

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068329.D
 Acq On : 26 Aug 2021 19:32
 Operator : JC/MD
 Sample : M3529-02DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31114DL

Manual Integrations
 APPROVED

SAM
 8/27/2021 1:35:03 PM

Quant Time: Aug 27 06:54:52 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	491743	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	829935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	890323	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	458136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	271795	51.766	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.540%			
35) Dibromofluoromethane	8.024	113	253758	48.701	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.400%			
50) Toluene-d8	10.446	98	997711	50.252	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.734	95	404504	61.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.400%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.401	59	8701m	13.289	ug/l	
16) Acetone	4.299	43	87250	56.915	ug/l #	89
25) 2-Butanone	7.351	43	13053	5.464	ug/l #	73
40) Benzene	8.461	78	71703	3.463	ug/l	99
52) Toluene	10.508	92	91498	6.482	ug/l	98
67) Ethyl Benzene	11.846	91	34588	1.150	ug/l #	83
68) m/p-Xylenes	11.953	106	88650	7.370	ug/l	82
69) o-Xylene	12.283	106	47643	4.099	ug/l	82
70) Styrene	12.296	104	82197	4.419	ug/l #	90
78) n-propylbenzene	12.921	91	19513	0.558	ug/l	93
80) 1,3,5-Trimethylbenzene	13.063	105	39650	1.504	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	136235	5.294	ug/l	93
95) Naphthalene	15.509	128	3997965	210.787	ug/l	99

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

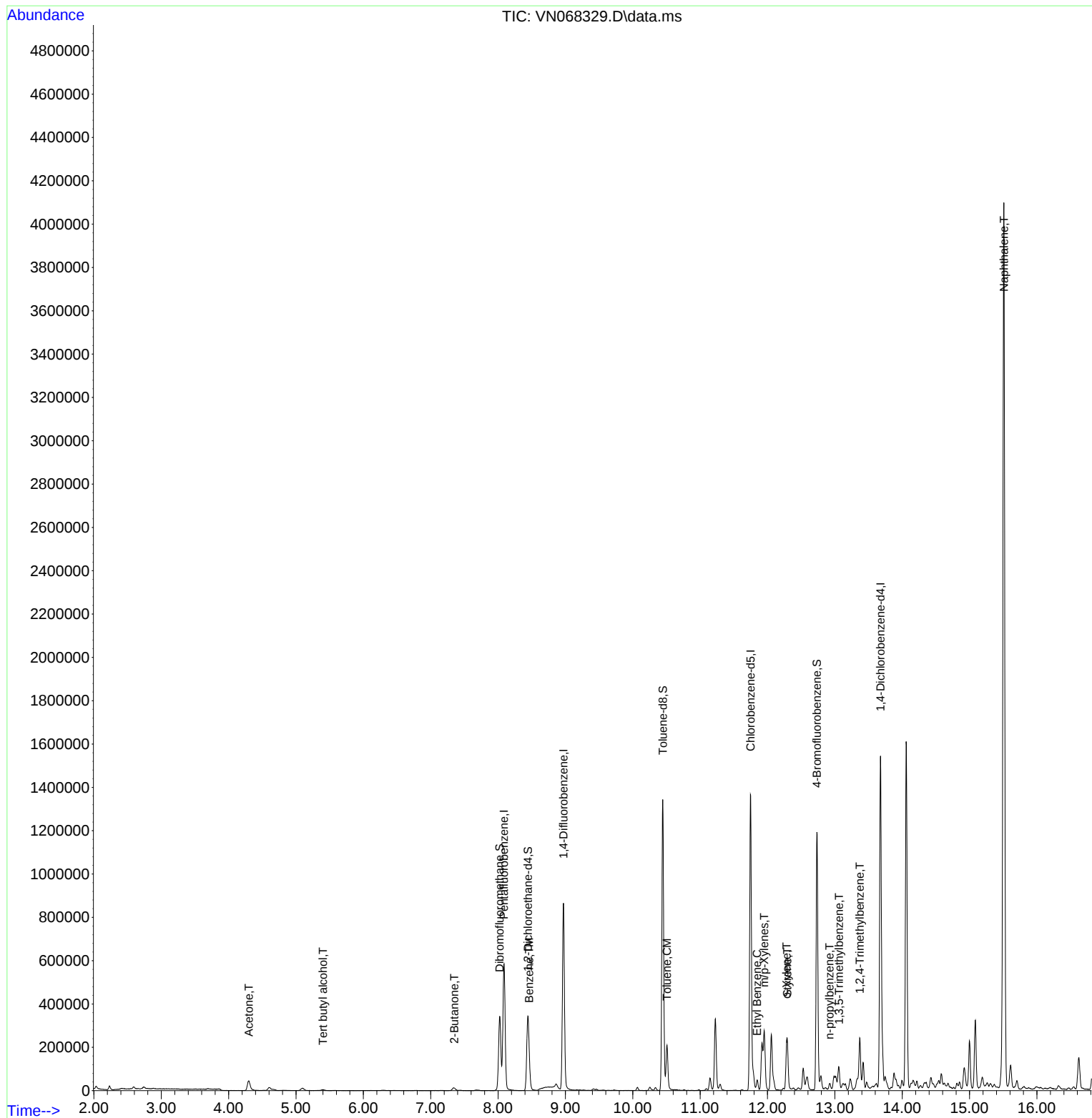
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Data File : VN068329.D
Acq On : 26 Aug 2021 19:32
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

