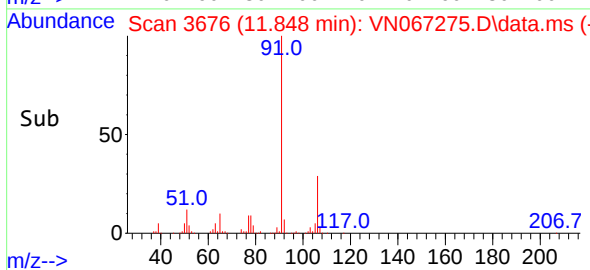
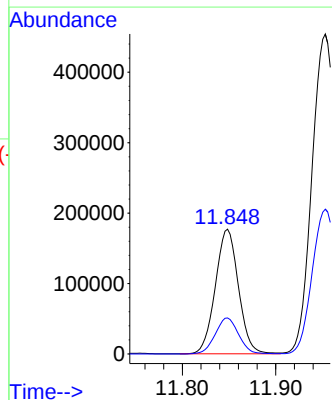
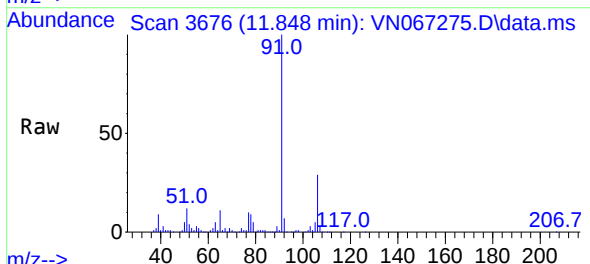
Instrument :
MSVOA_N
ClientSampleId :
1846-75-76

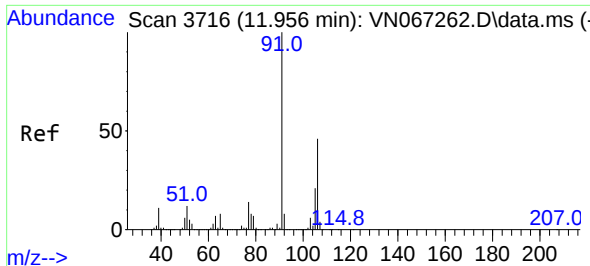
Tgt Ion:117 Resp: 584623
Ion Ratio Lower Upper
117 100
82 64.6 42.2 63.2#
119 32.0 25.8 38.6



#67
Ethyl Benzene
Concen: 12.491 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion: 91 Resp: 304557
Ion Ratio Lower Upper
91 100
106 28.9 26.2 39.2

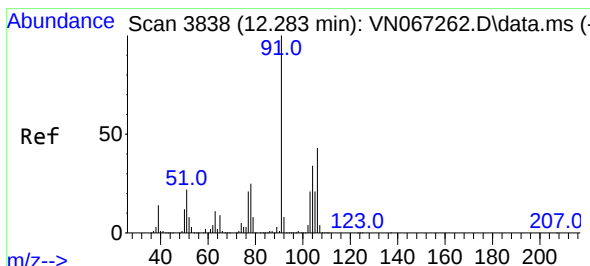
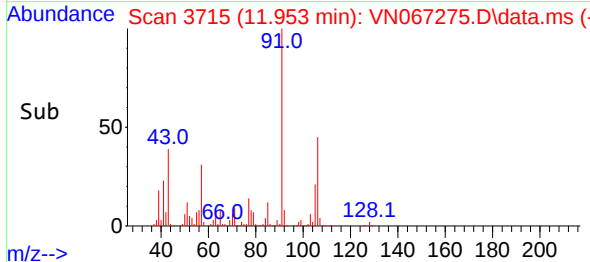
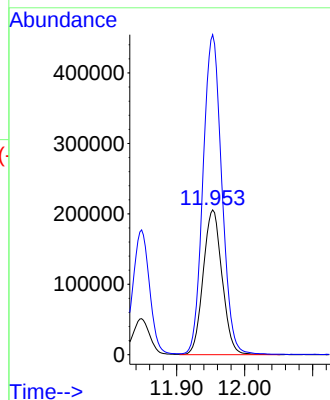
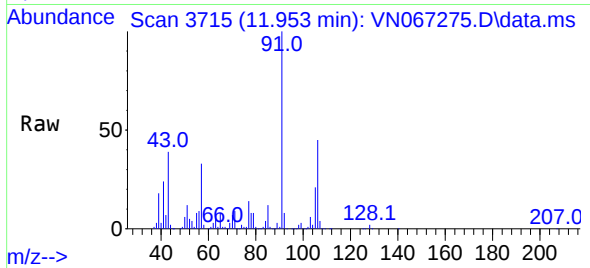




