

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067507.D
 Acq On : 25 Jun 2021 16:20
 Operator : JC/MD
 Sample : M2806-04 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jun 29 02:01:38 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)

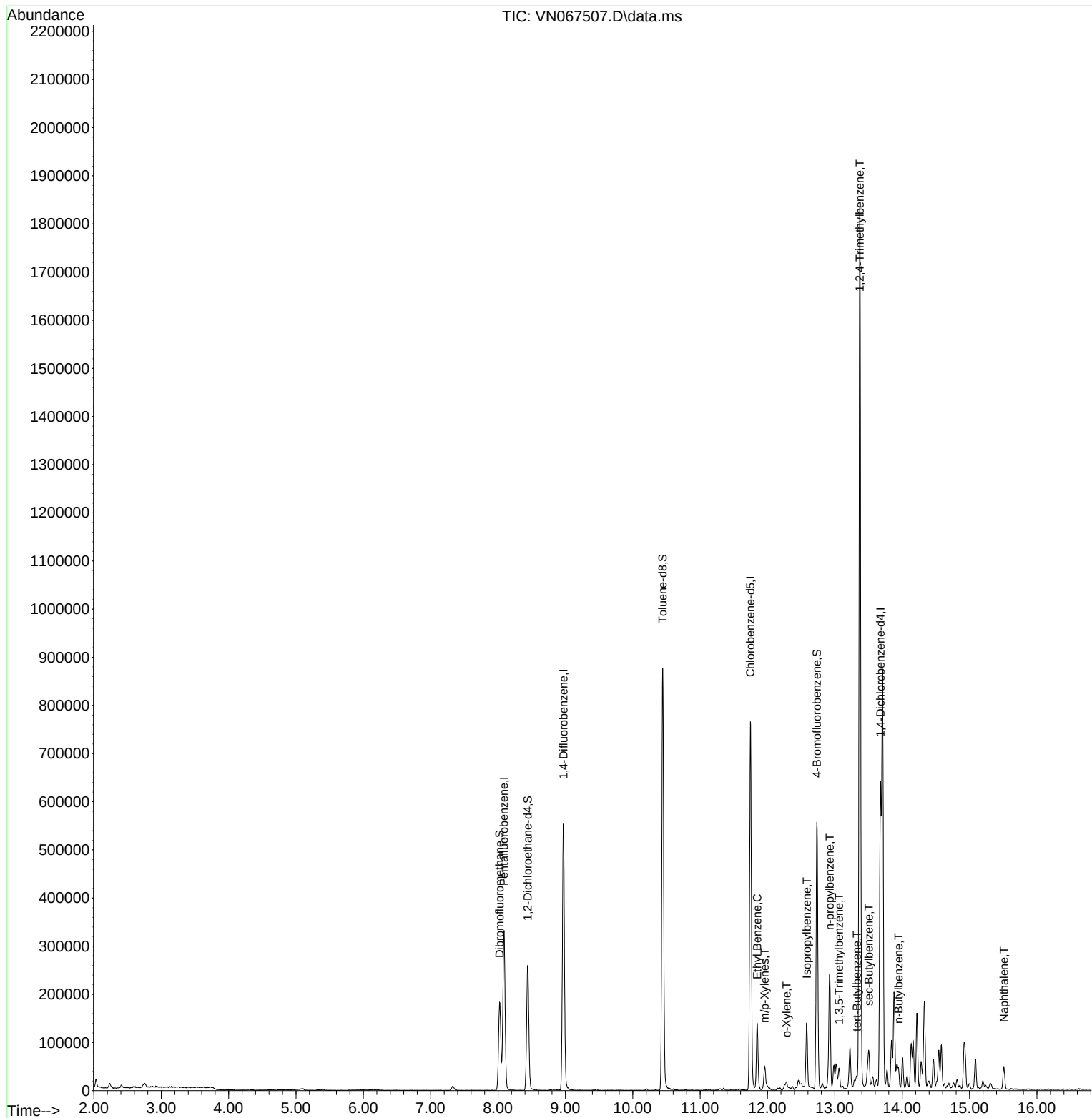
Internal Standards						
1) Pentafluorobenzene	8.088	168	192135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	430024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	384855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	132398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	216524	55.064	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.120%			
35) Dibromofluoromethane	8.024	113	130962	49.433	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.860%			
50) Toluene-d8	10.443	98	597027	52.837	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.680%			
62) 4-Bromofluorobenzene	12.733	95	203788	50.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.240%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.848	91	98932	6.073	ug/l	95
68) m/p-Xylenes	11.958	106	14279	2.589	ug/l	98
69) o-Xylene	12.283	106	3399	0.622	ug/l	99
73) Isopropylbenzene	12.583	105	87573	6.497	ug/l	97
78) n-propylbenzene	12.924	91	188330	11.331	ug/l	95
80) 1,3,5-Trimethylbenzene	13.063	105	15427	1.402	ug/l	98
83) tert-Butylbenzene	13.326	119	9247	1.064	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1016041	94.094	ug/l	100
85) sec-Butylbenzene	13.503	105	47134	3.623	ug/l	87
89) n-Butylbenzene	13.946	91	24696	2.547	ug/l #	82
95) Naphthalene	15.509	128	38075	8.146	ug/l	99

