

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067504.D
 Acq On : 25 Jun 2021 15:06
 Operator : JC/MD
 Sample : M2806-02 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jun 29 02:00:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

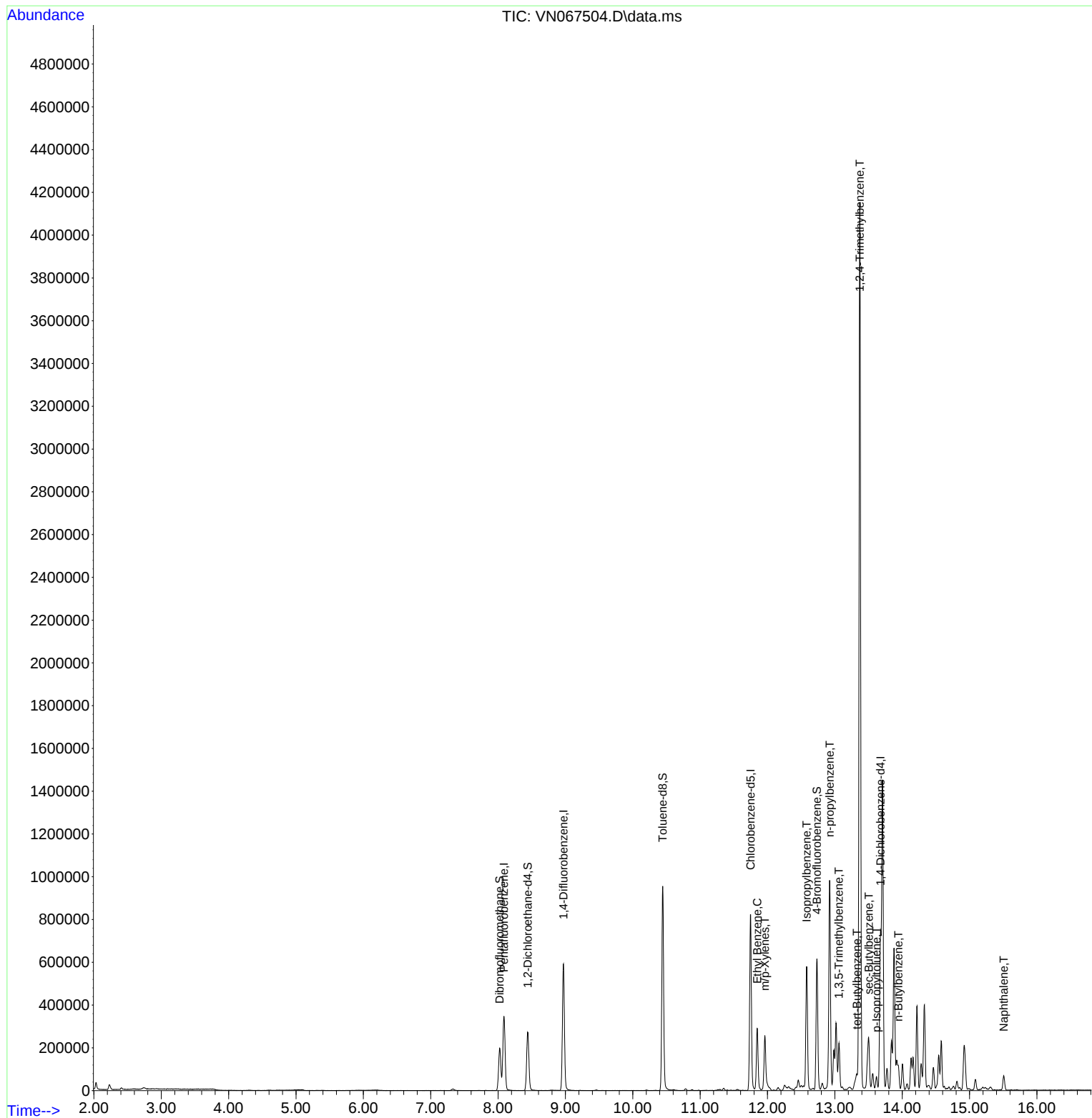
Internal Standards						
1) Pentafluorobenzene	8.088	168	201952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	459131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	410048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	150978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	227835	55.124	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.240%			
35) Dibromofluoromethane	8.024	113	140250	49.583	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.160%			
50) Toluene-d8	10.443	98	636287	52.742	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.480%			
62) 4-Bromofluorobenzene	12.734	95	220928	51.399	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.800%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.848	91	205628	11.846	ug/l	100
68) m/p-Xylenes	11.961	106	67495	11.485	ug/l	98
73) Isopropylbenzene	12.581	105	378028	24.596	ug/l	98
78) n-propylbenzene	12.924	91	786227	41.484	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	106509	8.485	ug/l	96
83) tert-Butylbenzene	13.326	119	27731	2.798	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	2303025	187.032	ug/l	98
85) sec-Butylbenzene	13.503	105	144914	9.768	ug/l	83
86) p-Isopropyltoluene	13.619	119	28609	2.593	ug/l	98
89) n-Butylbenzene	13.943	91	66426	6.008	ug/l #	82
95) Naphthalene	15.507	128	53976	9.316	ug/l	99

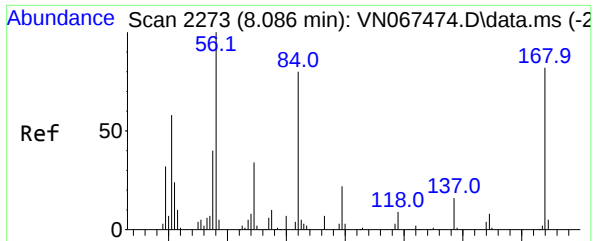
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
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Response via : Initial Calibration

