

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068496.D
 Acq On : 15 Sep 2021 20:22
 Operator : JC/MD
 Sample : M3759-19 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41094

Manual Integrations
 APPROVED

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 9/16/2021 7:24:25 PM

Quant Time: Sep 16 03:19:41 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	8.091	168	601510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	841467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	746580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	334393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	274525	49.754	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.500%			
35) Dibromofluoromethane	8.024	113	259086	51.050	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.100%			
50) Toluene-d8	10.446	98	963853	52.283	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.560%			
62) 4-Bromofluorobenzene	12.733	95	305316	51.757	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.520%			
Target Compounds						
16) Acetone	4.301	43	4152m	2.274	ug/l	Qvalue
52) Toluene	10.510	92	6374	0.463	ug/l	99
68) m/p-Xylenes	11.953	106	31824	3.148	ug/l	99
69) o-Xylene	12.283	106	24485	2.486	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	66963	3.465	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	230474	12.436	ug/l	100
85) sec-Butylbenzene	13.506	105	11029	0.474	ug/l	90
86) p-Isopropyltoluene	13.619	119	13017	0.663	ug/l	94
89) n-Butylbenzene	13.943	91	8420m	0.589	ug/l	
95) Naphthalene	15.507	128	13557	4.449	ug/l #	87

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

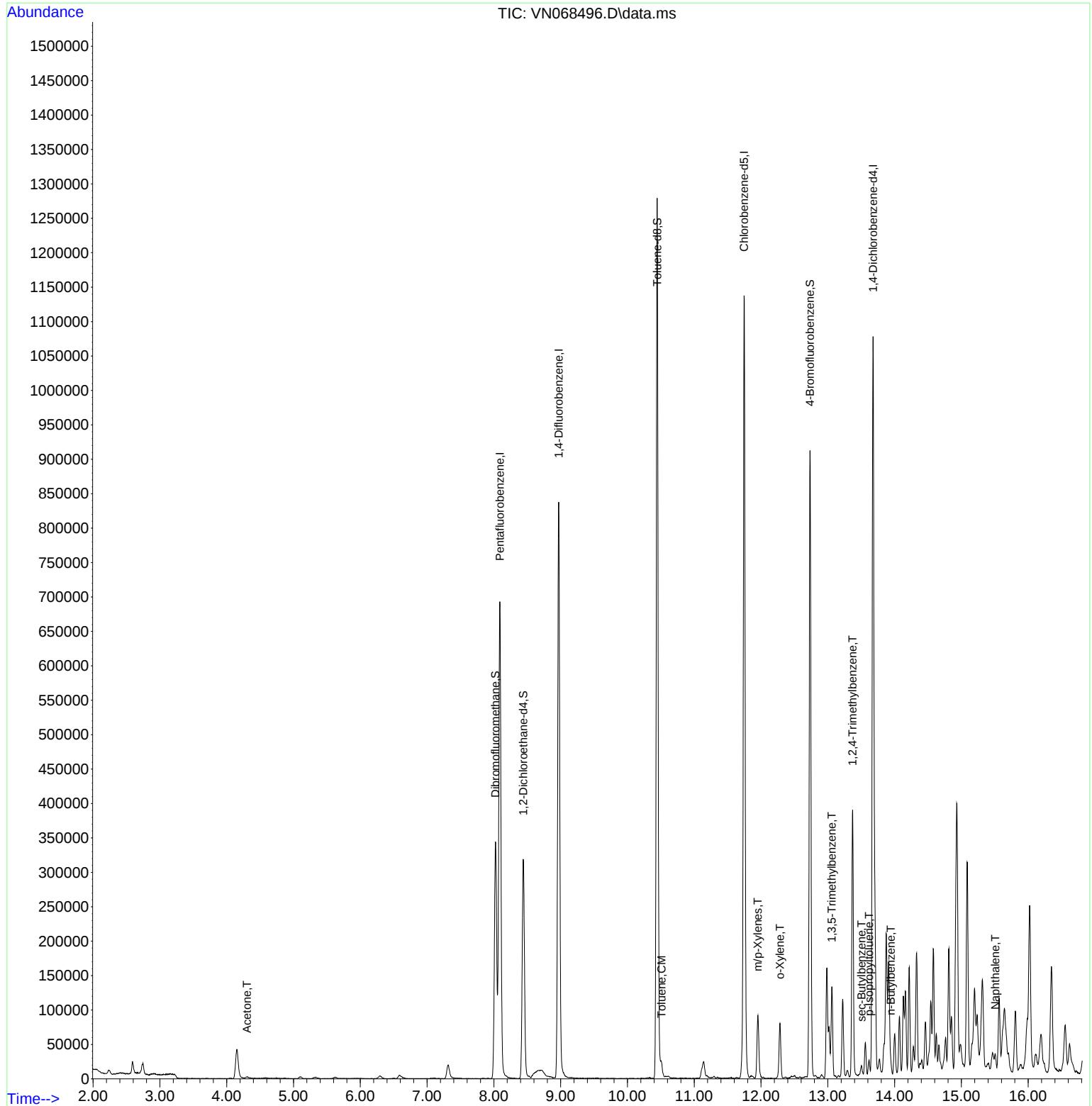
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068496.D
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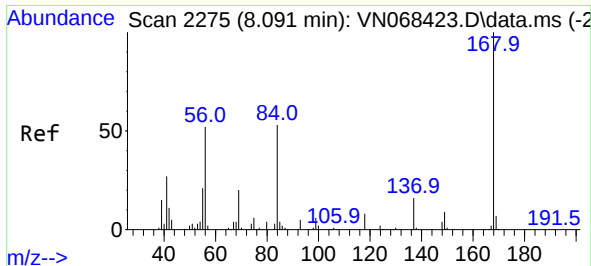
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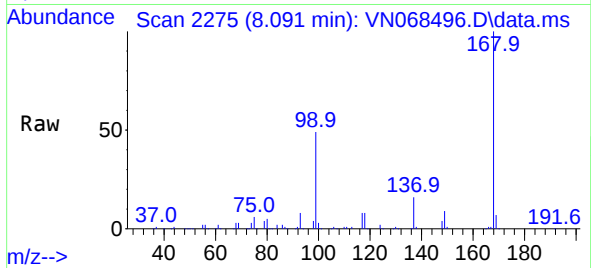
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Quant Time: Sep 16 03:19:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 10 04:04:05 2021
Response via : Initial Calibration

