

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065645.D
 Acq On : 28 Jan 2021 13:16
 Operator : JC/MD
 Sample : M1273-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP-110

Manual Integrations
 APPROVED

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 1/29/2021 12:00:13 PM

Quant Time: Jan 29 01:22:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	212773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	371187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	321255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	120763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	135840	48.53	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.06%		
35) Dibromofluoromethane	7.550	113	108708	49.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.84%		
50) Toluene-d8	10.058	98	463140	53.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.12%		
62) 4-Bromofluorobenzene	12.373	95	152884	49.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.20%		
Target Compounds						Qvalue
16) Acetone	3.782	43	4405	4.04	ug/l	88
30) Chloroform	7.328	83	19804	4.11	ug/l	92
39) Methylcyclohexane	9.042	83	1176	0.26	ug/l	98
67) Ethyl Benzene	11.483	91	5581	0.44	ug/l	97
68) m/p-Xylenes	11.595	106	1020	0.22	ug/l	99
69) o-Xylene	11.917	106	11902	2.69	ug/l	92
73) Isopropylbenzene	12.219	105	9388	0.89	ug/l	95
78) n-propylbenzene	12.563	91	11531	0.93	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	24886	2.76	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	40777	4.54	ug/l	98
85) sec-Butylbenzene	13.142	105	7111	0.70	ug/l	99
86) p-Isopropyltoluene	13.261	119	7663	0.86	ug/l	97
89) n-Butylbenzene	13.585	91	3219m	0.40	ug/l	
95) Naphthalene	15.100	128	8239	4.43	ug/l #	86

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

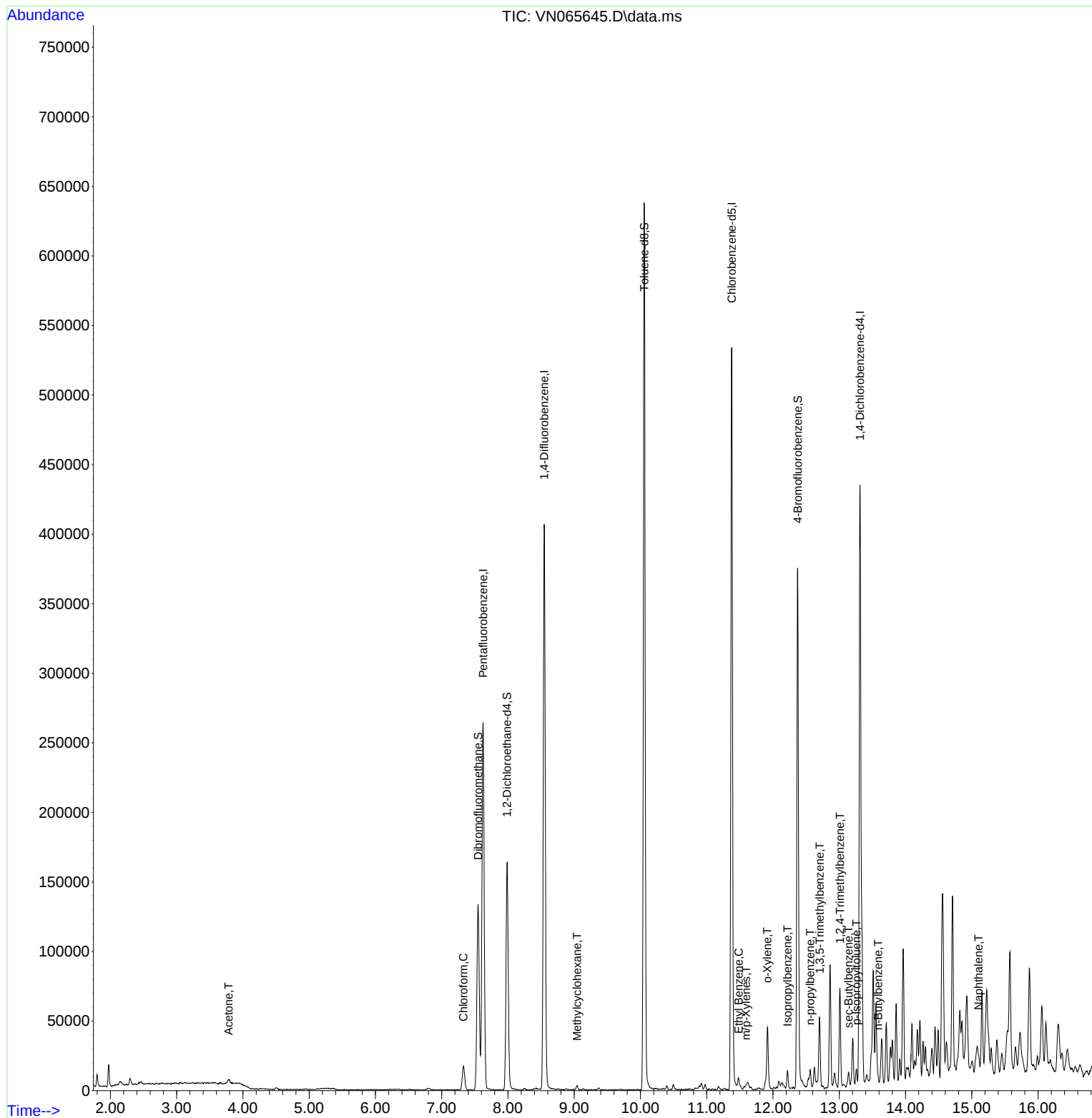
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Data File : VN065645.D
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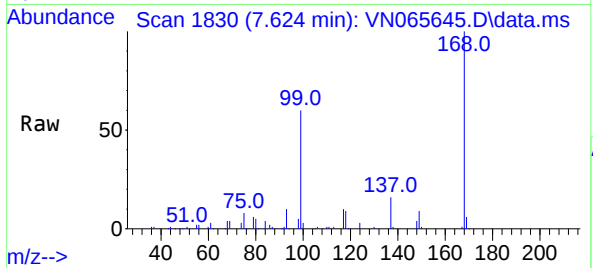
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Quant Time: Jan 29 01:22:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
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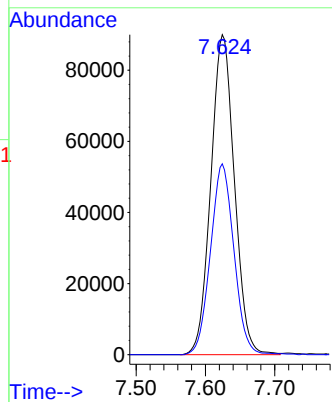
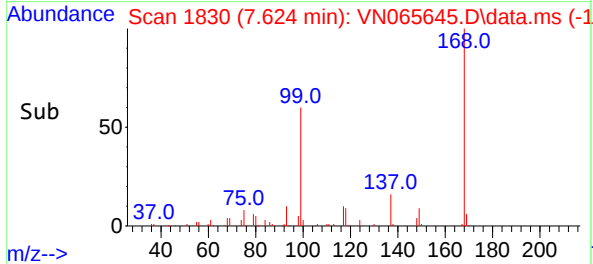




