

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068016.D
 Acq On : 5 Aug 2021 15:18
 Operator : JC/MD
 Sample : M3261-03DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41936DL

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:43:00 PM

Quant Time: Aug 05 15:57:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	290965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	557398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	545816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	203273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	223962	54.371	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.740%			
35) Dibromofluoromethane	8.024	113	169839	52.283	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.560%			
50) Toluene-d8	10.443	98	706523	47.349	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.700%			
62) 4-Bromofluorobenzene	12.734	95	236914	43.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.700%			
Target Compounds						
16) Acetone	4.291	43	7524	5.006	ug/l	# 84
25) 2-Butanone	7.340	43	3076m	1.411	ug/l	
52) Toluene	10.507	92	360248	36.322	ug/l	98
68) m/p-Xylenes	11.956	106	2387	4.327	ug/l	88
79) 2-Chlorotoluene	13.010	91	83123	7.288	ug/l	91
82) 4-Chlorotoluene	13.109	91	84016	7.336	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	7200	0.553	ug/l	98
86) p-Isopropyltoluene	13.619	119	9918	0.797	ug/l	92

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

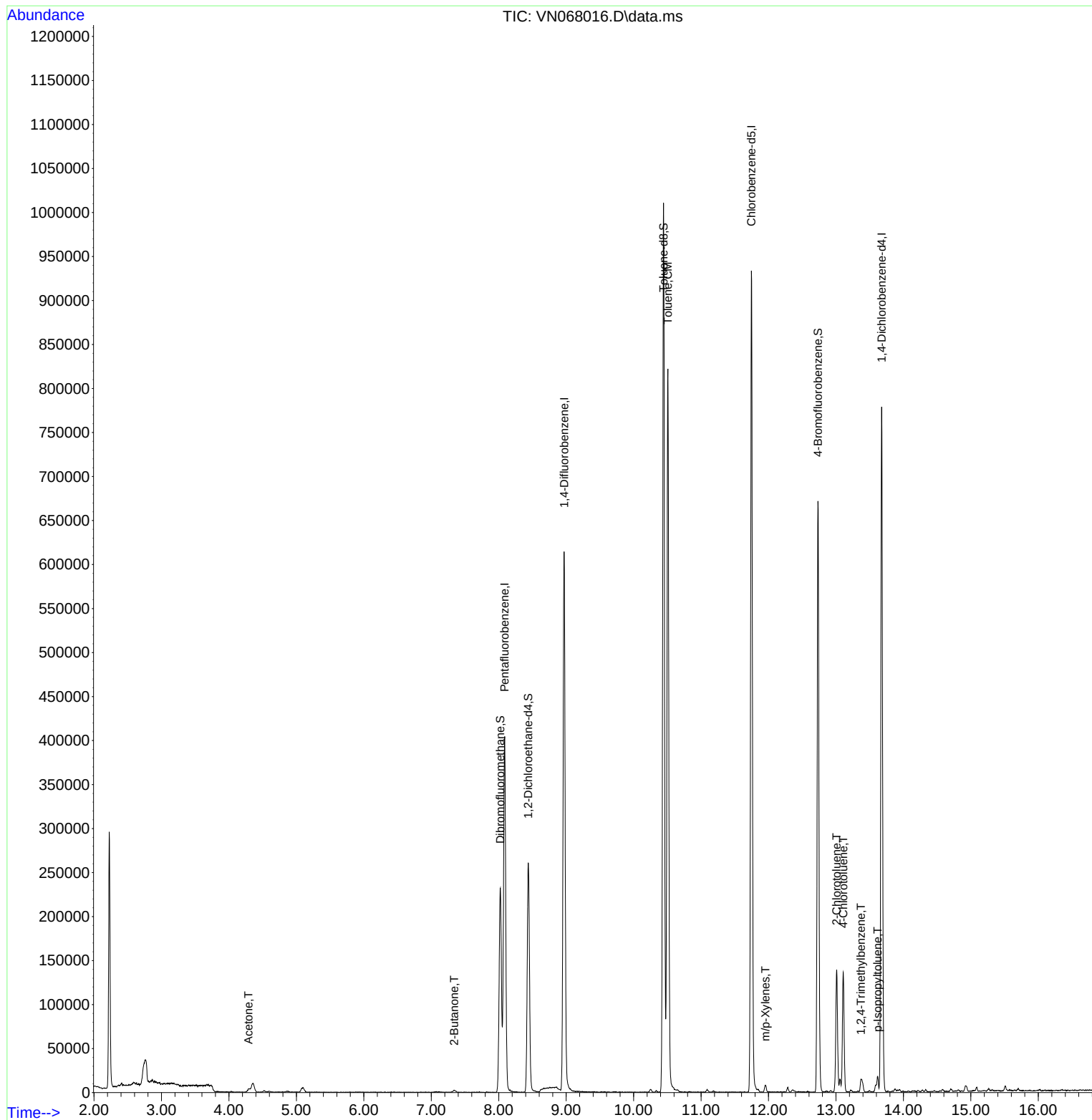
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Data File : VN068016.D
Acq On : 5 Aug 2021 15:18
Operator : JC/MD
Sample : M3261-03DL 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