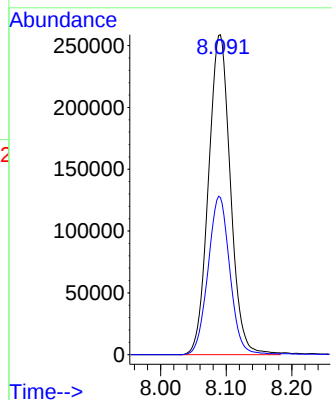
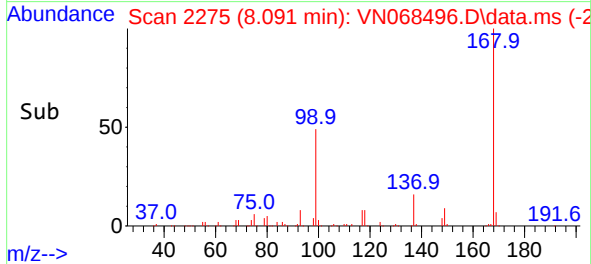




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22



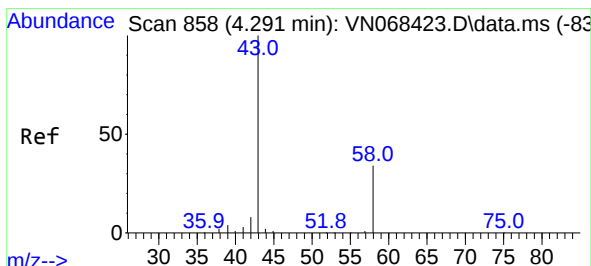
Tgt Ion: 168 Resp: 601510
Ion Ratio Lower Upper
168 100
99 49.1 38.2 57.4



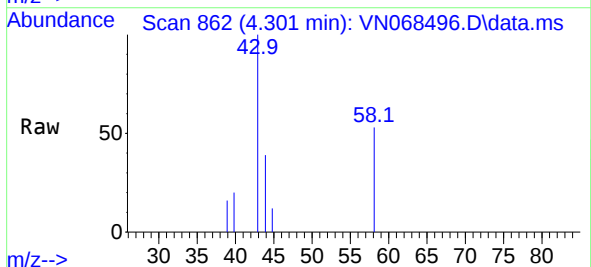
Instrument :
MSVOA_N
ClientSampled :
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Manual Integrations
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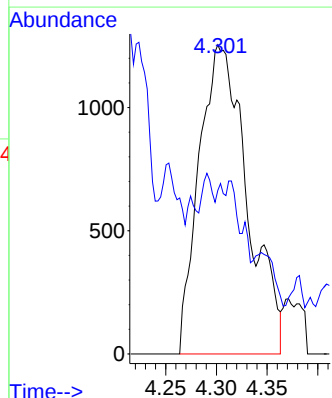
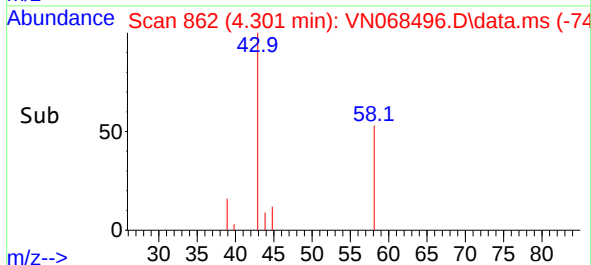
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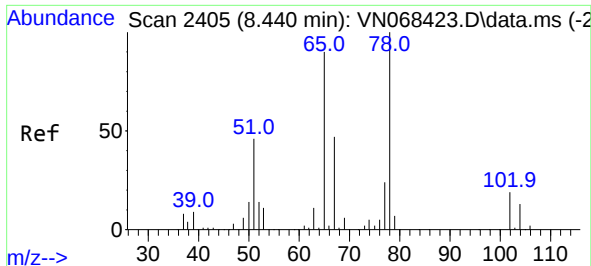


#16
Acetone
Concen: 2.274 ug/l m
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22

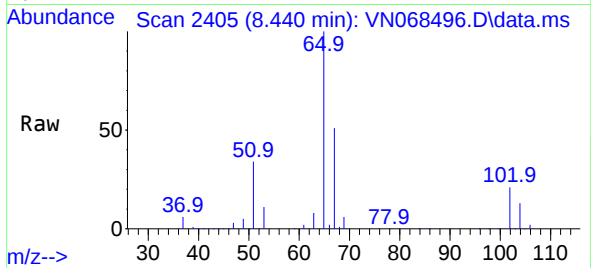


Tgt Ion: 43 Resp: 4152
Ion Ratio Lower Upper
43 100
58 52.9 27.0 40.6#

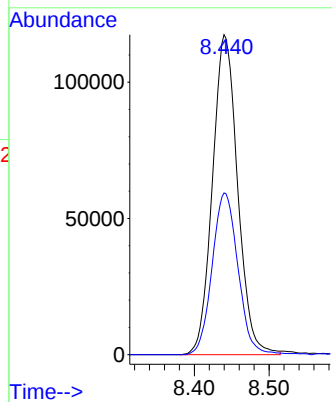




#33
 1,2-Dichloroethane-d4
 Concen: 49.754 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN068496.D
 Acq: 15 Sep 2021 20:22