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16



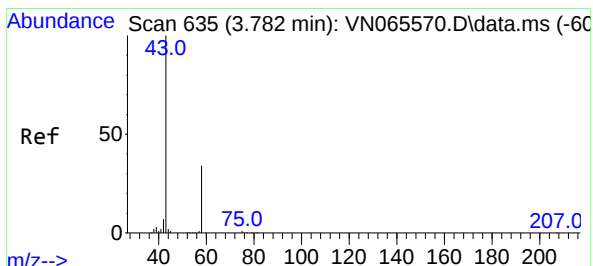
Tgt Ion:168 Resp: 212773
Ion Ratio Lower Upper
168 100
99 59.7 42.6 63.8



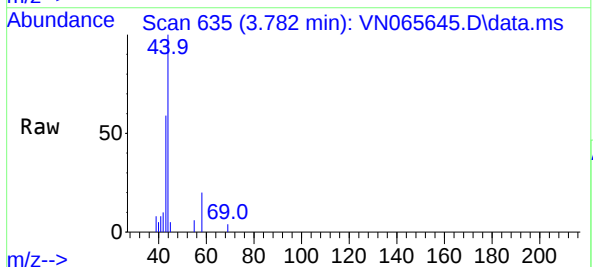
Instrument :
MSVOA_N
ClientSampled :
WP-110

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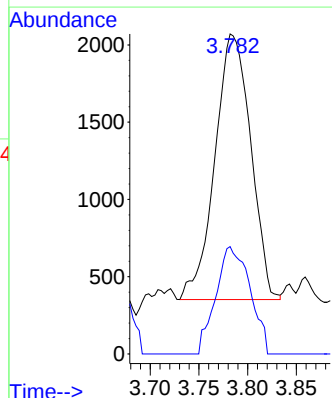
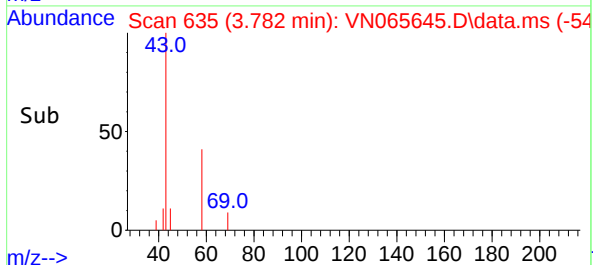
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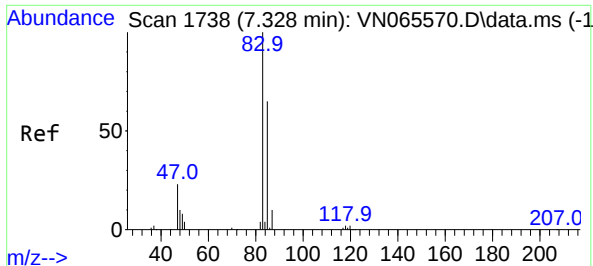


#16
Acetone
Concen: 4.04 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16



Tgt Ion: 43 Resp: 4405
Ion Ratio Lower Upper
43 100
58 40.4 27.0 40.6





#30

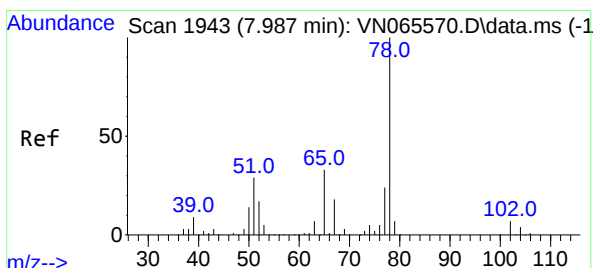
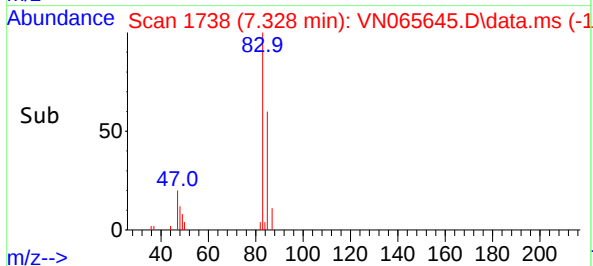
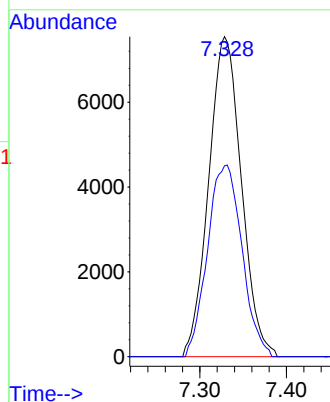
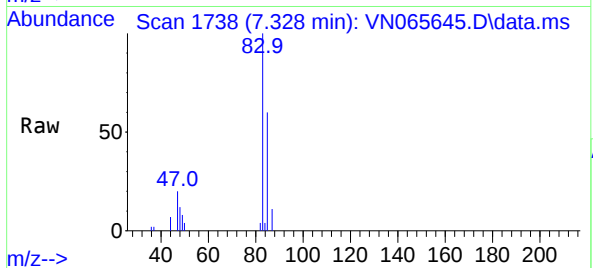
Chloroform
Concen: 4.11 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion: 83 Resp: 19804
Ion Ratio Lower Upper
83 100
85 59.6 52.6 78.8