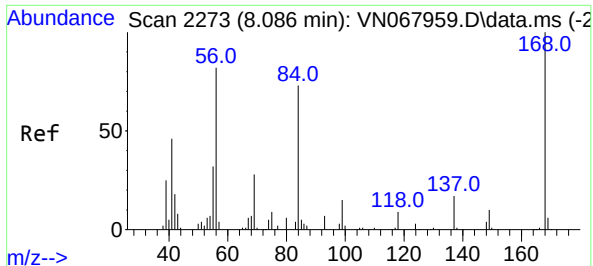
Instrument :
MSVOA_N
ClientSampleId :
41936DL

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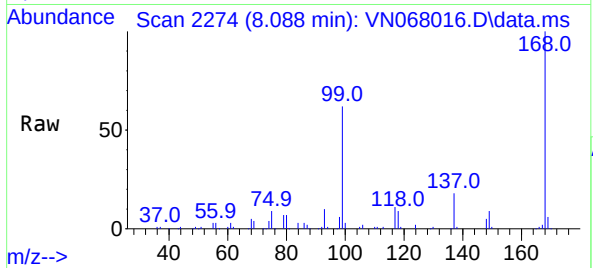
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Quant Time: Aug 05 15:57:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

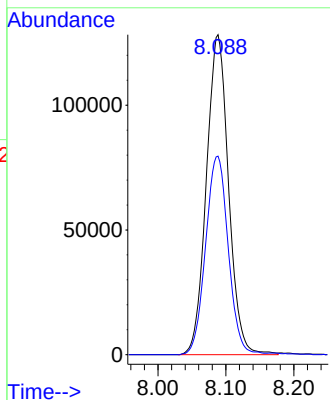
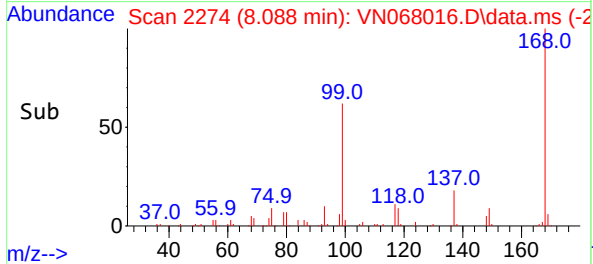




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18



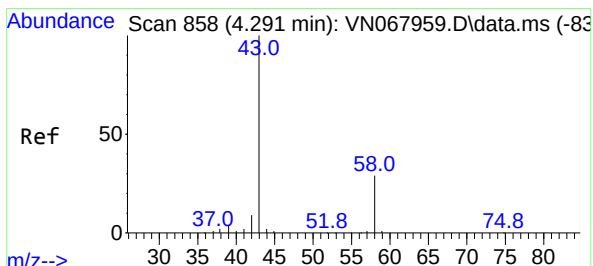
Tgt Ion: 168 Resp: 290965
Ion Ratio Lower Upper
168 100
99 62.1 62.9 94.3#



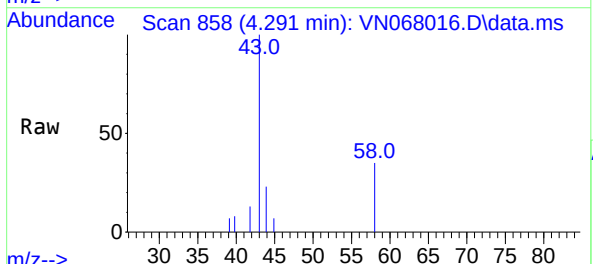
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MSVOA_N
ClientSampleID :
41936DL

Manual Integrations
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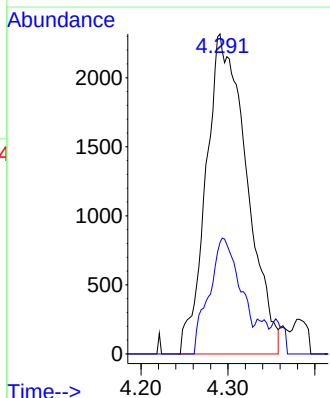
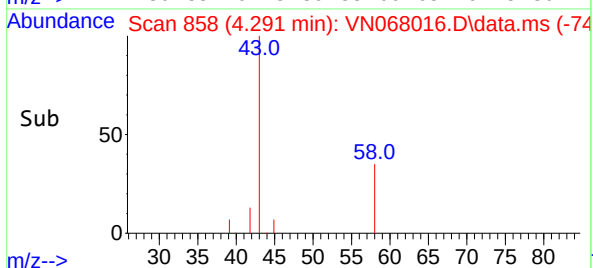
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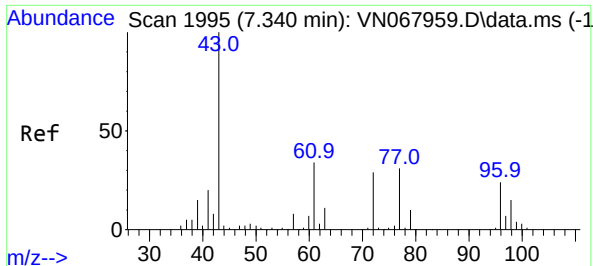


