

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068015.D
 Acq On : 5 Aug 2021 14:54
 Operator : JC/MD
 Sample : M3261-08DL 4X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41938DL

Manual Integrations
 APPROVED

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 8/6/2021 5:43:02 PM

Quant Time: Aug 05 15:57:02 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	288387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	541190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	543079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	217106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	221415	54.234	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.460%			
35) Dibromofluoromethane	8.024	113	168825	53.528	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.060%			
50) Toluene-d8	10.443	98	699695	48.219	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.733	95	237893	45.183	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.360%			
Target Compounds					Qvalue	
16) Acetone	4.296	43	67628	45.399	ug/l	94
25) 2-Butanone	7.340	43	12271m	5.678	ug/l	
52) Toluene	10.507	92	541347	56.216	ug/l	98
68) m/p-Xylenes	11.953	106	3747	4.480	ug/l	99
69) o-Xylene	12.285	106	3436	0.475	ug/l	94
79) 2-Chlorotoluene	13.010	91	84190	6.911	ug/l	95
82) 4-Chlorotoluene	13.109	91	96311	7.874	ug/l	96
84) 1,2,4-Trimethylbenzene	13.377	105	7605	0.547	ug/l	97
86) p-Isopropyltoluene	13.618	119	674668	50.783	ug/l	91
95) Naphthalene	15.509	128	11783	4.341	ug/l	95

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

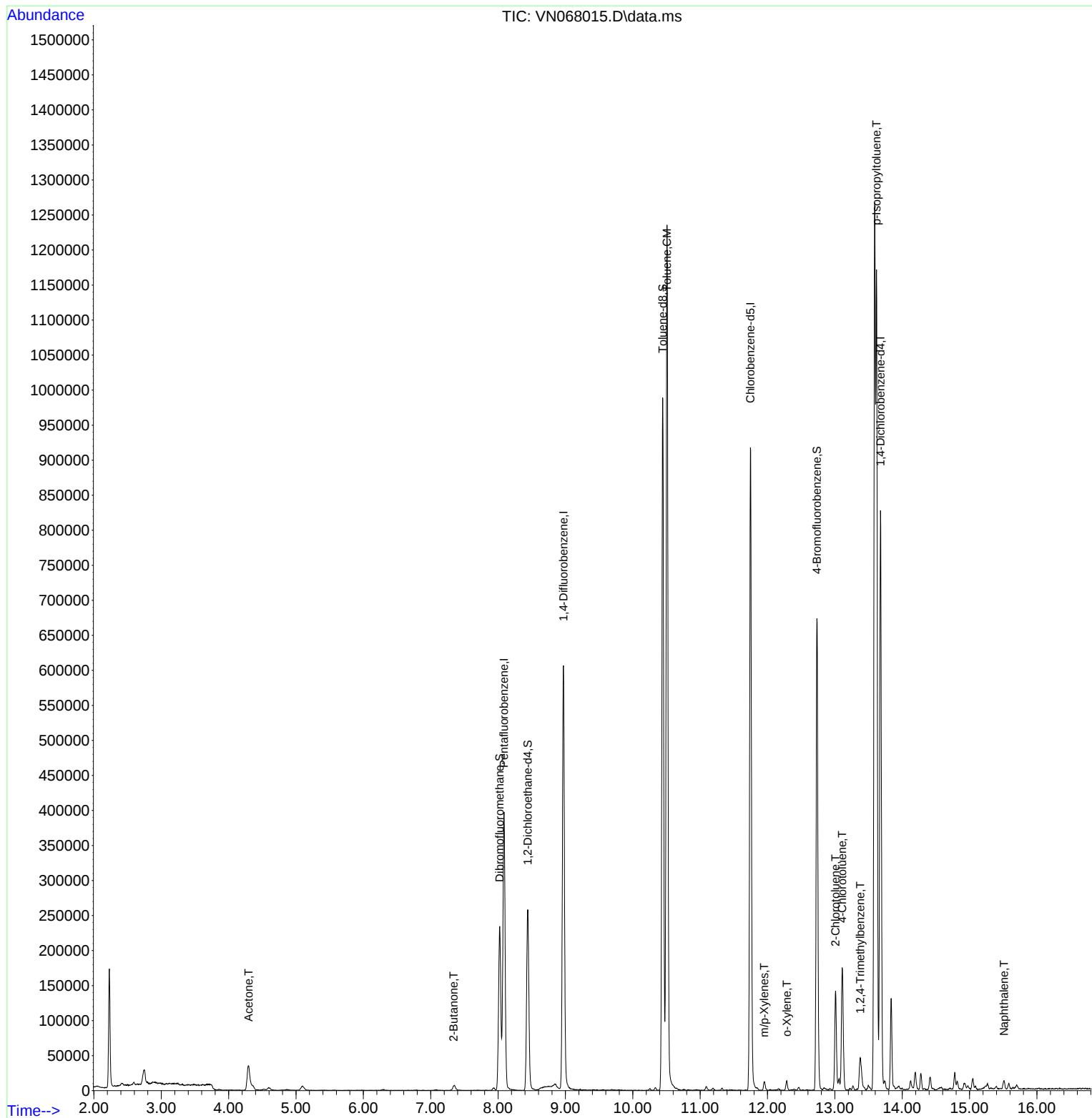
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Data File : VN068015.D
Acq On : 5 Aug 2021 14:54
Operator : JC/MD
Sample : M3261-08DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

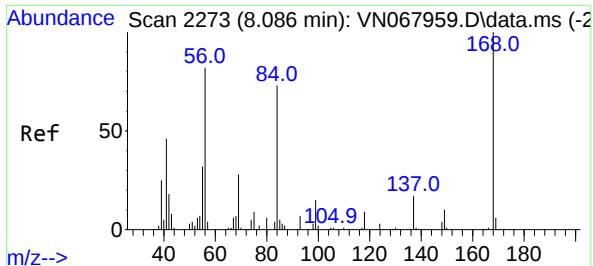
Instrument :
MSVOA_N
ClientSampleId :
41938DL

