

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
 Data File : VN068505.D
 Acq On : 16 Sep 2021 19:35
 Operator : JC/MD
 Sample : M3759-19 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41094

Quant Time: Sep 17 02:03:04 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)

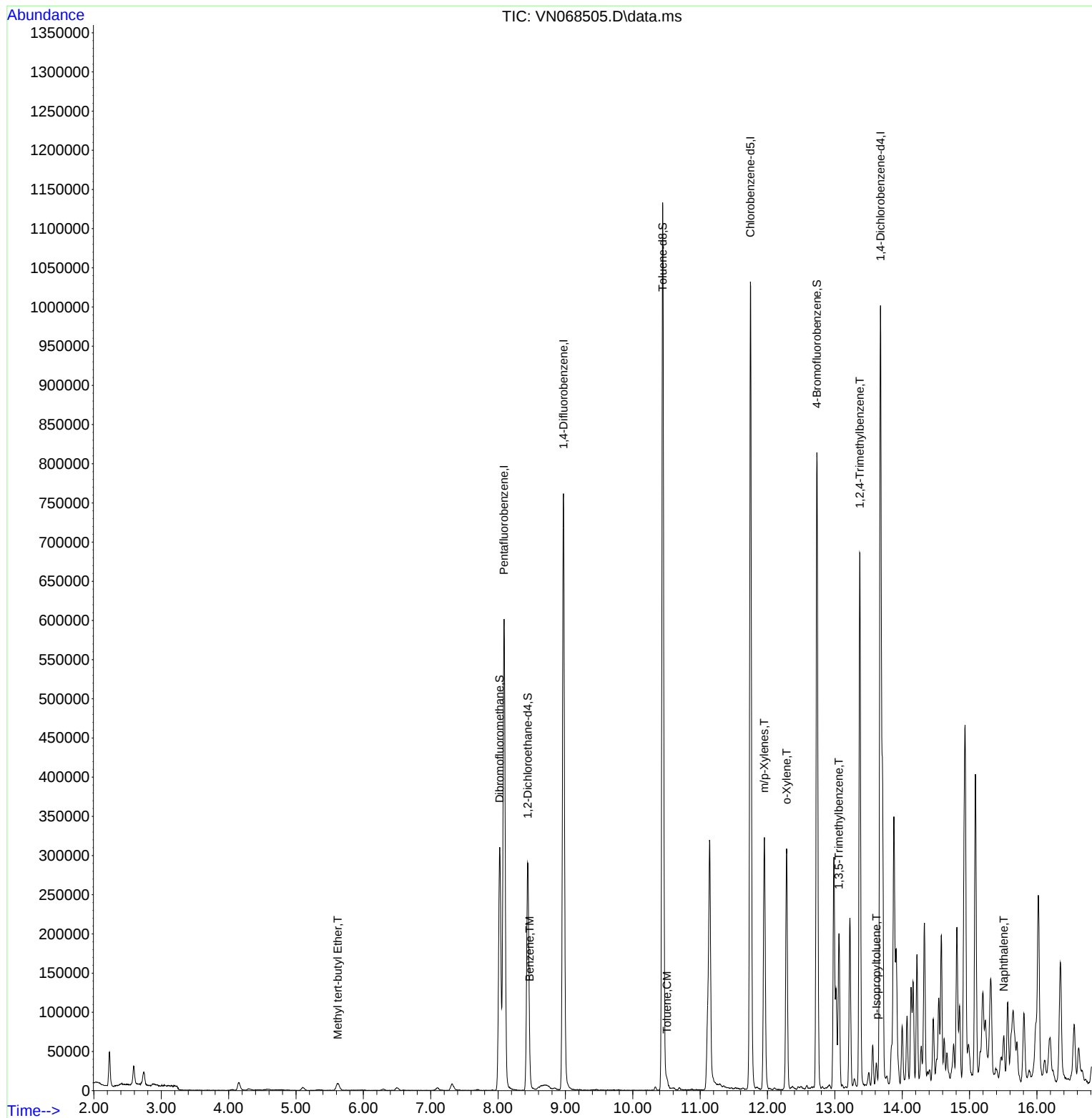
Internal Standards						
1) Pentafluorobenzene	8.088	168	513136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	746741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	663216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	297320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	248975	52.895	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.780%			
35) Dibromofluoromethane	8.024	113	231655	51.435	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.880%			
50) Toluene-d8	10.443	98	859757	52.553	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.100%			
62) 4-Bromofluorobenzene	12.733	95	275928	52.709	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.420%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.618	73	15705	1.163	ug/l	99
40) Benzene	8.466	78	7973	0.433	ug/l	92
52) Toluene	10.507	92	3703	0.303	ug/l	82
68) m/p-Xylenes	11.953	106	113241	12.612	ug/l	96
69) o-Xylene	12.283	106	93839	10.726	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	105107	6.118	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	405361	24.600	ug/l	98
86) p-Isopropyltoluene	13.618	119	14212	0.814	ug/l	92
95) Naphthalene	15.507	128	47546	7.254	ug/l	97