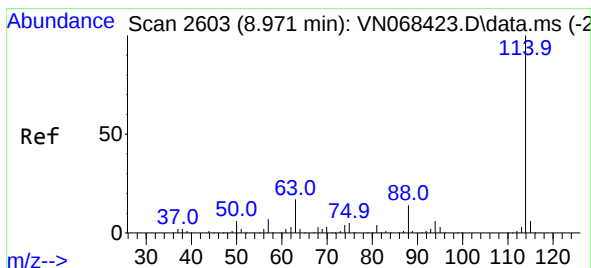
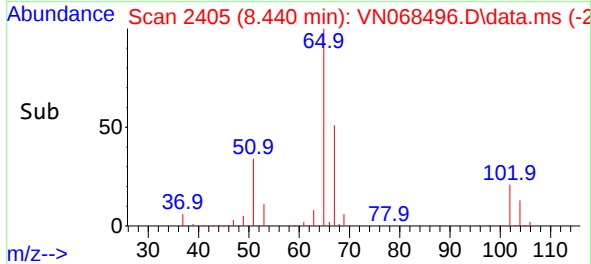
Tgt Ion: 65 Resp: 274525
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



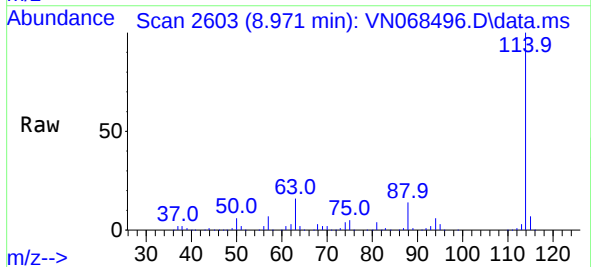
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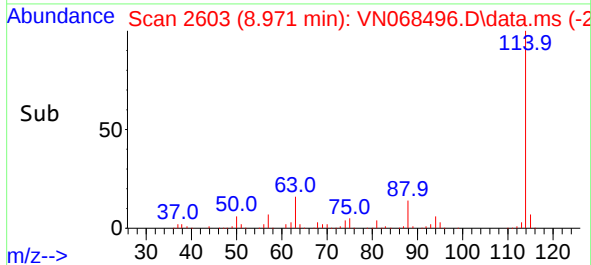
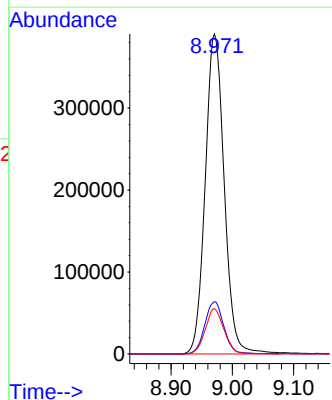
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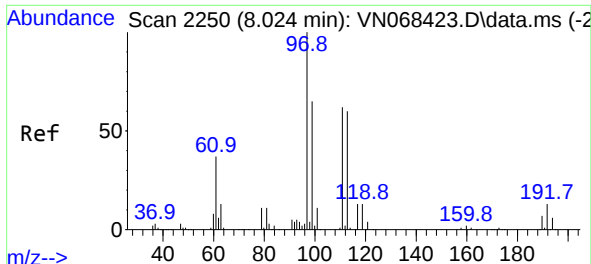


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068496.D
 Acq: 15 Sep 2021 20:22

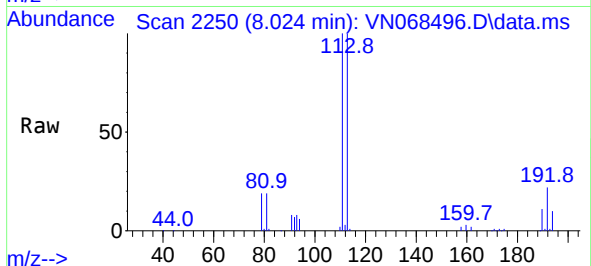


Tgt Ion: 114 Resp: 841467
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 33.2
 88 14.2 0.0 28.4

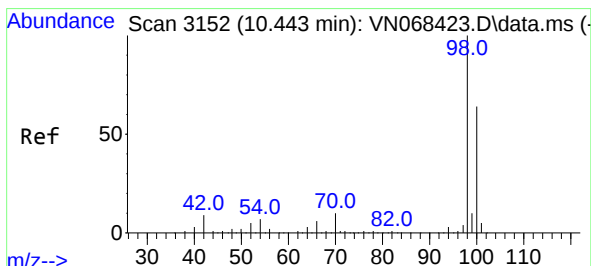
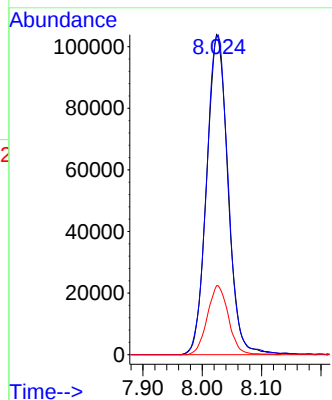
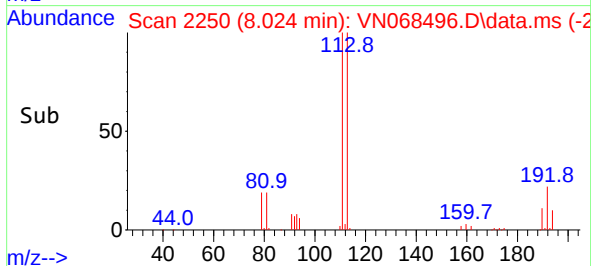