Manual Integrations
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Quant Time: Aug 05 15:57:02 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





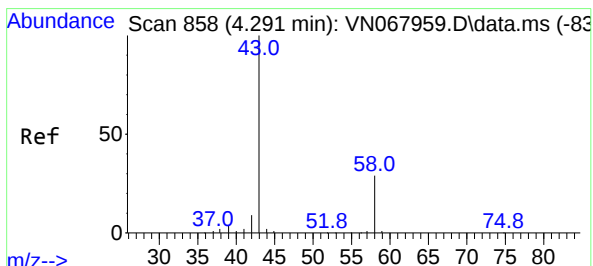
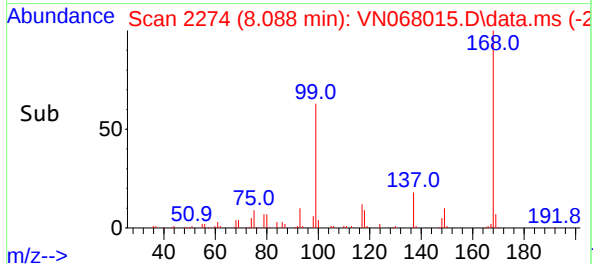
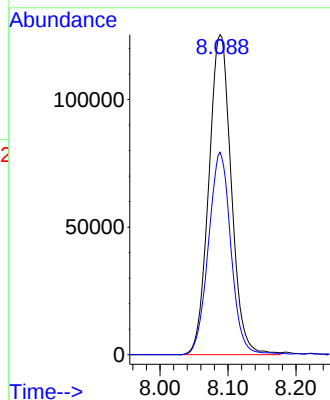
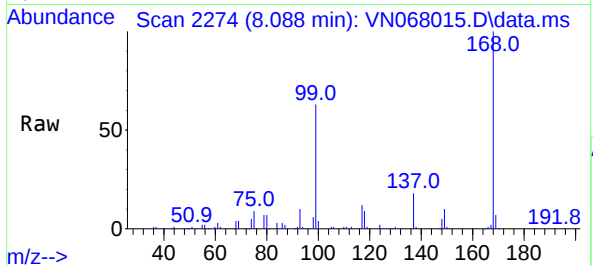
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion: 168 Resp: 288387
Ion Ratio Lower Upper
168 100
99 63.2 62.9 94.3

Instrument :
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41938DL

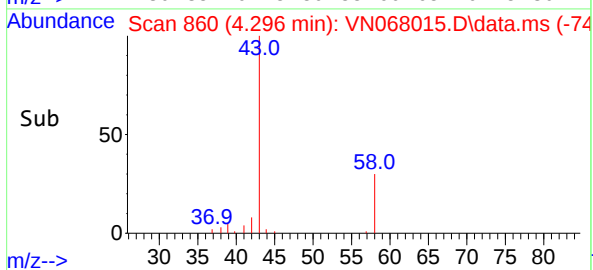
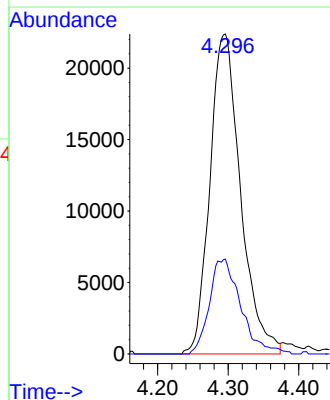
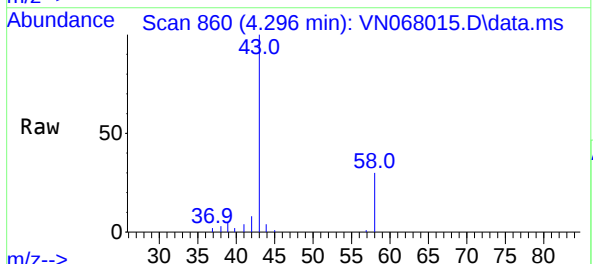
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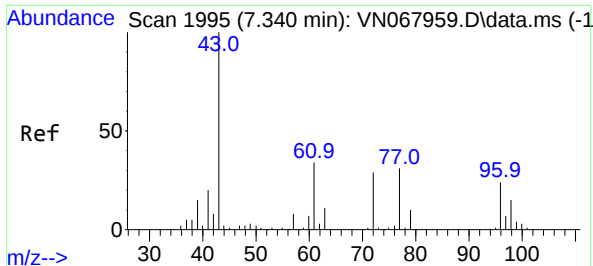
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#16
Acetone
Concen: 45.399 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion: 43 Resp: 67628
Ion Ratio Lower Upper
43 100
58 29.6 21.2 31.8