#16
Acetone
Concen: 5.006 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18



Tgt Ion: 43 Resp: 7524
Ion Ratio Lower Upper
43 100
58 34.8 21.2 31.8#





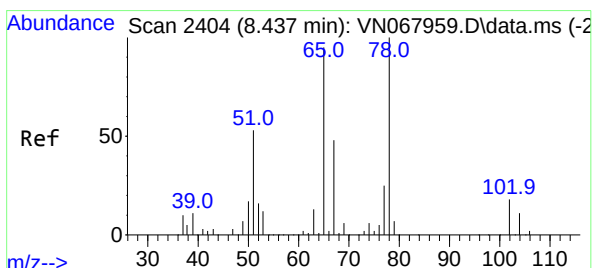
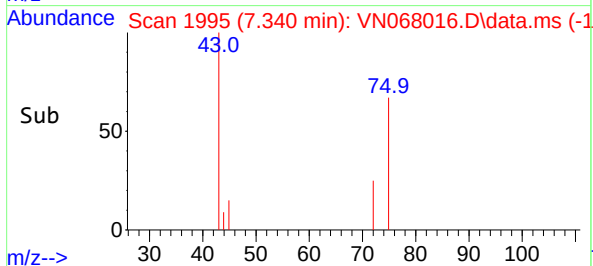
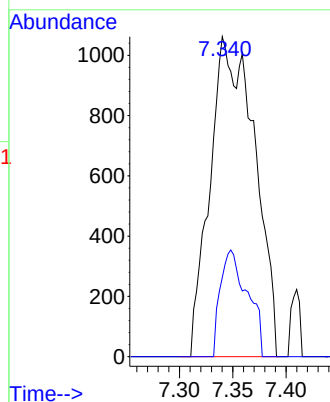
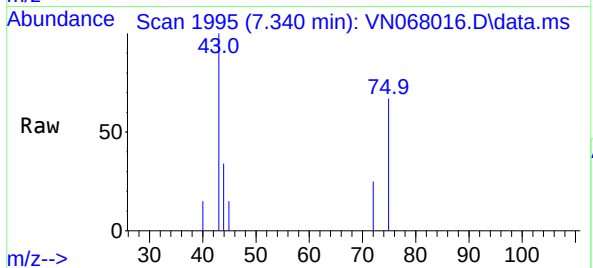
#25
2-Butanone
Concen: 1.411 ug/l m
RT: 7.340 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

Tgt Ion: 43 Resp: 3076
Ion Ratio Lower Upper
43 100
72 24.8 19.7 29.5

Instrument :
MSVOA_N
ClientSampled :
41936DL

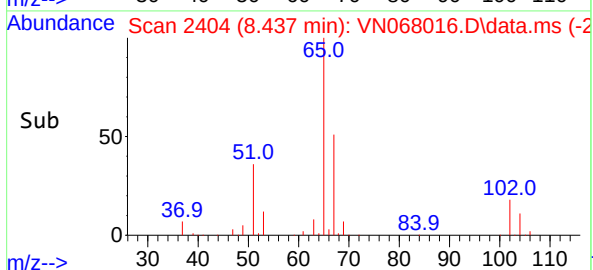
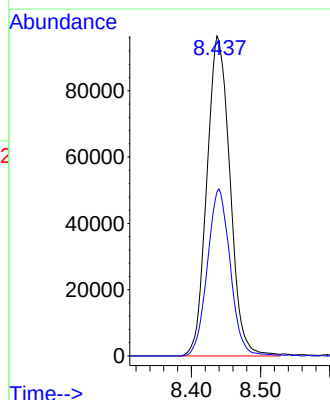
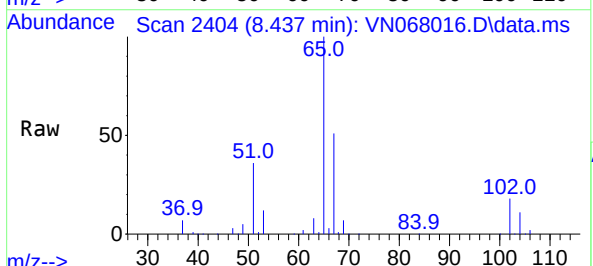
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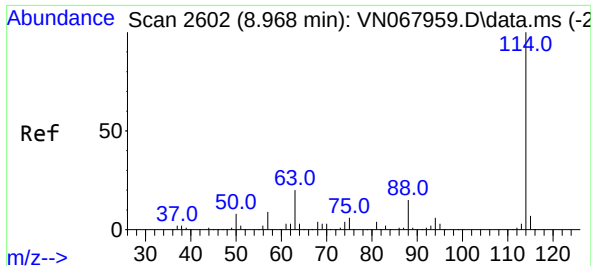
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#33
1,2-Dichloroethane-d4
Concen: 54.371 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

