

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065624.D
 Acq On : 27 Jan 2021 12:57
 Operator : JC/MD
 Sample : M1190-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41109

Manual Integrations
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 1/28/2021 2:13:58 PM

Quant Time: Jan 28 02:11:40 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	204004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	355478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	304949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	112864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	128904	48.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.06%		
35) Dibromofluoromethane	7.550	113	103571	49.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.34%		
50) Toluene-d8	10.058	98	443381	53.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.10%		
62) 4-Bromofluorobenzene	12.373	95	145261	48.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.44%		
Target Compounds					Qvalue	
16) Acetone	3.782	43	12027	11.51	ug/l	97
19) Methyl tert-butyl Ether	5.003	73	6187	0.75	ug/l #	90
20) Methylene Chloride	4.505	84	2719	0.94	ug/l #	82
22) Diisopropyl ether	5.901	45	4511m	0.48	ug/l	
40) Benzene	8.000	78	2351	0.22	ug/l	96
52) Toluene	10.122	92	26464	4.09	ug/l	98
68) m/p-Xylenes	11.595	106	2330	0.54	ug/l	88
69) o-Xylene	11.916	106	36074	8.58	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	35439	4.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	4451	0.53	ug/l	95
85) sec-Butylbenzene	13.145	105	3470	0.37	ug/l	97
86) p-Isopropyltoluene	13.260	119	3318	0.40	ug/l	94
89) n-Butylbenzene	13.585	91	2920m	0.39	ug/l	
95) Naphthalene	15.100	128	6413	4.27	ug/l #	86

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

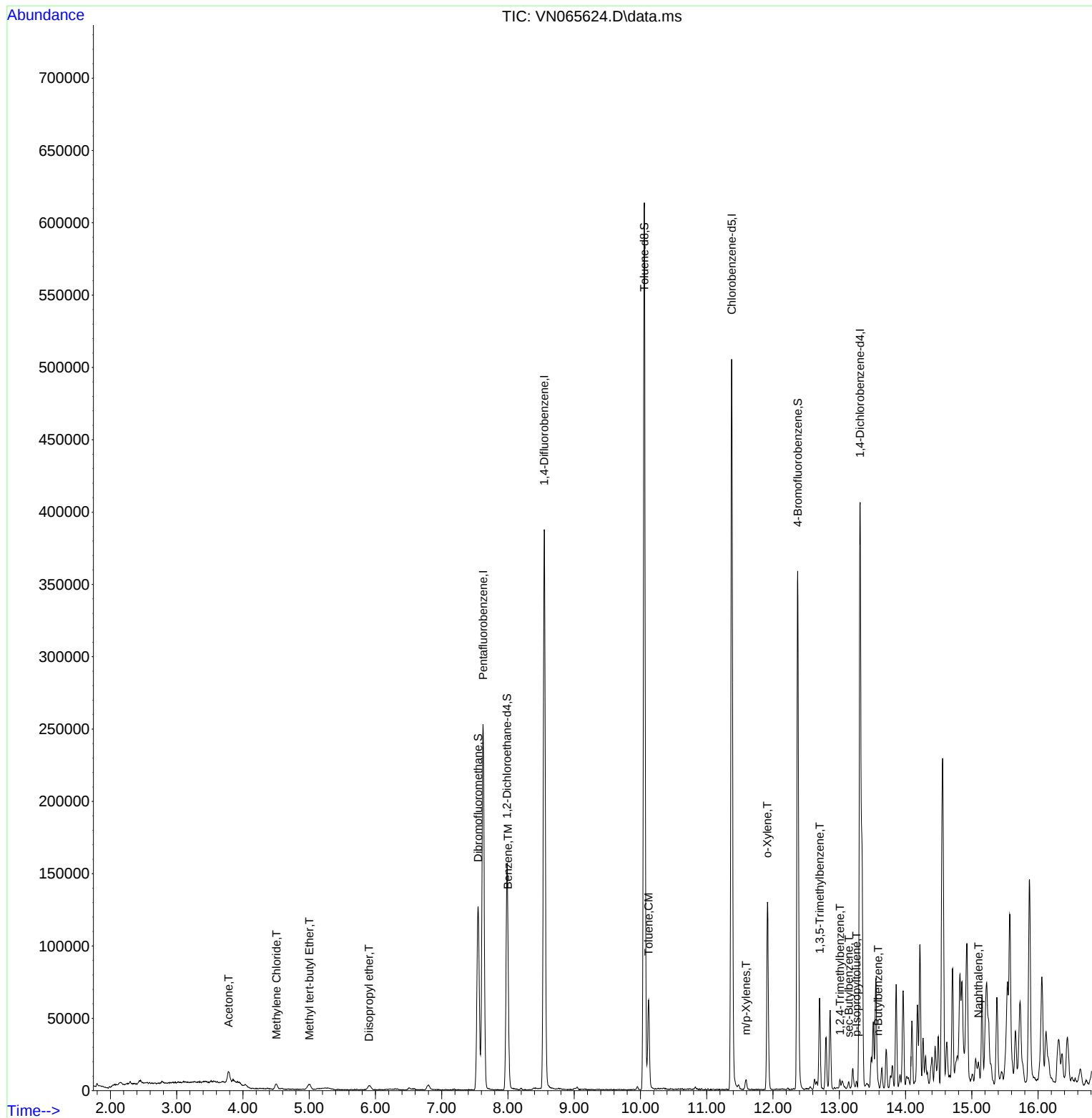
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Data File : VN065624.D
Acq On : 27 Jan 2021 12:57
Operator : JC/MD
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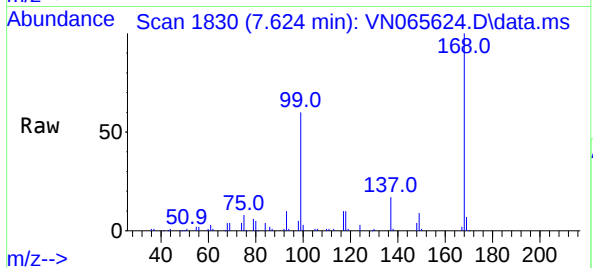
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