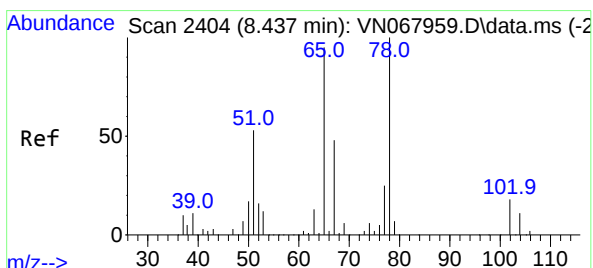
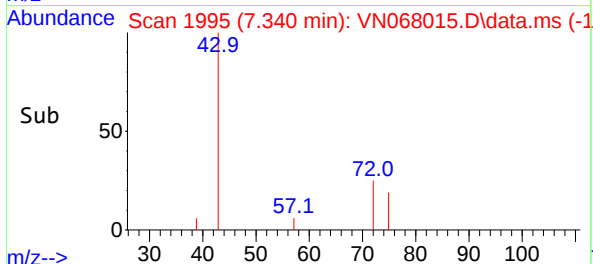
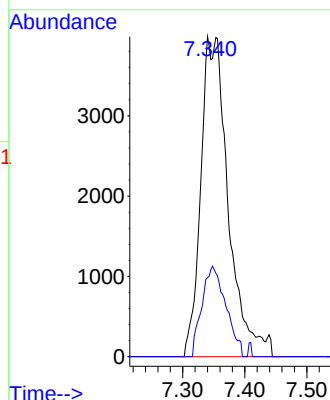
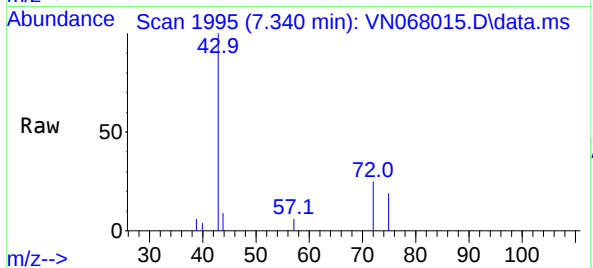
#25
2-Butanone
Concen: 5.678 ug/l m
RT: 7.340 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion: 43 Resp: 12271
Ion Ratio Lower Upper
43 100
72 24.7 19.7 29.5

Instrument :
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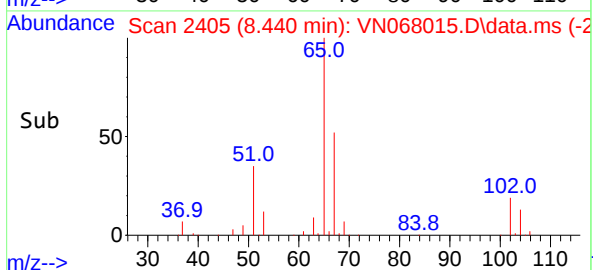
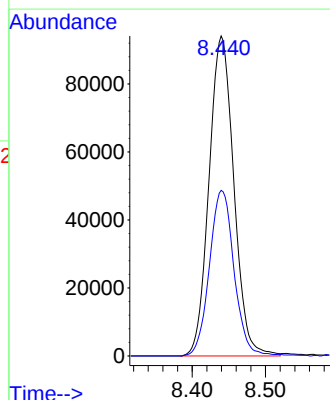
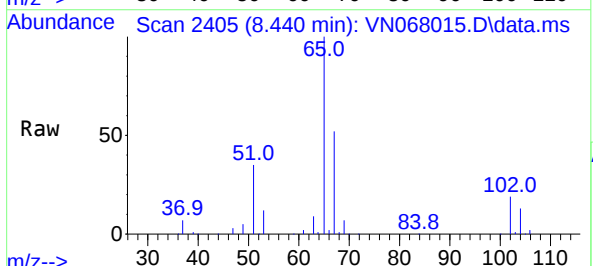
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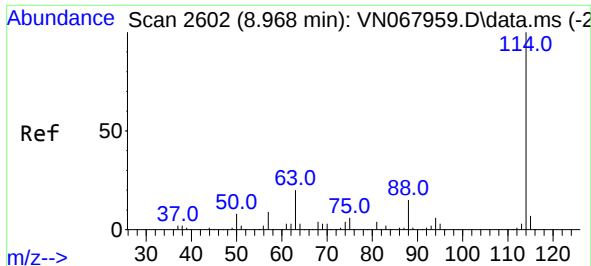
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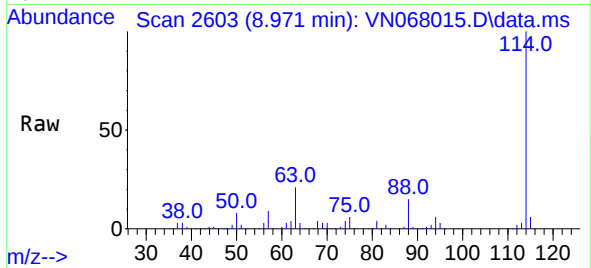
#33
1,2-Dichloroethane-d4
Concen: 54.234 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion: 65 Resp: 221415
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6

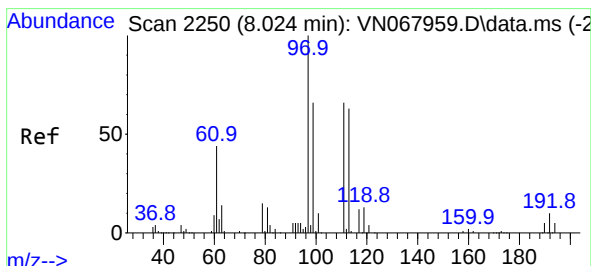
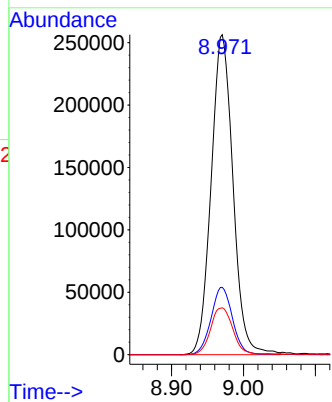
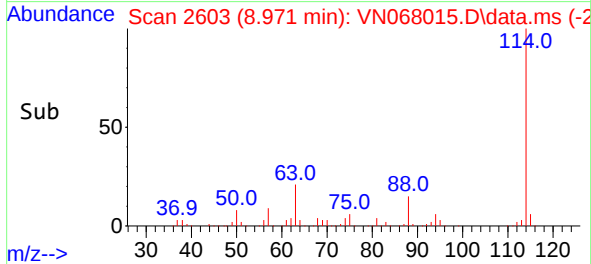




