

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068313.D
 Acq On : 25 Aug 2021 20:59
 Operator : JC/MD
 Sample : M3529-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41987

Manual Integrations
 APPROVED

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 8/26/2021 9:06:23 AM

Quant Time: Aug 26 05:41:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	825660	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1168202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1190223	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	629769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	290739	32.979	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	65.960%		
35) Dibromofluoromethane	8.024	113	302434	41.236	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	82.480%		
50) Toluene-d8	10.443	98	1207221	43.198	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.400%		
62) 4-Bromofluorobenzene	12.733	95	458733	49.309	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.620%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.387	59	56879	51.737	ug/l	100
15) Acrylonitrile	5.567	53	13651	4.407	ug/l	# 85
16) Acetone	4.291	43	1449484	563.137	ug/l	# 85
18) Methyl Acetate	4.864	43	39916	3.036	ug/l	# 77
25) 2-Butanone	7.340	43	552891	137.833	ug/l	# 83
40) Benzene	8.461	78	913840	31.353	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	26915	3.362	ug/l	93
52) Toluene	10.507	92	605661	30.481	ug/l	100
59) 2-Hexanone	11.089	43	22397	4.029	ug/l	96
67) Ethyl Benzene	11.848	91	123609	3.075	ug/l	89
68) m/p-Xylenes	11.953	106	610483	37.965	ug/l	77
69) o-Xylene	12.283	106	412502	26.550	ug/l	79
80) 1,3,5-Trimethylbenzene	13.061	105	102630	2.832	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	779816	22.046	ug/l	93
95) Naphthalene	15.493	128	23675259m	896.993	ug/l	

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

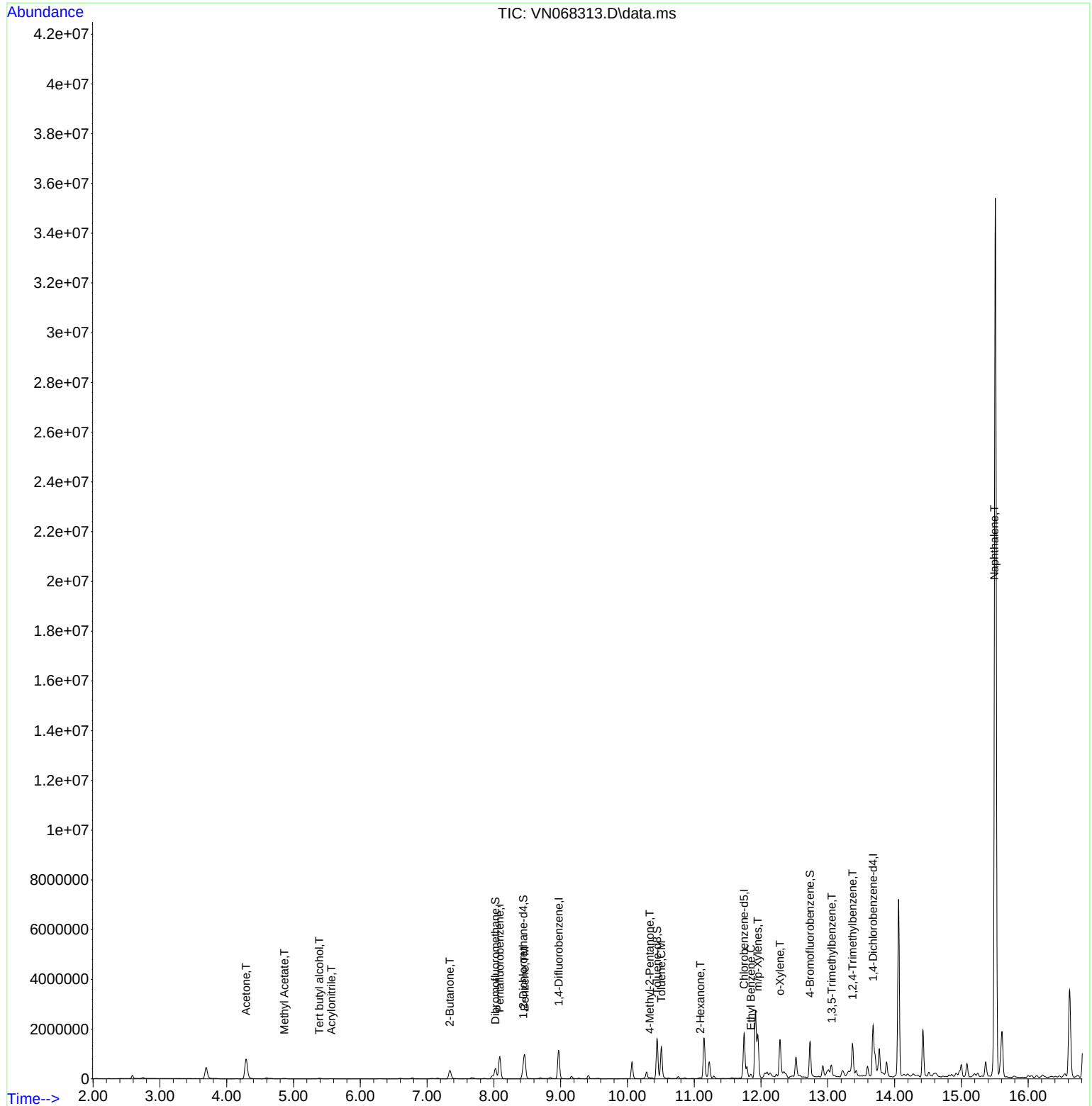
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
Data File : VN068313.D
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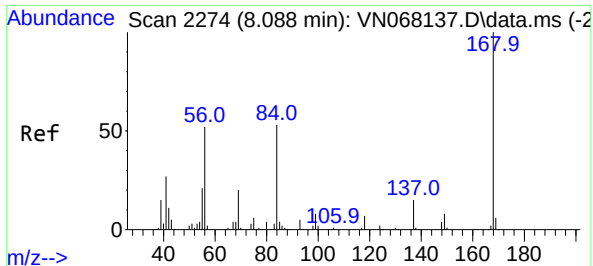
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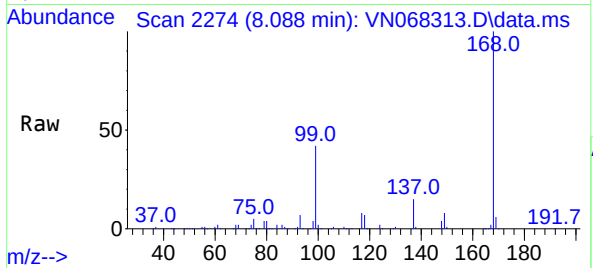
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Quant Time: Aug 26 05:41:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
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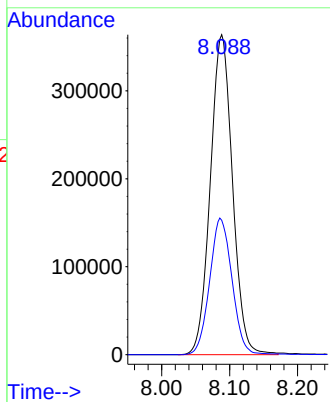
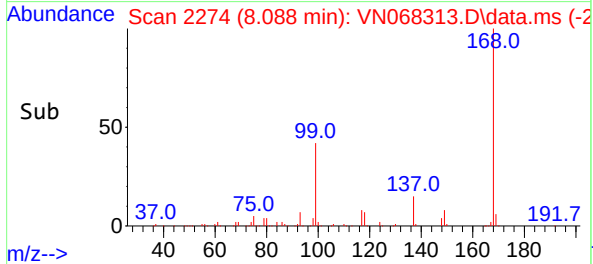




