

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067506.D
 Acq On : 25 Jun 2021 15:55
 Operator : JC/MD
 Sample : M2806-06 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-062121

Quant Time: Jun 29 02:01:25 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)

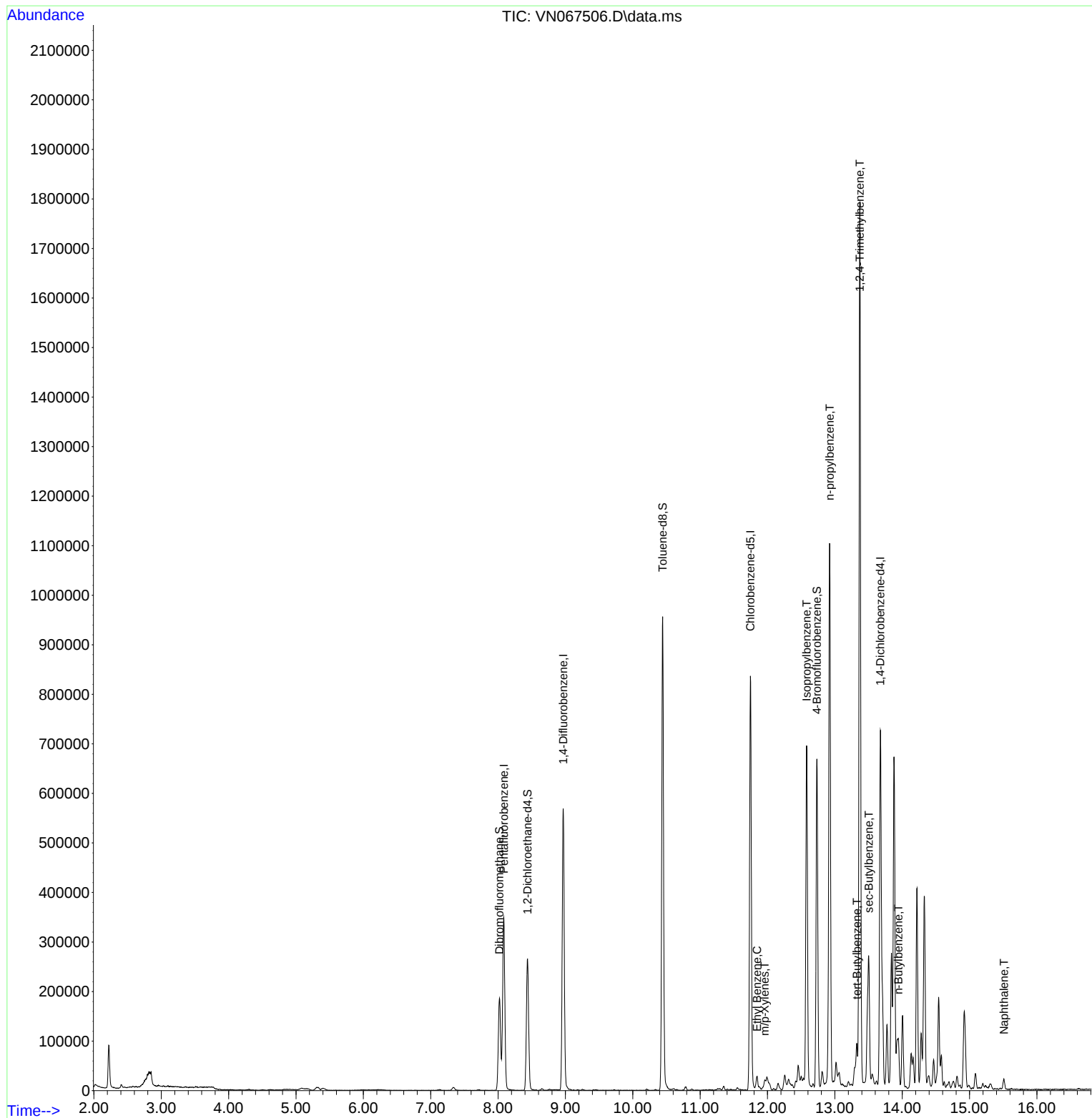
Internal Standards						
1) Pentafluorobenzene	8.086	168	198482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	447450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	422165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	149824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	223148	54.934	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.860%			
35) Dibromofluoromethane	8.019	113	134231	48.694	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.380%			
50) Toluene-d8	10.443	98	629497	53.541	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.080%			
62) 4-Bromofluorobenzene	12.733	95	234327	55.939	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.880%			
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.846	91	12665	0.709	ug/l	91
68) m/p-Xylenes	11.958	106	5304	0.877	ug/l	94
73) Isopropylbenzene	12.581	105	442763	29.030	ug/l	97
78) n-propylbenzene	12.924	91	901824	47.950	ug/l	96
83) tert-Butylbenzene	13.326	119	35028	3.562	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	970193	79.398	ug/l	99
85) sec-Butylbenzene	13.503	105	157279	10.683	ug/l	85
89) n-Butylbenzene	13.943	91	57309	5.224	ug/l #	81
95) Naphthalene	15.509	128	16452	5.173	ug/l	97

