

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
 Data File : VN068504.D
 Acq On : 16 Sep 2021 19:10
 Operator : JC/MD
 Sample : M3759-17 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31185

Quant Time: Sep 17 02:02:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

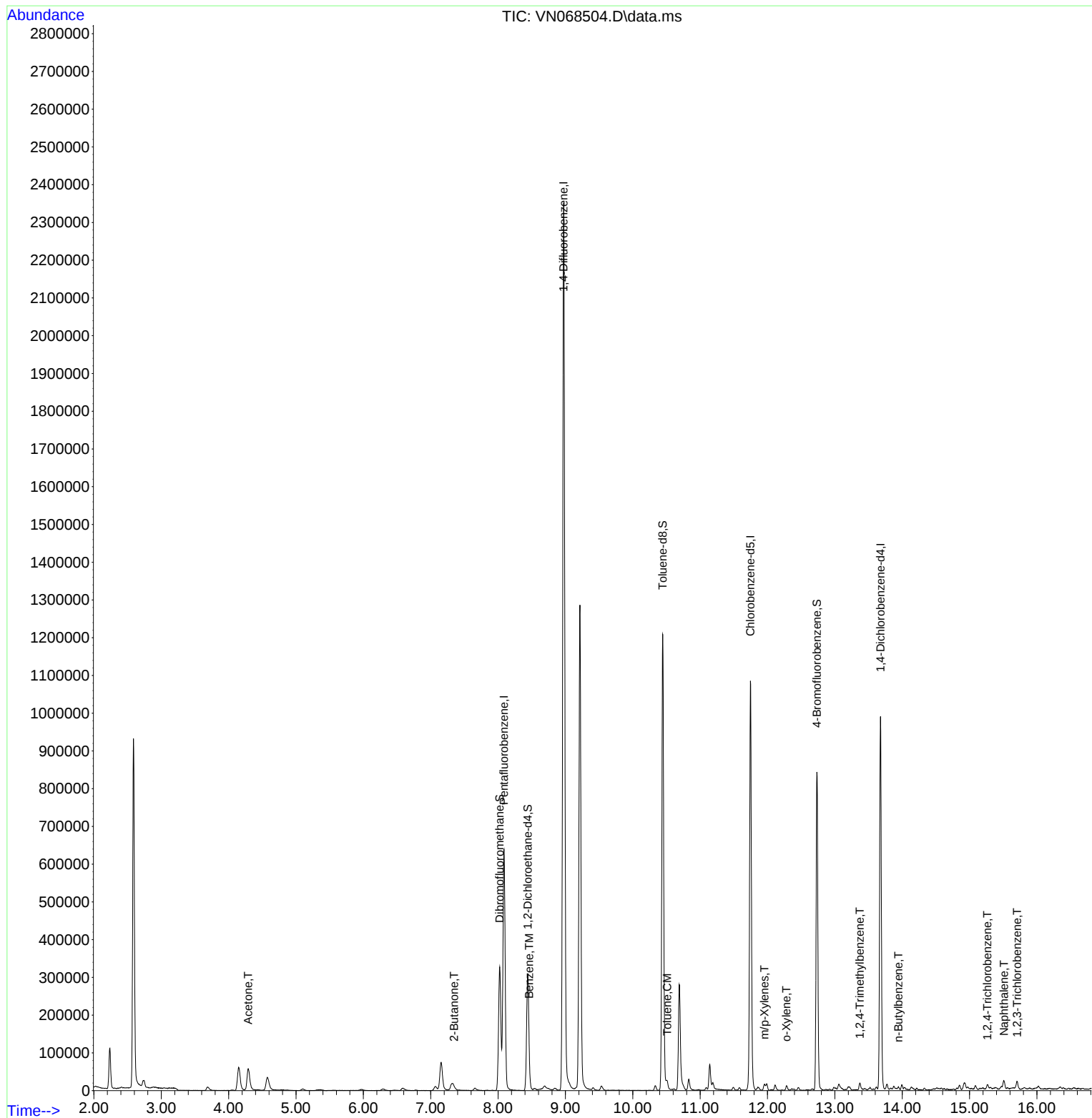
Internal Standards						
1) Pentafluorobenzene	8.088	168	544903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	826895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	713429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	299738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	259214	51.859	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.720%		
35) Dibromofluoromethane	8.024	113	239834	48.089	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.180%		
50) Toluene-d8	10.443	98	921303	50.856	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.720%		
62) 4-Bromofluorobenzene	12.733	95	288808	49.821	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 99.640%		
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	106662	64.485	ug/l	97
25) 2-Butanone	7.345	43	11670	4.805	ug/l #	80
40) Benzene	8.461	78	8446	0.414	ug/l	97
52) Toluene	10.510	92	7675	0.567	ug/l	92
68) m/p-Xylenes	11.956	106	5565	0.576	ug/l	99
69) o-Xylene	12.280	106	3679	0.391	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	13655	0.822	ug/l	84
89) n-Butylbenzene	13.943	91	5398	0.421	ug/l	89
93) 1,2,4-Trichlorobenzene	15.265	180	4147	0.920	ug/l	96
95) Naphthalene	15.509	128	23665	5.351	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	5188	1.205	ug/l	93