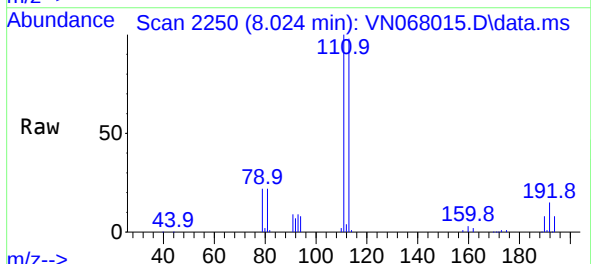
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54



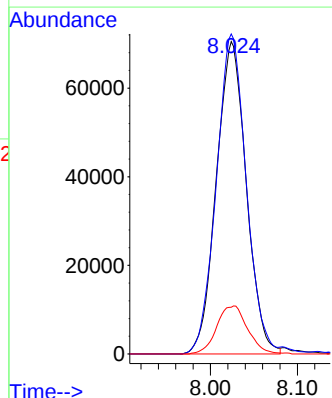
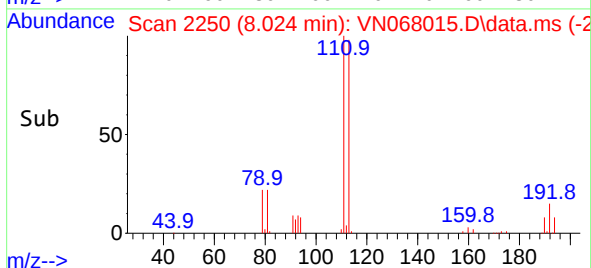
Tgt Ion:114 Resp: 541190
Ion Ratio Lower Upper
114 100
63 21.1 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.528 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54



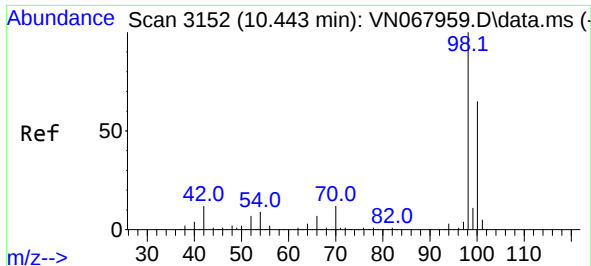
Tgt Ion:113 Resp: 168825
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 15.9 13.4 20.0



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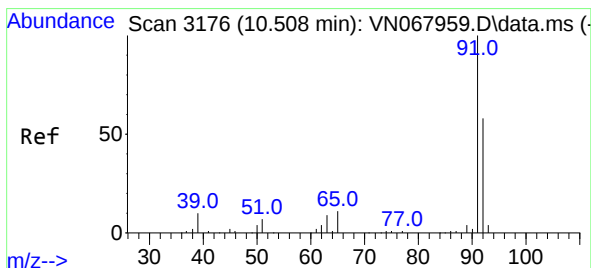
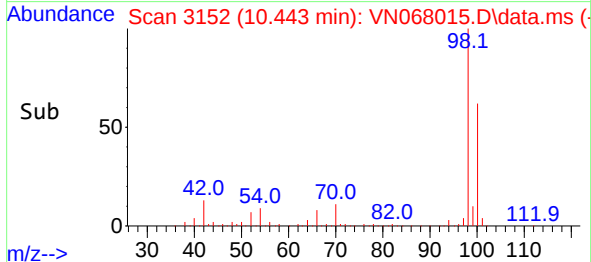
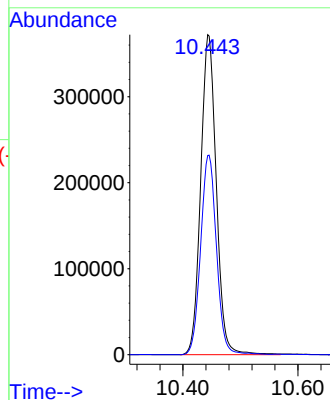
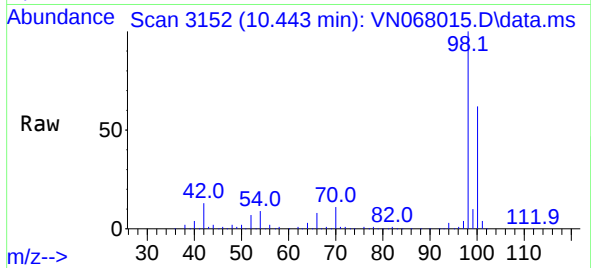
#50
Toluene-d8
Concen: 48.219 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion: 98 Resp: 699695
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

Instrument :
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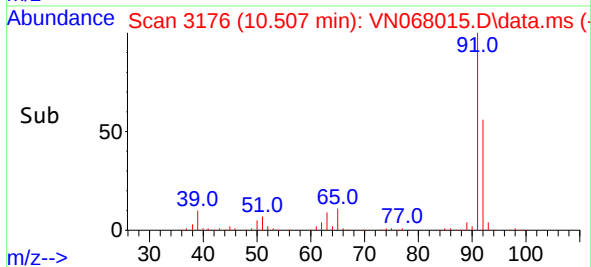
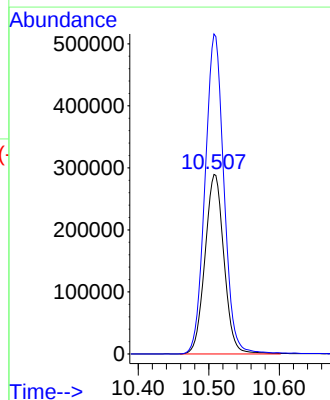
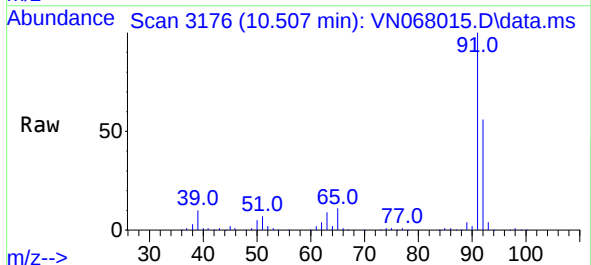
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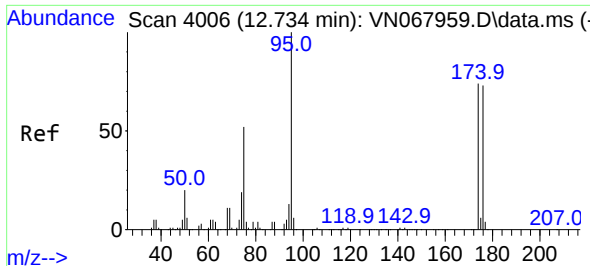
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8/6/2021 5:43:02 PM



