

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020321\
 Data File : VN065700.D
 Acq On : 3 Feb 2021 14:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:33:19 AM

Quant Time: Feb 03 15:10:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.155	128	28227	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	160384	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	134965	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	59796	30.54	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	101.80%		
60) 4-Bromofluorobenzene	12.373	95	60104	27.37	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.23%		
63) Toluene-d8	10.058	98	200671	30.93	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.10%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.837	85	557	0.33	ug/l	92
3) Chloromethane	2.033	50	598	0.24	ug/l #	78
5) Bromomethane	2.550	94	894	0.61	ug/l #	50
7) Trichlorofluoromethane	2.994	101	592	0.23	ug/l	88
10) 1,1-Dichloroethene	3.705	96	618	0.37	ug/l #	47
11) Methyl Iodide	3.910	142	1143	0.49	ug/l #	89
16) Carbon Disulfide	4.007	76	7624	1.47	ug/l #	93
19) trans-1,2-Dichloroethene	4.991	96	1010m	0.56	ug/l	
26) Cyclohexane	7.611	56	861	0.26	ug/l #	88
29) 1,1-Dichloropropene	7.746	75	1050	0.41	ug/l	61
37) Trichloroethene	8.801	130	878	0.45	ug/l #	76
38) Methylcyclohexane	9.039	83	1349	0.44	ug/l	79
55) 2-Chloroethyl vinyl ether	9.666	63	2220	1.72	ug/l #	77
61) Tetrachloroethene	10.598	164	956	0.54	ug/l #	83
62) Toluene	10.126	91	2117	0.27	ug/l	100
64) Chlorobenzene	11.405	112	1805	0.39	ug/l	95
66) Ethyl Benzene	11.479	91	3238	0.38	ug/l	93
67) m/p-Xylenes	11.595	106	2271	0.72	ug/l	78
68) o-Xylene	11.923	106	1013	0.33	ug/l	96
69) Styrene	11.936	104	1650	0.33	ug/l #	89
70) Isopropylbenzene	12.222	105	3277	0.42	ug/l	86
71) 1,1,2,2-Tetrachloroethane	12.476	83	671	0.29	ug/l #	55
73) Bromobenzene	12.499	156	779	0.44	ug/l	55
74) n-propylbenzene	12.563	91	4887	0.54	ug/l	89
75) 2-Chlorotoluene	12.646	91	2604	0.47	ug/l	86
76) 1,3,5-Trimethylbenzene	12.704	105	3042	0.46	ug/l	98
78) 4-Chlorotoluene	12.743	91	3172	0.58	ug/l	87
79) tert-butylbenzene	12.962	119	2868	0.53	ug/l	94
80) 1,2,4-Trimethylbenzene	13.010	105	3125	0.47	ug/l	98
81) sec-Butylbenzene	13.145	105	4411	0.61	ug/l	89
82) p-Isopropyltoluene	13.261	119	3657	0.57	ug/l	93
83) 1,3-Dichlorobenzene	13.257	146	1889	0.61	ug/l	74
84) 1,4-Dichlorobenzene	13.338	146	2257	0.74	ug/l	98
85) n-Butylbenzene	13.589	91	4034	0.71	ug/l	91
86) Hexachloroethane	13.846	117	456	0.41	ug/l #	43
87) 1,2-Dichlorobenzene	13.630	146	2033	0.66	ug/l	93
89) 1,2,4-Trichlorobenzene	14.884	180	2359m	1.46	ug/l	
90) Hexachlorobutadiene	14.978	225	2158	2.94	ug/l	91
91) Naphthalene	15.103	128	9911	1.92	ug/l	97

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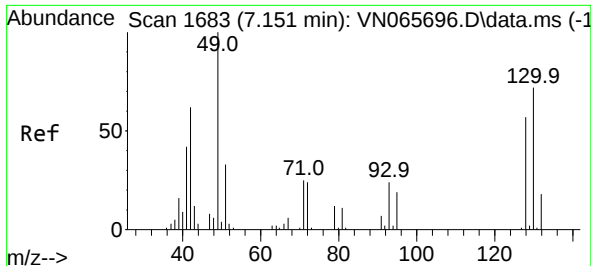
Manual Integrations
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Quant Time: Feb 03 15:10:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 03 14:50:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2,3-Trichlorobenzene	15.283	180	3553	2.19	ug/l	98

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



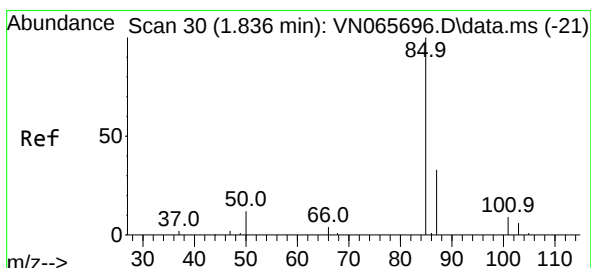
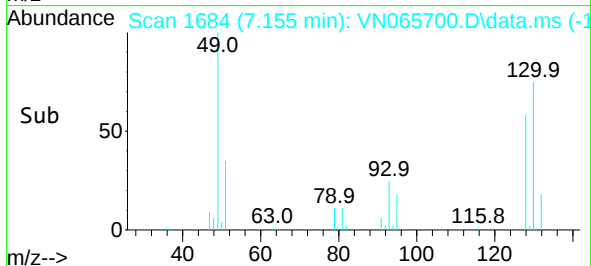
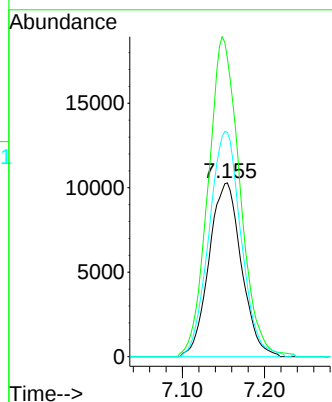
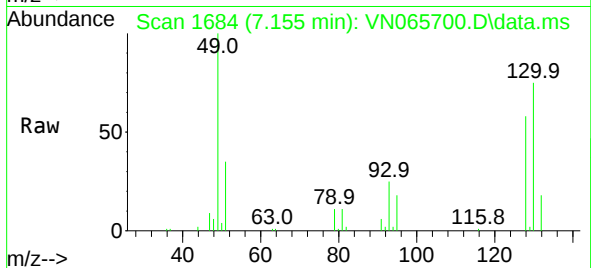
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 128 Resp: 28227
Ion Ratio Lower Upper
128 100
49 180.0 0.0 355.0
130 128.5 0.0 325.5

Instrument :
MSVOA_N
ClientSampled :
IBLK

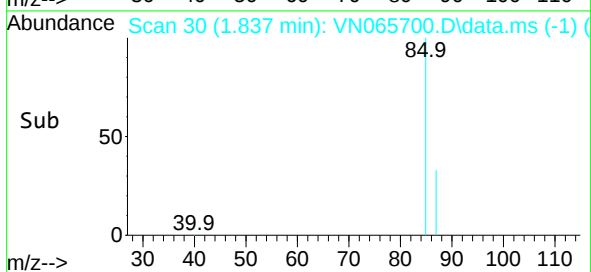
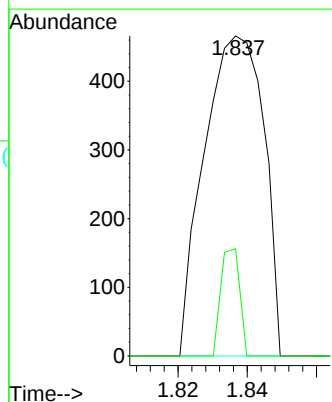
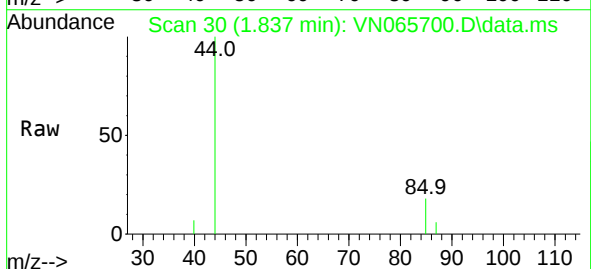
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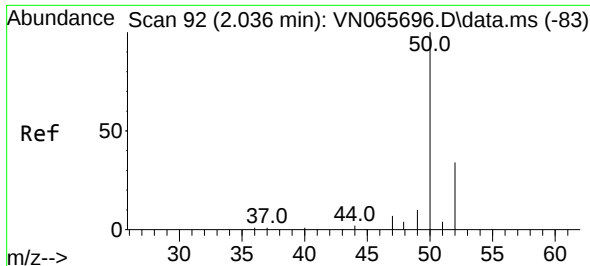
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#2
Dichlorodifluoromethane
Concen: 0.33 ug/l
RT: 1.837 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 85 Resp: 557
Ion Ratio Lower Upper
85 100
87 33.5 14.6 43.8





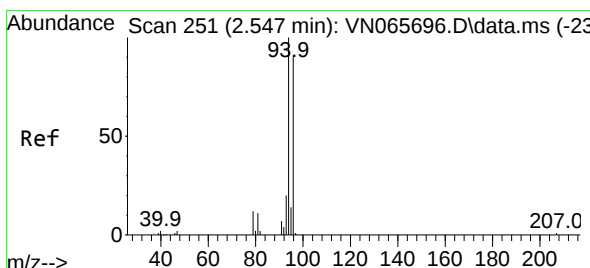
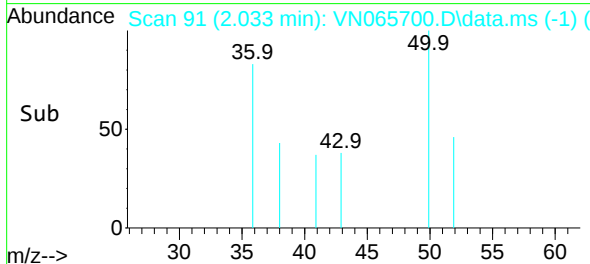
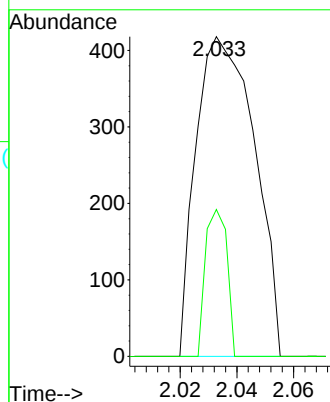
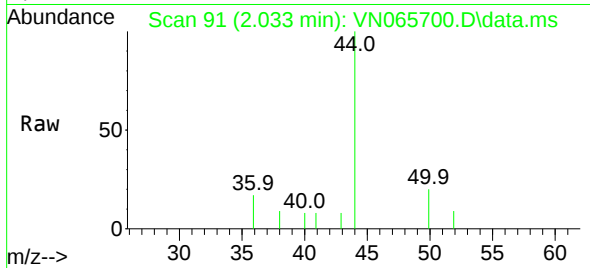
#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.033 min Scan# 91
Delta R.T. -0.003 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 50 Resp: 598
Ion Ratio Lower Upper
50 100
52 45.9 26.8 40.2#

Instrument :
MSVOA_N
ClientSampled :
IBLK

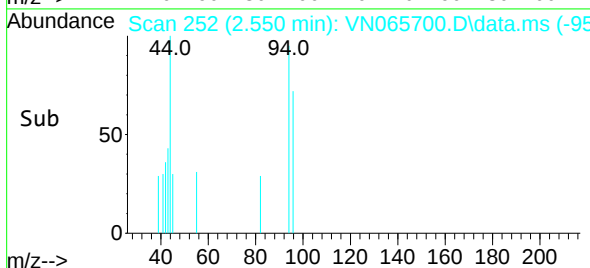
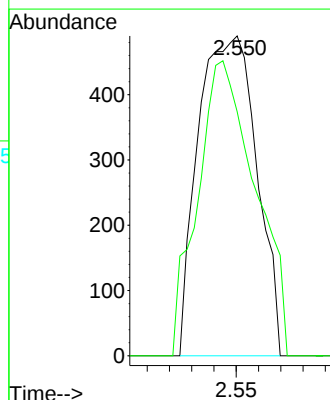
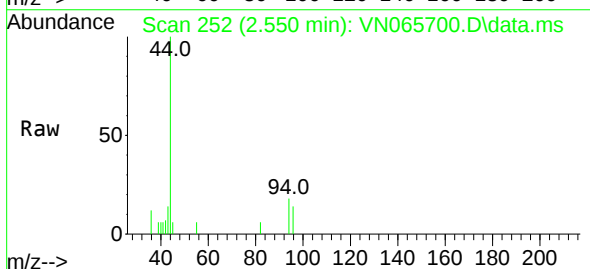
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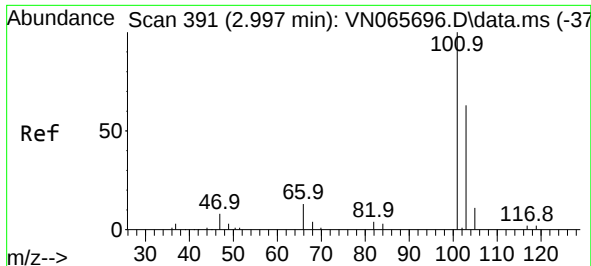
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#5
Bromomethane
Concen: 0.61 ug/l
RT: 2.550 min Scan# 252
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

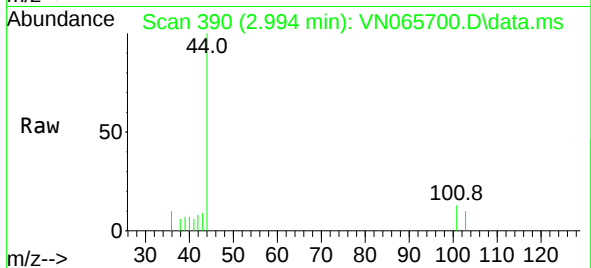
Tgt Ion: 94 Resp: 894
Ion Ratio Lower Upper
94 100
96 45.1 74.6 111.8#