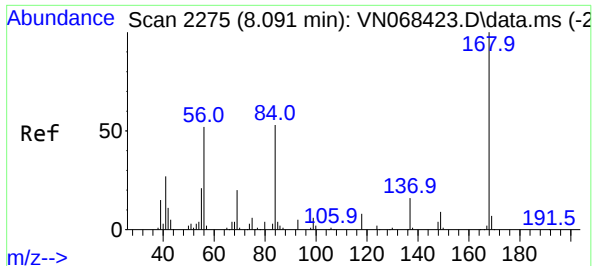
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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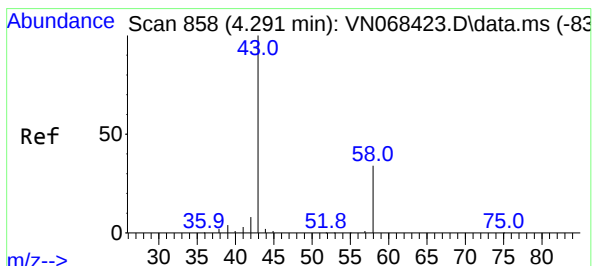
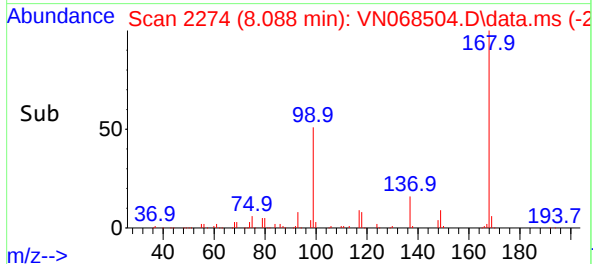
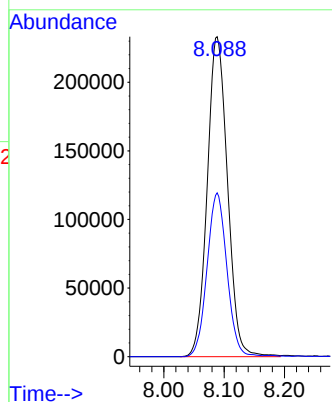
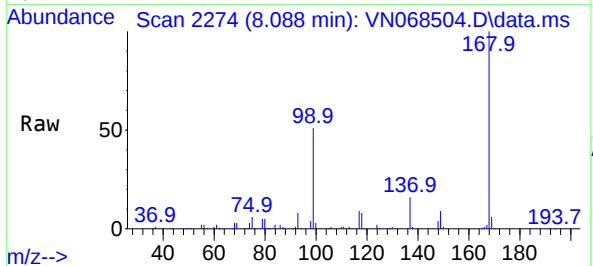




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

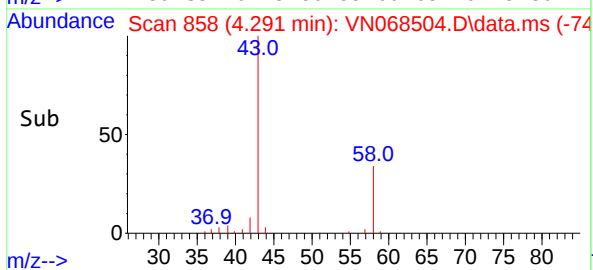
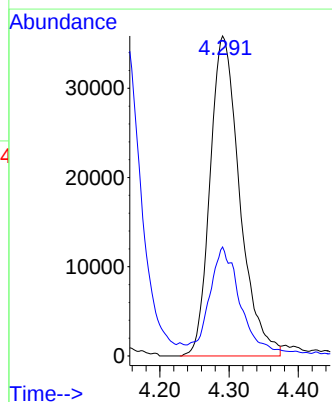
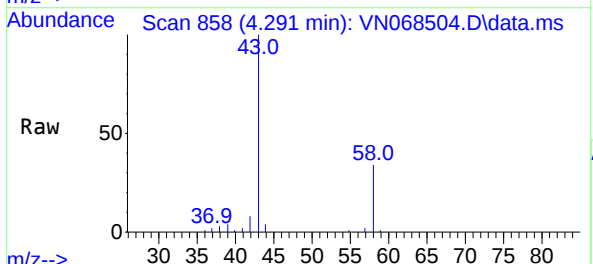
Instrument :
MSVOA_N
ClientSampled :
31185

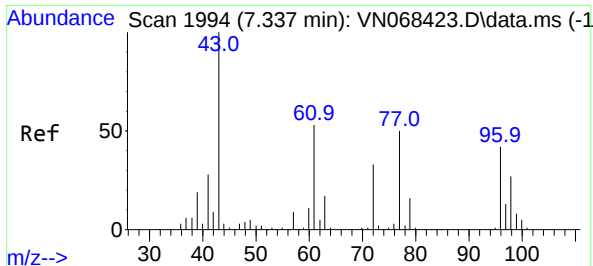
Tgt Ion:168 Resp: 544903
Ion Ratio Lower Upper
168 100
99 51.2 38.2 57.4



#16
Acetone
Concen: 64.485 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion: 43 Resp: 106662
Ion Ratio Lower Upper
43 100
58 32.2 27.0 40.6

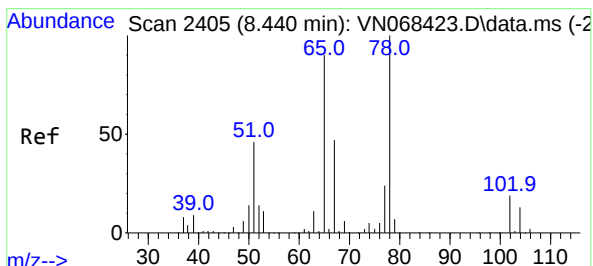
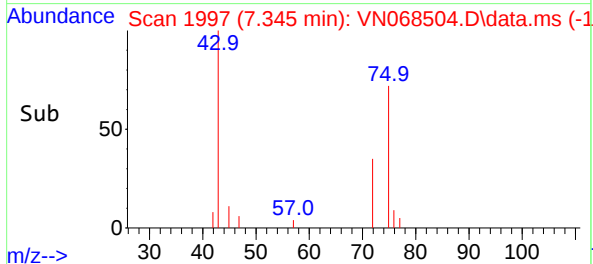
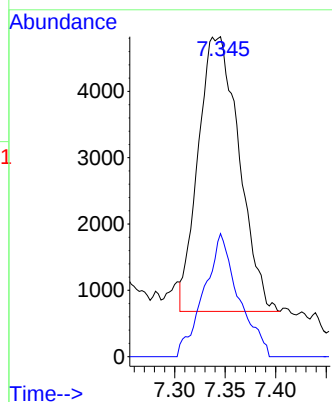
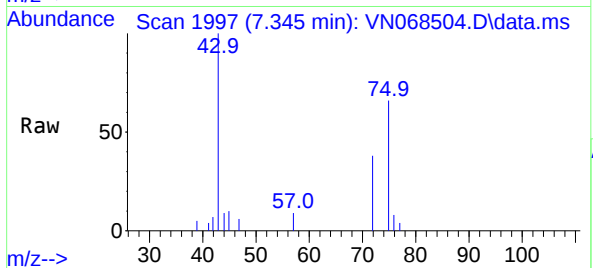