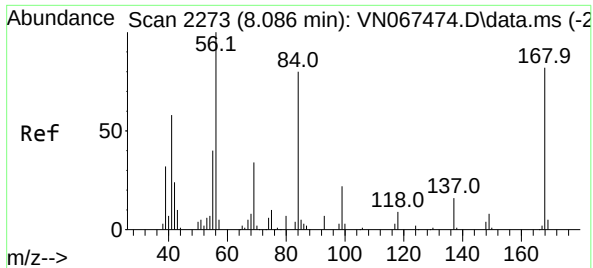
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
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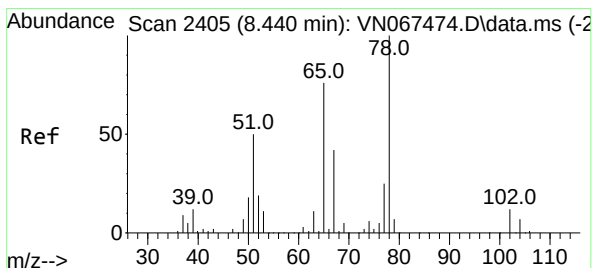
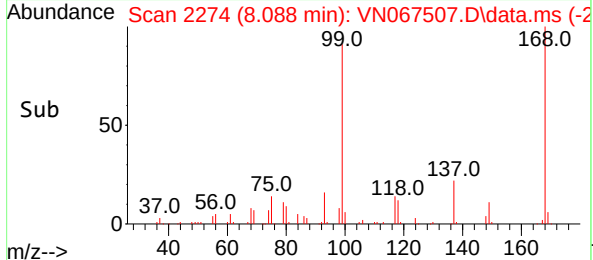
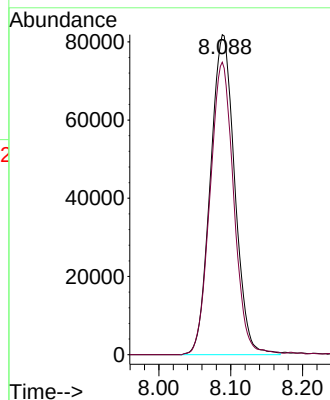
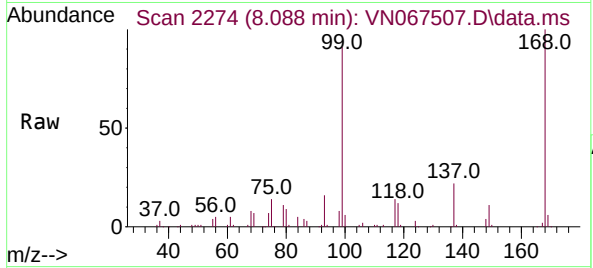




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

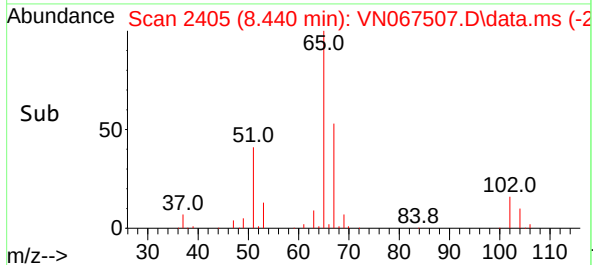
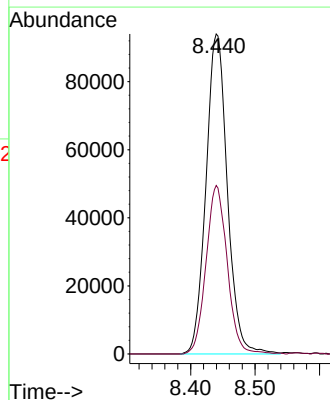
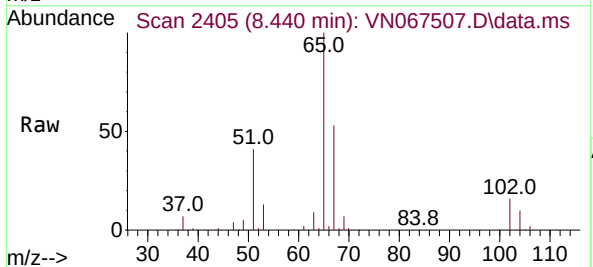
Instrument :
MSVOA_N
ClientSampled :
MW-4

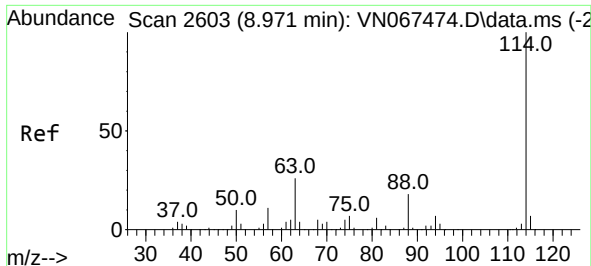
Tgt Ion:168 Resp: 192135
Ion Ratio Lower Upper
168 100
99 91.4 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 55.064 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

Tgt Ion: 65 Resp: 216524
Ion Ratio Lower Upper
65 100
67 52.2 0.0 98.6

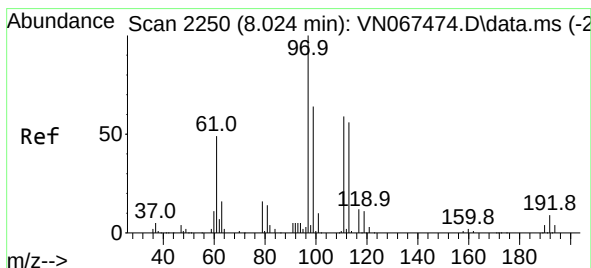
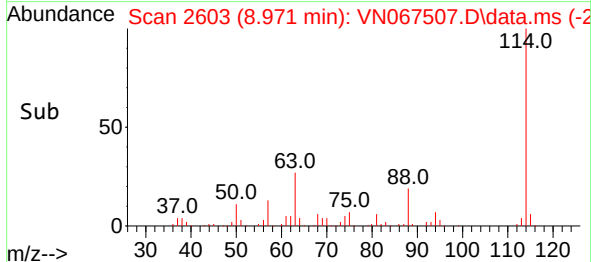
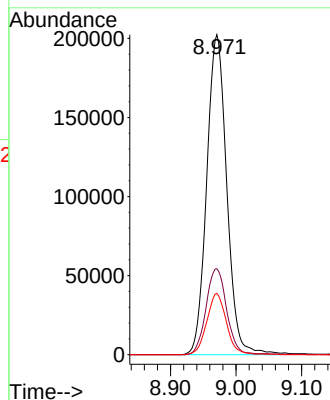
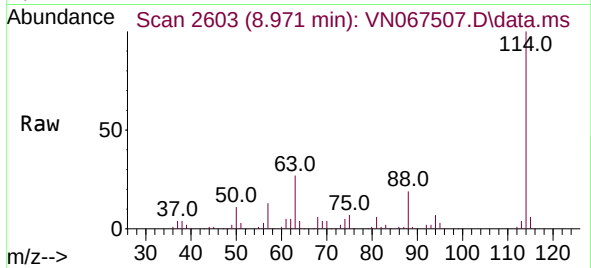