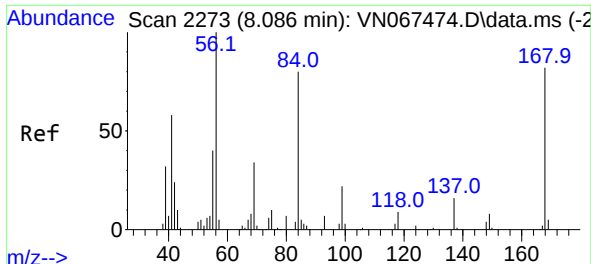
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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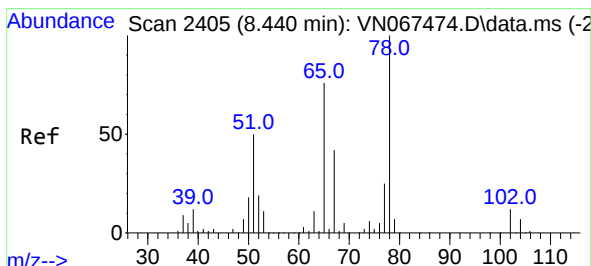
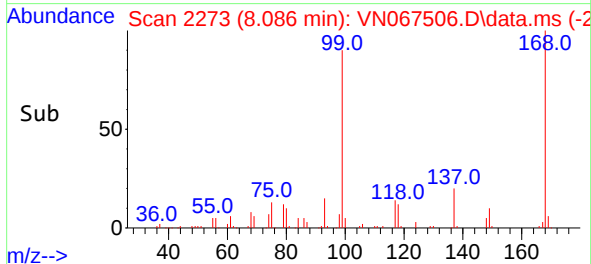
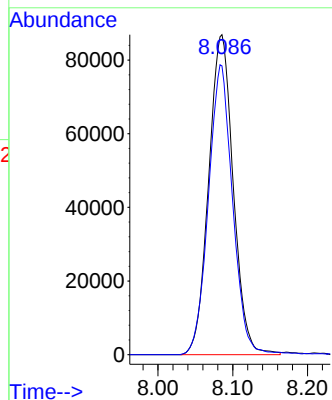
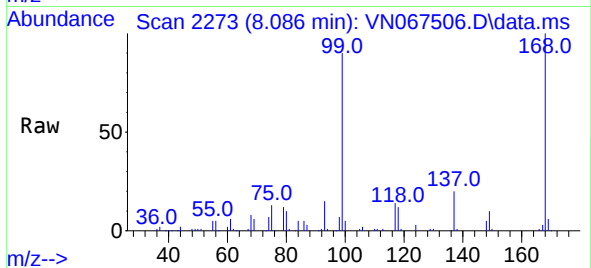




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

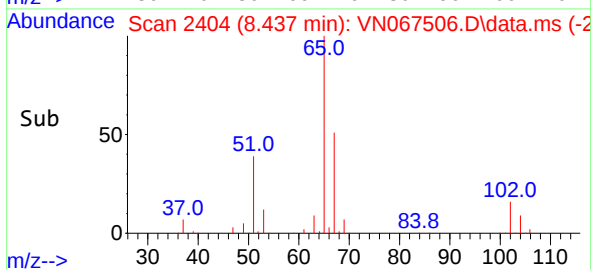
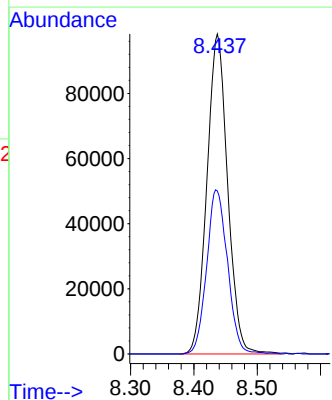
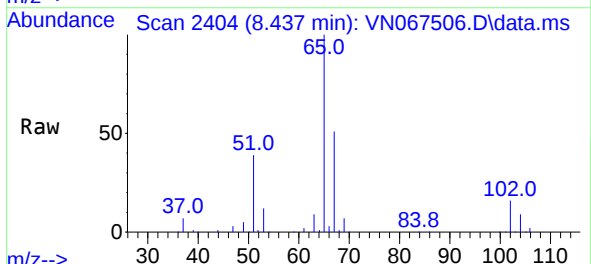
Instrument :
MSVOA_N
ClientSampled :
FD-062121

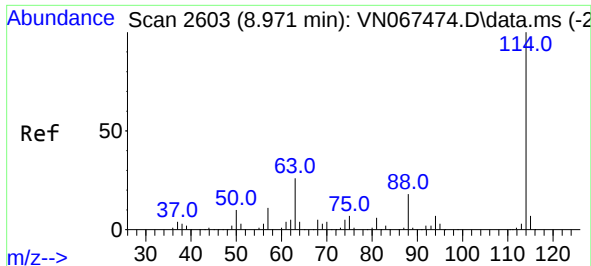
Tgt Ion:168 Resp: 198482
Ion Ratio Lower Upper
168 100
99 90.2 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 54.934 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Tgt Ion: 65 Resp: 223148
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.6