#52
Toluene
Concen: 56.216 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

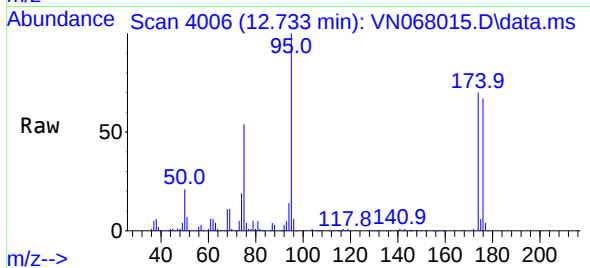
Tgt Ion: 92 Resp: 541347
Ion Ratio Lower Upper
92 100
91 177.1 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 45.183 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

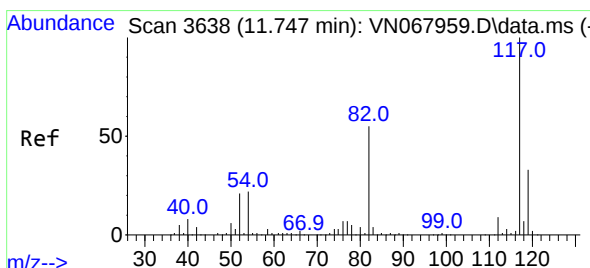
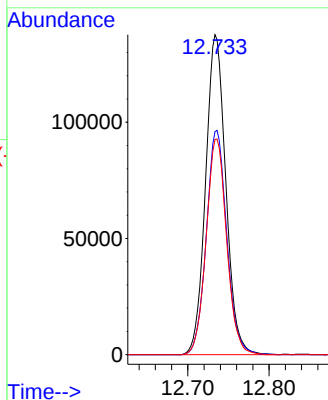
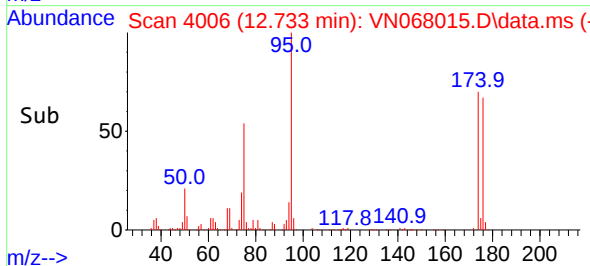
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MSVOA_N
ClientSampleId :
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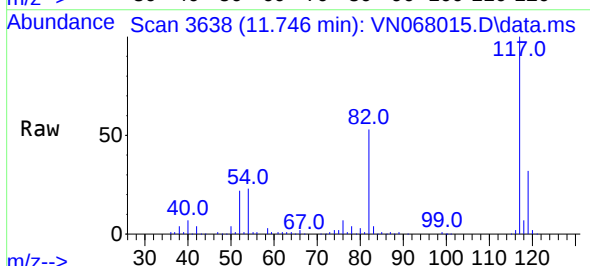
Tgt Ion: 95 Resp: 237893
Ion Ratio Lower Upper
95 100
174 71.0 0.0 122.0
176 68.4 0.0 117.6

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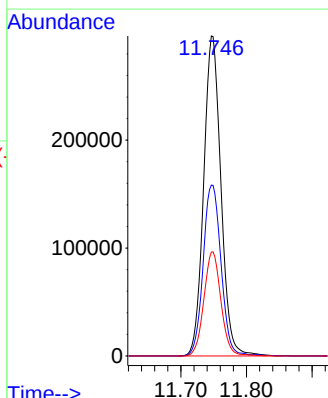
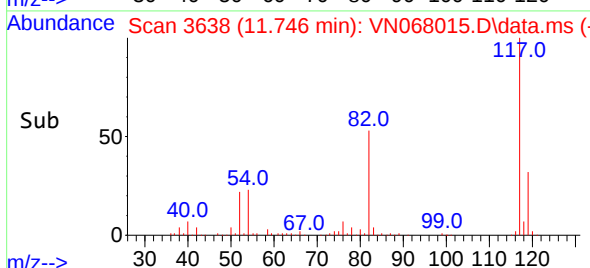
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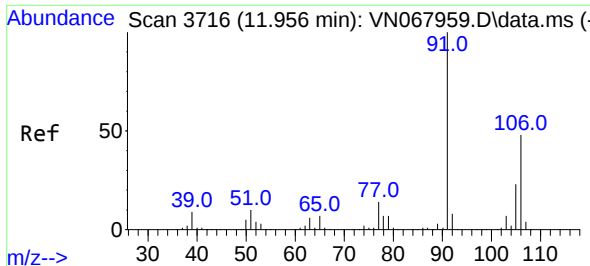


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54



Tgt Ion: 117 Resp: 543079
Ion Ratio Lower Upper
117 100
82 53.4 53.1 79.7
119 32.5 25.5 38.3