#68
m/p-Xylenes
Concen: 45.270 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

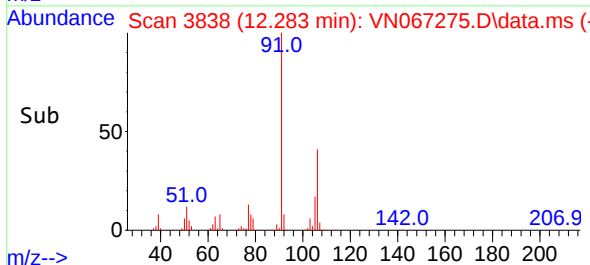
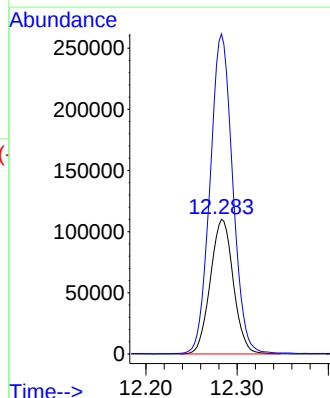
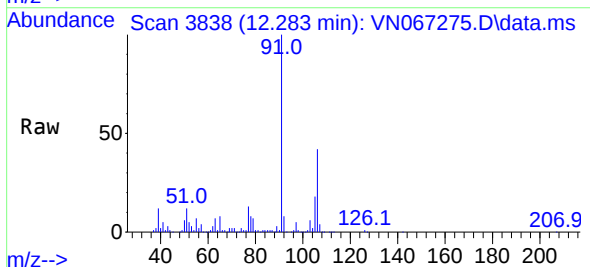
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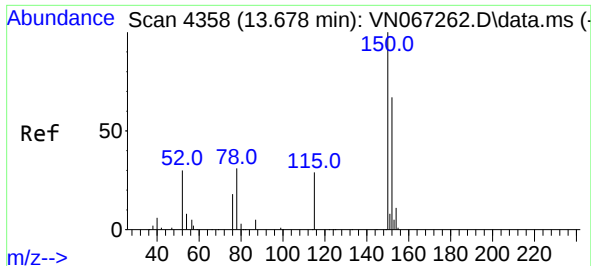
Tgt Ion:106 Resp: 397344
Ion Ratio Lower Upper
106 100
91 219.4 155.2 232.8



#69
o-Xylene
Concen: 22.356 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion:106 Resp: 192456
Ion Ratio Lower Upper
106 100
91 234.1 102.3 306.8