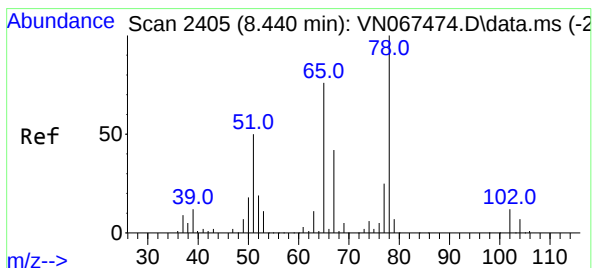
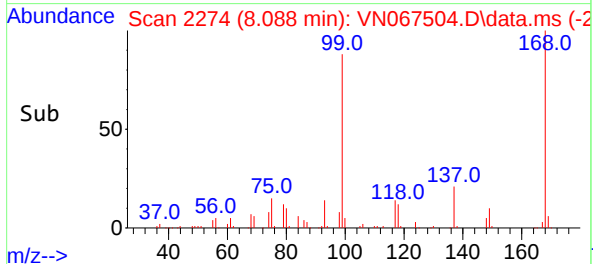
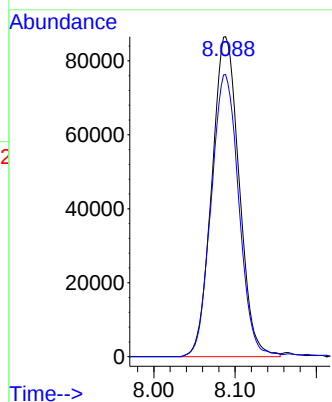
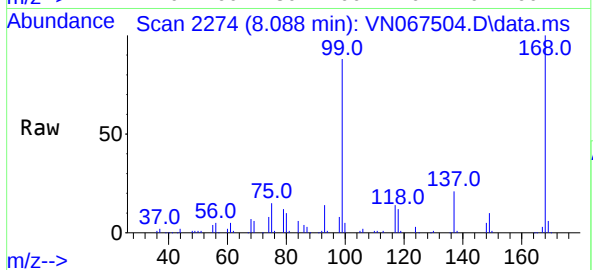




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

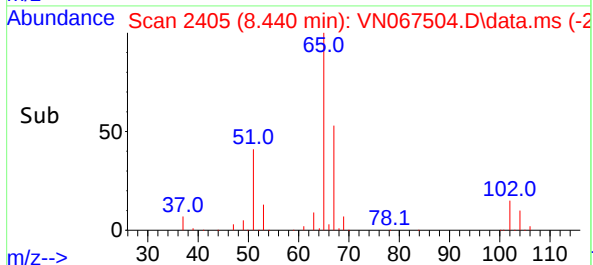
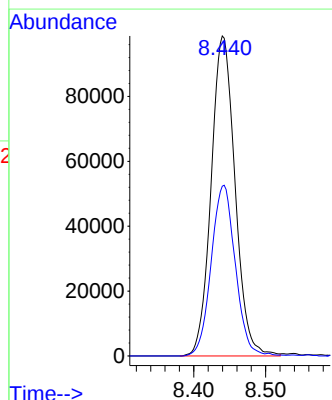
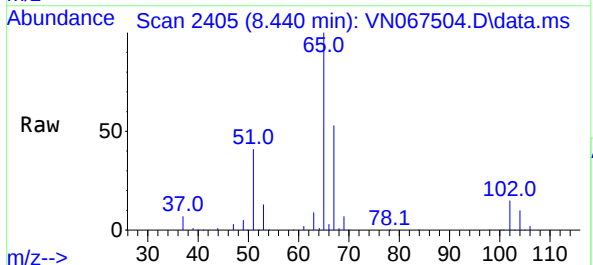
Instrument :
MSVOA_N
ClientSampleId :
MW-2

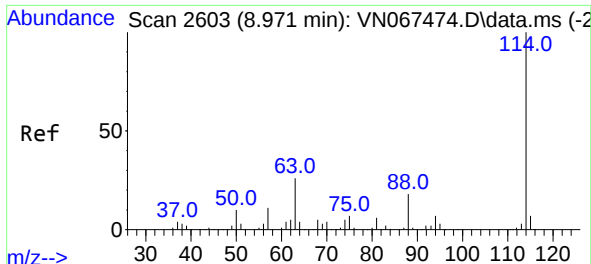
Tgt Ion:168 Resp: 201952
Ion Ratio Lower Upper
168 100
99 88.1 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 55.124 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion: 65 Resp: 227835
Ion Ratio Lower Upper
65 100
67 53.5 0.0 98.6



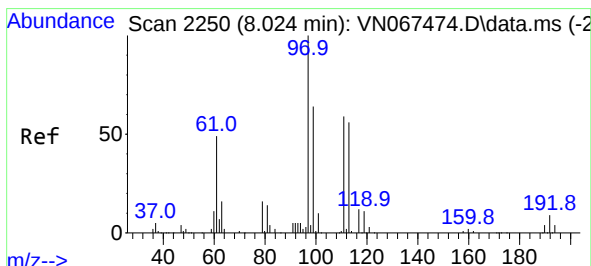
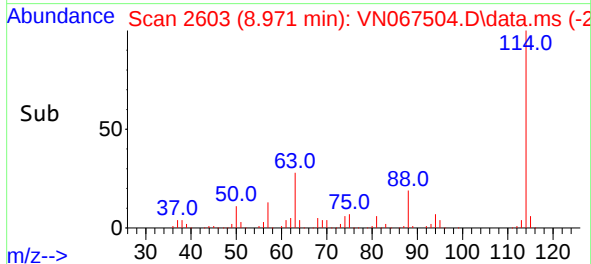
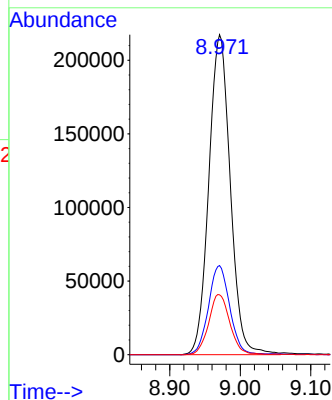
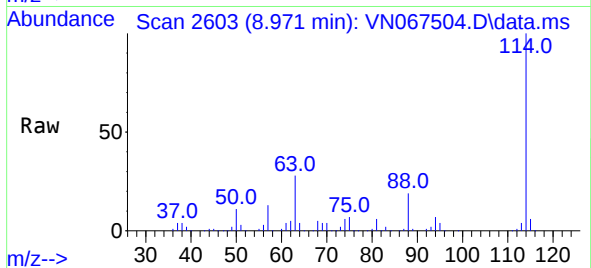