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

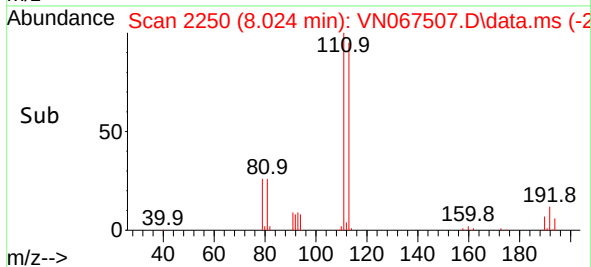
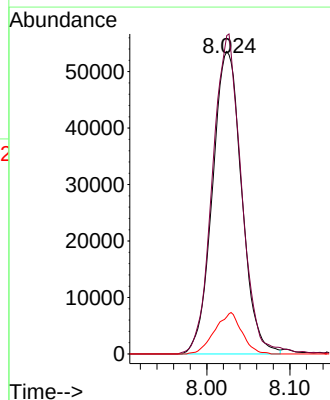
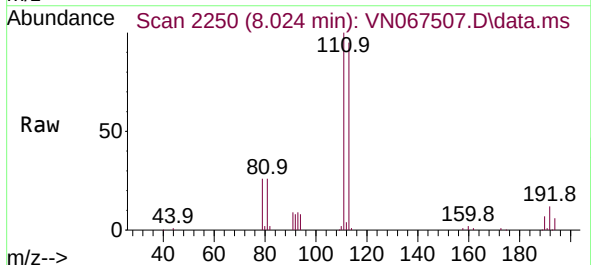
Instrument :
MSVOA_N
ClientSampled :
MW-4

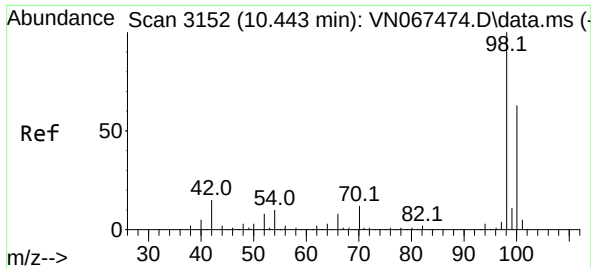
Tgt Ion:114 Resp: 430024
Ion Ratio Lower Upper
114 100
63 26.9 0.0 49.0
88 19.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.433 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

Tgt Ion:113 Resp: 130962
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.8
192 12.7 13.4 20.0#

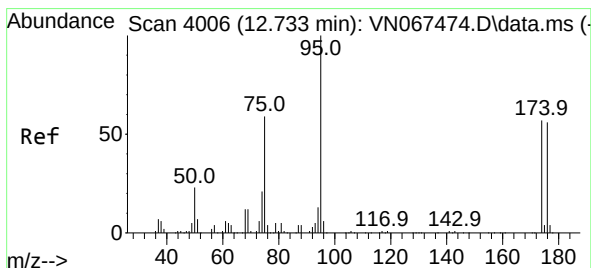
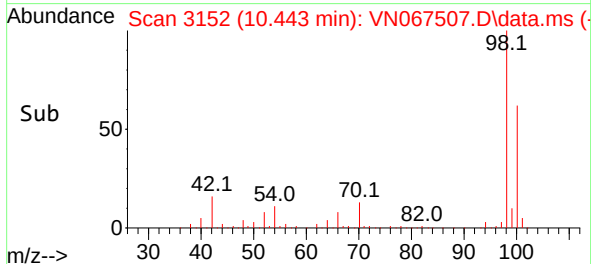
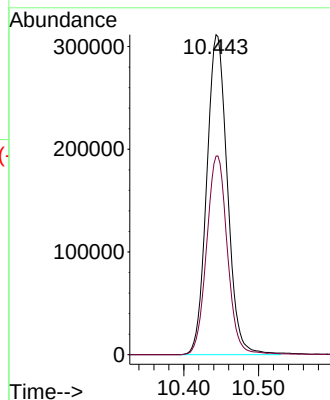
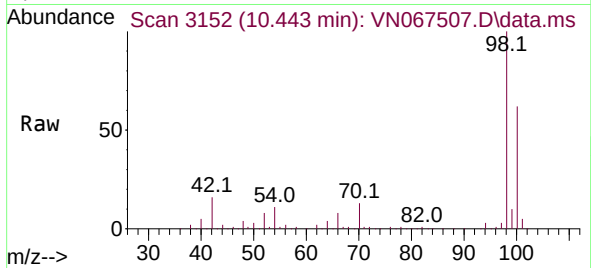




#50
Toluene-d8
Concen: 52.837 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

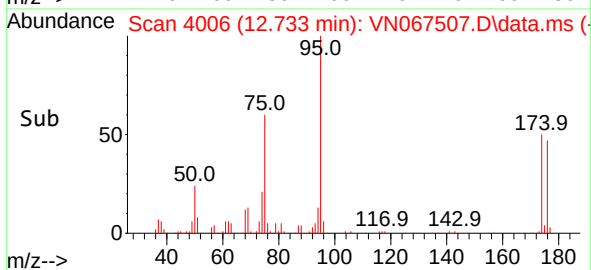
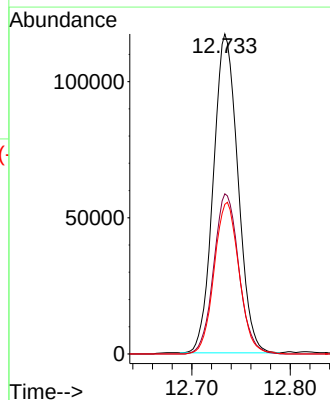
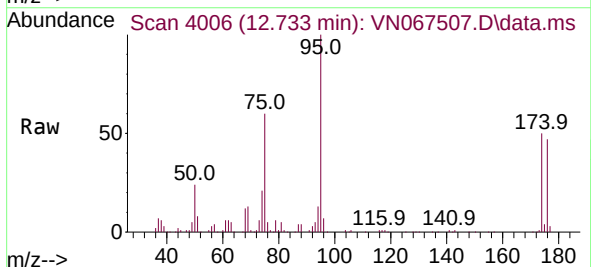
Instrument :
MSVOA_N
ClientSampled :
MW-4