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



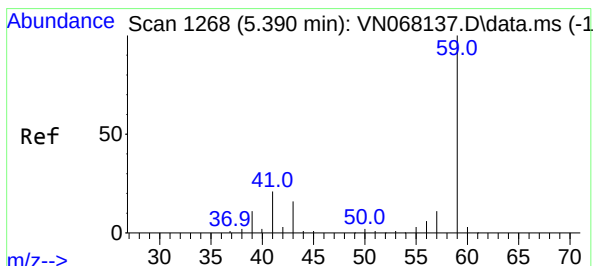
Tgt Ion: 168 Resp: 825660
Ion Ratio Lower Upper
168 100
99 42.0 62.9 94.3#



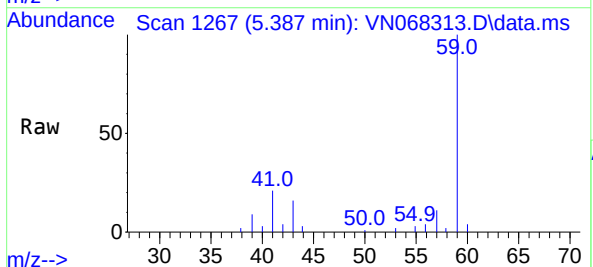
Instrument :
MSVOA_N
ClientSampled :
41987

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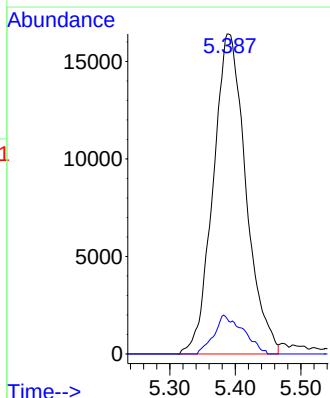
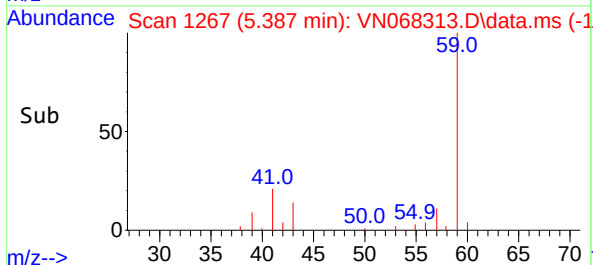
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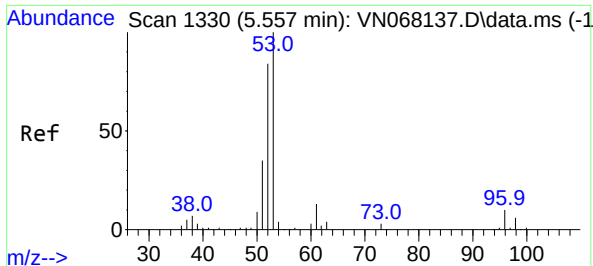


#11
Tert butyl alcohol
Concen: 51.737 ug/l
RT: 5.387 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

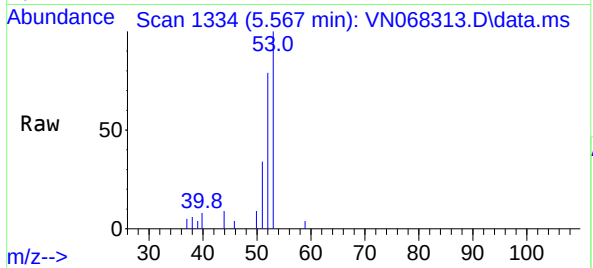


Tgt Ion: 59 Resp: 56879
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

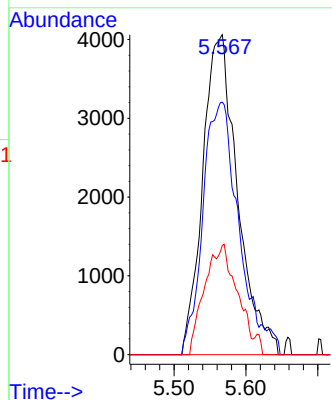




#15
Acrylonitrile
Concen: 4.407 ug/l
RT: 5.567 min Scan# 1334
Delta R.T. 0.010 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



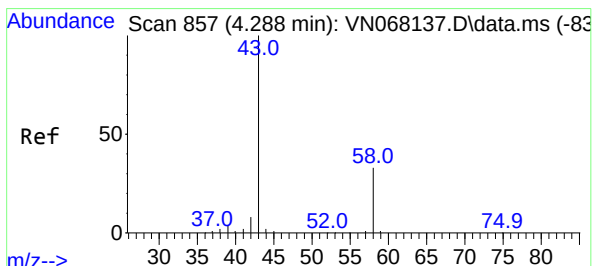
Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.9	66.2	99.2
51	13.3	30.2	45.4#



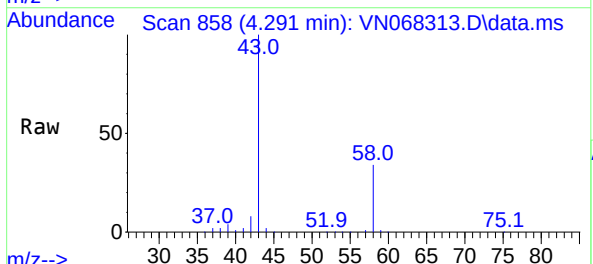
Instrument :
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ClientSampled :
41987

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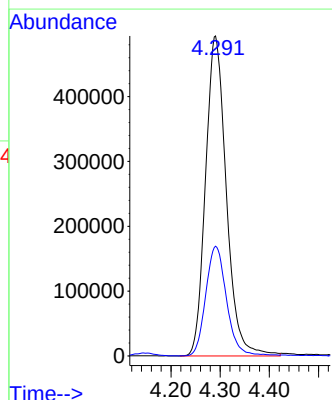
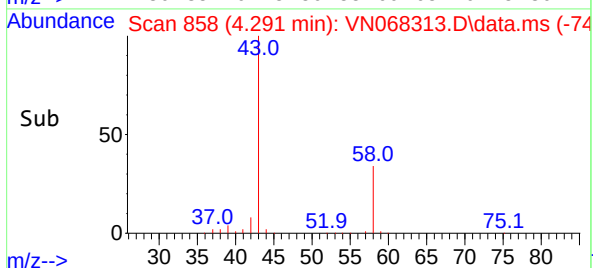
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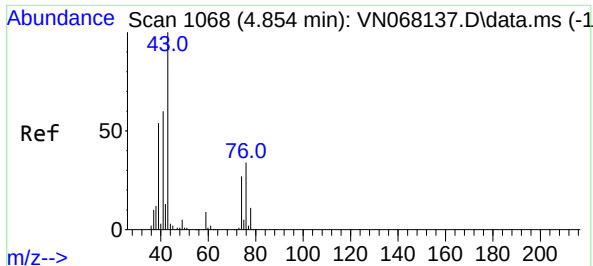