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tgt Ion:114 Resp: 459131

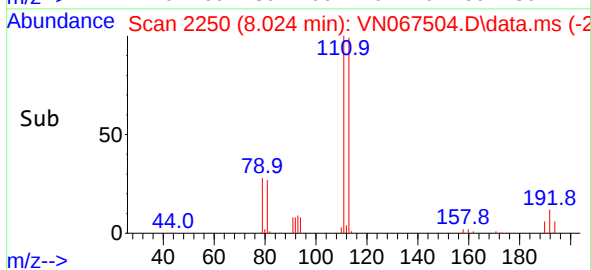
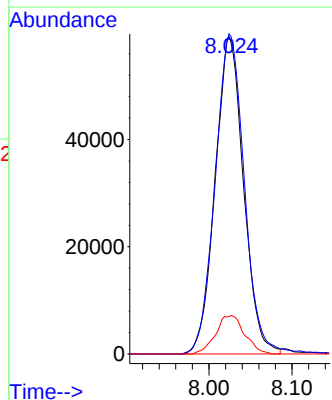
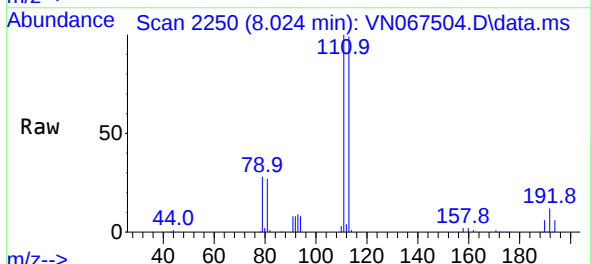
Ion	Ratio	Lower	Upper
114	100		
63	27.8	0.0	49.0
88	18.7	0.0	36.6

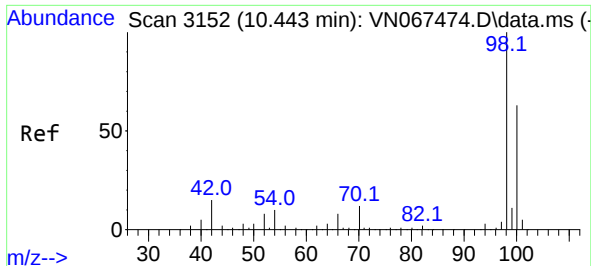


#35
Dibromofluoromethane
Concen: 49.583 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion:113 Resp: 140250

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.8	125.8
192	12.4	13.4	20.0#

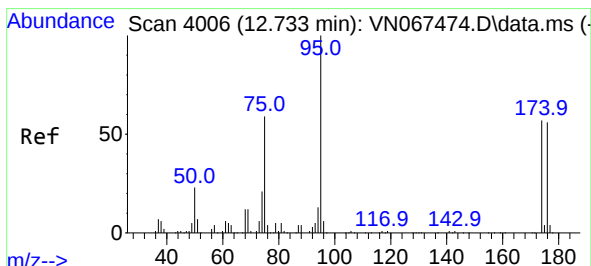
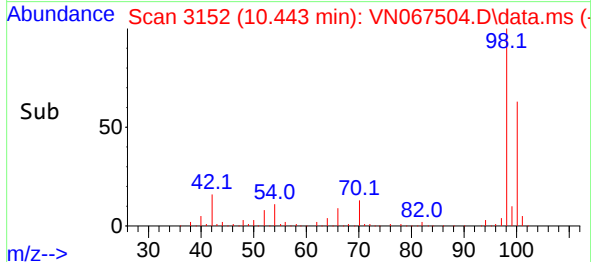
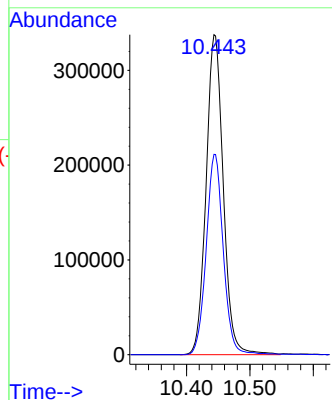
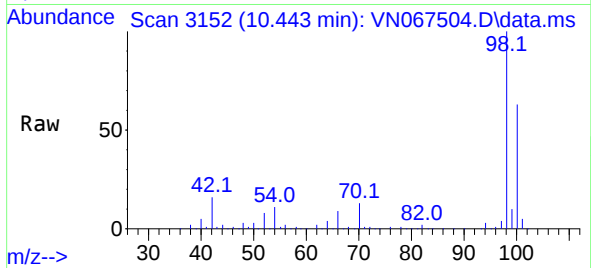




#50
Toluene-d8
Concen: 52.742 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

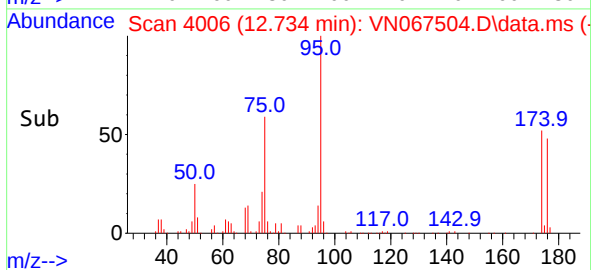
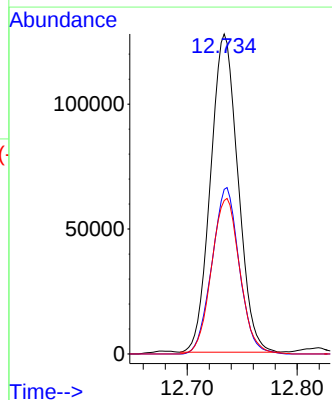
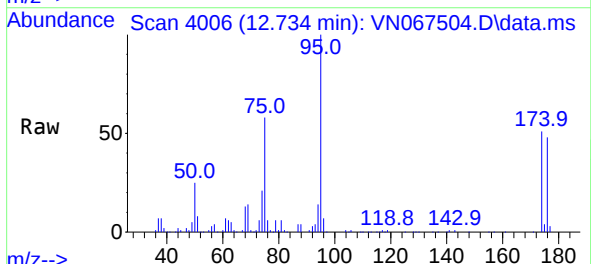
Instrument :
MSVOA_N
ClientSampled :
MW-2