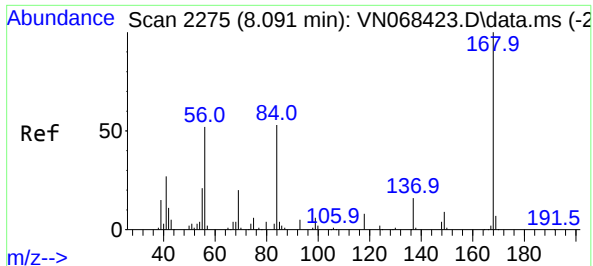
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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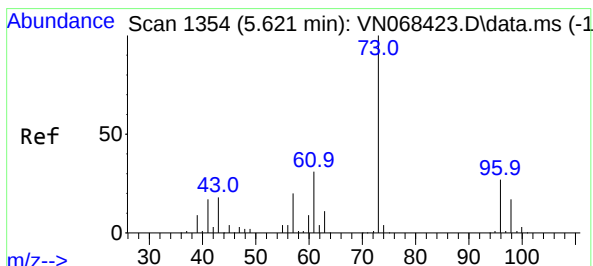
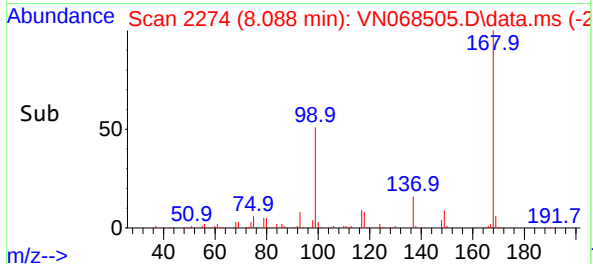
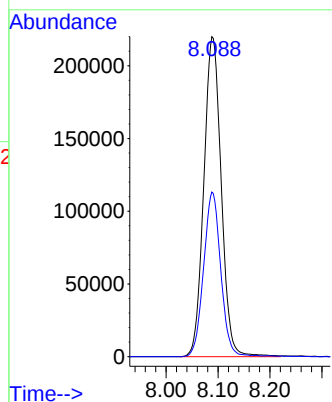
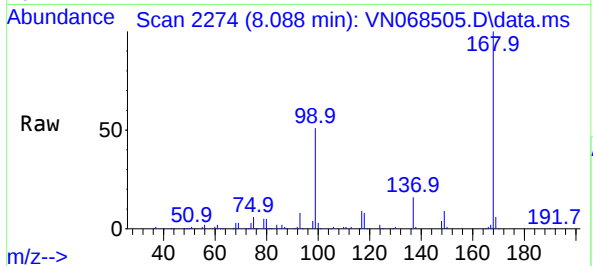




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

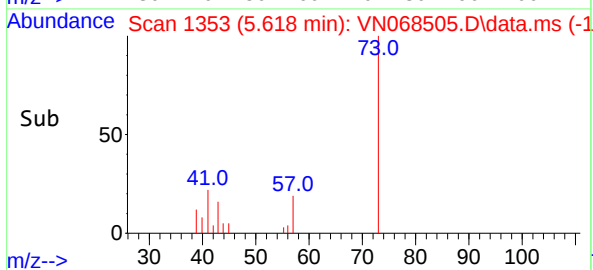
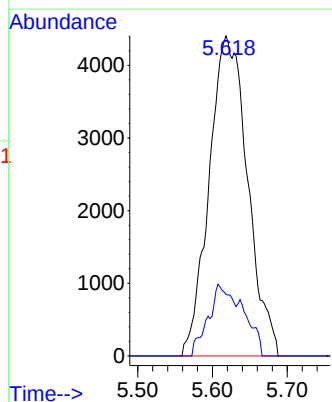
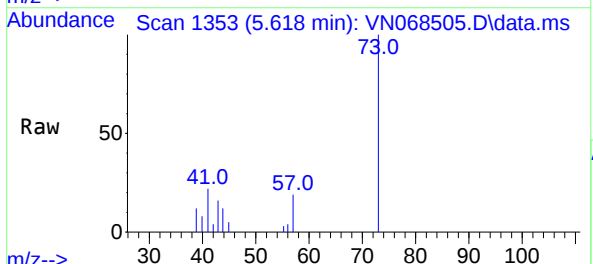
Instrument :
MSVOA_N
ClientSampleId :
41094

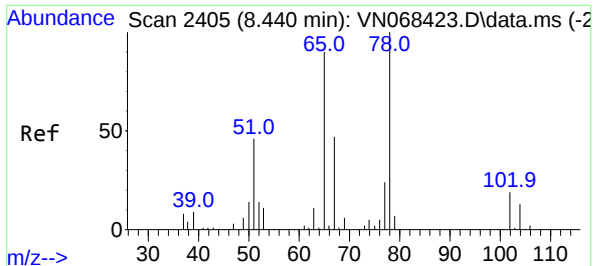
Tgt Ion:168 Resp: 513136
Ion Ratio Lower Upper
168 100
99 51.4 38.2 57.4



#19
Methyl tert-butyl Ether
Concen: 1.163 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