Instrument :
MSVOA_N
ClientSampled :
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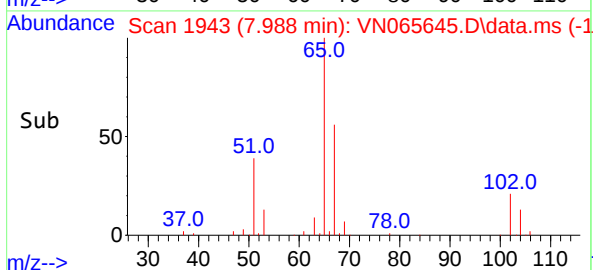
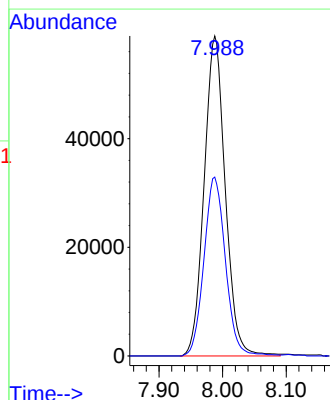
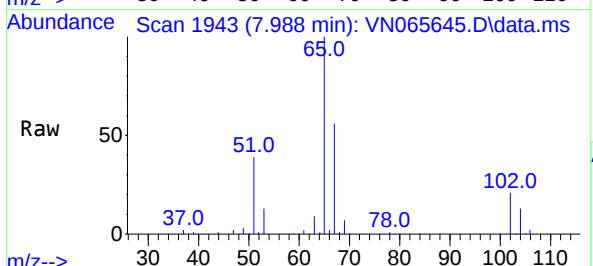
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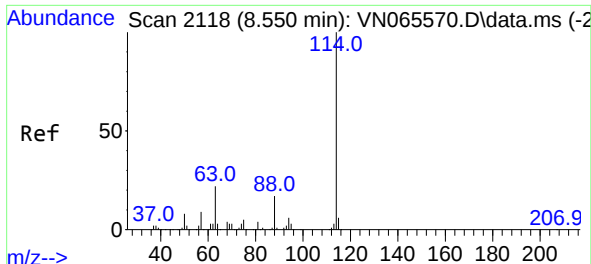


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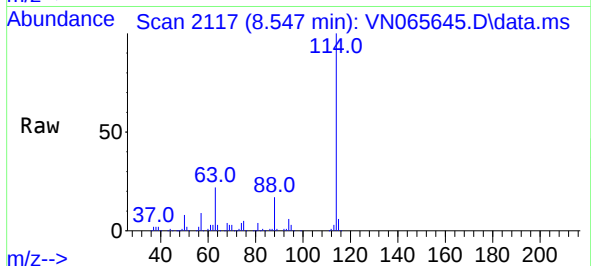
1,2-Dichloroethane-d4
Concen: 48.53 ug/l
RT: 7.988 min Scan# 1943
Delta R.T. 0.001 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion: 65 Resp: 135840
Ion Ratio Lower Upper
65 100
67 56.8 0.0 107.2

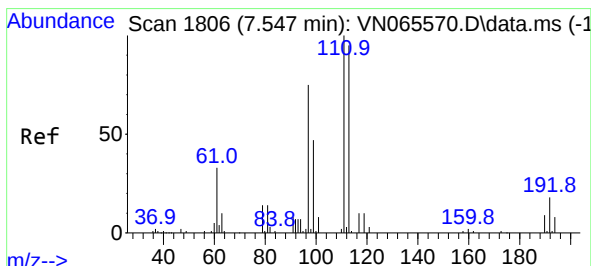
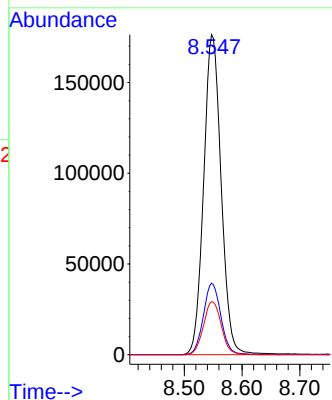
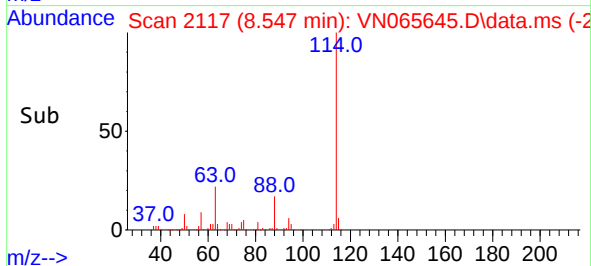




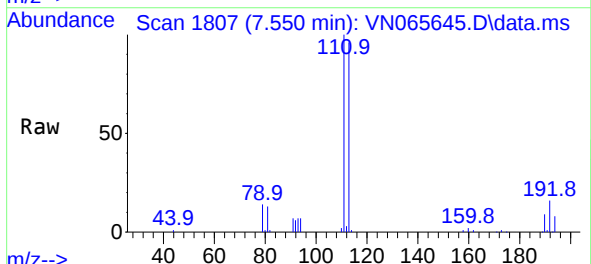
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16



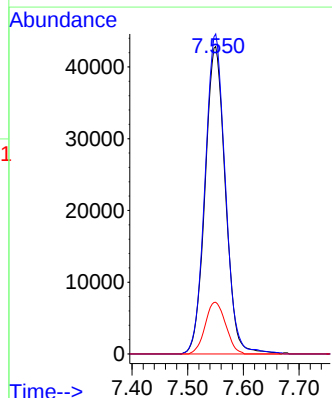
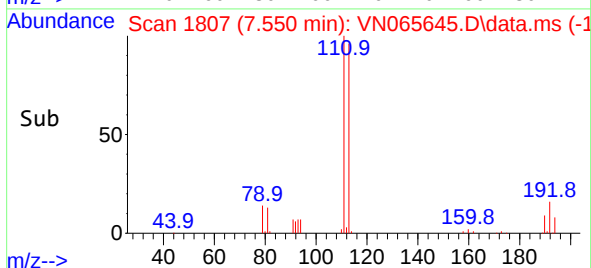
Tgt Ion:114 Resp: 371187
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.6
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.42 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16



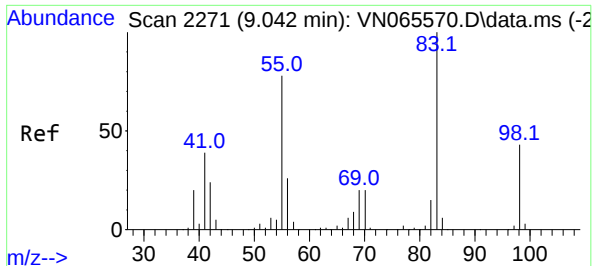
Tgt Ion:113 Resp: 108708
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 17.0 15.4 23.0