Tgt Ion: 65 Resp: 223962
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.6





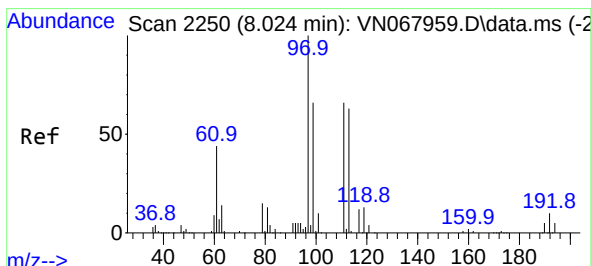
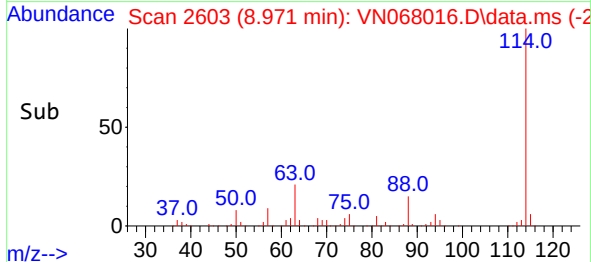
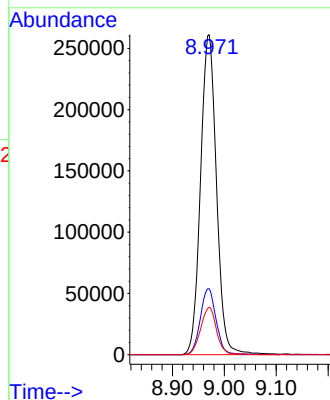
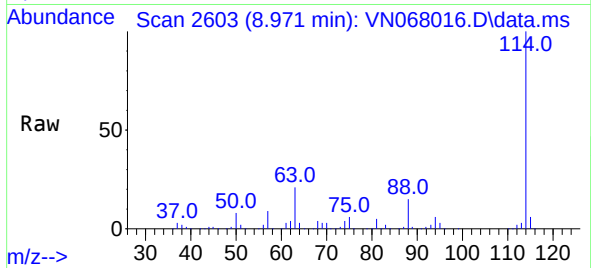
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

Tgt Ion:114 Resp: 557398
Ion Ratio Lower Upper
114 100
63 20.6 0.0 49.0
88 14.8 0.0 36.6

Instrument :
MSVOA_N
ClientSampled :
41936DL

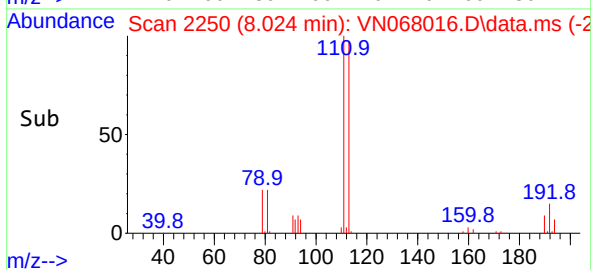
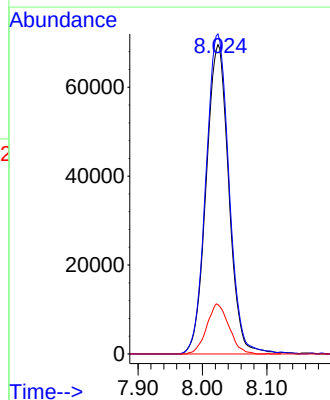
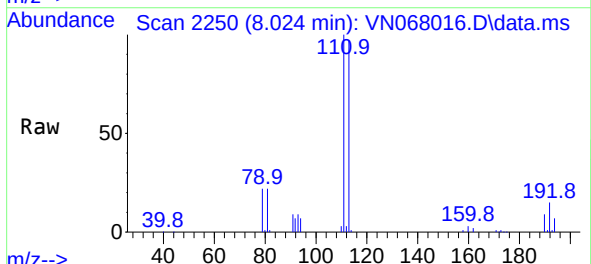
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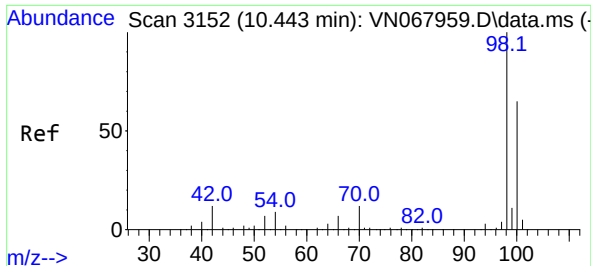
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#35
Dibromofluoromethane
Concen: 52.283 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

Tgt Ion:113 Resp: 169839
Ion Ratio Lower Upper
113 100
111 105.5 83.8 125.8
192 15.9 13.4 20.0