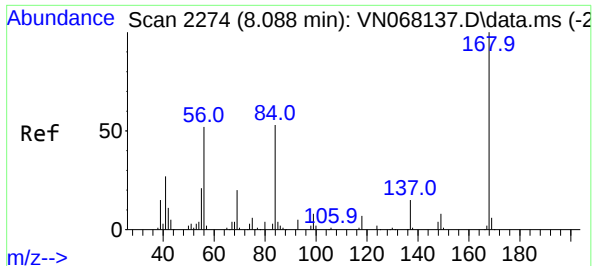
Instrument :
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Quant Time: Aug 27 06:54:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
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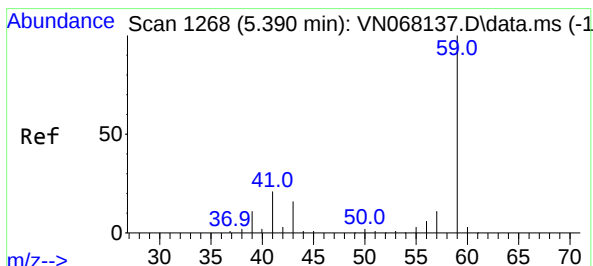
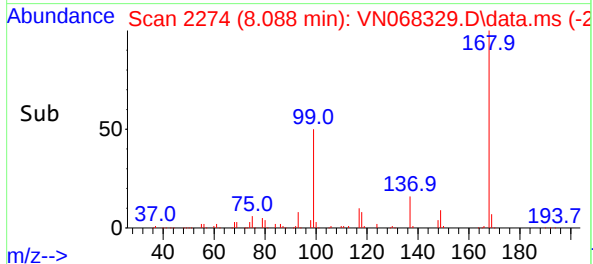
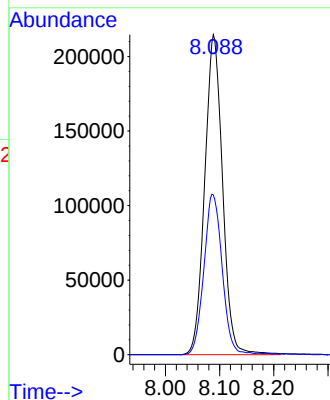
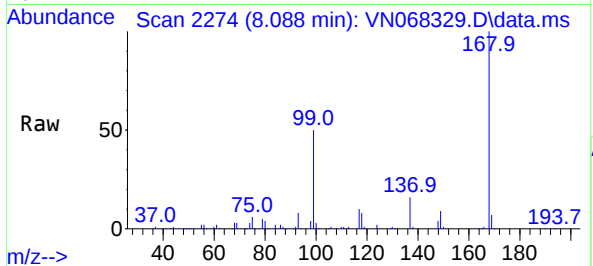
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

Tgt Ion: 168 Resp: 491743
Ion Ratio Lower Upper
168 100
99 49.9 62.9 94.3#

Instrument :
MSVOA_N
ClientSampled :
31114DL

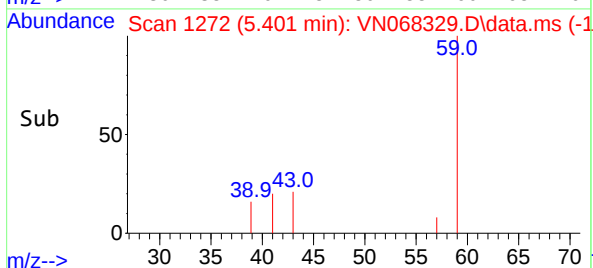
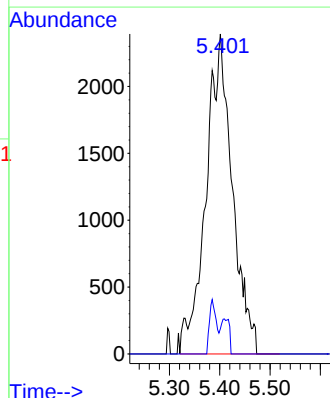
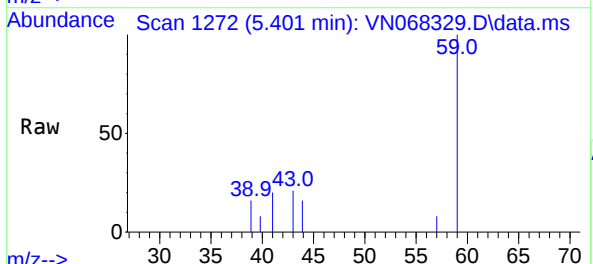
Manual Integrations
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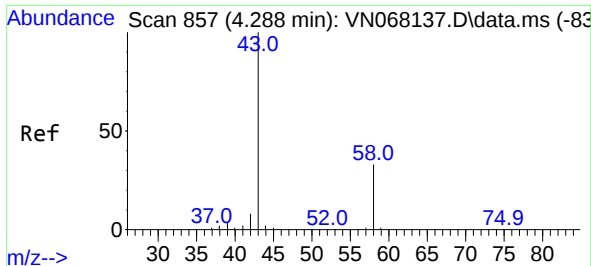
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#11
Tert butyl alcohol
Concen: 13.289 ug/l m
RT: 5.401 min Scan# 1272
Delta R.T. 0.011 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

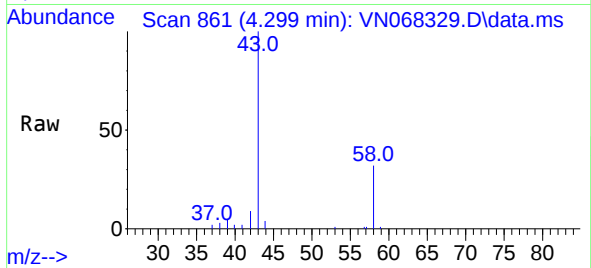
Tgt Ion: 59 Resp: 8701
Ion Ratio Lower Upper
59 100
57 4.4 8.7 13.1#





#16
Acetone
Concen: 56.915 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

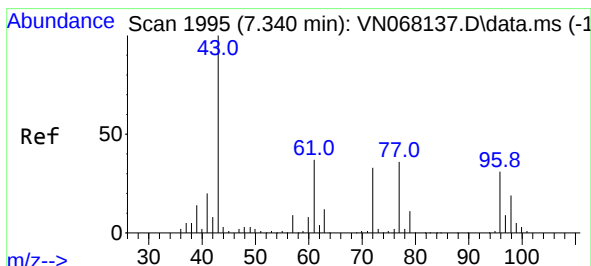
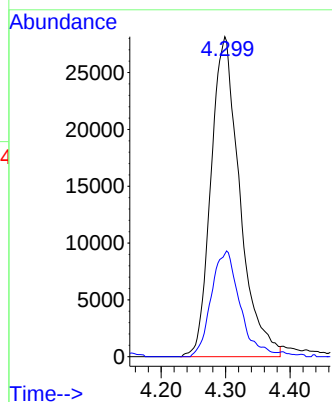
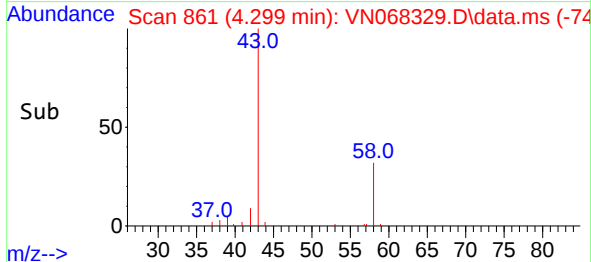
Instrument :
MSVOA_N
ClientSampled :
31114DL



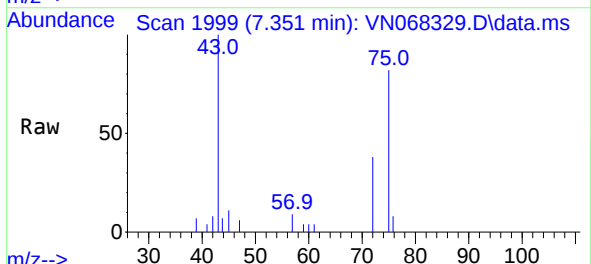
Tgt Ion: 43 Resp: 87250
Ion Ratio Lower Upper
43 100
58 32.1 21.2 31.8#