Tgt Ion: 73 Resp: 15705
Ion Ratio Lower Upper
73 100
57 19.3 15.9 23.9



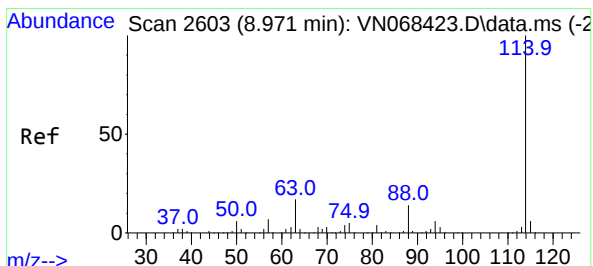
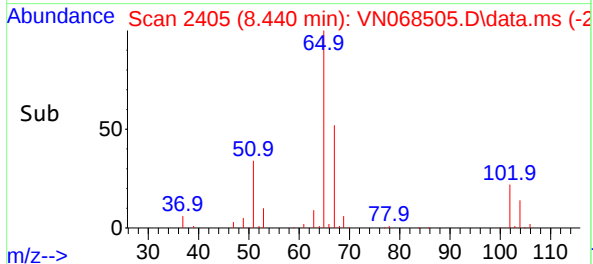
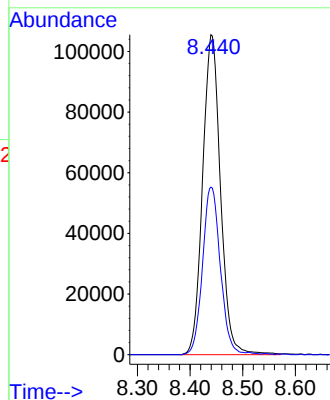
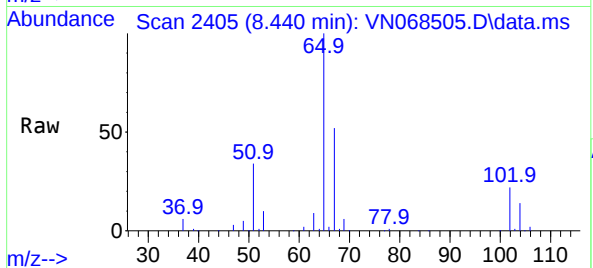


#33

1,2-Dichloroethane-d4
Concen: 52.895 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

Instrument :
MSVOA_N
ClientSampled :
41094

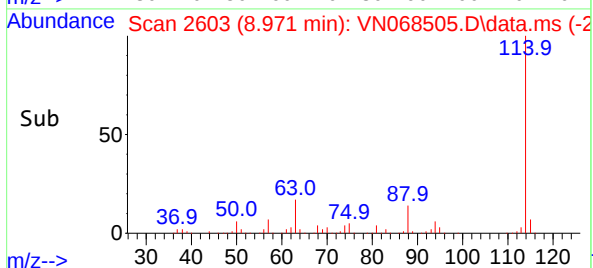
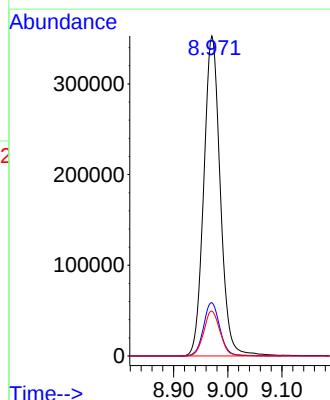
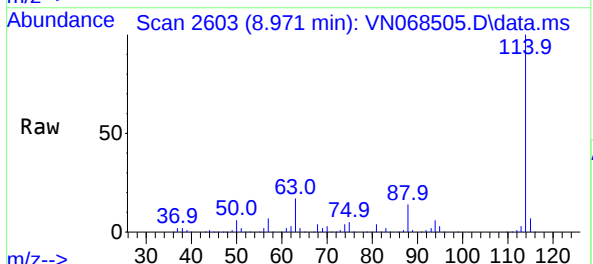
Tgt Ion: 65 Resp: 248975
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

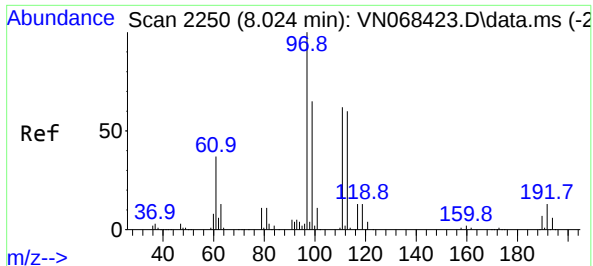


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

Tgt Ion: 114 Resp: 746741
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.2
88 14.1 0.0 28.4



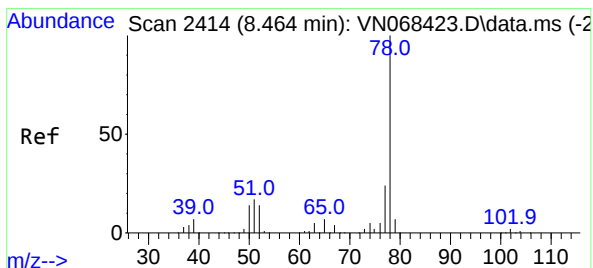
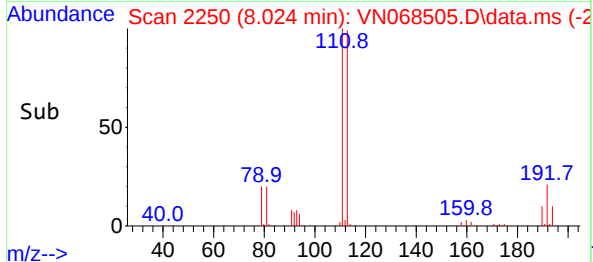
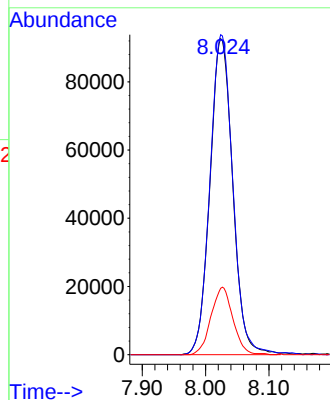
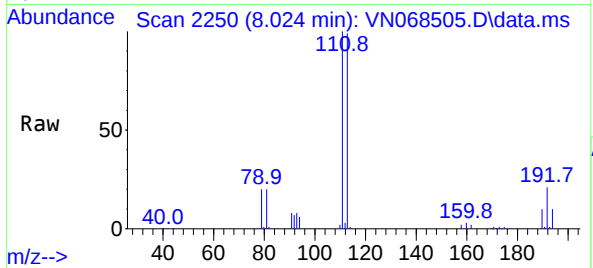