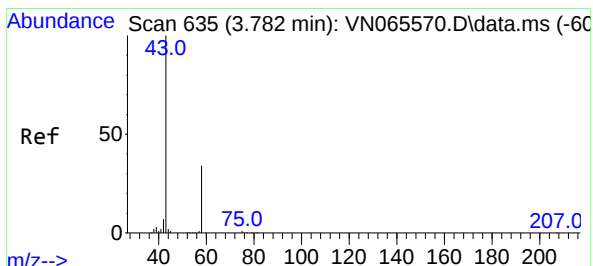
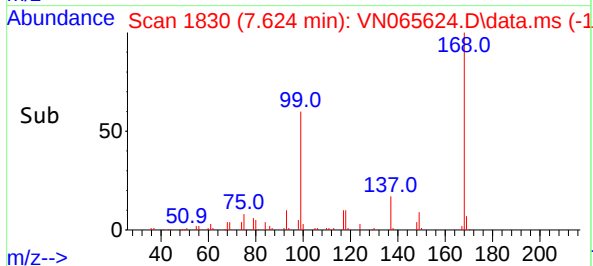
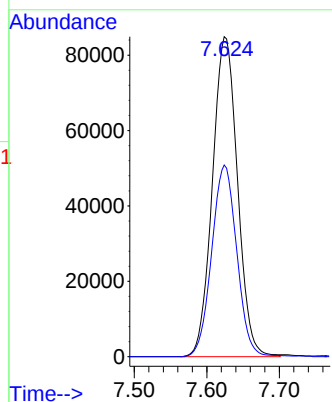
Instrument :
MSVOA_N
ClientSampled :
41109



Tgt Ion:168 Resp: 204004
Ion Ratio Lower Upper
168 100
99 59.9 42.6 63.8

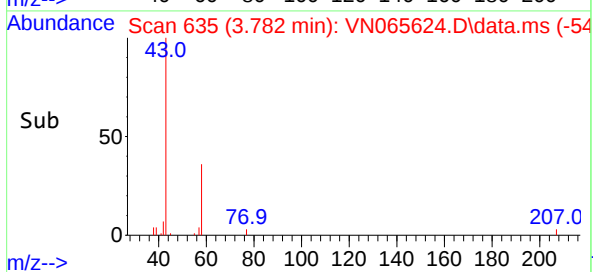
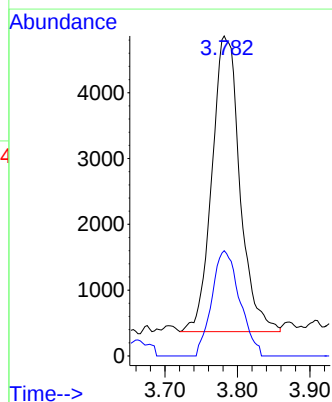
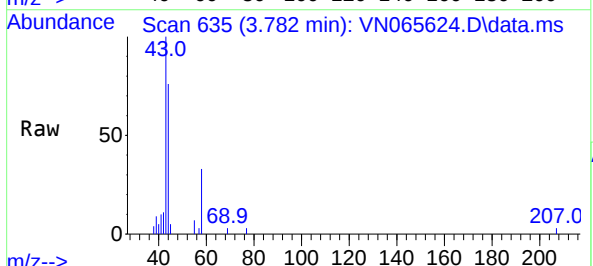
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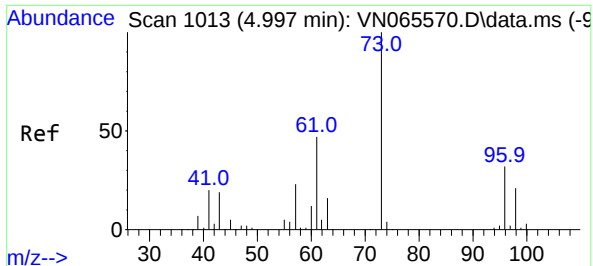
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#16
Acetone
Concen: 11.51 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

Tgt Ion: 43 Resp: 12027
Ion Ratio Lower Upper
43 100
58 35.6 27.0 40.6





#19

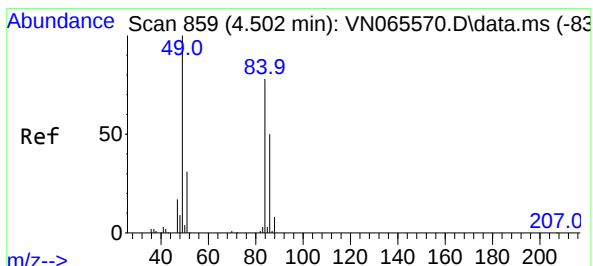
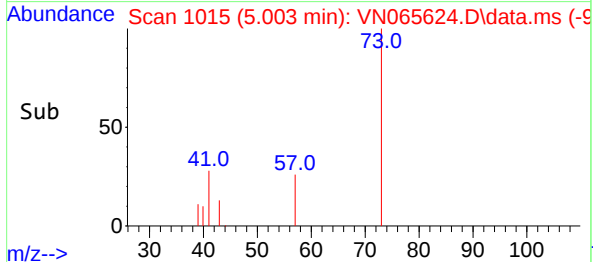
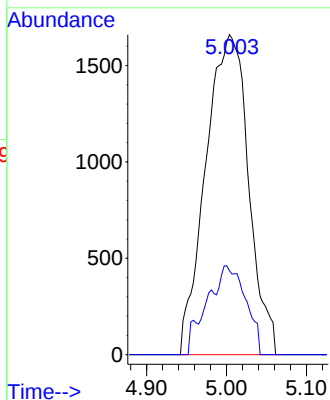
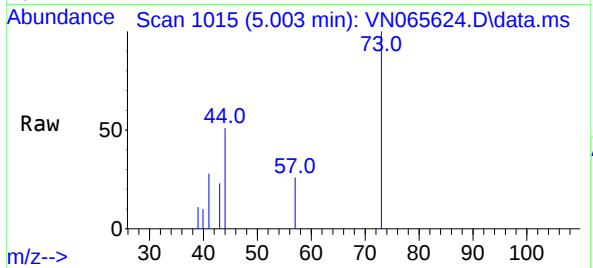
Methyl tert-butyl Ether
Concen: 0.75 ug/l
RT: 5.003 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

Tgt Ion: 73 Resp: 6187
Ion Ratio Lower Upper
73 100
57 26.3 17.3 25.9#

Instrument :
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ClientSampled :
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Manual Integrations
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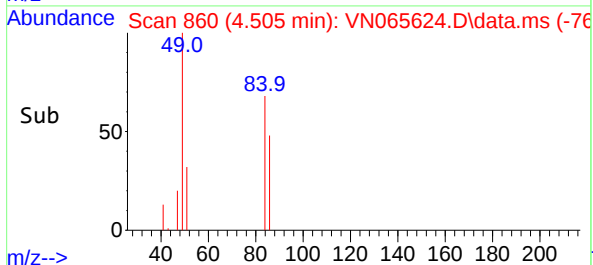
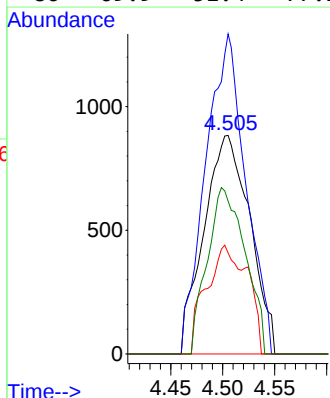
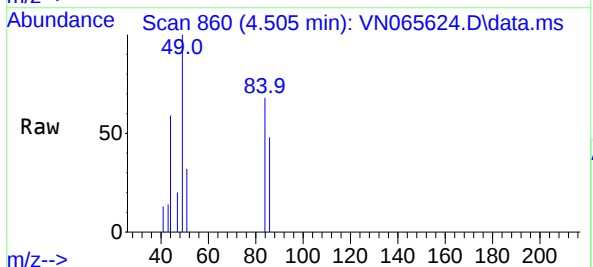
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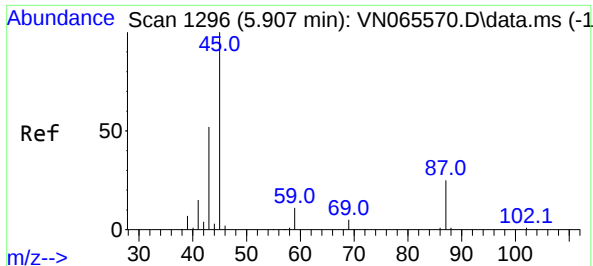