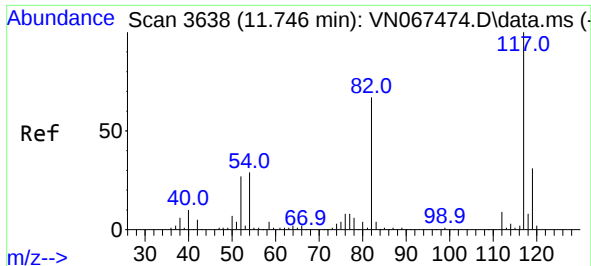
Tgt Ion: 98 Resp: 636287
Ion Ratio Lower Upper
98 100
100 61.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.399 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion: 95 Resp: 220928
Ion Ratio Lower Upper
95 100
174 52.0 0.0 122.0
176 50.6 0.0 117.6

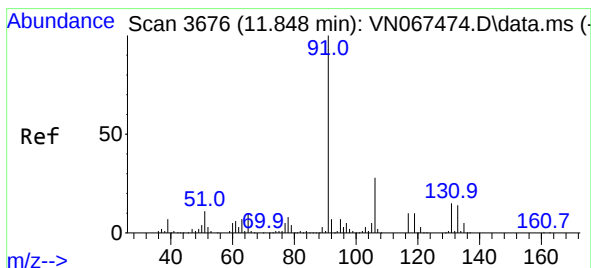
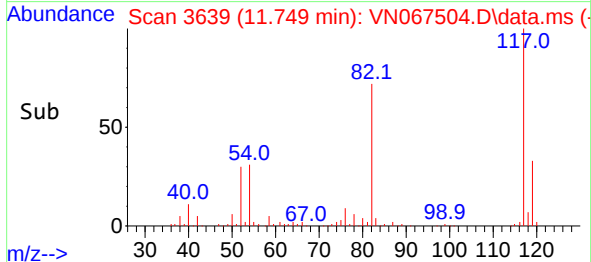
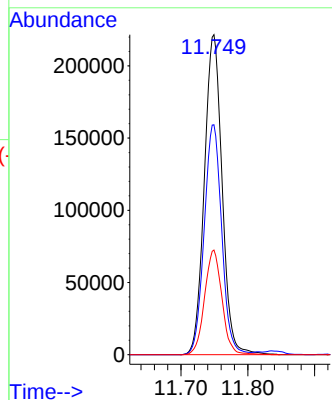
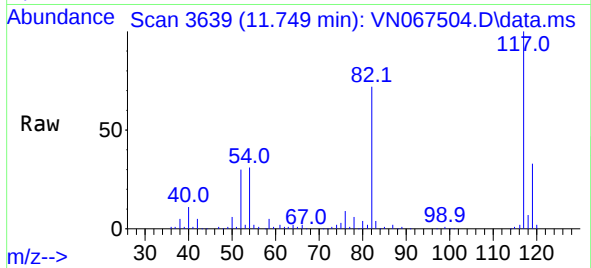




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

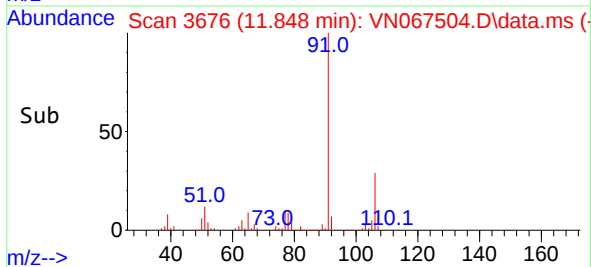
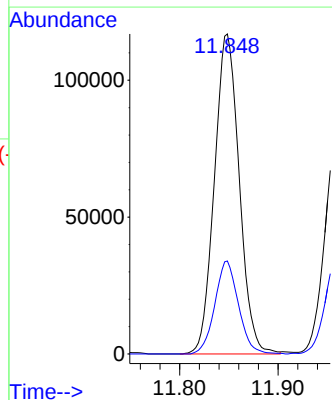
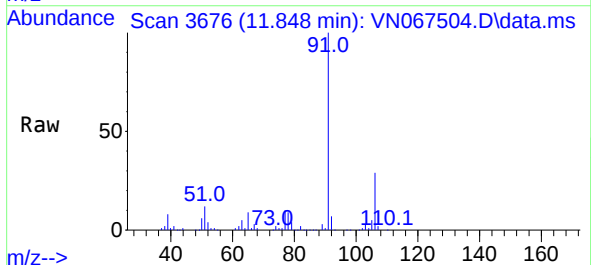
Instrument :
MSVOA_N
ClientSampleId :
MW-2

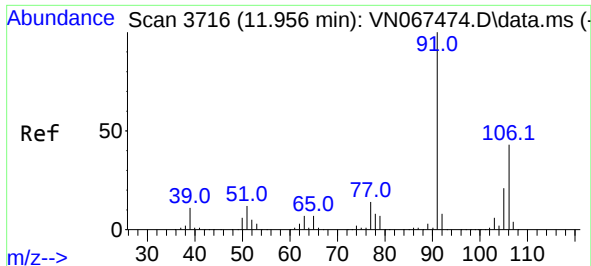
Tgt Ion:117 Resp: 410048
Ion Ratio Lower Upper
117 100
82 71.9 53.1 79.7
119 32.7 25.5 38.3



