

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
 Data File : VN066136.D
 Acq On : 5 Mar 2021 15:35
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

MMDadoda
 3/8/2021 10:53:40 AM

Quant Time: Mar 06 02:40:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 06 02:33:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.171	128	41012	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.556	114	232829	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	203653	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.997	65	105394	29.60	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.67%		
60) 4-Bromofluorobenzene	12.373	95	94341	26.75	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.17%		
63) Toluene-d8	10.061	98	286456	31.21	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	104.03%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.872	85	601	0.30	ug/l	86
3) Chloromethane	2.074	50	2007	0.74	ug/l	96
5) Bromomethane	2.586	94	1751	0.89	ug/l	82
11) Methyl Iodide	3.952	142	1573m	0.50	ug/l	
13) Acrolein	3.618	56	2752m	7.20	ug/l	
14) Acrylonitrile	4.975	53	2276m	2.15	ug/l	
16) Carbon Disulfide	4.052	76	10220	1.71	ug/l	97
19) trans-1,2-Dichloroethene	5.029	96	1944m	0.83	ug/l	
22) cis-1,2-Dichloroethene	6.804	96	1348m	0.48	ug/l	
29) 1,1-Dichloropropene	7.766	75	1651m	0.48	ug/l	
30) 2-Butanone	6.804	43	2391m	1.72	ug/l	
37) Trichloroethene	8.810	130	1496	0.53	ug/l	84
40) Dibromomethane	9.187	93	821m	0.45	ug/l	
42) Vinyl Acetate	5.878	43	7485	1.21	ug/l #	80
44) Isopropyl Acetate	8.132	43	1350	0.26	ug/l #	65
46) Methyl methacrylate	9.171	41	639	0.26	ug/l	81
48) t-1,3-Dichloropropene	10.351	75	2144	0.46	ug/l	90
49) cis-1,3-Dichloropropene	9.810	75	1870	0.39	ug/l	94
50) 1,1,2-Trichloroethane	10.537	97	890	0.35	ug/l #	84
51) Ethyl methacrylate	10.399	69	991	0.26	ug/l #	86
52) 1,3-Dichloropropane	10.682	76	1459	0.33	ug/l	68
53) Dibromochloromethane	10.875	129	723	0.23	ug/l	77
54) 1,2-Dibromoethane	10.981	107	895m	0.34	ug/l	
55) 2-Chloroethyl vinyl ether	9.663	63	1511	1.12	ug/l #	81
58) 4-Methyl-2-Pentanone	9.952	43	5185	1.92	ug/l	97
59) 2-Hexanone	10.724	43	4441m	2.37	ug/l	
61) Tetrachloroethene	10.601	164	1726	0.66	ug/l #	78
62) Toluene	10.129	91	4240	0.40	ug/l	95
64) Chlorobenzene	11.405	112	3777	0.55	ug/l #	77
66) Ethyl Benzene	11.482	91	5936	0.49	ug/l	96
67) m/p-Xylenes	11.592	106	4837	1.03	ug/l	96
68) o-Xylene	11.923	106	1854	0.40	ug/l	81
69) Styrene	11.939	104	3592	0.48	ug/l	93
70) Isopropylbenzene	12.222	105	6214	0.52	ug/l	94
71) 1,1,2,2-Tetrachloroethane	12.476	83	1944	0.60	ug/l #	93
72) 1,2,3-Trichloropropane	12.524	75	2532	0.77	ug/l	94
73) Bromobenzene	12.502	156	1899	0.66	ug/l	59
74) n-propylbenzene	12.563	91	9465	0.71	ug/l	96
75) 2-Chlorotoluene	12.650	91	5820	0.69	ug/l	85

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

76) 1,3,5-Trimethylbenzene	12.704	105	6767	0.63	ug/l	85
78) 4-Chlorotoluene	12.743	91	6479	0.75	ug/l	100
79) tert-butylbenzene	12.965	119	5462	0.61	ug/l	90
80) 1,2,4-Trimethylbenzene	13.013	105	7678	0.73	ug/l	94
81) sec-Butylbenzene	13.142	105	8834	0.79	ug/l	100
82) p-Isopropyltoluene	13.260	119	9704	0.91	ug/l	97
83) 1,3-Dichlorobenzene	13.260	146	5085	1.02	ug/l	94
84) 1,4-Dichlorobenzene	13.338	146	6073	1.26	ug/l	95
85) n-Butylbenzene	13.585	91	13440	1.61	ug/l	99
87) 1,2-Dichlorobenzene	13.630	146	5193	1.05	ug/l	97
89) 1,2,4-Trichlorobenzene	14.881	180	7165	2.68	ug/l #	96
90) Hexachlorobutadiene	14.977	225	4023	3.31	ug/l	95
91) Naphthalene	15.100	128	34141	4.37	ug/l	97
92) 1,2,3-Trichlorobenzene	15.280	180	10131	3.72	ug/l	95

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

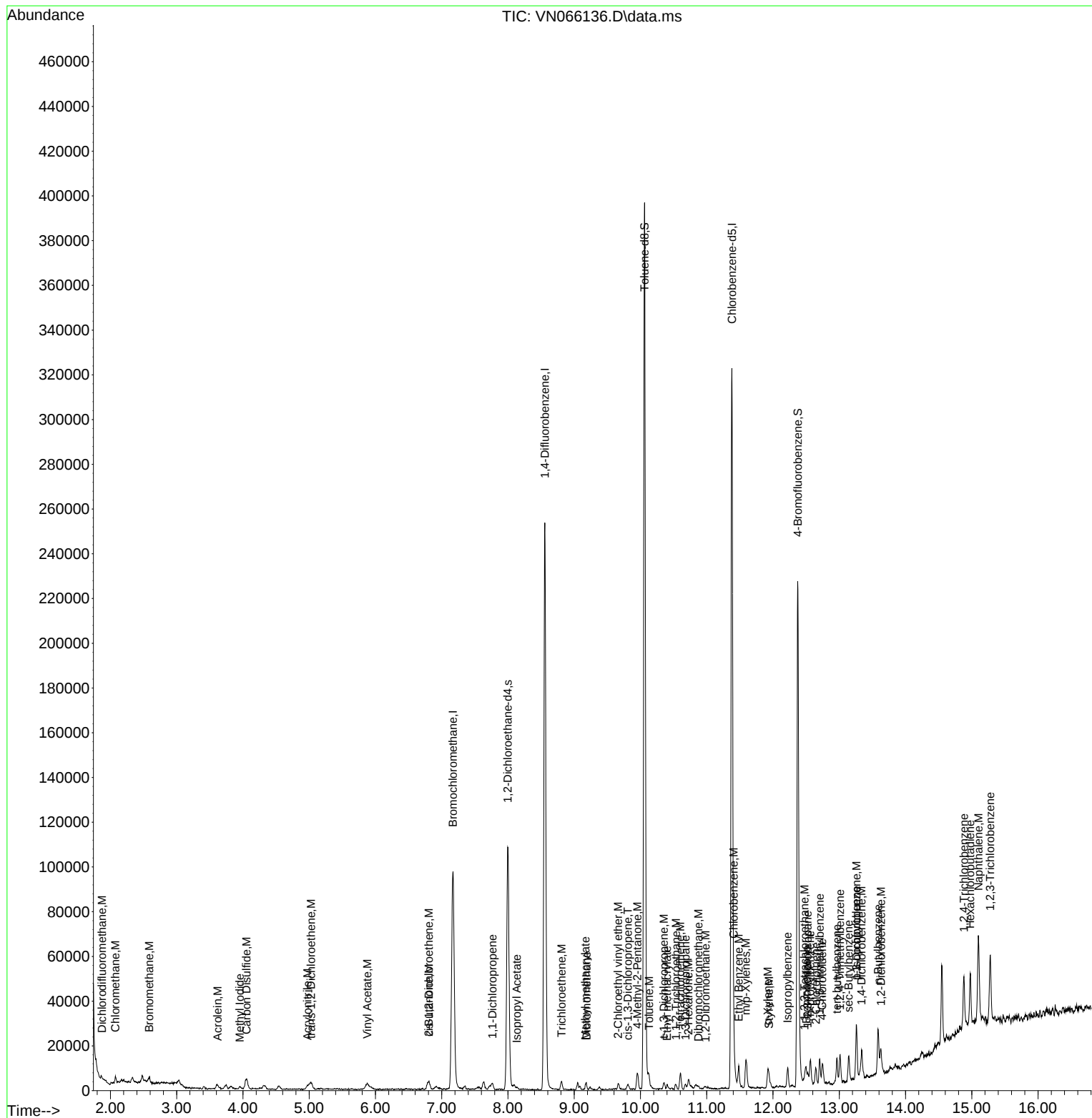
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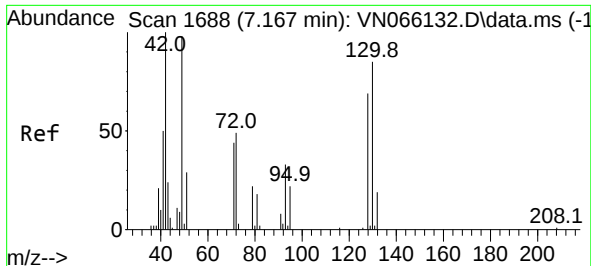
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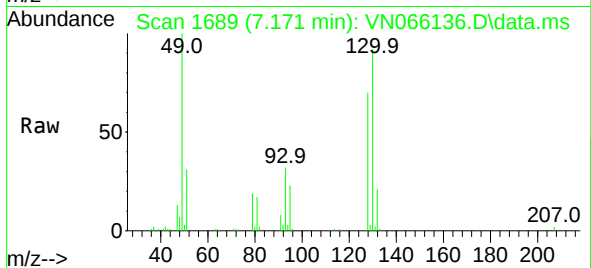
Quant Time: Mar 06 02:40:23 2021
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#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. 0.004 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

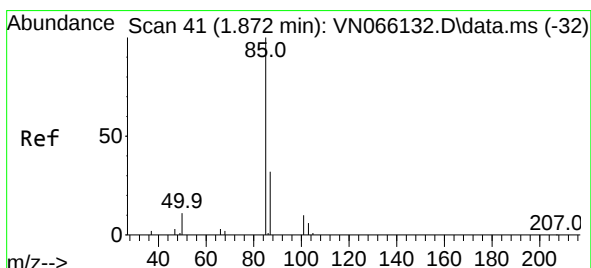
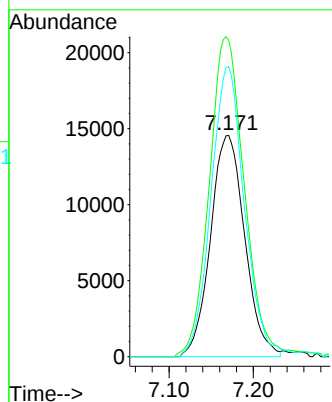
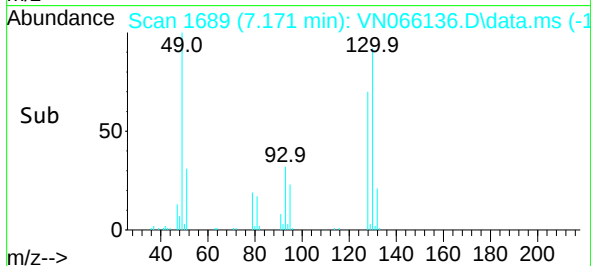
Instrument :
MSVOA_N
ClientSampled :
IBLK



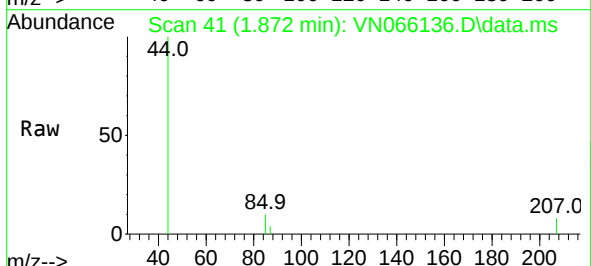
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Ion Ratio Lower Upper
128 100
49 149.0 0.0 355.0
130 129.0 0.0 325.5

Manual Integrations
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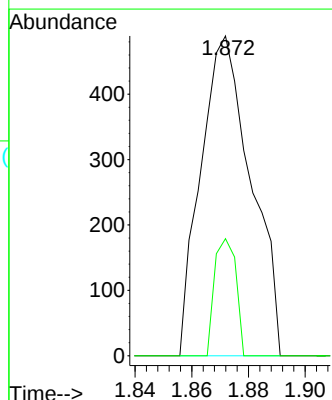
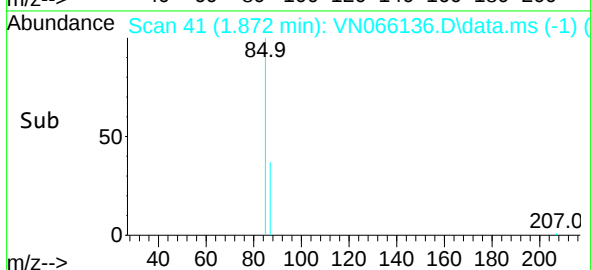
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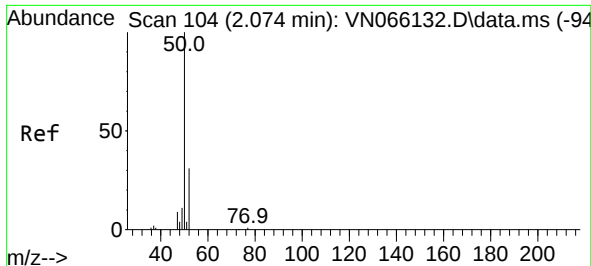


#2
Dichlorodifluoromethane
Concen: 0.30 ug/l
RT: 1.872 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

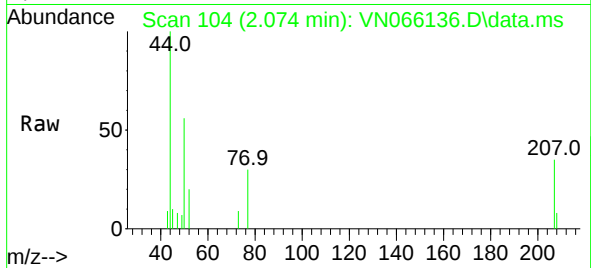


Tgt Ion: 85 Resp: 601
Ion Ratio Lower Upper
85 100
87 36.6 14.6 43.8

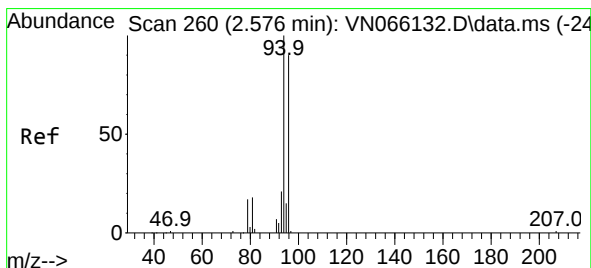
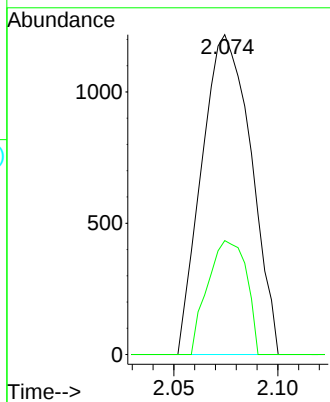
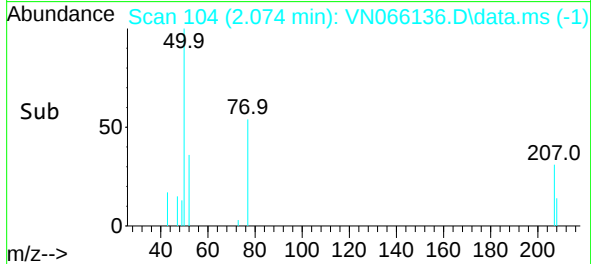