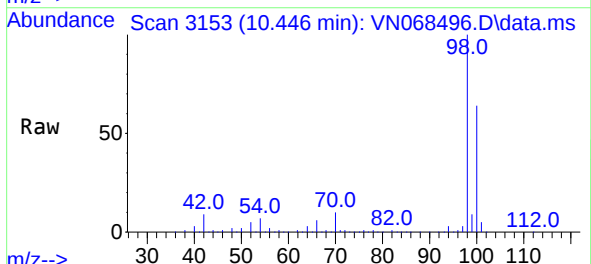
#35
 Dibromofluoromethane
 Concen: 51.050 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: VN068496.D
 Acq: 15 Sep 2021 20:22



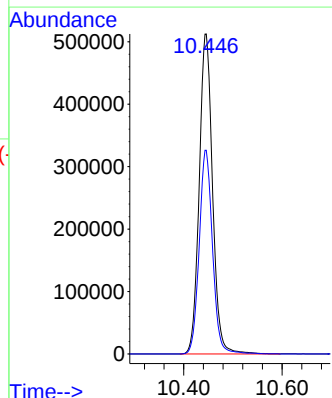
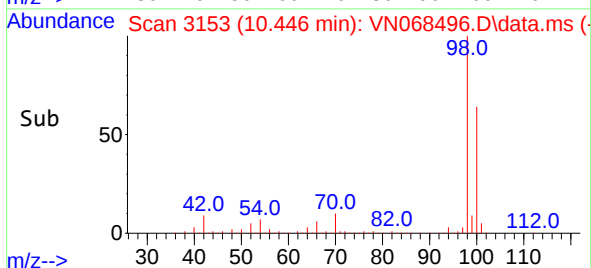
Tgt Ion: 113 Resp: 259086
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.1 121.7
 192 21.5 17.7 26.5



#50
 Toluene-d8
 Concen: 52.283 ug/l
 RT: 10.446 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VN068496.D
 Acq: 15 Sep 2021 20:22



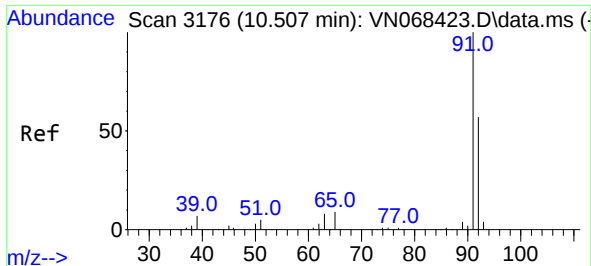
Tgt Ion: 98 Resp: 963853
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.0 76.6



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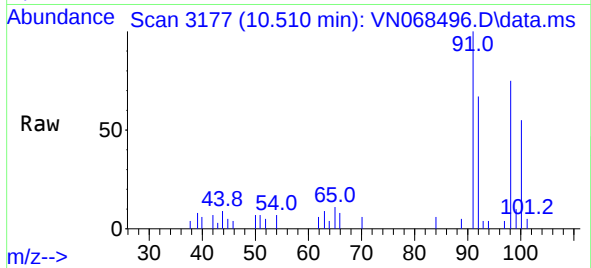
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#52
Toluene
Concen: 0.463 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22

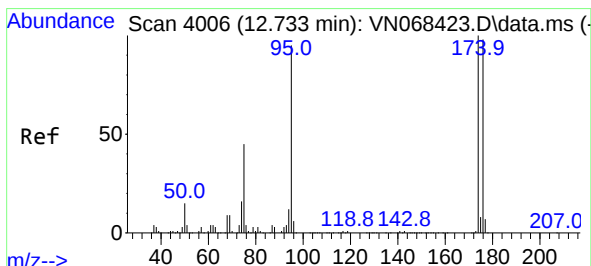
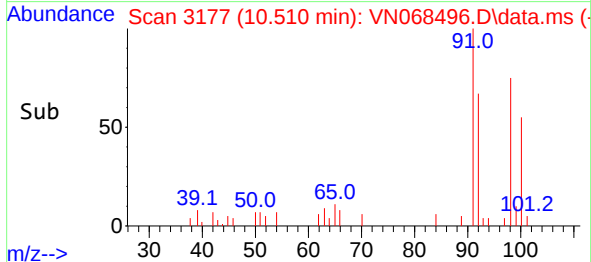
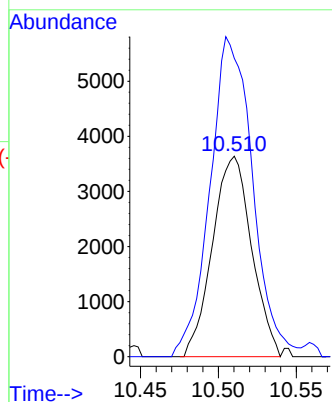
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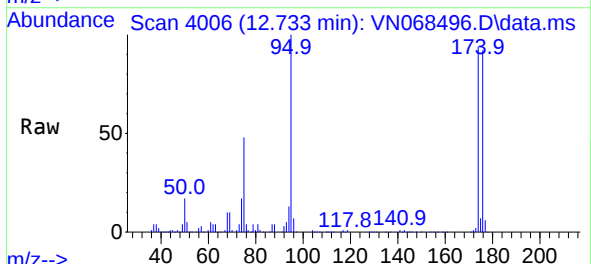
Tgt Ion: 92 Resp: 6374
Ion Ratio Lower Upper
92 100
91 173.4 139.4 209.0

