

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068330.D
 Acq On : 26 Aug 2021 19:57
 Operator : JC/MD
 Sample : M3529-06DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41987DL

Manual Integrations
 APPROVED

SAM
 8/27/2021 1:34:44 PM

Quant Time: Aug 27 05:55:03 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	486140	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	813998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	862389	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	431527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	239567	46.154	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.300%		
35) Dibromofluoromethane	8.024	113	223406	43.715	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	87.440%		
50) Toluene-d8	10.446	98	876366	45.005	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.000%		
62) 4-Bromofluorobenzene	12.736	95	361325	55.739	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.480%		
Target Compounds						
11) Tert butyl alcohol	5.401	59	7108m	10.981	ug/l	Qvalue
16) Acetone	4.296	43	197064	130.031	ug/l #	84
25) 2-Butanone	7.348	43	73412	31.083	ug/l #	81
40) Benzene	8.461	78	111412	5.486	ug/l	99
52) Toluene	10.510	92	61542	4.445	ug/l	99
67) Ethyl Benzene	11.848	91	12060	0.414	ug/l	99
68) m/p-Xylenes	11.956	106	56912	4.885	ug/l	79
69) o-Xylene	12.283	106	40833	3.627	ug/l	86
80) 1,3,5-Trimethylbenzene	13.063	105	10962	0.442	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	68899	2.843	ug/l	97
95) Naphthalene	15.507	128	3517759	197.125	ug/l	100

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

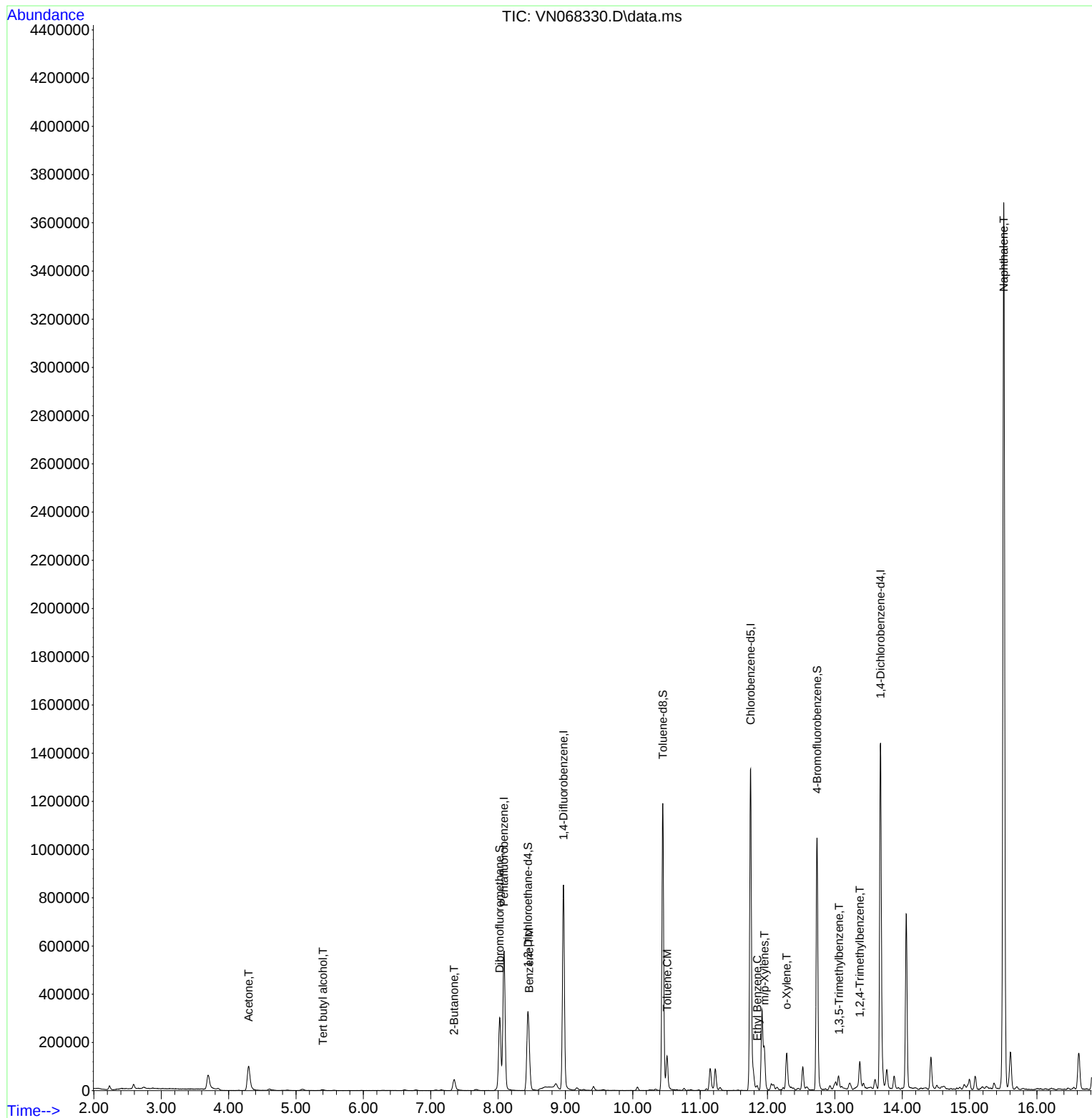
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
Data File : VN068330.D
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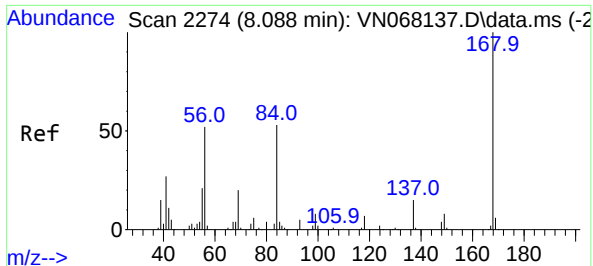
Instrument :
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ClientSampleId :
41987DL