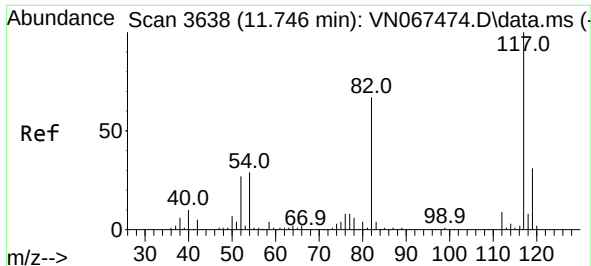
Tgt Ion: 98 Resp: 597027
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

Tgt Ion: 95 Resp: 203788
Ion Ratio Lower Upper
95 100
174 51.2 0.0 122.0
176 48.2 0.0 117.6

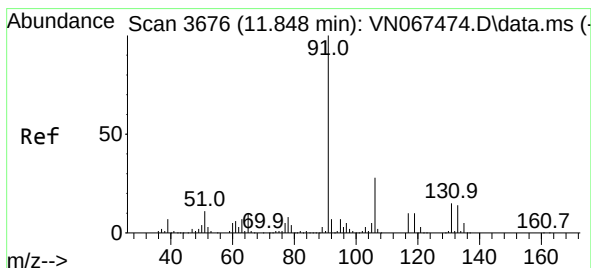
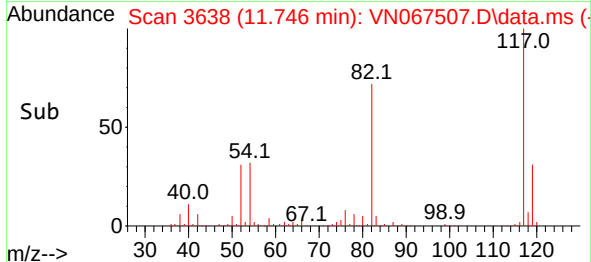
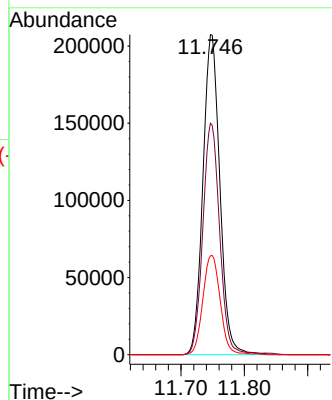
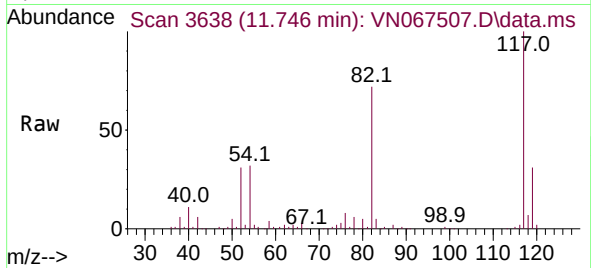




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

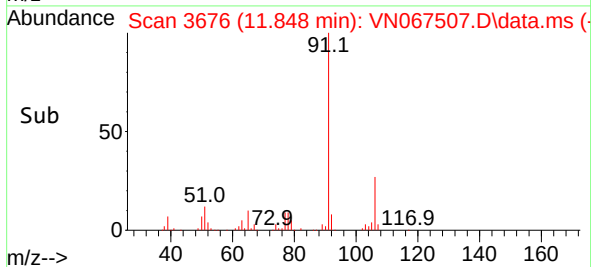
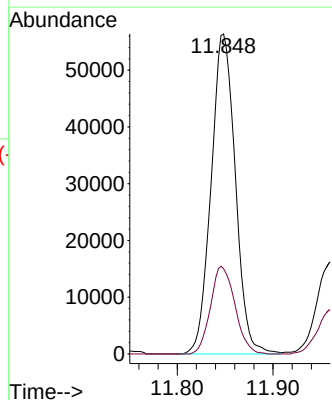
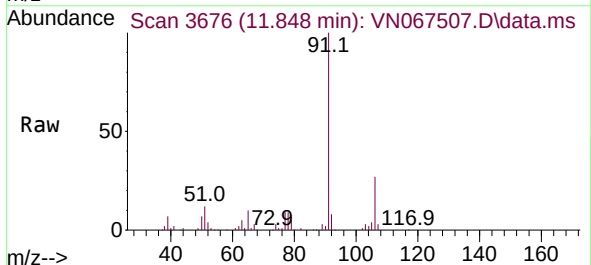
Instrument :
MSVOA_N
ClientSampled :
MW-4

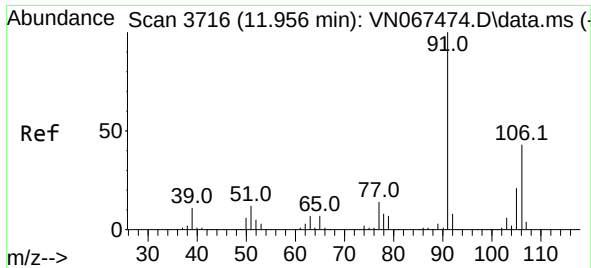
Tgt Ion:117 Resp: 384855
Ion Ratio Lower Upper
117 100
82 72.3 53.1 79.7
119 30.9 25.5 38.3



#67
Ethyl Benzene
Concen: 6.073 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