#67
Ethyl Benzene
Concen: 11.846 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion: 91 Resp: 205628
Ion Ratio Lower Upper
91 100
106 29.1 23.4 35.0

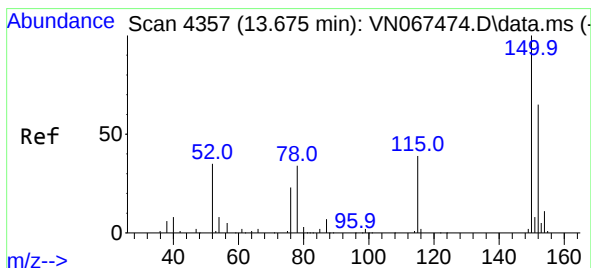
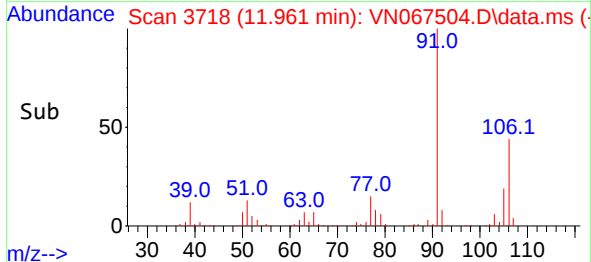
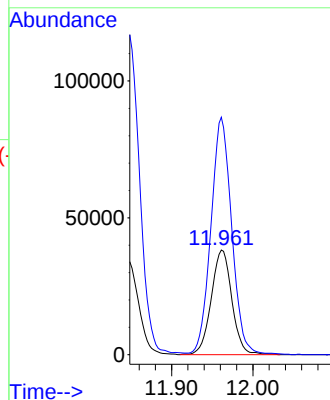
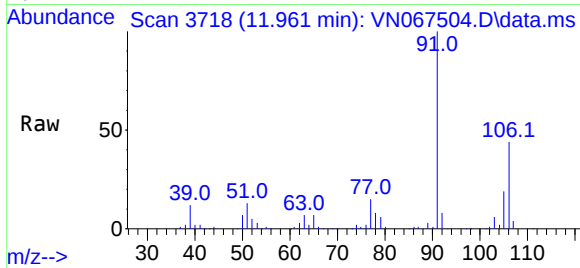




#68
m/p-Xylenes
Concen: 11.485 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

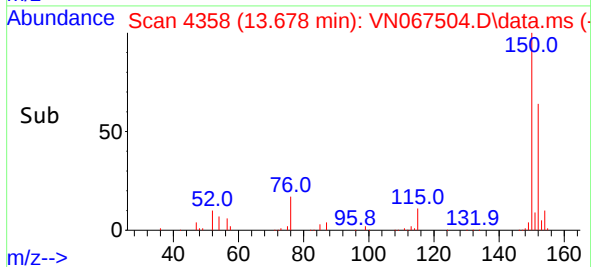
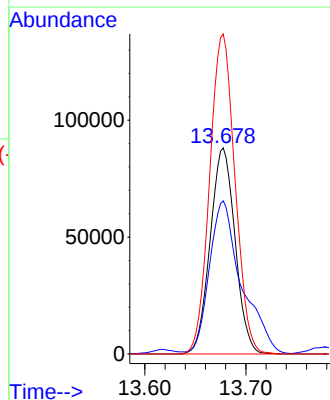
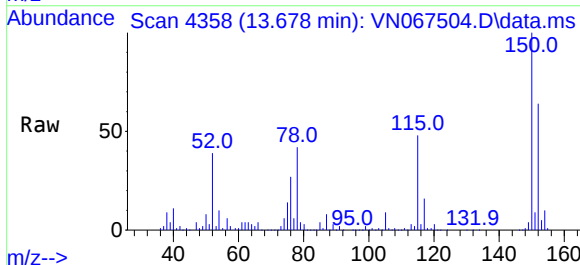
Instrument :
MSVOA_N
ClientSampled :
MW-2

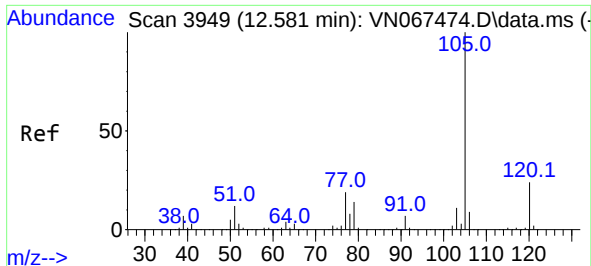
Tgt Ion:106 Resp: 67495
Ion Ratio Lower Upper
106 100
91 229.4 180.6 270.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion:152 Resp: 150978
Ion Ratio Lower Upper
152 100
115 95.6 36.1 108.5
150 157.8 0.0 351.8

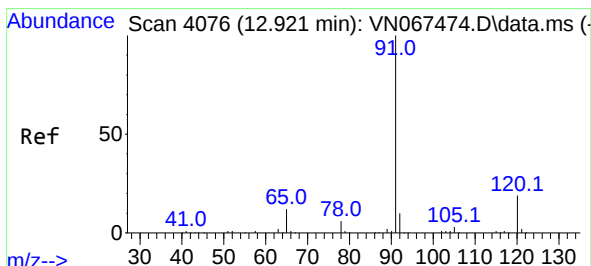
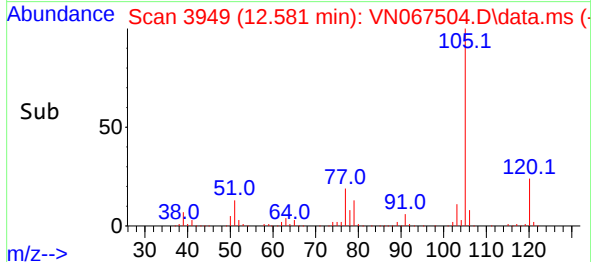
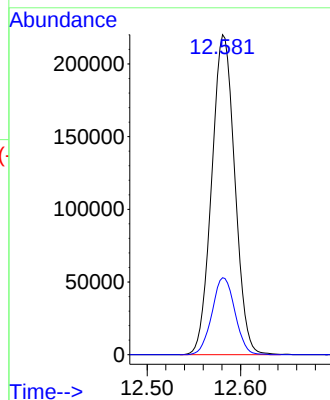
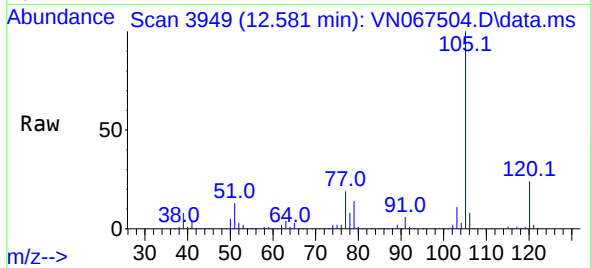