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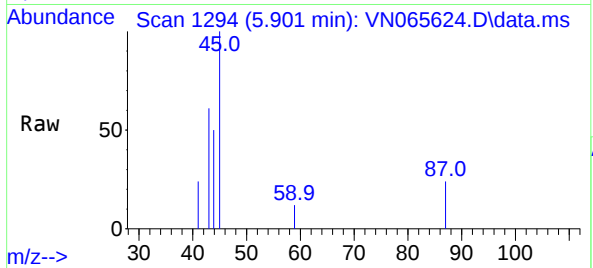
Methylene Chloride
Concen: 0.94 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

Tgt Ion: 84 Resp: 2719
Ion Ratio Lower Upper
84 100
49 146.4 94.6 141.8#
51 46.2 29.9 44.9#
86 69.9 51.4 77.2



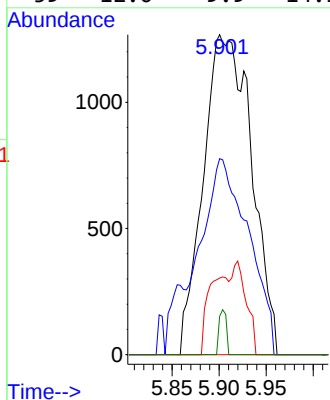


#22
Diisopropyl ether
Concen: 0.48 ug/l m
RT: 5.901 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57



Tgt Ion: 45 Resp: 4511

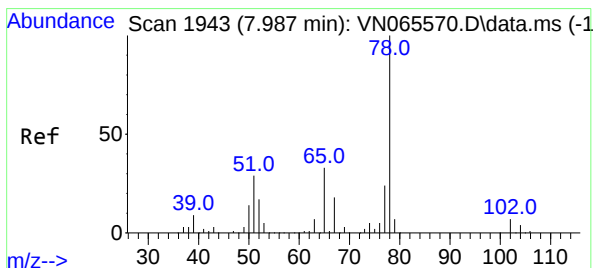
Ion	Ratio	Lower	Upper
45	100		
43	61.3	48.9	73.3
87	24.0	23.7	35.5
59	12.0	9.9	14.9



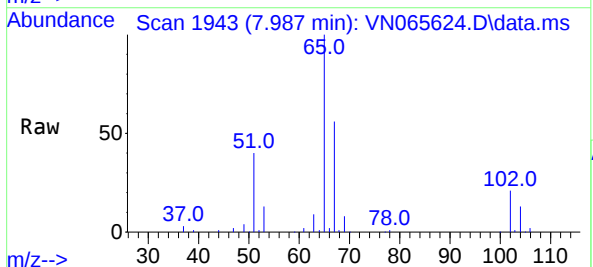
Instrument :
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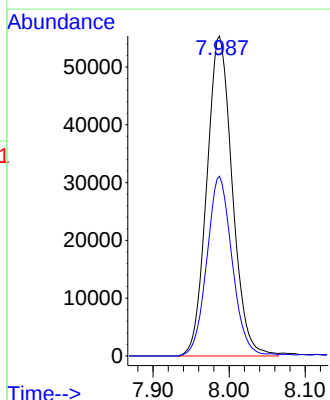
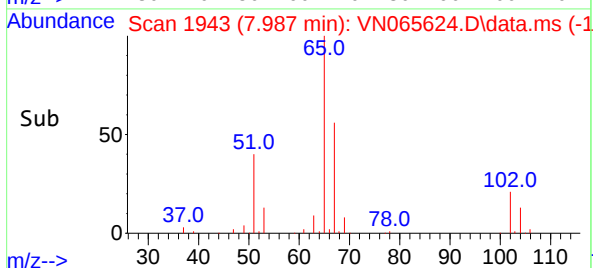


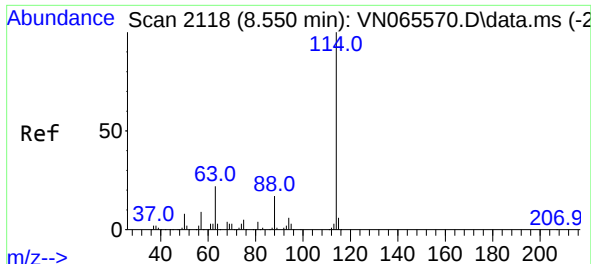
#33
1,2-Dichloroethane-d4
Concen: 48.03 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57



Tgt Ion: 65 Resp: 128904

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	107.2





#34

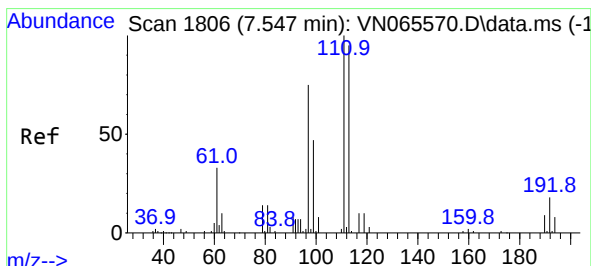
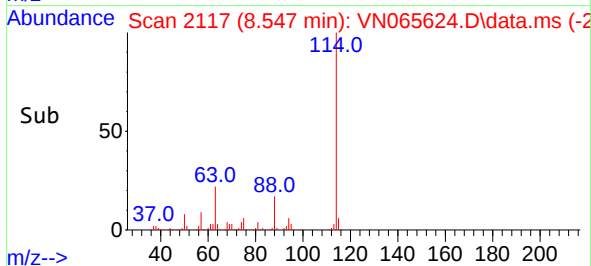
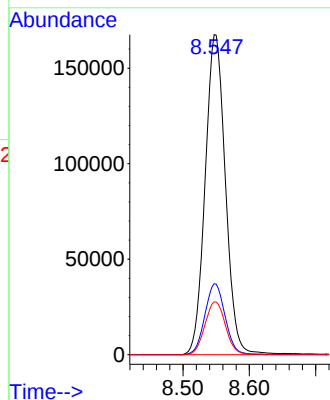
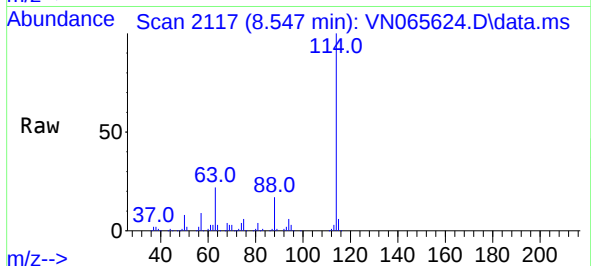
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