#7
 Trichlorofluoromethane
 Concen: 0.23 ug/l
 RT: 2.994 min Scan# 390
 Delta R.T. -0.003 min
 Lab File: VN065700.D
 Acq: 3 Feb 2021 14:52

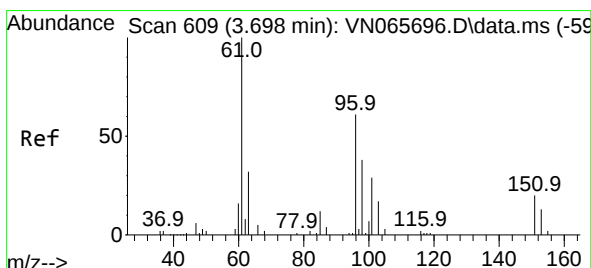
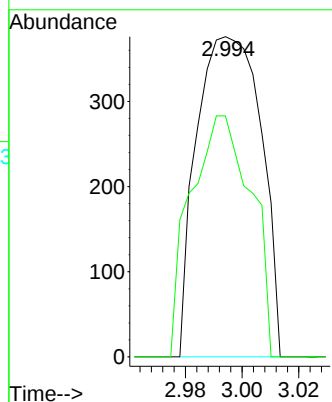
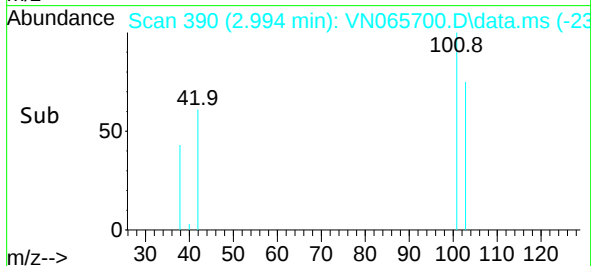
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK



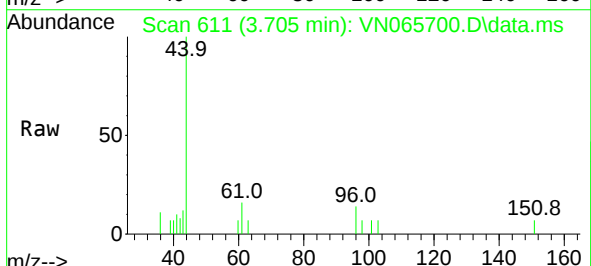
Tgt Ion:101 Resp: 592
 Ion Ratio Lower Upper
 101 100
 103 75.3 52.6 78.8

Manual Integrations
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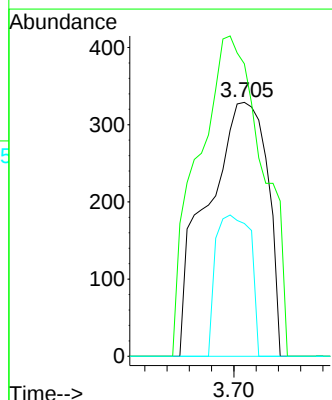
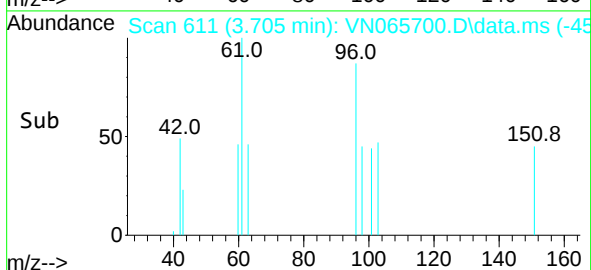
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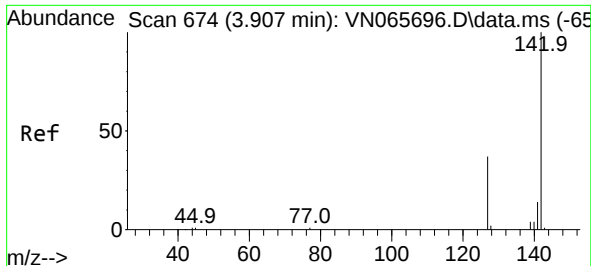


#10
 1,1-Dichloroethene
 Concen: 0.37 ug/l
 RT: 3.705 min Scan# 611
 Delta R.T. 0.007 min
 Lab File: VN065700.D
 Acq: 3 Feb 2021 14:52

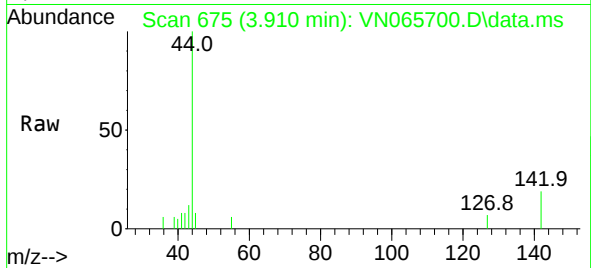


Tgt Ion: 96 Resp: 618
 Ion Ratio Lower Upper
 96 100
 61 62.9 119.9 179.9#
 98 52.3 51.2 76.8

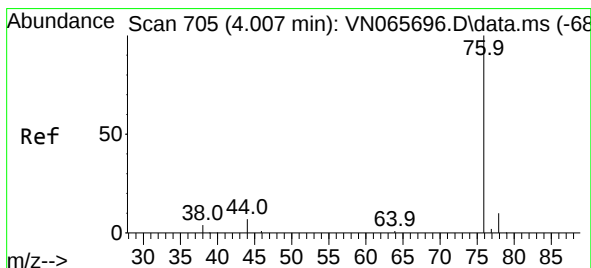
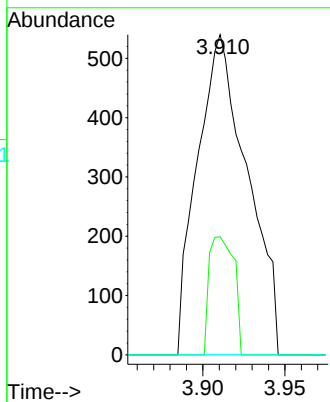
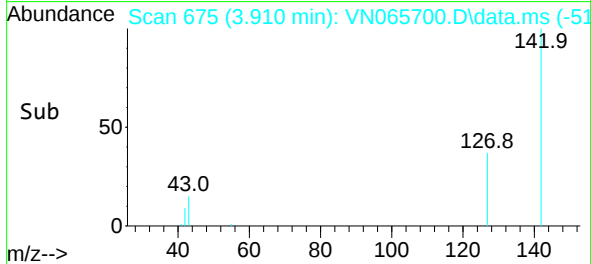




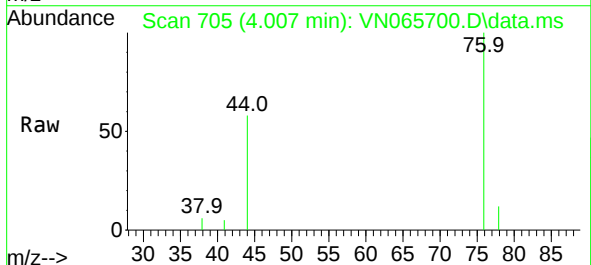
#11
Methyl Iodide
Concen: 0.49 ug/l
RT: 3.910 min Scan# 675
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



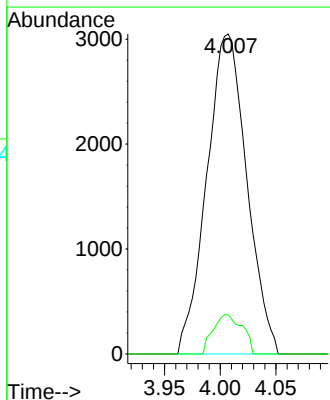
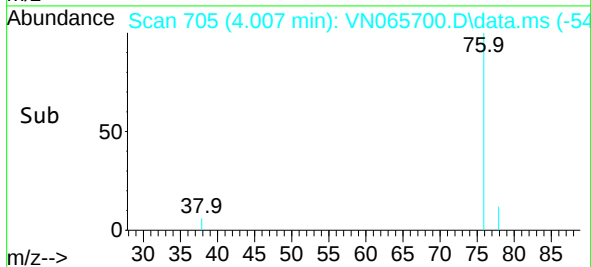
Tgt Ion:142 Resp: 1143
Ion Ratio Lower Upper
142 100
127 36.9 19.1 57.5
141 0.0 7.0 20.9#



#16
Carbon Disulfide
Concen: 1.47 ug/l
RT: 4.007 min Scan# 705
Delta R.T. 0.000 min
Lab File: VN065700.D
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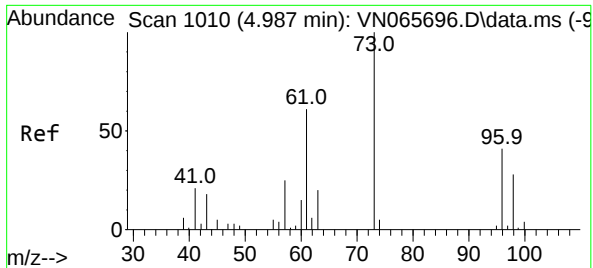
Tgt Ion: 76 Resp: 7624
Ion Ratio Lower Upper
76 100
78 12.2 7.8 11.8#



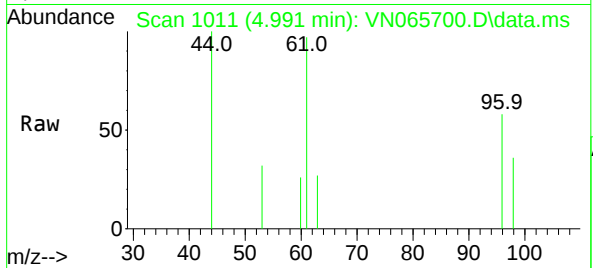
Instrument :
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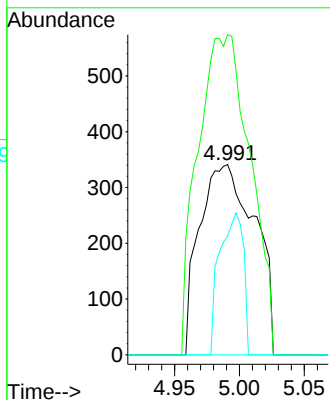
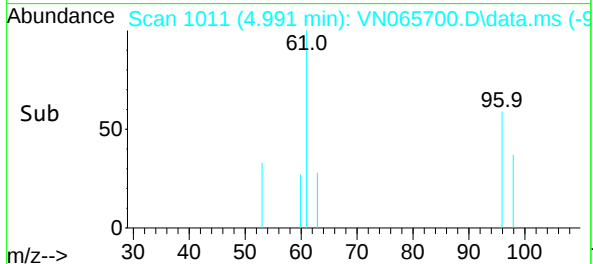
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#19
trans-1,2-Dichloroethene
Concen: 0.56 ug/l m
RT: 4.991 min Scan# 1011
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



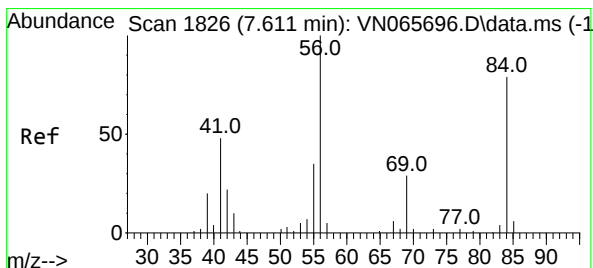
Tgt Ion: 96 Resp: 1010
Ion Ratio Lower Upper
96 100
61 168.3 106.2 159.2#
98 62.5 52.4 78.6



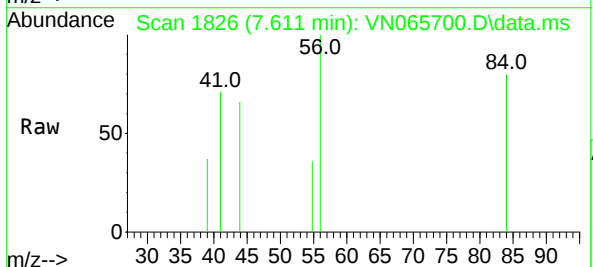
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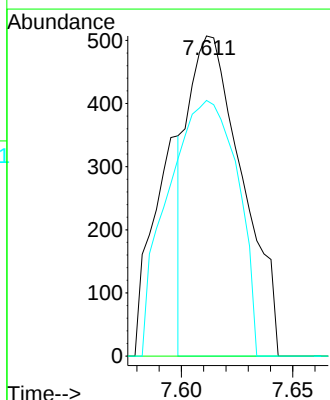
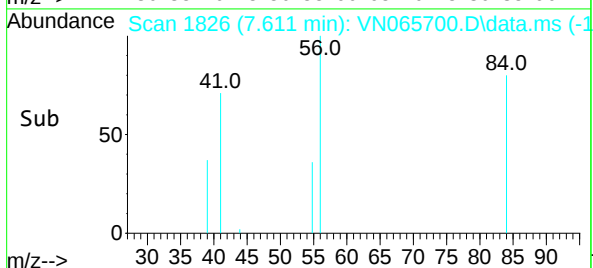
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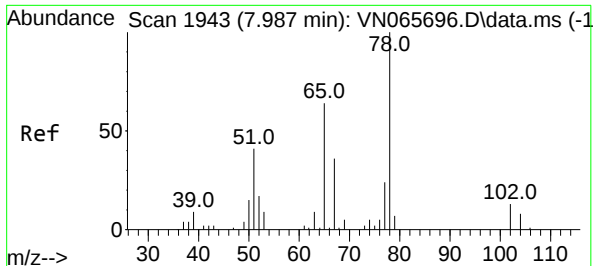