#73
Isopropylbenzene
Concen: 24.596 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

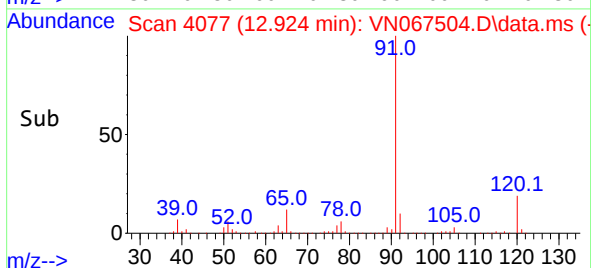
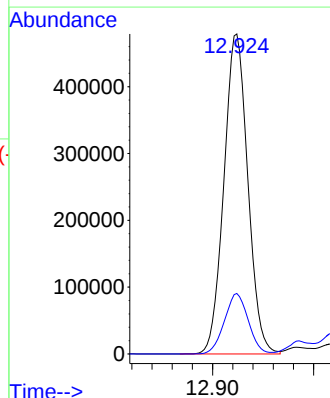
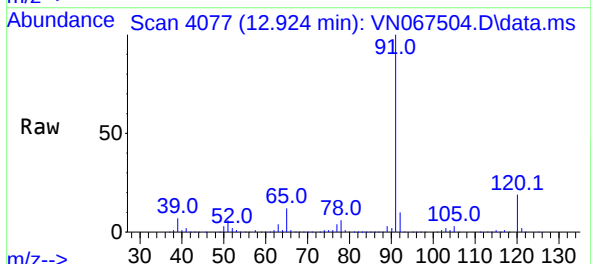
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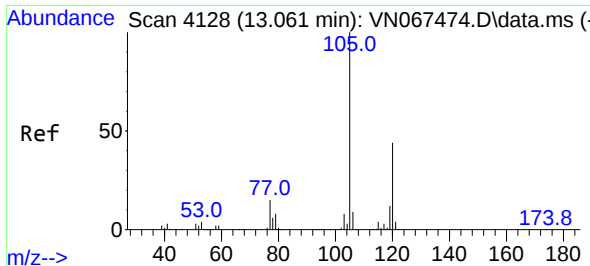
Tgt Ion:105 Resp: 378028
Ion Ratio Lower Upper
105 100
120 23.9 12.5 37.5



#78
n-propylbenzene
Concen: 41.484 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion: 91 Resp: 786227
Ion Ratio Lower Upper
91 100
120 18.9 10.4 31.4

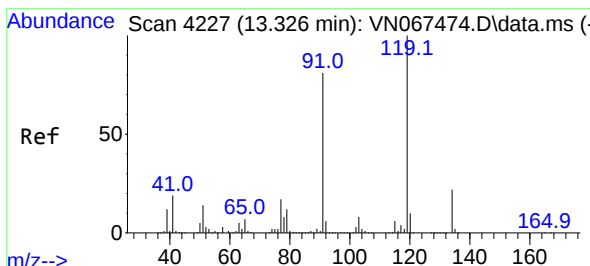
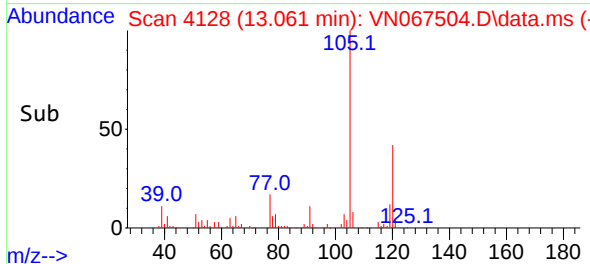
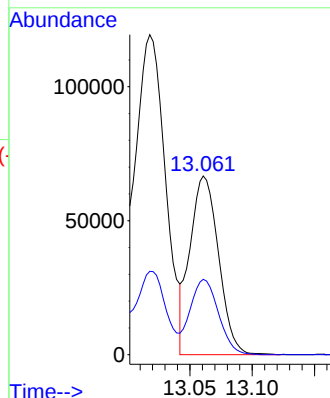
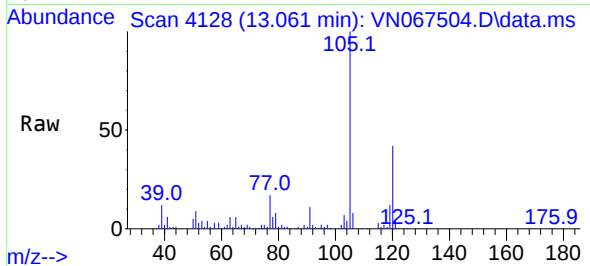




#80
1,3,5-Trimethylbenzene
Concen: 8.485 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