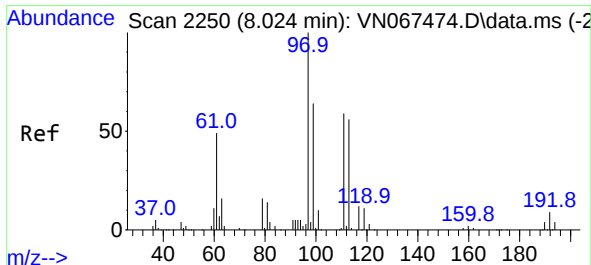
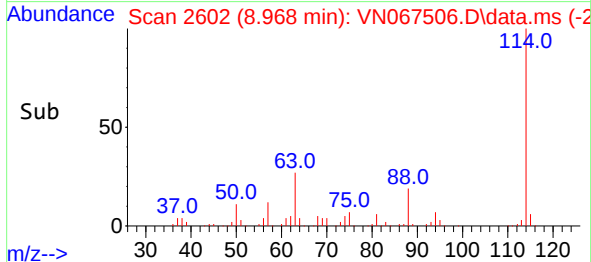
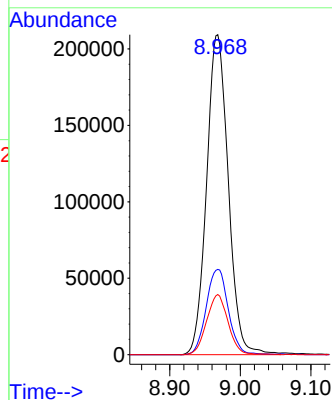
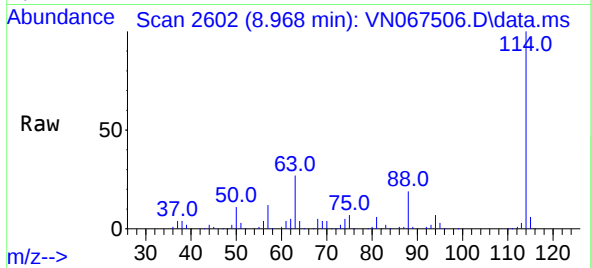




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

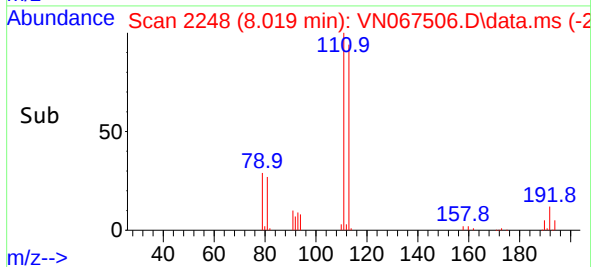
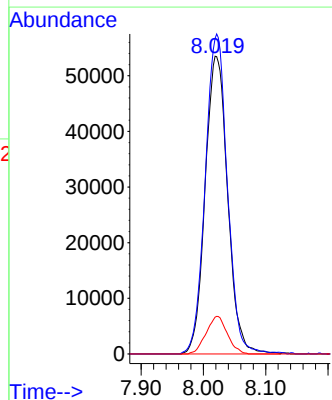
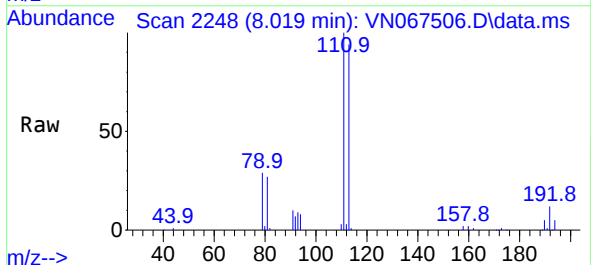
Instrument :
MSVOA_N
ClientSampled :
FD-062121

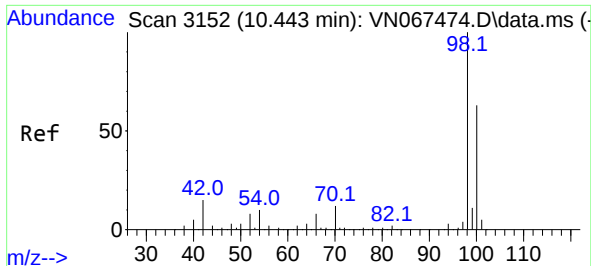
Tgt Ion:114 Resp: 447450
Ion Ratio Lower Upper
114 100
63 26.7 0.0 49.0
88 18.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.694 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Tgt Ion:113 Resp: 134231
Ion Ratio Lower Upper
113 100
111 105.5 83.8 125.8
192 11.9 13.4 20.0#

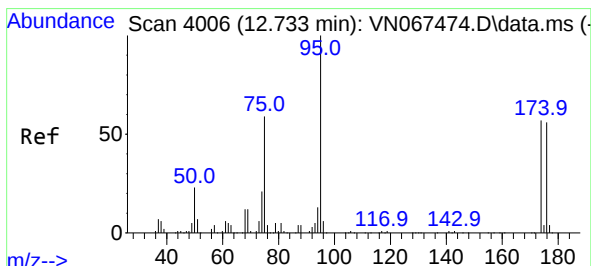
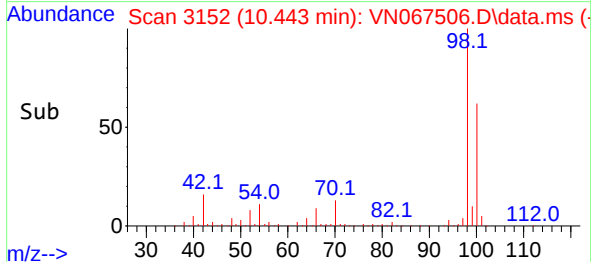
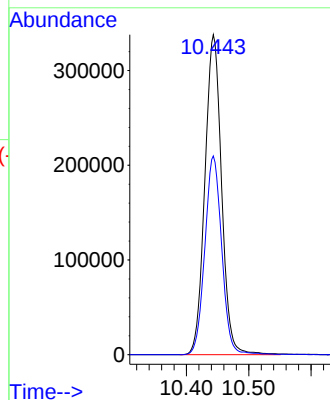
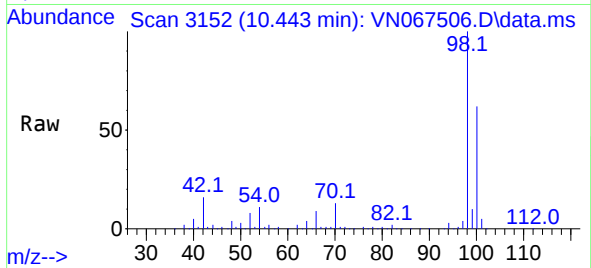