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Quant Time: Aug 27 05:55:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
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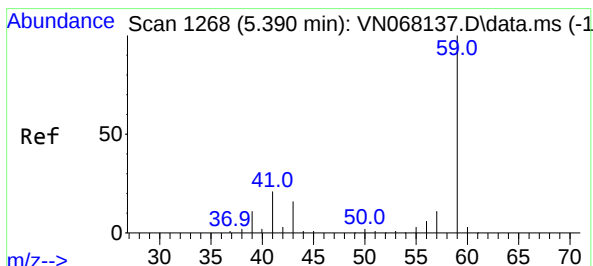
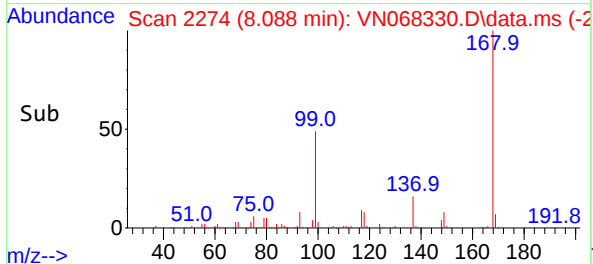
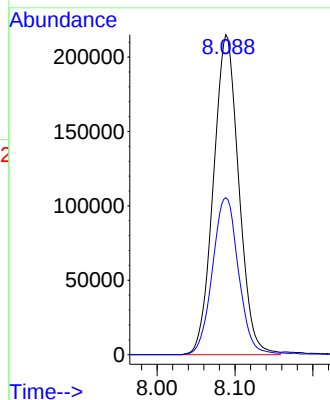
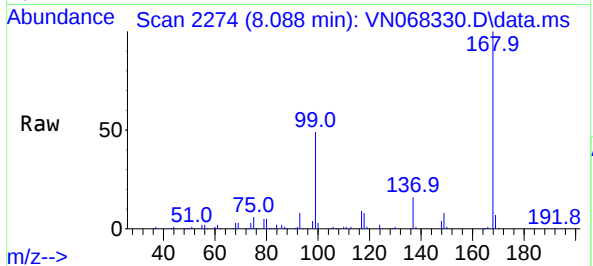
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion: 168 Resp: 486140
Ion Ratio Lower Upper
168 100
99 49.1 62.9 94.3#

Instrument :
MSVOA_N
ClientSampled :
41987DL

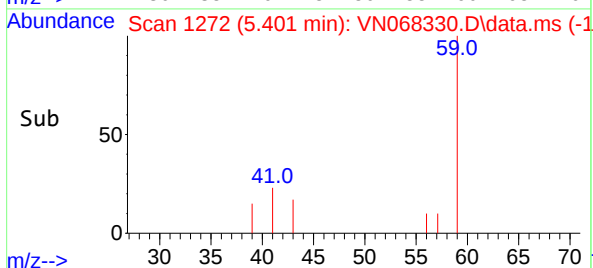
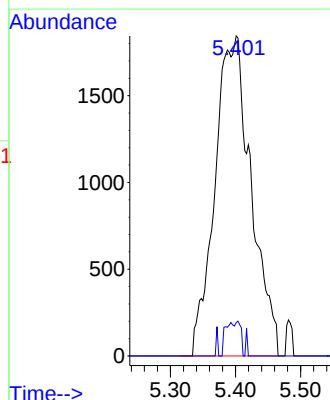
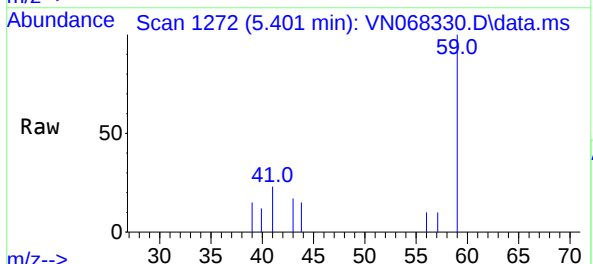
Manual Integrations
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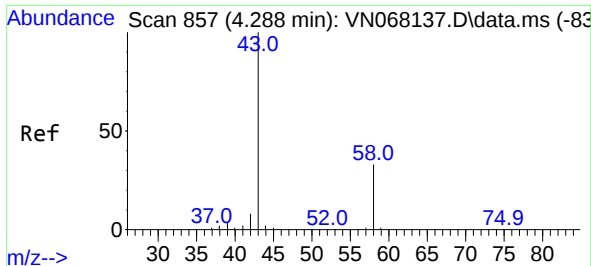
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#11
Tert butyl alcohol
Concen: 10.981 ug/l m
RT: 5.401 min Scan# 1272
Delta R.T. 0.011 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

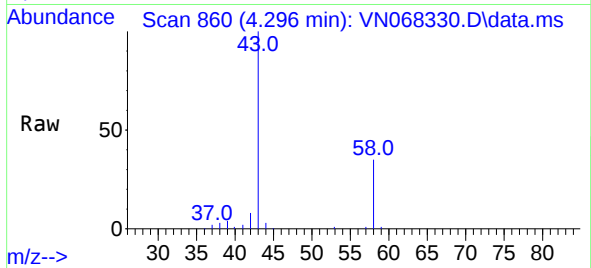
Tgt Ion: 59 Resp: 7108
Ion Ratio Lower Upper
59 100
57 2.8 8.7 13.1#





#16
Acetone
Concen: 130.031 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

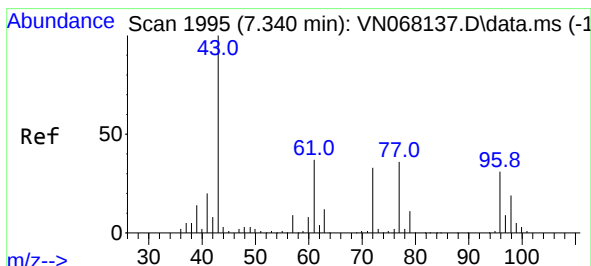
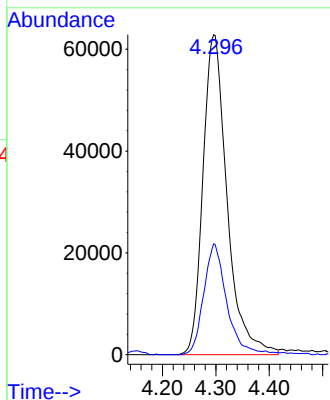
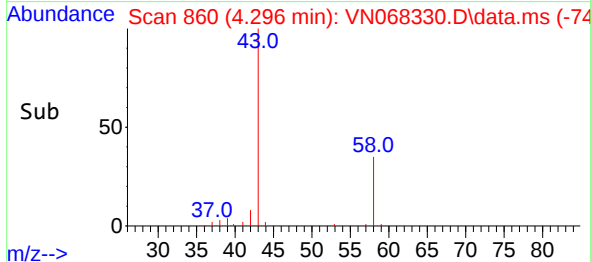
Instrument :
MSVOA_N
ClientSampled :
41987DL