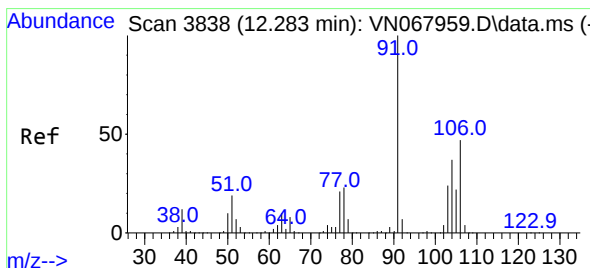
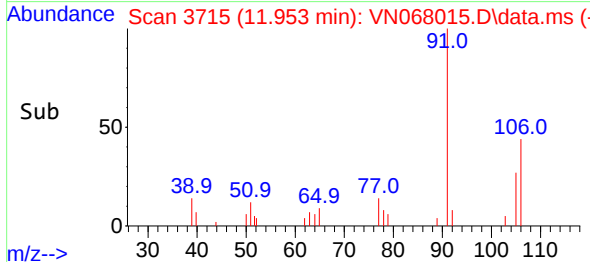
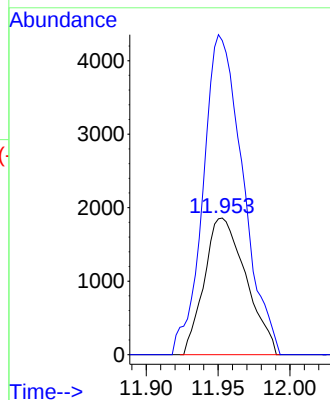
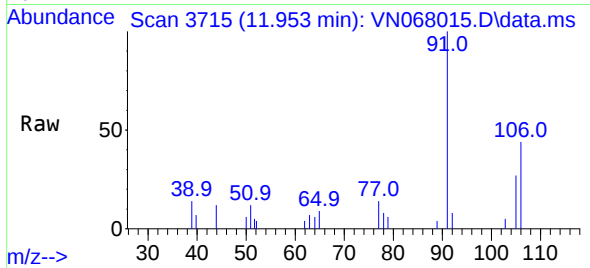
#68
m/p-Xylenes
Concen: 4.480 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion:106 Resp: 3747
Ion Ratio Lower Upper
106 100
91 223.5 180.6 270.8

Instrument :
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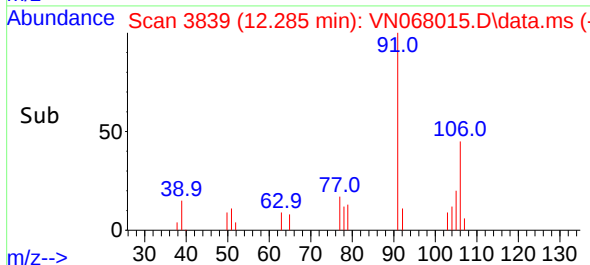
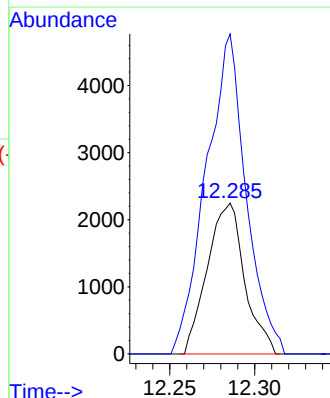
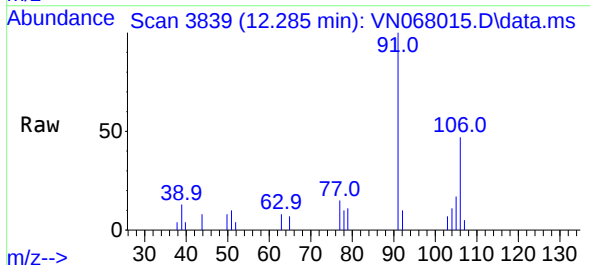
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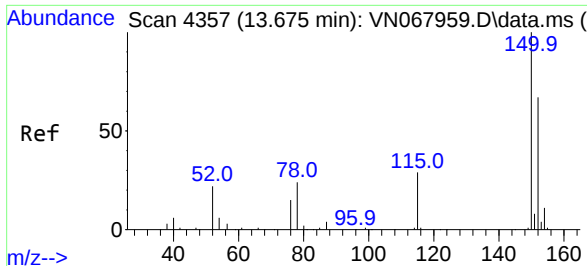
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8/6/2021 5:43:02 PM



#69
o-Xylene
Concen: 0.475 ug/l
RT: 12.285 min Scan# 3839
Delta R.T. 0.002 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion:106 Resp: 3436
Ion Ratio Lower Upper
106 100
91 226.9 118.3 354.9