#25
2-Butanone
Concen: 4.805 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

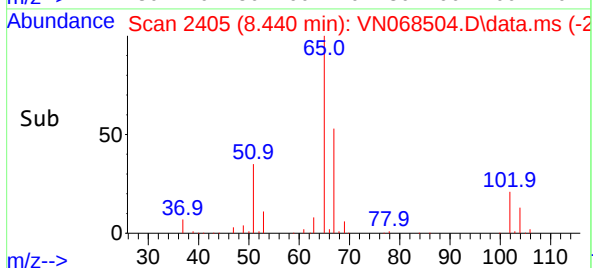
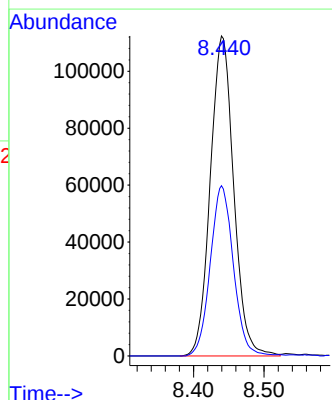
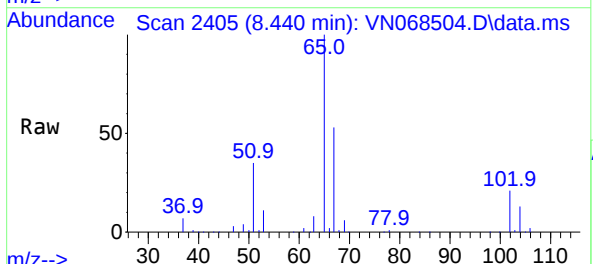
Instrument :
MSVOA_N
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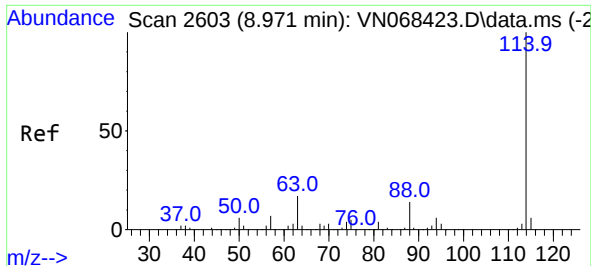
Tgt Ion: 43 Resp: 11670
Ion Ratio Lower Upper
43 100
72 44.8 26.7 40.1#



#33
1,2-Dichloroethane-d4
Concen: 51.859 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion: 65 Resp: 259214
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0

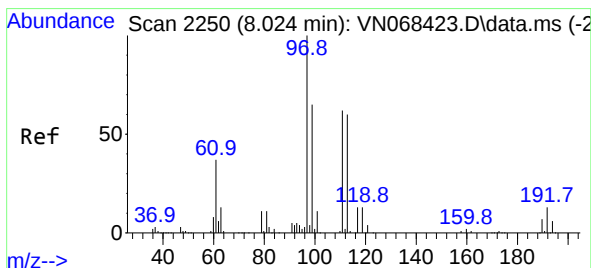
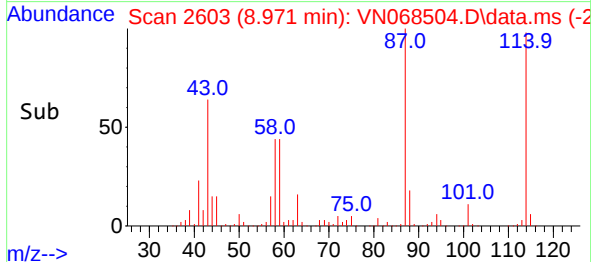
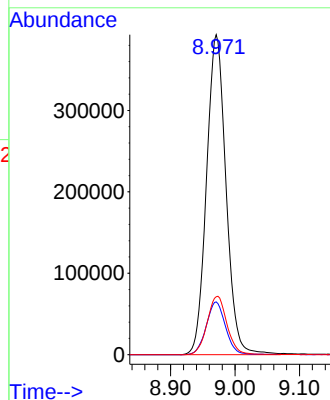
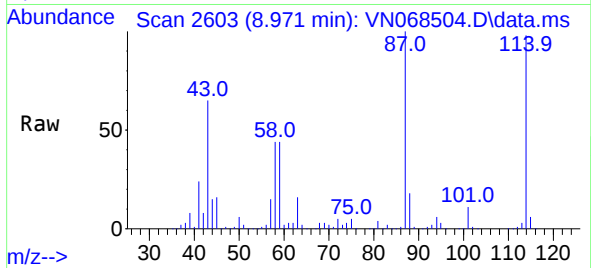