#50
Toluene-d8
Concen: 53.541 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

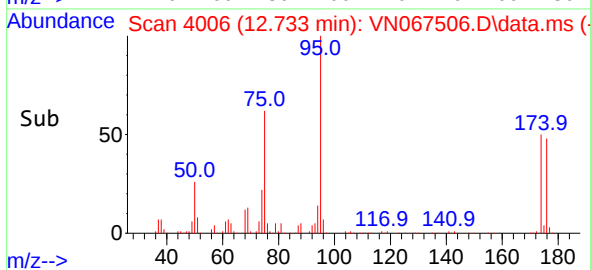
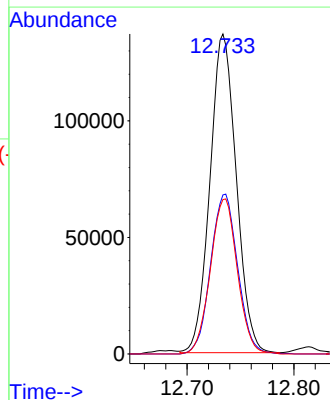
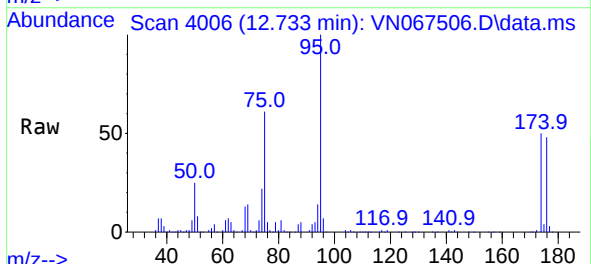
Instrument :
MSVOA_N
ClientSampleId :
FD-062121

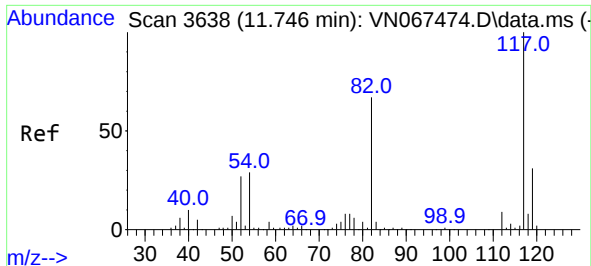
Tgt Ion: 98 Resp: 629497
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 55.939 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Tgt Ion: 95 Resp: 234327
Ion Ratio Lower Upper
95 100
174 51.6 0.0 122.0
176 49.9 0.0 117.6

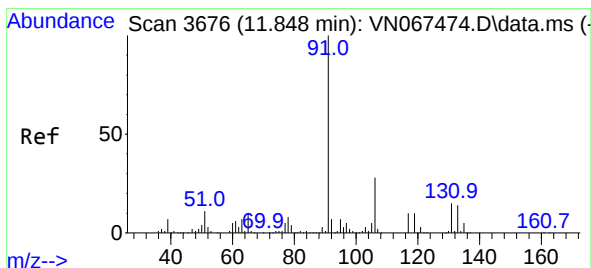
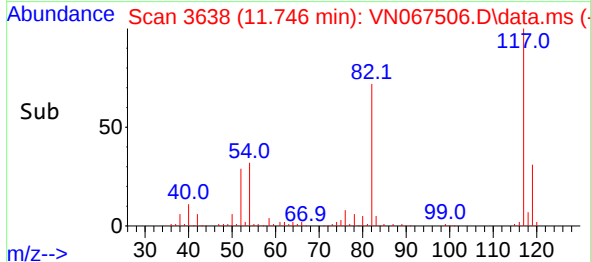
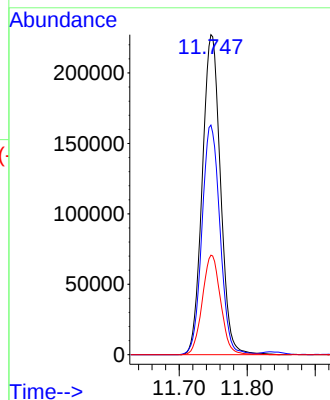
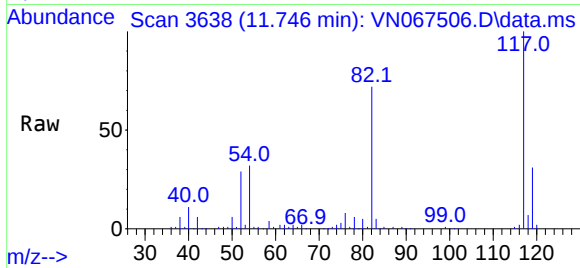