Tgt Ion:114 Resp: 355478
Ion Ratio Lower Upper
114 100
63 22.2 0.0 38.6
88 16.5 0.0 30.6

Instrument :
MSVOA_N
ClientSampled :
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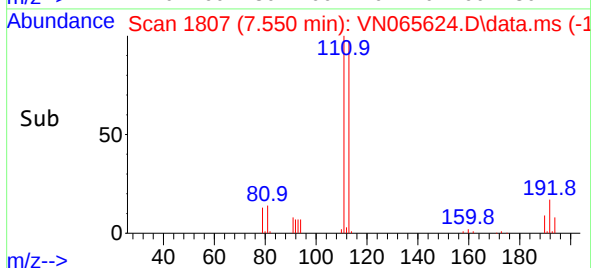
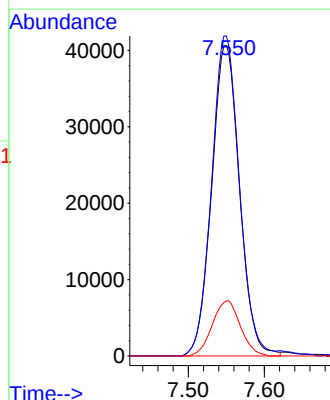
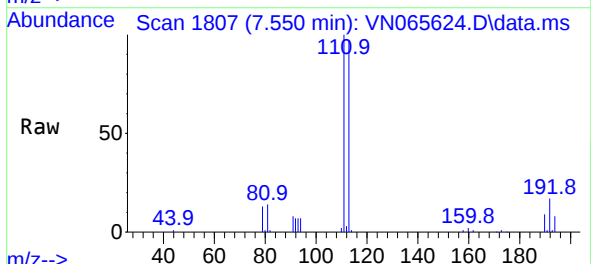
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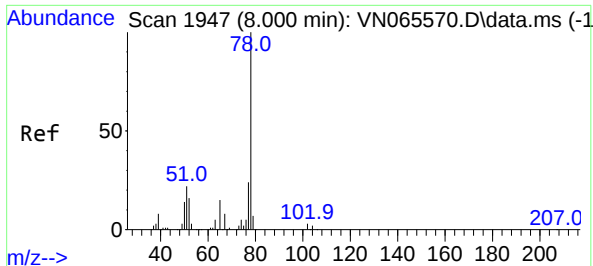


#35

Dibromofluoromethane
Concen: 49.17 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

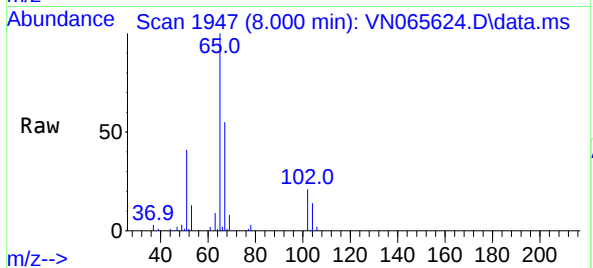
Tgt Ion:113 Resp: 103571
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 17.9 15.4 23.0





#40
Benzene
Concen: 0.22 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

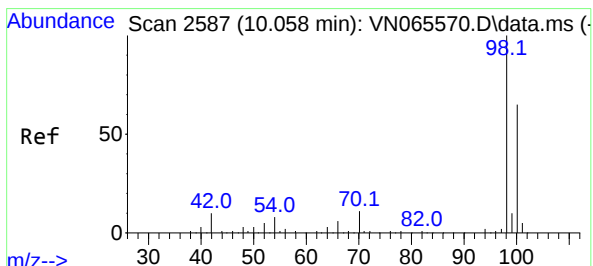
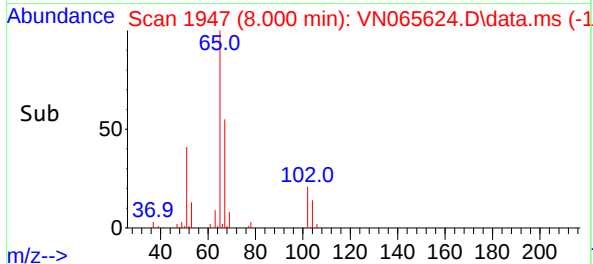
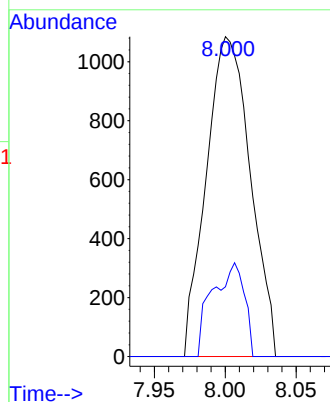
Instrument :
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Tgt Ion: 78 Resp: 2351
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.4

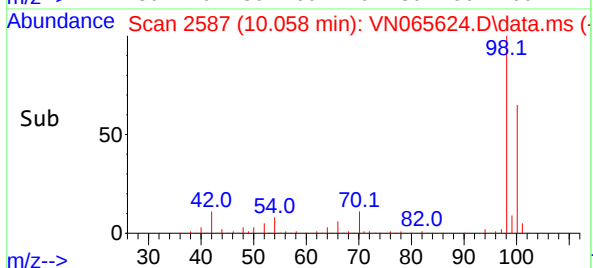
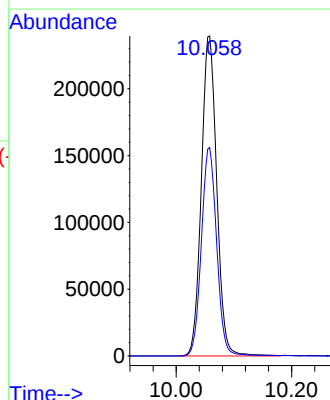
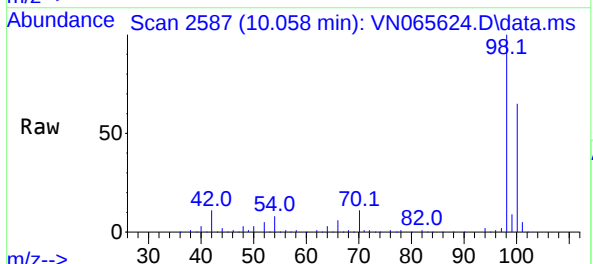
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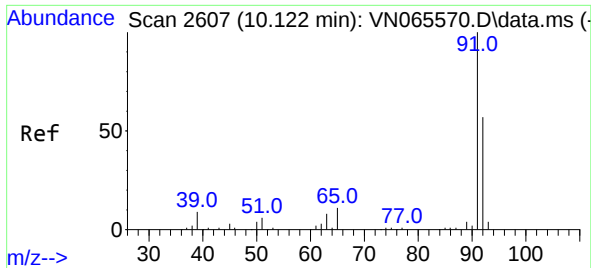
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#50
Toluene-d8
Concen: 53.55 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