#26
Cyclohexane
Concen: 0.26 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
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Tgt Ion: 56 Resp: 861
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 102.1 72.8 109.2





#27

1,2-Dichloroethane-d4

Concen: 30.54 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065700.D

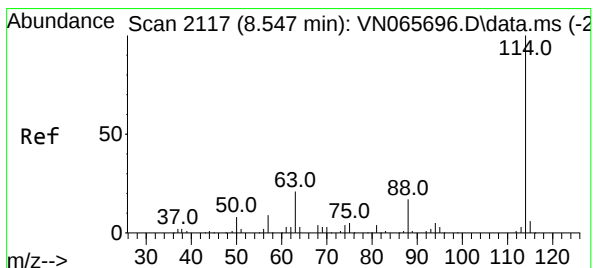
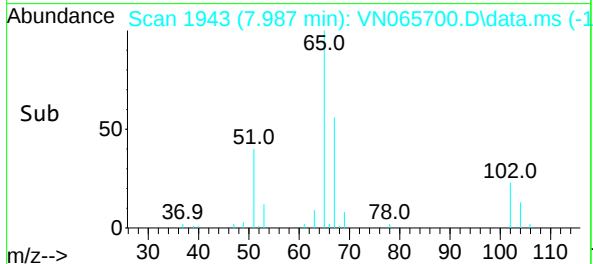
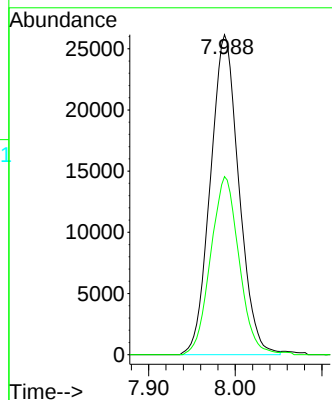
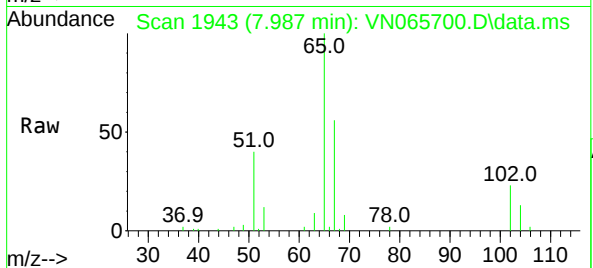
Acq: 3 Feb 2021 14:52

Tgt Ion: 65 Resp: 59796

Ion Ratio Lower Upper

65 100

67 55.5 42.8 64.2



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. 0.000 min

Lab File: VN065700.D

Acq: 3 Feb 2021 14:52

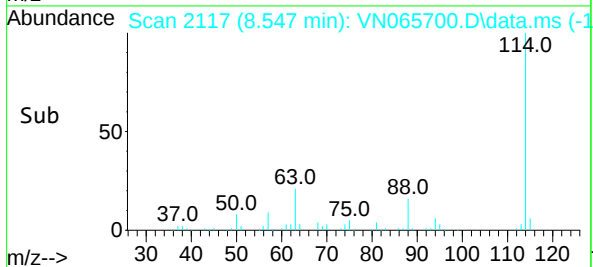
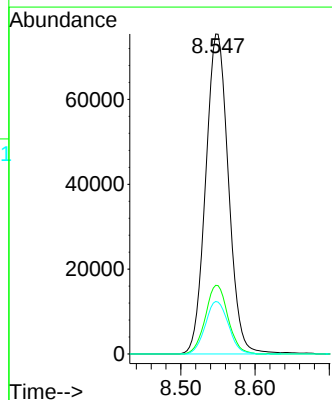
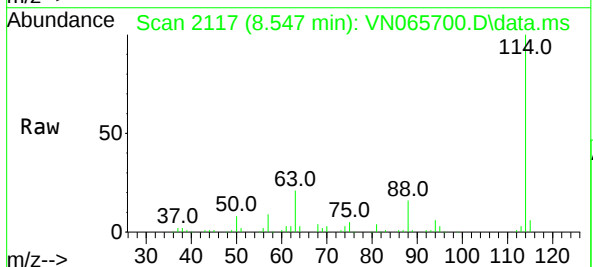
Tgt Ion: 114 Resp: 160384

Ion Ratio Lower Upper

114 100

63 21.4 14.7 22.1

88 16.6 11.7 17.5



Instrument :

MSVOA_N

ClientSampled :

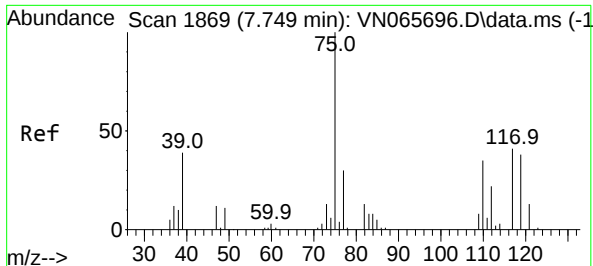
IBLK

Manual Integrations

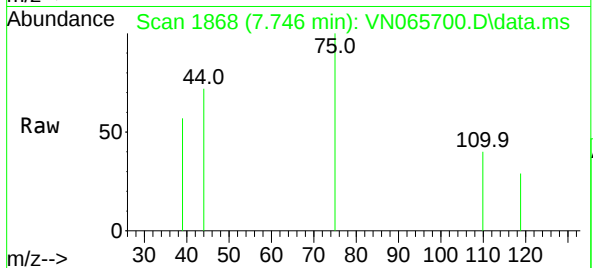
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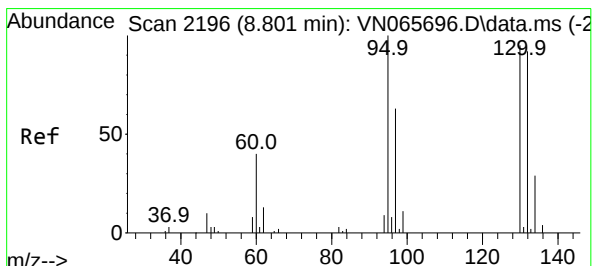
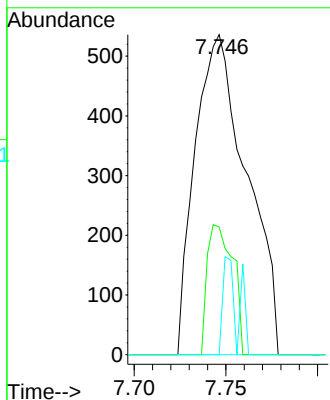
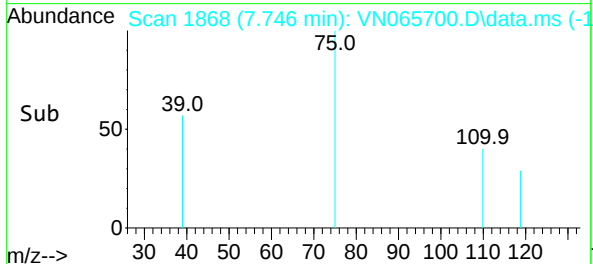
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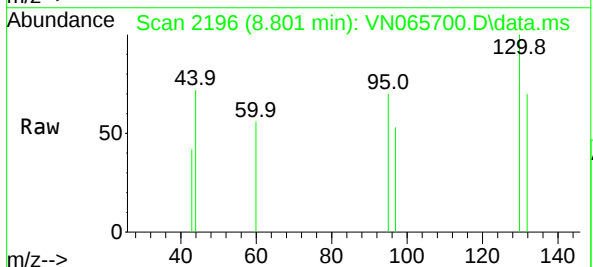
#29
1,1-Dichloropropene
Concen: 0.41 ug/l
RT: 7.746 min Scan# 1868
Delta R.T. -0.003 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



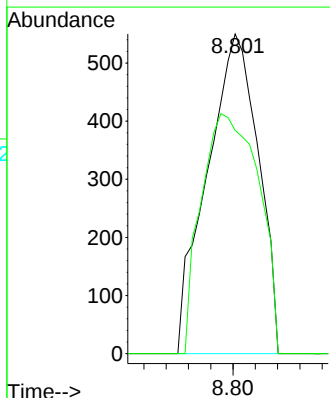
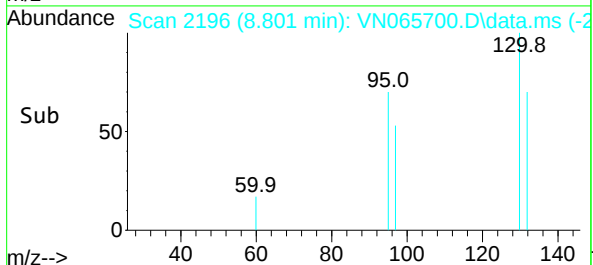
Tgt Ion: 75 Resp: 1050
Ion Ratio Lower Upper
75 100
110 17.3 0.0 74.2
77 5.9 0.0 61.0



#37
Trichloroethene
Concen: 0.45 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



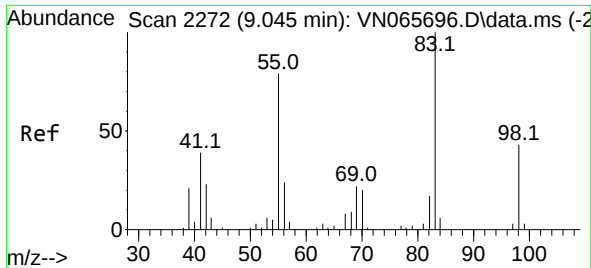
Tgt Ion: 130 Resp: 878
Ion Ratio Lower Upper
130 100
95 69.8 74.0 111.0#



Instrument :
MSVOA_N
ClientSampled :
IBLK

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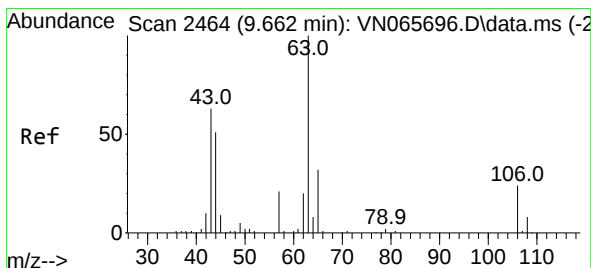
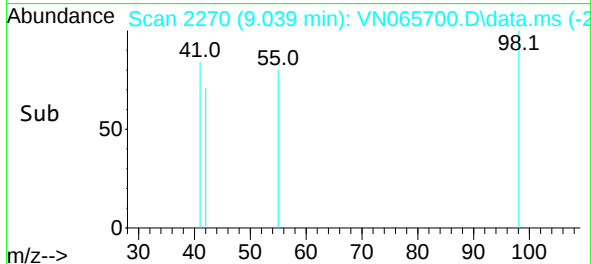
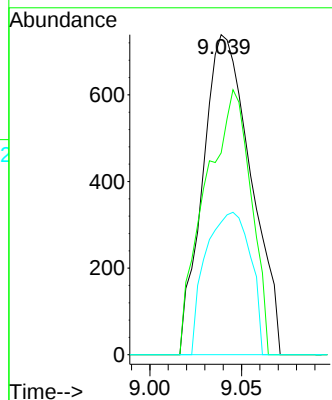
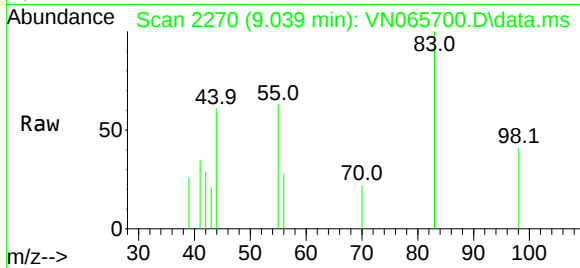
#38
Methylcyclohexane
Concen: 0.44 ug/l
RT: 9.039 min Scan# 2270
Delta R.T. -0.006 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion:	83	Resp:	1349
Ion	Ratio	Lower	Upper
83	100		
55	50.5	37.2	111.6
98	41.4	23.8	71.4

Instrument :
MSVOA_N
ClientSampled :
IBLK

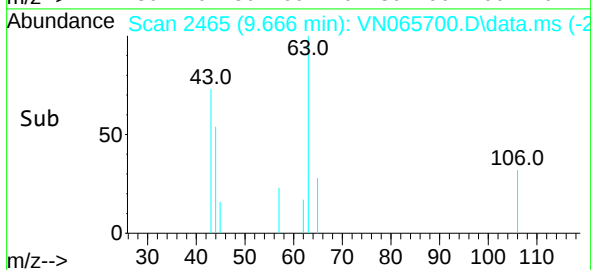
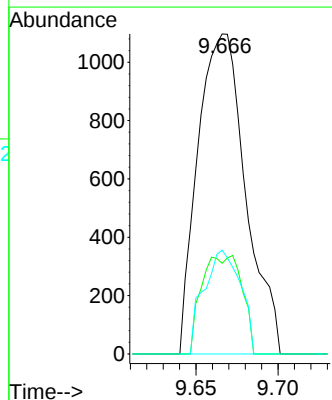
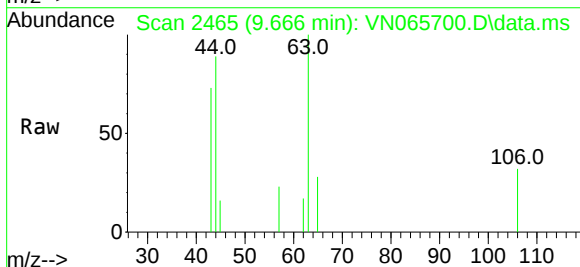
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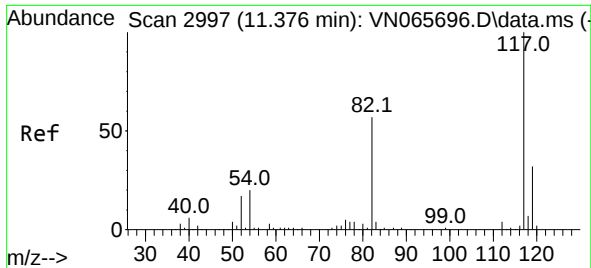
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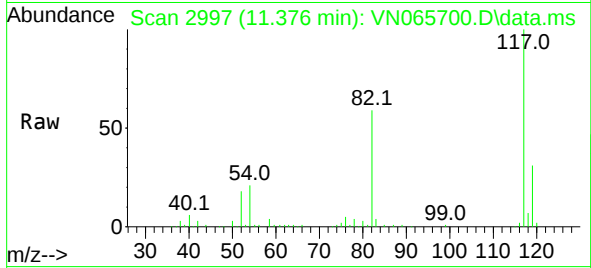
#55
2-Chloroethyl vinyl ether
Concen: 1.72 ug/l
RT: 9.666 min Scan# 2465
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion:	63	Resp:	2220
Ion	Ratio	Lower	Upper
63	100		
65	14.4	25.7	38.5#
106	21.4	23.1	34.7#