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

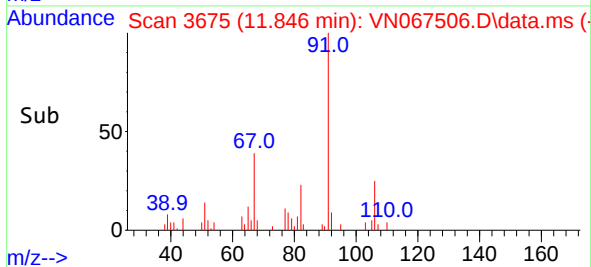
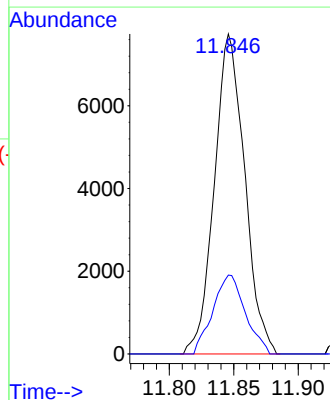
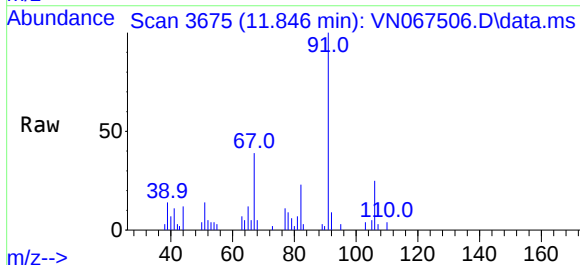
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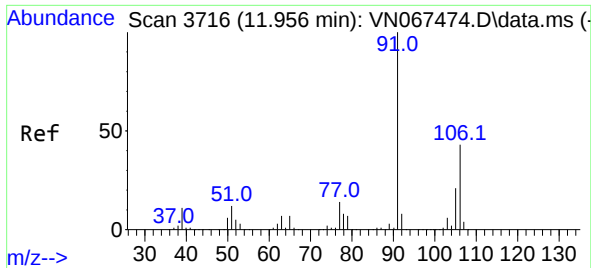
Tgt Ion:117 Resp: 422165
Ion Ratio Lower Upper
117 100
82 71.7 53.1 79.7
119 31.1 25.5 38.3



#67
Ethyl Benzene
Concen: 0.709 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Tgt Ion: 91 Resp: 12665
Ion Ratio Lower Upper
91 100
106 24.6 23.4 35.0

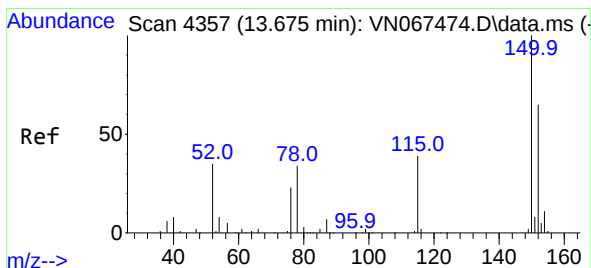
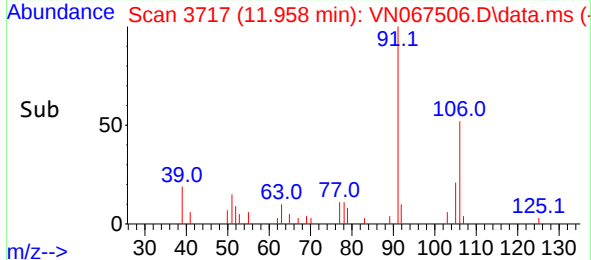
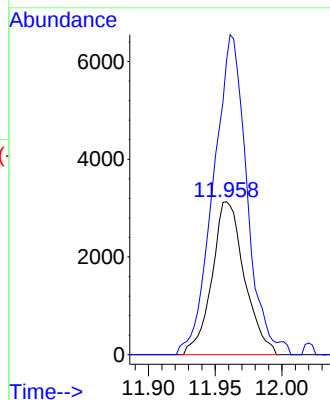
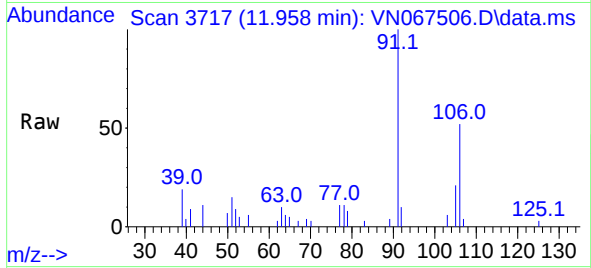




#68
m/p-Xylenes
Concen: 0.877 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