Tgt Ion: 98 Resp: 443381
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7





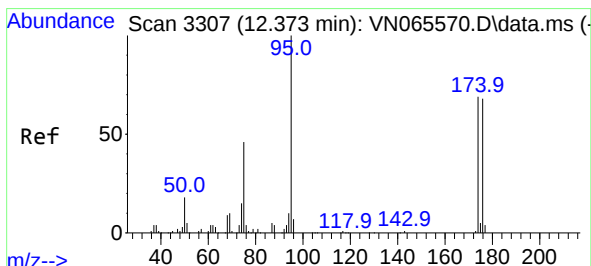
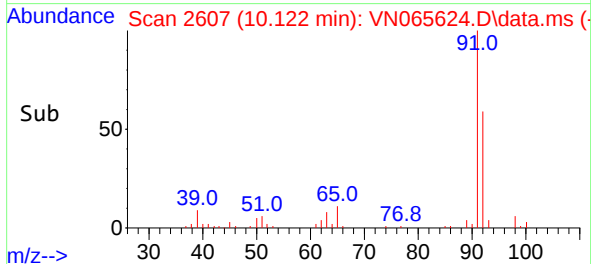
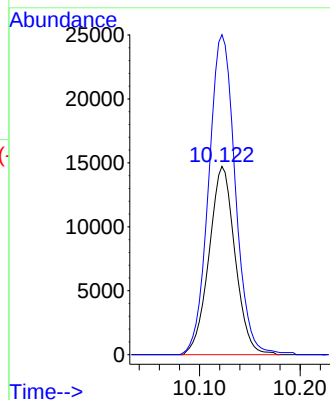
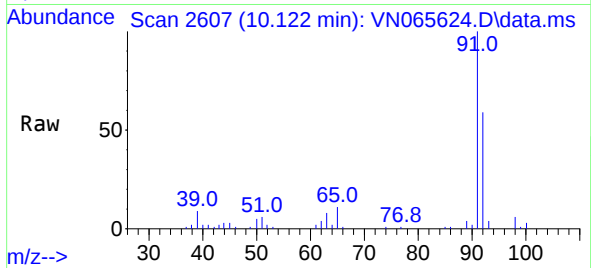
#52
Toluene
Concen: 4.09 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

Tgt Ion: 92 Resp: 26464
Ion Ratio Lower Upper
92 100
91 173.8 140.7 211.1

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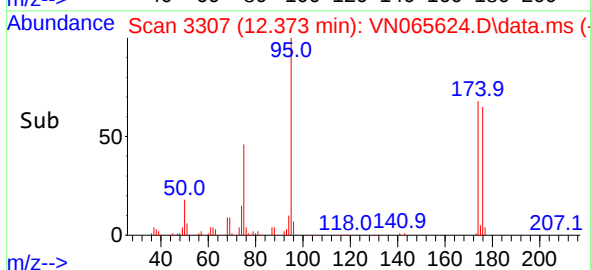
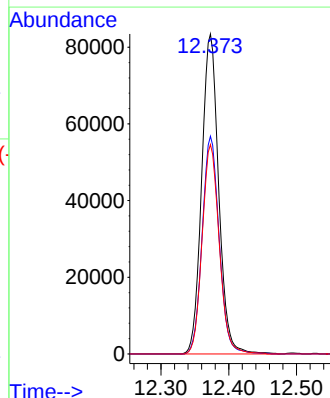
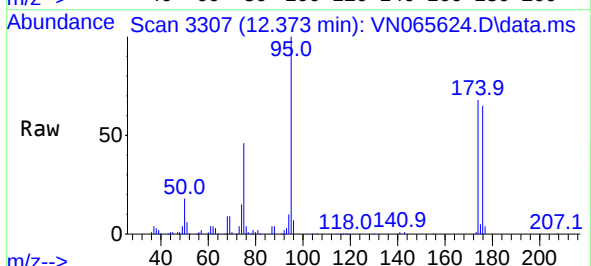
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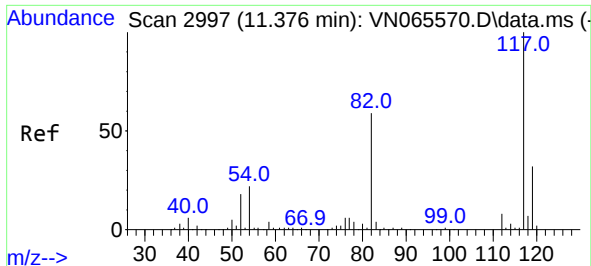
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#62
4-Bromofluorobenzene
Concen: 48.72 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

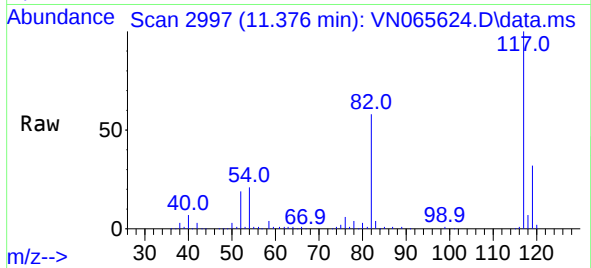
Tgt Ion: 95 Resp: 145261
Ion Ratio Lower Upper
95 100
174 68.0 0.0 169.0
176 65.8 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

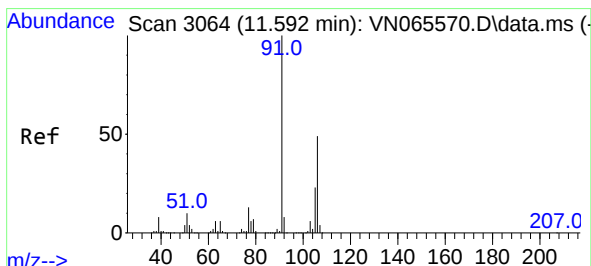
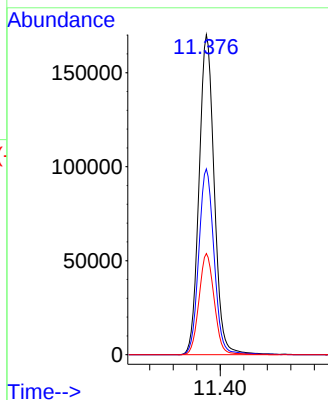
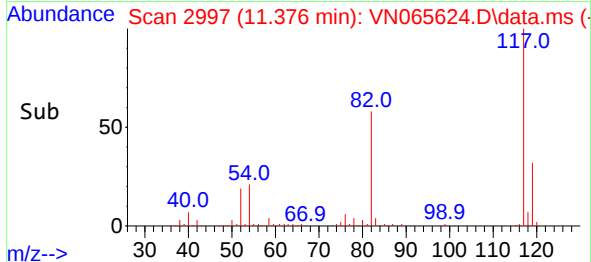
Instrument :
MSVOA_N
ClientSampled :
41109