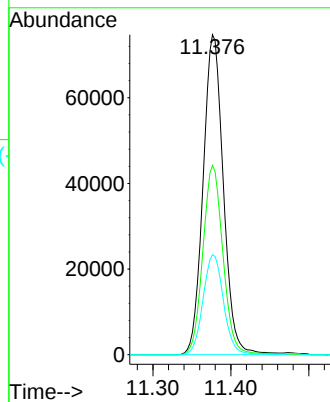
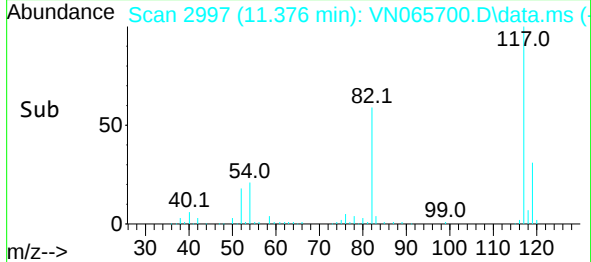




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



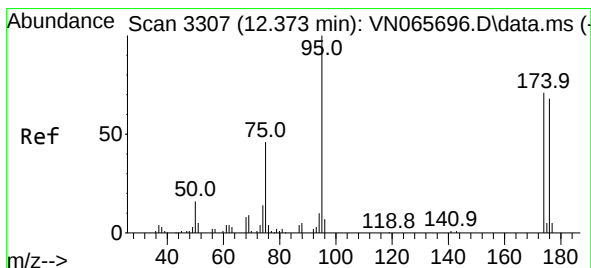
Tgt Ion:117 Resp: 134965
Ion Ratio Lower Upper
117 100
82 58.5 41.3 61.9
119 31.5 25.7 38.5



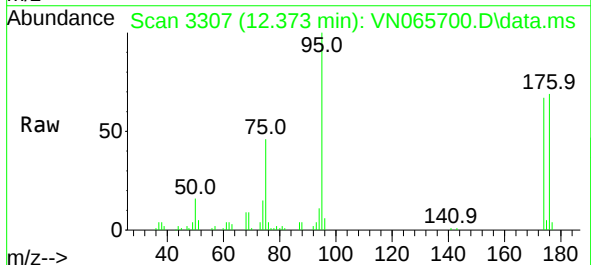
Instrument :
MSVOA_N
ClientSampled :
IBLK

Manual Integrations
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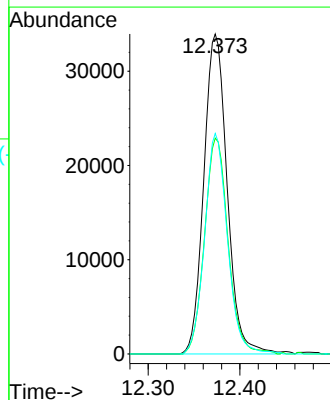
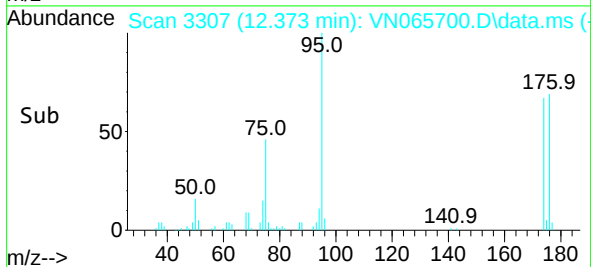
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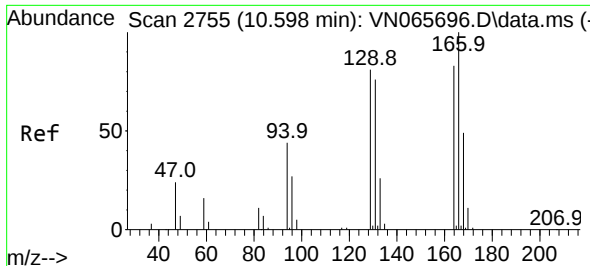


#60
4-Bromofluorobenzene
Concen: 27.37 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



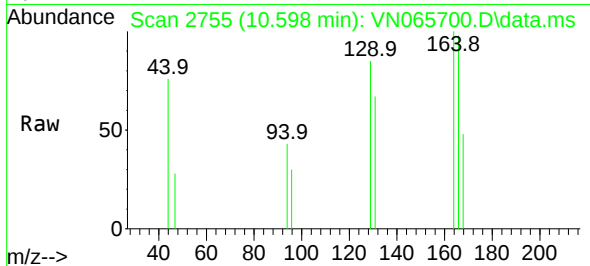
Tgt Ion: 95 Resp: 60104
Ion Ratio Lower Upper
95 100
174 68.1 77.0 115.6#
176 67.4 75.8 113.6#





#61
Tetrachloroethene
Concen: 0.54 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

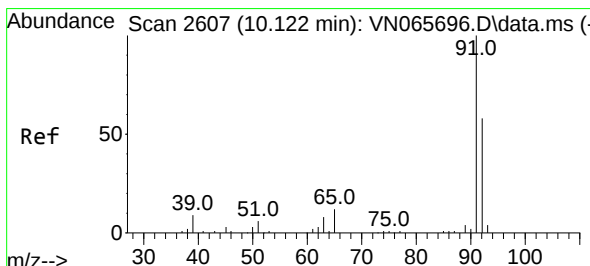
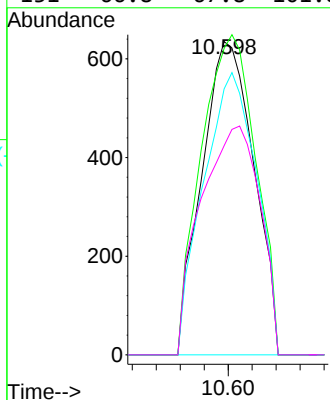
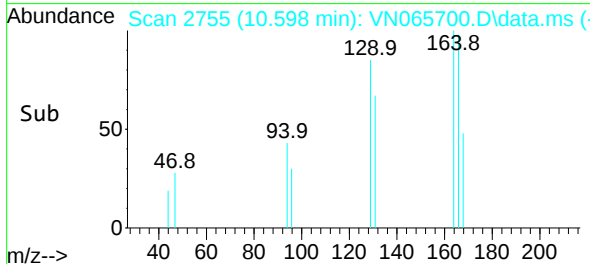
Instrument :
MSVOA_N
ClientSampled :
IBLK



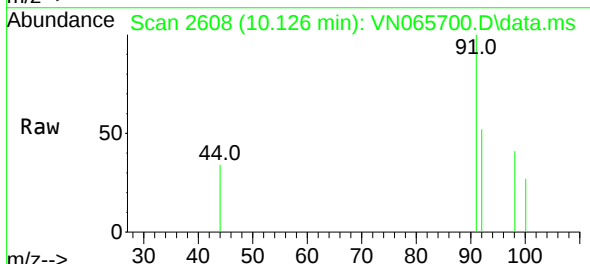
Tgt Ion:164 Resp: 956
Ion Ratio Lower Upper
164 100
166 97.8 101.2 151.8#
129 84.9 69.7 104.5
131 66.8 67.8 101.8#

Manual Integrations
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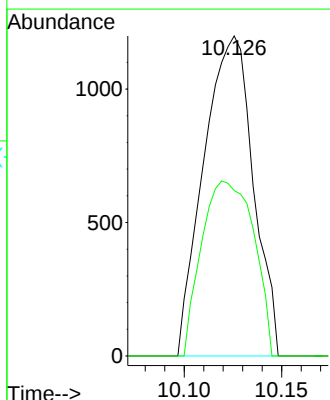
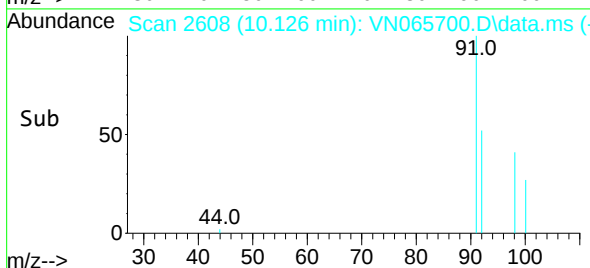
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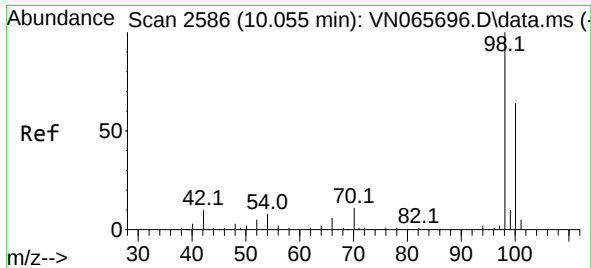


#62
Toluene
Concen: 0.27 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



Tgt Ion: 91 Resp: 2117
Ion Ratio Lower Upper
91 100
92 57.6 46.2 69.4





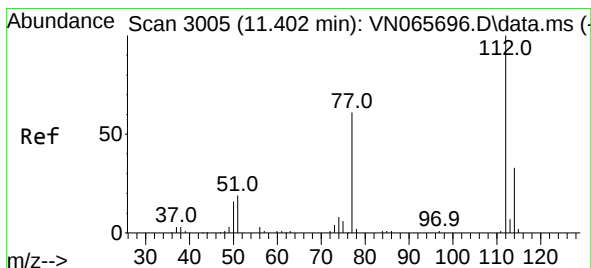
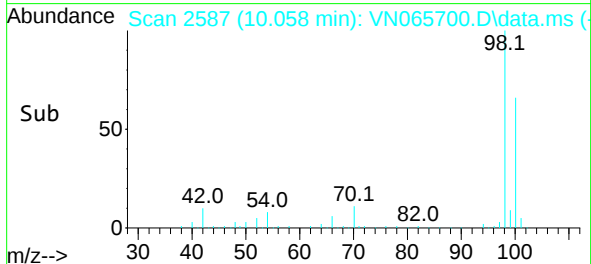
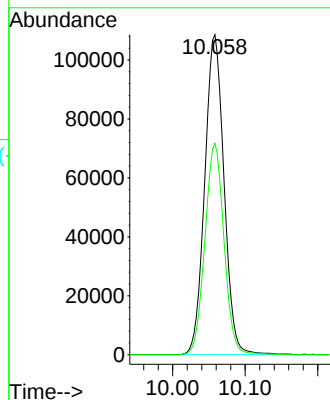
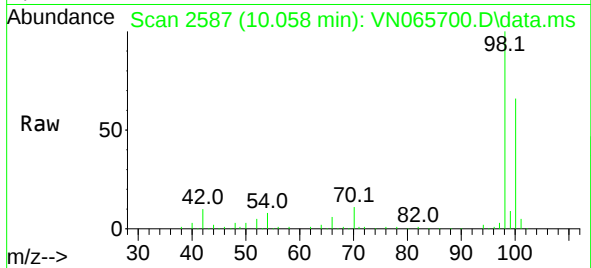
#63
Toluene-d8
Concen: 30.93 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 98 Resp: 200671
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

Instrument :
MSVOA_N
ClientSampled :
IBLK

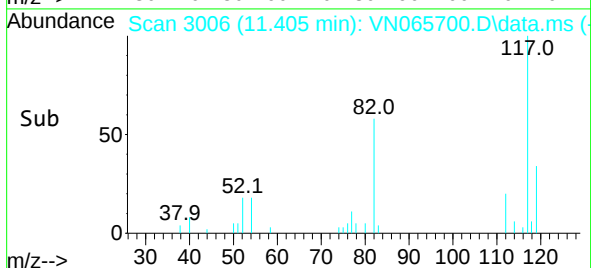
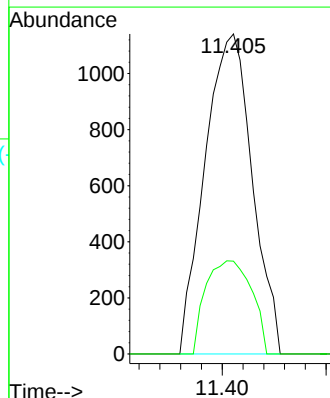
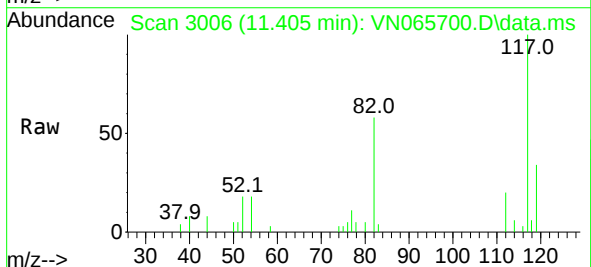
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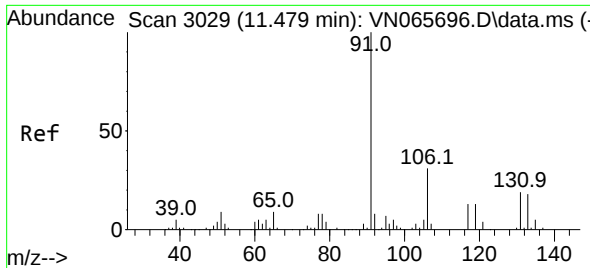
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#64
Chlorobenzene
Concen: 0.39 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 112 Resp: 1805
Ion Ratio Lower Upper
112 100
114 29.0 25.5 38.3