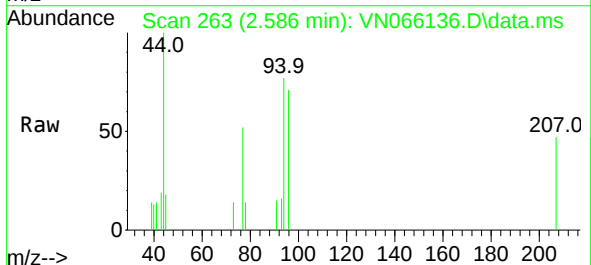
#3
Chloromethane
Concen: 0.74 ug/l
RT: 2.074 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



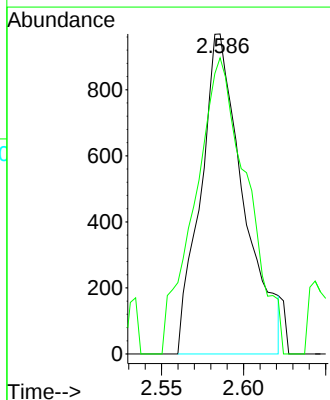
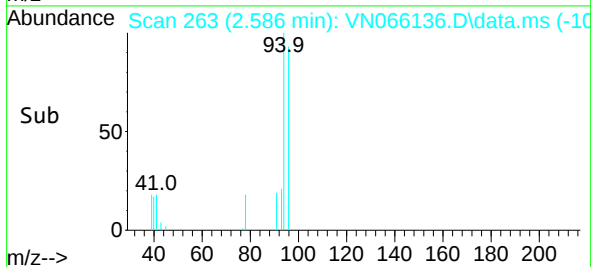
Tgt Ion: 50 Resp: 2007
Ion Ratio Lower Upper
50 100
52 35.6 26.8 40.2



#5
Bromomethane
Concen: 0.89 ug/l
RT: 2.586 min Scan# 263
Delta R.T. 0.010 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



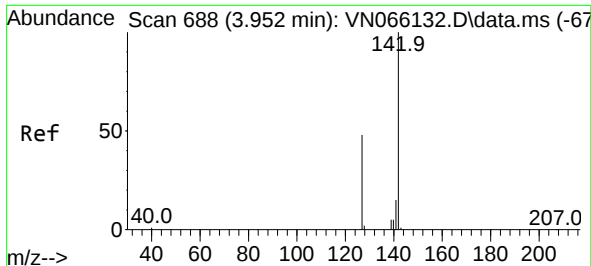
Tgt Ion: 94 Resp: 1751
Ion Ratio Lower Upper
94 100
96 75.4 74.6 111.8



Instrument :
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ClientSampled :
IBLK

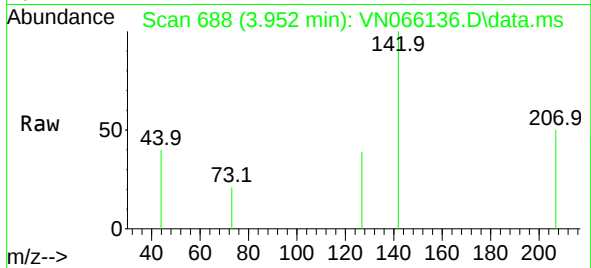
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#11
Methyl Iodide
Concen: 0.50 ug/l m
RT: 3.952 min Scan# 688
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

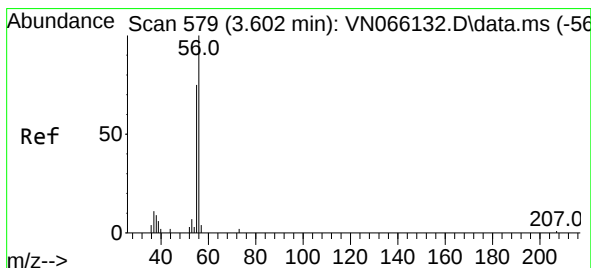
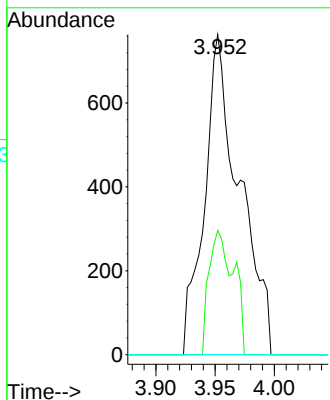
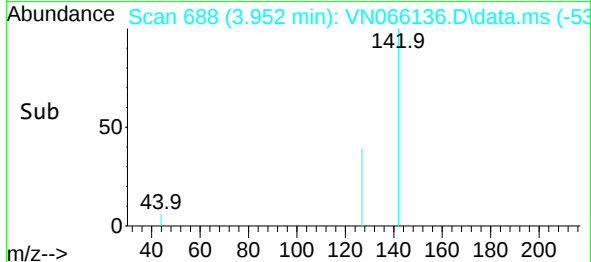
Instrument :
MSVOA_N
ClientSampled :
IBLK



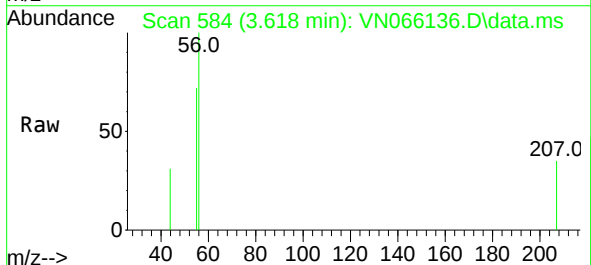
Tgt Ion:142 Resp: 1573
Ion Ratio Lower Upper
142 100
127 38.8 19.1 57.5
141 0.0 7.0 20.9#

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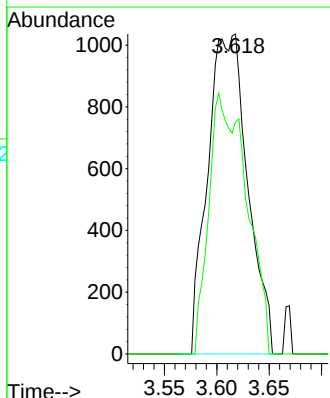
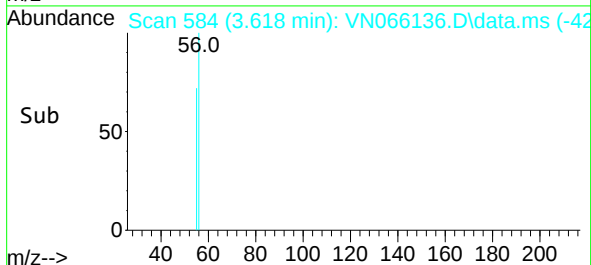
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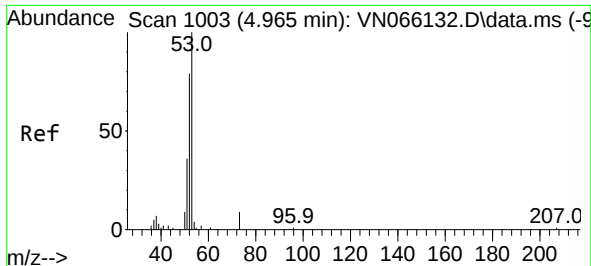


#13
Acrolein
Concen: 7.20 ug/l m
RT: 3.618 min Scan# 584
Delta R.T. 0.016 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



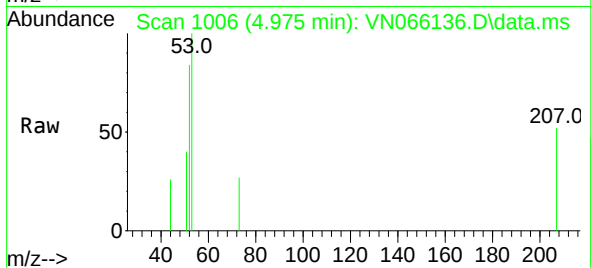
Tgt Ion: 56 Resp: 2752
Ion Ratio Lower Upper
56 100
55 45.1 57.7 86.5#





#14
Acrylonitrile
Concen: 2.15 ug/l m
RT: 4.975 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

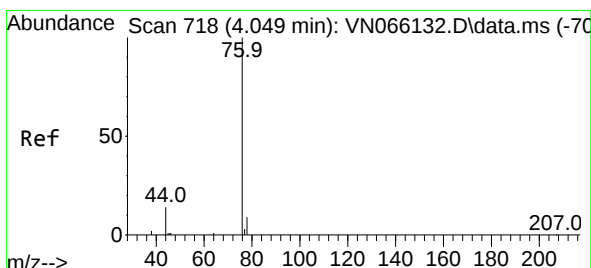
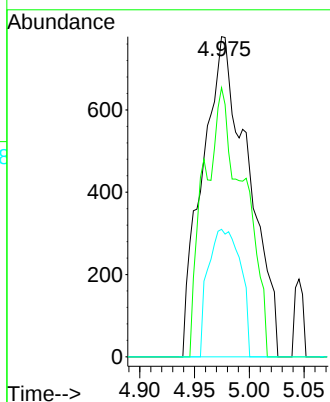
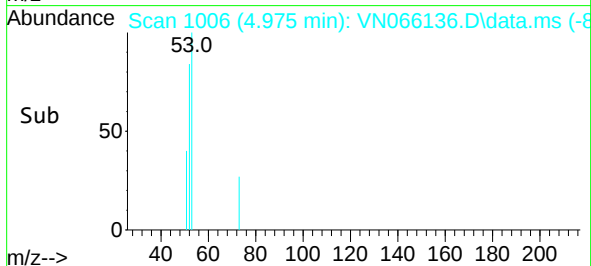
Instrument :
MSVOA_N
ClientSampled :
IBLK



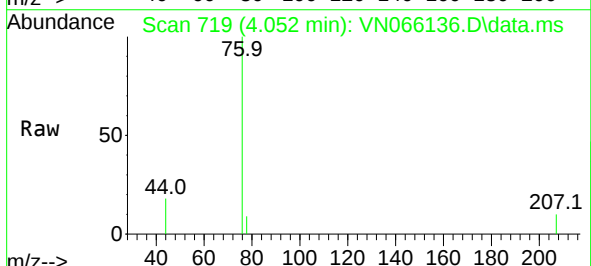
Tgt Ion: 53 Resp: 2276
Ion Ratio Lower Upper
53 100
52 11.6 40.7 122.1#
51 27.9 18.3 54.8

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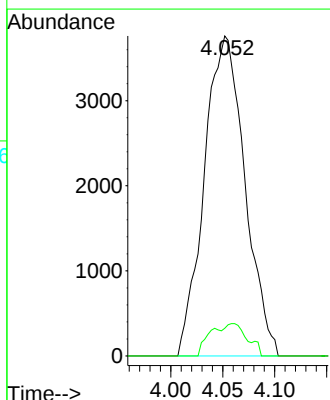
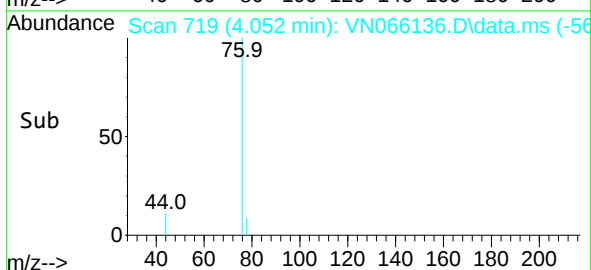
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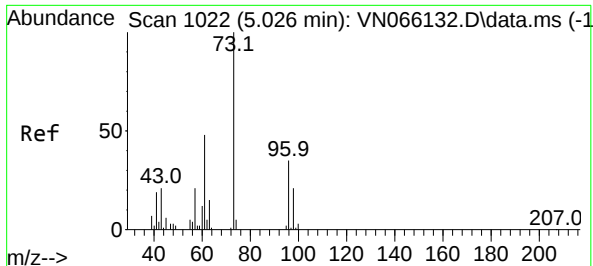


#16
Carbon Disulfide
Concen: 1.71 ug/l
RT: 4.052 min Scan# 719
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

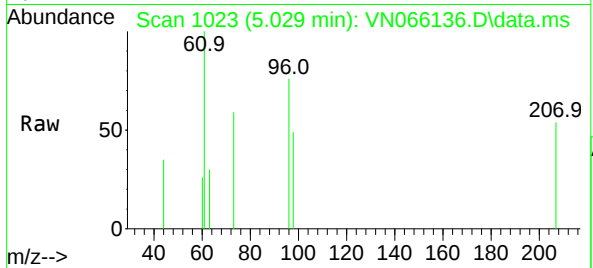


Tgt Ion: 76 Resp: 10220
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

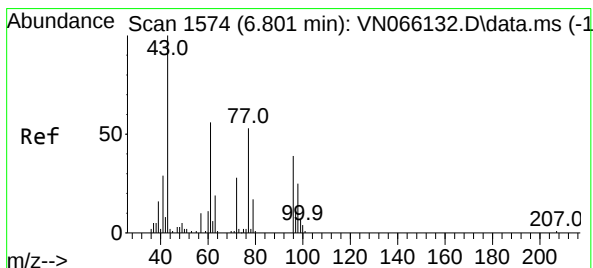
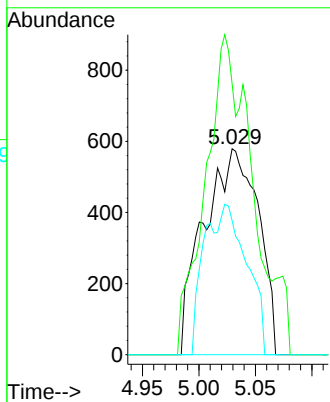
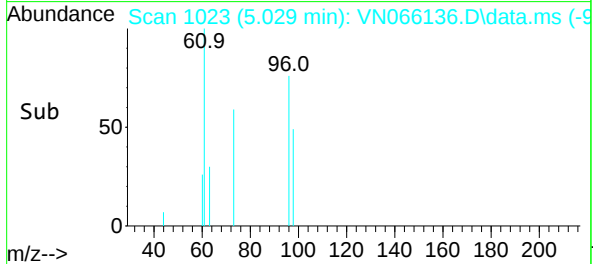