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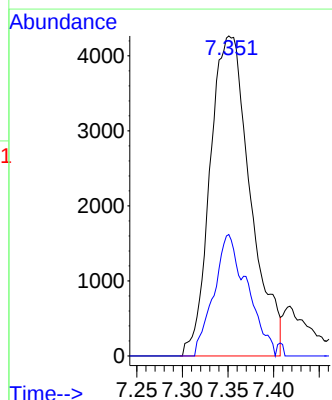
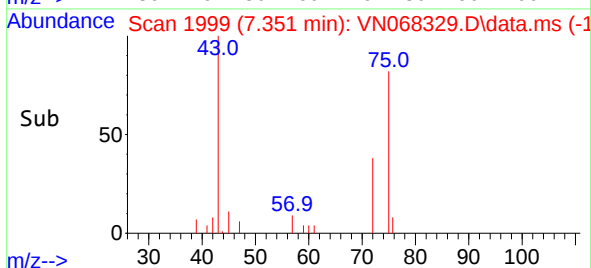
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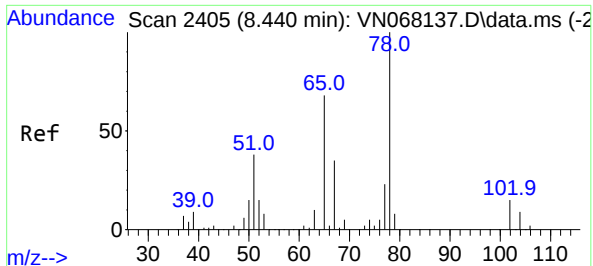


#25
2-Butanone
Concen: 5.464 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32



Tgt Ion: 43 Resp: 13053
Ion Ratio Lower Upper
43 100
72 37.9 19.7 29.5#





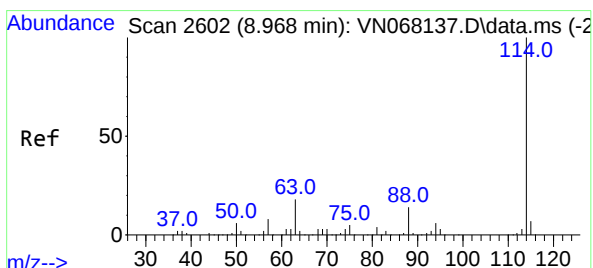
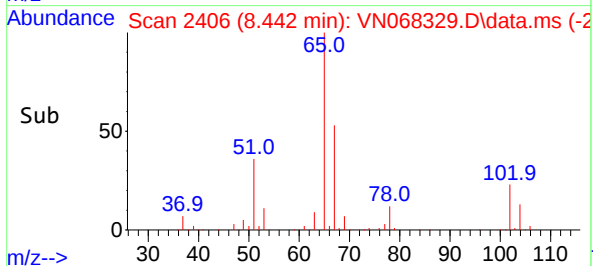
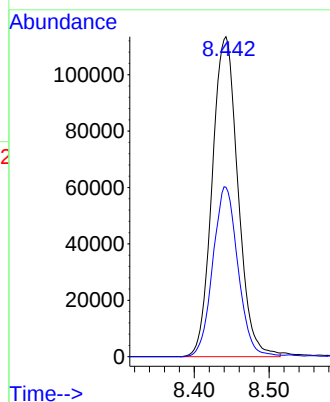
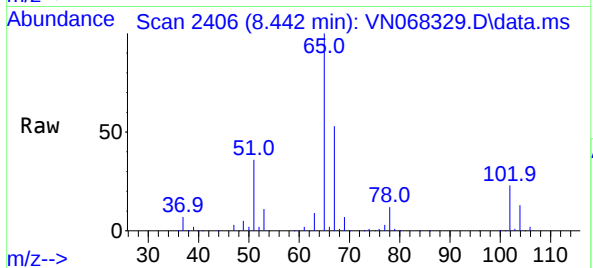
#33
1,2-Dichloroethane-d4
Concen: 51.766 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

Tgt Ion: 65 Resp: 271795
Ion Ratio Lower Upper
65 100
67 51.8 0.0 98.6

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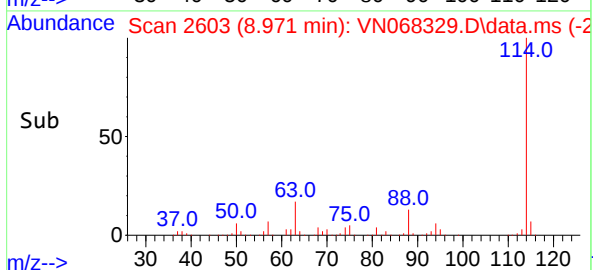
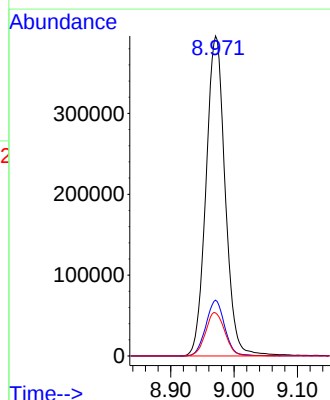
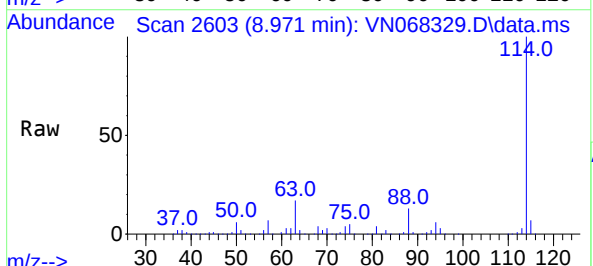
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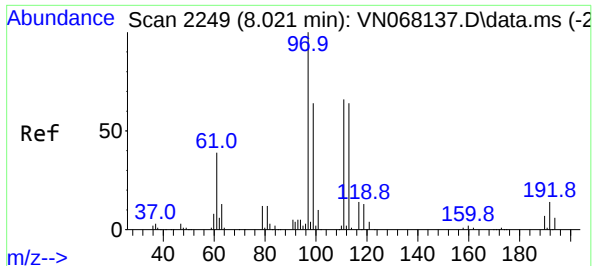
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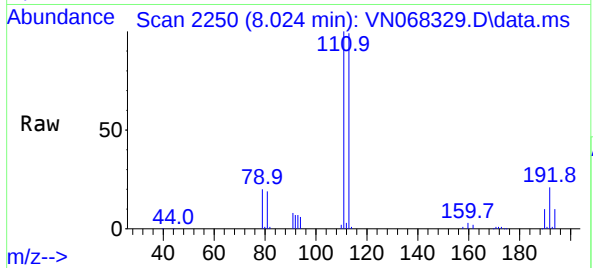
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