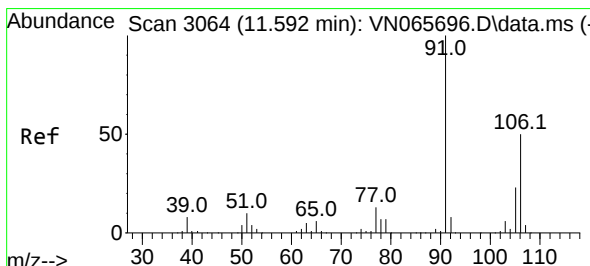
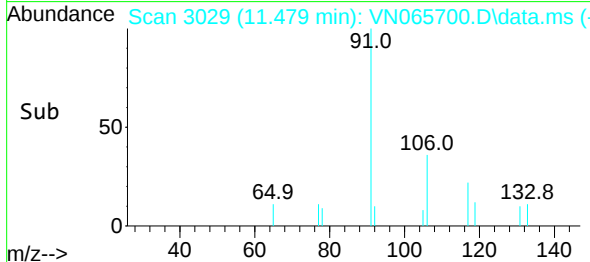
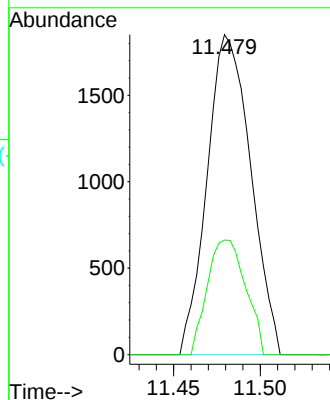
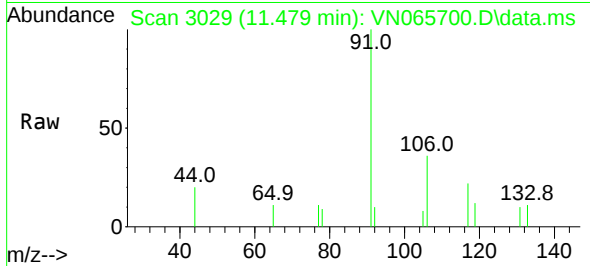
#66
Ethyl Benzene
Concen: 0.38 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 91 Resp: 3238
Ion Ratio Lower Upper
91 100
106 35.8 25.5 38.3

Instrument :
MSVOA_N
ClientSampled :
IBLK

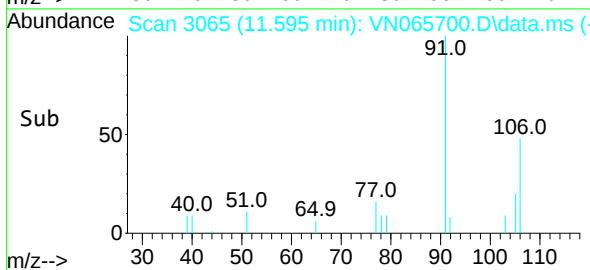
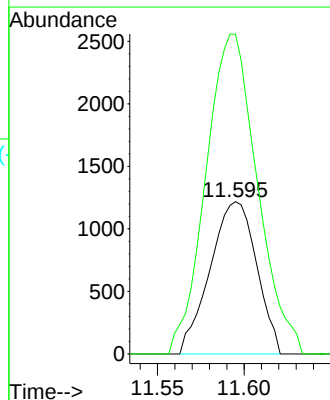
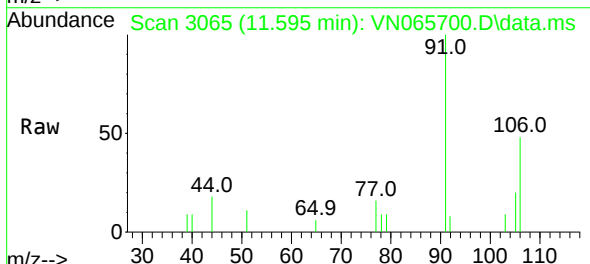
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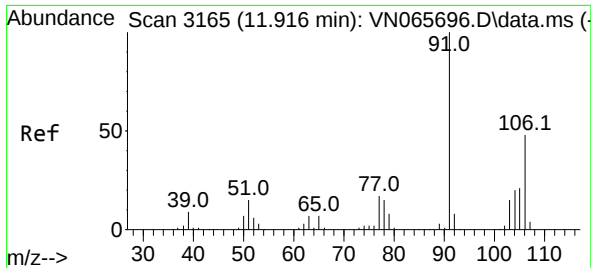
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#67
m/p-Xylenes
Concen: 0.72 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 106 Resp: 2271
Ion Ratio Lower Upper
106 100
91 232.1 159.0 238.6





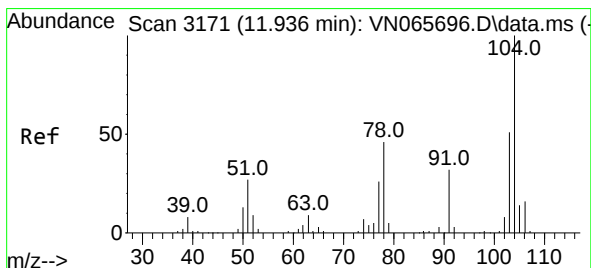
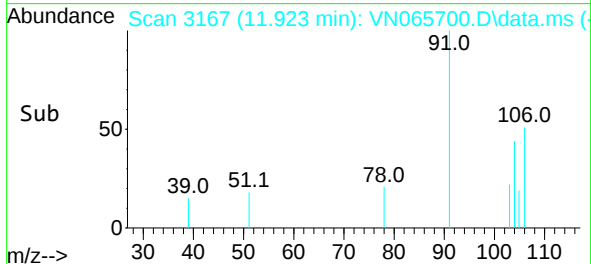
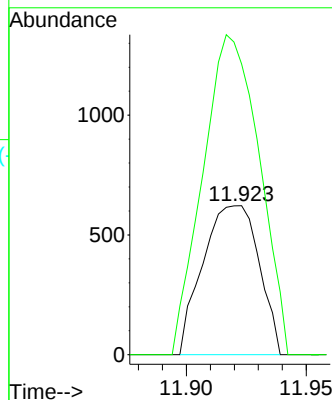
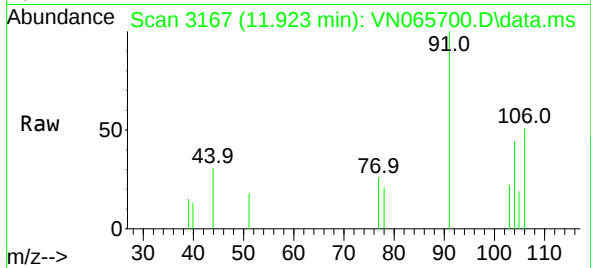
#68
o-Xylene
Concen: 0.33 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.007 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion:106 Resp: 1013
Ion Ratio Lower Upper
106 100
91 215.6 104.7 313.9

Instrument :
MSVOA_N
ClientSampled :
IBLK

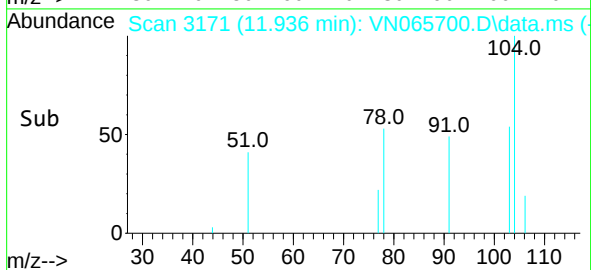
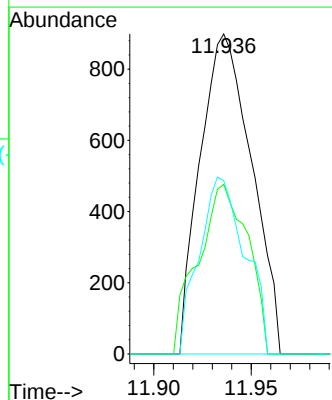
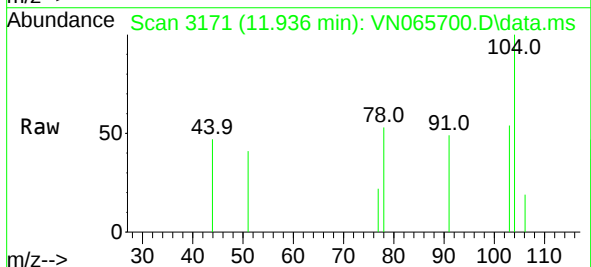
Manual Integrations
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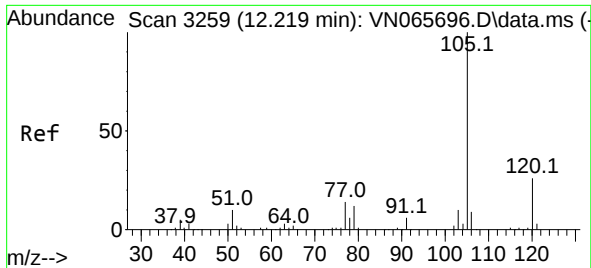
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#69
Styrene
Concen: 0.33 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion:104 Resp: 1650
Ion Ratio Lower Upper
104 100
78 51.5 38.0 57.0
103 44.1 44.3 66.5#





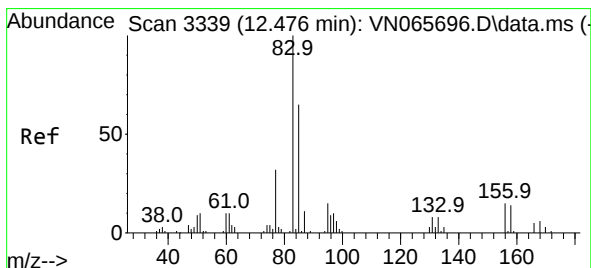
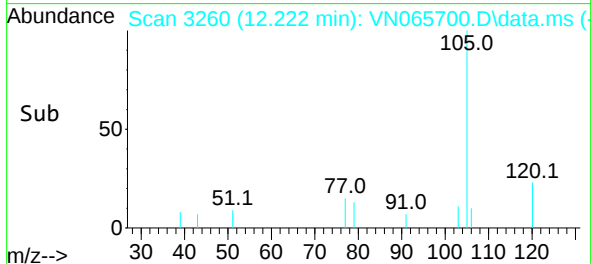
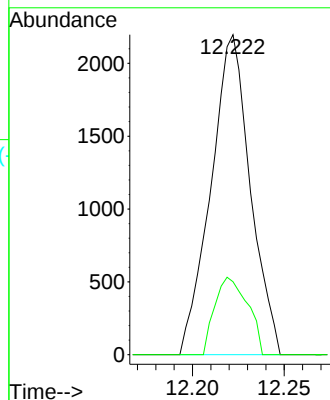
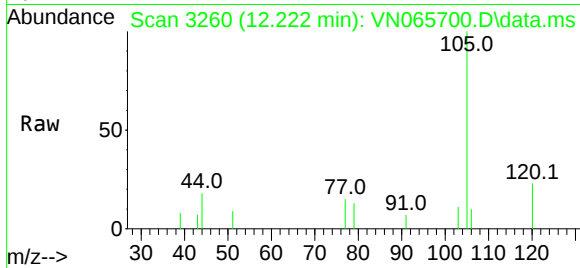
#70
Isopropylbenzene
Concen: 0.42 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 105 Resp: 3277
Ion Ratio Lower Upper
105 100
120 20.2 19.3 35.9

Instrument :
MSVOA_N
ClientSampled :
IBLK

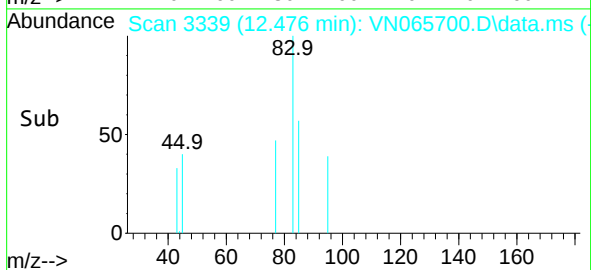
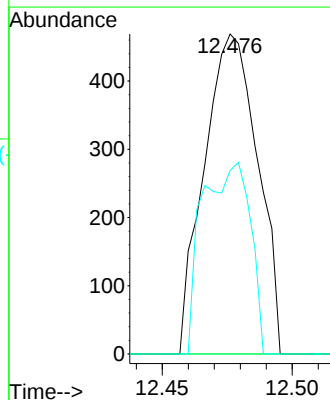
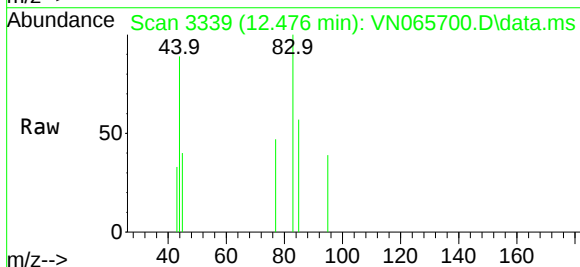
Manual Integrations
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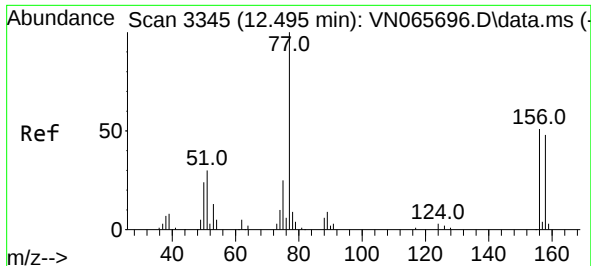
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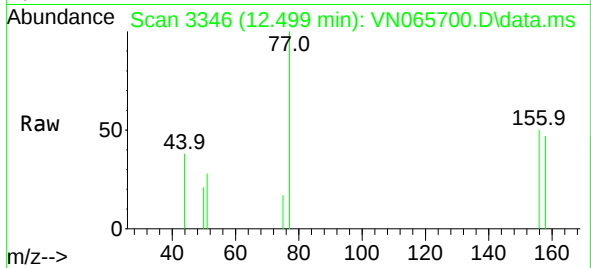
#71
1,1,2,2-Tetrachloroethane
Concen: 0.29 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 83 Resp: 671
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 26.8 32.1 96.5#