Tgt Ion: 91 Resp: 98932
Ion Ratio Lower Upper
91 100
106 26.7 23.4 35.0

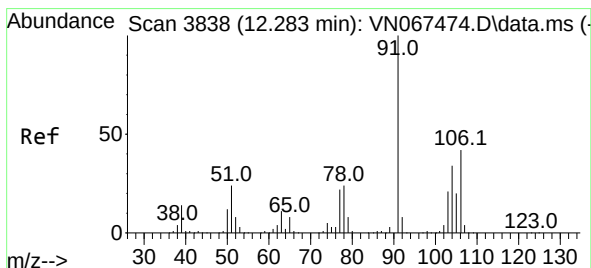
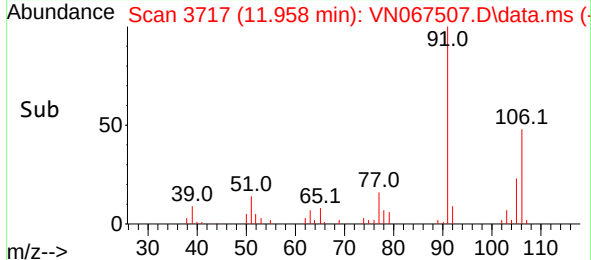
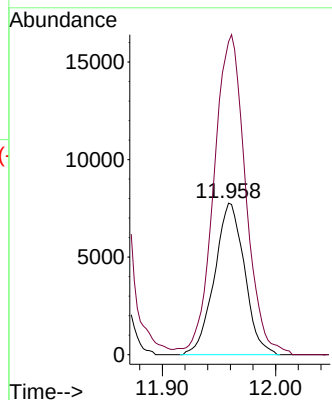
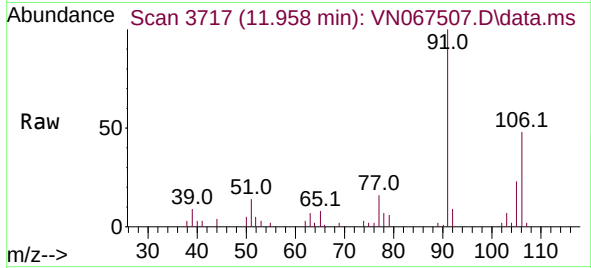




#68
m/p-Xylenes
Concen: 2.589 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

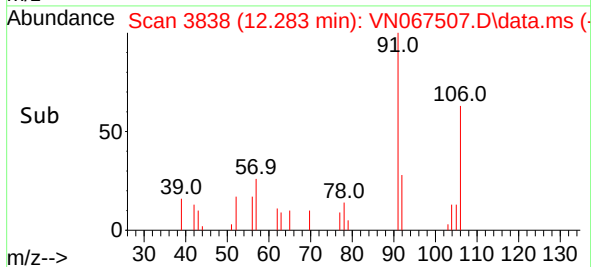
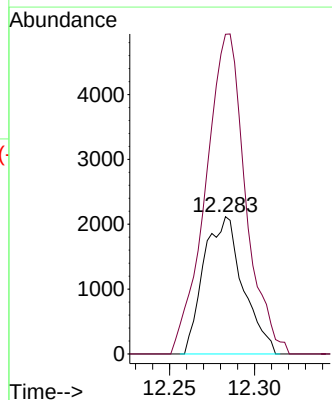
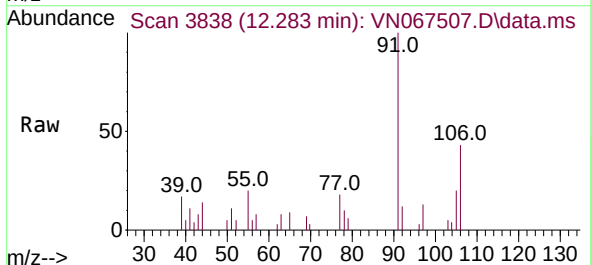
Instrument :
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ClientSampleId :
MW-4

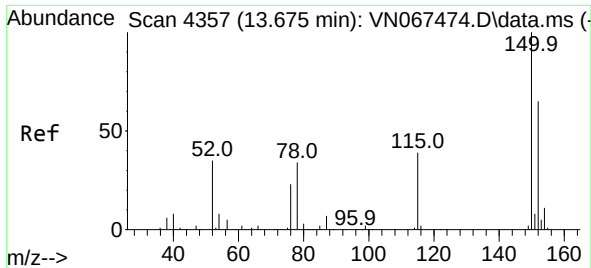
Tgt Ion:106 Resp: 14279
Ion Ratio Lower Upper
106 100
91 222.6 180.6 270.8



#69
o-Xylene
Concen: 0.622 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

Tgt Ion:106 Resp: 3399
Ion Ratio Lower Upper
106 100
91 237.8 118.3 354.9

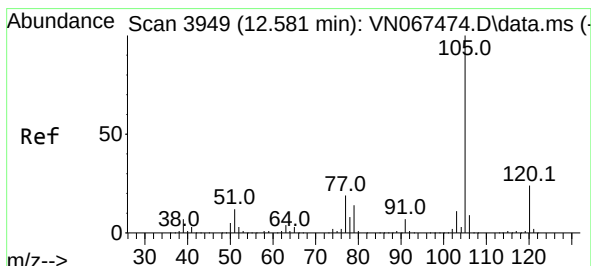
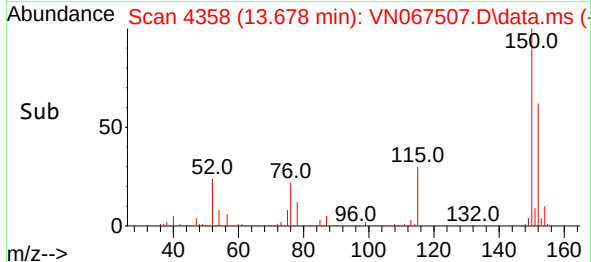
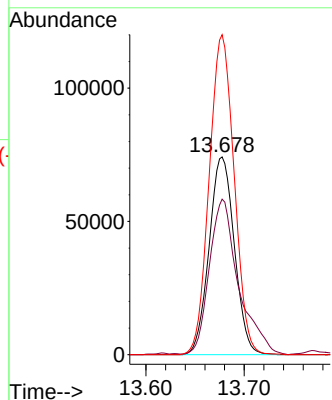
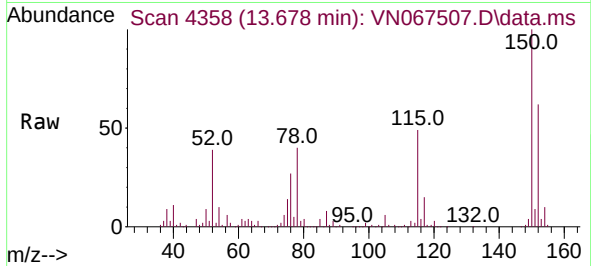