#16
Acetone
Concen: 563.137 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

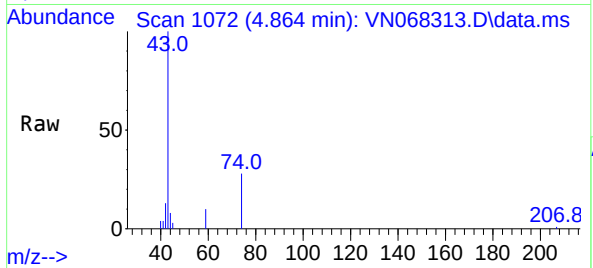


Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.3	21.2	31.8#

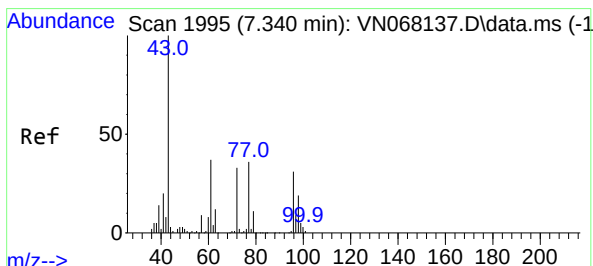
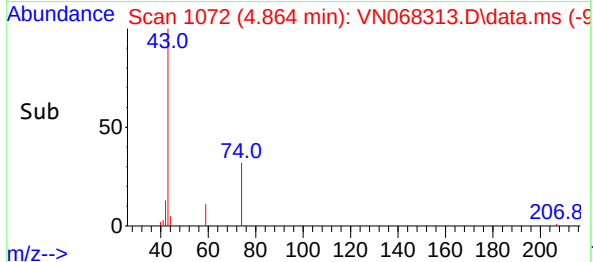
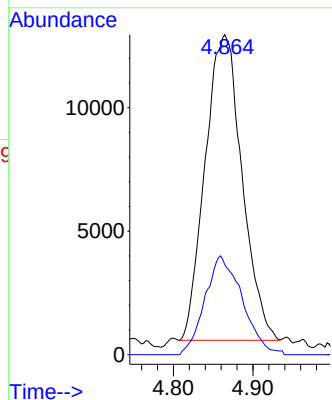




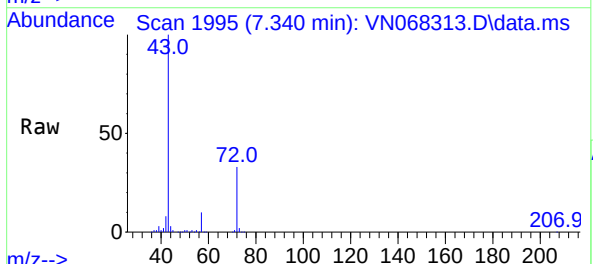
#18
Methyl Acetate
Concen: 3.036 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.010 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



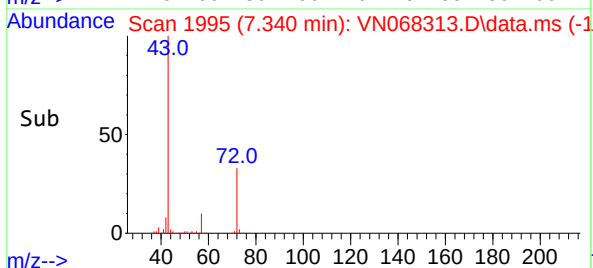
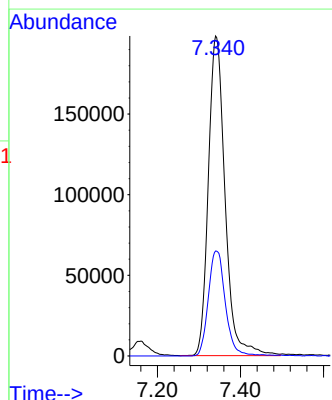
Tgt Ion: 43 Resp: 39916
Ion Ratio Lower Upper
43 100
74 32.7 17.4 26.0#



#25
2-Butanone
Concen: 137.833 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



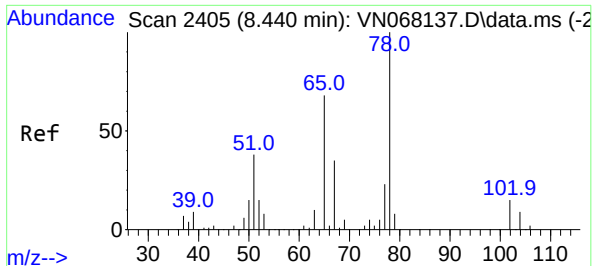
Tgt Ion: 43 Resp: 552891
Ion Ratio Lower Upper
43 100
72 32.8 19.7 29.5#



Instrument :
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Manual Integrations
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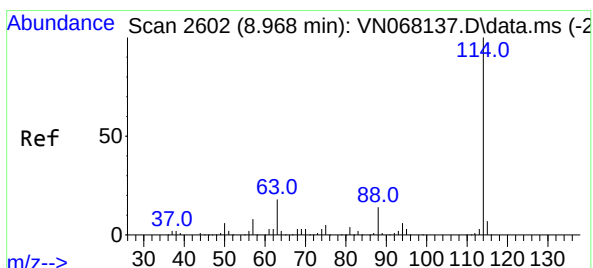
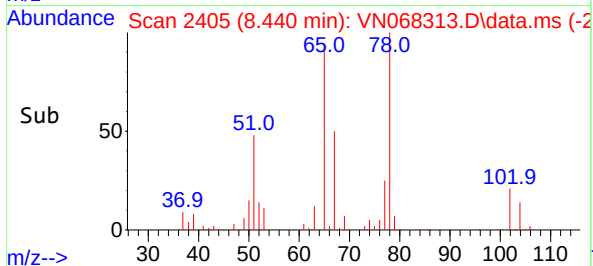
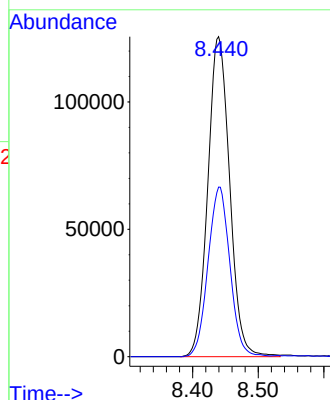
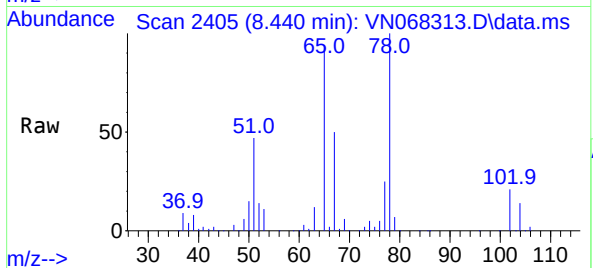
#33
1,2-Dichloroethane-d4
Concen: 32.979 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