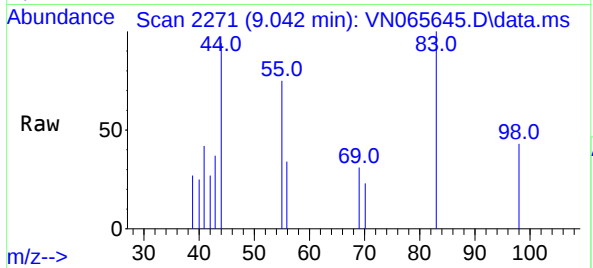
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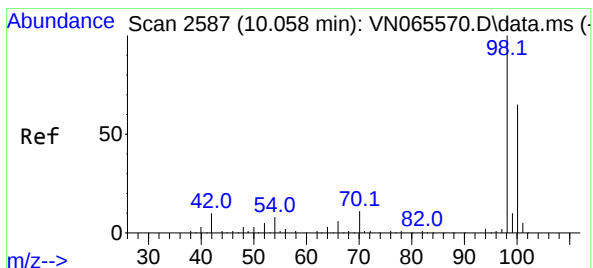
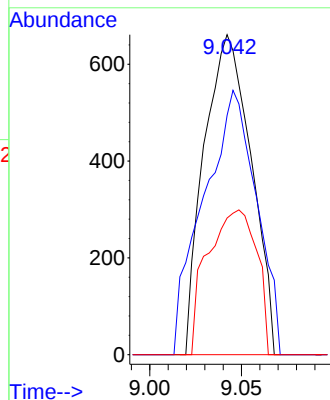
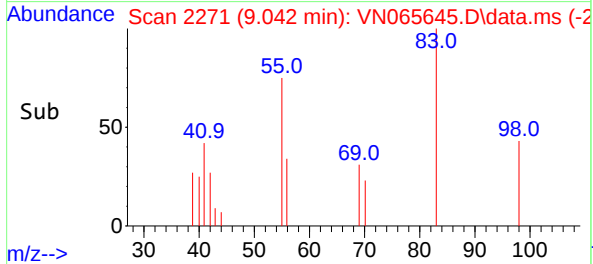


#39
Methylcyclohexane
Concen: 0.26 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

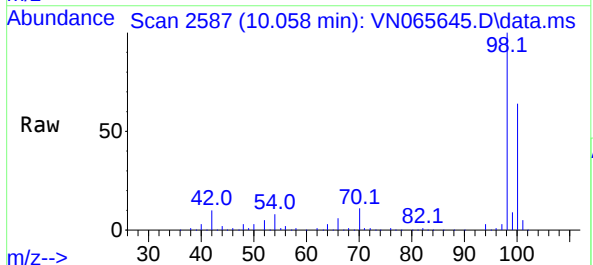


Tgt Ion: 83 Resp: 1176

Ion	Ratio	Lower	Upper
83	100		
55	74.7	58.9	88.3
98	42.7	35.9	53.9

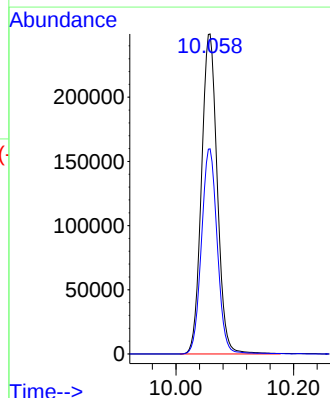
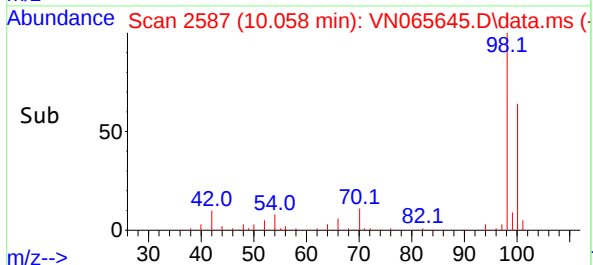


#50
Toluene-d8
Concen: 53.56 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16



Tgt Ion: 98 Resp: 463140

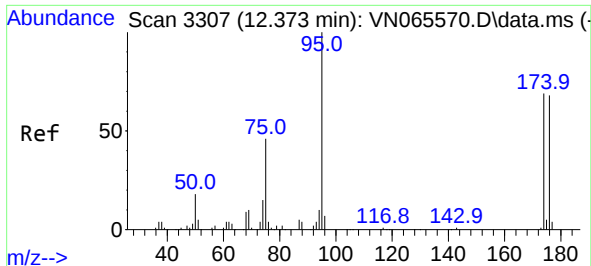
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.5	75.7



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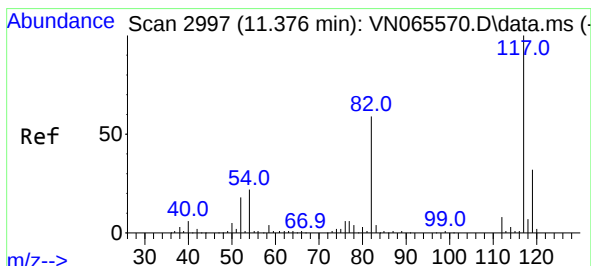
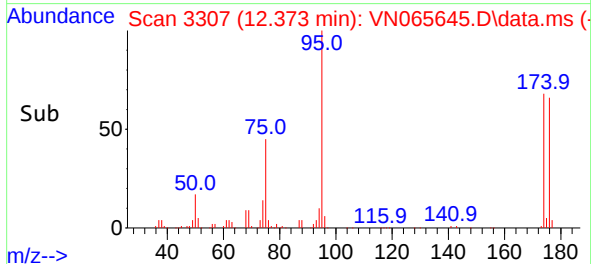
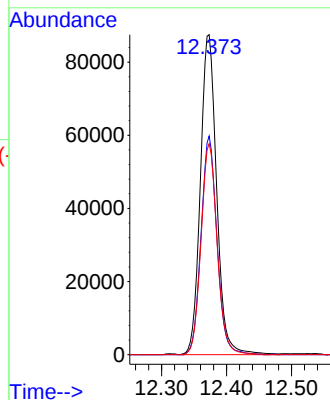
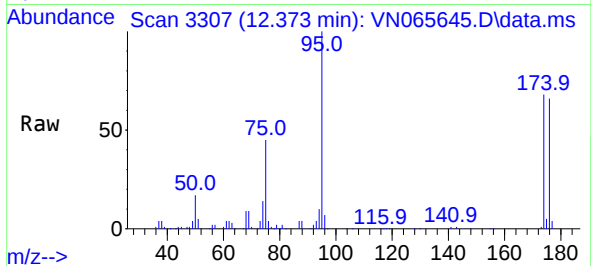
#62
4-Bromofluorobenzene
Concen: 49.10 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion: 95 Resp: 152884
Ion Ratio Lower Upper
95 100
174 67.0 0.0 169.0
176 65.1 0.0 162.4