Tgt Ion: 114 Resp: 829935
Ion Ratio Lower Upper
114 100
63 17.5 0.0 49.0
88 13.5 0.0 36.6

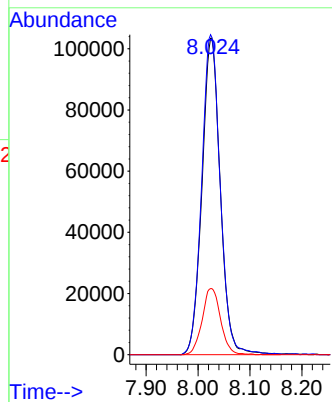
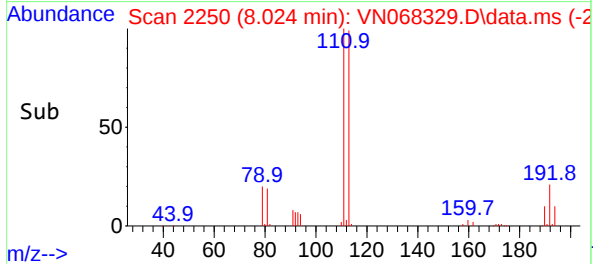




#35
Dibromofluoromethane
Concen: 48.701 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32



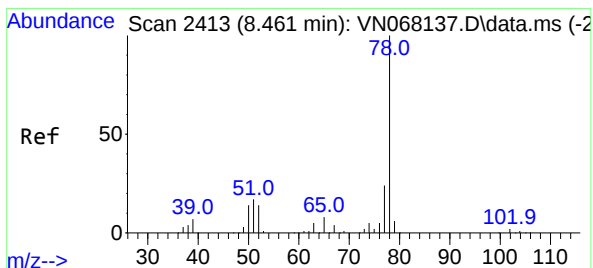
Tgt Ion: 113 Resp: 253758
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.8
192 21.0 13.4 20.0#



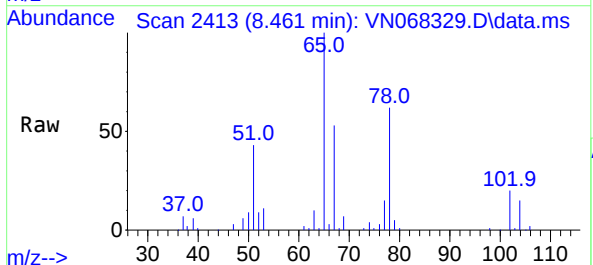
Instrument :
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ClientSampled :
31114DL

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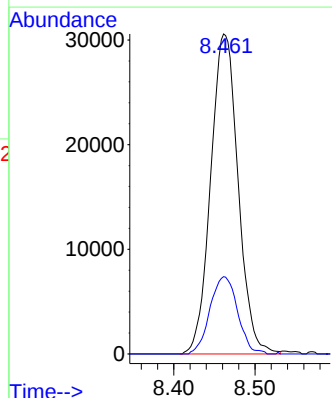
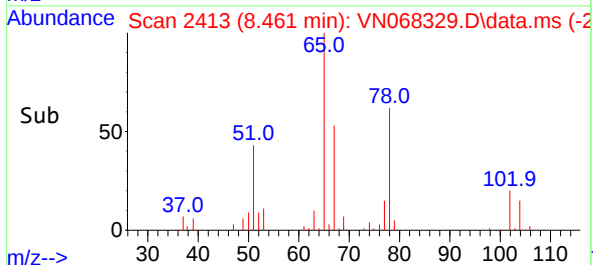
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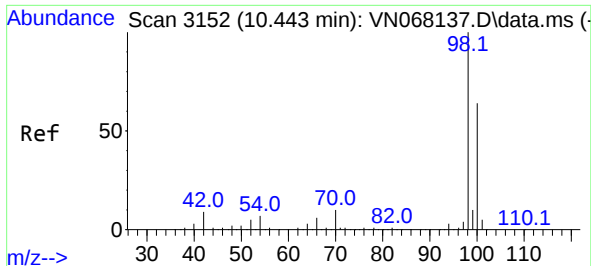


#40
Benzene
Concen: 3.463 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32



Tgt Ion: 78 Resp: 71703
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3





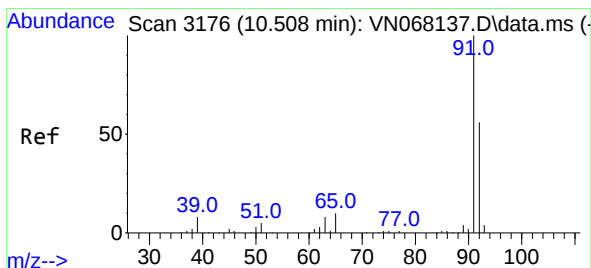
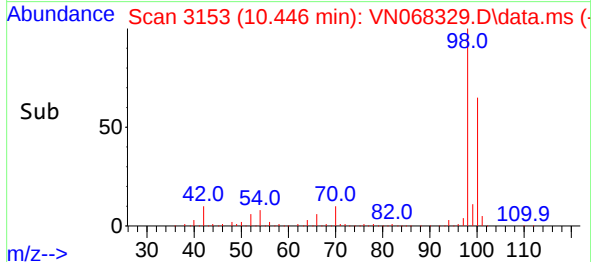
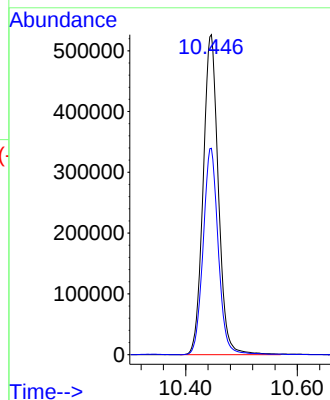
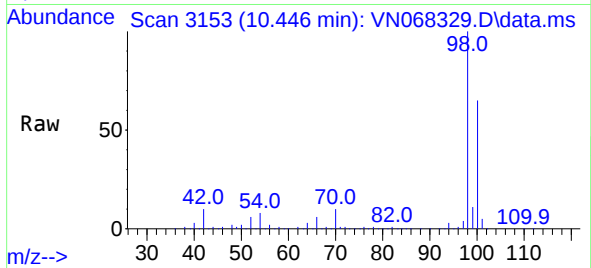
#50
Toluene-d8
Concen: 50.252 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

Tgt Ion: 98 Resp: 997711
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

Instrument :
MSVOA_N
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31114DL