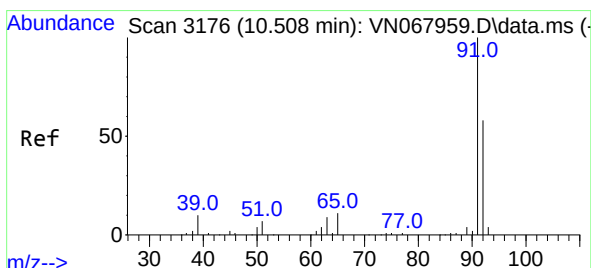
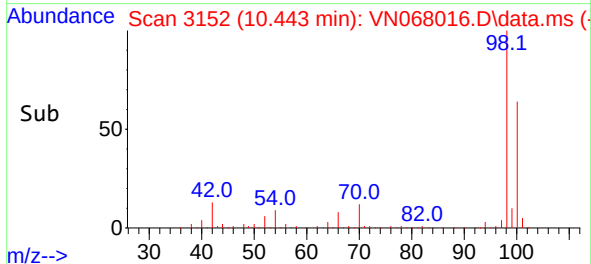
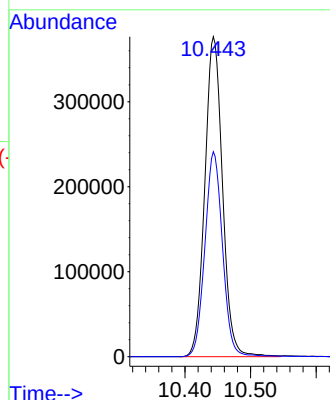
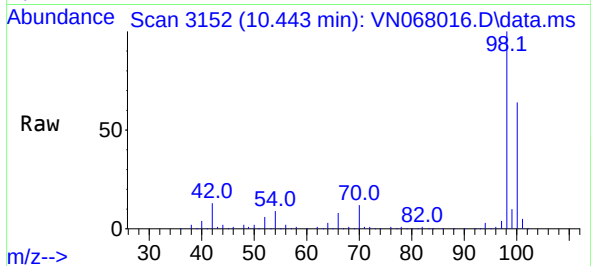
#50
Toluene-d8
Concen: 47.349 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

Tgt Ion: 98 Resp: 706523
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5

Instrument :
MSVOA_N
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41936DL

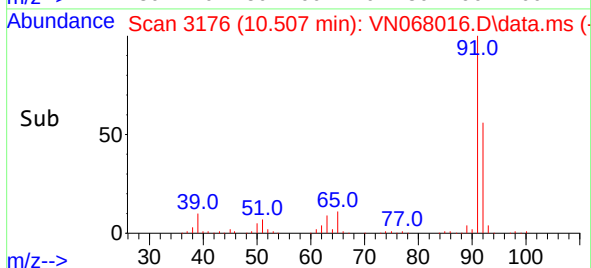
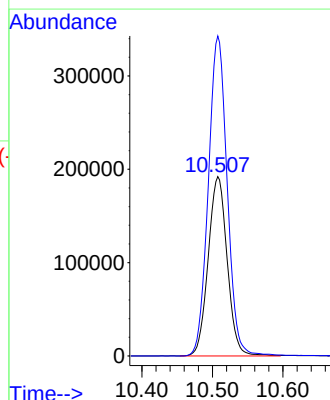
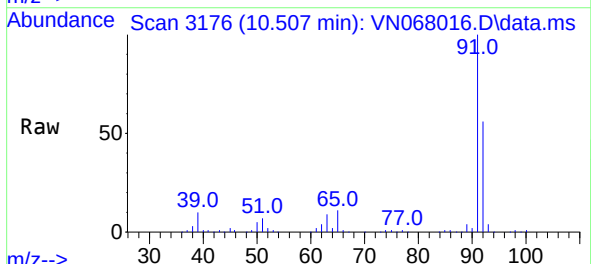
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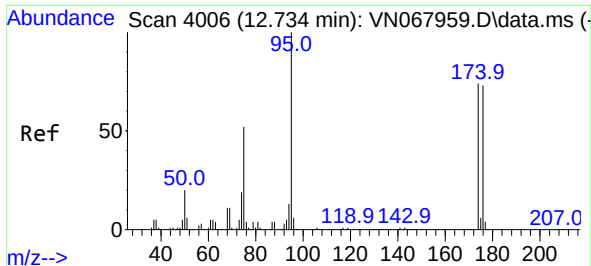
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#52
Toluene
Concen: 36.322 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

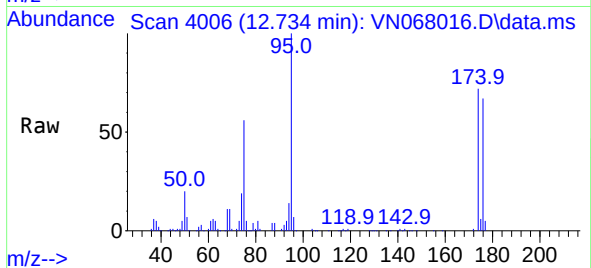
Tgt Ion: 92 Resp: 360248
Ion Ratio Lower Upper
92 100
91 177.2 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 43.854 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