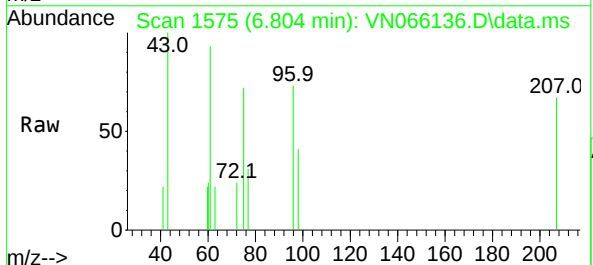
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trans-1,2-Dichloroethene
Concen: 0.83 ug/l m
RT: 5.029 min Scan# 1023
Delta R.T. 0.003 min
Lab File: VN066136.D
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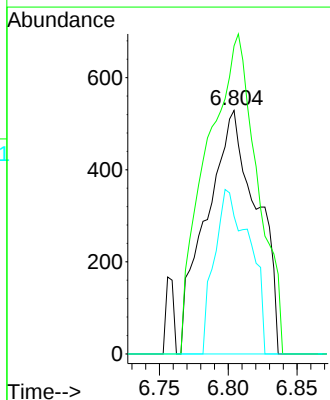
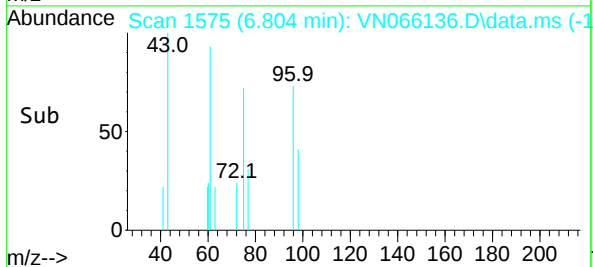
Tgt Ion: 96 Resp: 1944
Ion Ratio Lower Upper
96 100
61 131.6 106.2 159.2
98 65.1 52.4 78.6



#22
cis-1,2-Dichloroethene
Concen: 0.48 ug/l m
RT: 6.804 min Scan# 1575
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



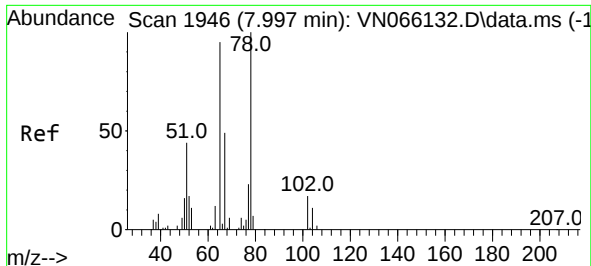
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Ion Ratio Lower Upper
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61 133.0 112.5 168.7
98 30.5 52.2 78.2#



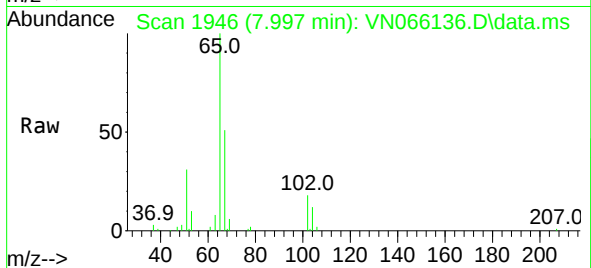
Instrument :
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ClientSampled :
IBLK

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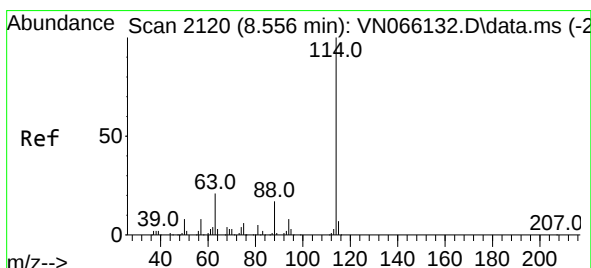
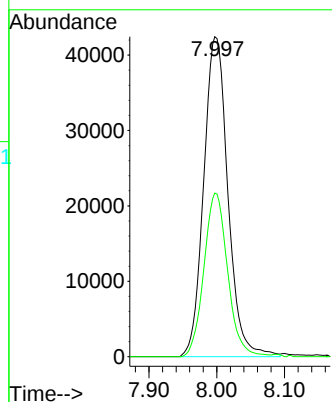
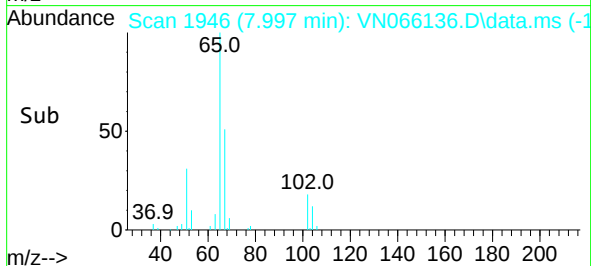
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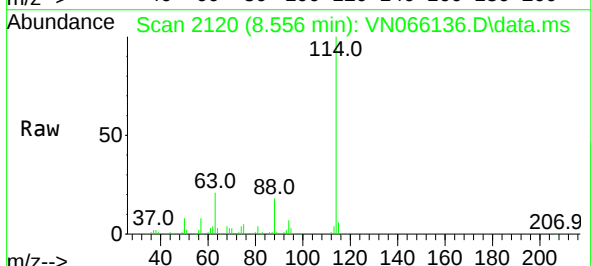
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1,2-Dichloroethane-d4
Concen: 29.60 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



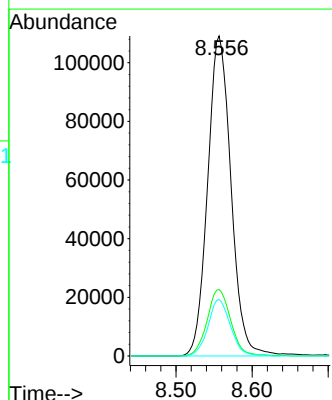
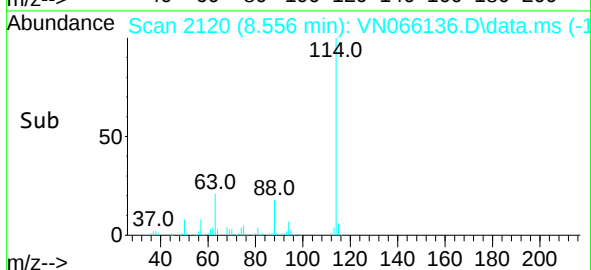
Tgt Ion: 65 Resp: 105394
Ion Ratio Lower Upper
65 100
67 50.0 42.8 64.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.556 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



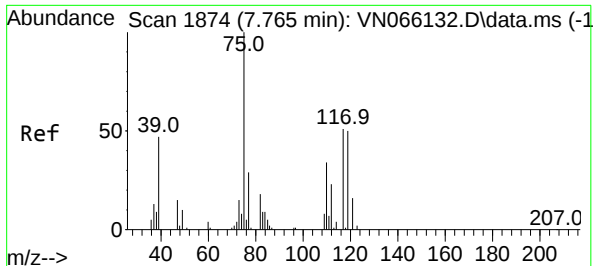
Tgt Ion: 114 Resp: 232829
Ion Ratio Lower Upper
114 100
63 20.9 14.7 22.1
88 17.0 11.7 17.5



Instrument :
MSVOA_N
ClientSampled :
IBLK

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#29

1,1-Dichloropropene

Concen: 0.48 ug/l m

RT: 7.766 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN066136.D

Acq: 5 Mar 2021 15:35

Tgt Ion:	75	Resp:	1651
Ion	Ratio	Lower	Upper
75	100		
110	23.7	0.0	74.2
77	23.4	0.0	61.0

Instrument :

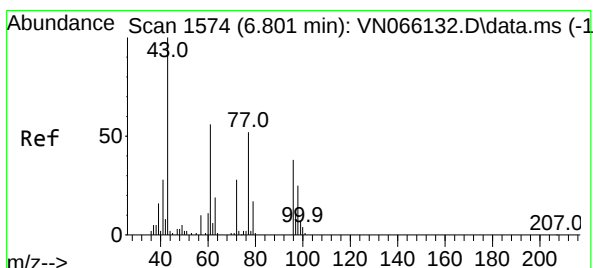
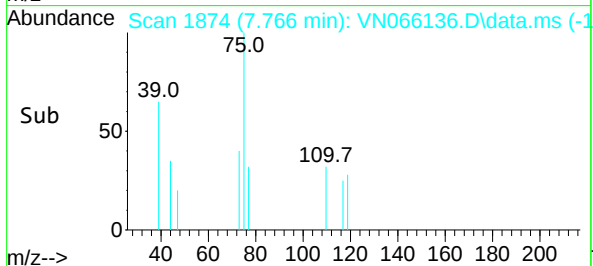
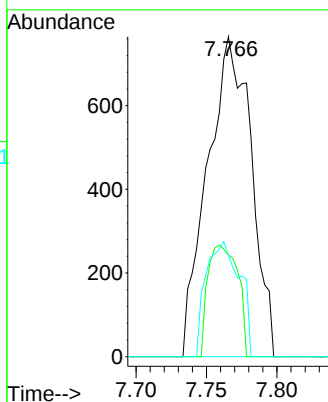
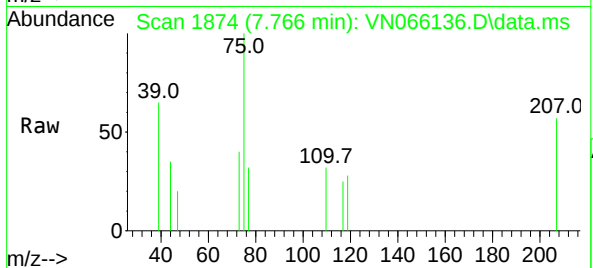
MSVOA_N

ClientSampled :

IBLK

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#30

2-Butanone

Concen: 1.72 ug/l m

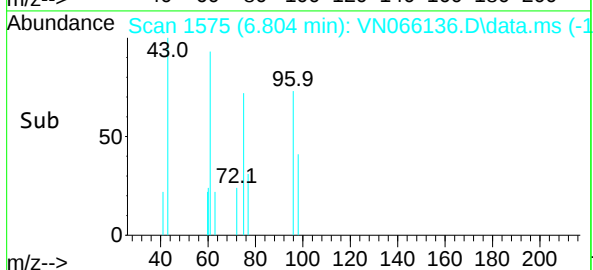
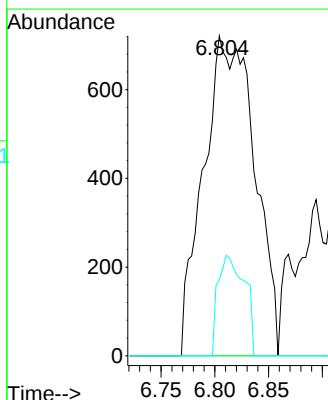
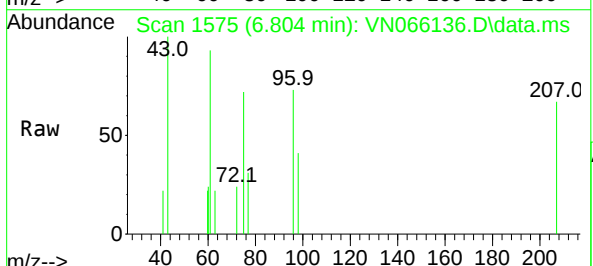
RT: 6.804 min Scan# 1575

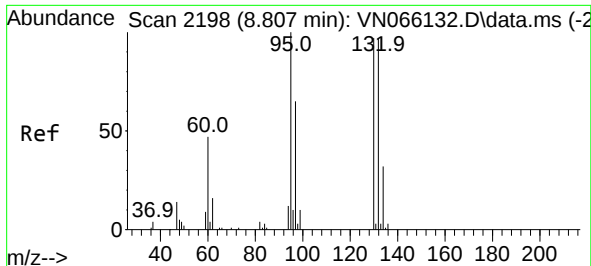
Delta R.T. 0.003 min

Lab File: VN066136.D

Acq: 5 Mar 2021 15:35

Tgt Ion:	43	Resp:	2391
Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.0	10.4#
72	15.1	23.6	35.4#





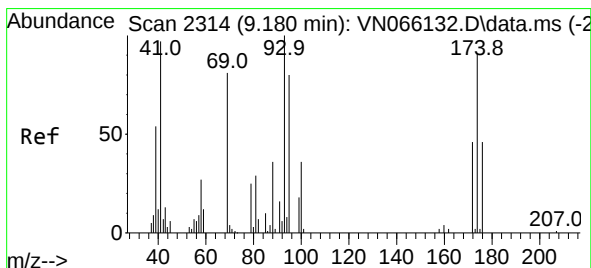
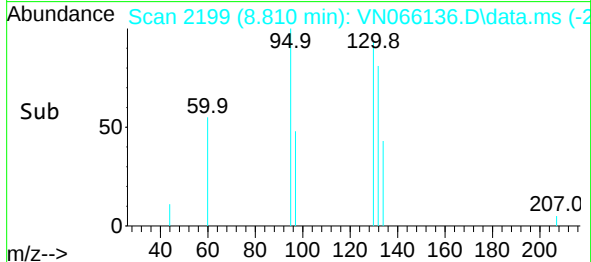
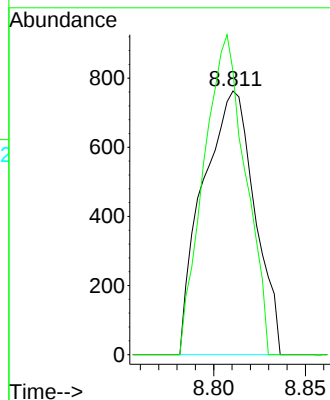
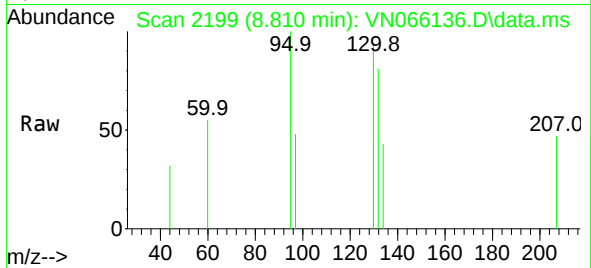
#37
Trichloroethene
Concen: 0.53 ug/l
RT: 8.810 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 130 Resp: 1496
Ion Ratio Lower Upper
130 100
95 107.5 74.0 111.0