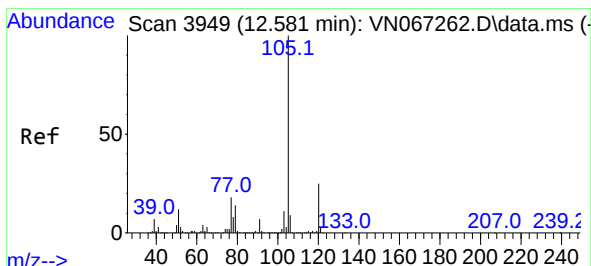
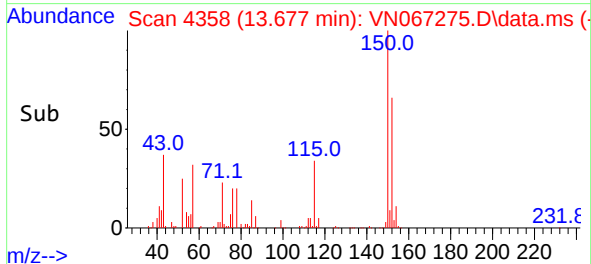
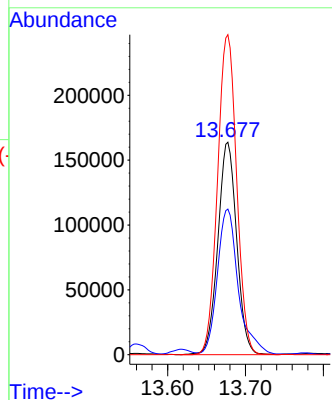
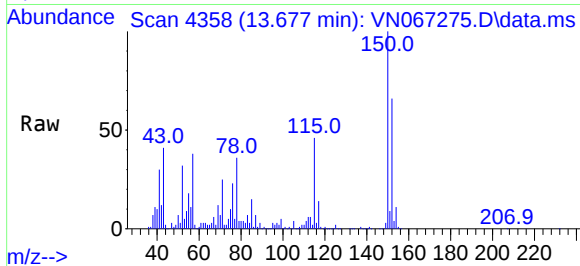




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

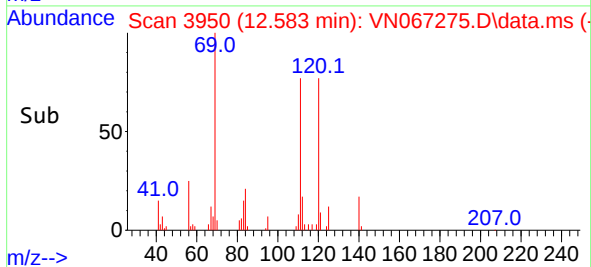
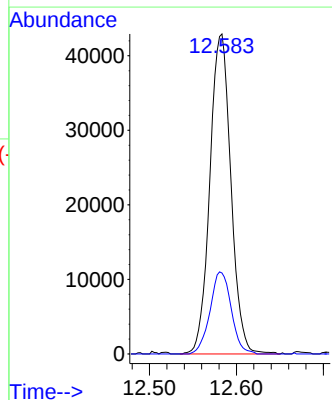
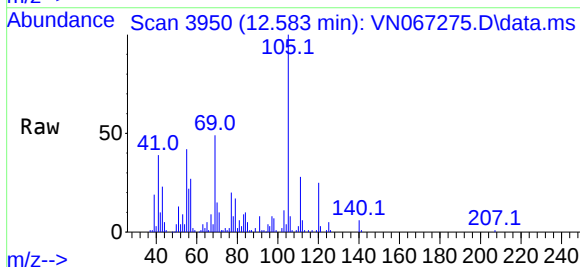
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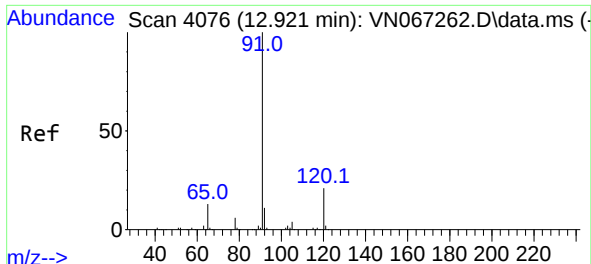
Tgt Ion:152 Resp: 274310
Ion Ratio Lower Upper
152 100
115 75.8 27.0 80.8
150 152.9 0.0 350.2



#73
Isopropylbenzene
Concen: 2.796 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion:105 Resp: 72243
Ion Ratio Lower Upper
105 100
120 25.9 13.7 41.0