#35
 Dibromofluoromethane
 Concen: 51.435 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. -0.000 min
 Lab File: VN068505.D
 Acq: 16 Sep 2021 19:35

Instrument :
 MSVOA_N
 ClientSampled :
 41094

Tgt Ion:113 Resp: 231655

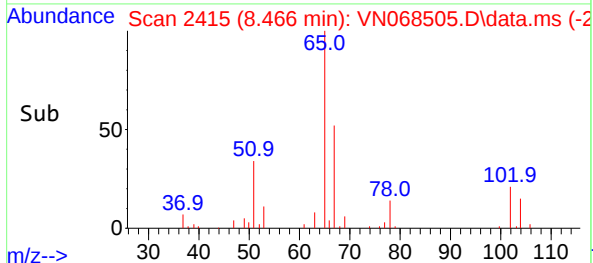
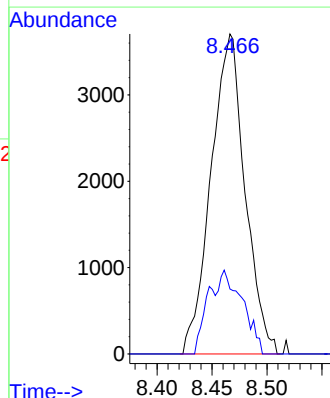
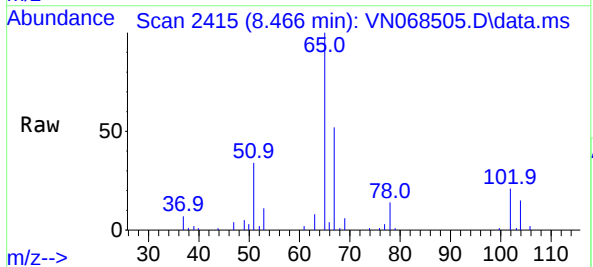
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	20.4	17.7	26.5

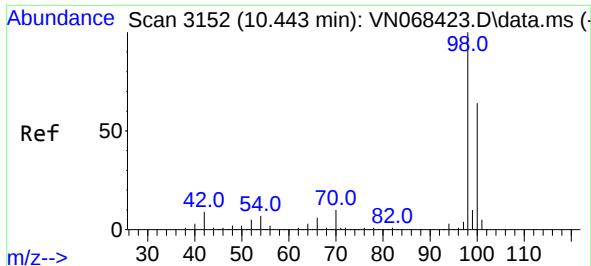


#40
 Benzene
 Concen: 0.433 ug/l
 RT: 8.466 min Scan# 2415
 Delta R.T. 0.003 min
 Lab File: VN068505.D
 Acq: 16 Sep 2021 19:35

Tgt Ion: 78 Resp: 7973

Ion	Ratio	Lower	Upper
78	100		
77	20.3	19.3	28.9

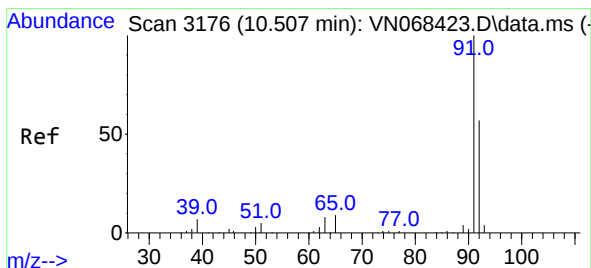
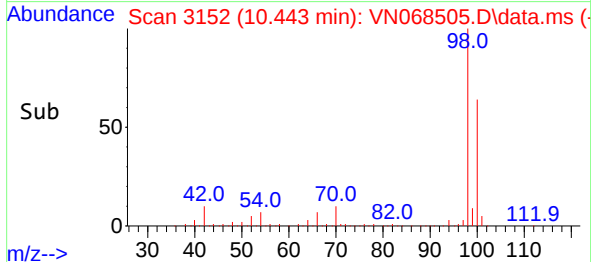
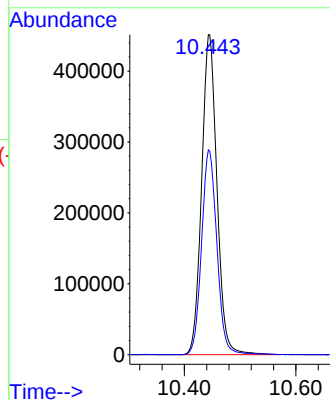
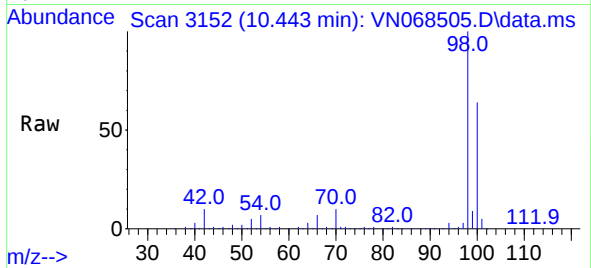




#50
Toluene-d8
Concen: 52.553 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