Instrument :
MSVOA_N
ClientSampled :
IBLK

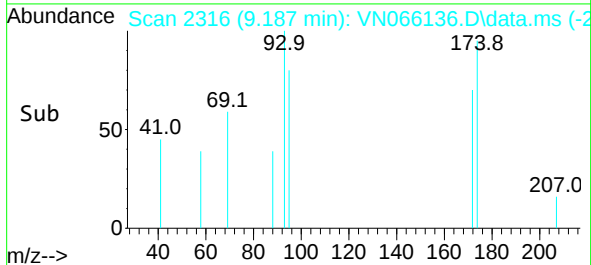
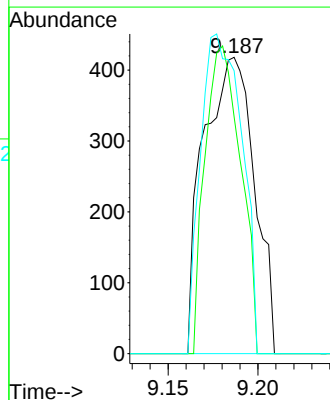
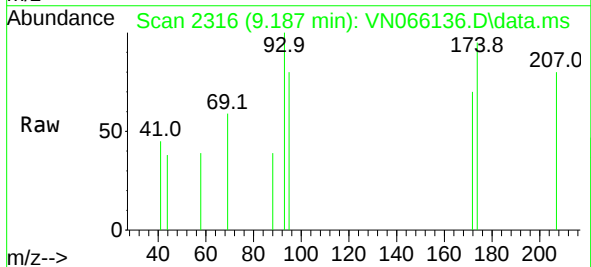
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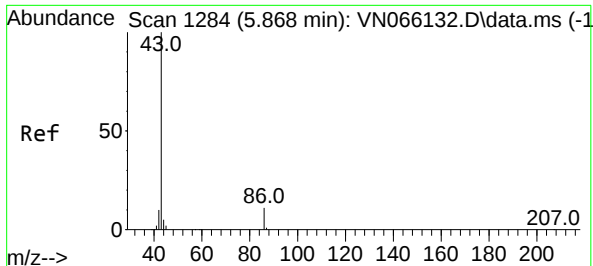
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#40
Dibromomethane
Concen: 0.45 ug/l m
RT: 9.187 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 93 Resp: 821
Ion Ratio Lower Upper
93 100
95 72.8 0.0 168.6
174 87.3 0.0 246.4





#42

Vinyl Acetate

Concen: 1.21 ug/l

RT: 5.878 min Scan# 1287

Delta R.T. 0.010 min

Lab File: VN066136.D

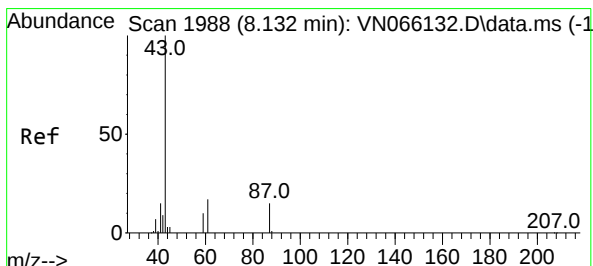
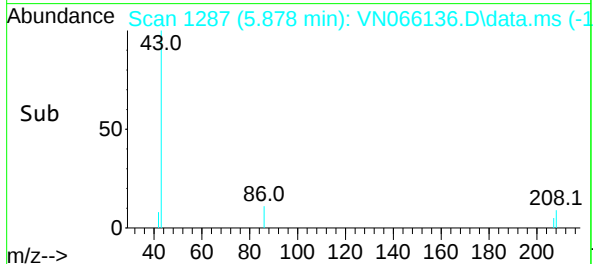
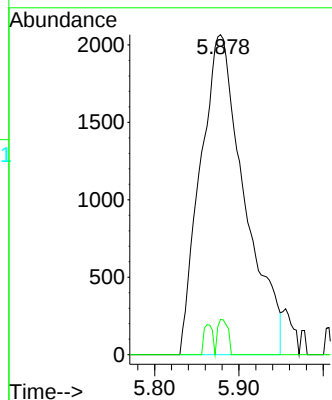
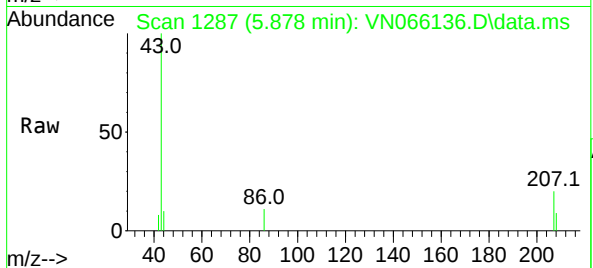
Acq: 5 Mar 2021 15:35

Tgt Ion: 43 Resp: 7485

Ion Ratio Lower Upper

43 100

86 2.6 7.9 11.9#



#44

Isopropyl Acetate

Concen: 0.26 ug/l

RT: 8.132 min Scan# 1988

Delta R.T. 0.000 min

Lab File: VN066136.D

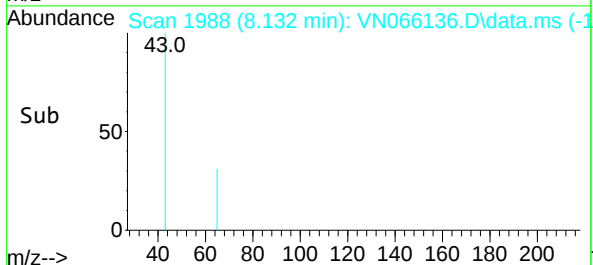
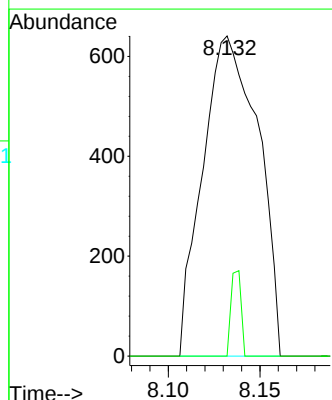
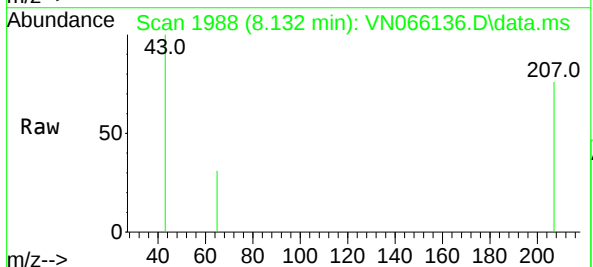
Acq: 5 Mar 2021 15:35

Tgt Ion: 43 Resp: 1350

Ion Ratio Lower Upper

43 100

61 4.8 16.8 25.2#



Instrument :

MSVOA_N

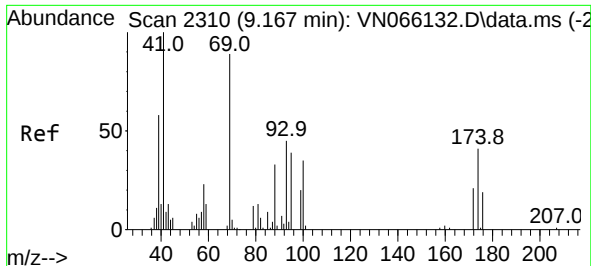
ClientSampleId :

IBLK

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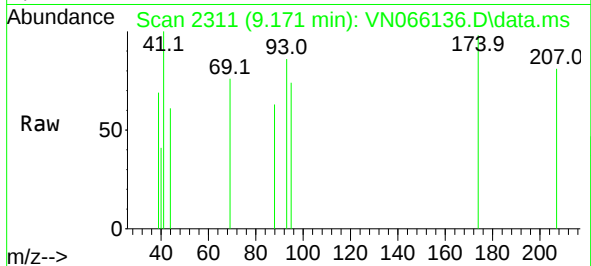
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#46
Methyl methacrylate
Concen: 0.26 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

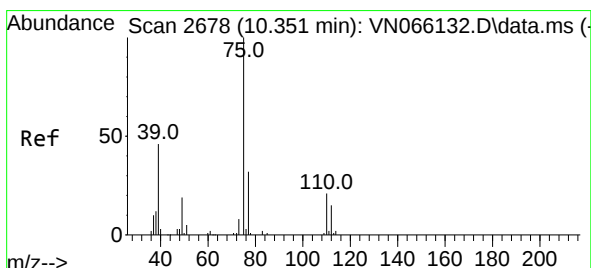
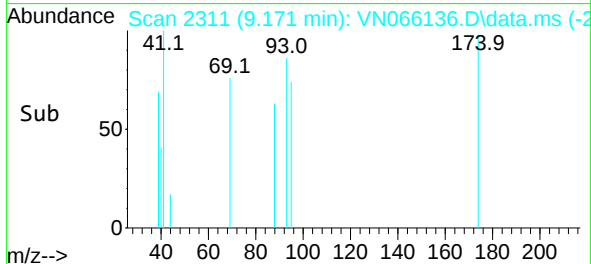
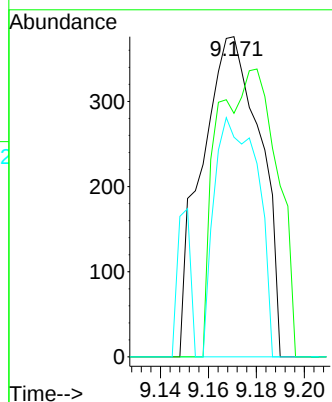
Instrument :
MSVOA_N
ClientSampled :
IBLK



Tgt Ion: 41 Resp: 639
Ion Ratio Lower Upper
41 100
69 76.1 46.3 138.8
39 68.6 26.8 80.3

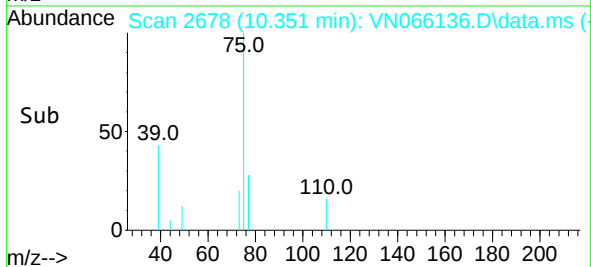
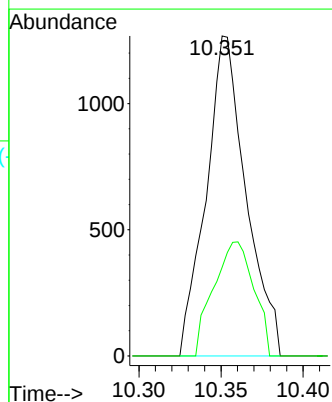
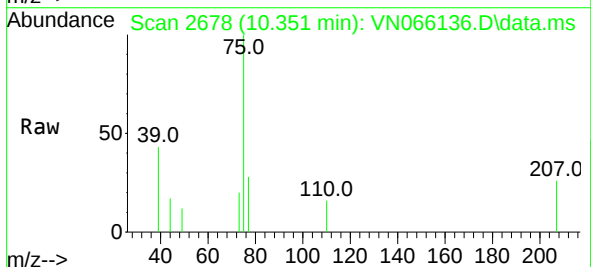
Manual Integrations
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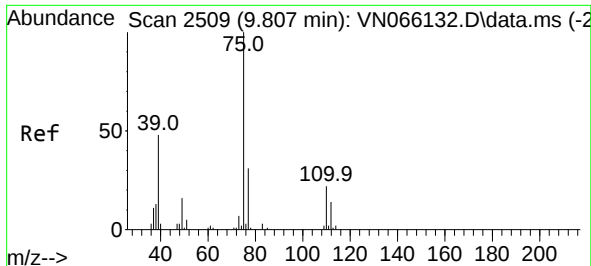
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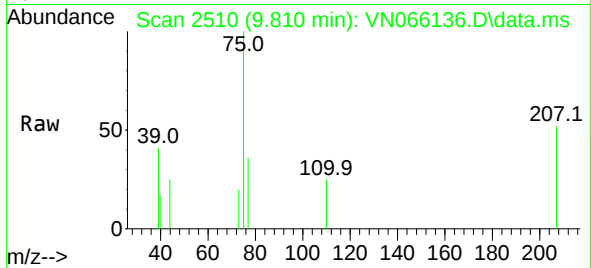
#48
t-1,3-Dichloropropene
Concen: 0.46 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 75 Resp: 2144
Ion Ratio Lower Upper
75 100
77 27.7 26.5 39.7

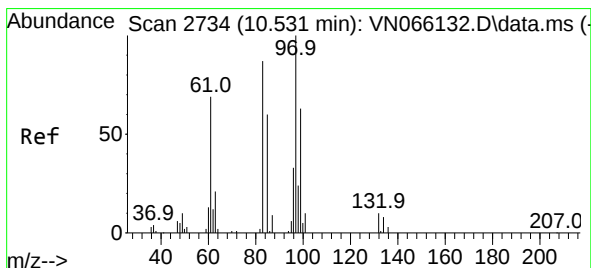
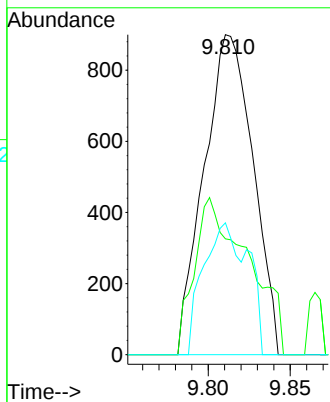
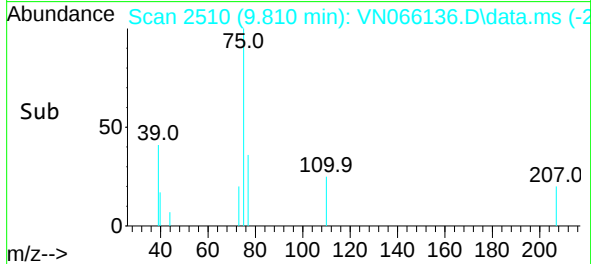




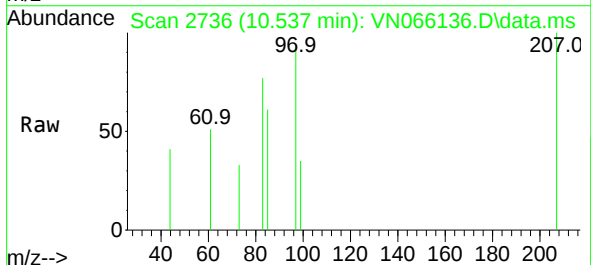
#49
 cis-1,3-Dichloropropene
 Concen: 0.39 ug/l
 RT: 9.810 min Scan# 2510
 Delta R.T. 0.003 min
 Lab File: VN066136.D
 Acq: 5 Mar 2021 15:35