Tgt Ion: 65 Resp: 290739
Ion Ratio Lower Upper
65 100
67 53.0 0.0 98.6

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41987

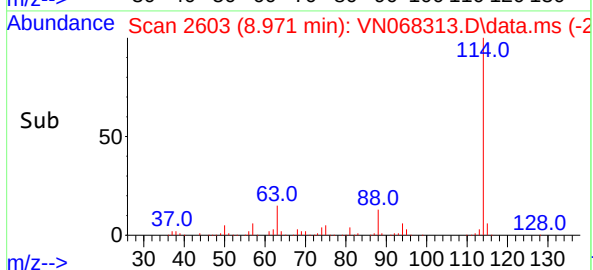
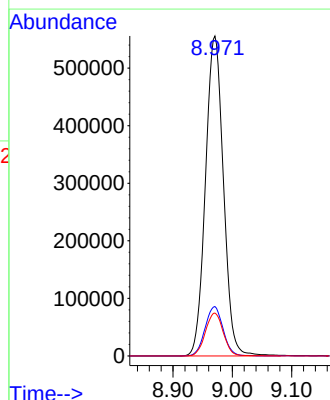
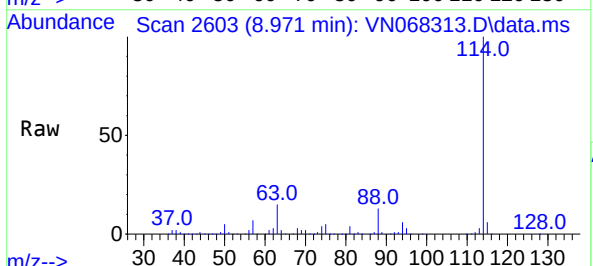
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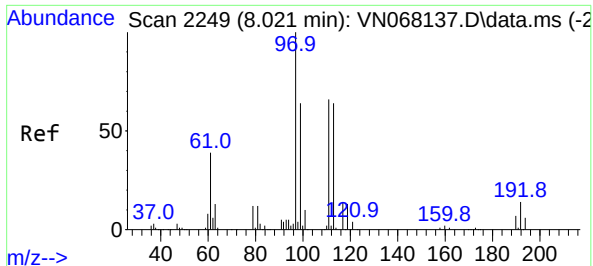
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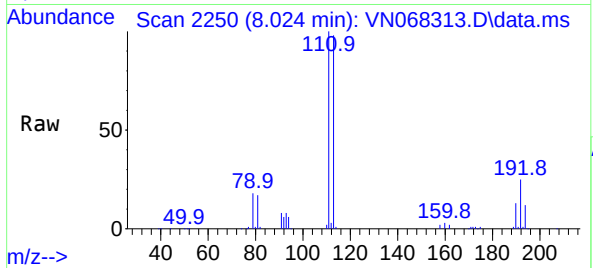
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

Tgt Ion: 114 Resp: 1168202
Ion Ratio Lower Upper
114 100
63 15.4 0.0 49.0
88 13.4 0.0 36.6

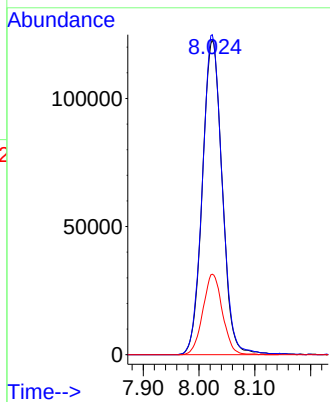
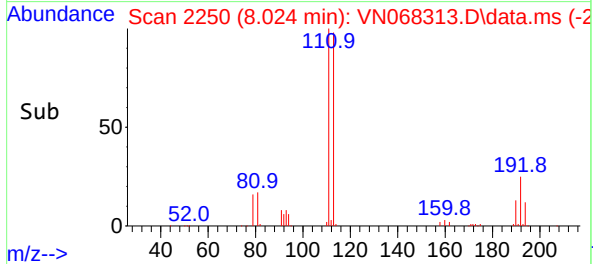




#35
Dibromofluoromethane
Concen: 41.236 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



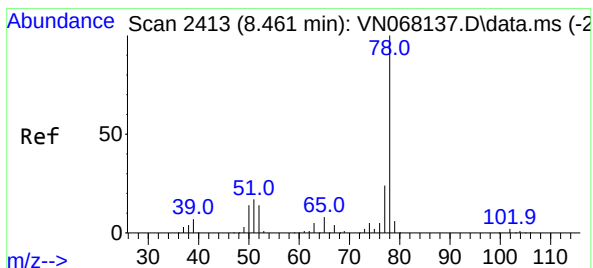
Tgt Ion: 113 Resp: 302434
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.8
192 25.2 13.4 20.0#



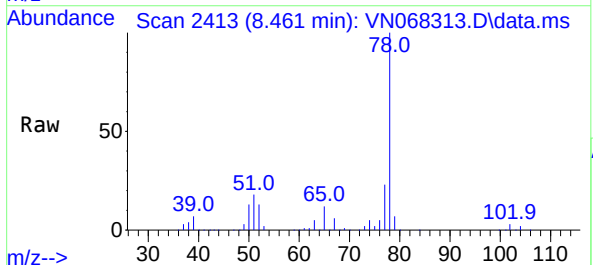
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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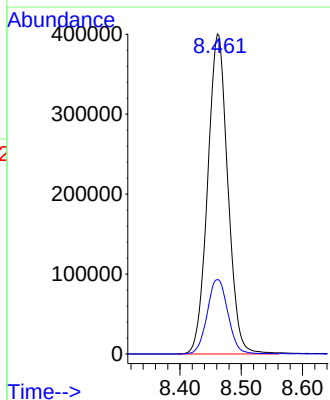
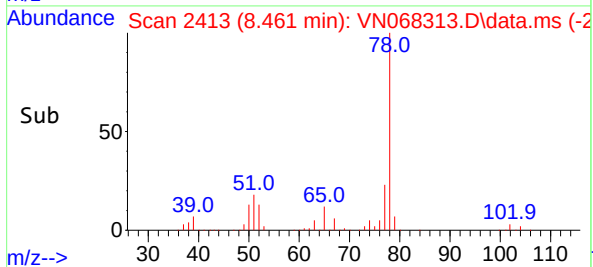
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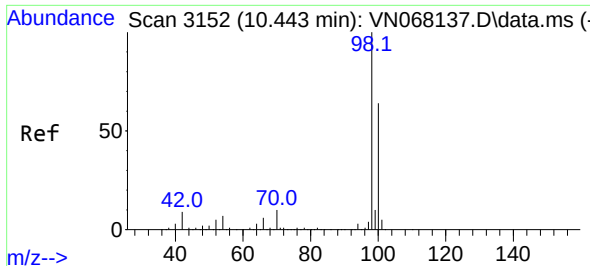


#40
Benzene
Concen: 31.353 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



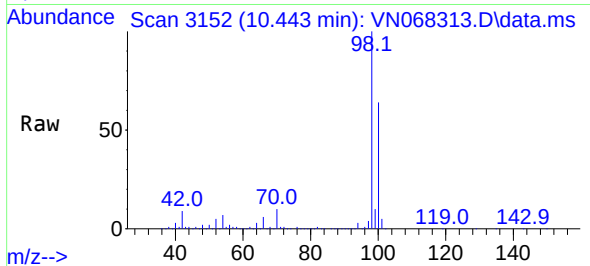
Tgt Ion: 78 Resp: 913840
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3





#50
Toluene-d8
Concen: 43.198 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