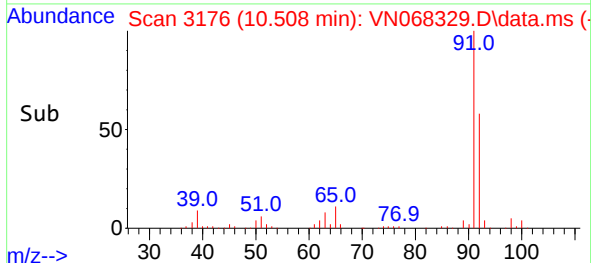
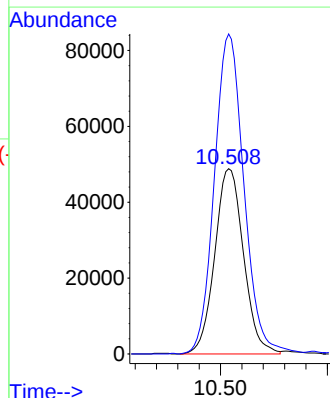
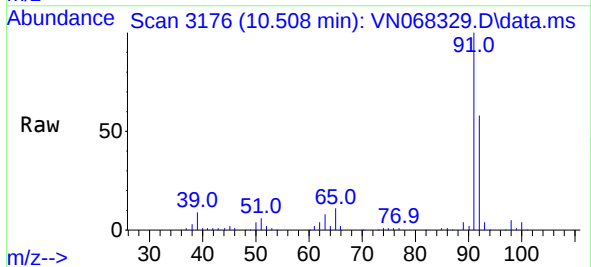
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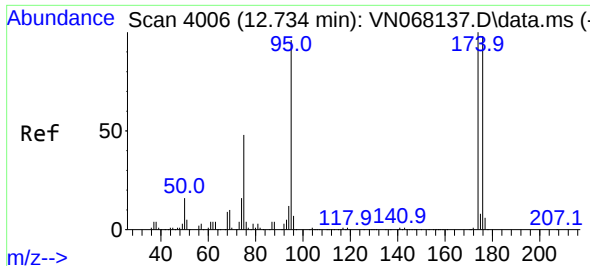
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#52
Toluene
Concen: 6.482 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

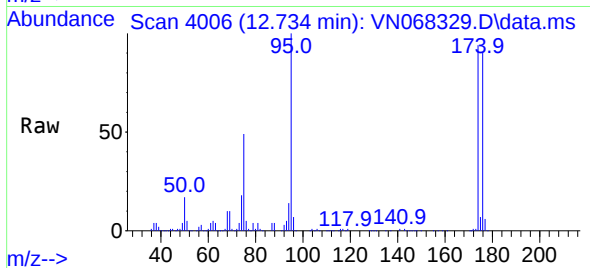
Tgt Ion: 92 Resp: 91498
Ion Ratio Lower Upper
92 100
91 177.4 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 61.202 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

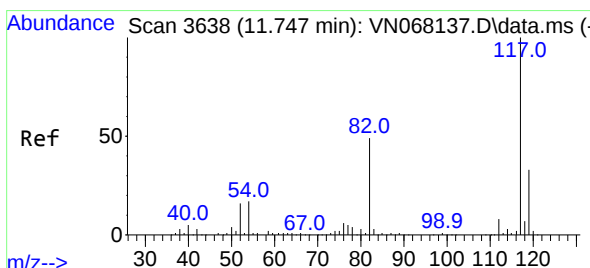
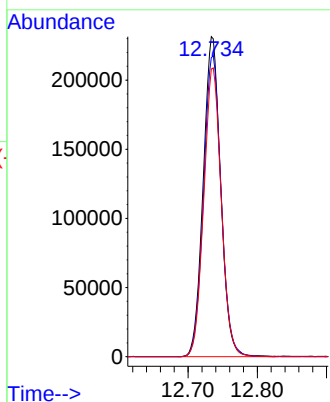
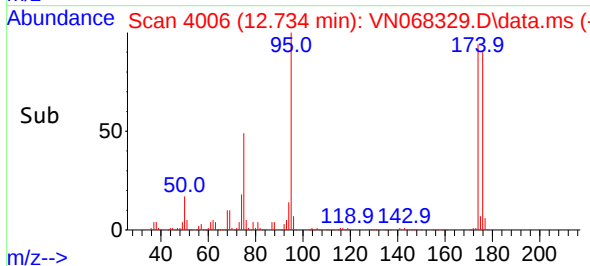
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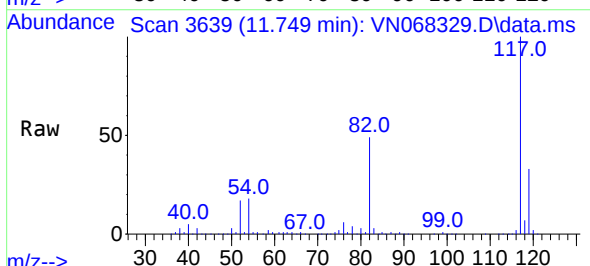
Tgt Ion: 95 Resp: 404504
Ion Ratio Lower Upper
95 100
174 95.1 0.0 122.0
176 90.7 0.0 117.6

Manual Integrations
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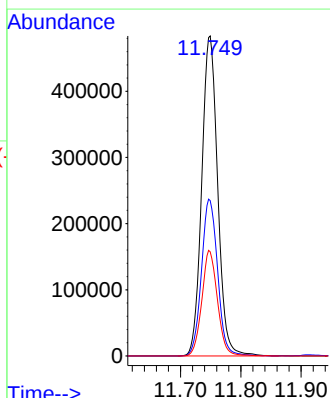
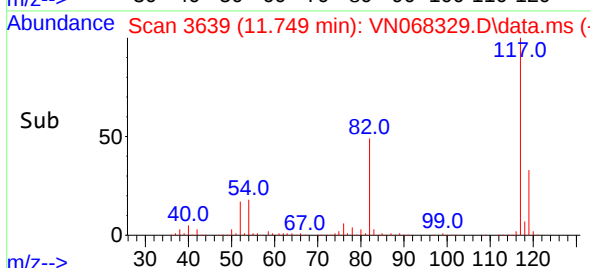
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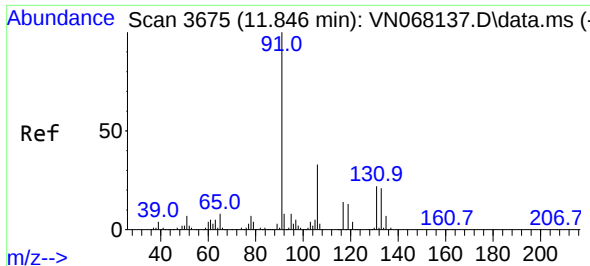