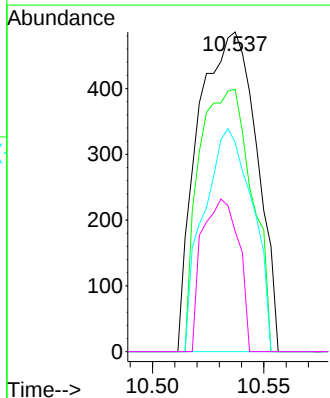
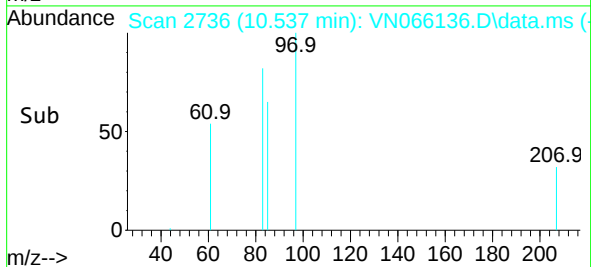
Tgt Ion: 75	Resp: 1870
Ion Ratio	Lower Upper
75 100	
77 36.2	24.8 37.2
39 41.2	34.4 51.6



#50
 1,1,2-Trichloroethane
 Concen: 0.35 ug/l
 RT: 10.537 min Scan# 2736
 Delta R.T. 0.006 min
 Lab File: VN066136.D
 Acq: 5 Mar 2021 15:35



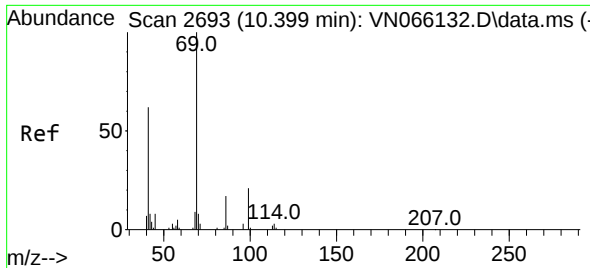
Tgt Ion: 97	Resp: 890
Ion Ratio	Lower Upper
97 100	
83 82.1	68.4 102.6
85 65.4	42.8 64.2#
99 37.7	50.7 76.1#



Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

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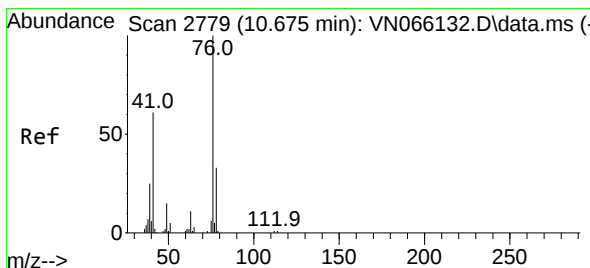
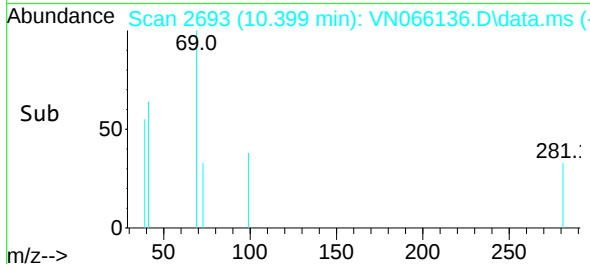
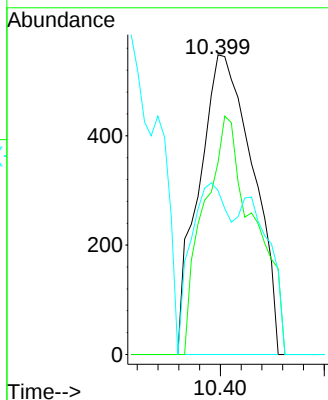
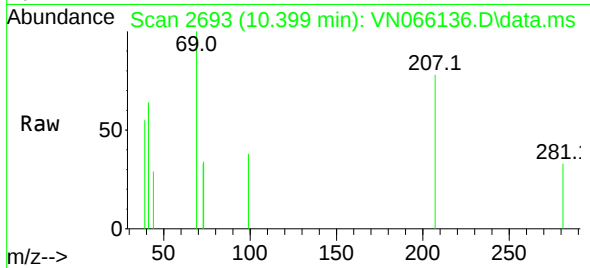
#51
Ethyl methacrylate
Concen: 0.26 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion:	69	Resp:	991
Ion	Ratio	Lower	Upper
69	100		
41	64.1	31.9	95.7
39	54.7	15.6	46.7#

Instrument :
MSVOA_N
ClientSampled :
IBLK

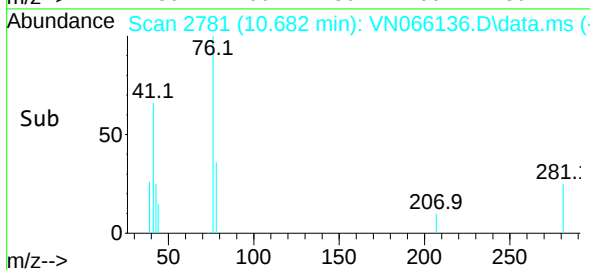
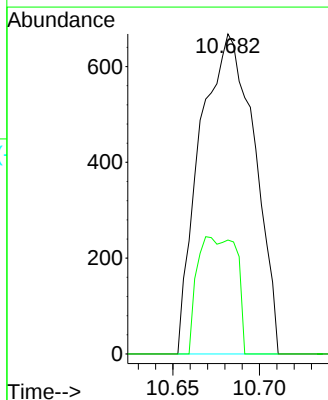
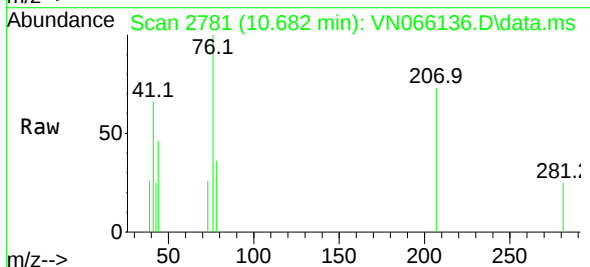
Manual Integrations
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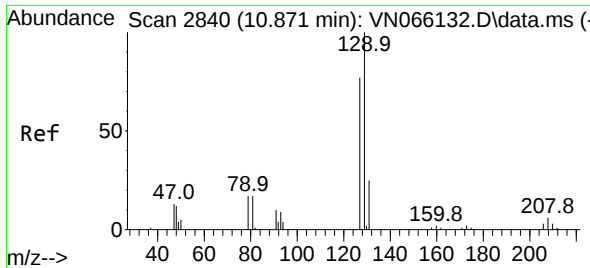
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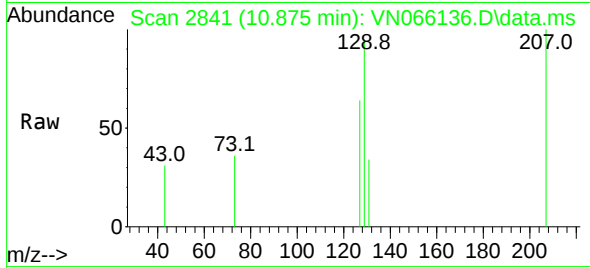
#52
1,3-Dichloropropane
Concen: 0.33 ug/l
RT: 10.682 min Scan# 2781
Delta R.T. 0.007 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion:	76	Resp:	1459
Ion	Ratio	Lower	Upper
76	100		
78	14.3	0.0	64.2

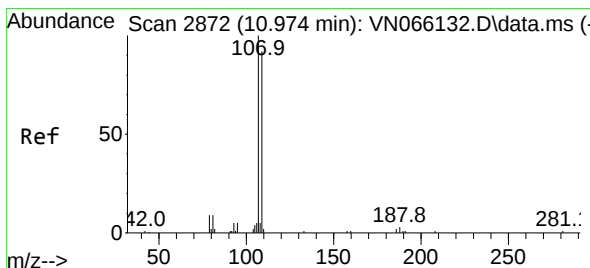
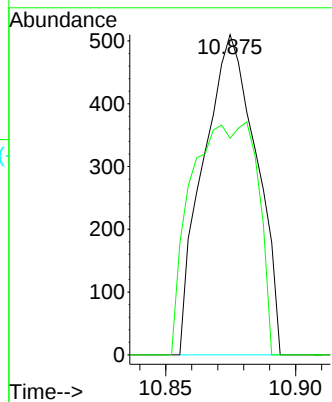
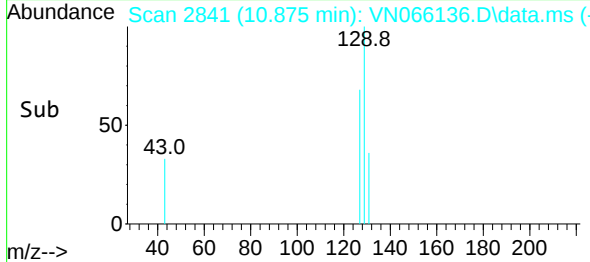




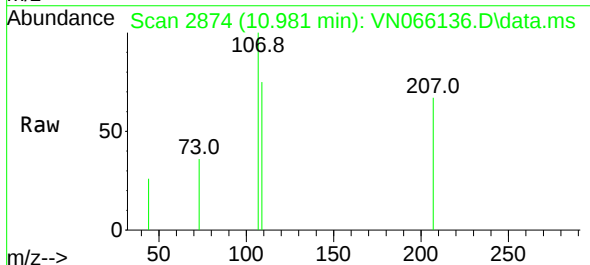
#53
Dibromochloromethane
Concen: 0.23 ug/l
RT: 10.875 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



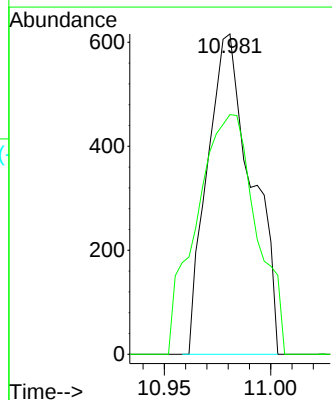
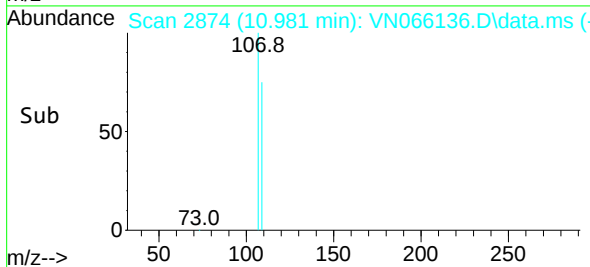
Tgt Ion:129 Resp: 723
Ion Ratio Lower Upper
129 100
127 57.4 38.9 116.6



#54
1,2-Dibromoethane
Concen: 0.34 ug/l m
RT: 10.981 min Scan# 2874
Delta R.T. 0.007 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



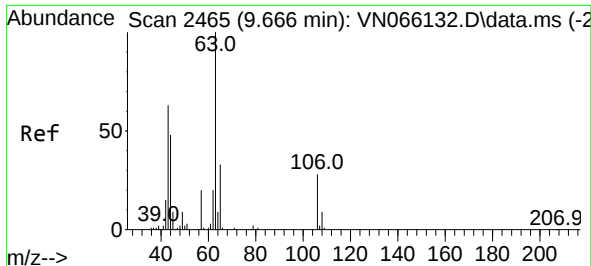
Tgt Ion:107 Resp: 895
Ion Ratio Lower Upper
107 100
109 97.4 76.6 115.0



Instrument :
MSVOA_N
ClientSampleId :
IBLK

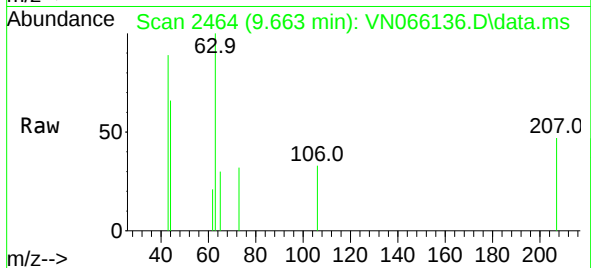
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#55
2-Chloroethyl vinyl ether
Concen: 1.12 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. -0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

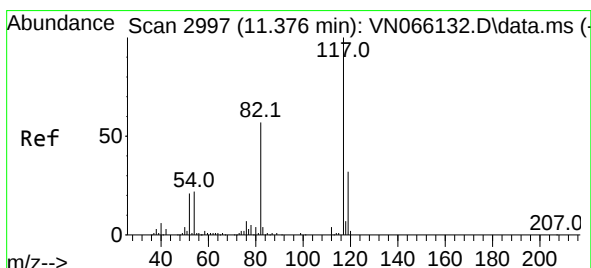
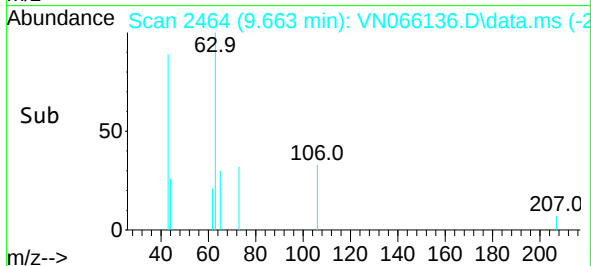
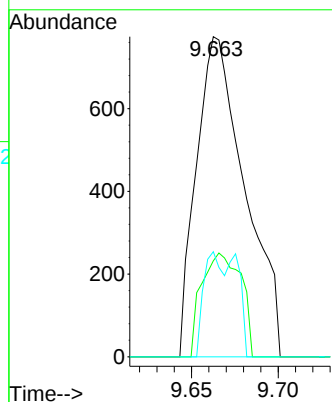
Instrument :
MSVOA_N
ClientSampled :
IBLK



Tgt Ion: 63 Resp: 1511
Ion Ratio Lower Upper
63 100
65 26.1 25.7 38.5
106 13.5 23.1 34.7#