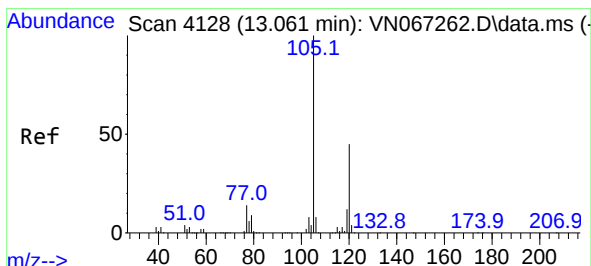
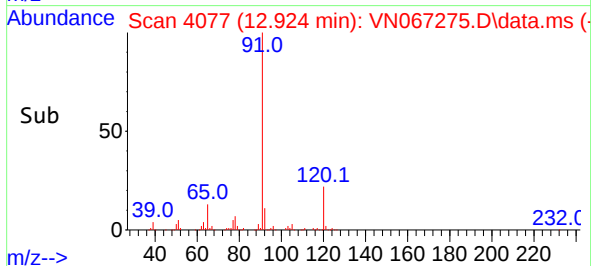
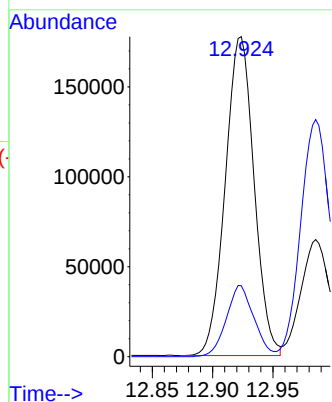
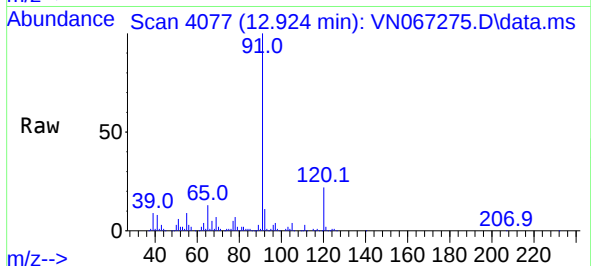




#78
n-propylbenzene
Concen: 9.780 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

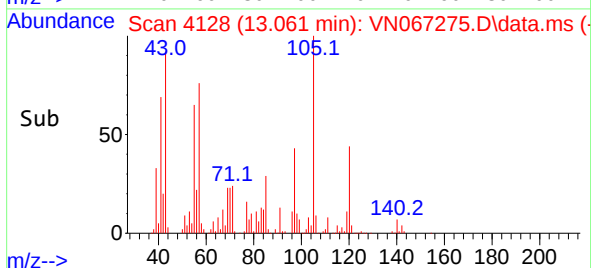
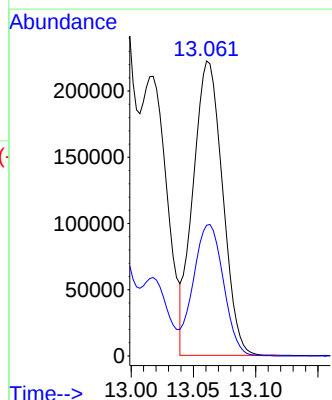
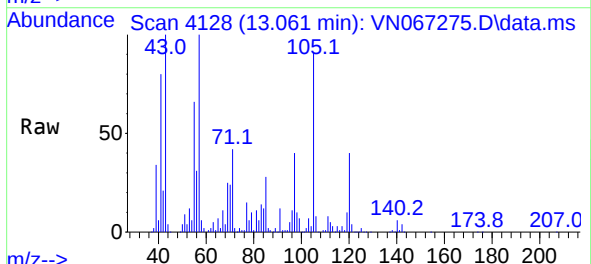
Instrument :
MSVOA_N
ClientSampleId :
1846-75-76