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

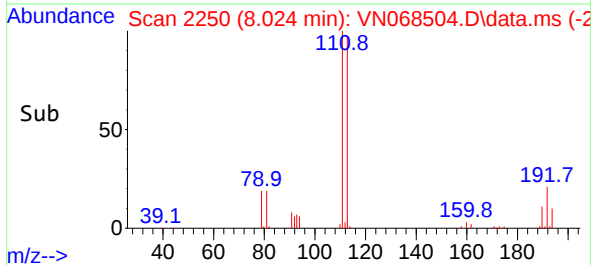
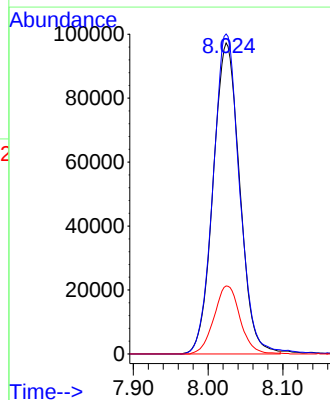
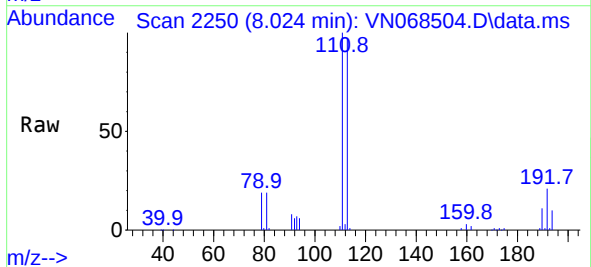
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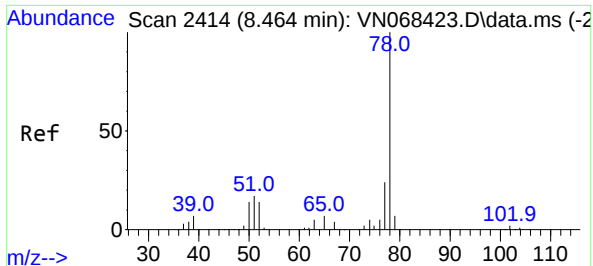
Tgt Ion:114 Resp: 826895
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.2
88 18.1 0.0 28.4



#35
Dibromofluoromethane
Concen: 48.089 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion:113 Resp: 239834
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 21.5 17.7 26.5

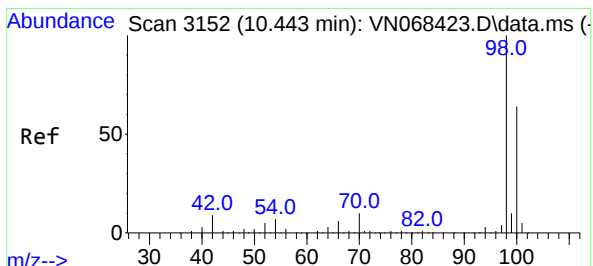
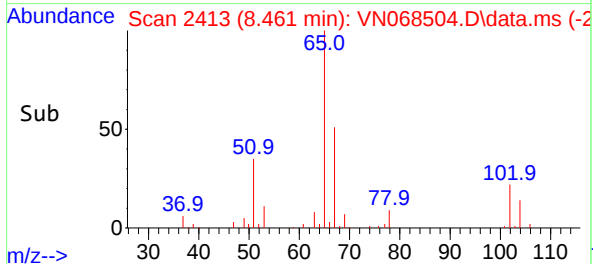
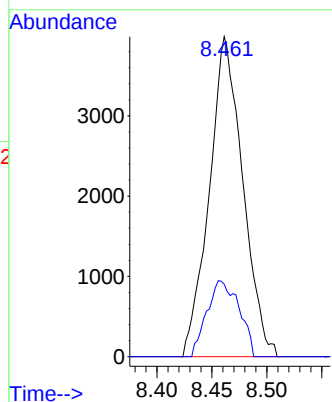
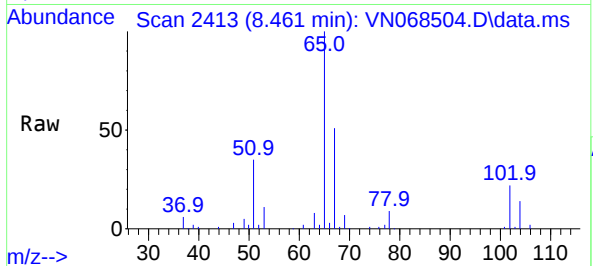




#40
Benzene
Concen: 0.414 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

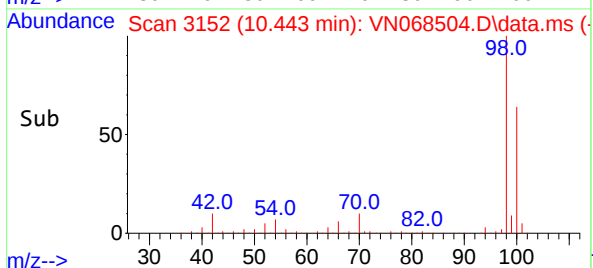
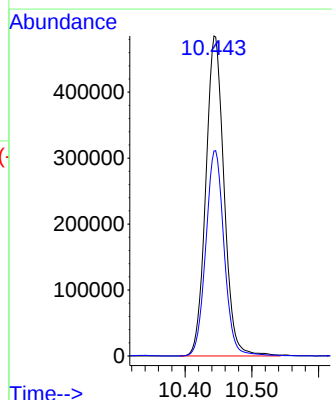
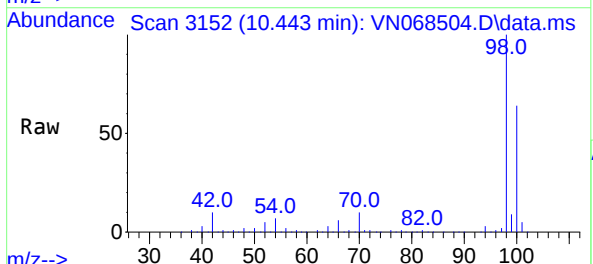
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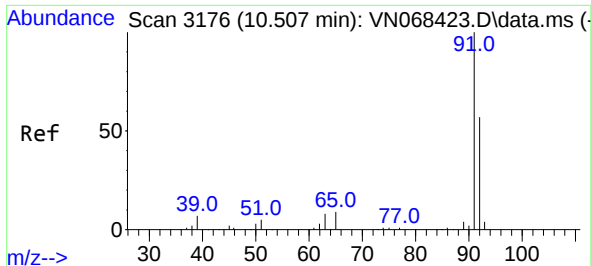
Tgt Ion: 78 Resp: 8446
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9