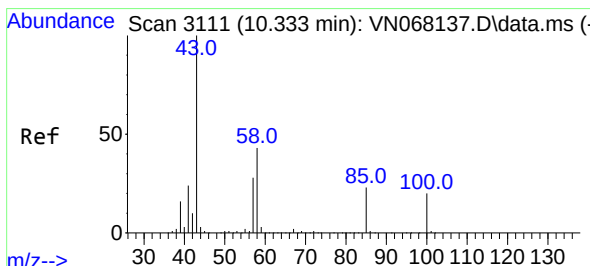
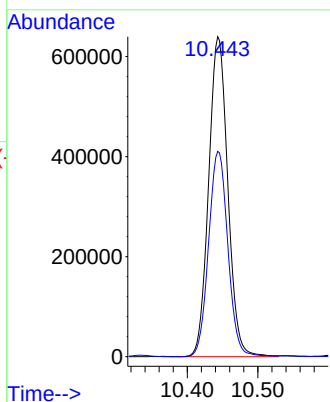
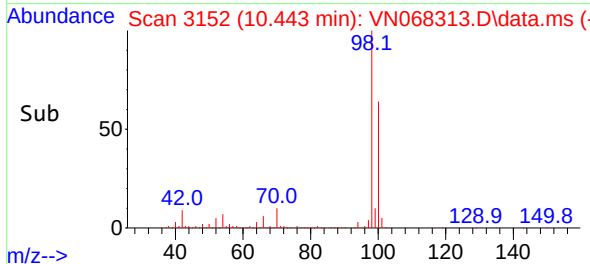
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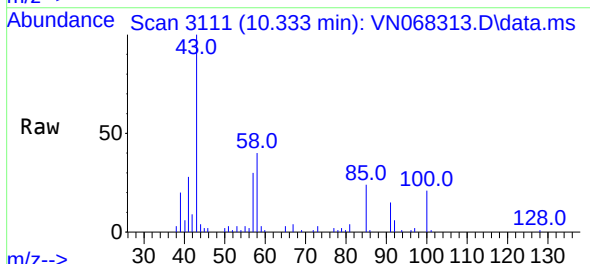
Tgt Ion: 98 Resp: 1207221
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

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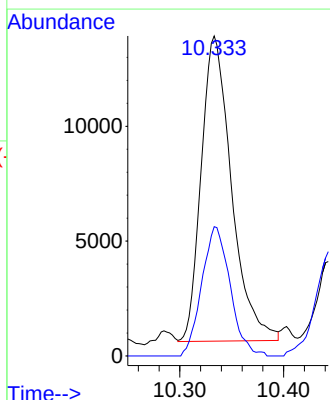
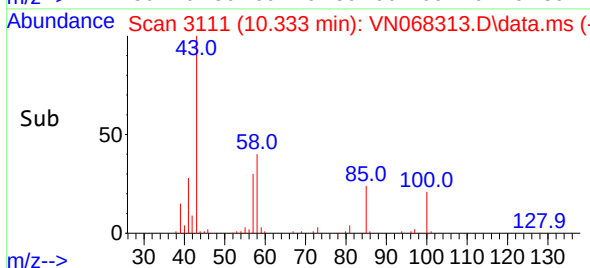
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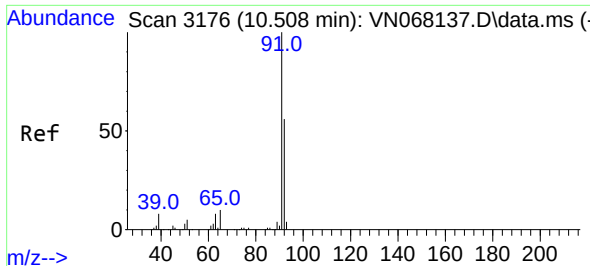


#51
4-Methyl-2-Pentanone
Concen: 3.362 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



Tgt Ion: 43 Resp: 26915
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0





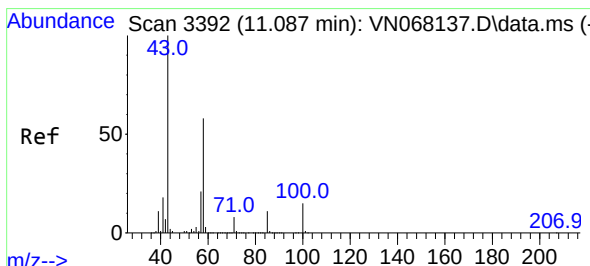
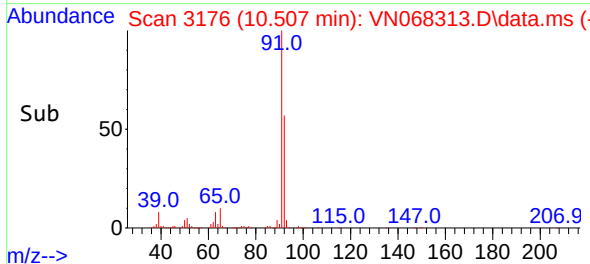
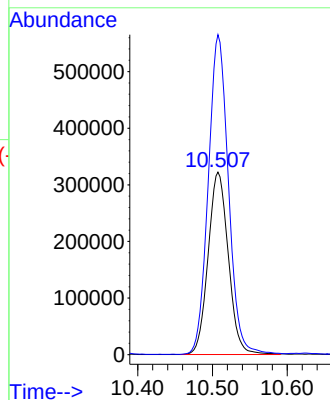
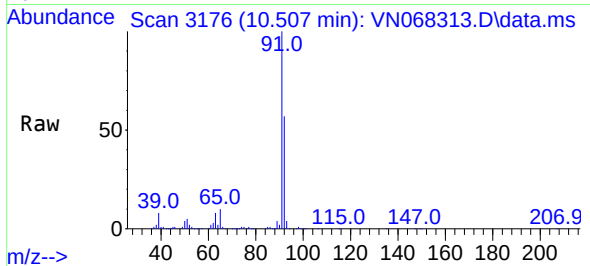
#52
Toluene
Concen: 30.481 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

Tgt Ion: 92 Resp: 605661
Ion Ratio Lower Upper
92 100
91 174.7 139.6 209.4

Instrument :
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ClientSampled :
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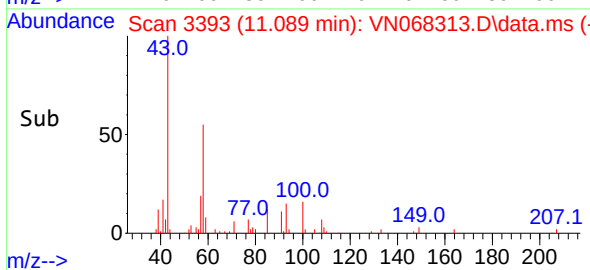
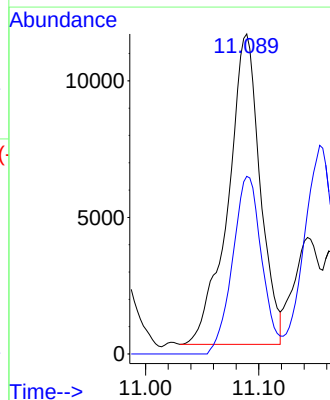
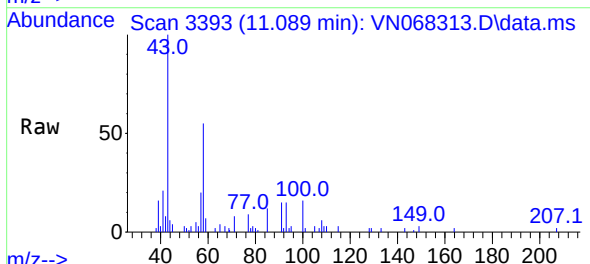
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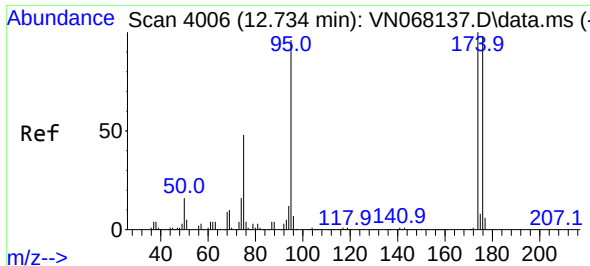
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8/26/2021 9:06:23 AM