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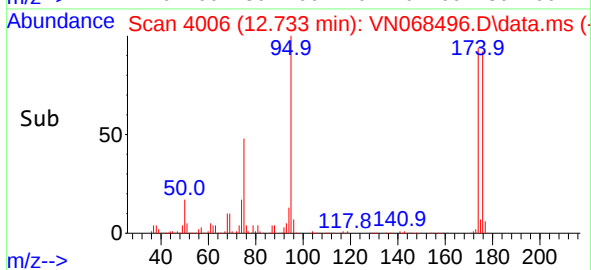
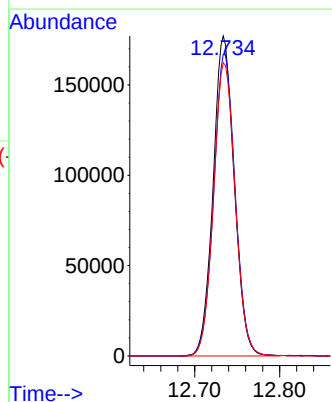
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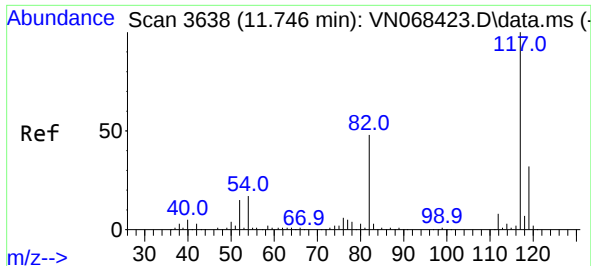


#62
4-Bromofluorobenzene
Concen: 51.757 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22



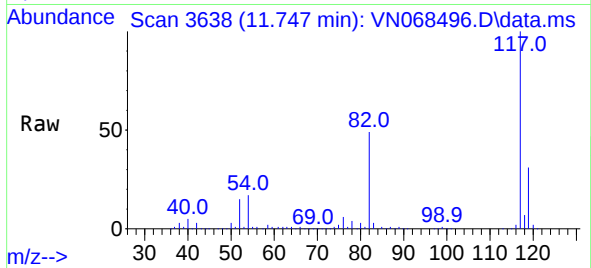
Tgt Ion: 95 Resp: 305316
Ion Ratio Lower Upper
95 100
174 96.1 0.0 214.0
176 93.8 0.0 205.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22

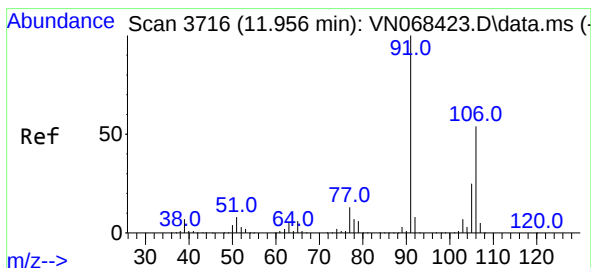
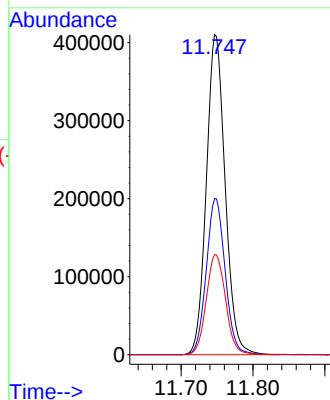
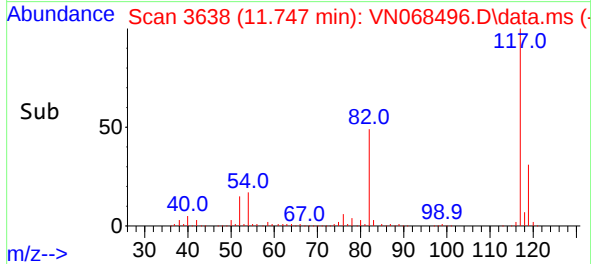
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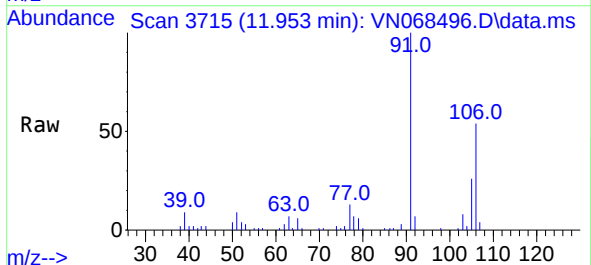
Tgt Ion:117 Resp: 746580
Ion Ratio Lower Upper
117 100
82 48.8 38.7 58.1
119 31.3 25.5 38.3

Manual Integrations
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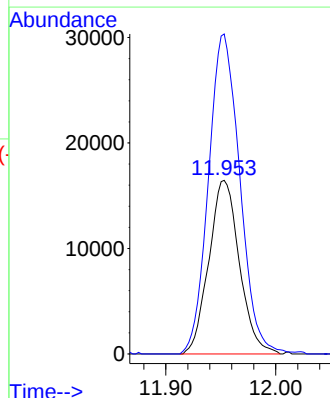
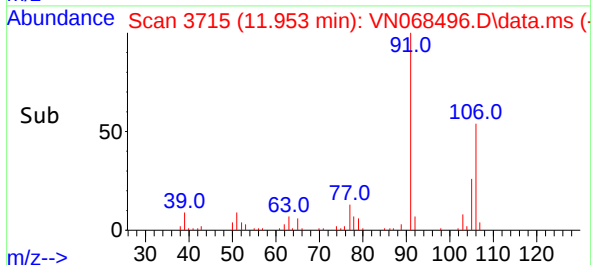
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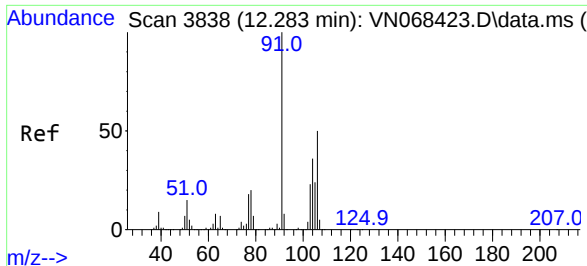