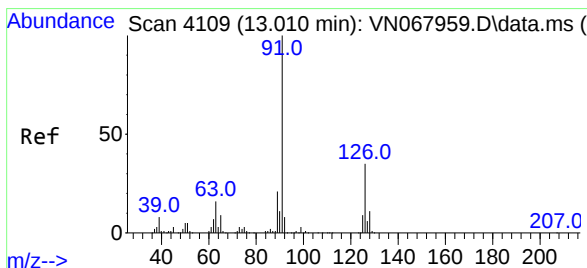
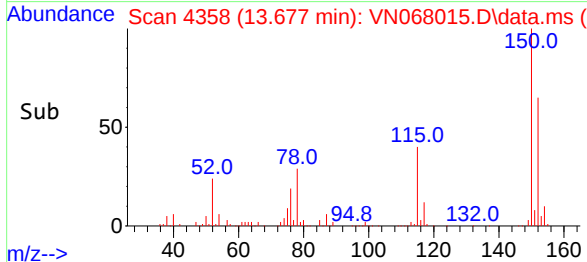
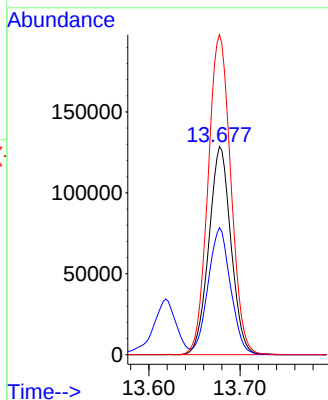
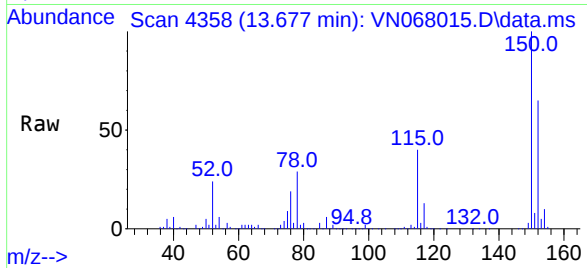
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion:152 Resp: 217106
Ion Ratio Lower Upper
152 100
115 62.0 36.1 108.5
150 158.0 0.0 351.8

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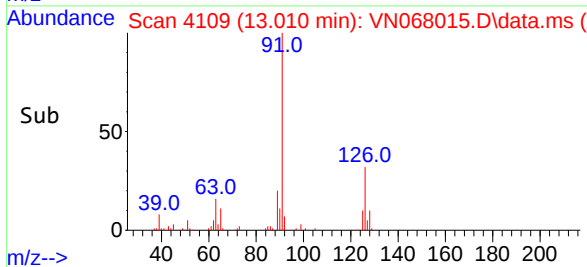
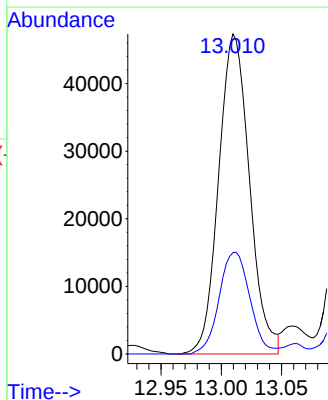
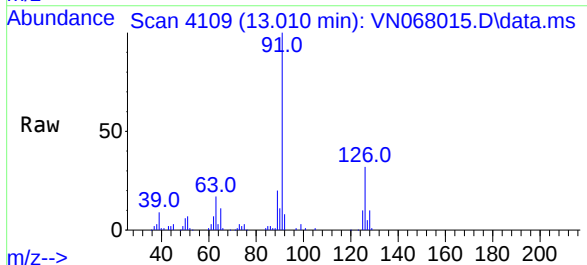
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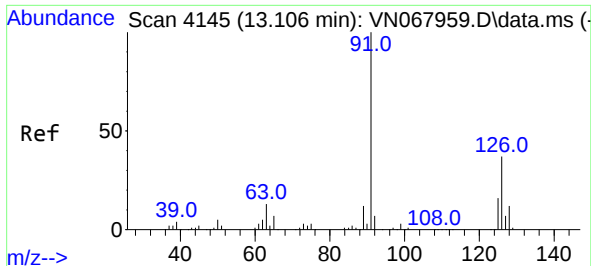
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#79
2-Chlorotoluene
Concen: 6.911 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Tgt Ion: 91 Resp: 84190
Ion Ratio Lower Upper
91 100
126 31.6 14.5 43.5





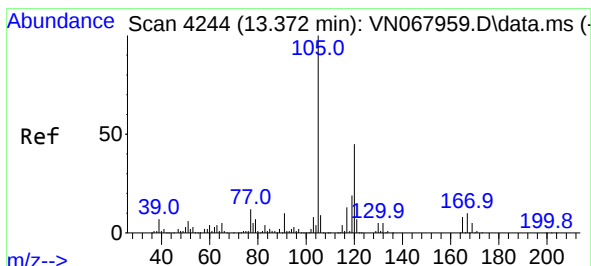
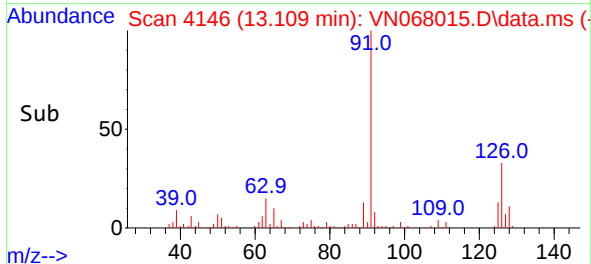
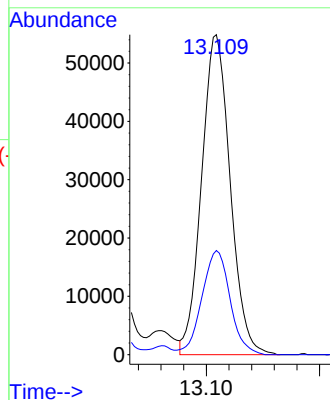
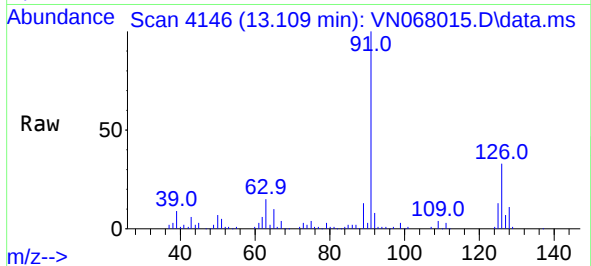
#82
4-Chlorotoluene
Concen: 7.874 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