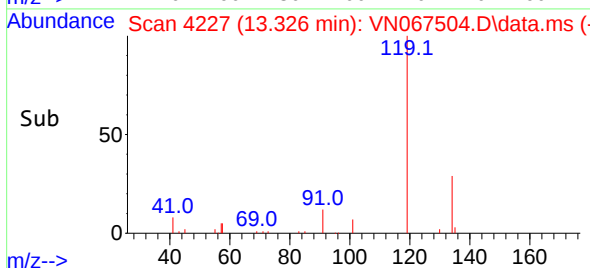
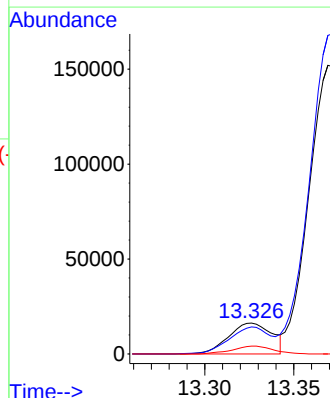
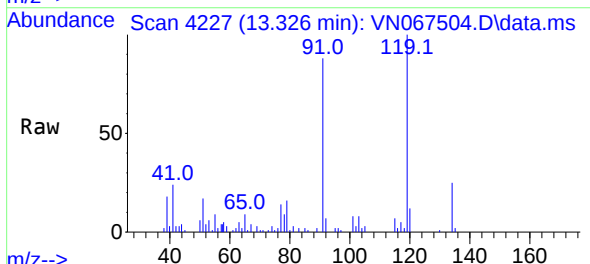
Instrument :
MSVOA_N
ClientSampled :
MW-2

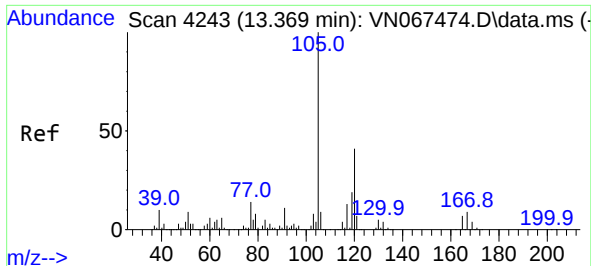
Tgt Ion:105 Resp: 106509
Ion Ratio Lower Upper
105 100
120 41.5 22.2 66.6



#83
tert-Butylbenzene
Concen: 2.798 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion:119 Resp: 27731
Ion Ratio Lower Upper
119 100
91 81.4 39.5 118.5
134 23.5 12.0 36.0

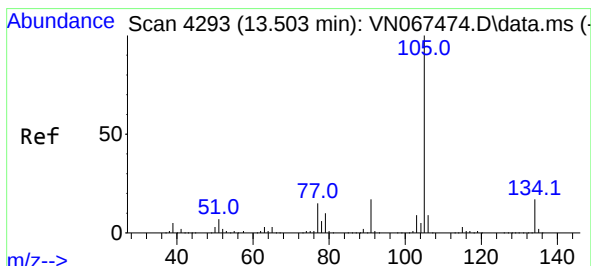
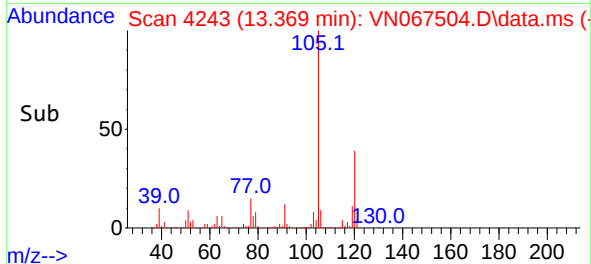
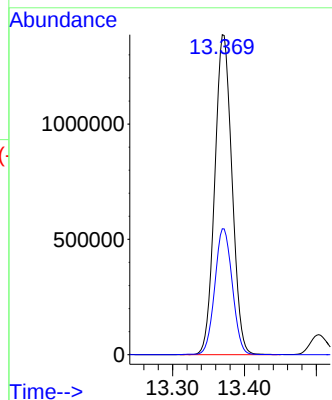
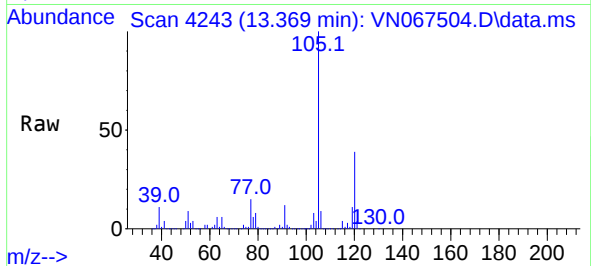




#84
1,2,4-Trimethylbenzene
Concen: 187.032 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

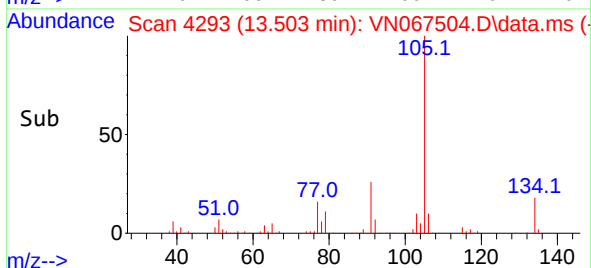
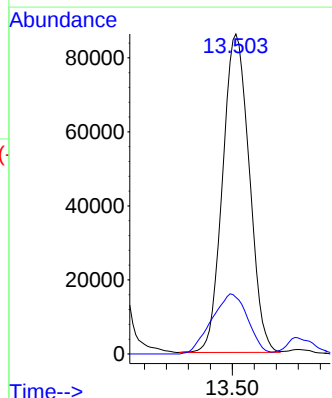
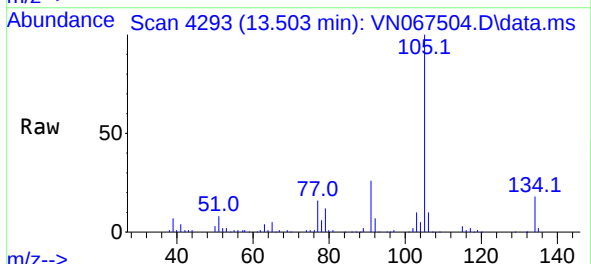
Instrument :
MSVOA_N
ClientSampled :
MW-2