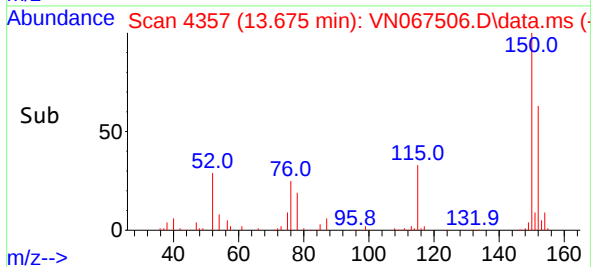
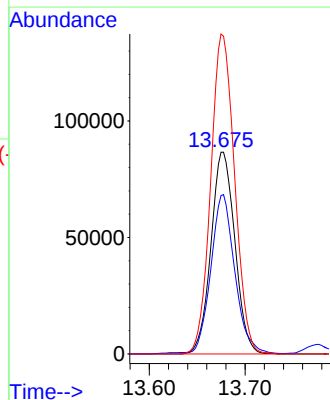
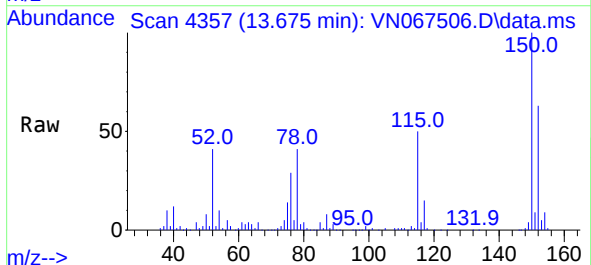
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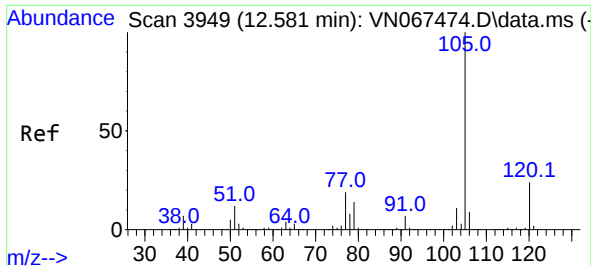
Tgt Ion:106 Resp: 5304
Ion Ratio Lower Upper
106 100
91 215.3 180.6 270.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Tgt Ion:152 Resp: 149824
Ion Ratio Lower Upper
152 100
115 80.1 36.1 108.5
150 158.7 0.0 351.8

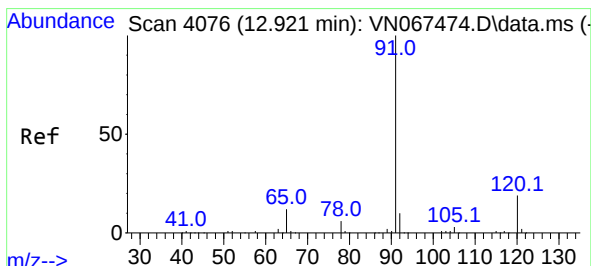
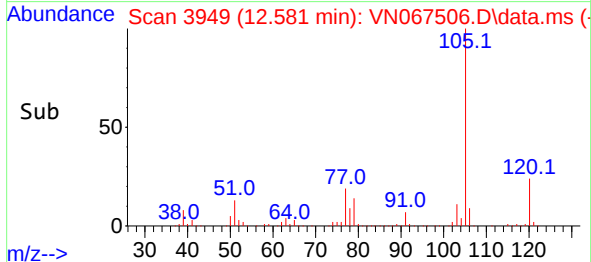
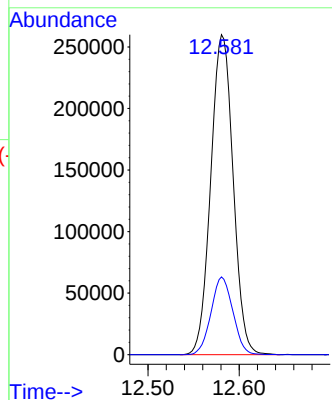
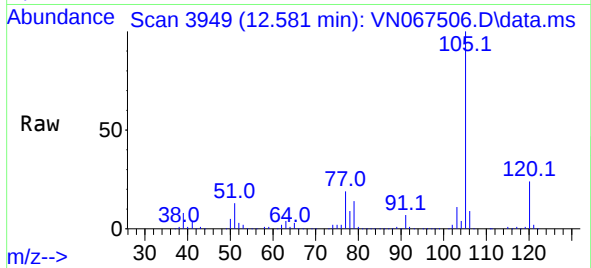




#73
Isopropylbenzene
Concen: 29.030 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

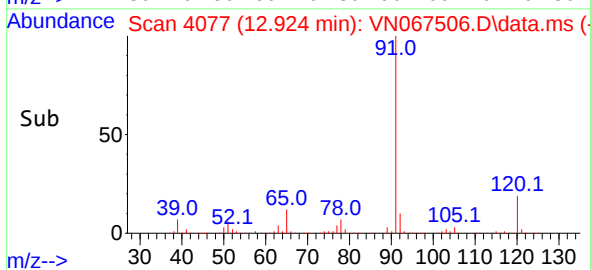
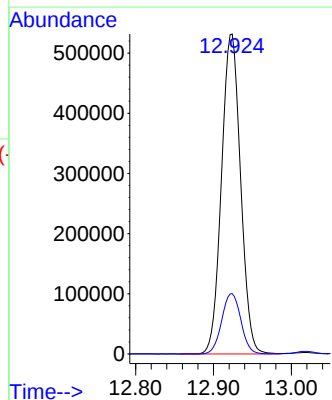
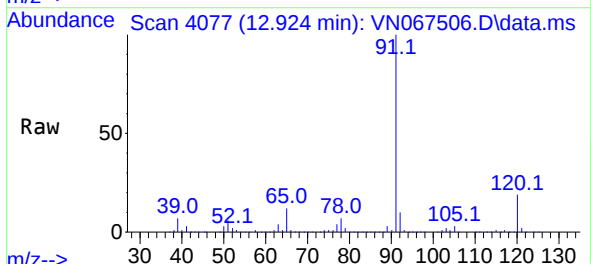
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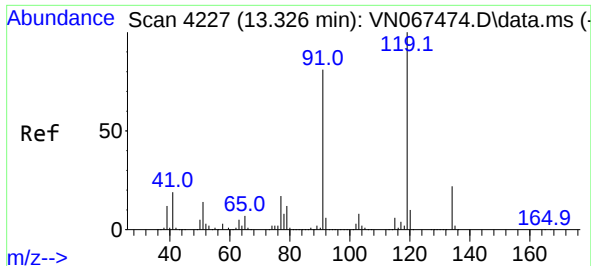
Tgt Ion:105 Resp: 442763
Ion Ratio Lower Upper
105 100
120 23.7 12.5 37.5