Instrument :
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ClientSampled :
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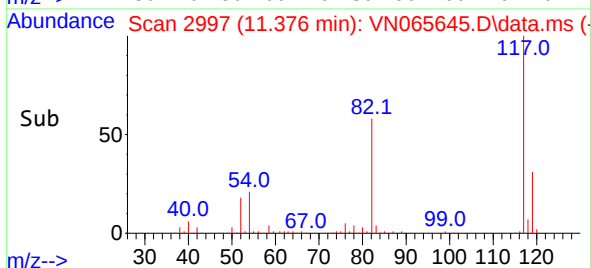
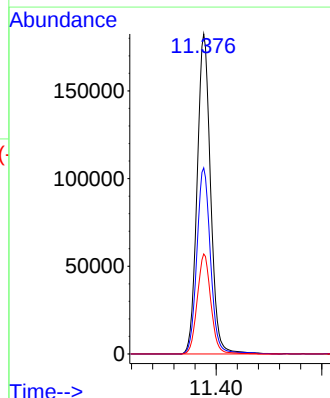
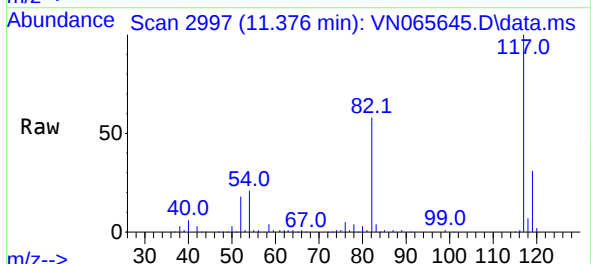
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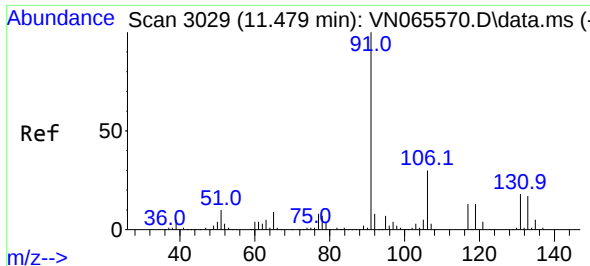
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion: 117 Resp: 321255
Ion Ratio Lower Upper
117 100
82 58.2 43.7 65.5
119 31.3 26.1 39.1





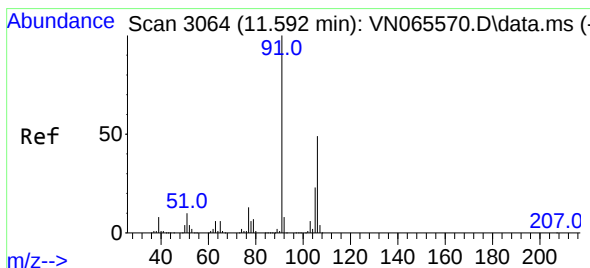
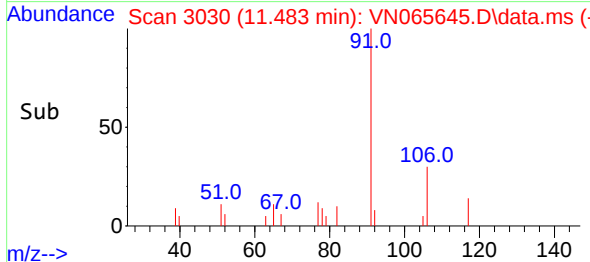
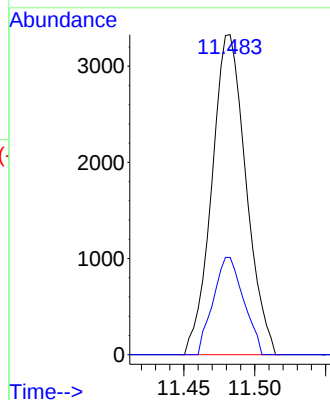
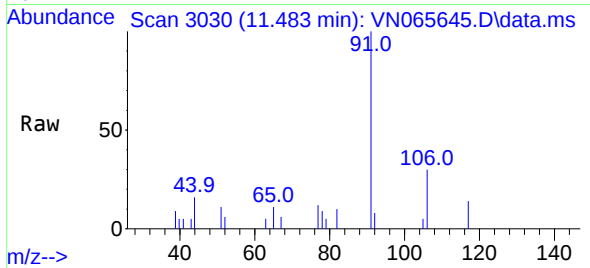
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Ethyl Benzene
Concen: 0.44 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.004 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion: 91 Resp: 5581
Ion Ratio Lower Upper
91 100
106 30.4 25.5 38.3

Instrument :
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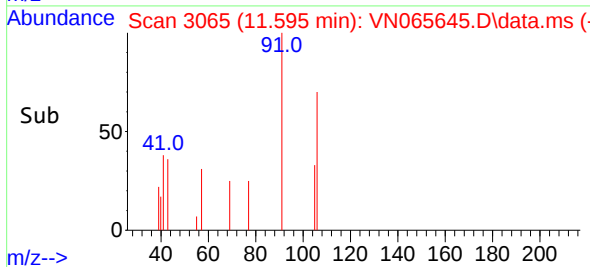
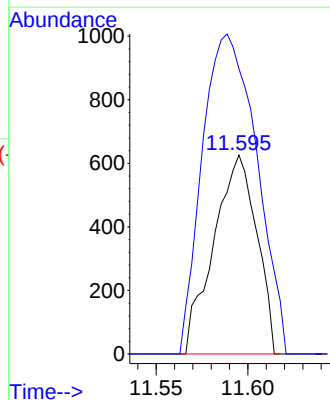
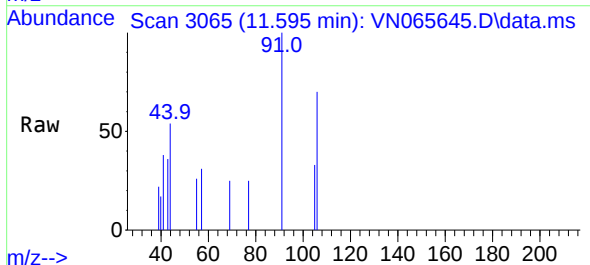
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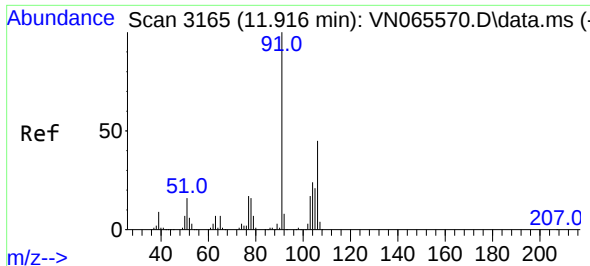
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1/29/2021 12:00:13 PM



#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.003 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion: 106 Resp: 1020
Ion Ratio Lower Upper
106 100
91 203.2 161.4 242.0