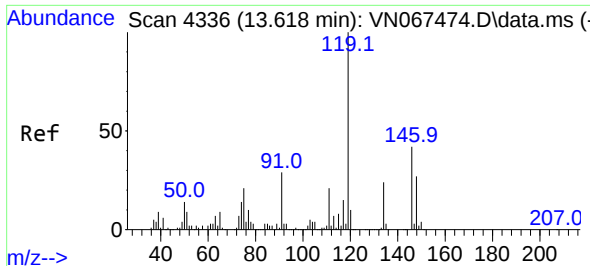
Tgt Ion:105 Resp: 2303025
Ion Ratio Lower Upper
105 100
120 40.1 20.6 61.8



#85
sec-Butylbenzene
Concen: 9.768 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion:105 Resp: 144914
Ion Ratio Lower Upper
105 100
134 25.6 9.0 27.1

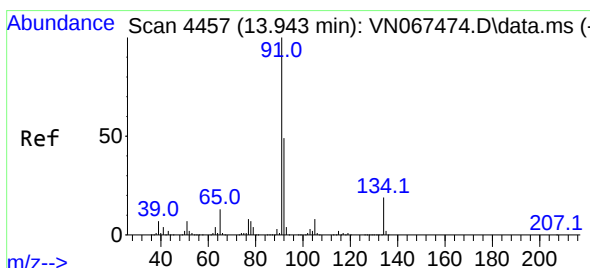
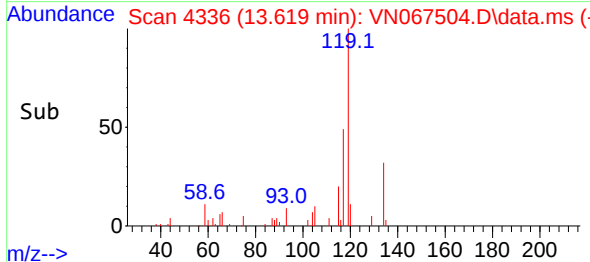
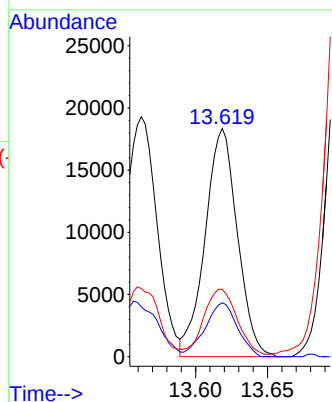
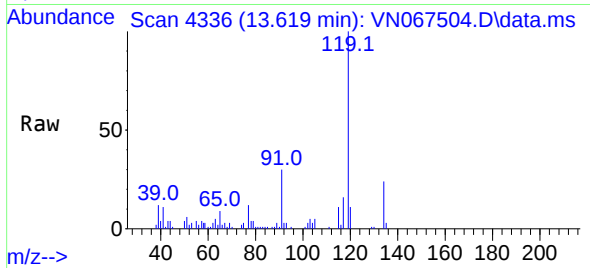




#86
p-Isopropyltoluene
Concen: 2.593 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

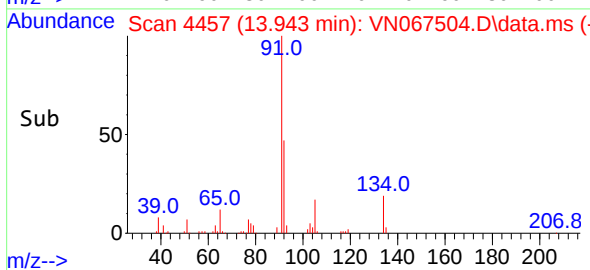
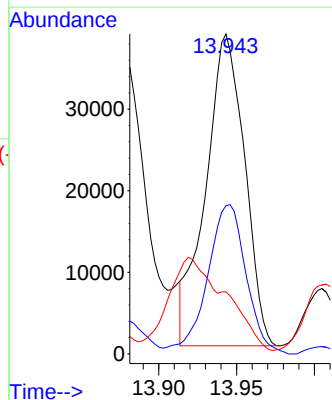
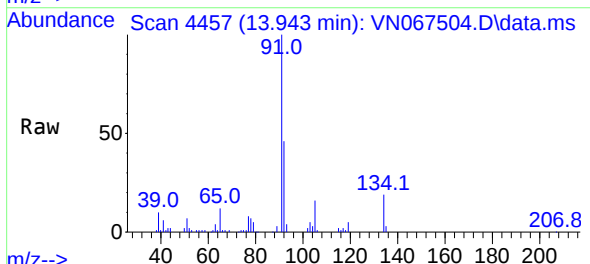
Instrument :
MSVOA_N
ClientSampled :
MW-2

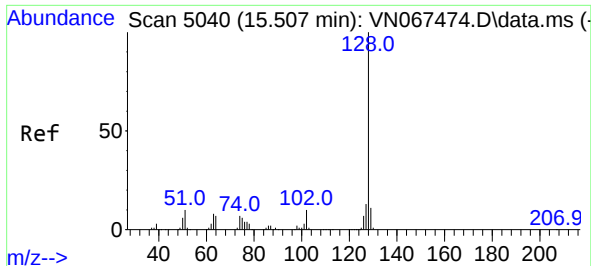
Tgt Ion:	119	Resp:	28609
Ion	Ratio	Lower	Upper
119	100		
134	23.5	12.4	37.4
91	29.1	14.8	44.3



#89
n-Butylbenzene
Concen: 6.008 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Tgt Ion:	91	Resp:	66426
Ion	Ratio	Lower	Upper
91	100		
92	47.7	25.7	77.1
134	0.0	11.2	33.6#





#95
Naphthalene
Concen: 9.316 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067504.D
Acq: 25 Jun 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:128	Resp:	53976
Ion	Ratio	Lower Upper
128	100	
127	13.2	10.6 15.8
129	11.3	8.6 12.8