#78
n-propylbenzene
Concen: 47.950 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Tgt Ion: 91 Resp: 901824
Ion Ratio Lower Upper
91 100
120 18.9 10.4 31.4



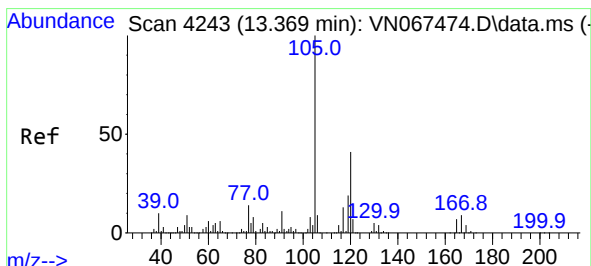
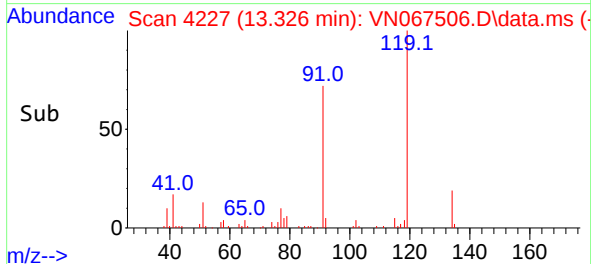
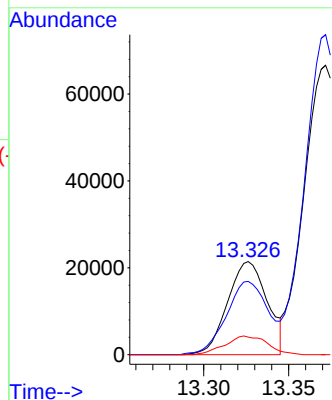
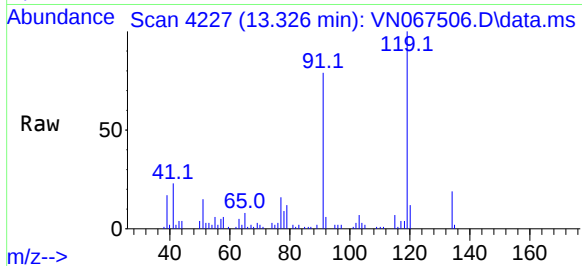


#83
tert-Butylbenzene
Concen: 3.562 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Instrument :
MSVOA_N
ClientSampled :
FD-062121

Tgt Ion:119 Resp: 35028

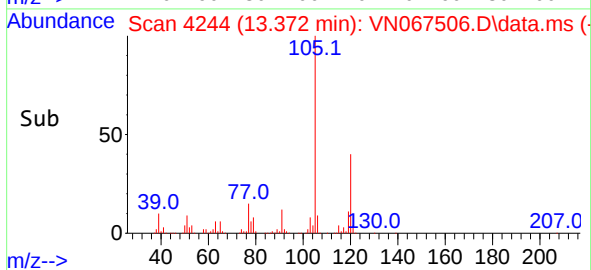
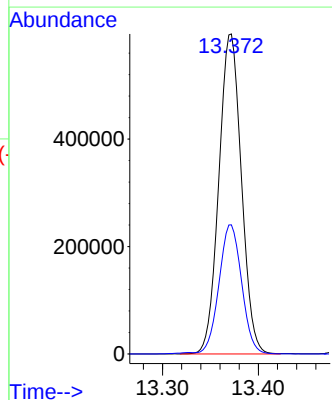
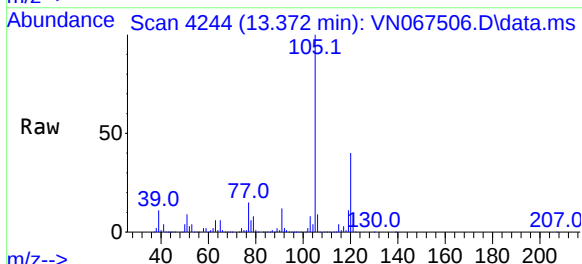
Ion	Ratio	Lower	Upper
119	100		
91	83.4	39.5	118.5
134	21.3	12.0	36.0

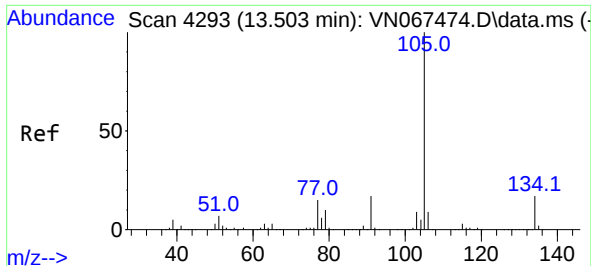


#84
1,2,4-Trimethylbenzene
Concen: 79.398 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Tgt Ion:105 Resp: 970193