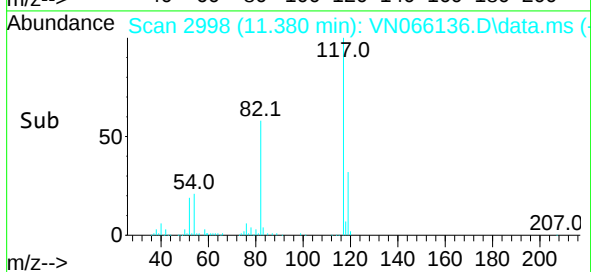
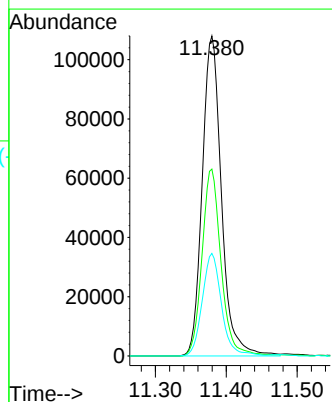
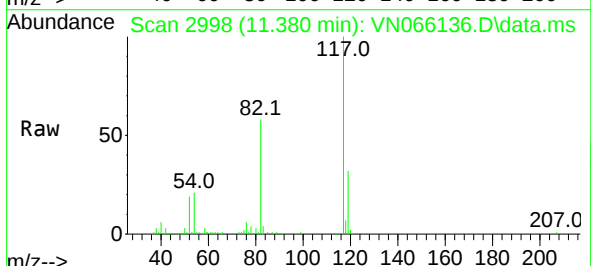
Manual Integrations
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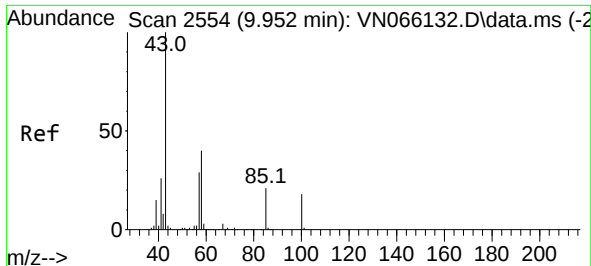
MMDadoda
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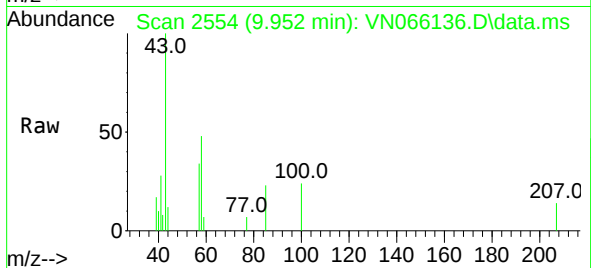
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 117 Resp: 203653
Ion Ratio Lower Upper
117 100
82 57.6 41.3 61.9
119 32.0 25.7 38.5

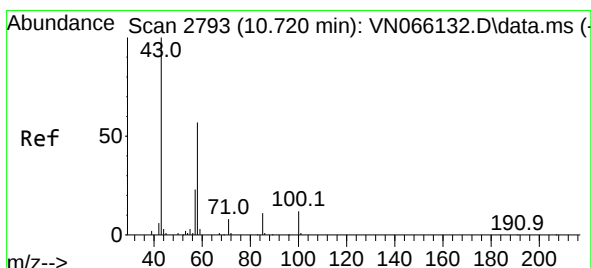
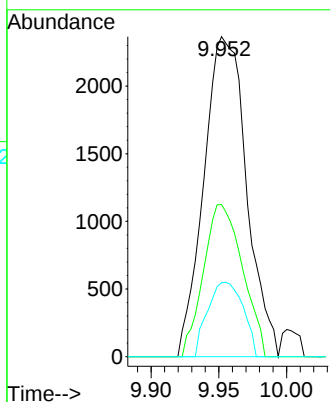
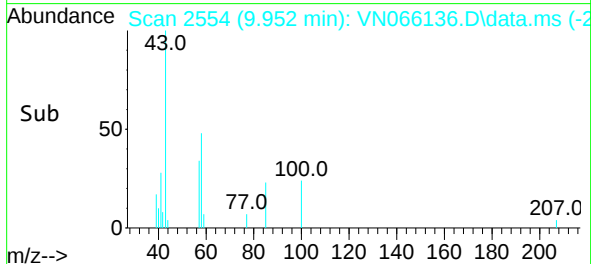




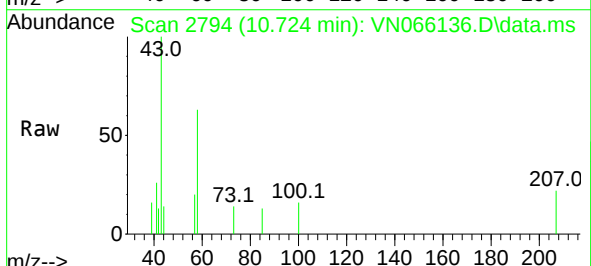
#58
4-Methyl-2-Pentanone
Concen: 1.92 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



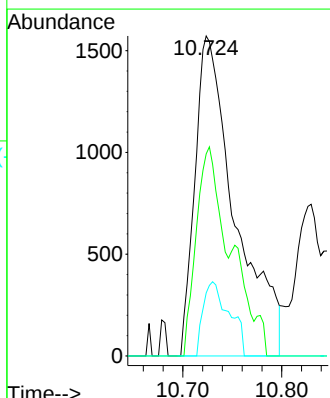
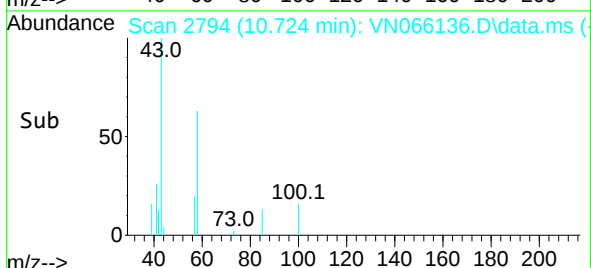
Tgt Ion: 43 Resp: 5185
Ion Ratio Lower Upper
43 100
58 43.5 32.7 49.1
85 19.2 16.0 24.0



#59
2-Hexanone
Concen: 2.37 ug/l m
RT: 10.724 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



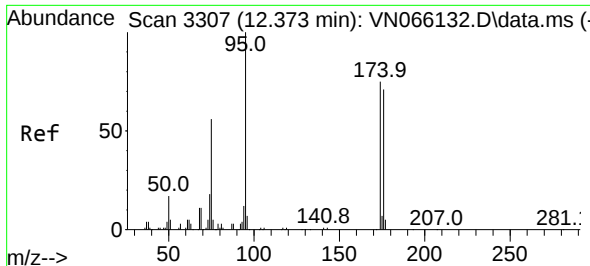
Tgt Ion: 43 Resp: 4441
Ion Ratio Lower Upper
43 100
58 40.8 45.4 68.0#
57 10.8 15.8 23.8#



Instrument :
MSVOA_N
ClientSampled :
IBLK

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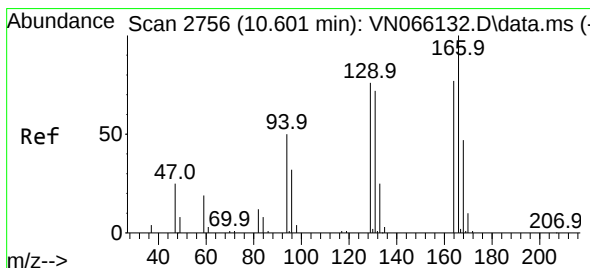
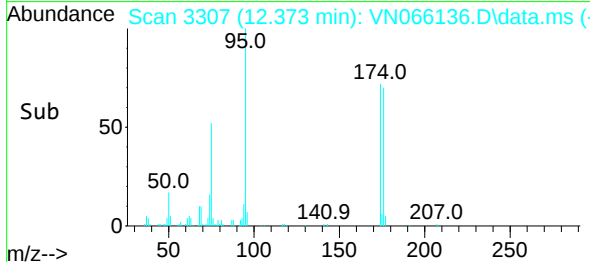
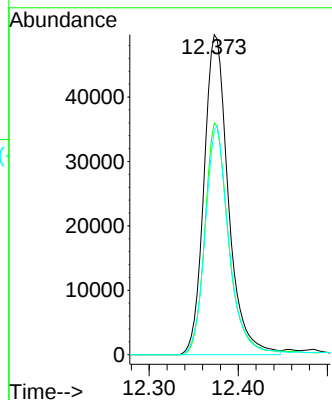
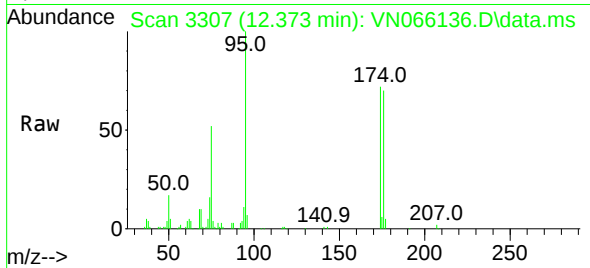
#60
4-Bromofluorobenzene
Concen: 26.75 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 95 Resp: 94341
Ion Ratio Lower Upper
95 100
174 70.4 77.0 115.6#
176 70.1 75.8 113.6#

Instrument :
MSVOA_N
ClientSampled :
IBLK

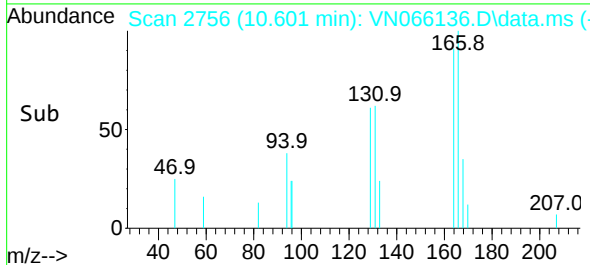
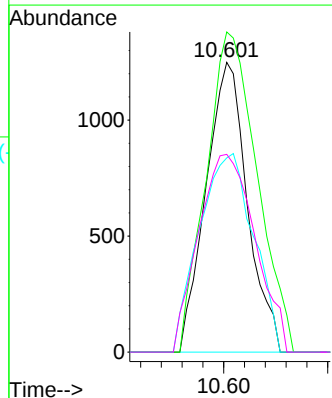
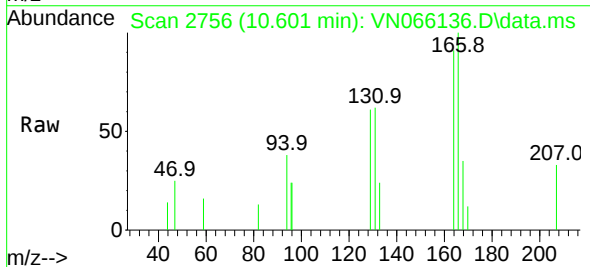
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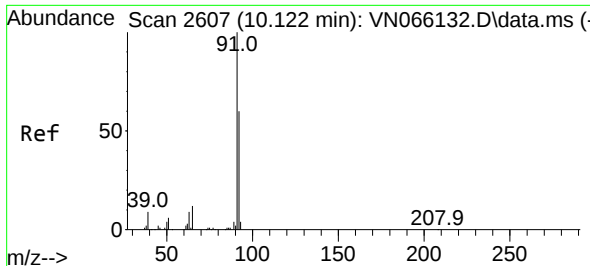
MMDadoda
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#61
Tetrachloroethene
Concen: 0.66 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 164 Resp: 1726
Ion Ratio Lower Upper
164 100
166 110.5 101.2 151.8
129 67.0 69.7 104.5#
131 54.7 67.8 101.8#





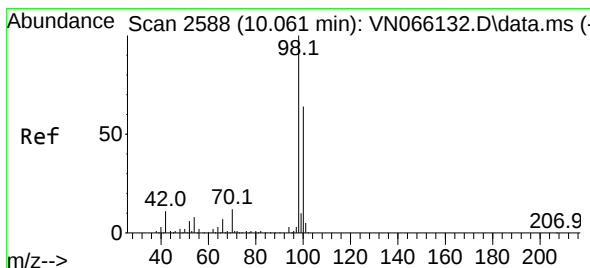
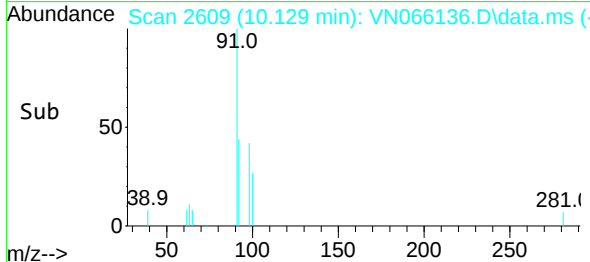
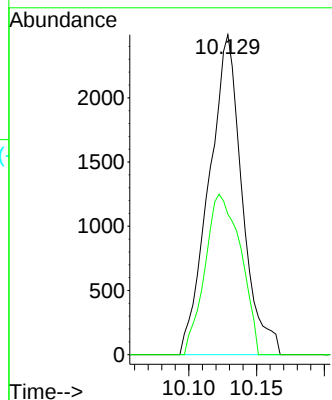
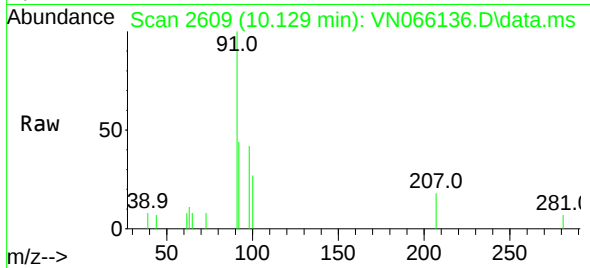
#62
Toluene
Concen: 0.40 ug/l
RT: 10.129 min Scan# 2609
Delta R.T. 0.007 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 91 Resp: 4240
Ion Ratio Lower Upper
91 100
92 54.0 46.2 69.4

Instrument :
MSVOA_N
ClientSampled :
IBLK

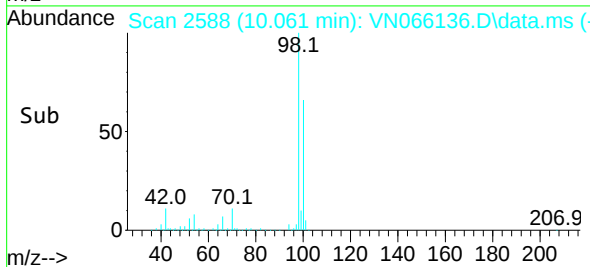
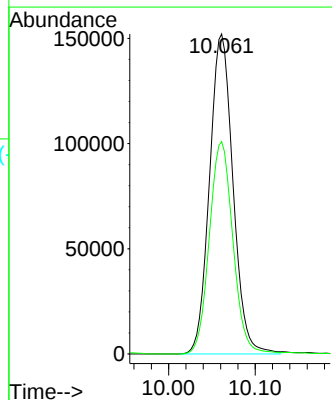
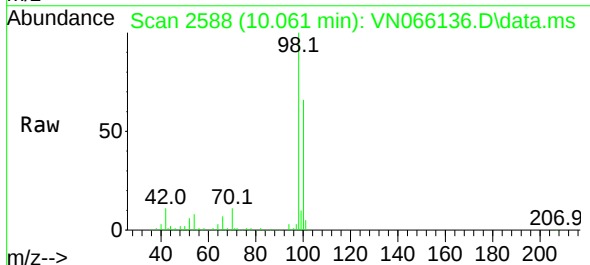
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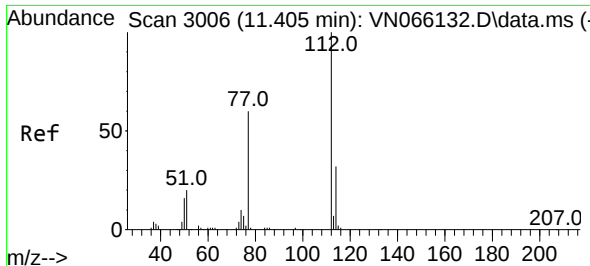
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#63
Toluene-d8
Concen: 31.21 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