#50
Toluene-d8
Concen: 50.856 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion: 98 Resp: 921303
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.6

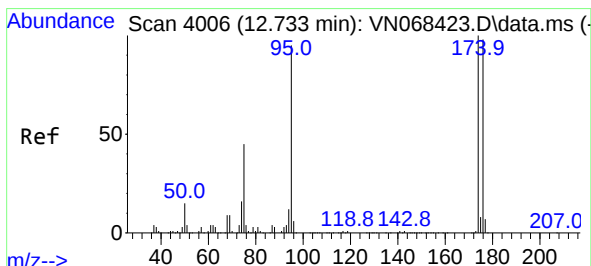
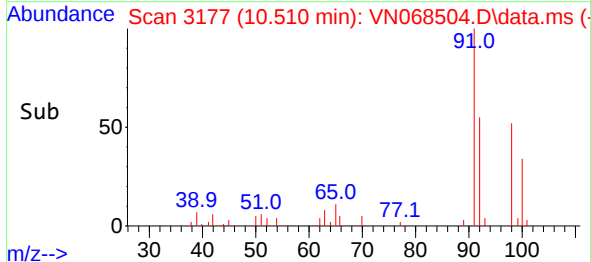
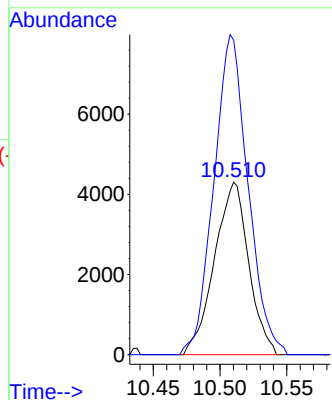
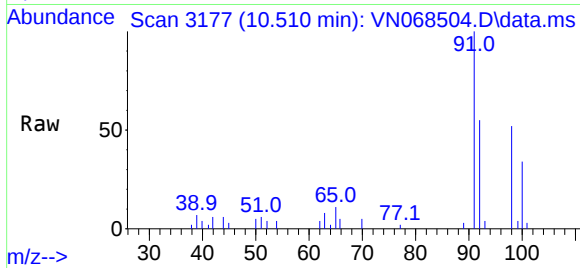




#52
Toluene
Concen: 0.567 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

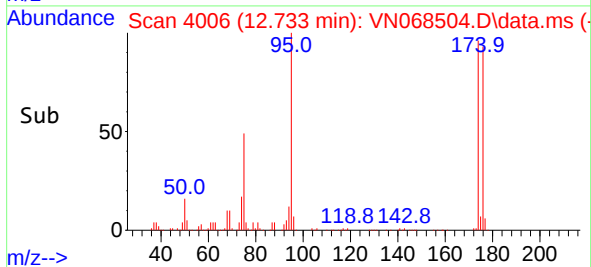
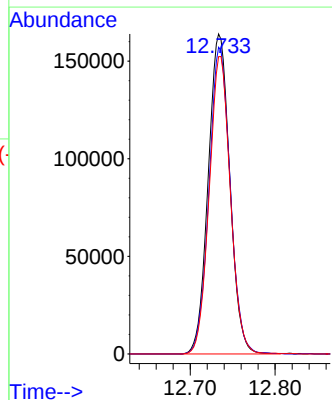
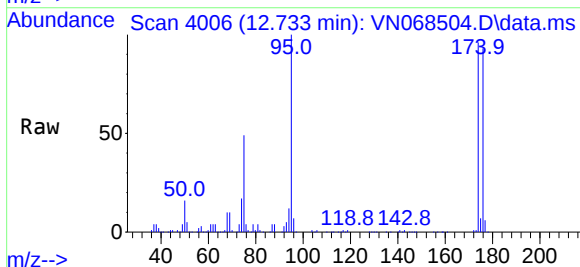
Instrument :
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ClientSampled :
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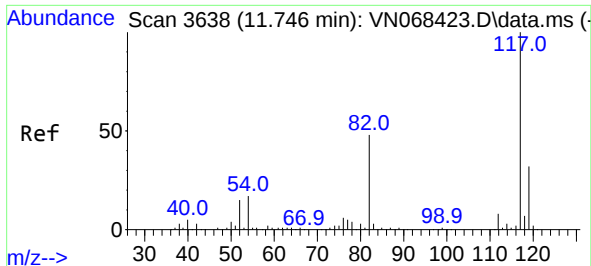
Tgt Ion: 92 Resp: 7675
Ion Ratio Lower Upper
92 100
91 185.1 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 49.821 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion: 95 Resp: 288808
Ion Ratio Lower Upper
95 100
174 94.5 0.0 214.0
176 91.2 0.0 205.4