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

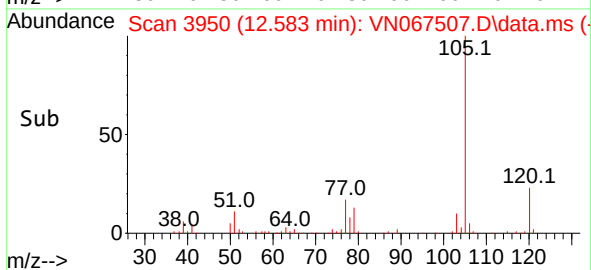
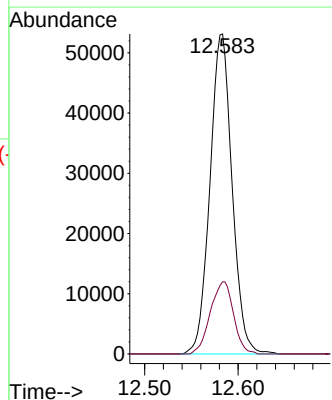
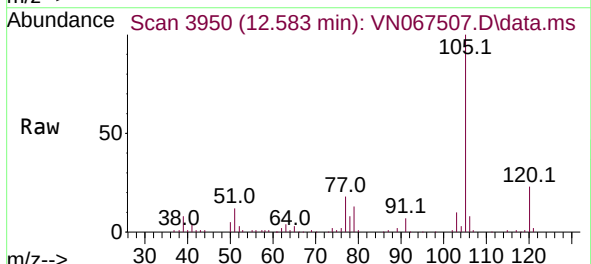
Instrument :
MSVOA_N
ClientSampled :
MW-4

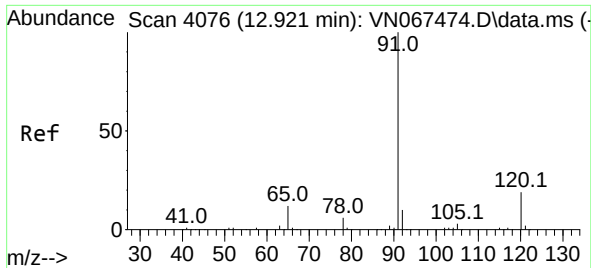
Tgt Ion:152 Resp: 132398
Ion Ratio Lower Upper
152 100
115 90.9 36.1 108.5
150 159.7 0.0 351.8



#73
Isopropylbenzene
Concen: 6.497 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

Tgt Ion:105 Resp: 87573
Ion Ratio Lower Upper
105 100
120 23.6 12.5 37.5

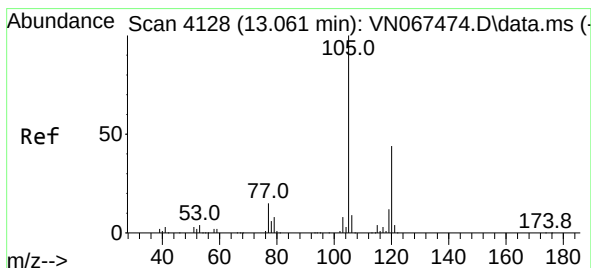
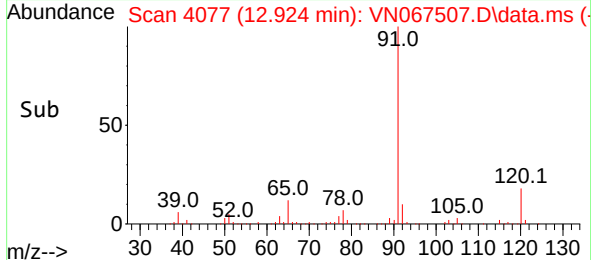
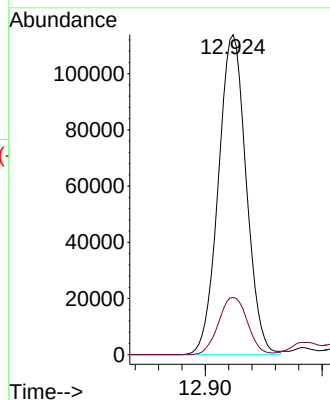
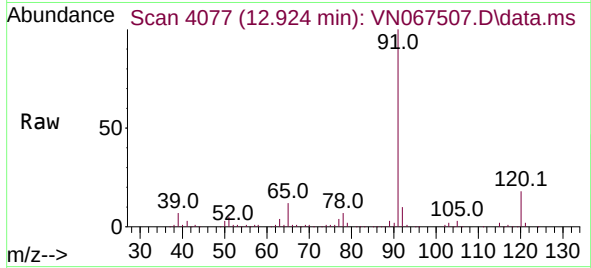




#78
n-propylbenzene
Concen: 11.331 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