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32



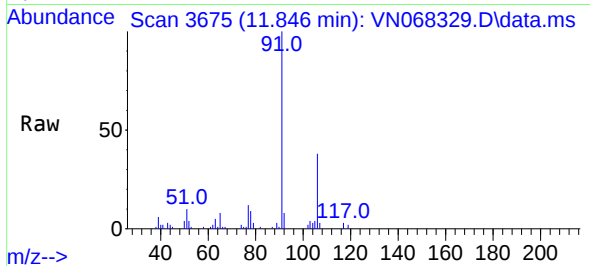
Tgt Ion: 117 Resp: 890323
Ion Ratio Lower Upper
117 100
82 48.6 53.1 79.7#
119 32.6 25.5 38.3





#67
Ethyl Benzene
Concen: 1.150 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

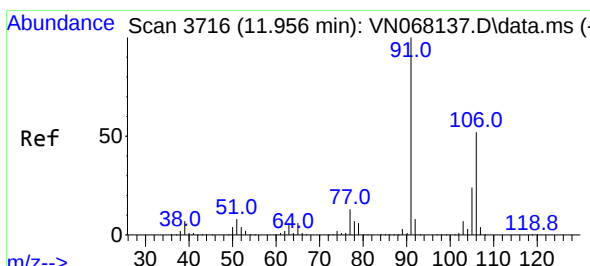
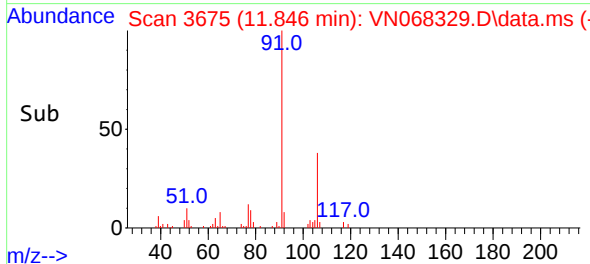
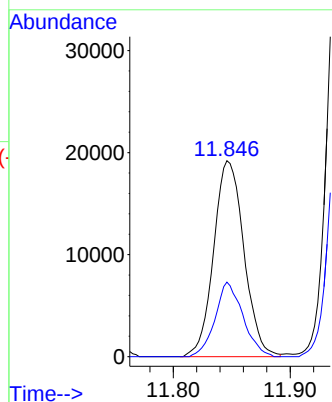
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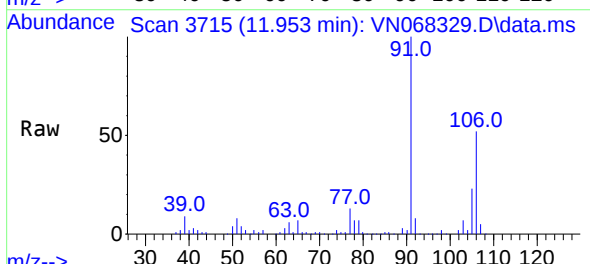
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Ion Ratio Lower Upper
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106 38.1 23.4 35.0#

Manual Integrations
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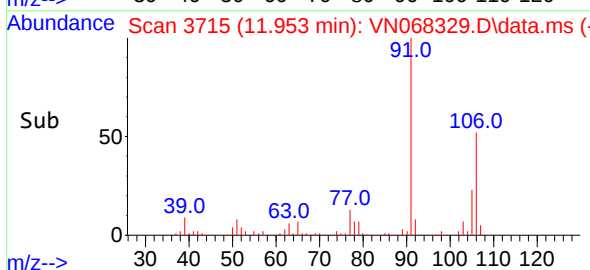
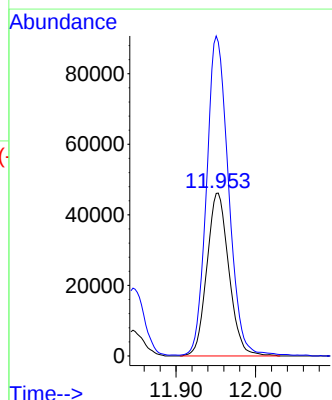
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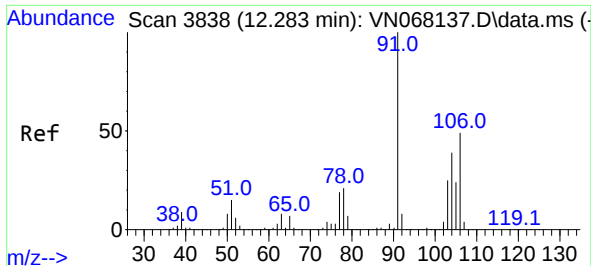


#68
m/p-Xylenes
Concen: 7.370 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32



Tgt Ion: 106 Resp: 88650
Ion Ratio Lower Upper
106 100
91 195.7 180.6 270.8





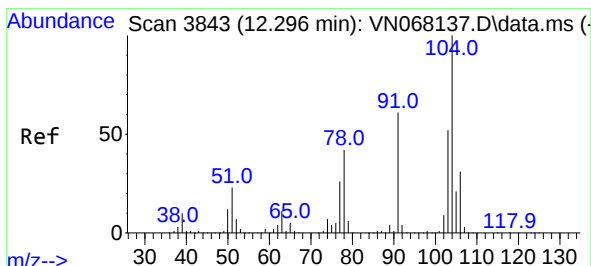
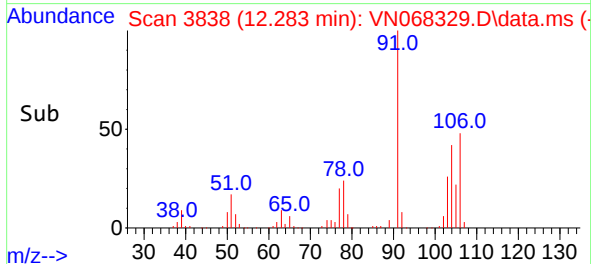
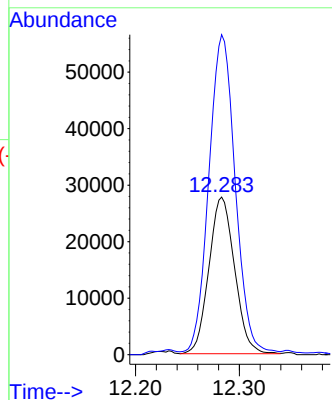
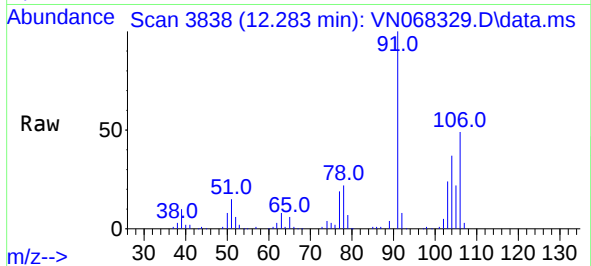
#69
o-Xylene
Concen: 4.099 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