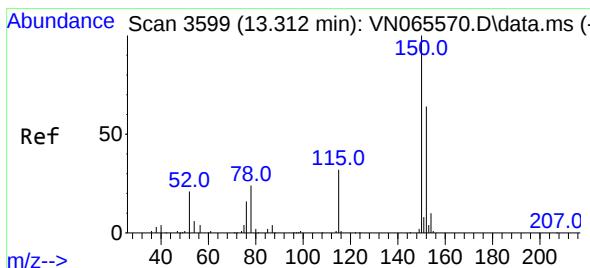
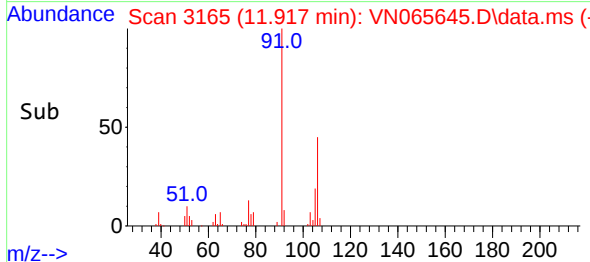
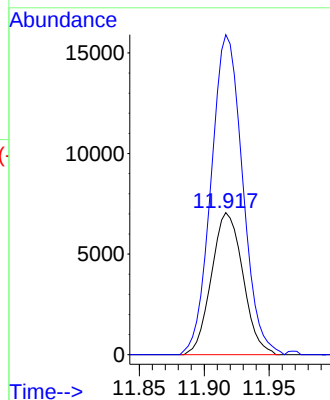
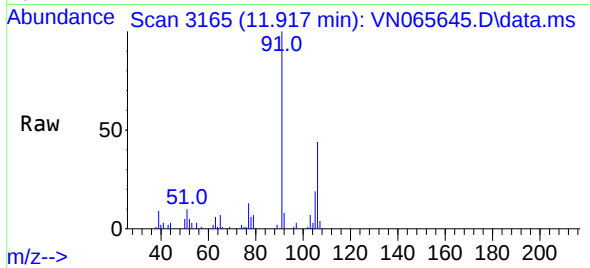
#69
o-Xylene
Concen: 2.69 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion:106 Resp: 11902
Ion Ratio Lower Upper
106 100
91 225.5 106.8 320.4

Instrument :
MSVOA_N
ClientSampled :
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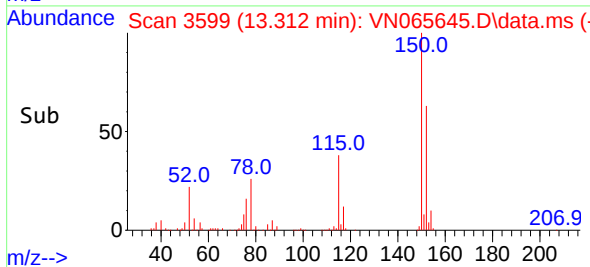
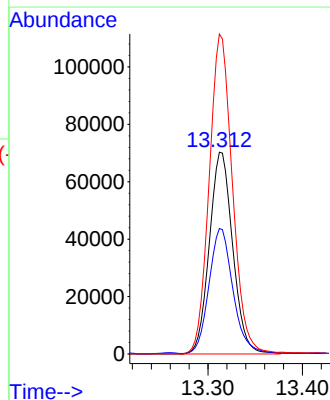
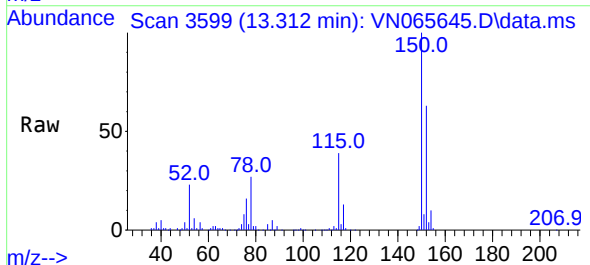
Manual Integrations
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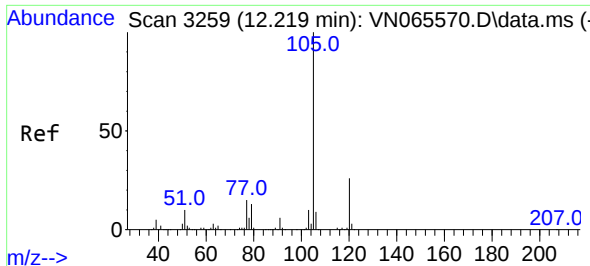
MMDadoda
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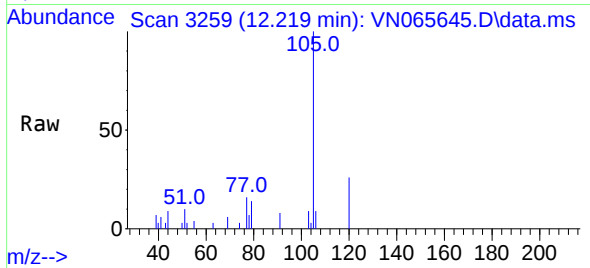
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion:152 Resp: 120763
Ion Ratio Lower Upper
152 100
115 63.4 28.5 85.6
150 158.1 0.0 347.6

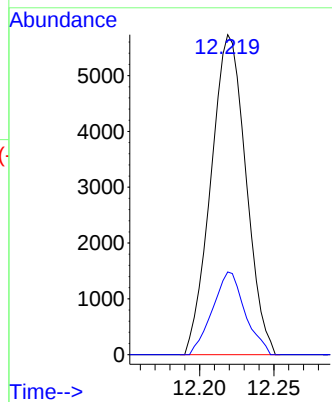




#73
Isopropylbenzene
Concen: 0.89 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16



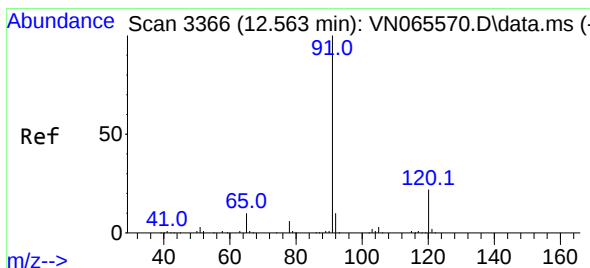
Tgt Ion: 105 Resp: 9388
Ion Ratio Lower Upper
105 100
120 24.0 13.3 39.9