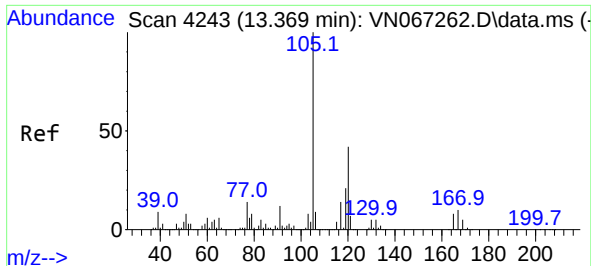
Tgt Ion: 91 Resp: 294939
Ion Ratio Lower Upper
91 100
120 21.3 12.7 38.0



#80
1,3,5-Trimethylbenzene
Concen: 16.566 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion: 105 Resp: 365634
Ion Ratio Lower Upper
105 100
120 45.4 25.0 75.0

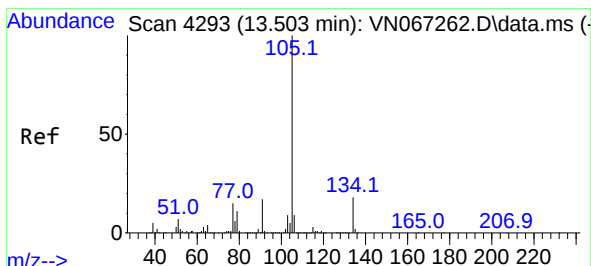
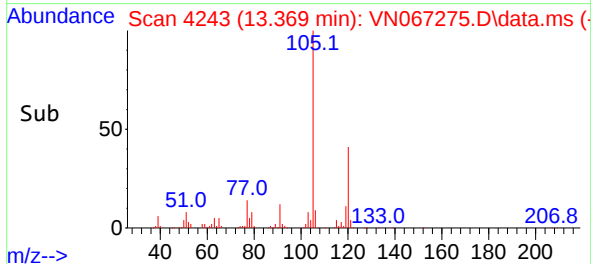
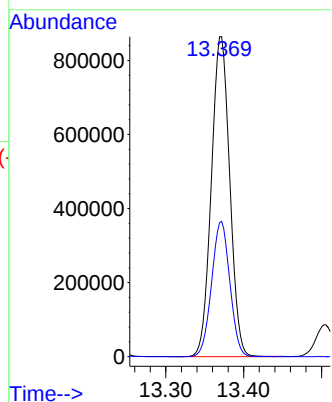
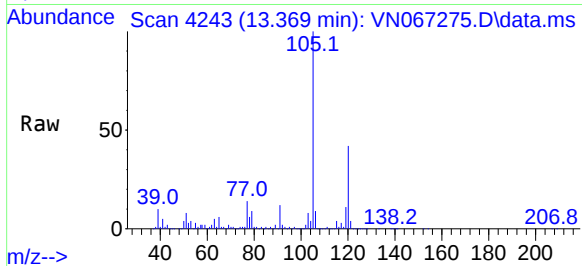




#84
1,2,4-Trimethylbenzene
Concen: 65.418 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

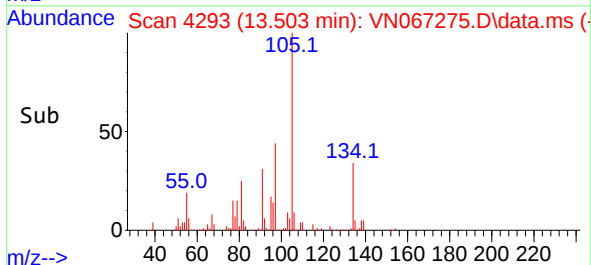
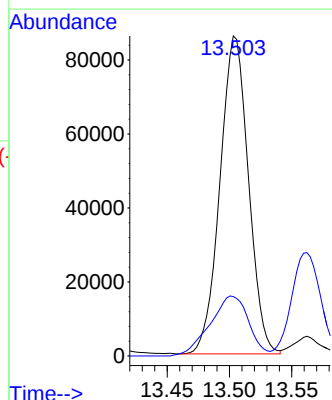
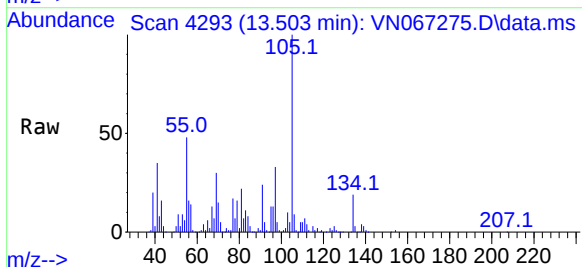
Instrument :
MSVOA_N
ClientSampleId :
1846-75-76