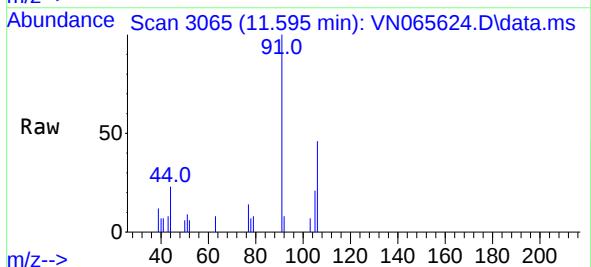
Tgt Ion:117 Resp: 304949
Ion Ratio Lower Upper
117 100
82 58.1 43.7 65.5
119 31.6 26.1 39.1

Manual Integrations
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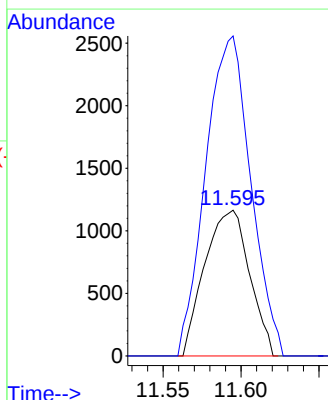
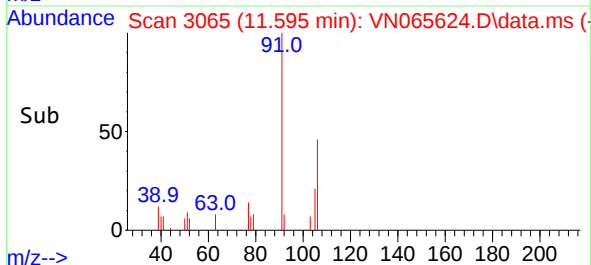
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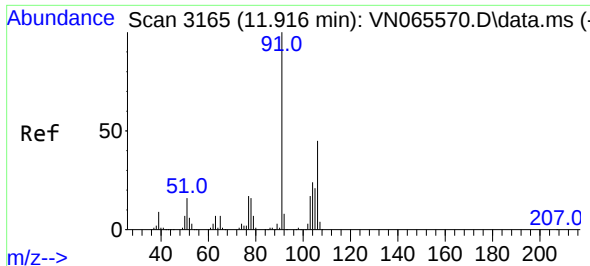


#68
m/p-Xylenes
Concen: 0.54 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.003 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57



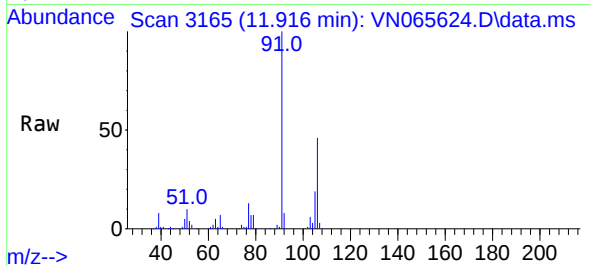
Tgt Ion:106 Resp: 2330
Ion Ratio Lower Upper
106 100
91 220.7 161.4 242.0





#69
o-Xylene
Concen: 8.58 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

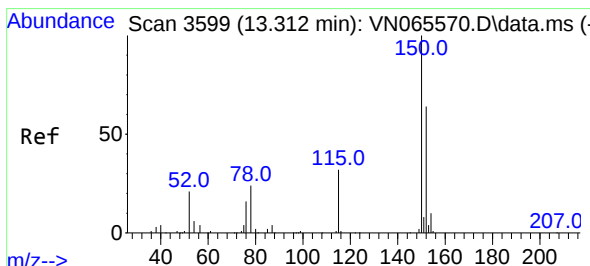
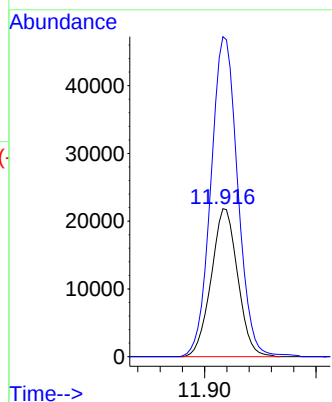
Instrument :
MSVOA_N
ClientSampled :
41109



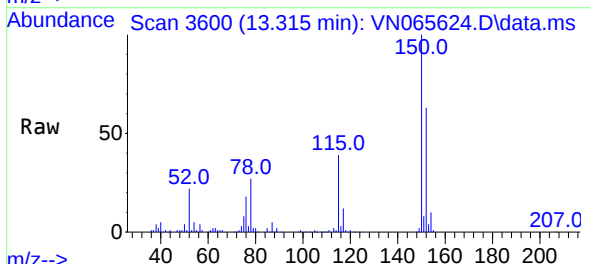
Tgt Ion:106 Resp: 36074
Ion Ratio Lower Upper
106 100
91 219.2 106.8 320.4

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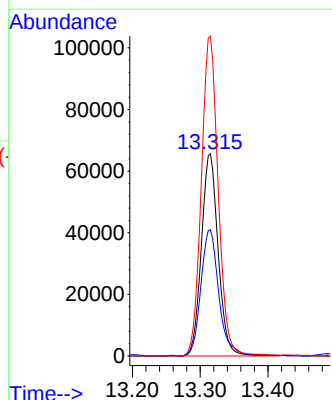
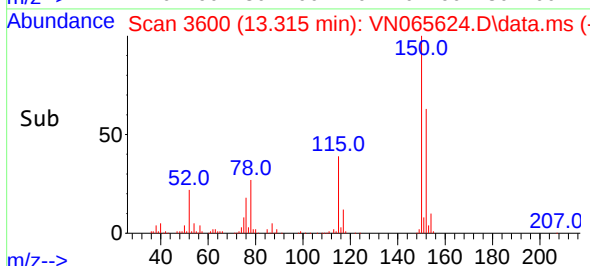
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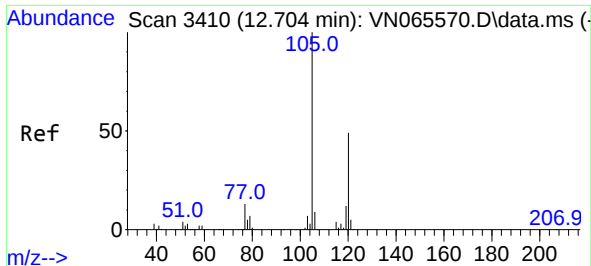