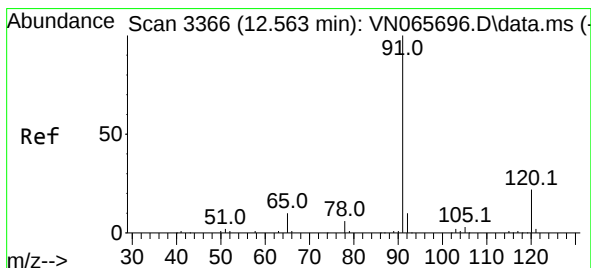
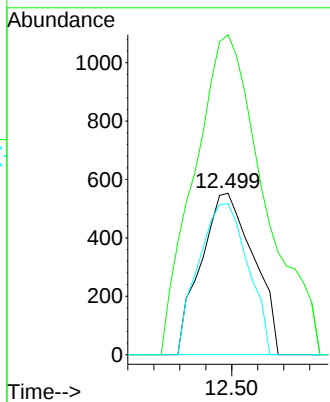
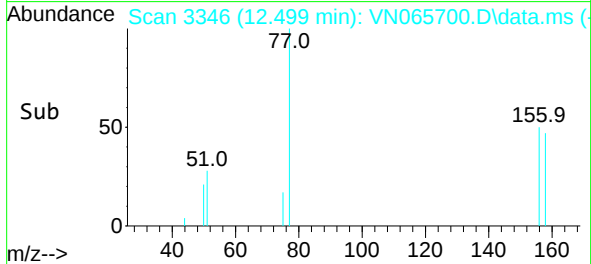




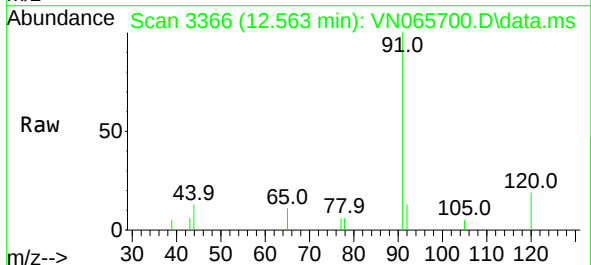
#73
Bromobenzene
Concen: 0.44 ug/l
RT: 12.499 min Scan# 3346
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



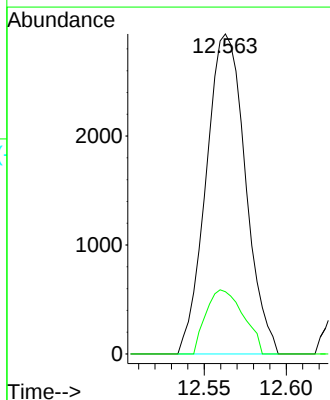
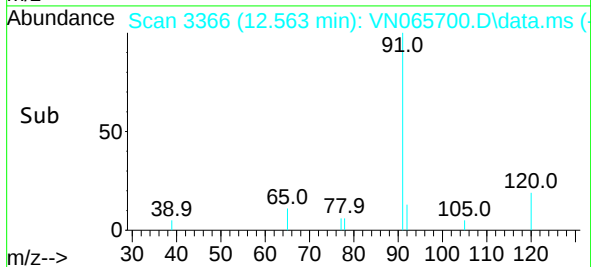
Tgt Ion: 156 Resp: 779
Ion Ratio Lower Upper
156 100
77 263.9 0.0 348.8
158 87.8 0.0 194.8



#74
n-propylbenzene
Concen: 0.54 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



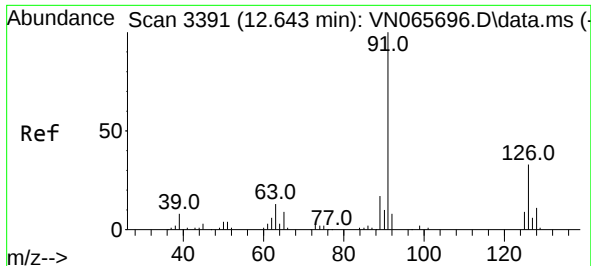
Tgt Ion: 91 Resp: 4887
Ion Ratio Lower Upper
91 100
120 19.1 0.0 49.4



Instrument :
MSVOA_N
ClientSampled :
IBLK

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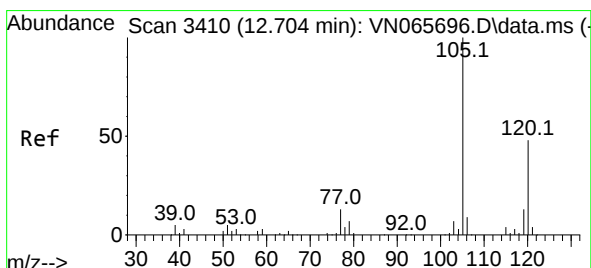
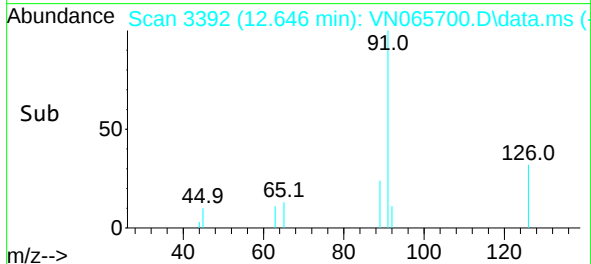
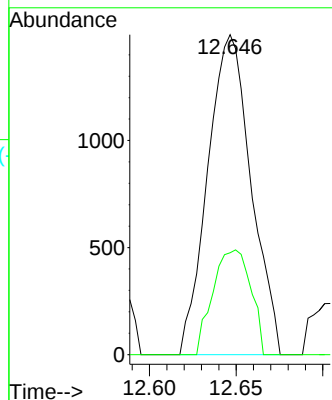
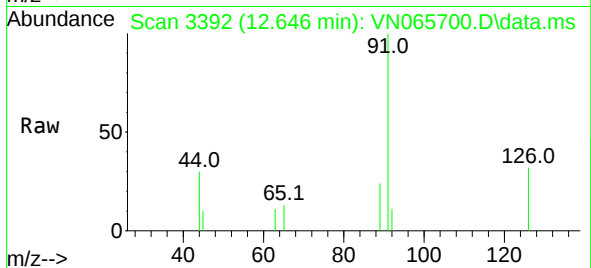
#75
2-Chlorotoluene
Concen: 0.47 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 91 Resp: 2604
Ion Ratio Lower Upper
91 100
126 28.5 0.0 74.2

Instrument :
MSVOA_N
ClientSampled :
IBLK

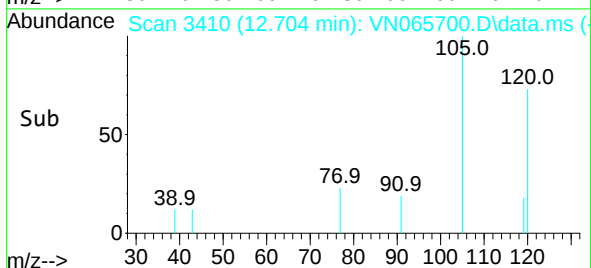
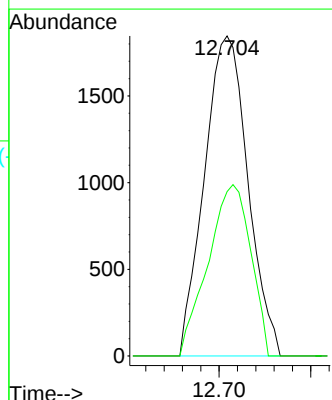
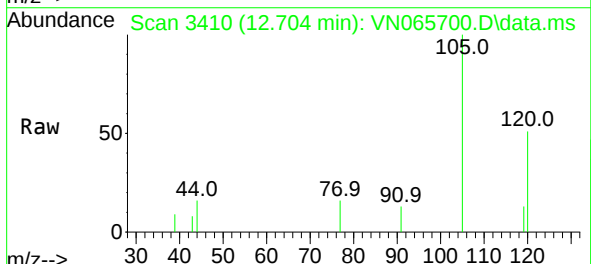
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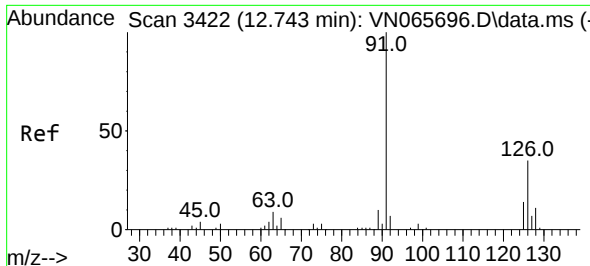
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#76
1,3,5-Trimethylbenzene
Concen: 0.46 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 105 Resp: 3042
Ion Ratio Lower Upper
105 100
120 52.5 0.0 101.6





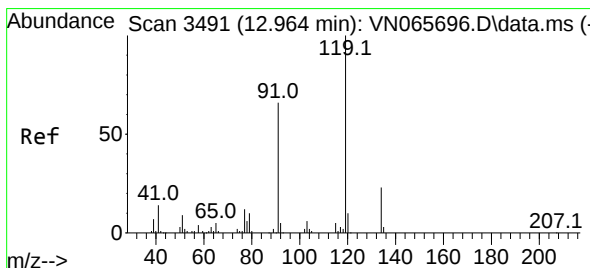
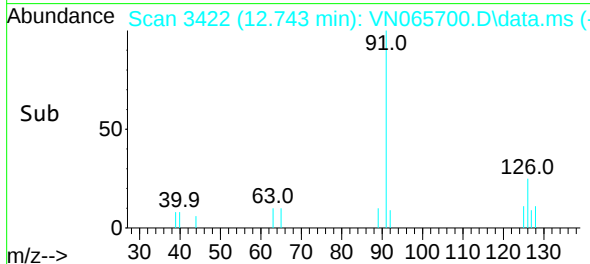
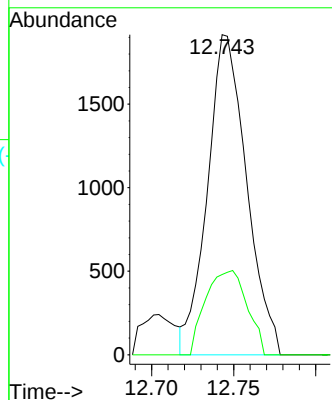
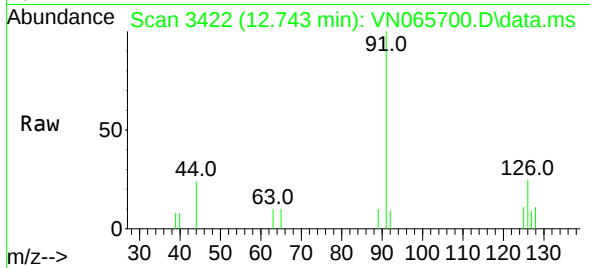
#78
4-Chlorotoluene
Concen: 0.58 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 91 Resp: 3172
Ion Ratio Lower Upper
91 100
126 27.8 0.0 71.4

Instrument :
MSVOA_N
ClientSampled :
IBLK

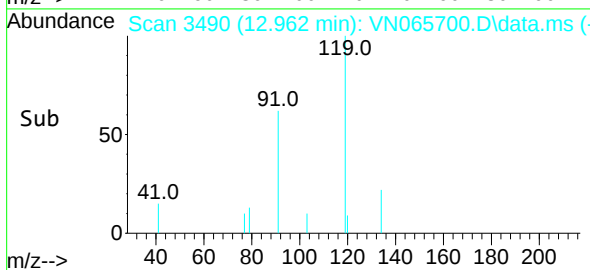
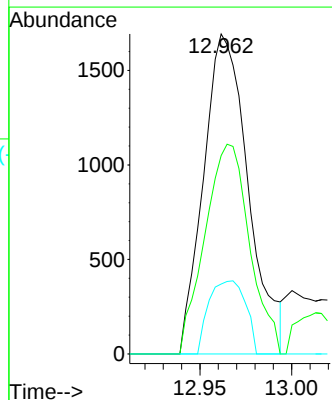
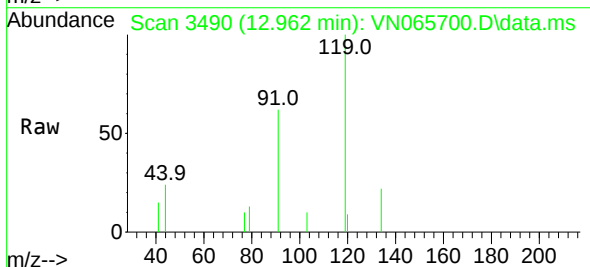
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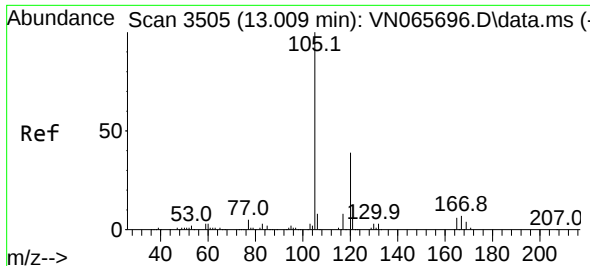
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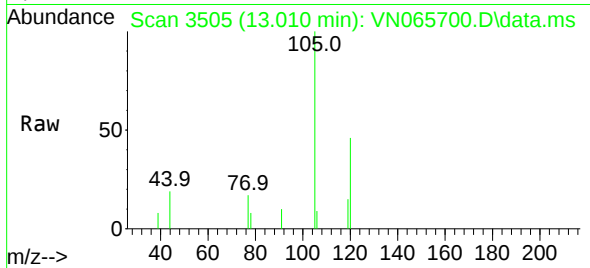
#79
tert-butylbenzene
Concen: 0.53 ug/l
RT: 12.962 min Scan# 3490
Delta R.T. -0.003 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion: 119 Resp: 2868
Ion Ratio Lower Upper
119 100
91 65.4 0.0 126.0
134 18.7 0.0 51.2