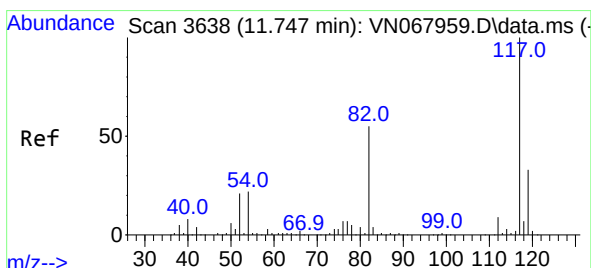
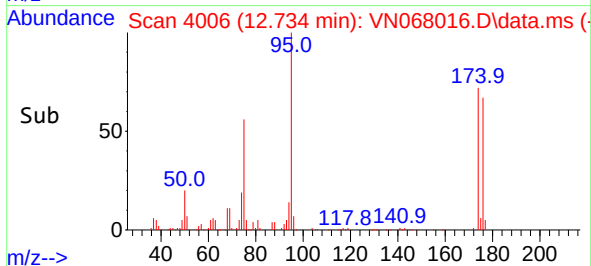
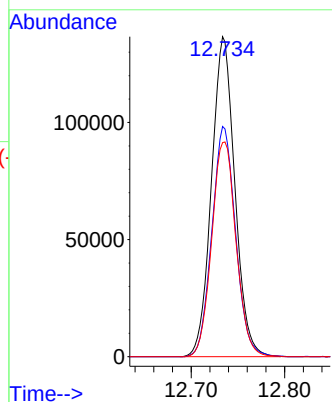
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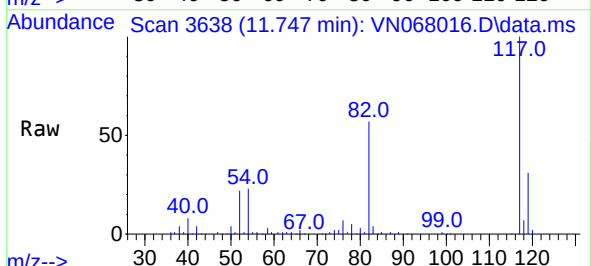
Tgt Ion: 95 Resp: 236914
Ion Ratio Lower Upper
95 100
174 73.0 0.0 122.0
176 70.1 0.0 117.6

Manual Integrations
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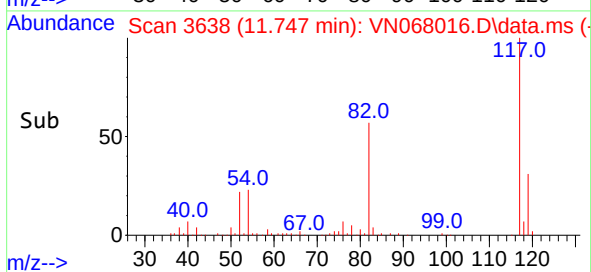
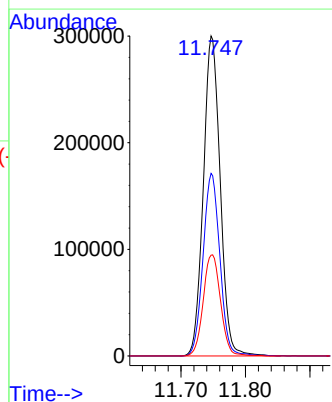
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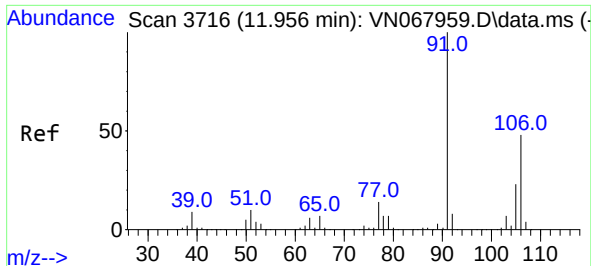


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18



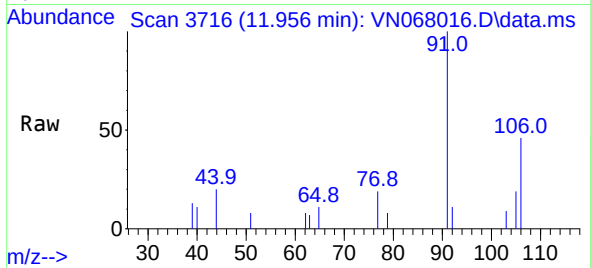
Tgt Ion: 117 Resp: 545816
Ion Ratio Lower Upper
117 100
82 57.1 53.1 79.7
119 31.5 25.5 38.3





#68
m/p-Xylenes
Concen: 4.327 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