#59
2-Hexanone
Concen: 4.029 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

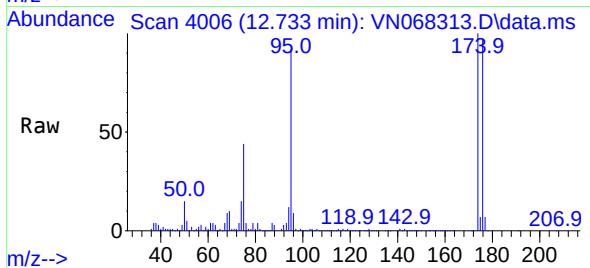
Tgt Ion: 43 Resp: 22397
Ion Ratio Lower Upper
43 100
58 52.2 24.7 74.1





#62
4-Bromofluorobenzene
Concen: 49.309 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

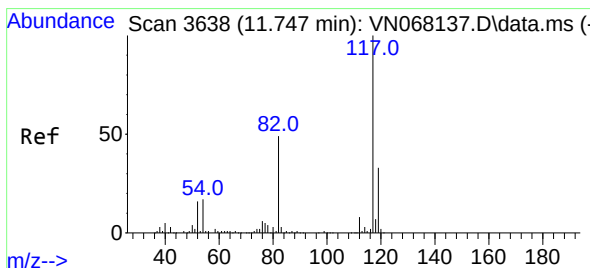
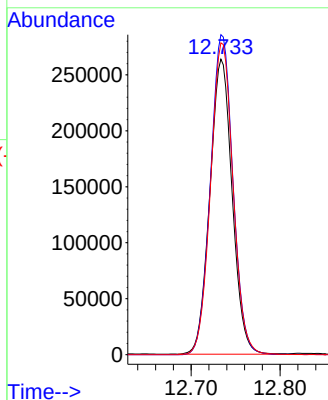
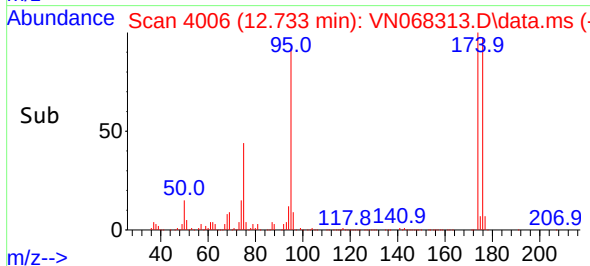
Instrument :
MSVOA_N
ClientSampled :
41987



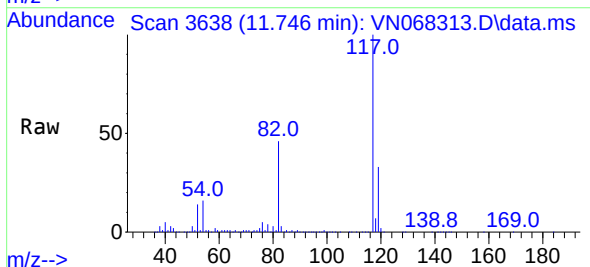
Tgt Ion: 95 Resp: 458733
Ion Ratio Lower Upper
95 100
174 109.3 0.0 122.0
176 106.6 0.0 117.6

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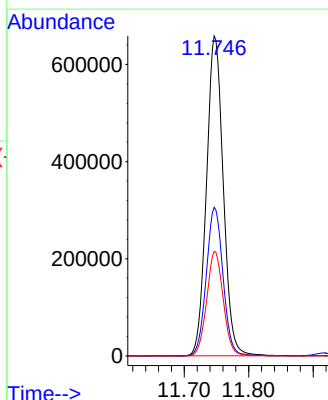
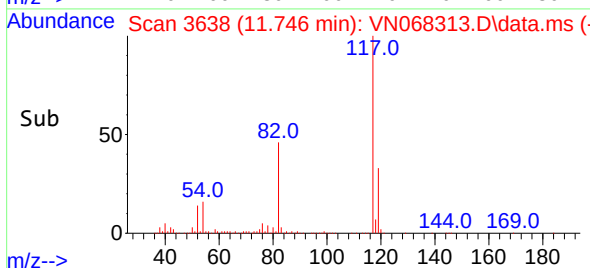
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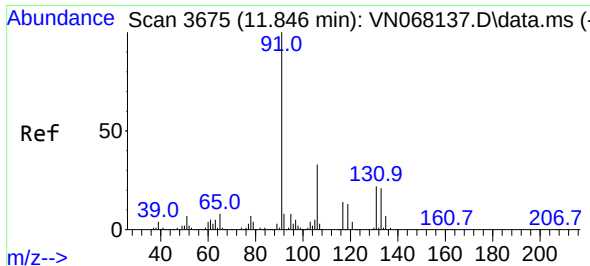


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



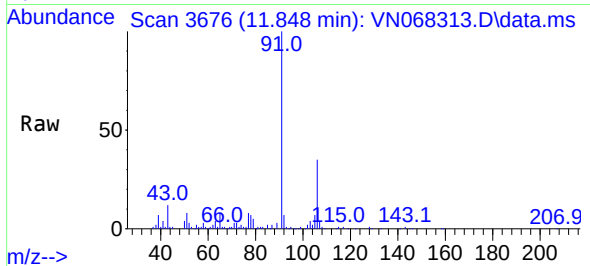
Tgt Ion: 117 Resp: 1190223
Ion Ratio Lower Upper
117 100
82 46.5 53.1 79.7#
119 32.7 25.5 38.3





#67
Ethyl Benzene
Concen: 3.075 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