Ion	Ratio	Lower	Upper
105	100		
120	40.6	20.6	61.8

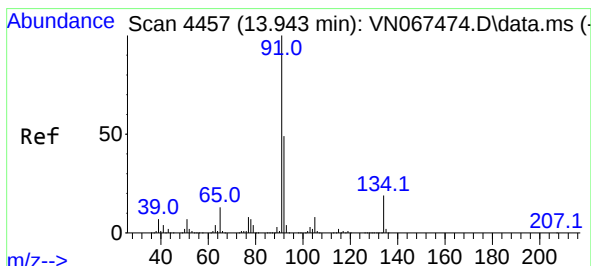
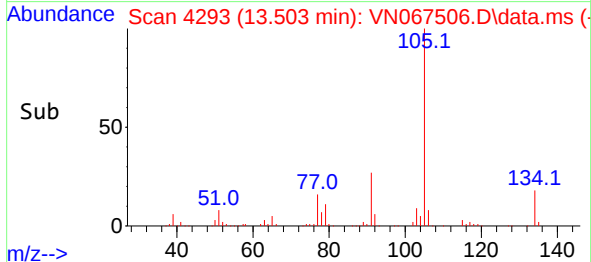
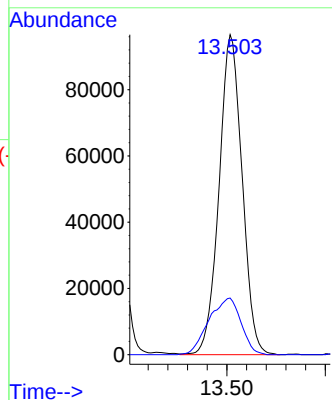
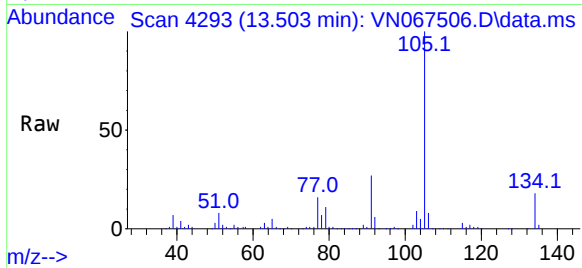




#85
sec-Butylbenzene
Concen: 10.683 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

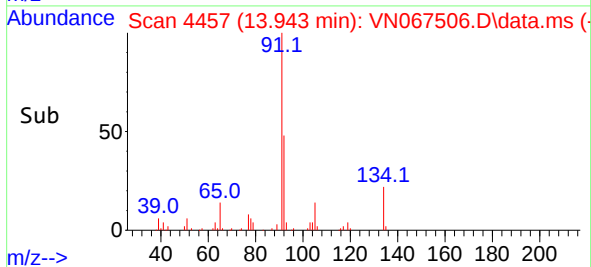
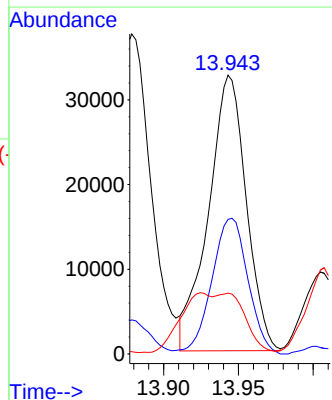
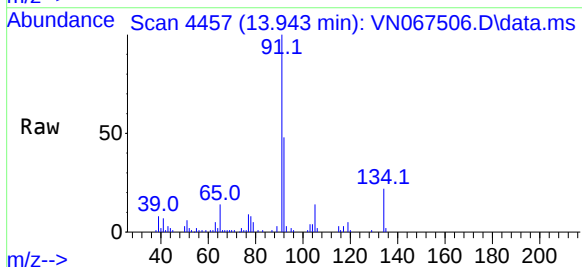
Instrument :
MSVOA_N
ClientSampled :
FD-062121

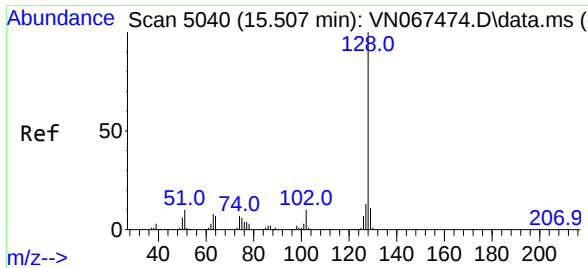
Tgt Ion:105 Resp: 157279
Ion Ratio Lower Upper
105 100
134 24.6 9.0 27.1



#89
n-Butylbenzene
Concen: 5.224 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

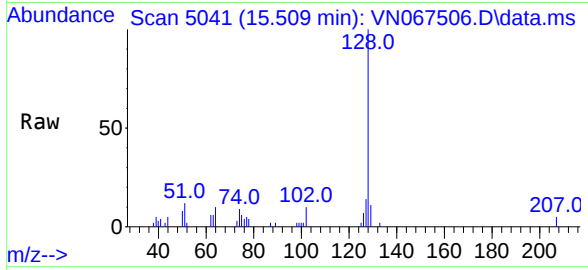
Tgt Ion: 91 Resp: 57309
Ion Ratio Lower Upper
91 100
92 47.0 25.7 77.1
134 0.0 11.2 33.6#





#95
Naphthalene
Concen: 5.173 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067506.D
Acq: 25 Jun 2021 15:55

Instrument :
MSVOA_N
ClientSampleId :
FD-062121



Tgt Ion:	128	Resp:	16452
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	15.8
129	11.9	8.6	12.8