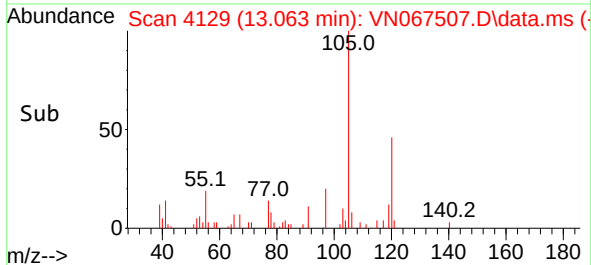
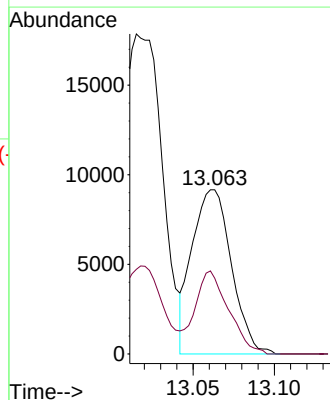
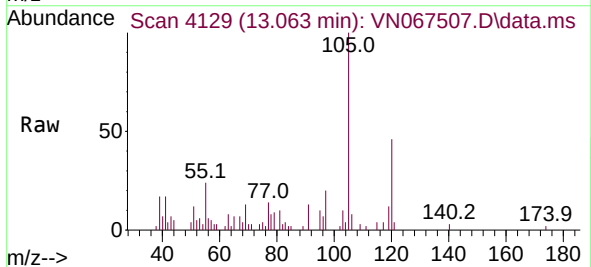
Instrument :
MSVOA_N
ClientSampleId :
MW-4

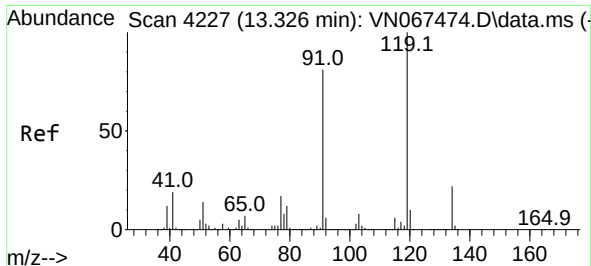
Tgt Ion: 91 Resp: 188330
Ion Ratio Lower Upper
91 100
120 18.7 10.4 31.4



#80
1,3,5-Trimethylbenzene
Concen: 1.402 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

Tgt Ion: 105 Resp: 15427
Ion Ratio Lower Upper
105 100
120 43.4 22.2 66.6

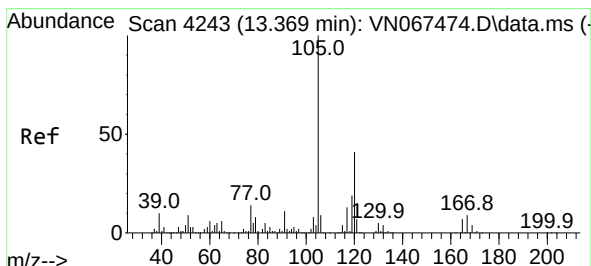
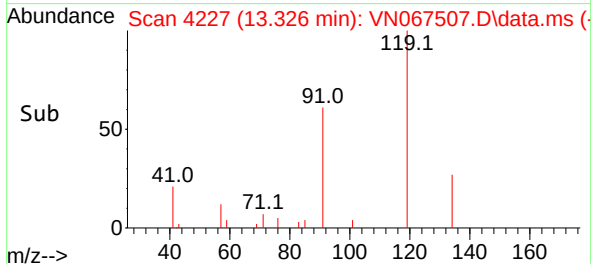
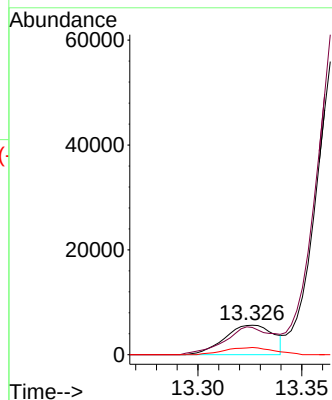
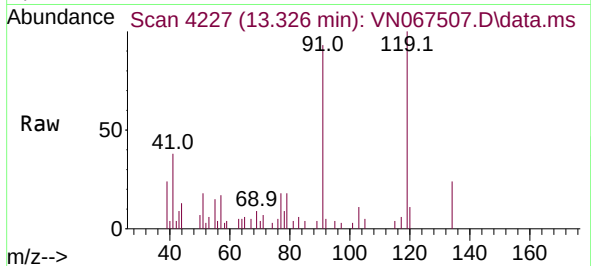




#83
tert-Butylbenzene
Concen: 1.064 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

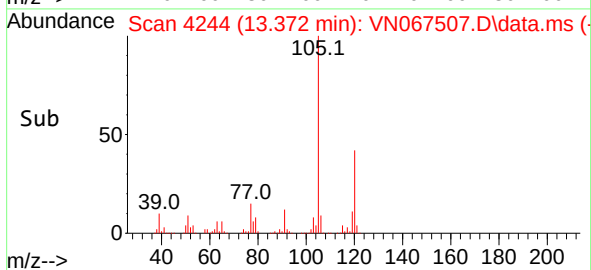
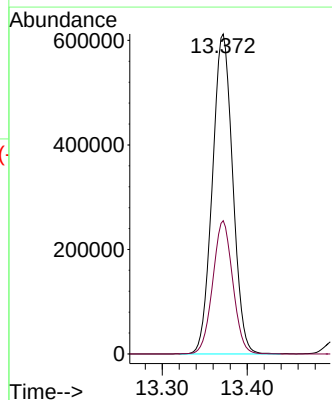
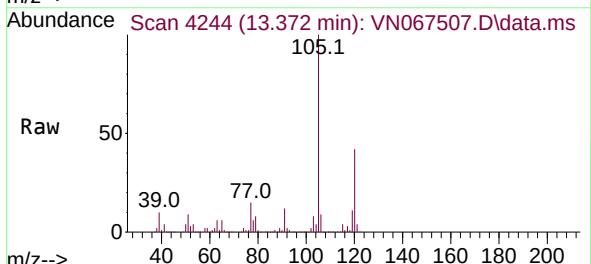
Instrument :
MSVOA_N
ClientSampled :
MW-4

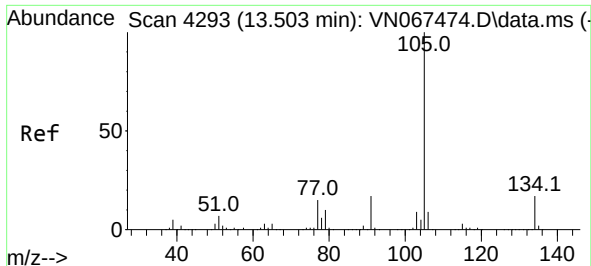
Tgt Ion:	119	Resp:	9247
Ion	Ratio	Lower	Upper
119	100		
91	92.6	39.5	118.5
134	24.3	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 94.094 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