#68
m/p-Xylenes
Concen: 3.148 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22



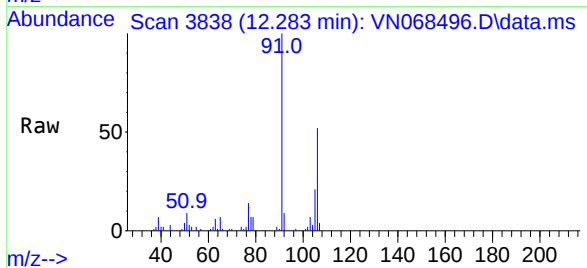
Tgt Ion:106 Resp: 31824
Ion Ratio Lower Upper
106 100
91 188.9 149.5 224.3





#69
o-Xylene
Concen: 2.486 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22

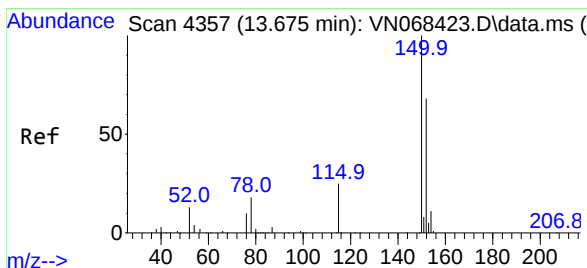
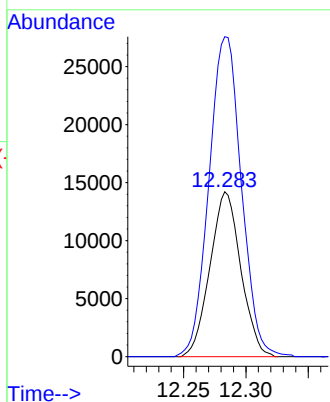
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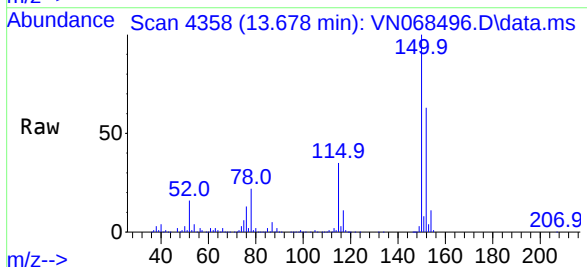
Tgt Ion:106 Resp: 24485
Ion Ratio Lower Upper
106 100
91 203.9 99.3 297.8

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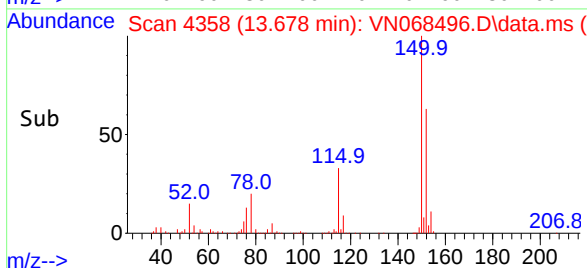
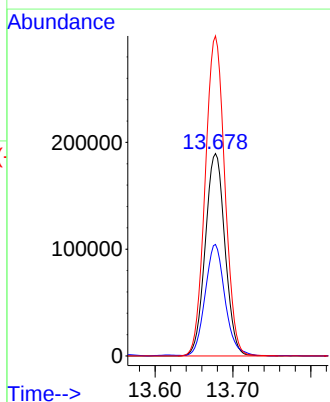
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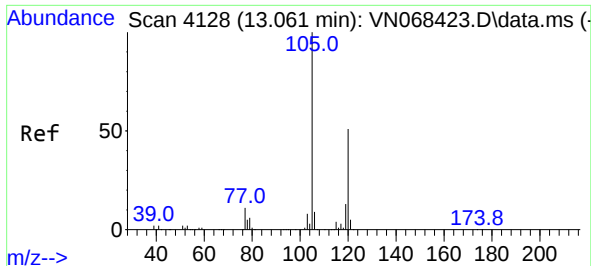


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22



Tgt Ion:152 Resp: 334393
Ion Ratio Lower Upper
152 100
115 55.4 25.6 76.6
150 157.1 0.0 346.8





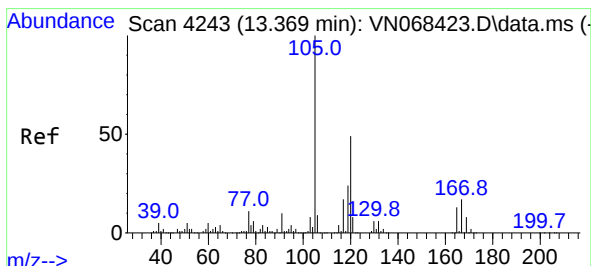
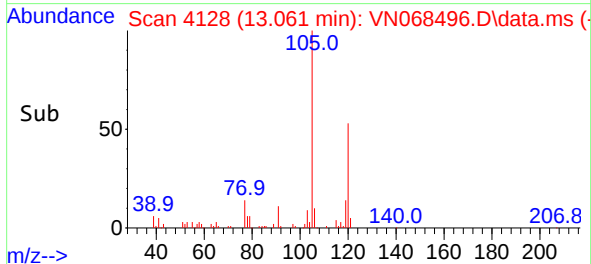
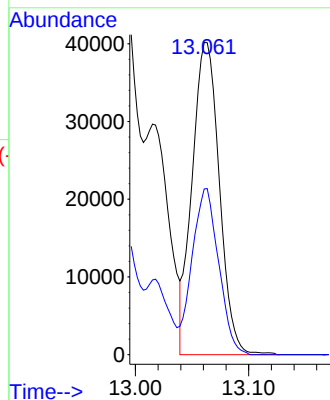
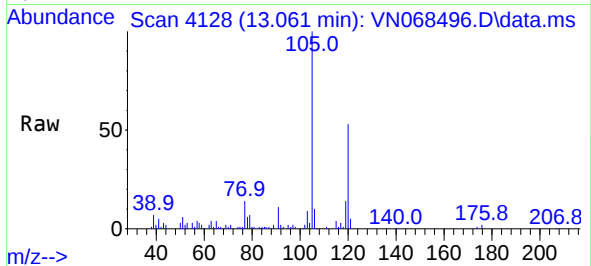
#80
1,3,5-Trimethylbenzene
Concen: 3.465 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22