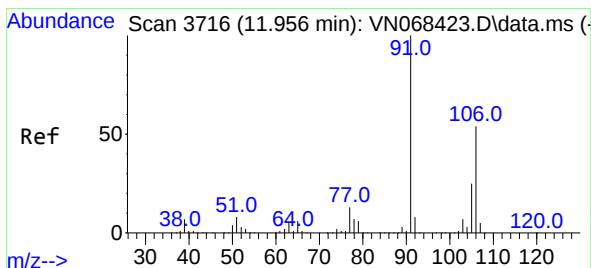
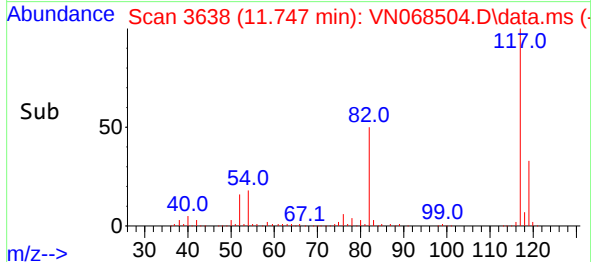
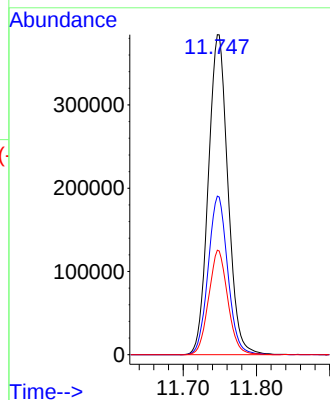
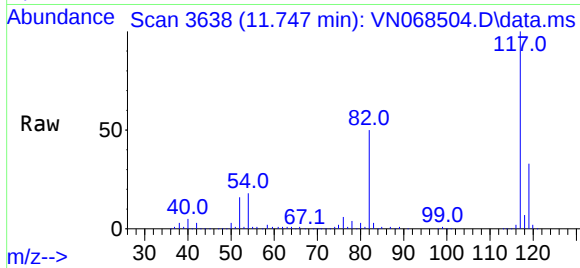




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

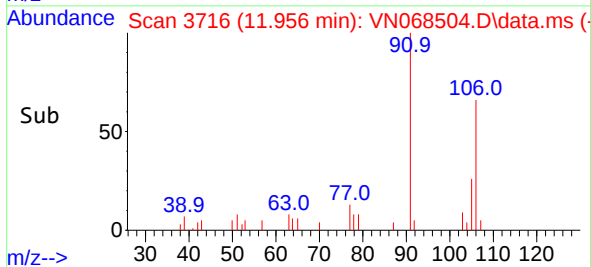
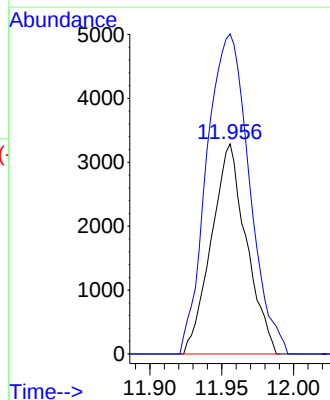
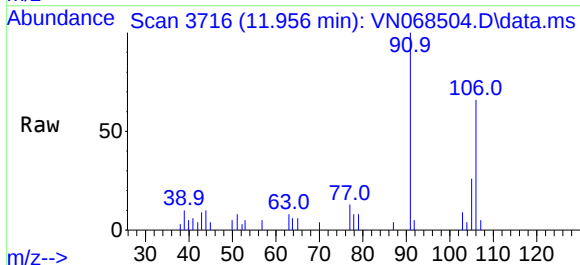
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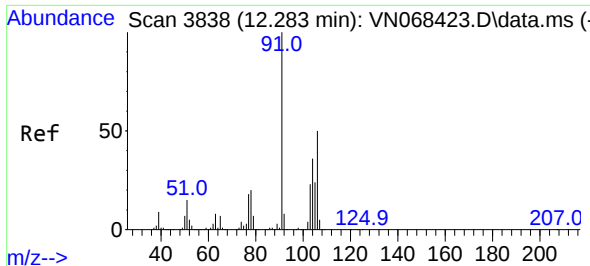
Tgt Ion:117 Resp: 713429
Ion Ratio Lower Upper
117 100
82 49.6 38.7 58.1
119 32.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.576 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion:106 Resp: 5565
Ion Ratio Lower Upper
106 100
91 185.4 149.5 224.3

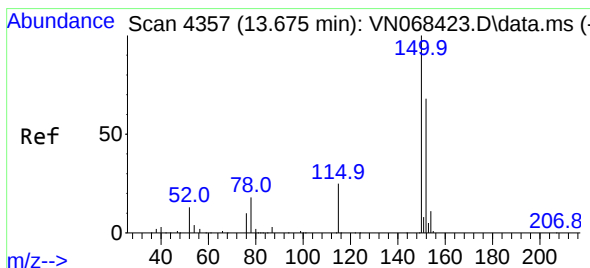
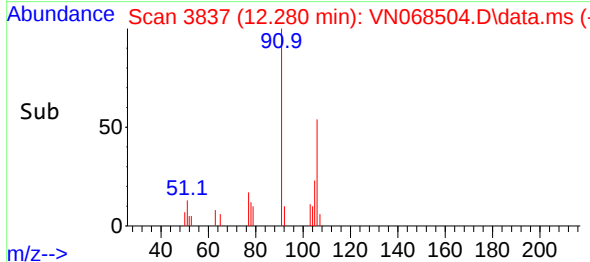
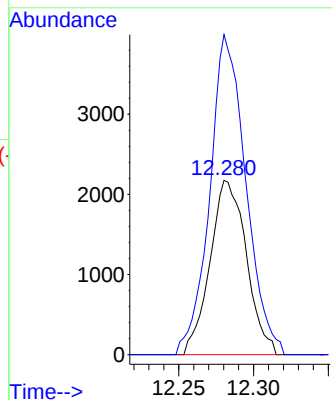
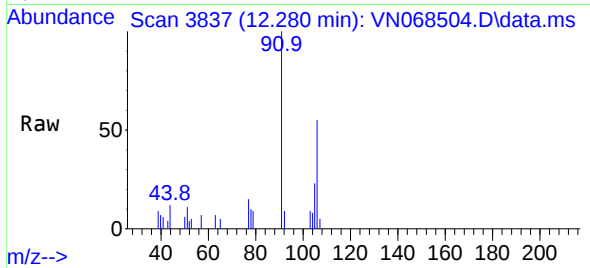