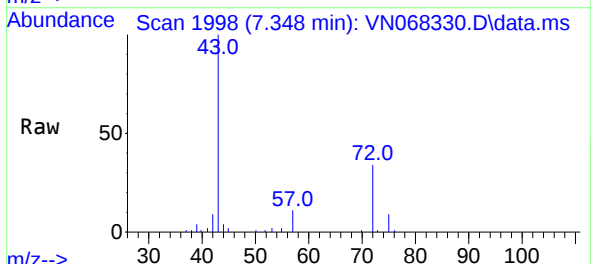
Tgt Ion: 43 Resp: 197064
Ion Ratio Lower Upper
43 100
58 34.7 21.2 31.8#

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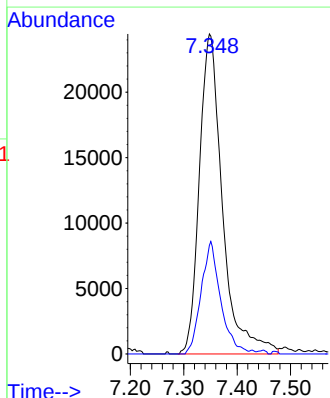
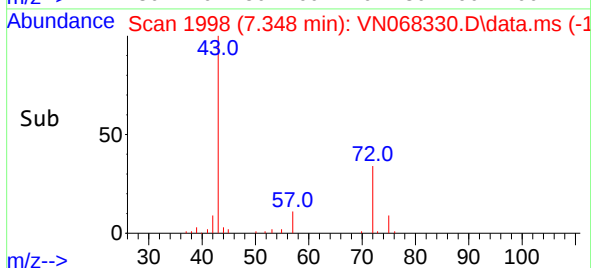
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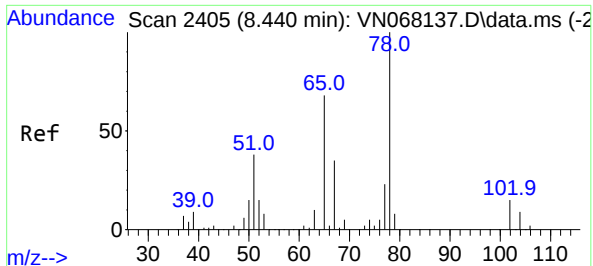


#25
2-Butanone
Concen: 31.083 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.008 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57



Tgt Ion: 43 Resp: 73412
Ion Ratio Lower Upper
43 100
72 34.0 19.7 29.5#





#33

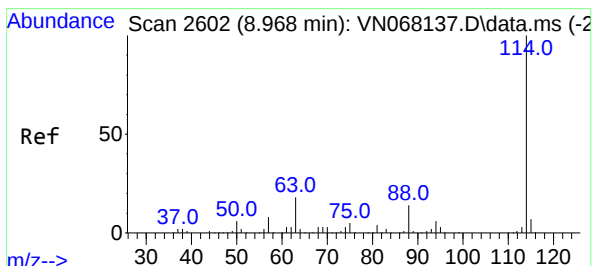
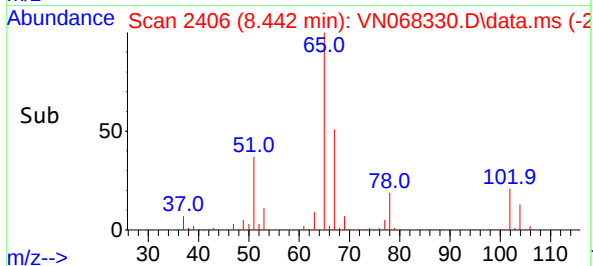
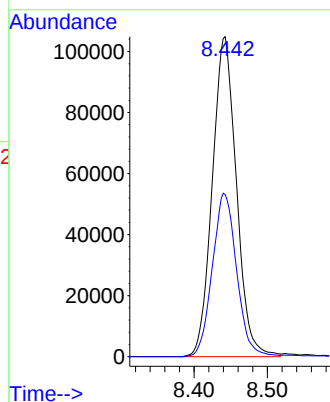
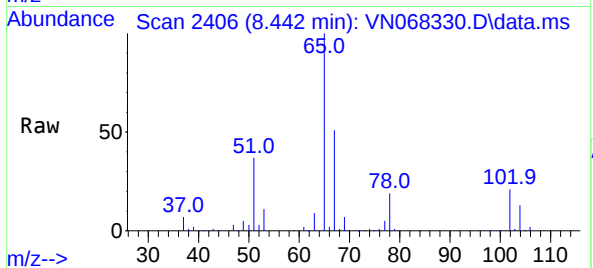
1,2-Dichloroethane-d4
Concen: 46.154 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion: 65 Resp: 239567
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

Instrument :
MSVOA_N
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41987DL