Tgt Ion:106 Resp: 47643
Ion Ratio Lower Upper
106 100
91 205.5 118.3 354.9

Instrument :
MSVOA_N
ClientSampled :
31114DL

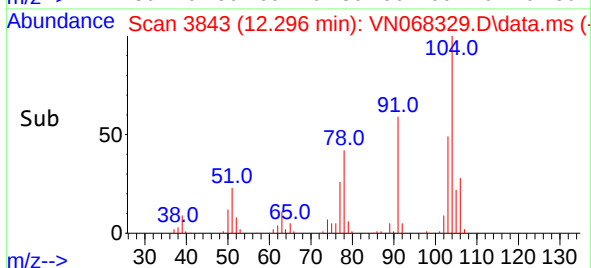
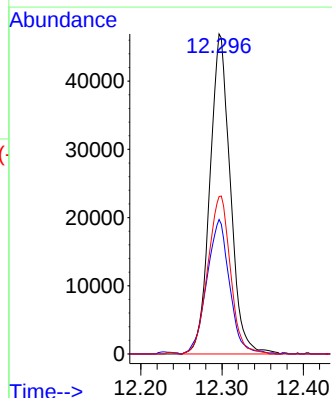
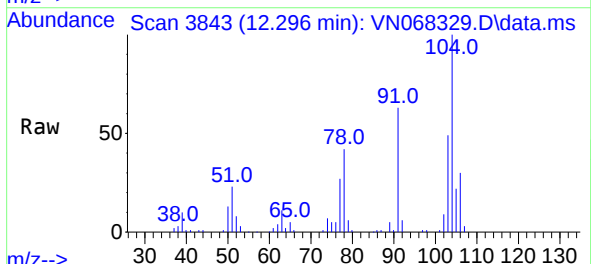
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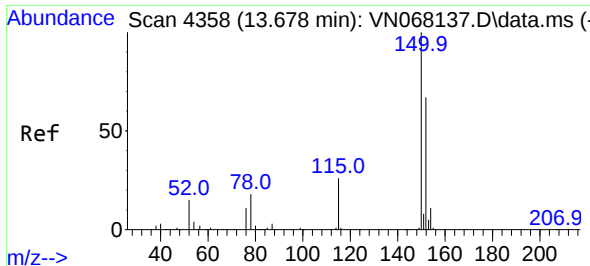
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#70
Styrene
Concen: 4.419 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

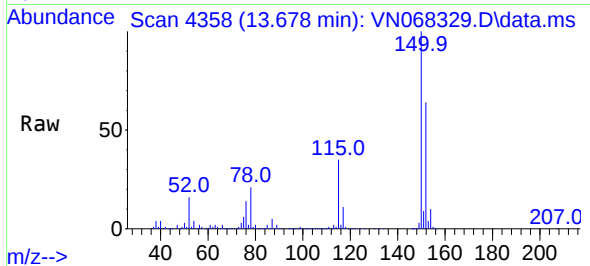
Tgt Ion:104 Resp: 82197
Ion Ratio Lower Upper
104 100
78 46.7 48.2 72.2#
103 54.6 44.5 66.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

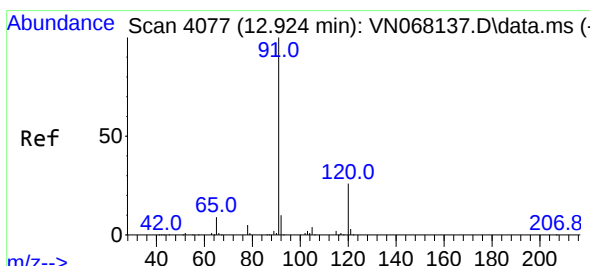
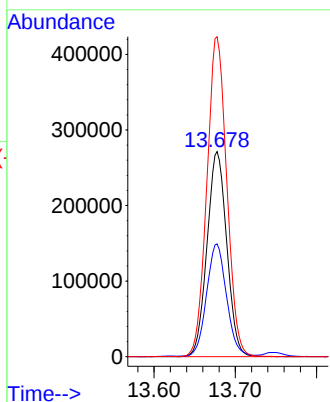
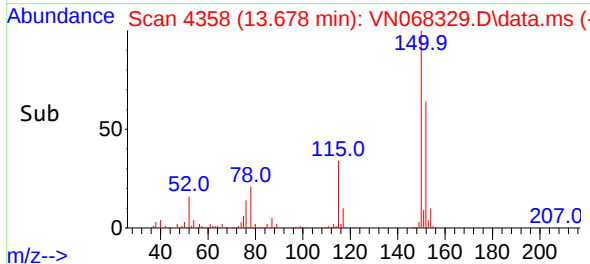
Instrument :
MSVOA_N
ClientSampleId :
31114DL



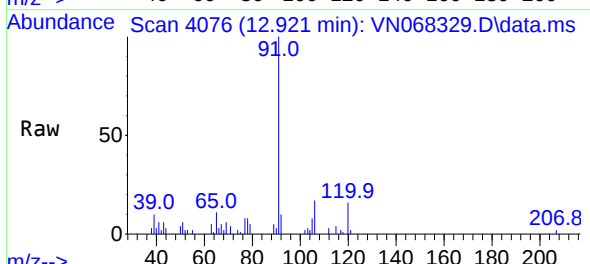
Tgt Ion:152 Resp: 458136
Ion Ratio Lower Upper
152 100
115 55.3 36.1 108.5
150 157.1 0.0 351.8

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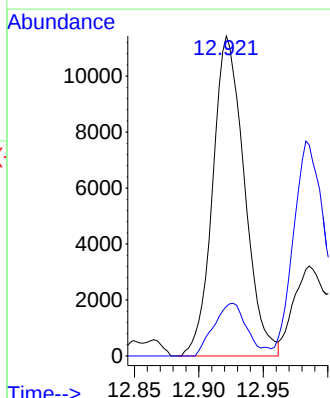
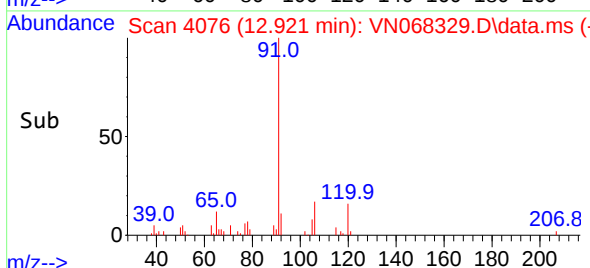
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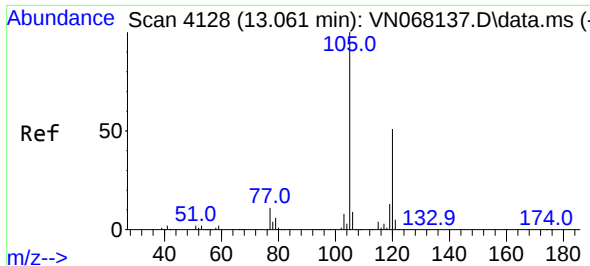