#69
o-Xylene
Concen: 0.391 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

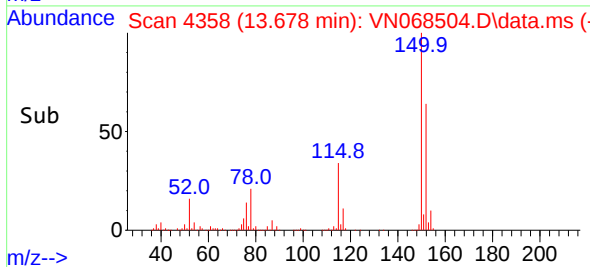
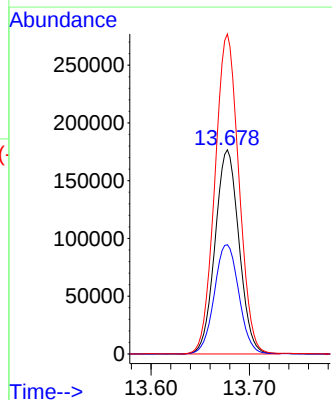
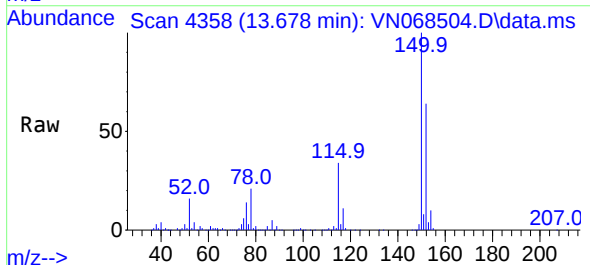
Instrument :
MSVOA_N
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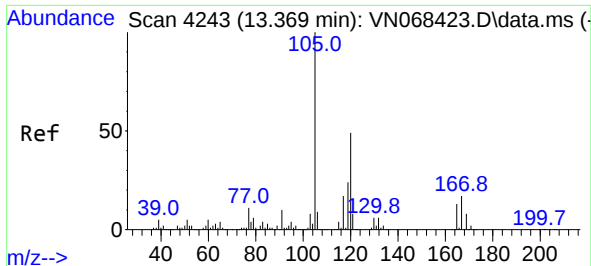
Tgt Ion:106 Resp: 3679
Ion Ratio Lower Upper
106 100
91 182.3 99.3 297.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion:152 Resp: 299738
Ion Ratio Lower Upper
152 100
115 55.1 25.6 76.6
150 157.0 0.0 346.8

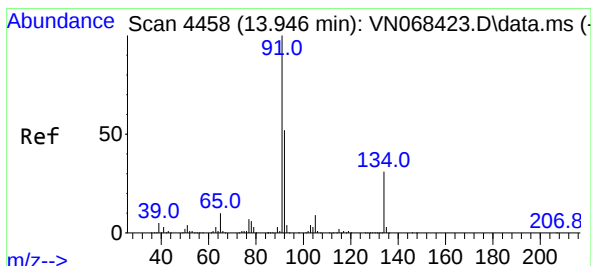
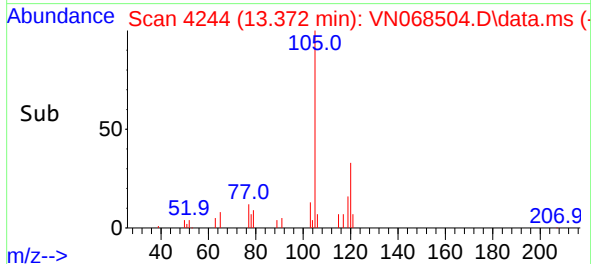
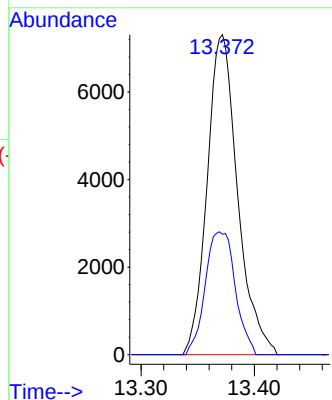
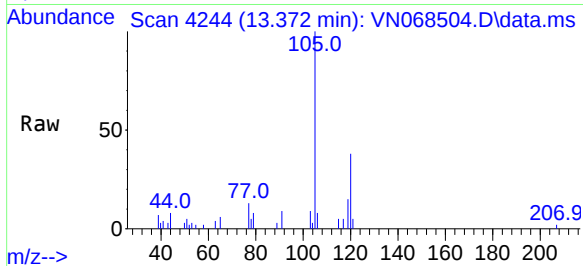




#84
1,2,4-Trimethylbenzene
Concen: 0.822 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

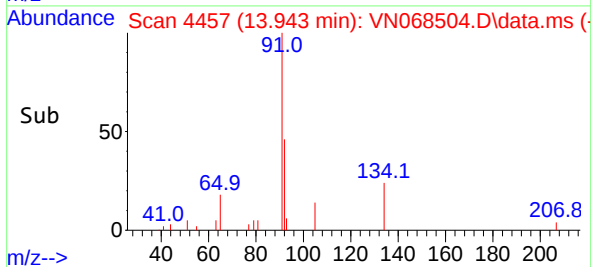
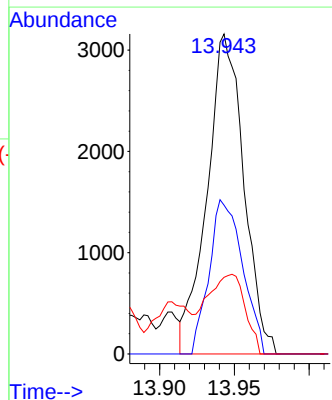
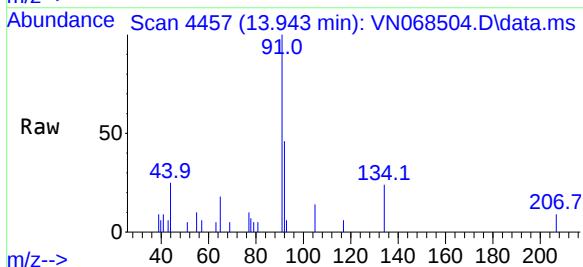
Instrument :
MSVOA_N
ClientSampled :
31185