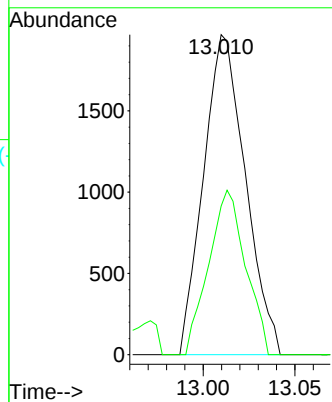
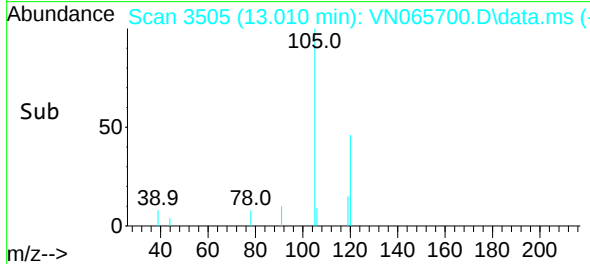




#80
1,2,4-Trimethylbenzene
Concen: 0.47 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



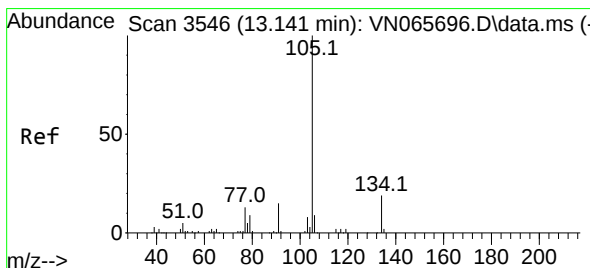
Tgt Ion:105 Resp: 3125
Ion Ratio Lower Upper
105 100
120 45.3 0.0 93.6



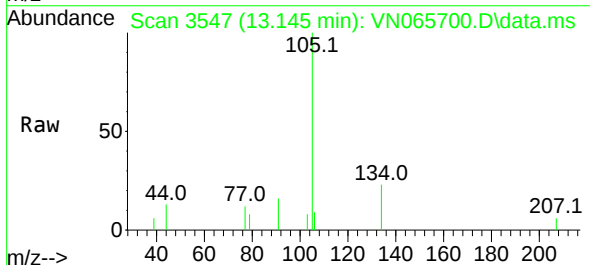
Instrument :
MSVOA_N
ClientSampled :
IBLK

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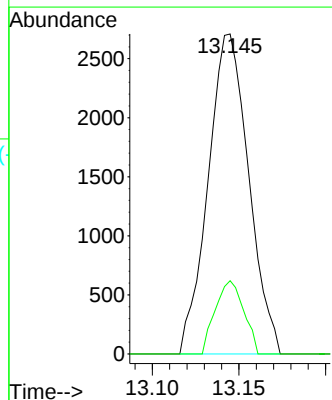
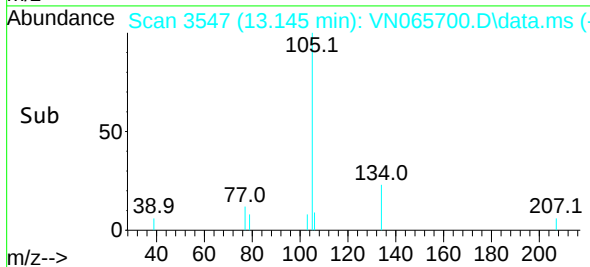
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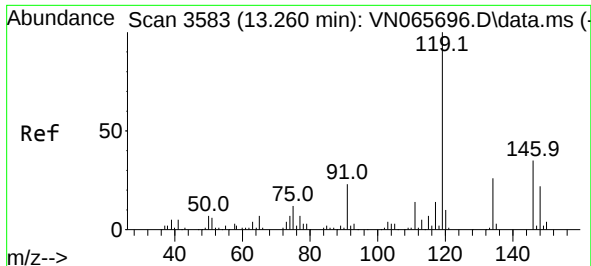


#81
sec-Butylbenzene
Concen: 0.61 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



Tgt Ion:105 Resp: 4411
Ion Ratio Lower Upper
105 100
134 16.1 0.0 42.2





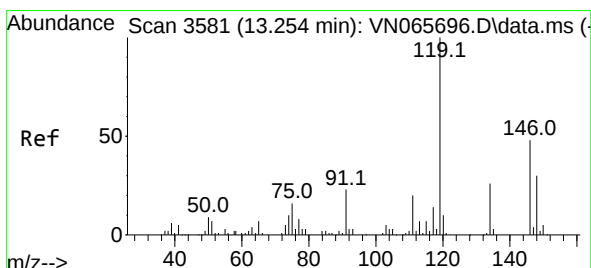
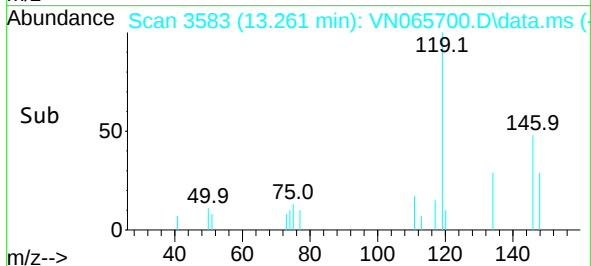
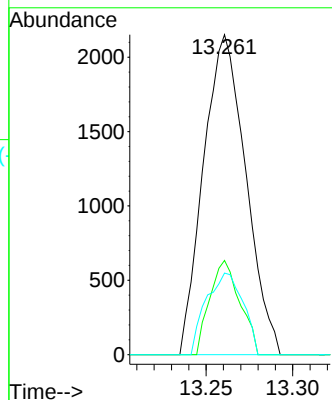
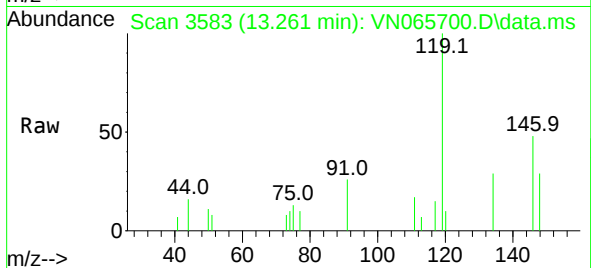
#82
p-Isopropyltoluene
Concen: 0.57 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion:	119	Resp:	3657
Ion	Ratio	Lower	Upper
119	100		
134	20.9	0.0	54.8
91	22.2	0.0	44.8

Instrument :
MSVOA_N
ClientSampled :
IBLK

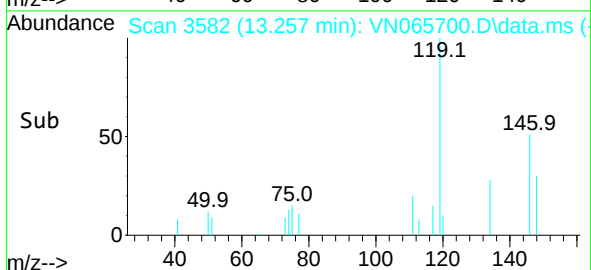
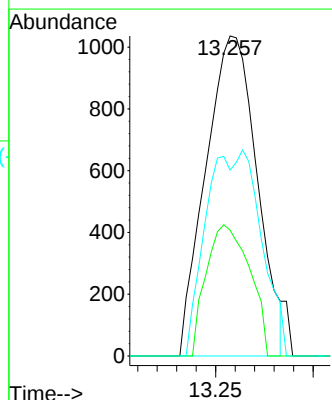
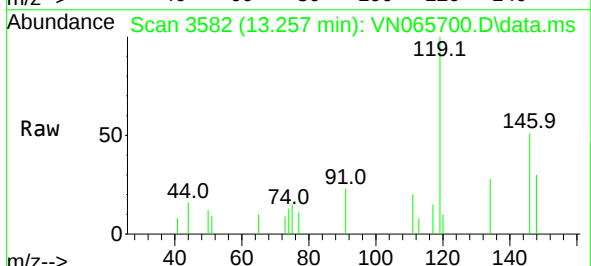
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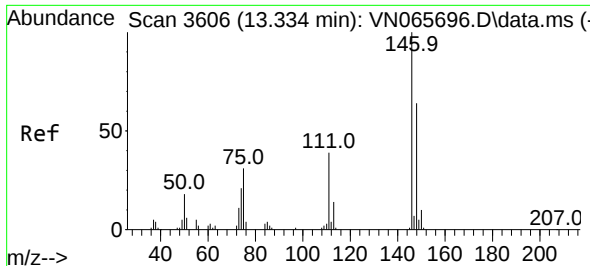
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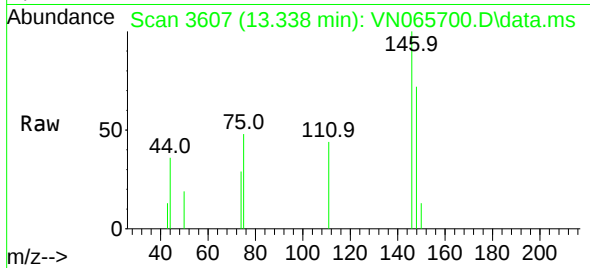
#83
1,3-Dichlorobenzene
Concen: 0.61 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

Tgt Ion:	146	Resp:	1889
Ion	Ratio	Lower	Upper
146	100		
111	34.9	18.6	55.8
148	34.0	32.0	96.2

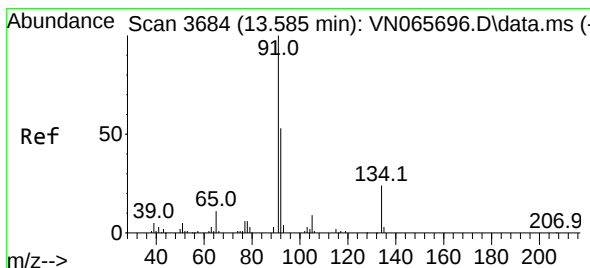
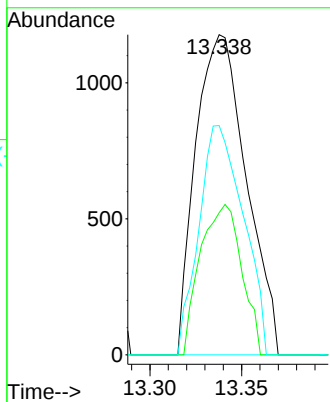
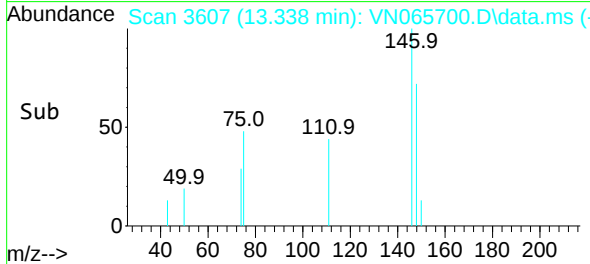




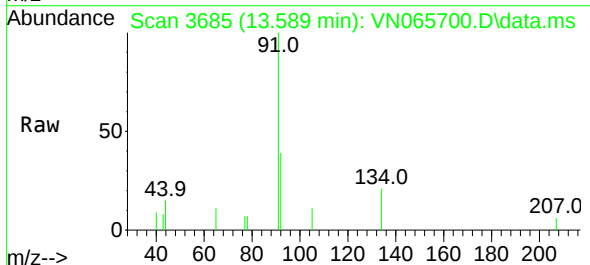
#84
1,4-Dichlorobenzene
Concen: 0.74 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



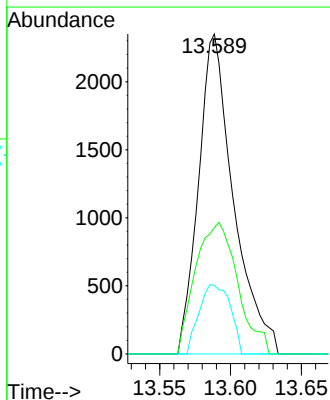
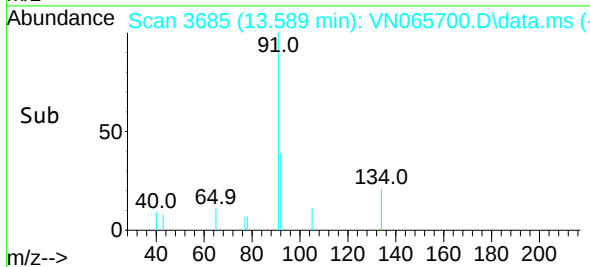
Tgt Ion:	146	Resp:	2257
Ion	Ratio	Lower	Upper
146	100		
111	38.4	17.9	53.7
148	63.0	31.8	95.4