Manual Integrations
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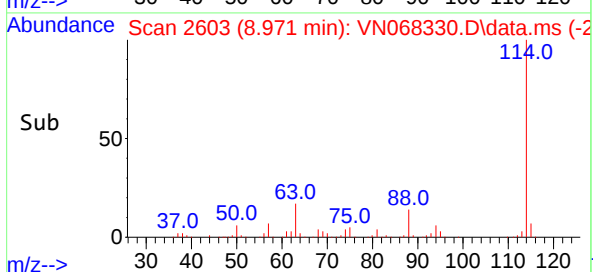
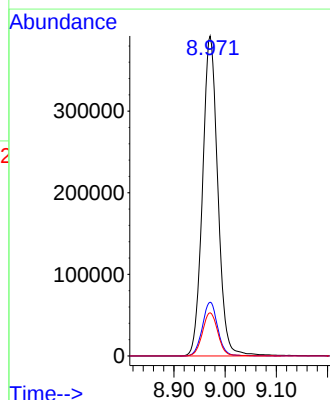
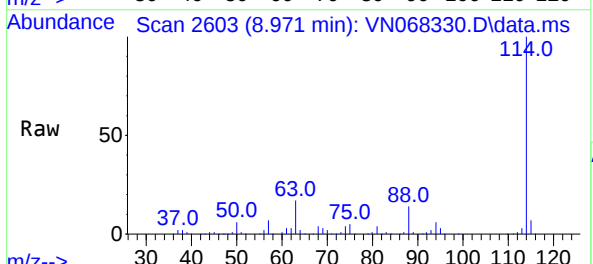
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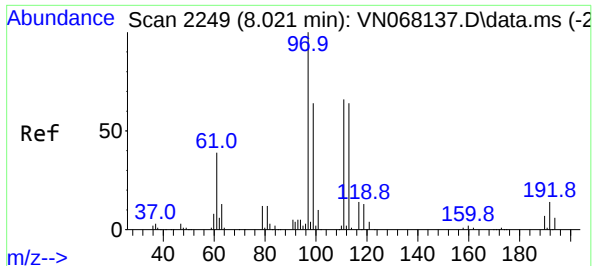


#34

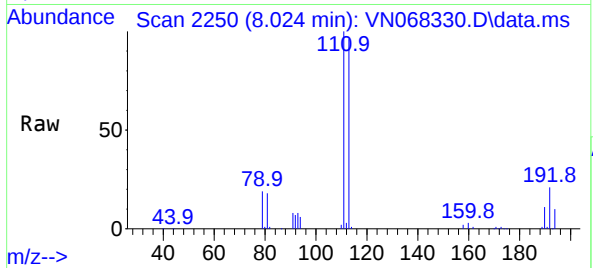
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion: 114 Resp: 813998
Ion Ratio Lower Upper
114 100
63 16.8 0.0 49.0
88 13.5 0.0 36.6

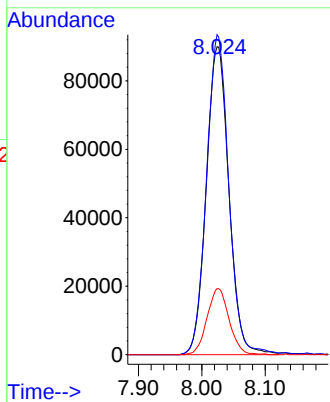
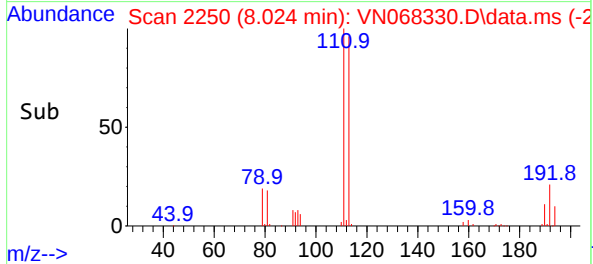




#35
Dibromofluoromethane
Concen: 43.715 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57



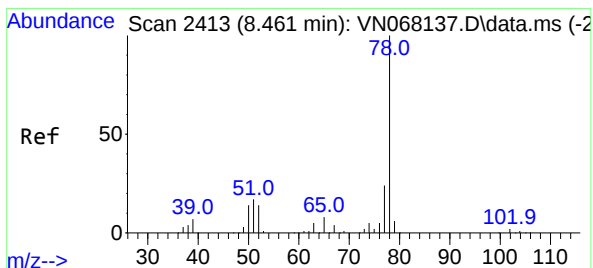
Tgt Ion: 113 Resp: 223406
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 20.9 13.4 20.0#



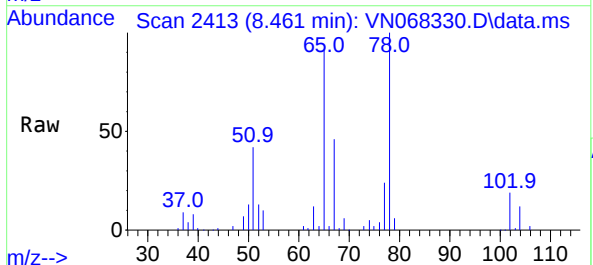
Instrument :
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ClientSampleID :
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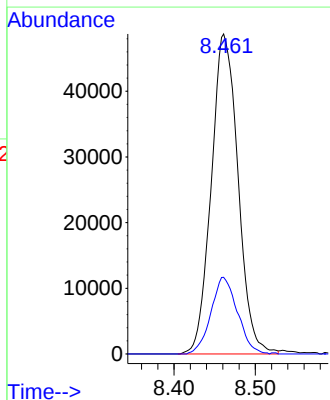
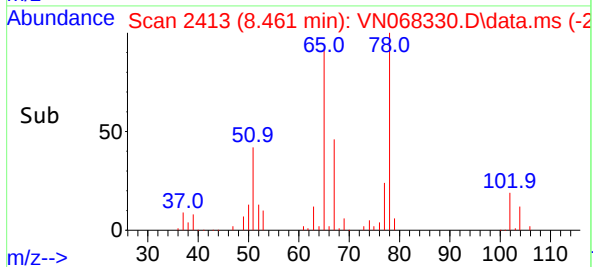
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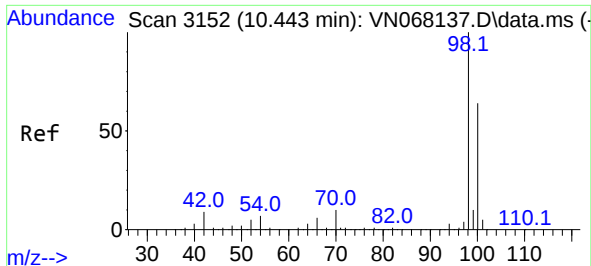


#40
Benzene
Concen: 5.486 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57