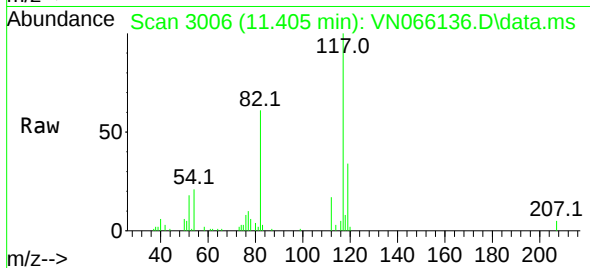
Tgt Ion: 98 Resp: 286456
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9





#64
Chlorobenzene
Concen: 0.55 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

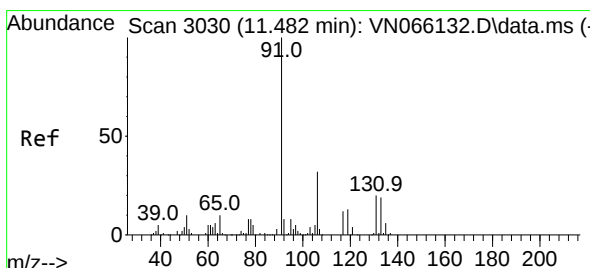
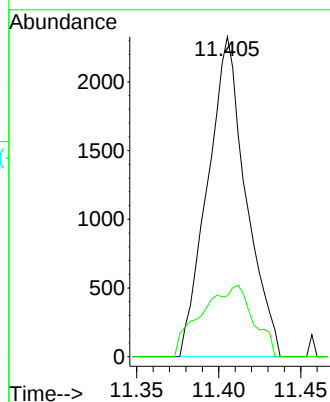
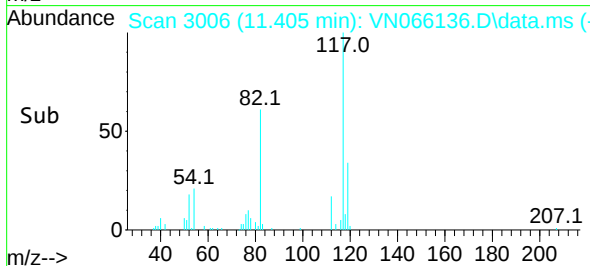
Instrument :
MSVOA_N
ClientSampled :
IBLK



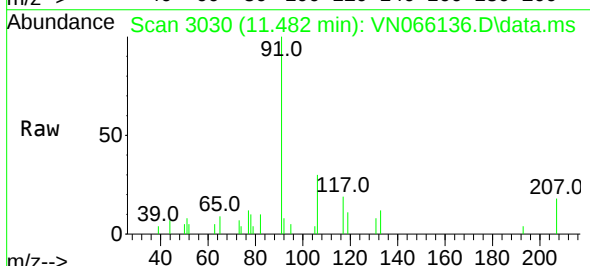
Tgt Ion:112 Resp: 3777
Ion Ratio Lower Upper
112 100
114 19.0 25.5 38.3#

Manual Integrations
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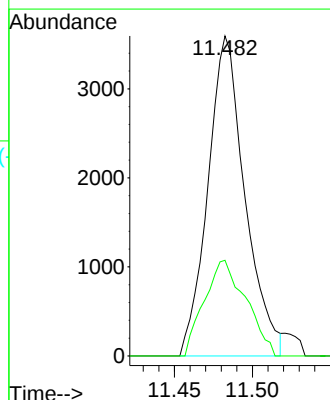
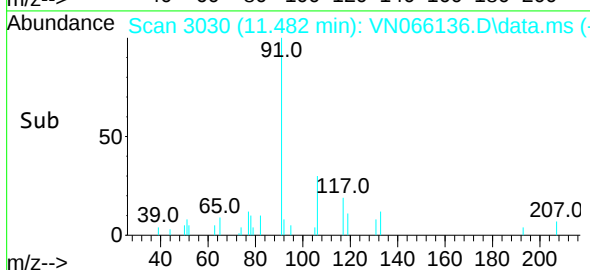
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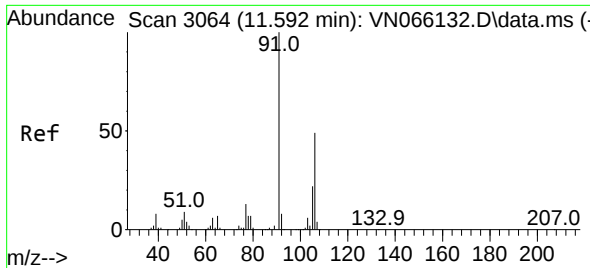


#66
Ethyl Benzene
Concen: 0.49 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



Tgt Ion: 91 Resp: 5936
Ion Ratio Lower Upper
91 100
106 29.9 25.5 38.3





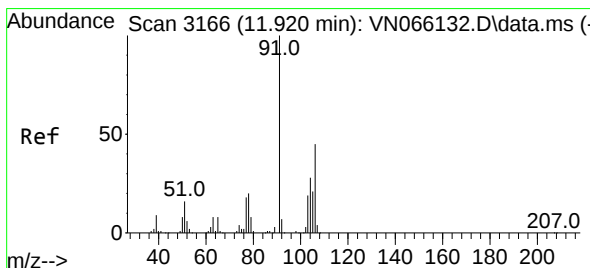
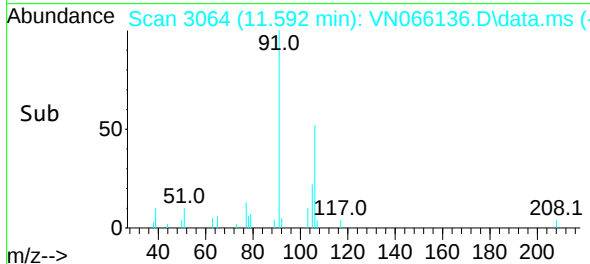
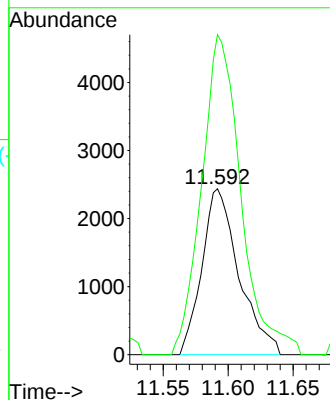
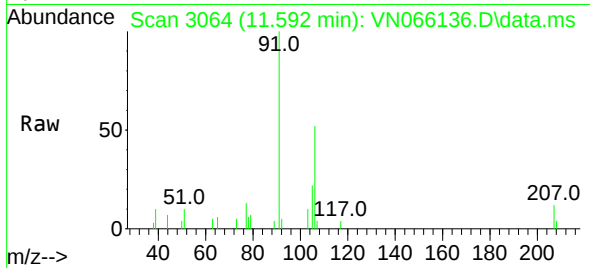
#67
m/p-Xylenes
Concen: 1.03 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion:106 Resp: 4837
Ion Ratio Lower Upper
106 100
91 205.0 159.0 238.6

Instrument :
MSVOA_N
ClientSampled :
IBLK

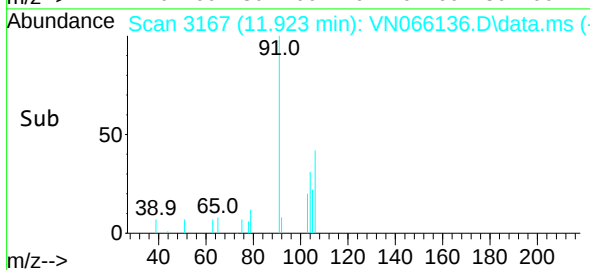
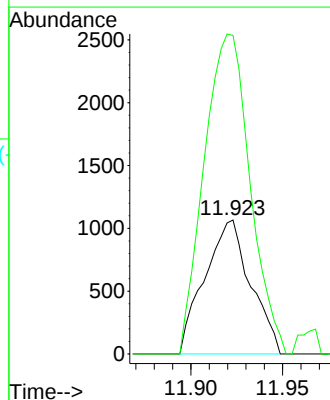
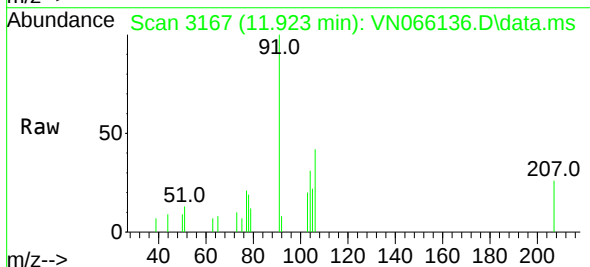
Manual Integrations
APPROVED

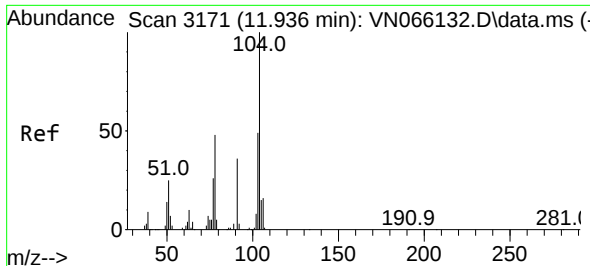
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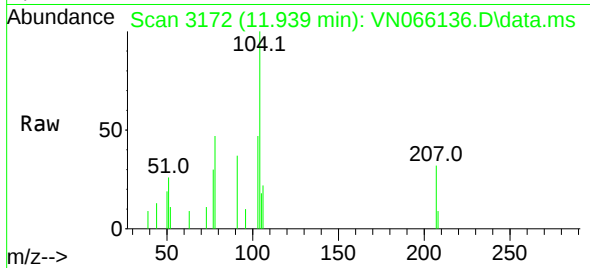
#68
o-Xylene
Concen: 0.40 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion:106 Resp: 1854
Ion Ratio Lower Upper
106 100
91 239.0 104.7 313.9

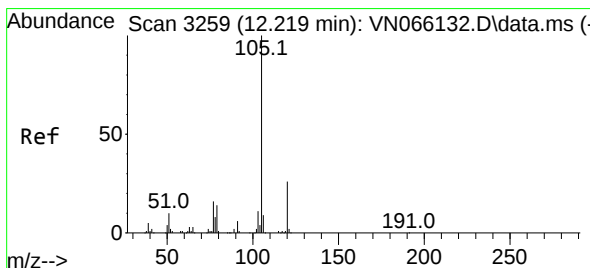
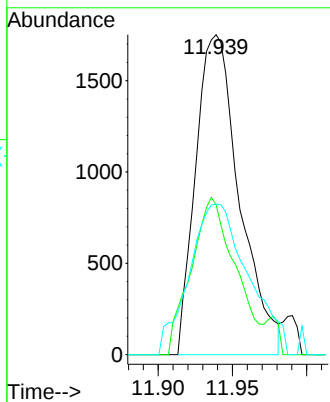
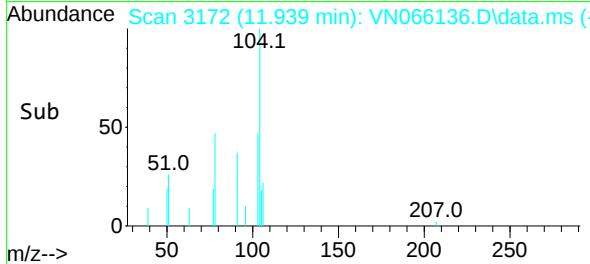




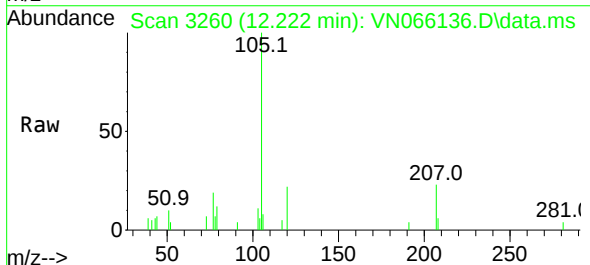
#69
Styrene
Concen: 0.48 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



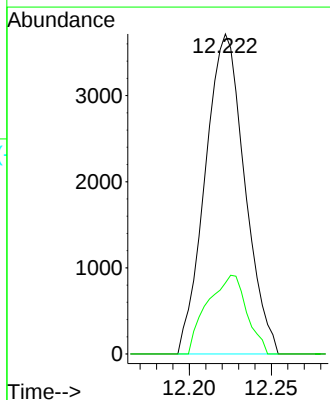
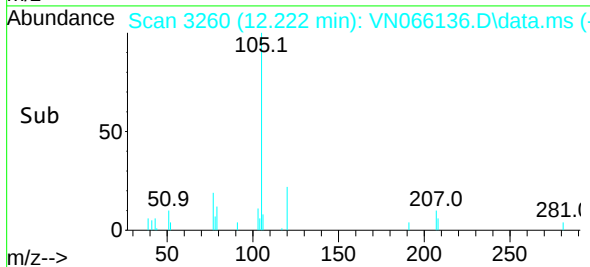
Tgt Ion:104 Resp: 3592
Ion Ratio Lower Upper
104 100
78 50.4 38.0 57.0
103 61.6 44.3 66.5



#70
Isopropylbenzene
Concen: 0.52 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



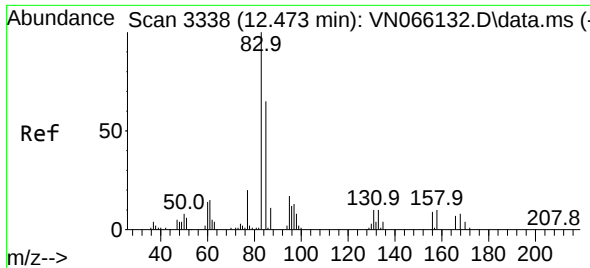
Tgt Ion:105 Resp: 6214
Ion Ratio Lower Upper
105 100
120 24.5 19.3 35.9



Instrument :
MSVOA_N
ClientSampled :
IBLK

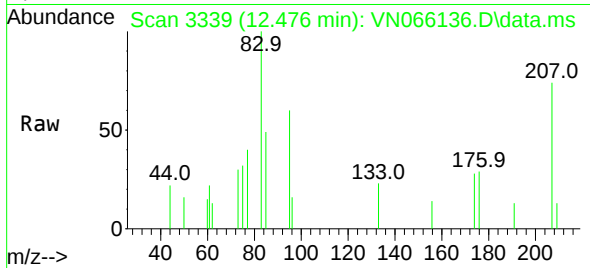
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#71
1,1,2,2-Tetrachloroethane
Concen: 0.60 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