Instrument :
MSVOA_N
ClientSampled :
41938DL

Tgt Ion: 91 Resp: 96311
Ion Ratio Lower Upper
91 100
126 32.0 14.8 44.4

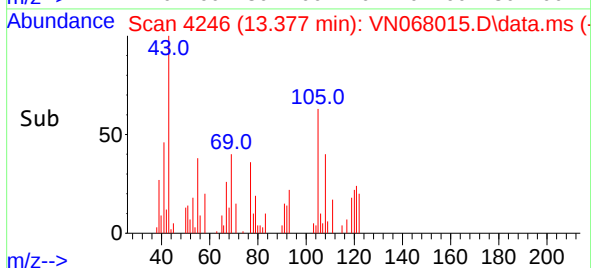
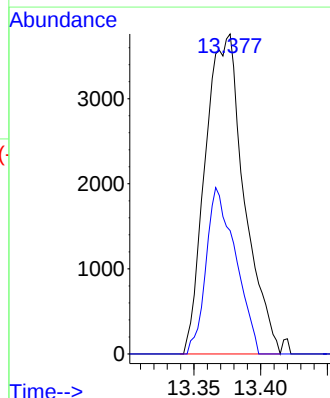
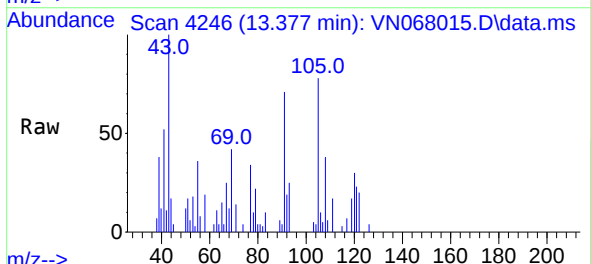
Manual Integrations
APPROVED

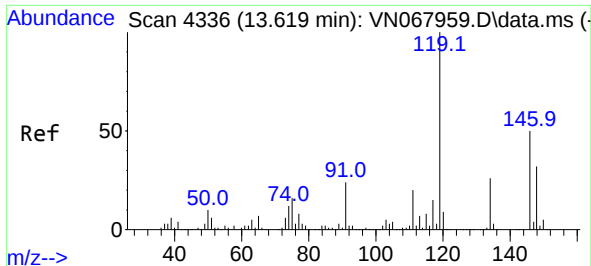
MMDadoda
8/6/2021 5:43:02 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.547 ug/l
RT: 13.377 min Scan# 4246
Delta R.T. 0.005 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

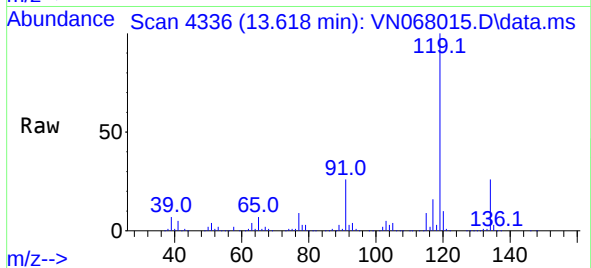
Tgt Ion: 105 Resp: 7605
Ion Ratio Lower Upper
105 100
120 39.6 20.6 61.8





#86
p-Isopropyltoluene
Concen: 50.783 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54

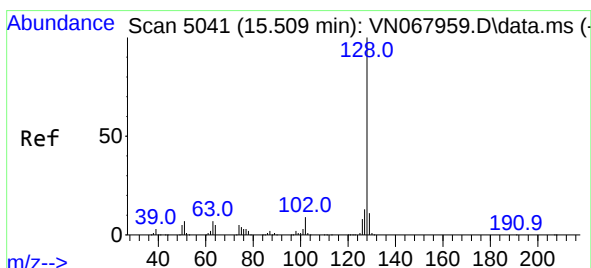
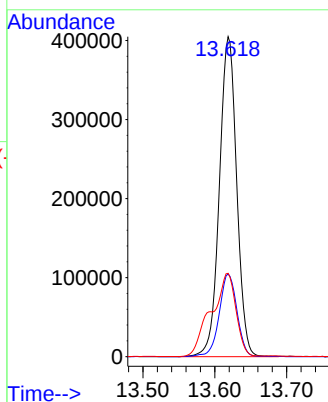
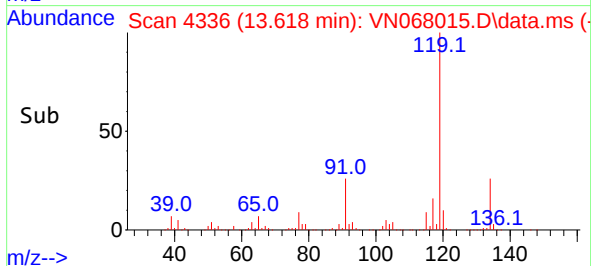
Instrument :
MSVOA_N
ClientSampled :
41938DL



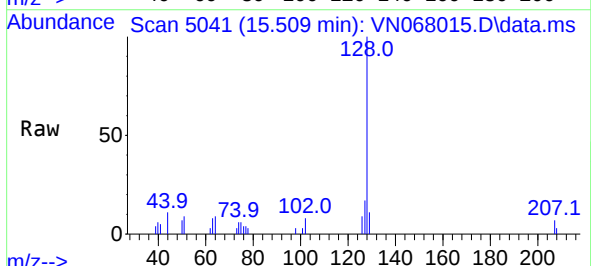
Tgt Ion:119 Resp: 674668
Ion Ratio Lower Upper
119 100
134 26.6 12.4 37.4
91 37.3 14.8 44.3

Manual Integrations
APPROVED

MMDadoda
8/6/2021 5:43:02 PM



#95
Naphthalene
Concen: 4.341 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068015.D
Acq: 5 Aug 2021 14:54



Tgt Ion:128 Resp: 11783
Ion Ratio Lower Upper
128 100
127 15.0 10.6 15.8
129 8.8 8.6 12.8