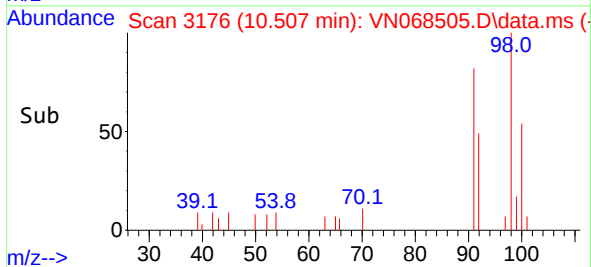
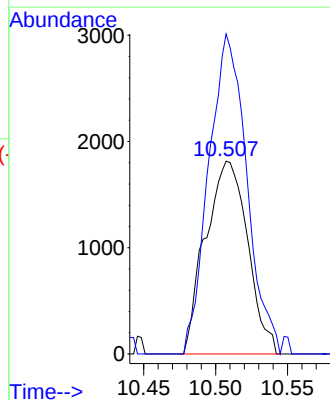
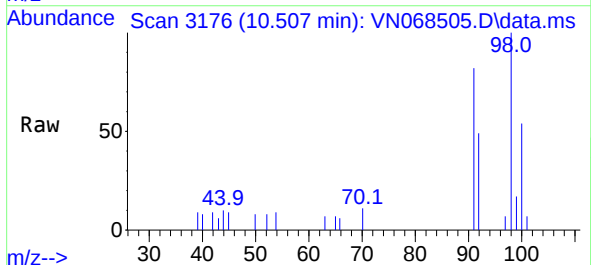
Instrument :
MSVOA_N
ClientSampled :
41094

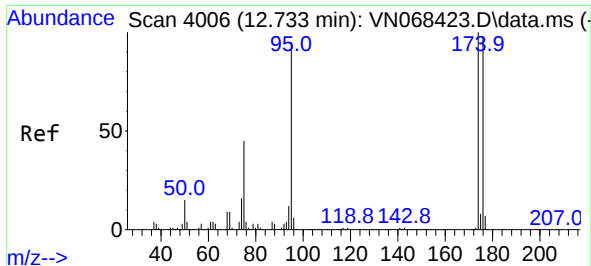
Tgt Ion: 98 Resp: 859757
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6



#52
Toluene
Concen: 0.303 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

Tgt Ion: 92 Resp: 3703
Ion Ratio Lower Upper
92 100
91 149.4 139.4 209.0

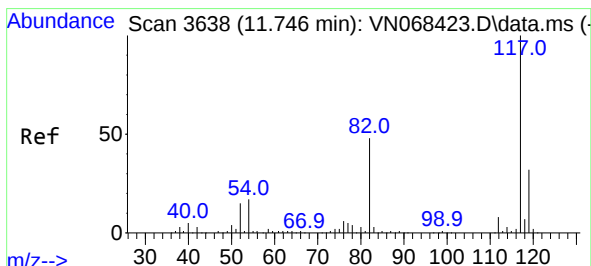
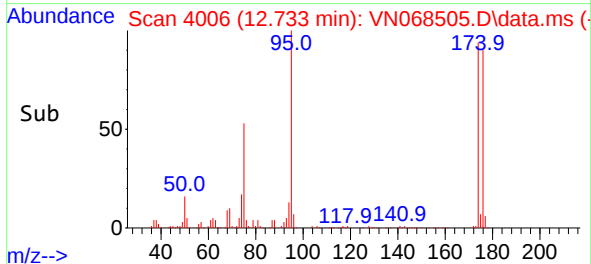
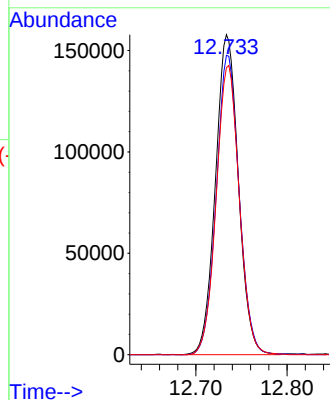
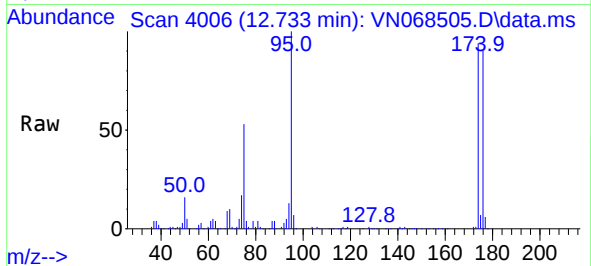




#62
4-Bromofluorobenzene
Concen: 52.709 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