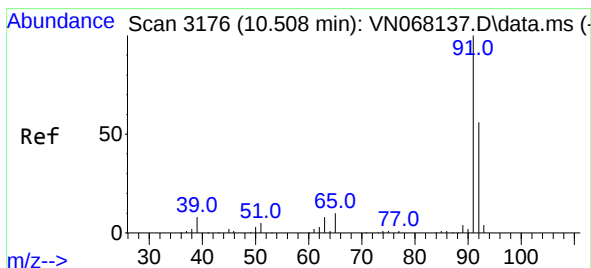
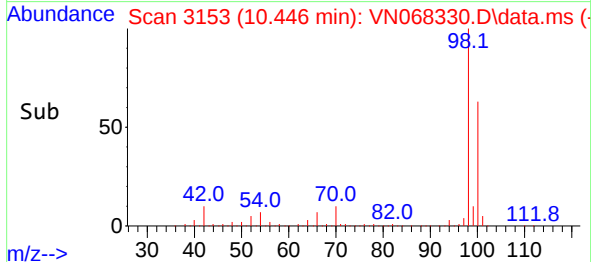
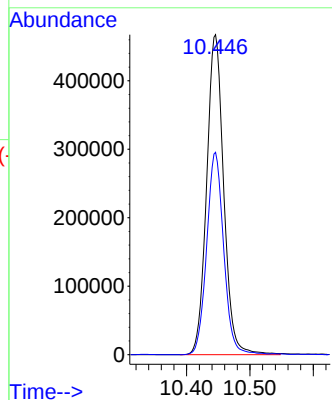
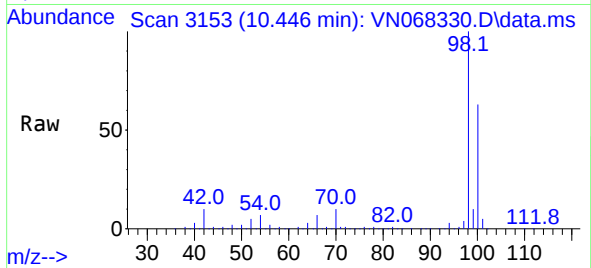
Tgt Ion: 78 Resp: 111412
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3





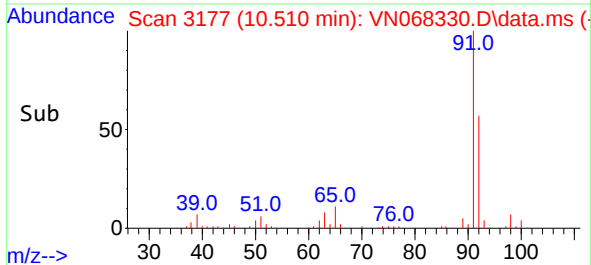
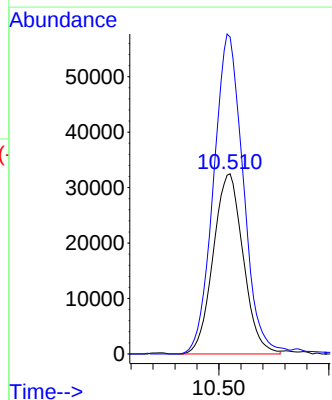
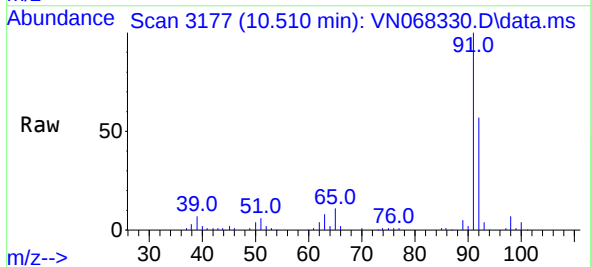
#50
Toluene-d8
Concen: 45.005 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion: 98 Resp: 876366
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#52
Toluene
Concen: 4.445 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.002 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

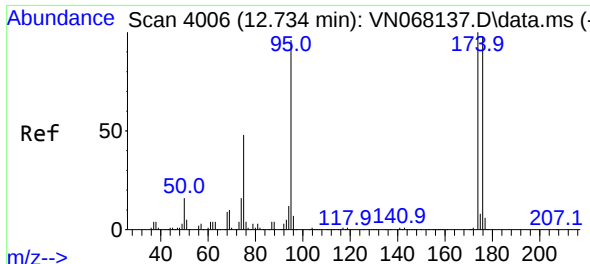
Tgt Ion: 92 Resp: 61542
Ion Ratio Lower Upper
92 100
91 175.7 139.6 209.4



Instrument :
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ClientSampled :
41987DL

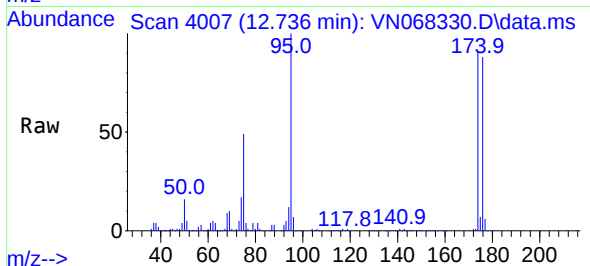
Manual Integrations
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#62
4-Bromofluorobenzene
Concen: 55.739 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

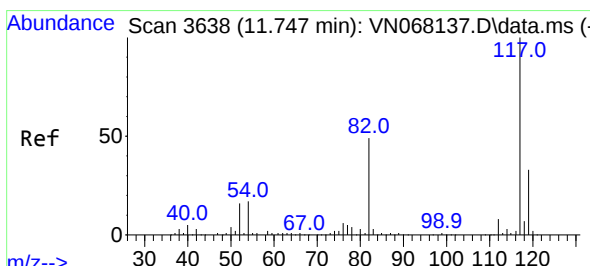
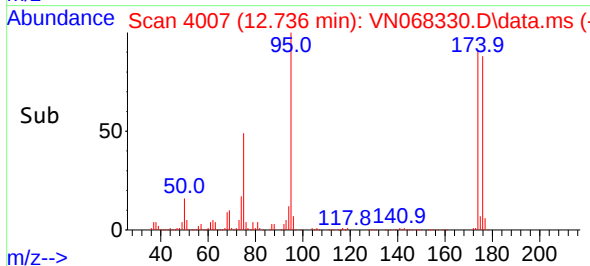
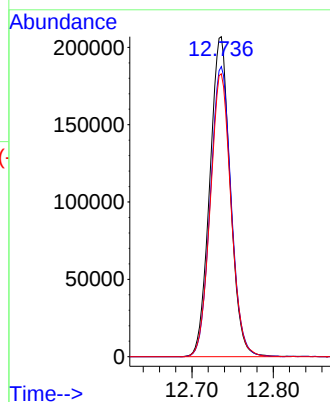
Instrument :
MSVOA_N
ClientSampled :
41987DL