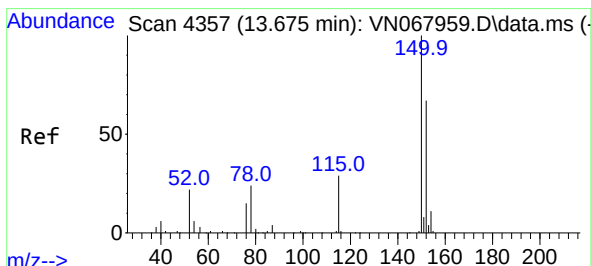
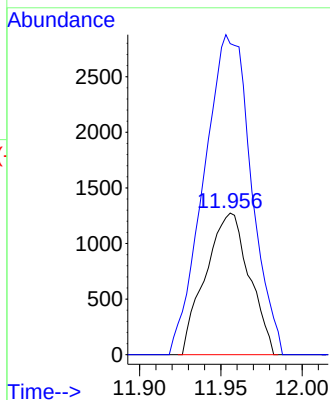
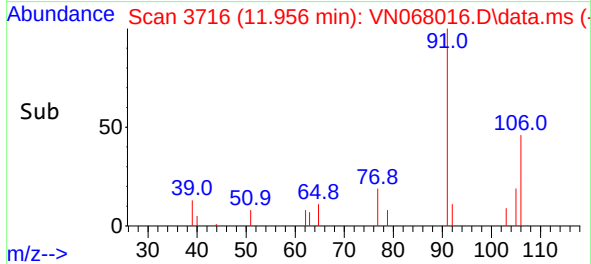
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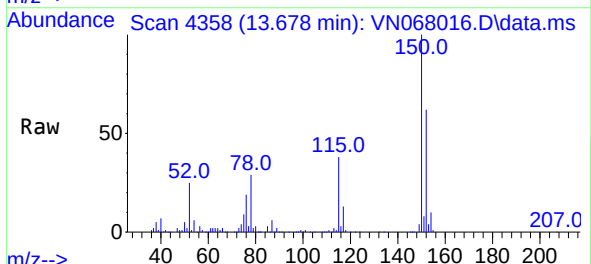
Tgt Ion:106 Resp: 2387
Ion Ratio Lower Upper
106 100
91 244.7 180.6 270.8

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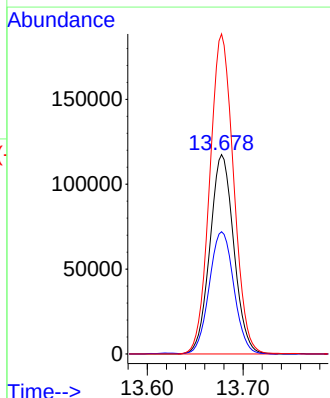
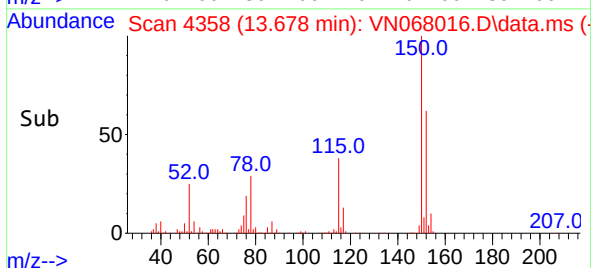
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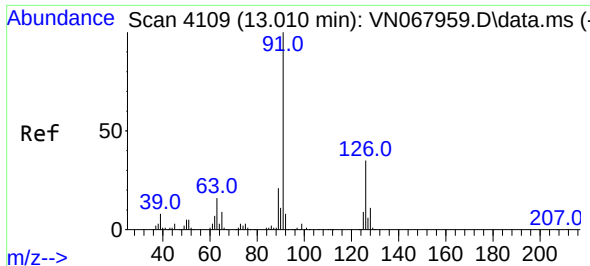


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18



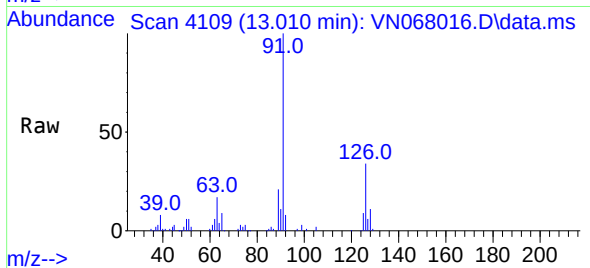
Tgt Ion:152 Resp: 203273
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 160.3 0.0 351.8





#79
2-Chlorotoluene
Concen: 7.288 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

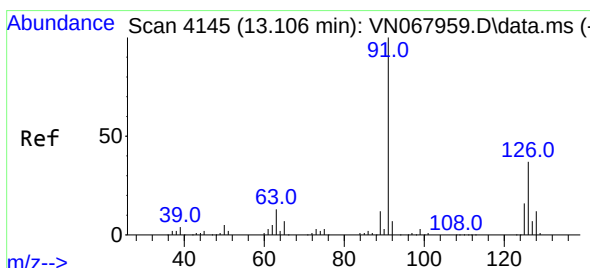
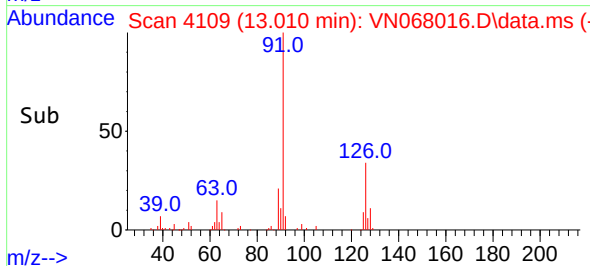
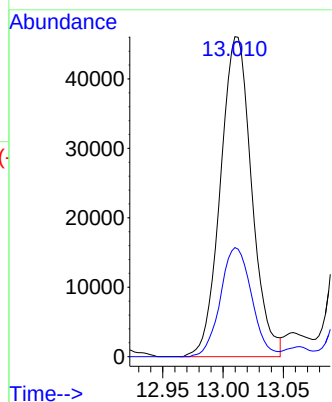
Instrument :
MSVOA_N
ClientSampled :
41936DL