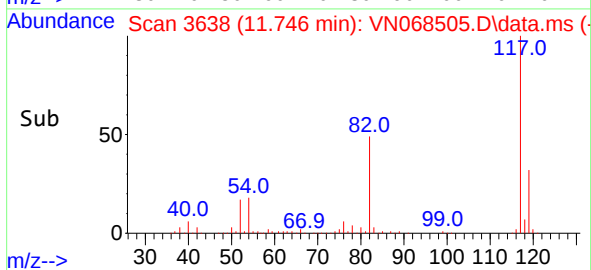
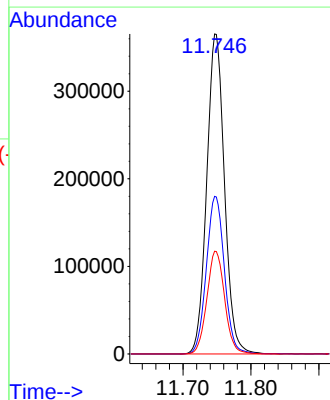
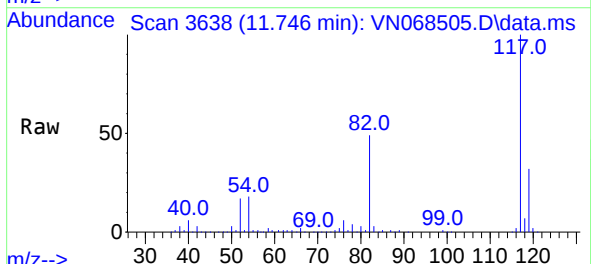
Instrument :
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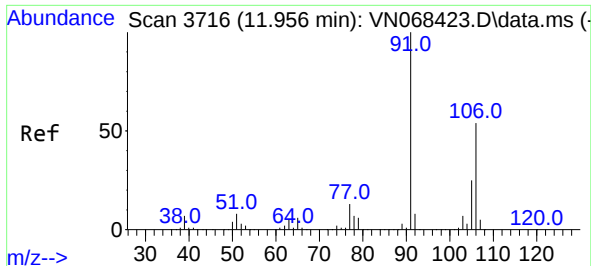
Tgt Ion: 95 Resp: 275928
Ion Ratio Lower Upper
95 100
174 93.4 0.0 214.0
176 90.9 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

Tgt Ion: 117 Resp: 663216
Ion Ratio Lower Upper
117 100
82 49.2 38.7 58.1
119 32.1 25.5 38.3

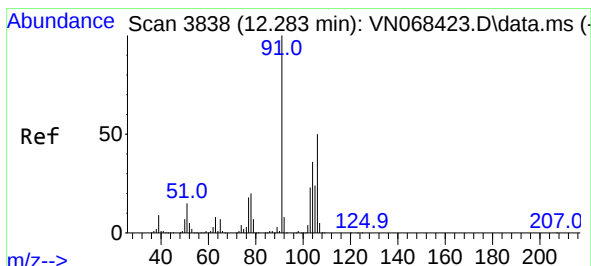
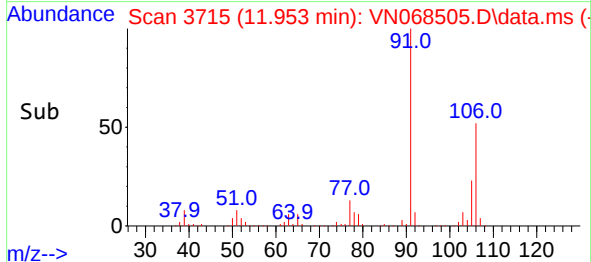
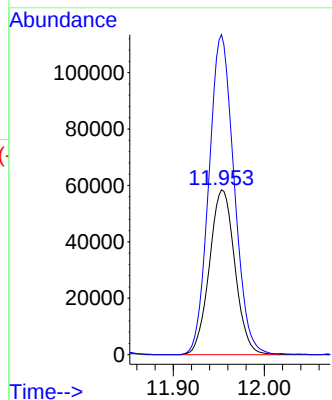
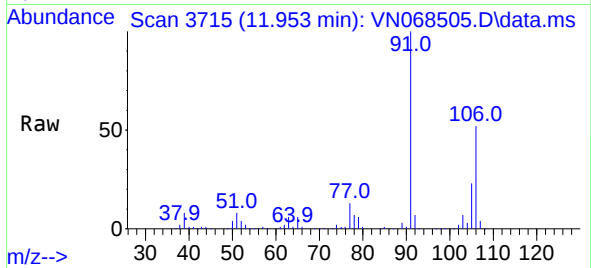




#68
m/p-Xylenes
Concen: 12.612 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

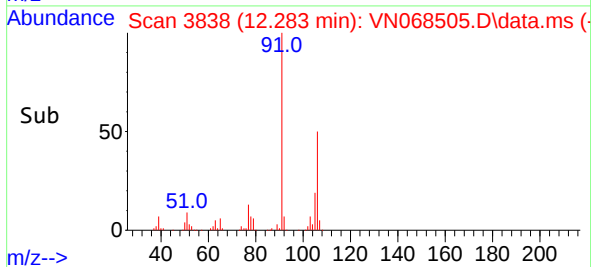
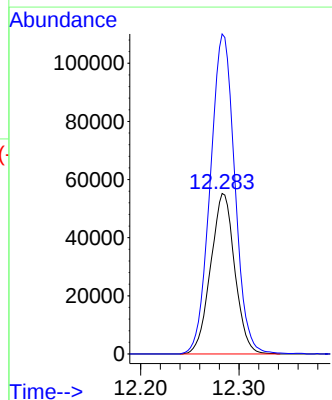
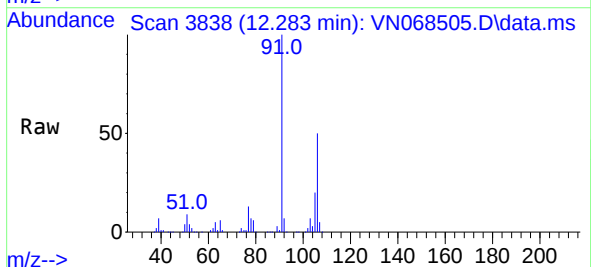
Instrument :
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ClientSampled :
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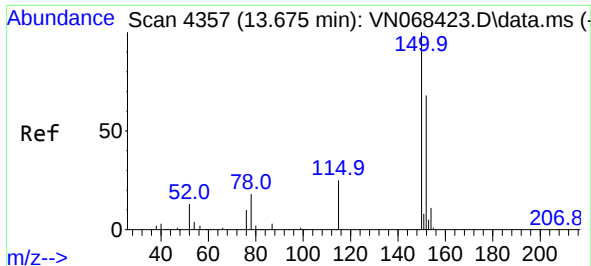
Tgt Ion:106 Resp: 113241
Ion Ratio Lower Upper
106 100
91 192.7 149.5 224.3