Tgt Ion:	105	Resp:	1016041
Ion	Ratio	Lower	Upper
105	100		
120	41.1	20.6	61.8

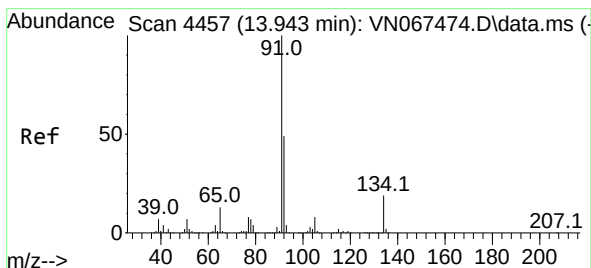
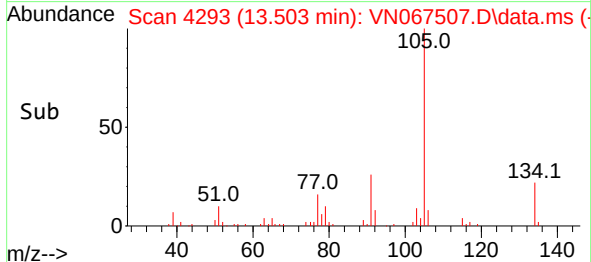
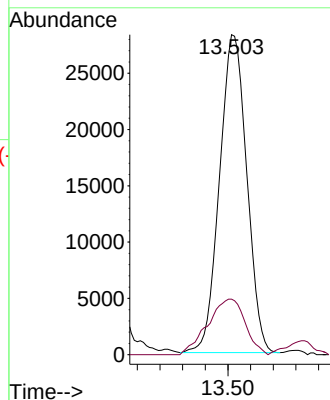
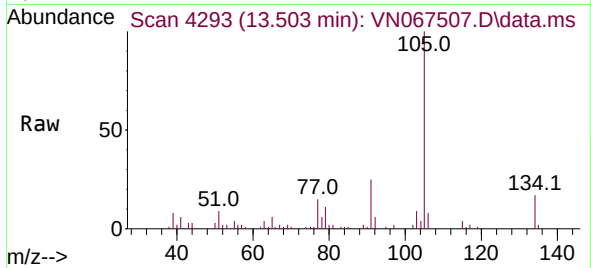




#85
sec-Butylbenzene
Concen: 3.623 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

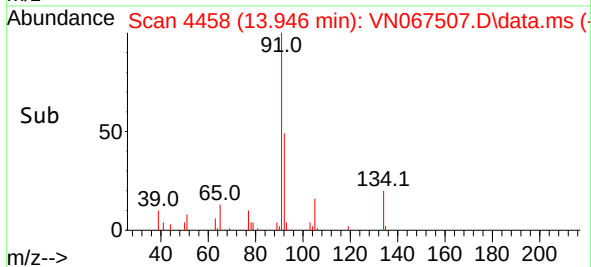
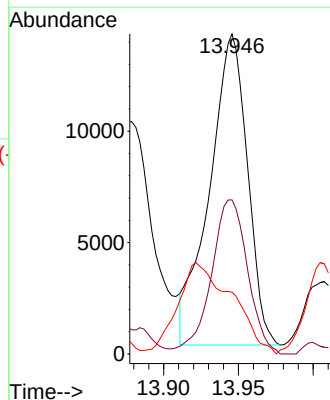
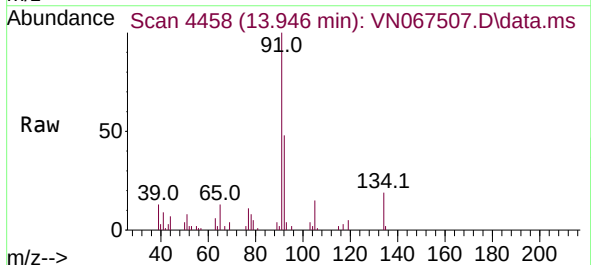
Instrument :
MSVOA_N
ClientSampled :
MW-4

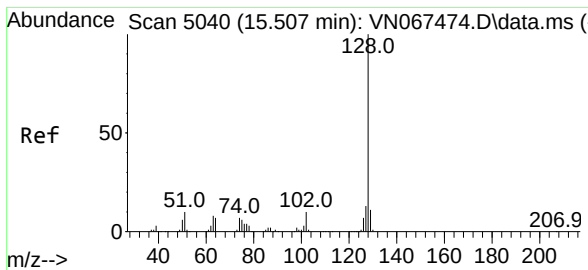
Tgt Ion:105 Resp: 47134
Ion Ratio Lower Upper
105 100
134 24.0 9.0 27.1



#89
n-Butylbenzene
Concen: 2.547 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067507.D
Acq: 25 Jun 2021 16:20

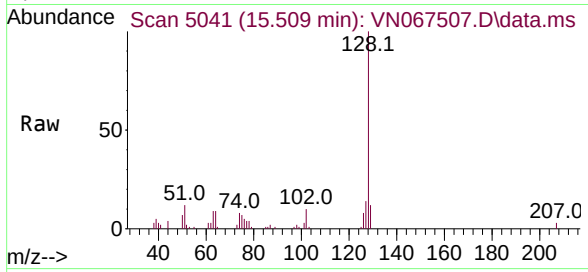
Tgt Ion: 91 Resp: 24696
Ion Ratio Lower Upper
91 100
92 47.5 25.7 77.1
134 0.0 11.2 33.6#





#95
 Naphthalene
 Concen: 8.146 ug/l
 RT: 15.509 min Scan# 5041
 Delta R.T. 0.002 min
 Lab File: VN067507.D
 Acq: 25 Jun 2021 16:20

Instrument :
 MSVOA_N
 ClientSampled :
 MW-4



Tgt Ion:	128	Resp:	38075
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	10.3	8.6	12.8