#78
n-propylbenzene
Concen: 0.558 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32



Tgt Ion: 91 Resp: 19513
Ion Ratio Lower Upper
91 100
120 17.4 10.4 31.4





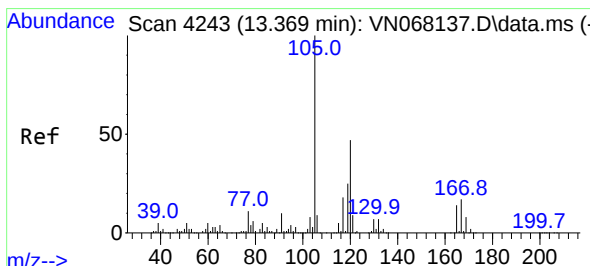
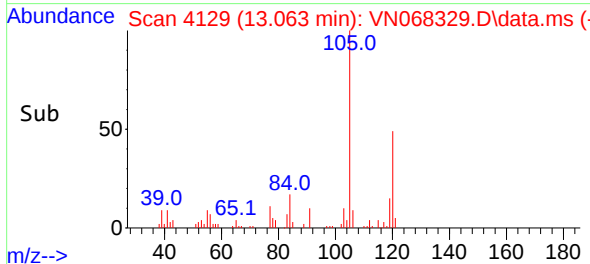
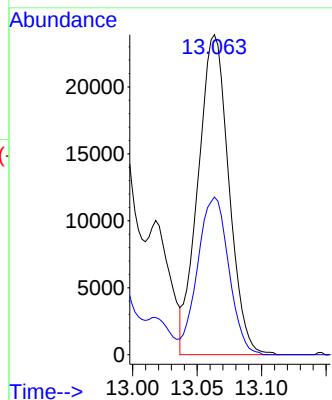
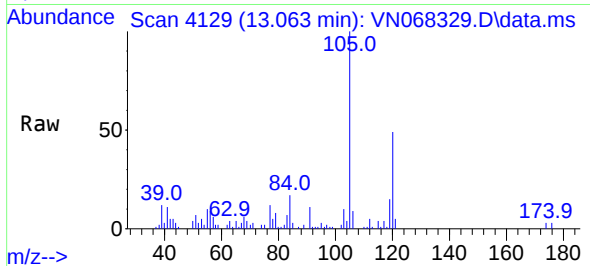
#80
1,3,5-Trimethylbenzene
Concen: 1.504 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

Tgt Ion:105 Resp: 39650
Ion Ratio Lower Upper
105 100
120 50.3 22.2 66.6

Instrument :
MSVOA_N
ClientSampled :
31114DL

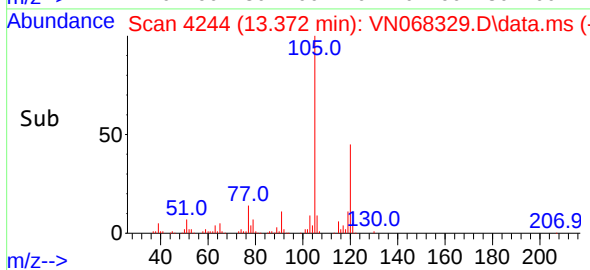
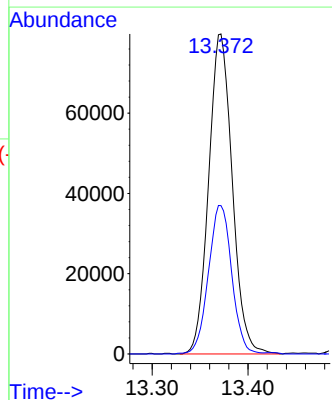
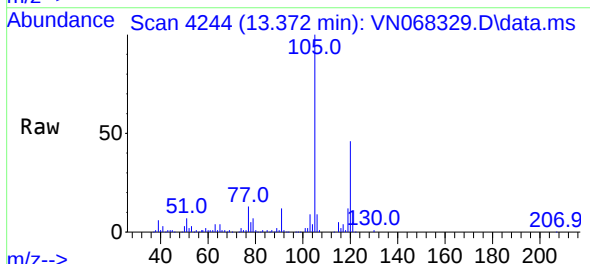
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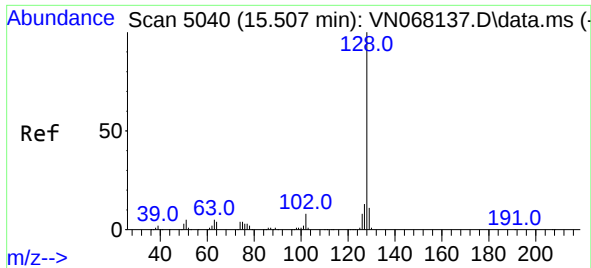
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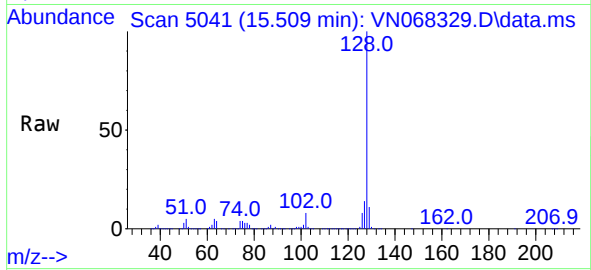
#84
1,2,4-Trimethylbenzene
Concen: 5.294 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32

Tgt Ion:105 Resp: 136235
Ion Ratio Lower Upper
105 100
120 45.8 20.6 61.8



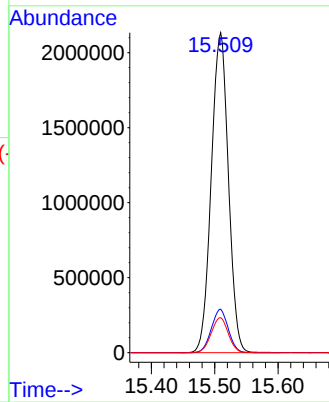
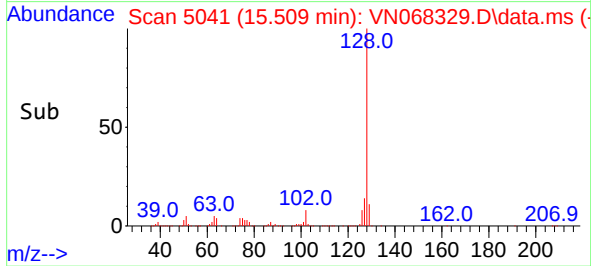


#95
Naphthalene
Concen: 210.787 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068329.D
Acq: 26 Aug 2021 19:32



Tgt Ion:128 Resp: 3997965

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.9	8.6	12.8



Instrument :
MSVOA_N
ClientSampleId :
31114DL

Manual Integrations
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