#69
o-Xylene
Concen: 10.726 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

Tgt Ion:106 Resp: 93839
Ion Ratio Lower Upper
106 100
91 203.4 99.3 297.8

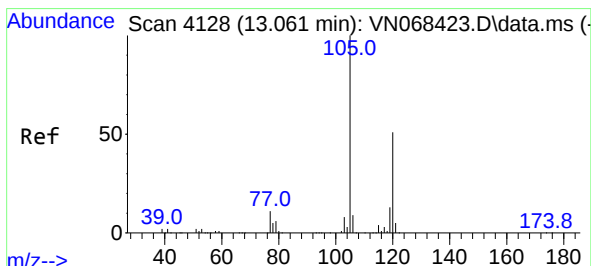
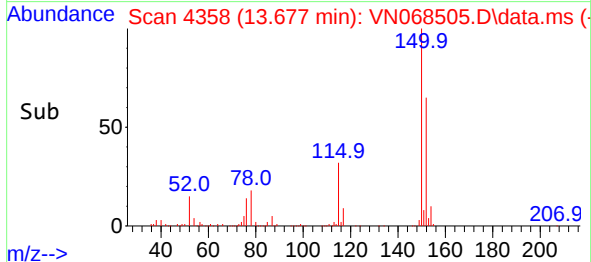
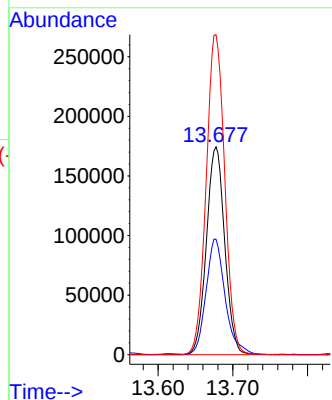
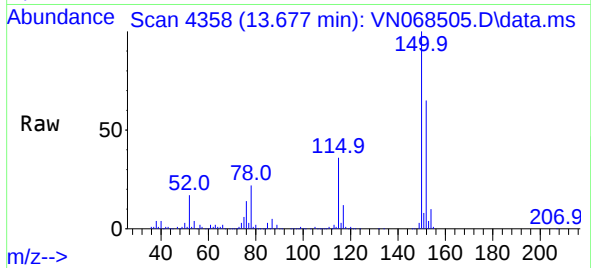




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

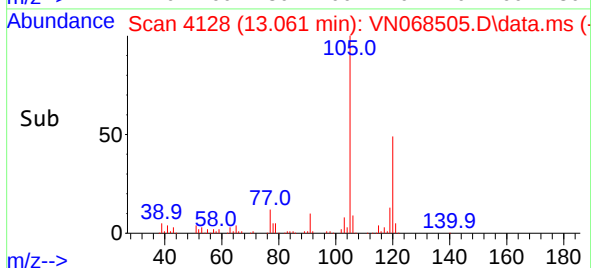
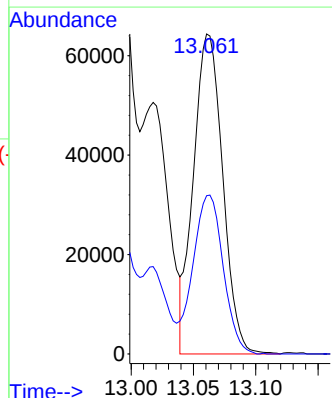
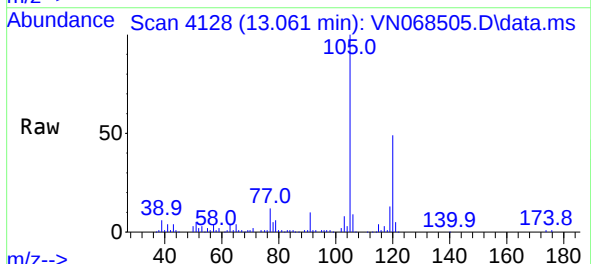
Instrument :
MSVOA_N
ClientSampled :
41094

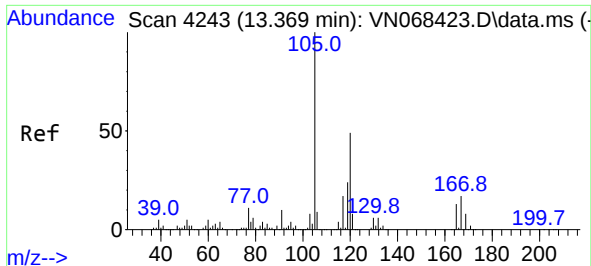
Tgt Ion:152 Resp: 297320
Ion Ratio Lower Upper
152 100
115 58.5 25.6 76.6
150 156.0 0.0 346.8



#80
1,3,5-Trimethylbenzene
Concen: 6.118 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