Tgt Ion: 95 Resp: 361325
Ion Ratio Lower Upper
95 100
174 92.4 0.0 122.0
176 89.5 0.0 117.6

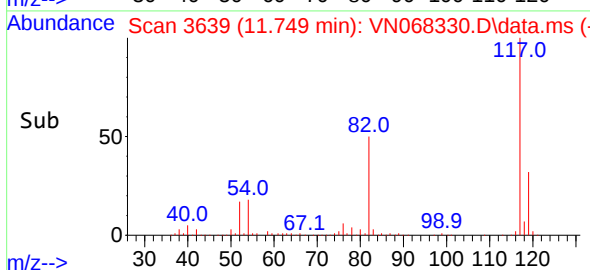
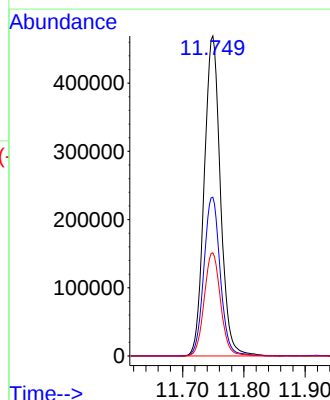
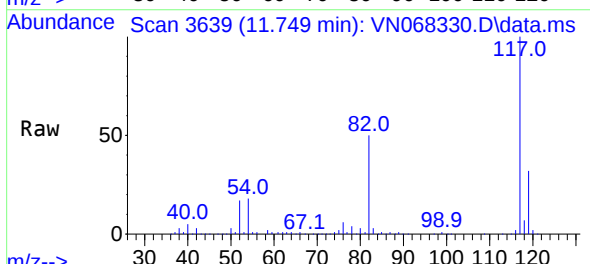
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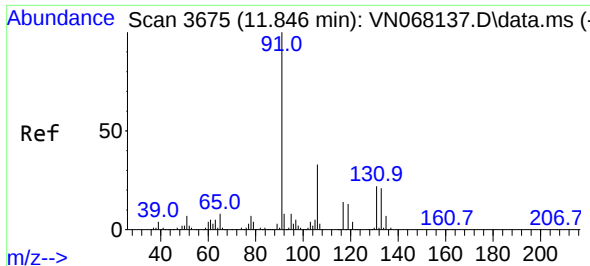
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

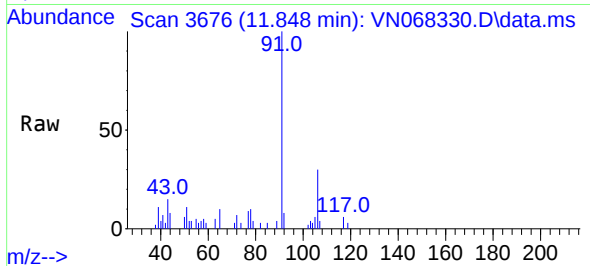
Tgt Ion: 117 Resp: 862389
Ion Ratio Lower Upper
117 100
82 49.6 53.1 79.7#
119 32.2 25.5 38.3





#67
Ethyl Benzene
Concen: 0.414 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

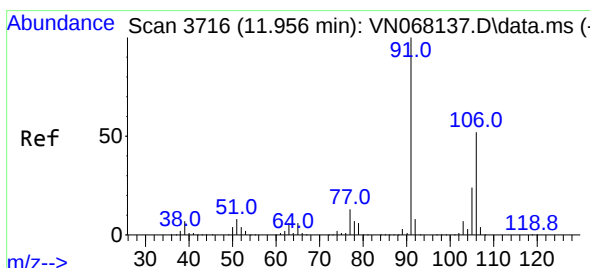
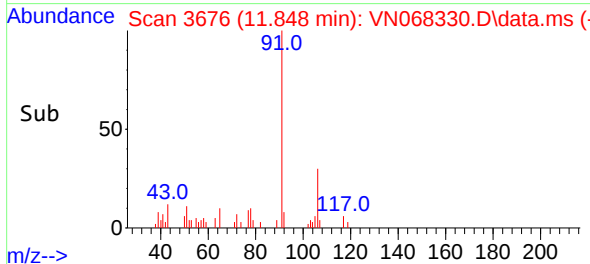
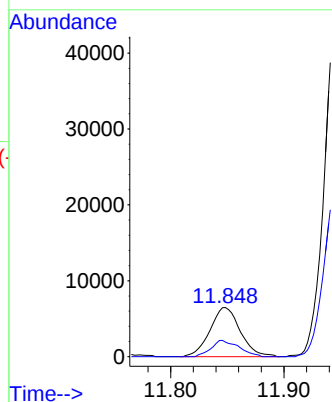
Instrument :
MSVOA_N
ClientSampleId :
41987DL



Tgt Ion: 91 Resp: 12060
Ion Ratio Lower Upper
91 100
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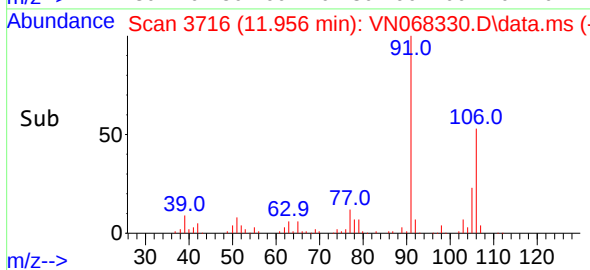
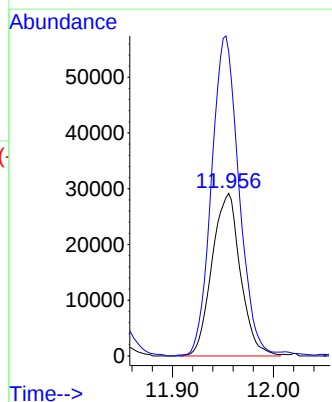
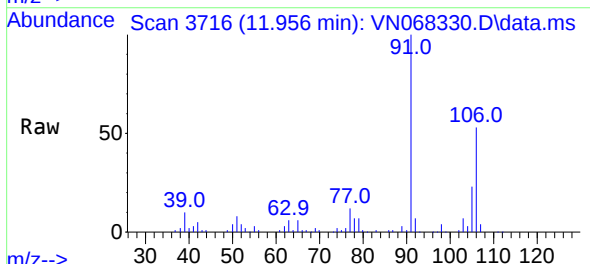
Manual Integrations
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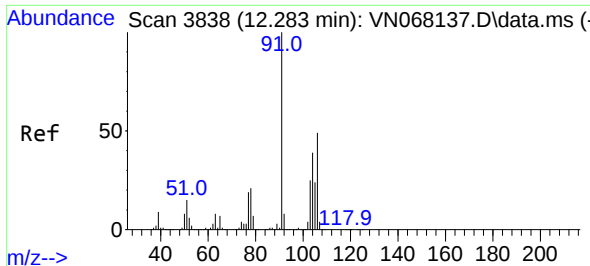
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#68
m/p-Xylenes
Concen: 4.885 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion: 106 Resp: 56912
Ion Ratio Lower Upper
106 100
91 190.7 180.6 270.8