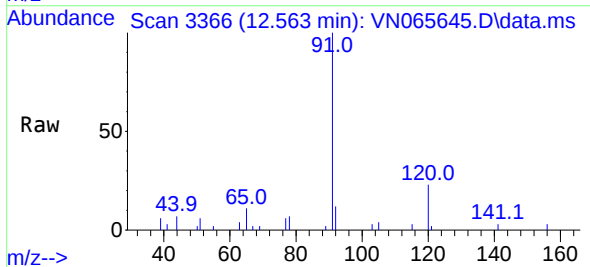
Instrument :
MSVOA_N
ClientSampled :
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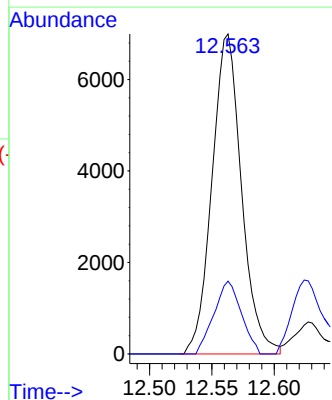
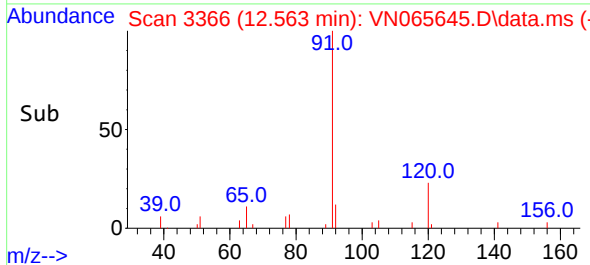
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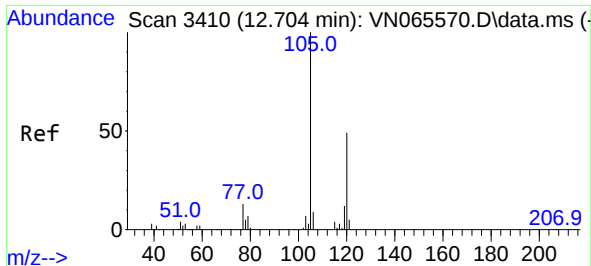


#78
n-propylbenzene
Concen: 0.93 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16



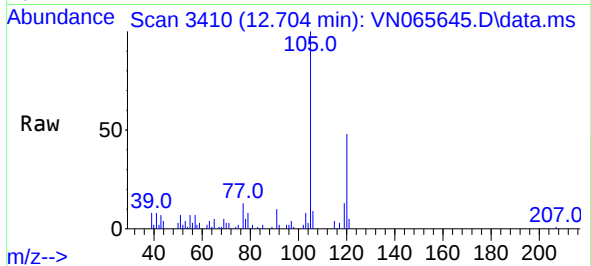
Tgt Ion: 91 Resp: 11531
Ion Ratio Lower Upper
91 100
120 21.1 11.8 35.3





#80
1,3,5-Trimethylbenzene
Concen: 2.76 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

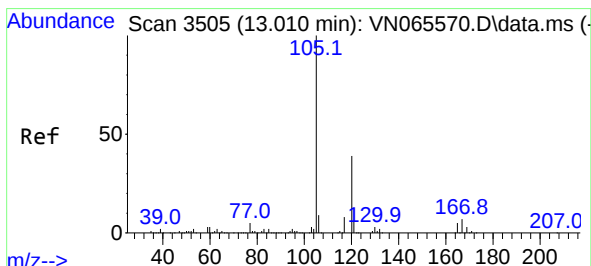
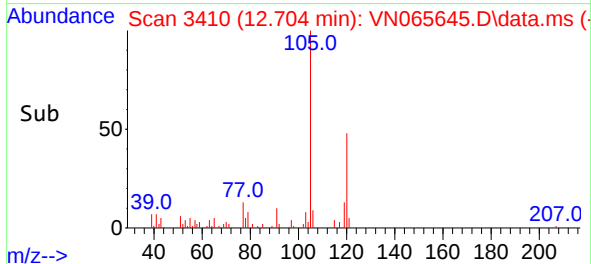
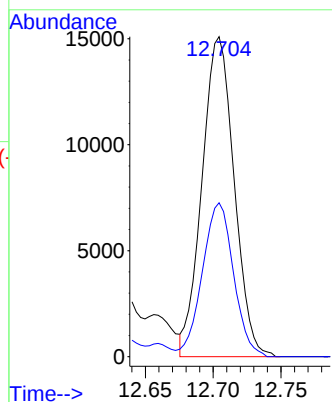
Instrument :
MSVOA_N
ClientSampled :
WP-110



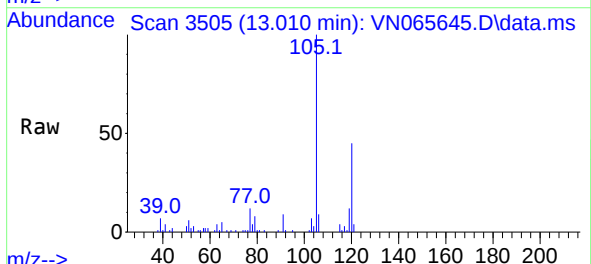
Tgt Ion:105 Resp: 24886
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.8

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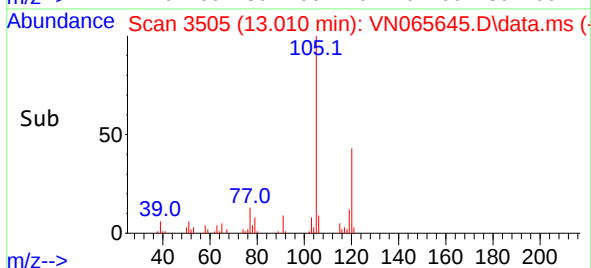
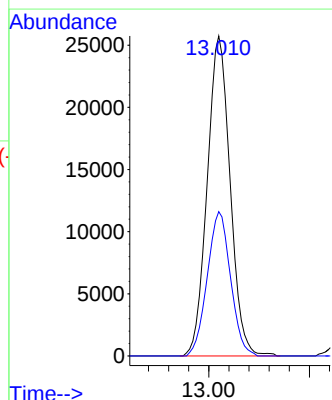
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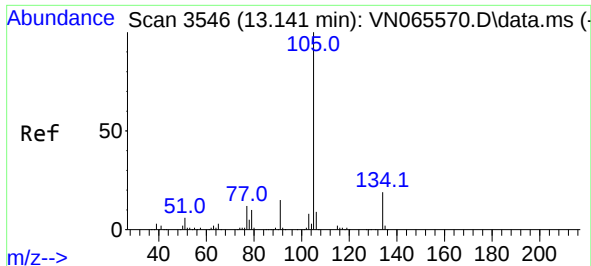


#84
1,2,4-Trimethylbenzene
Concen: 4.54 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

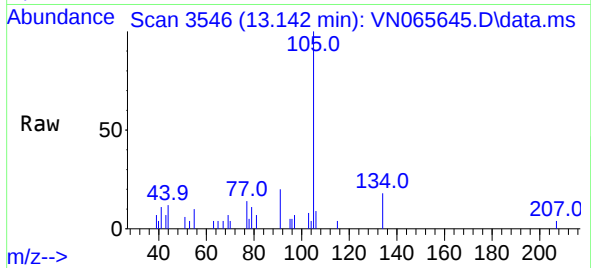


Tgt Ion:105 Resp: 40777
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.0

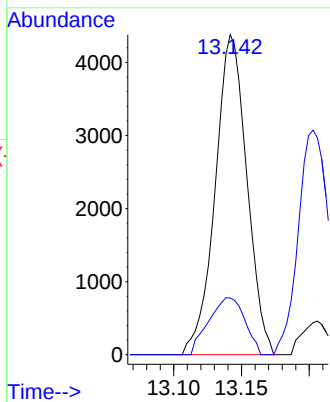
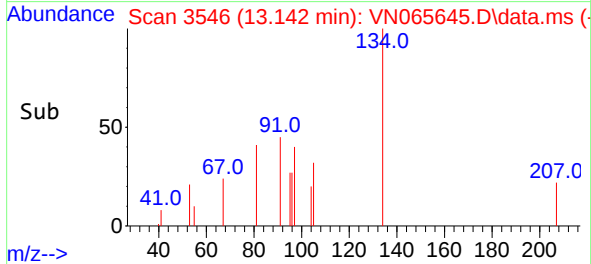