Tgt Ion:105 Resp: 66963
Ion Ratio Lower Upper
105 100
120 52.6 25.7 77.1

Instrument :
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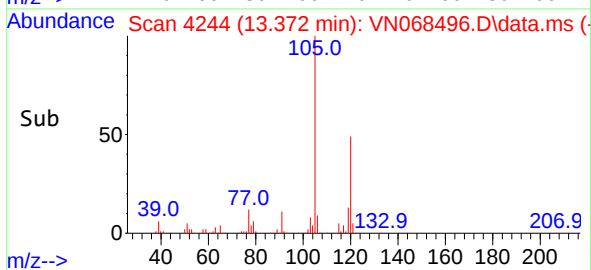
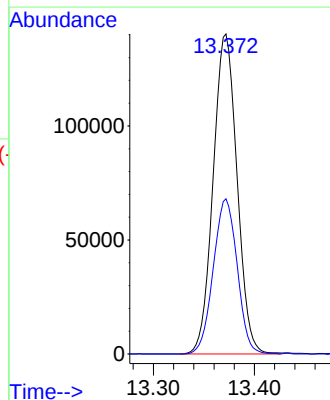
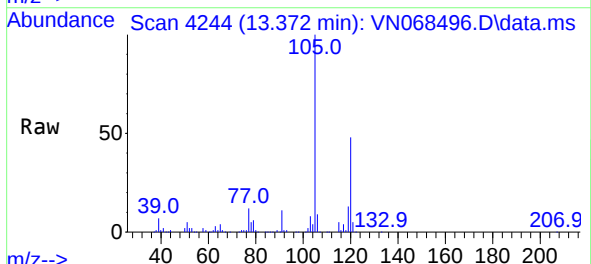
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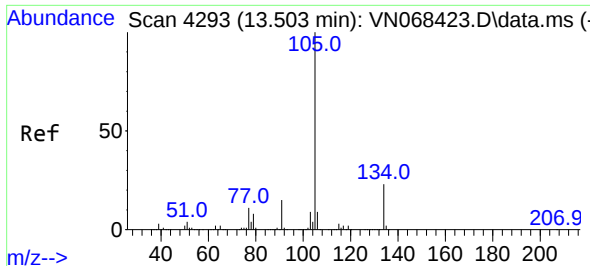
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#84
1,2,4-Trimethylbenzene
Concen: 12.436 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22

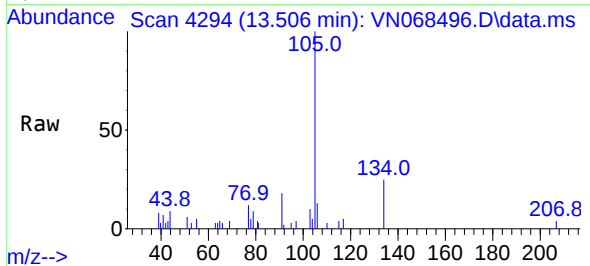
Tgt Ion:105 Resp: 230474
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#85
sec-Butylbenzene
Concen: 0.474 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22

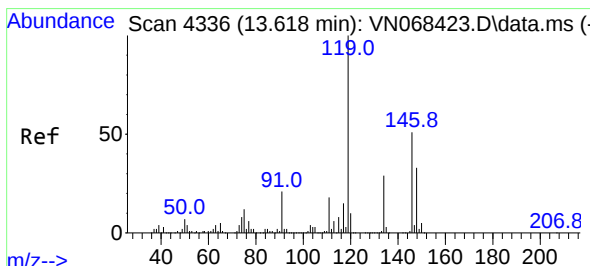
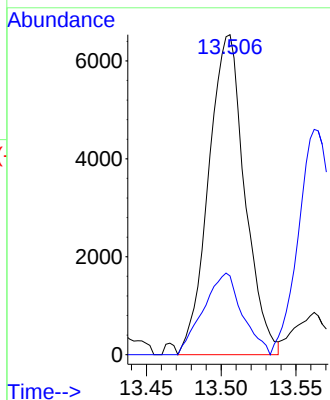
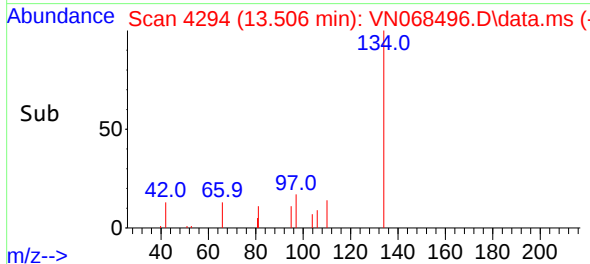
Instrument :
MSVOA_N
ClientSampled :
41094