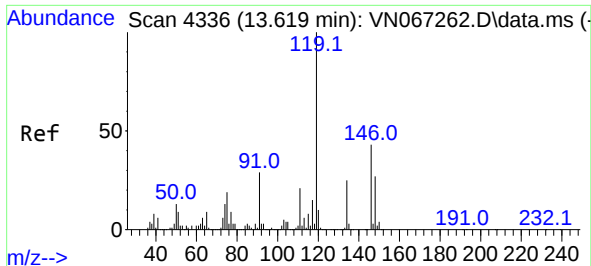
Tgt Ion:105 Resp: 1414198
Ion Ratio Lower Upper
105 100
120 42.0 23.8 71.2



#85
sec-Butylbenzene
Concen: 5.399 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion:105 Resp: 136780
Ion Ratio Lower Upper
105 100
134 25.5 10.5 31.5

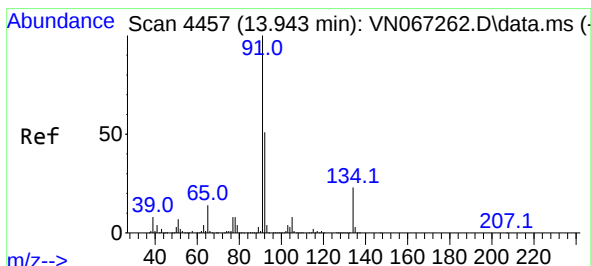
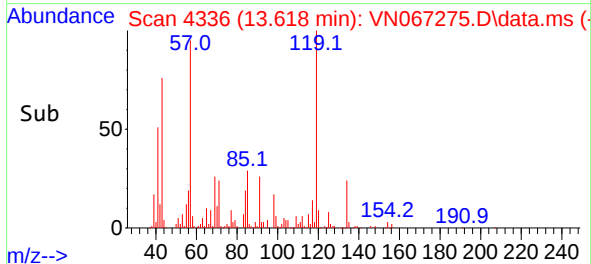
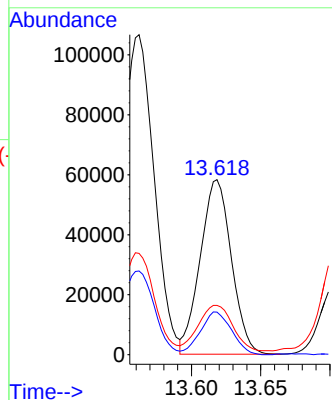
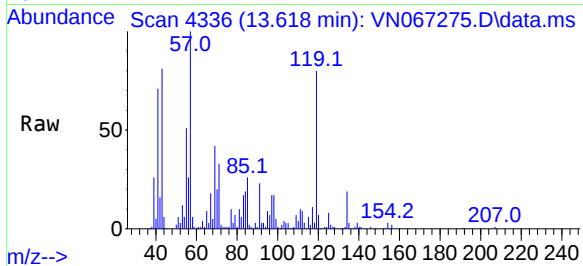




#86
p-Isopropyltoluene
Concen: 4.252 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
1846-75-76

Tgt Ion:	119	Resp:	91179
Ion	Ratio	Lower	Upper
119	100		
134	24.5	13.3	39.9
91	28.3	10.7	32.1



#89
n-Butylbenzene
Concen: 14.999 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN067275.D
Acq: 10 Jun 2021 16:37

Tgt Ion:	91	Resp:	295985
Ion	Ratio	Lower	Upper
91	100		
92	56.4	26.5	79.5
134	0.0	14.3	42.9