#85
 sec-Butylbenzene
 Concen: 0.70 ug/l
 RT: 13.142 min Scan# 3546
 Delta R.T. 0.001 min
 Lab File: VN065645.D
 Acq: 28 Jan 2021 13:16



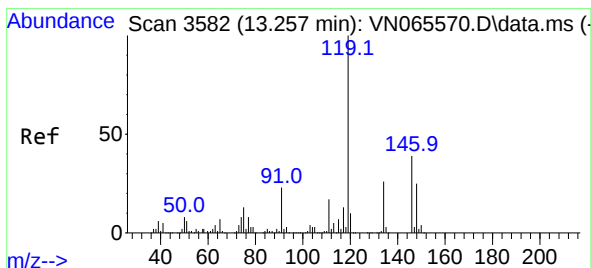
Tgt Ion:105 Resp: 7111
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



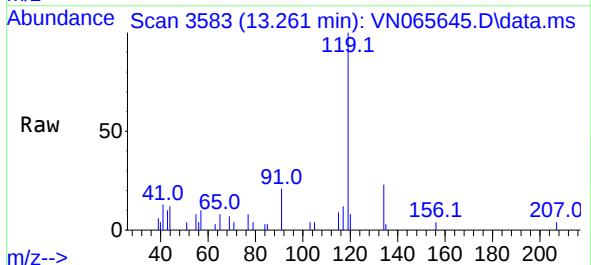
Instrument :
 MSVOA_N
 ClientSampled :
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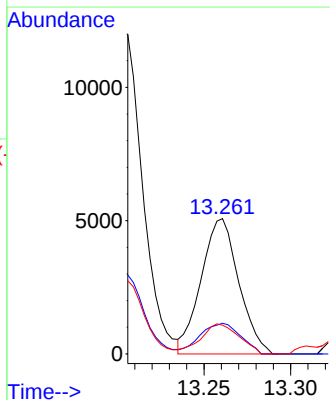
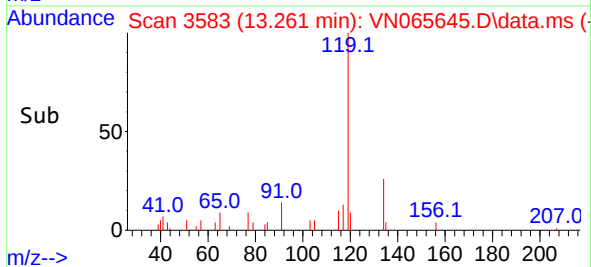
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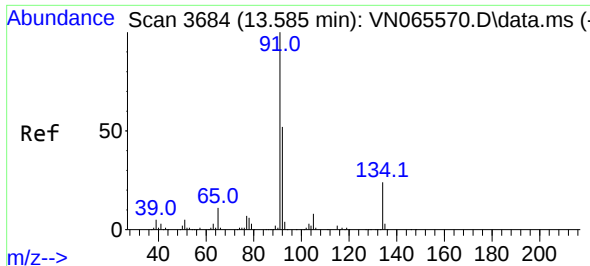


#86
 p-Isopropyltoluene
 Concen: 0.86 ug/l
 RT: 13.261 min Scan# 3583
 Delta R.T. 0.004 min
 Lab File: VN065645.D
 Acq: 28 Jan 2021 13:16



Tgt Ion:119 Resp: 7663
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.3 39.8
 91 22.4 11.8 35.3





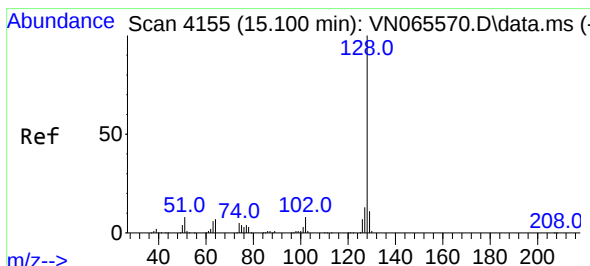
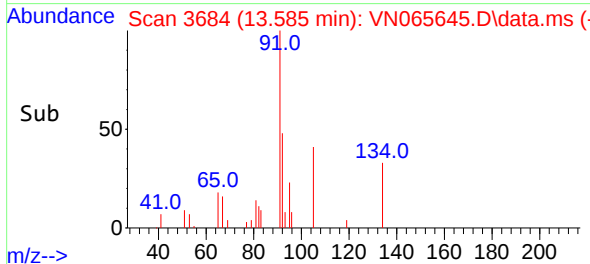
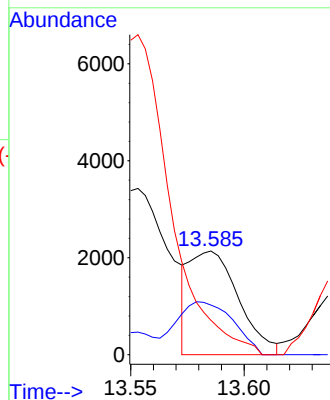
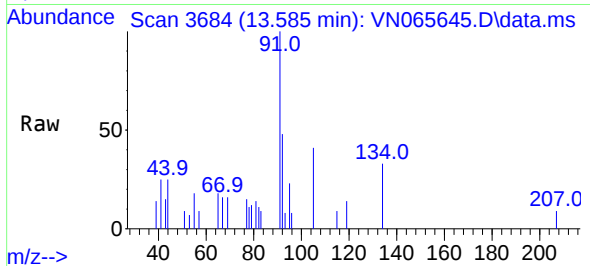
#89
n-Butylbenzene
Concen: 0.40 ug/l m
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion:	91	Resp:	3219
Ion	Ratio	Lower	Upper
91	100		
92	16.3	26.1	78.3#
134	374.0	13.0	38.9#

Instrument :
MSVOA_N
ClientSampled :
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#95
Naphthalene
Concen: 4.43 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065645.D
Acq: 28 Jan 2021 13:16

Tgt Ion:	128	Resp:	8239
Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.2	15.2#
129	19.0	8.6	13.0#