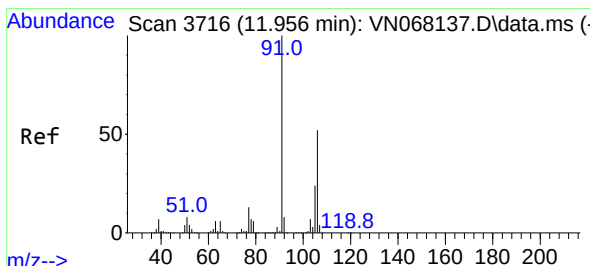
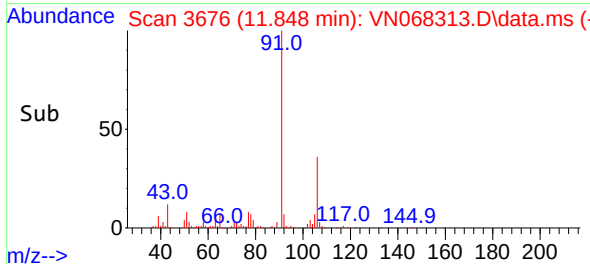
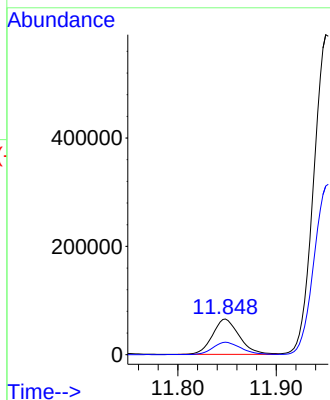
Instrument :
MSVOA_N
ClientSampled :
41987



Tgt Ion: 91 Resp: 123609
Ion Ratio Lower Upper
91 100
106 34.9 23.4 35.0

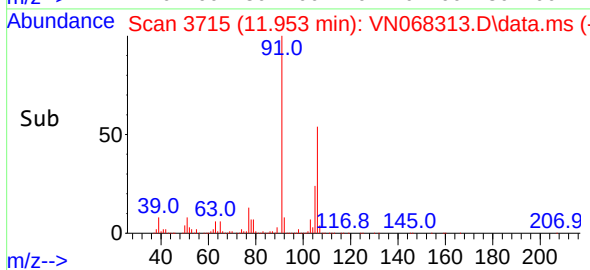
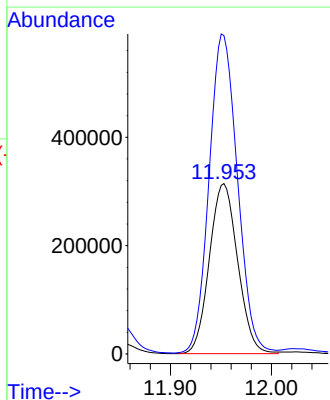
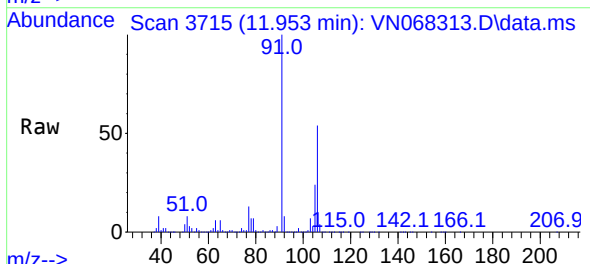
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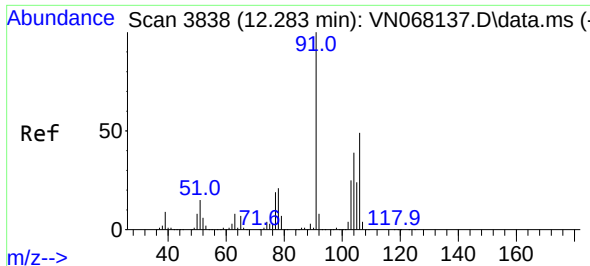
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8/26/2021 9:06:23 AM



#68
m/p-Xylenes
Concen: 37.965 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

Tgt Ion: 106 Resp: 610483
Ion Ratio Lower Upper
106 100
91 187.5 180.6 270.8





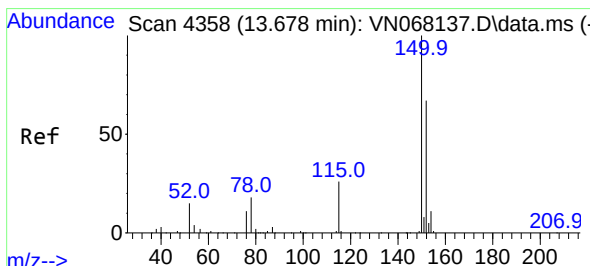
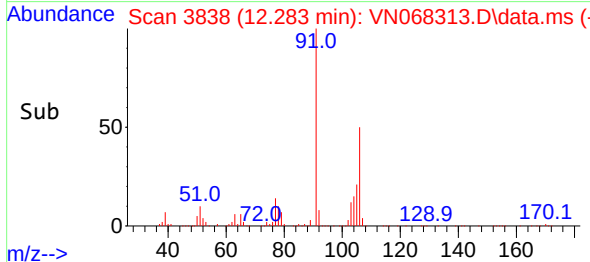
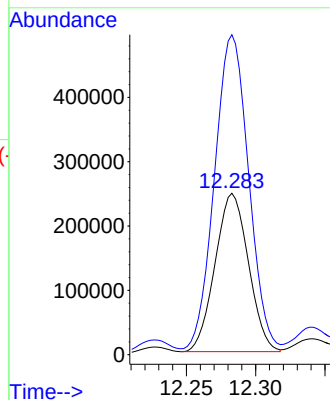
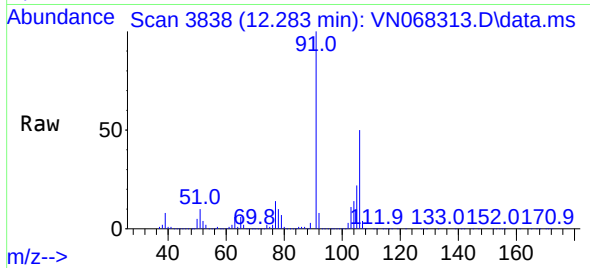
#69
o-Xylene
Concen: 26.550 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

Tgt Ion:106 Resp: 412502
Ion Ratio Lower Upper
106 100
91 200.9 118.3 354.9

Instrument :
MSVOA_N
ClientSampled :
41987

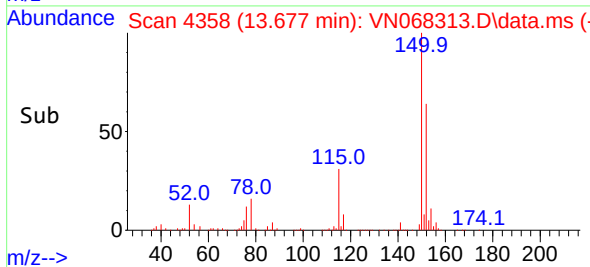
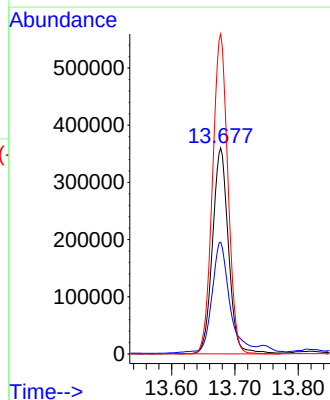
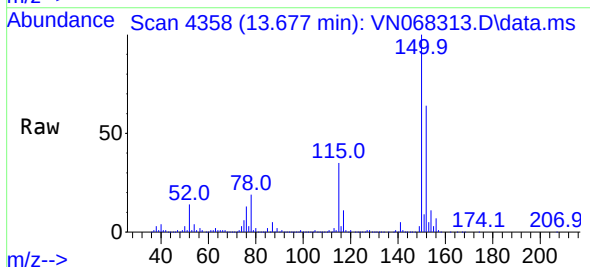
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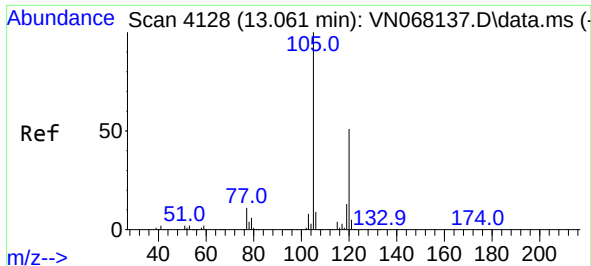
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8/26/2021 9:06:23 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