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57



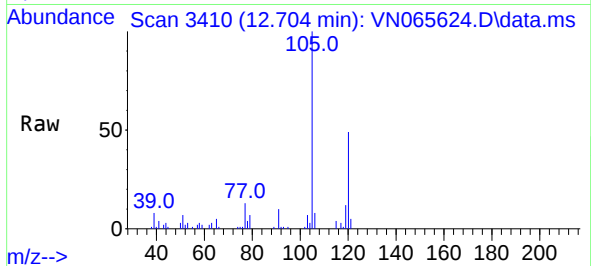
Tgt Ion:152 Resp: 112864
Ion Ratio Lower Upper
152 100
115 66.4 28.5 85.6
150 159.1 0.0 347.6





#80
1,3,5-Trimethylbenzene
Concen: 4.21 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

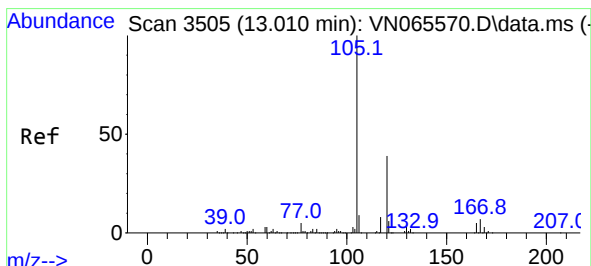
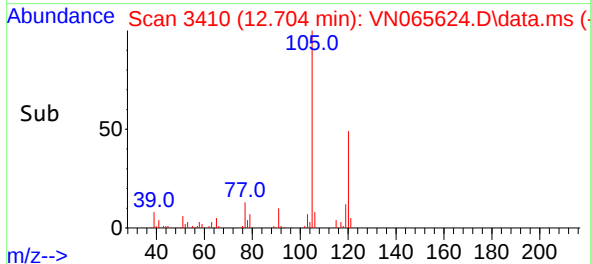
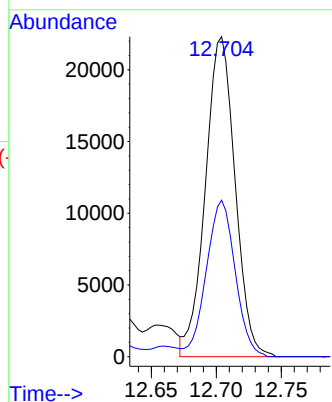
Instrument :
MSVOA_N
ClientSampled :
41109



Tgt Ion:105 Resp: 35439
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8

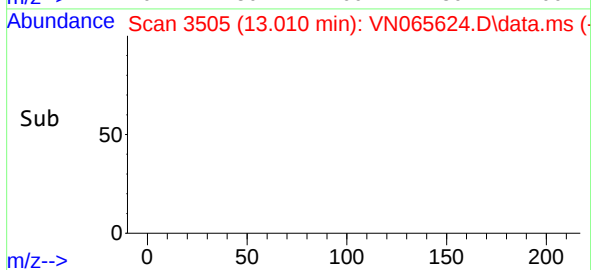
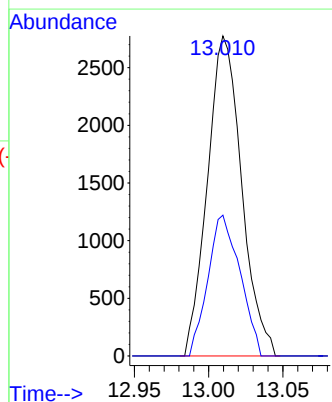
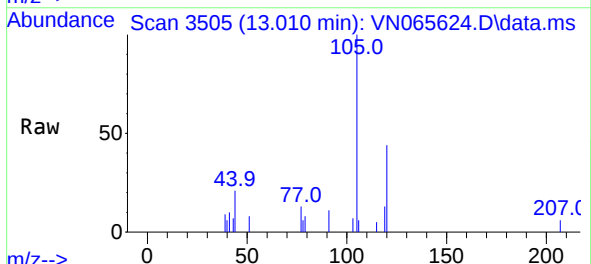
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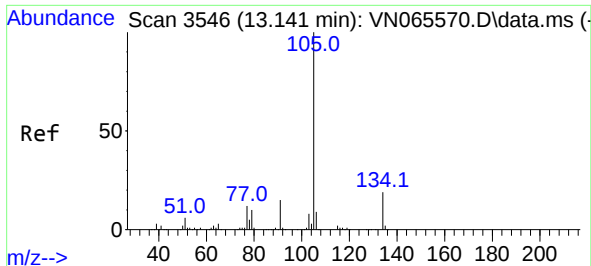
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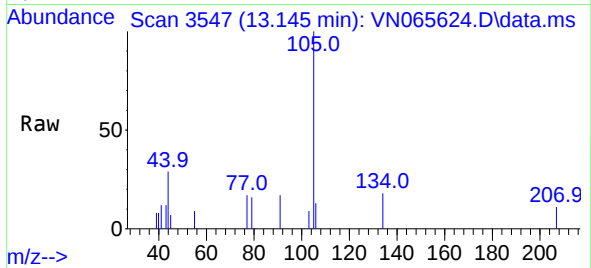
#84
1,2,4-Trimethylbenzene
Concen: 0.53 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57

Tgt Ion:105 Resp: 4451
Ion Ratio Lower Upper
105 100
120 41.2 22.4 67.0

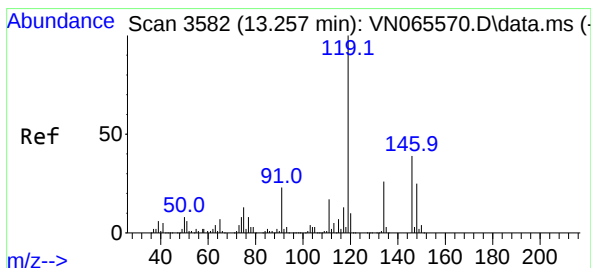
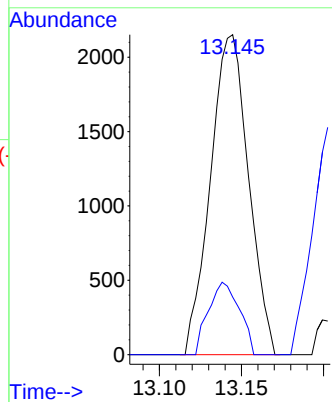
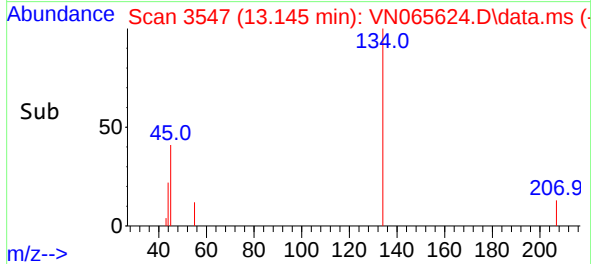