Tgt Ion:105 Resp: 105107
Ion Ratio Lower Upper
105 100
120 51.6 25.7 77.1

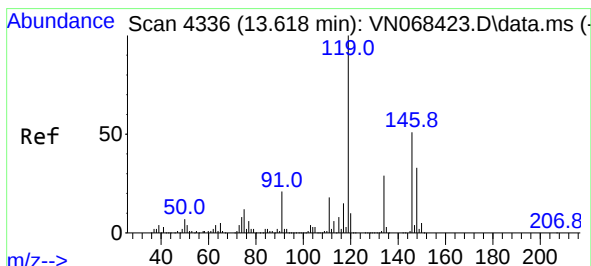
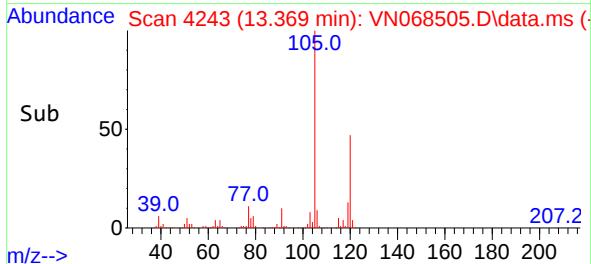
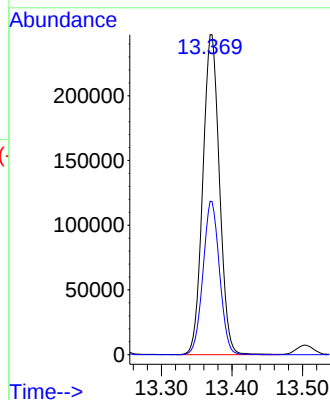
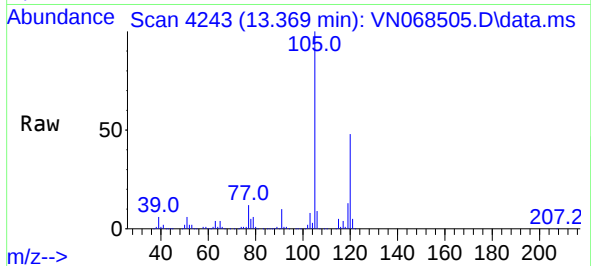




#84
1,2,4-Trimethylbenzene
Concen: 24.600 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

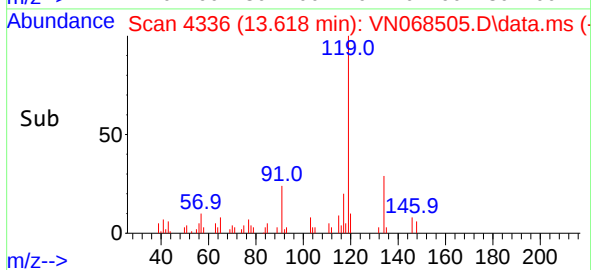
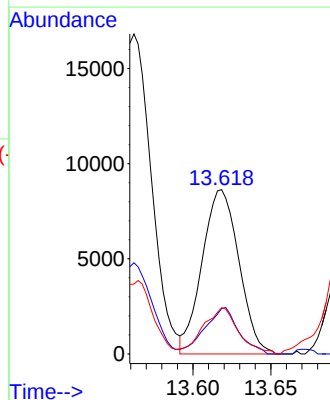
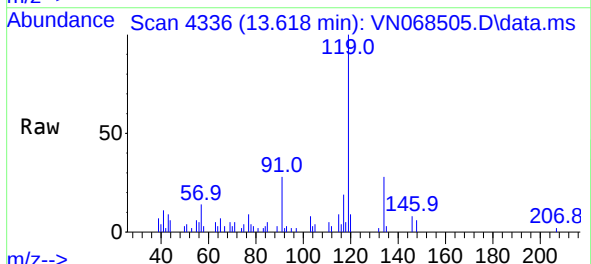
Instrument :
MSVOA_N
ClientSampled :
41094

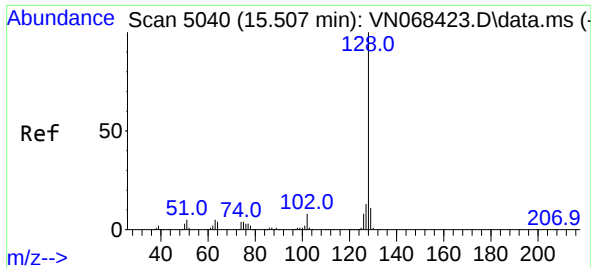
Tgt Ion:105 Resp: 405361
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.9



#86
p-Isopropyltoluene
Concen: 0.814 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

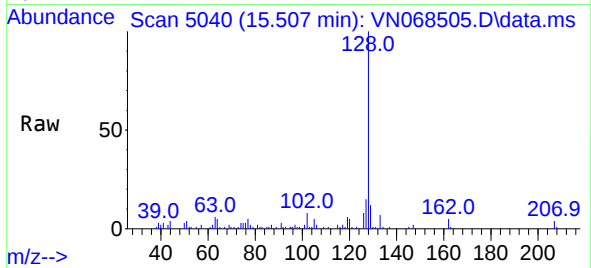
Tgt Ion:119 Resp: 14212
Ion Ratio Lower Upper
119 100
134 25.8 14.1 42.4
91 27.2 10.6 31.8





#95
Naphthalene
Concen: 7.254 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068505.D
Acq: 16 Sep 2021 19:35

Instrument :
MSVOA_N
ClientSampleId :
41094



Tgt Ion:	128	Resp:	47546
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	15.8
129	9.9	8.6	13.0