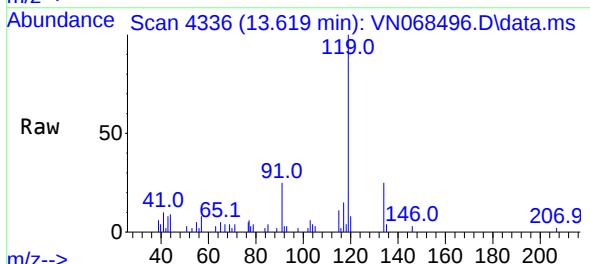
Tgt Ion:105 Resp: 11029
Ion Ratio Lower Upper
105 100
134 27.3 11.4 34.1

Manual Integrations
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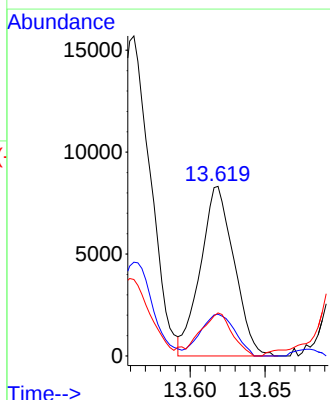
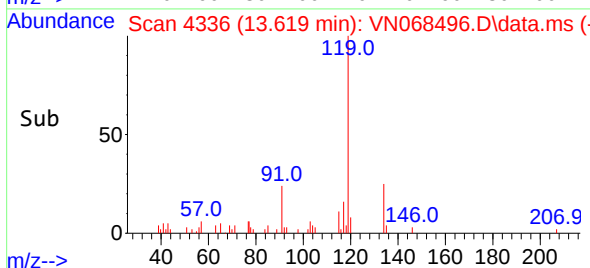
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9/16/2021 7:24:25 PM

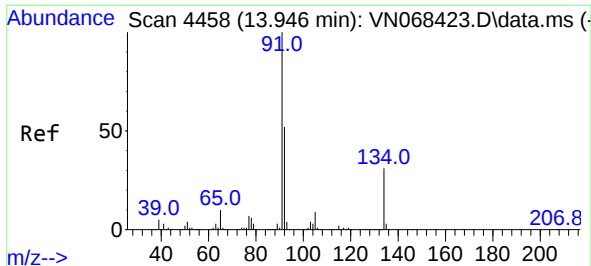


#86
p-Isopropyltoluene
Concen: 0.663 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22



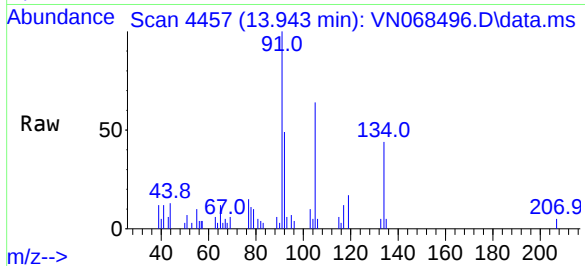
Tgt Ion:119 Resp: 13017
Ion Ratio Lower Upper
119 100
134 25.3 14.1 42.4
91 24.7 10.6 31.8





#89
n-Butylbenzene
Concen: 0.589 ug/l m
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22

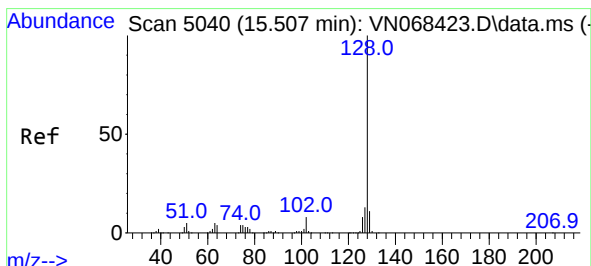
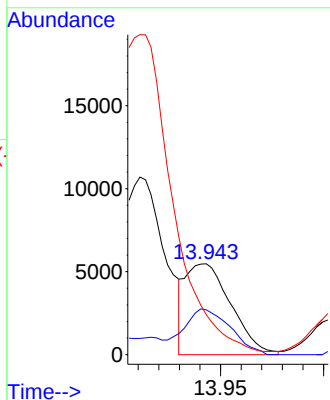
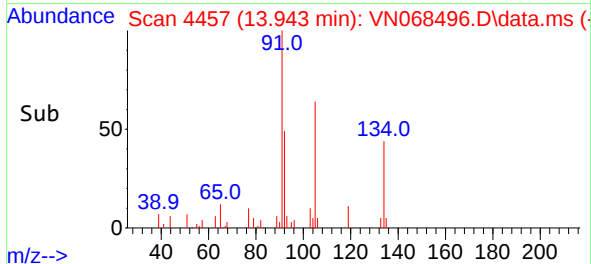
Instrument :
MSVOA_N
ClientSampled :
41094



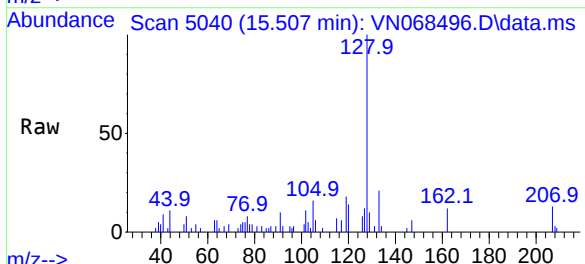
Tgt Ion: 91 Resp: 8420
Ion Ratio Lower Upper
91 100
92 0.0 26.0 78.0#
134 443.4 15.4 46.2#

Manual Integrations
APPROVED

MMDadoda
9/16/2021 7:24:25 PM



#95
Naphthalene
Concen: 4.449 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068496.D
Acq: 15 Sep 2021 20:22



Tgt Ion: 128 Resp: 13557
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 0.0 8.6 13.0#