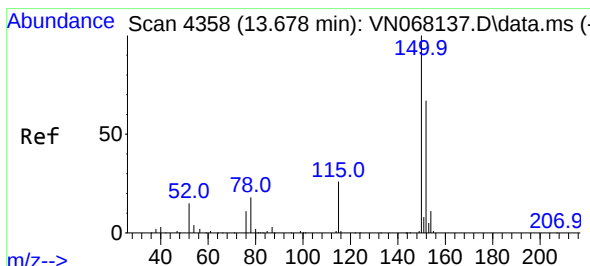
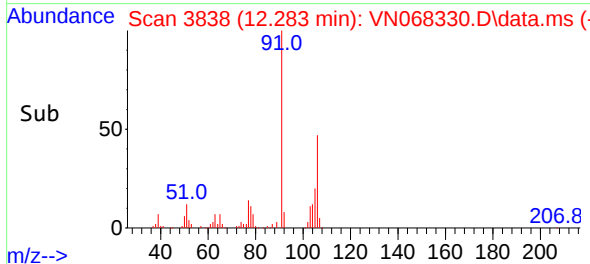
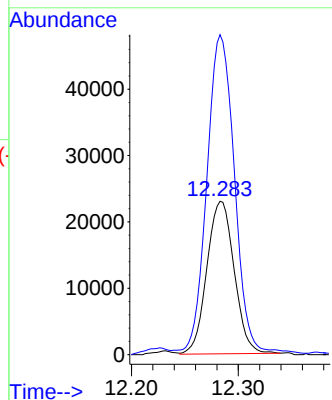
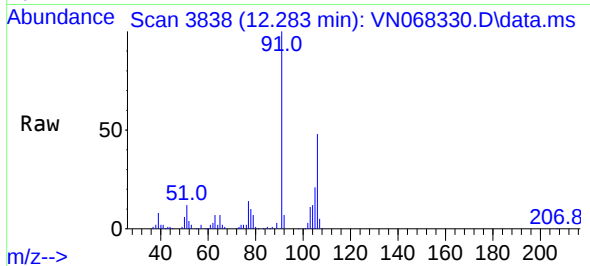
#69
o-Xylene
Concen: 3.627 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion:106 Resp: 40833
Ion Ratio Lower Upper
106 100
91 212.3 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
41987DL

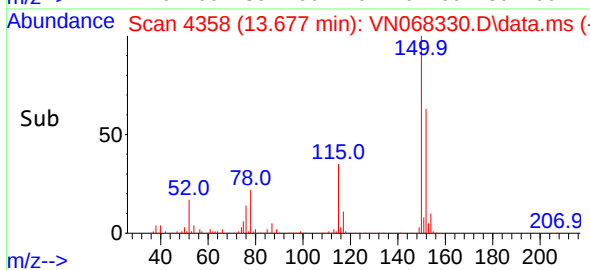
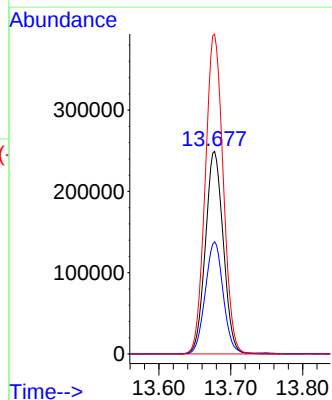
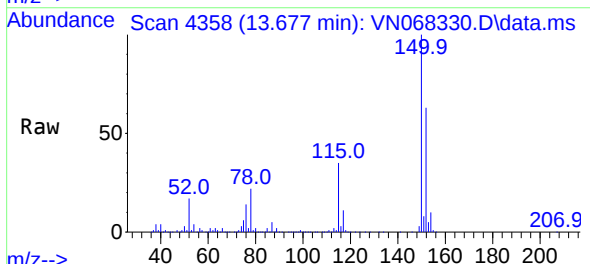
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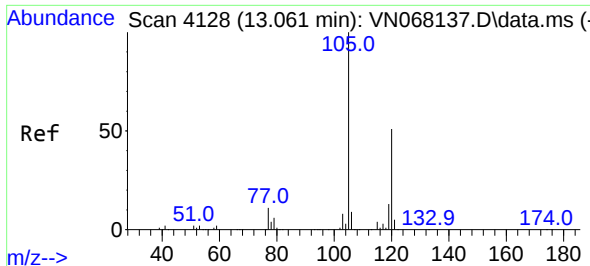
SAM
8/27/2021 1:34:44 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion:152 Resp: 431527
Ion Ratio Lower Upper
152 100
115 55.4 36.1 108.5
150 158.7 0.0 351.8