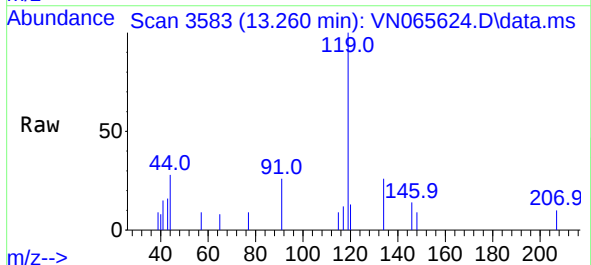
#85
 sec-Butylbenzene
 Concen: 0.37 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. 0.004 min
 Lab File: VN065624.D
 Acq: 27 Jan 2021 12:57



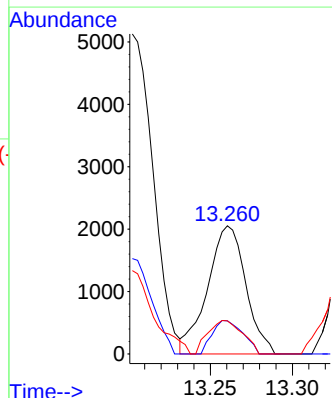
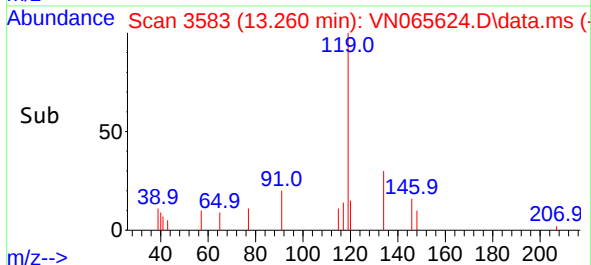
Tgt Ion:105 Resp: 3470
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.40 ug/l
 RT: 13.260 min Scan# 3583
 Delta R.T. 0.003 min
 Lab File: VN065624.D
 Acq: 27 Jan 2021 12:57



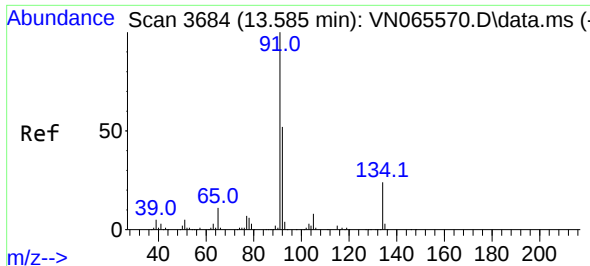
Tgt Ion:119 Resp: 3318
 Ion Ratio Lower Upper
 119 100
 134 20.9 13.3 39.8
 91 23.6 11.8 35.3



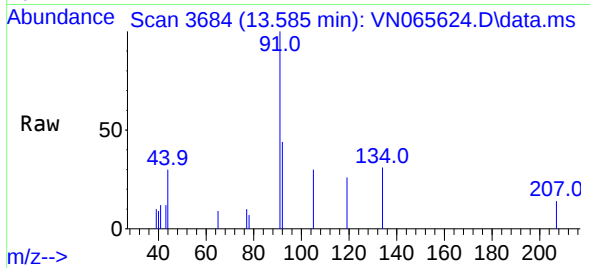
Instrument :
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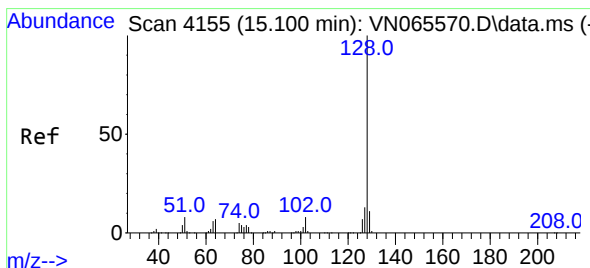
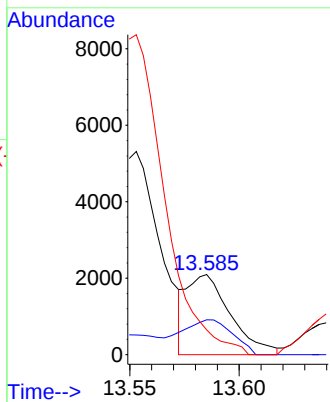
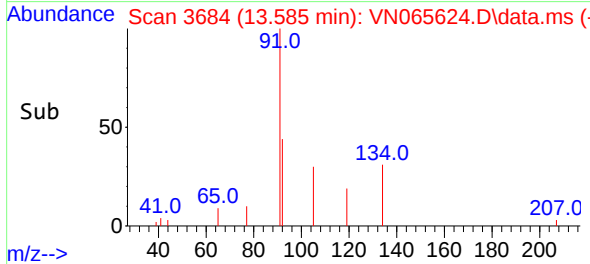
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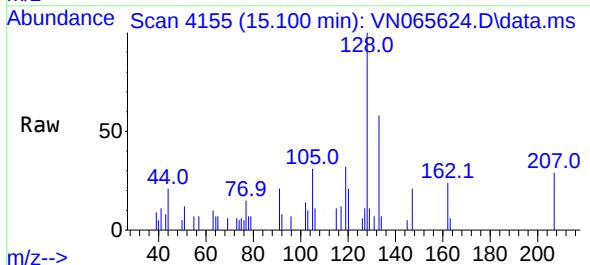
#89
n-Butylbenzene
Concen: 0.39 ug/l m
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57



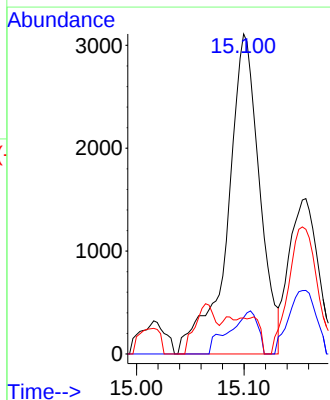
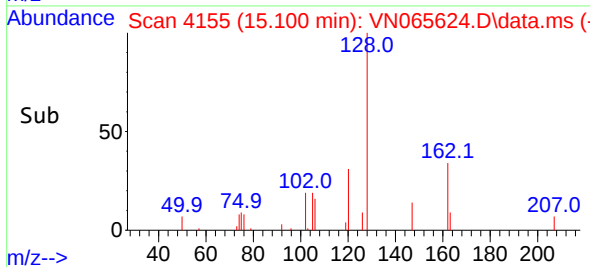
Tgt Ion: 91 Resp: 2920
Ion Ratio Lower Upper
91 100
92 28.0 26.1 78.3
134 503.4 13.0 38.9#



#95
Naphthalene
Concen: 4.27 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065624.D
Acq: 27 Jan 2021 12:57



Tgt Ion: 128 Resp: 6413
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.2
129 0.0 8.6 13.0#



Instrument :
MSVOA_N
ClientSampled :
41109

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