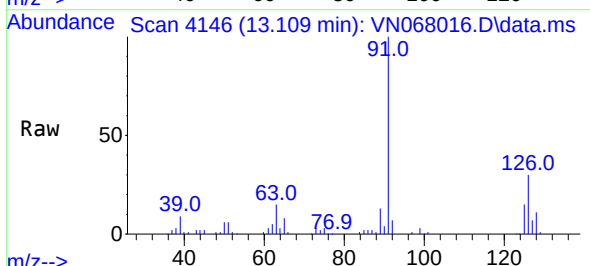
Tgt Ion: 91 Resp: 83123
Ion Ratio Lower Upper
91 100
126 34.0 14.5 43.5

Manual Integrations
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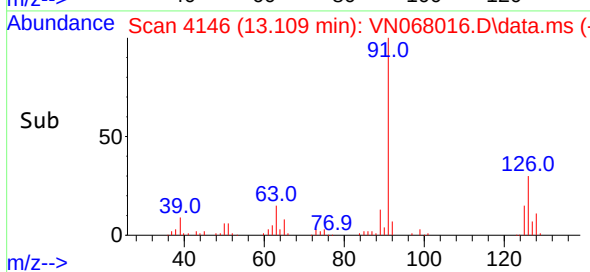
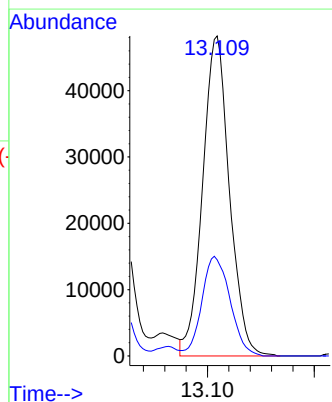
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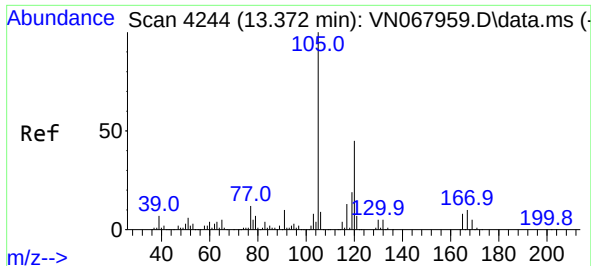


#82
4-Chlorotoluene
Concen: 7.336 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18



Tgt Ion: 91 Resp: 84016
Ion Ratio Lower Upper
91 100
126 32.7 14.8 44.4





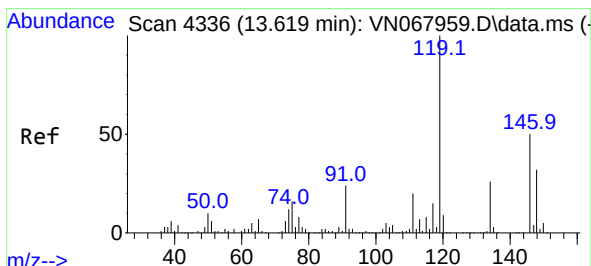
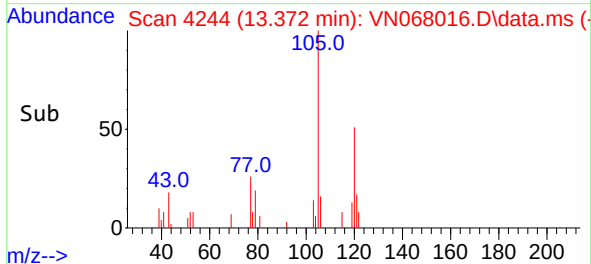
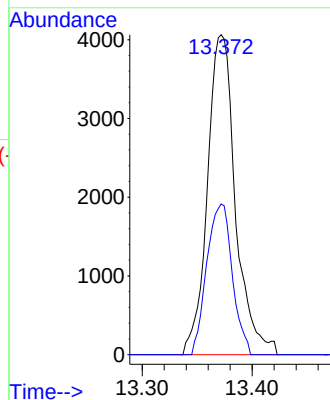
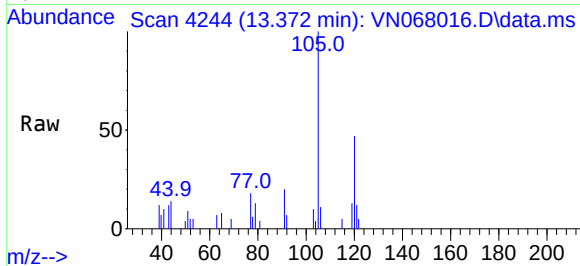
#84
1,2,4-Trimethylbenzene
Concen: 0.553 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

Tgt Ion:105 Resp: 7200
Ion Ratio Lower Upper
105 100
120 42.7 20.6 61.8

Instrument :
MSVOA_N
ClientSampled :
41936DL

Manual Integrations
APPROVED

MMDadoda
8/6/2021 5:43:00 PM



#86
p-Isopropyltoluene
Concen: 0.797 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068016.D
Acq: 5 Aug 2021 15:18

Tgt Ion:119 Resp: 9918
Ion Ratio Lower Upper
119 100
134 22.7 12.4 37.4
91 35.0 14.8 44.3