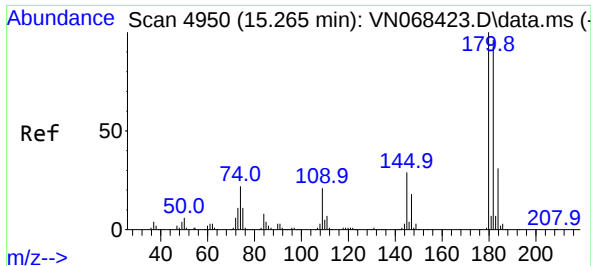
Tgt Ion:105 Resp: 13655
Ion Ratio Lower Upper
105 100
120 37.8 24.3 72.9



#89
n-Butylbenzene
Concen: 0.421 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion: 91 Resp: 5398
Ion Ratio Lower Upper
91 100
92 43.9 26.0 78.0
134 25.5 15.4 46.2

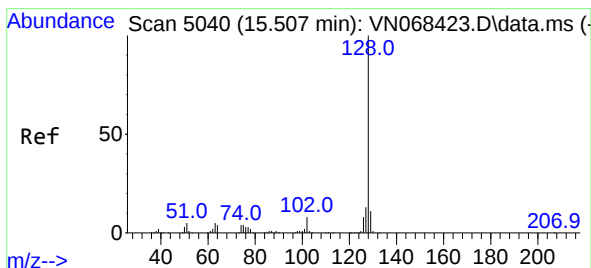
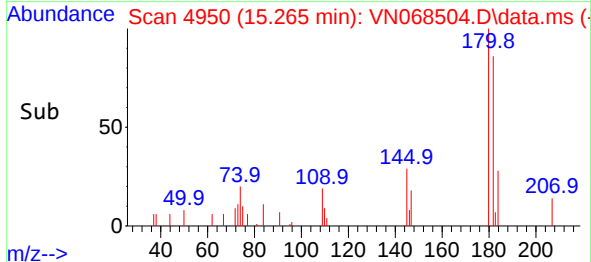
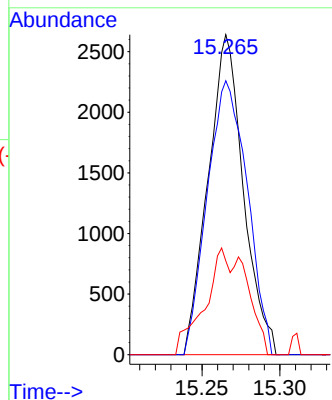
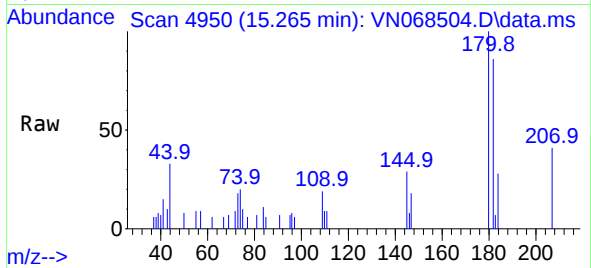




#93
1,2,4-Trichlorobenzene
Concen: 0.920 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

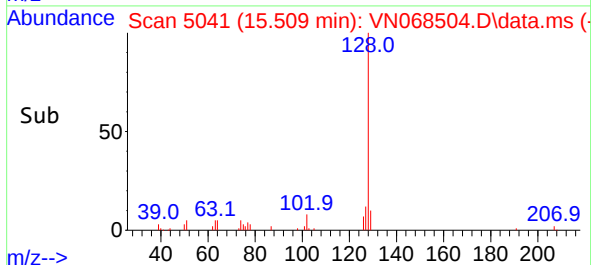
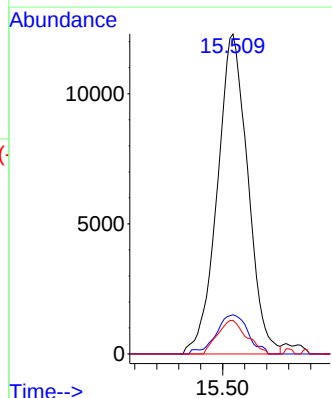
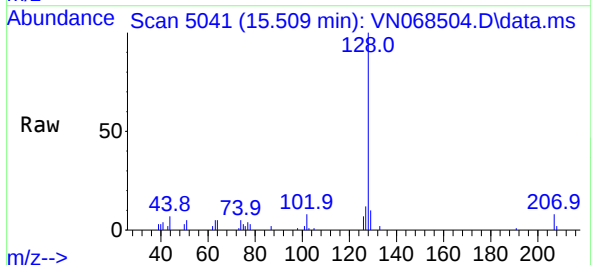
Instrument :
MSVOA_N
ClientSampled :
31185

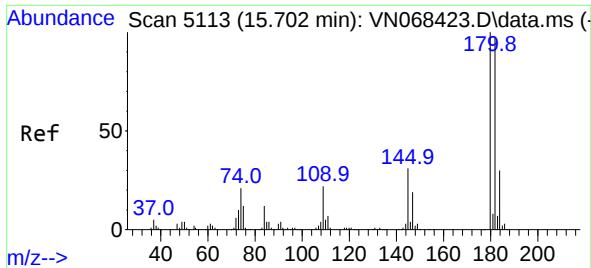
Tgt Ion:180 Resp: 4147
Ion Ratio Lower Upper
180 100
182 97.0 47.5 142.6
145 23.6 14.1 42.4



#95
Naphthalene
Concen: 5.351 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068504.D
Acq: 16 Sep 2021 19:10

Tgt Ion:128 Resp: 23665
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.205 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN068504.D
 Acq: 16 Sep 2021 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 31185

Tgt Ion:180 Resp: 5188
 Ion Ratio Lower Upper
 180 100
 182 98.4 47.9 143.6
 145 41.2 15.2 45.5