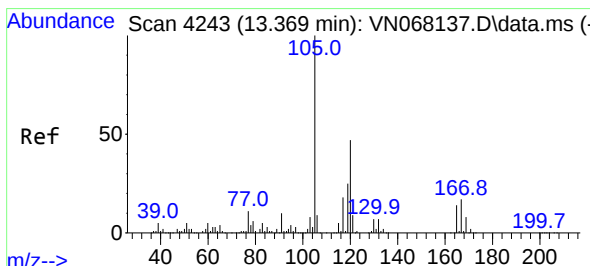
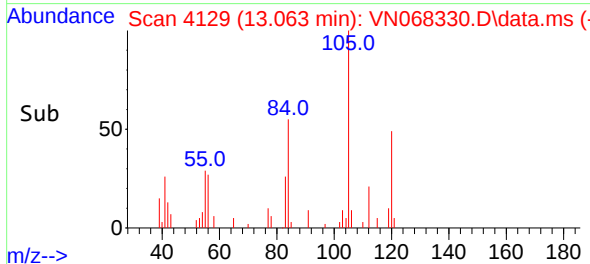
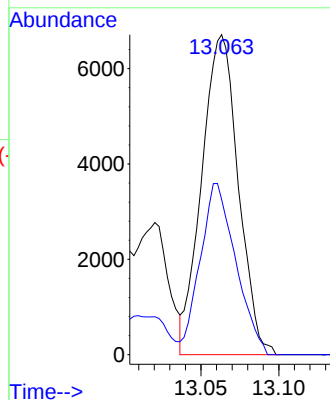
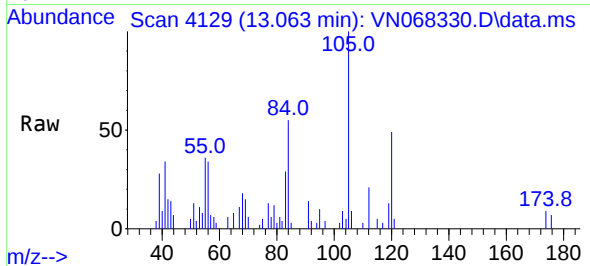
#80
1,3,5-Trimethylbenzene
Concen: 0.442 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion:105 Resp: 10962
Ion Ratio Lower Upper
105 100
120 52.0 22.2 66.6

Instrument :
MSVOA_N
ClientSampled :
41987DL

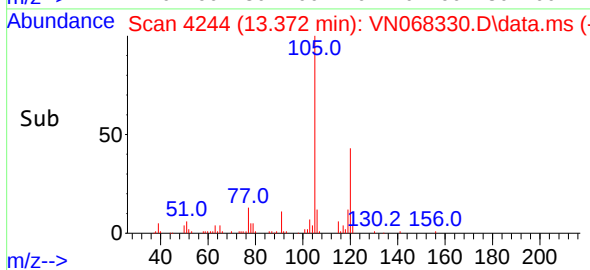
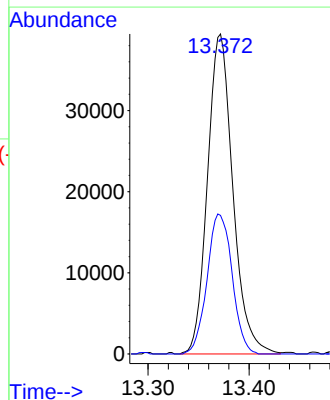
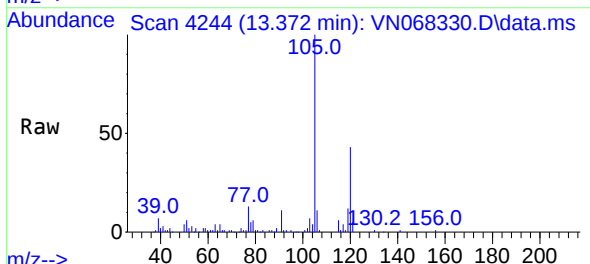
Manual Integrations
APPROVED

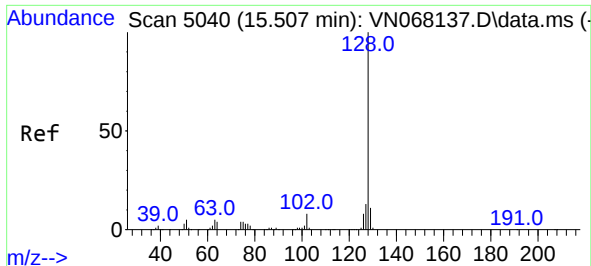
SAM
8/27/2021 1:34:44 PM



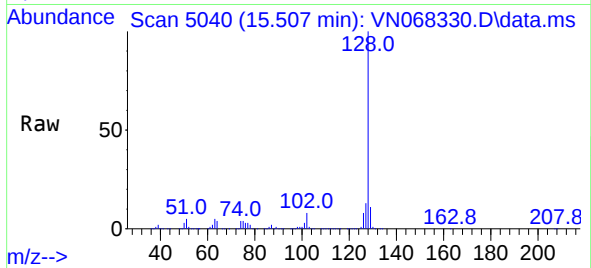
#84
1,2,4-Trimethylbenzene
Concen: 2.843 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57

Tgt Ion:105 Resp: 68899
Ion Ratio Lower Upper
105 100
120 43.1 20.6 61.8



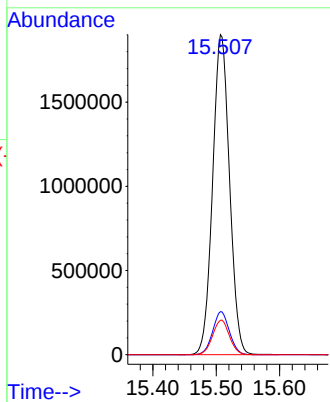
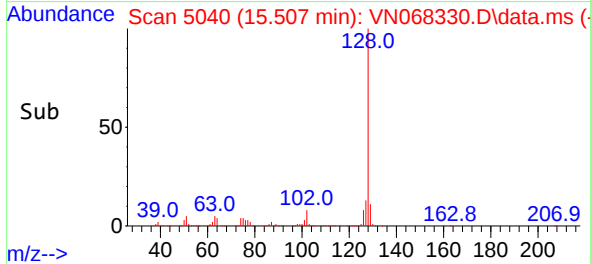


#95
Naphthalene
Concen: 197.125 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068330.D
Acq: 26 Aug 2021 19:57



Tgt Ion:128 Resp: 3517759

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.8	8.6	12.8



Instrument :
MSVOA_N
ClientSampleId :
41987DL

Manual Integrations
APPROVED

SAM
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