Tgt Ion:152 Resp: 629769
Ion Ratio Lower Upper
152 100
115 60.7 36.1 108.5
150 149.9 0.0 351.8





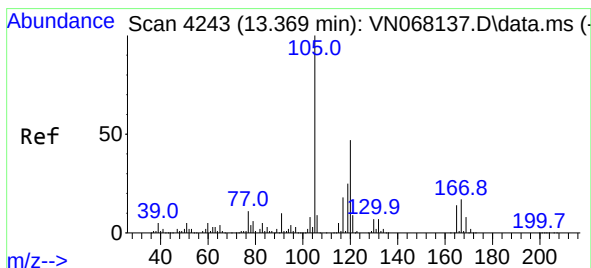
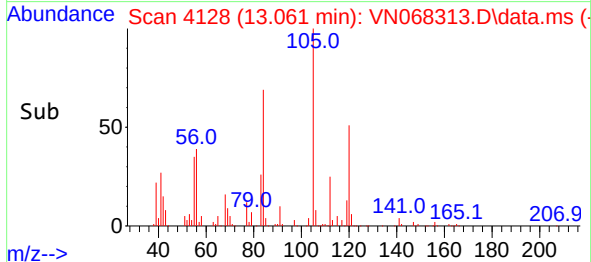
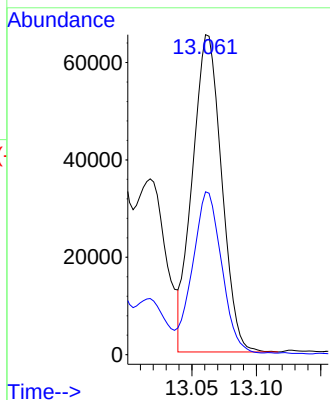
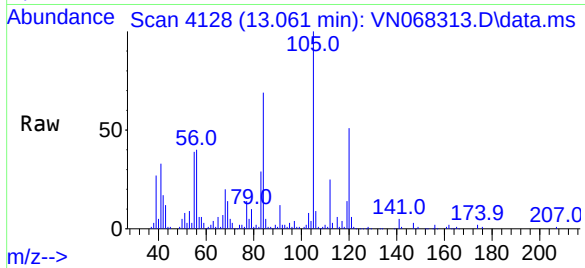
#80
1,3,5-Trimethylbenzene
Concen: 2.832 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

Tgt Ion:105 Resp: 102630
Ion Ratio Lower Upper
105 100
120 50.6 22.2 66.6

Instrument :
MSVOA_N
ClientSampleId :
41987

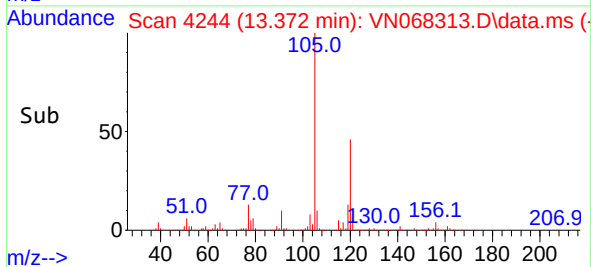
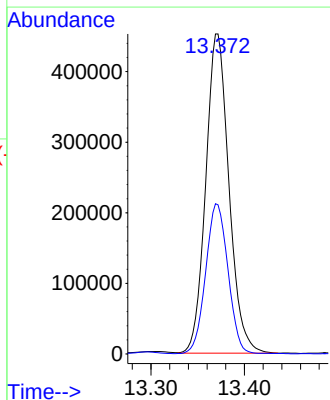
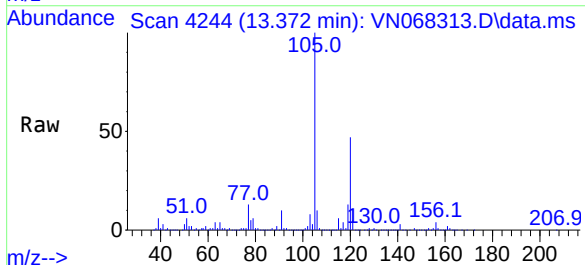
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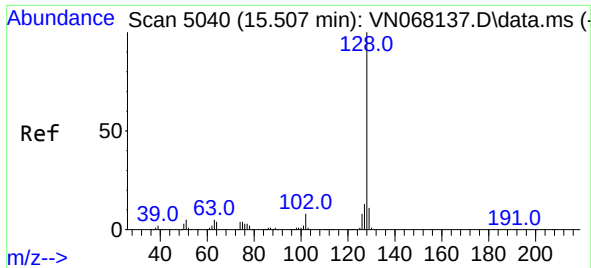
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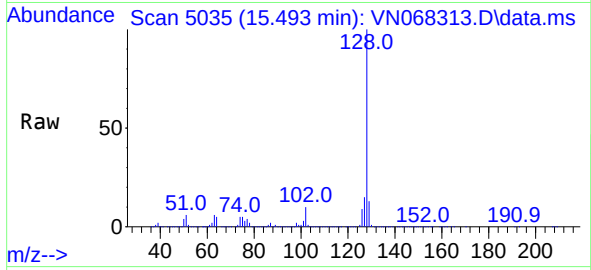
#84
1,2,4-Trimethylbenzene
Concen: 22.046 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59

Tgt Ion:105 Resp: 779816
Ion Ratio Lower Upper
105 100
120 45.3 20.6 61.8

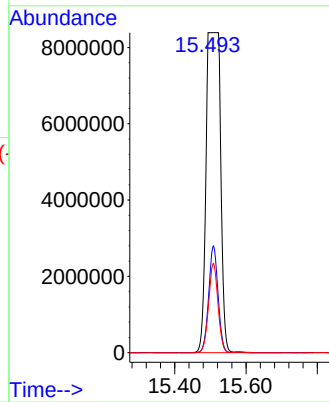
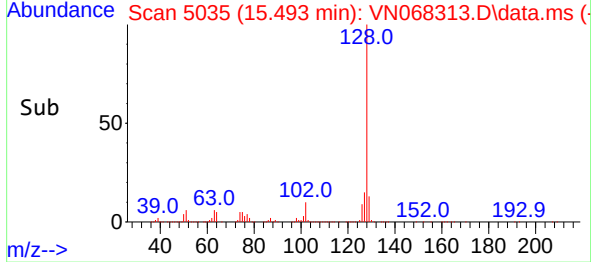




#95
Naphthalene
Concen: 896.993 ug/l m
RT: 15.493 min Scan# 5035
Delta R.T. -0.014 min
Lab File: VN068313.D
Acq: 25 Aug 2021 20:59



Tgt Ion:128 Resp:23675259
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#



Instrument :
MSVOA_N
ClientSampleId :
41987

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