#85
n-Butylbenzene
Concen: 0.71 ug/l
RT: 13.589 min Scan# 3685
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



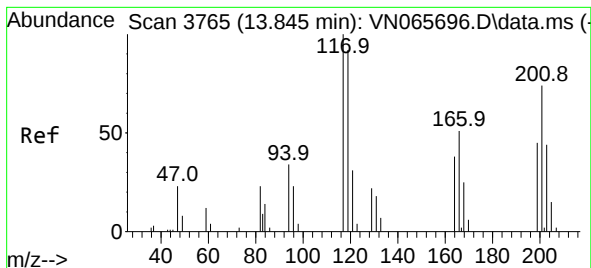
Tgt Ion:	91	Resp:	4034
Ion	Ratio	Lower	Upper
91	100		
92	48.8	0.0	104.8
134	19.2	0.0	55.8



Instrument :
MSVOA_N
ClientSampled :
IBLK

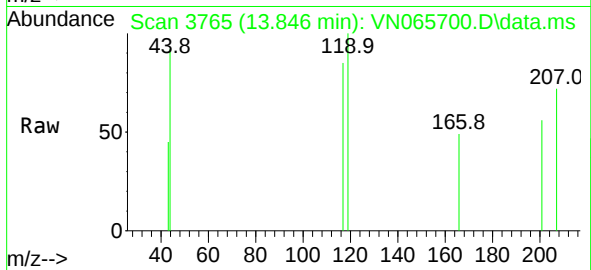
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#86
Hexachloroethane
Concen: 0.41 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

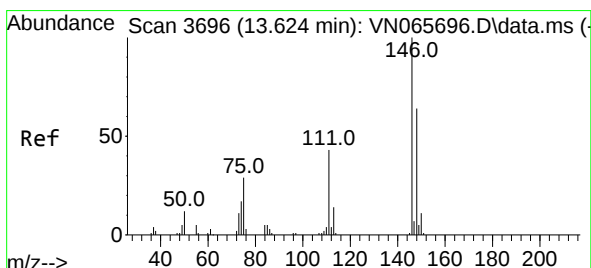
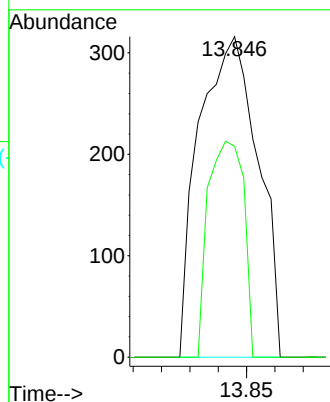
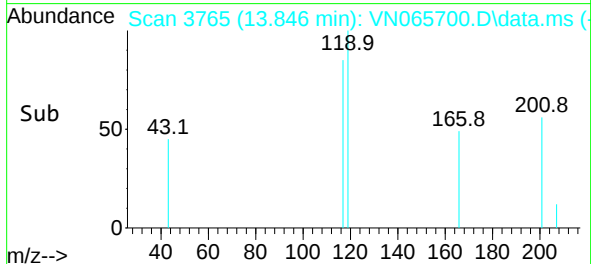
Instrument :
MSVOA_N
ClientSampled :
IBLK



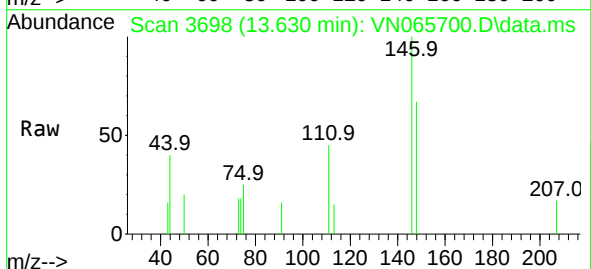
Tgt Ion:117 Resp: 456
Ion Ratio Lower Upper
117 100
201 40.6 48.4 145.3#

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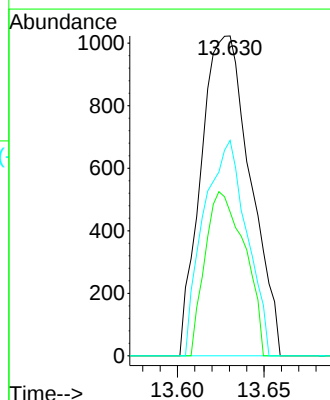
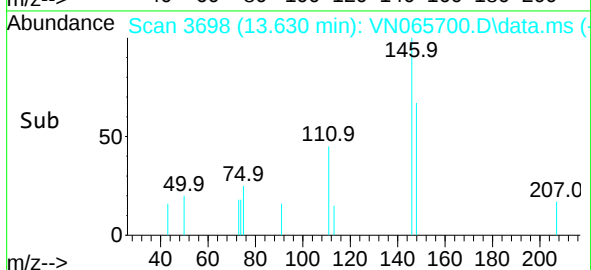
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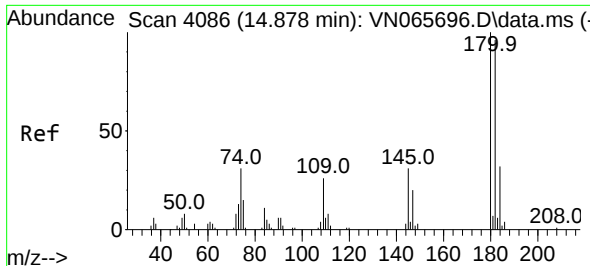


#87
1,2-Dichlorobenzene
Concen: 0.66 ug/l
RT: 13.630 min Scan# 3698
Delta R.T. 0.007 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



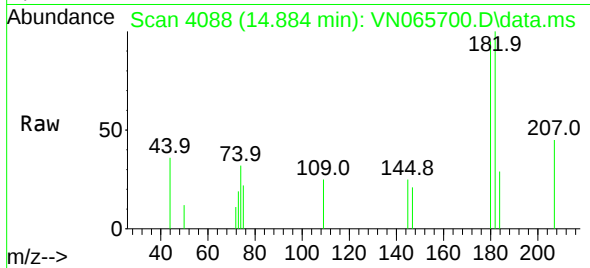
Tgt Ion:146 Resp: 2033
Ion Ratio Lower Upper
146 100
111 41.1 18.9 56.9
148 58.5 32.3 96.8





#89
1,2,4-Trichlorobenzene
Concen: 1.46 ug/l m
RT: 14.884 min Scan# 4088
Delta R.T. 0.007 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

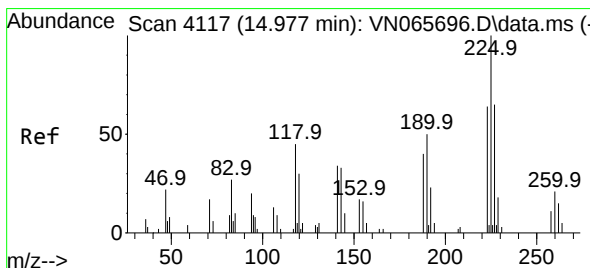
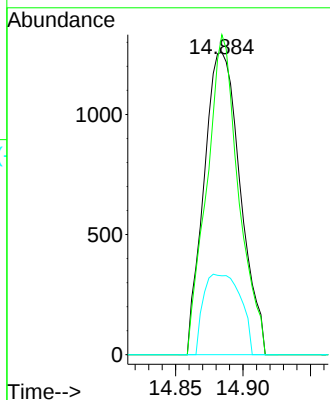
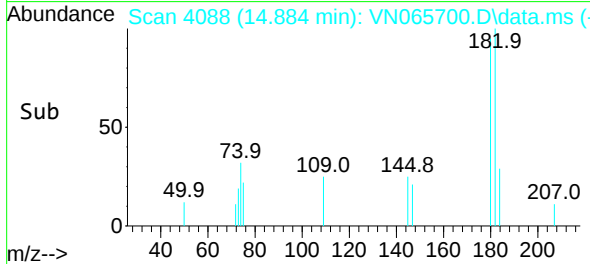
Instrument :
MSVOA_N
ClientSampled :
IBLK



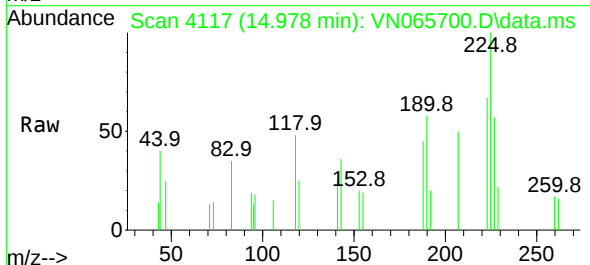
Tgt Ion:180 Resp: 2359
Ion Ratio Lower Upper
180 100
182 145.8 78.5 117.7#
145 41.7 23.8 35.6#

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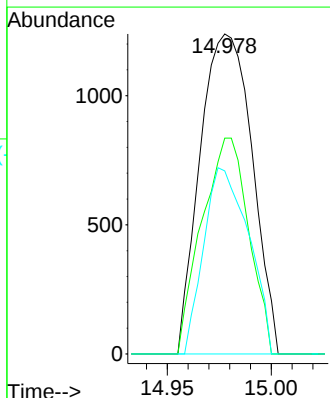
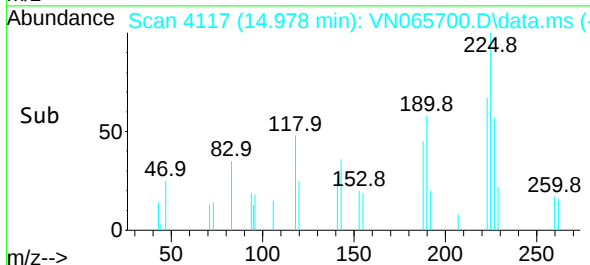
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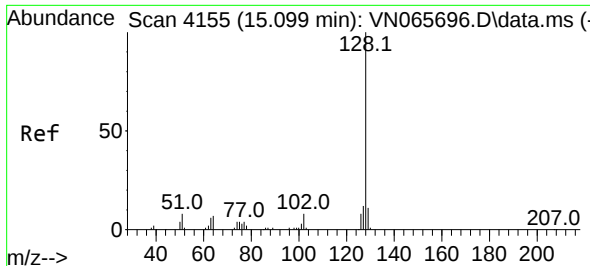


#90
Hexachlorobutadiene
Concen: 2.94 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



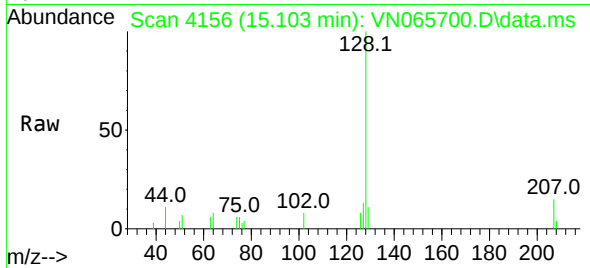
Tgt Ion:225 Resp: 2158
Ion Ratio Lower Upper
225 100
223 60.4 0.0 122.0
227 50.1 0.0 126.4





#91
Naphthalene
Concen: 1.92 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52

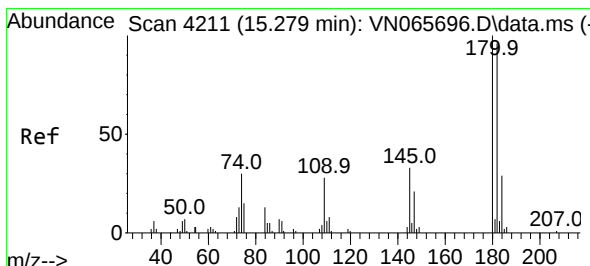
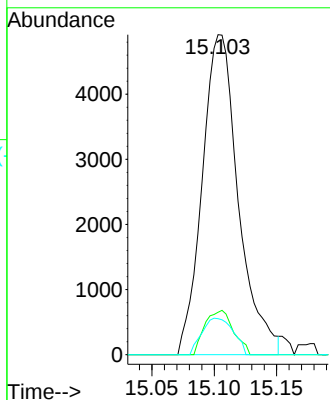
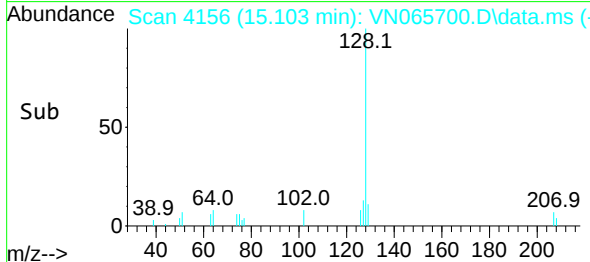
Instrument :
MSVOA_N
ClientSampled :
IBLK



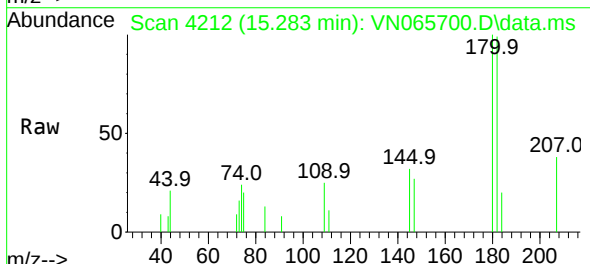
Tgt Ion:128 Resp: 9911
Ion Ratio Lower Upper
128 100
127 11.0 10.1 15.1
129 9.9 8.6 12.8

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#92
1,2,3-Trichlorobenzene
Concen: 2.19 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.004 min
Lab File: VN065700.D
Acq: 3 Feb 2021 14:52



Tgt Ion:180 Resp: 3553
Ion Ratio Lower Upper
180 100
182 96.8 0.0 190.4
145 27.7 0.0 57.8