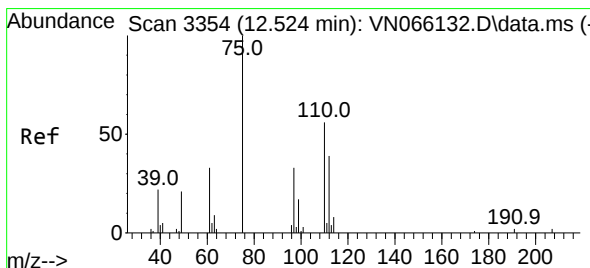
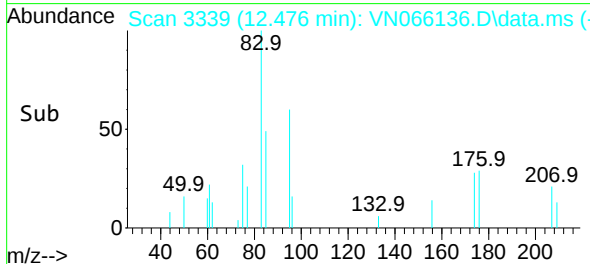
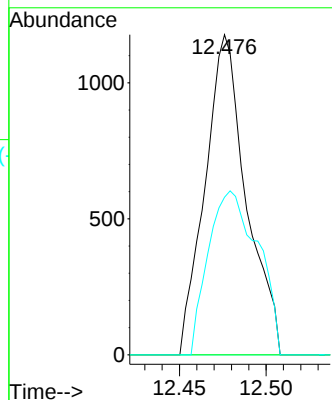
Instrument :
MSVOA_N
ClientSampled :
IBLK



Tgt Ion: 83 Resp: 1944
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 61.6 32.1 96.5

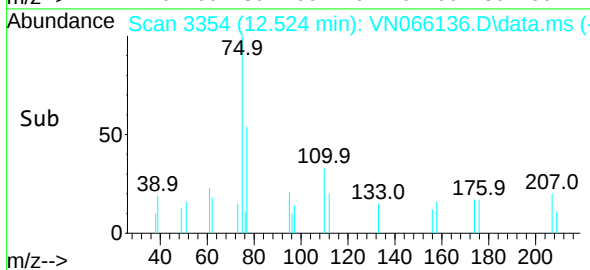
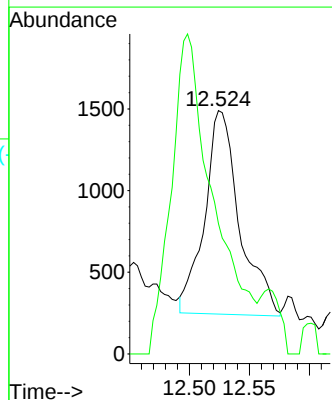
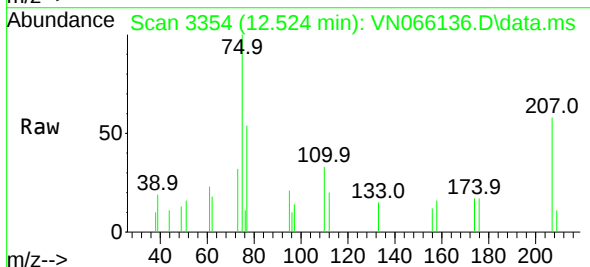
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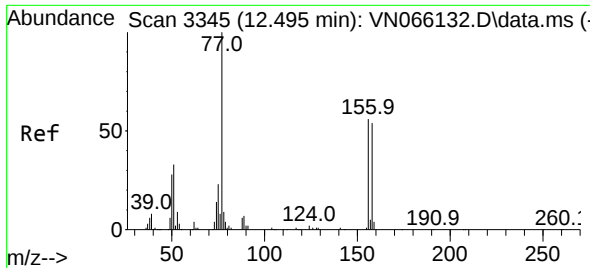
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#72
1,2,3-Trichloropropane
Concen: 0.77 ug/l
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 75 Resp: 2532
Ion Ratio Lower Upper
75 100
77 191.9 0.0 366.4





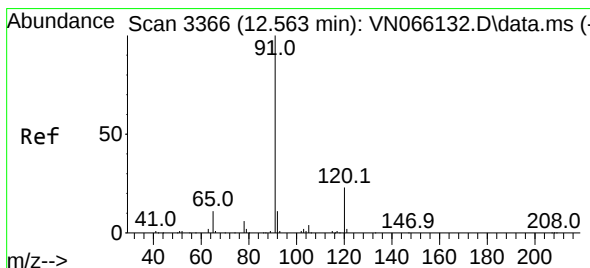
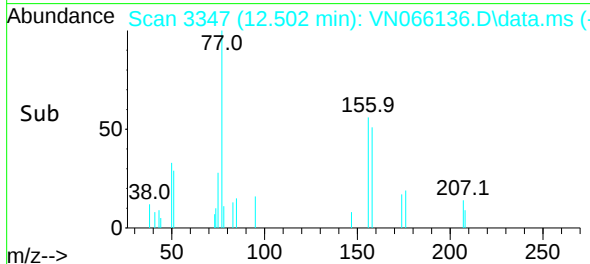
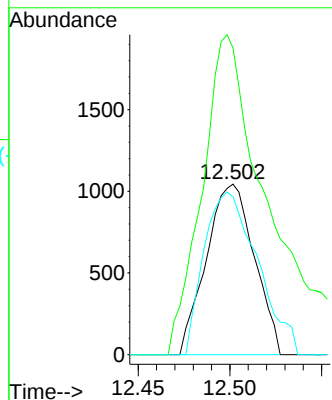
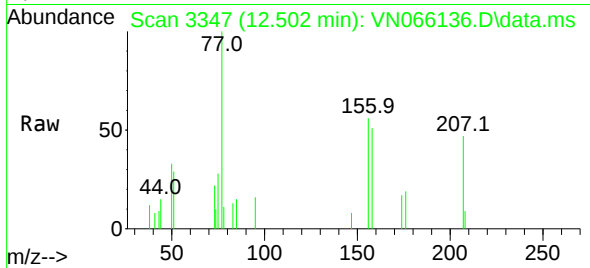
#73
Bromobenzene
Concen: 0.66 ug/l
RT: 12.502 min Scan# 3347
Delta R.T. 0.007 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion	Ratio	Lower	Upper
156	100		
77	255.9	0.0	348.8
158	106.4	0.0	194.8

Instrument :
MSVOA_N
ClientSampled :
IBLK

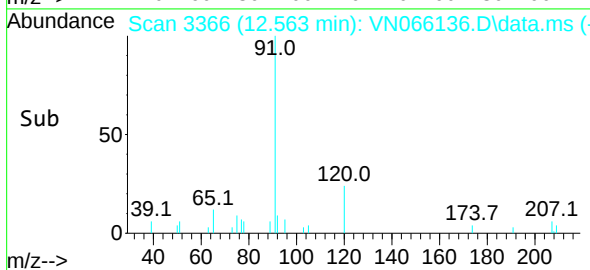
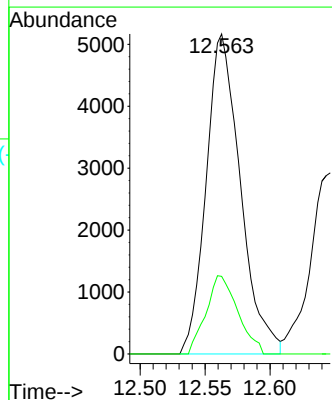
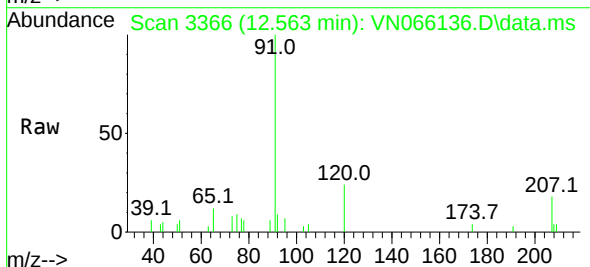
Manual Integrations
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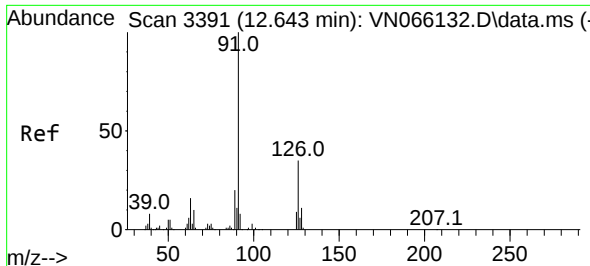
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#74
n-propylbenzene
Concen: 0.71 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	49.4





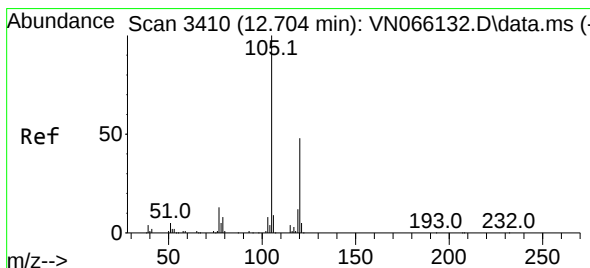
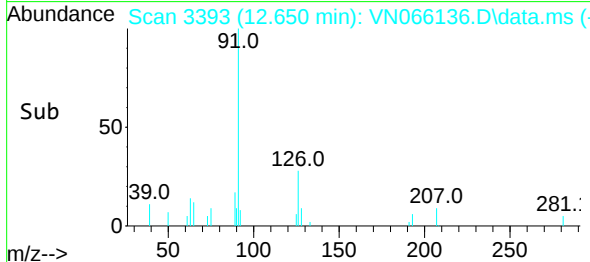
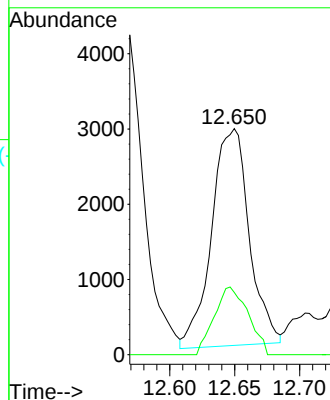
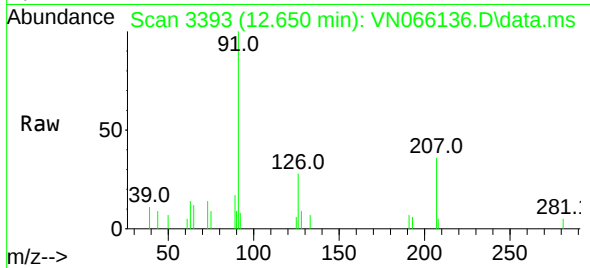
#75
2-Chlorotoluene
Concen: 0.69 ug/l
RT: 12.650 min Scan# 3393
Delta R.T. 0.007 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 91 Resp: 5820
Ion Ratio Lower Upper
91 100
126 28.1 0.0 74.2

Instrument :
MSVOA_N
ClientSampled :
IBLK

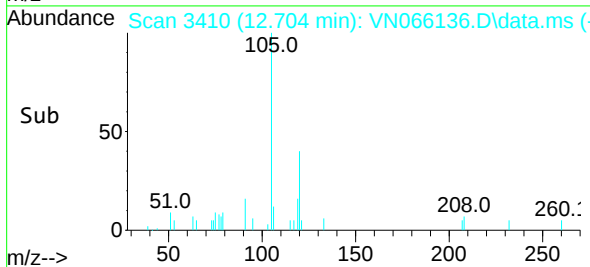
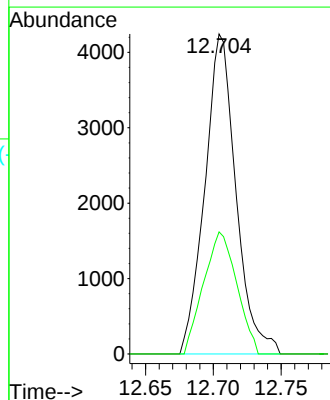
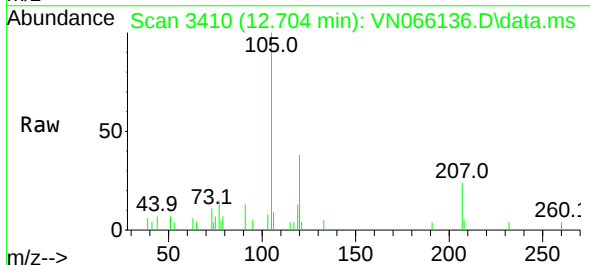
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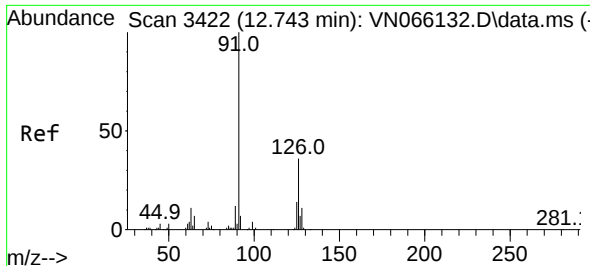
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#76
1,3,5-Trimethylbenzene
Concen: 0.63 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 105 Resp: 6767
Ion Ratio Lower Upper
105 100
120 40.7 0.0 101.6





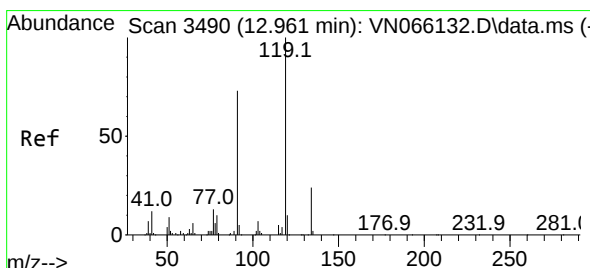
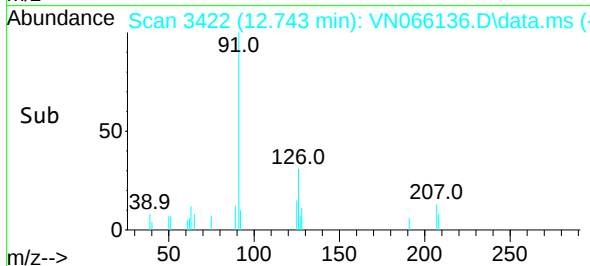
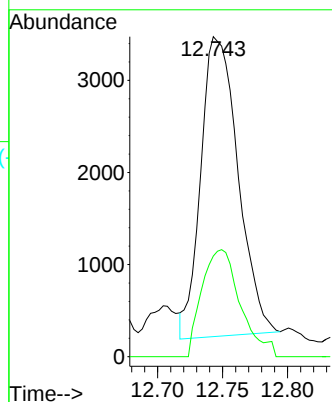
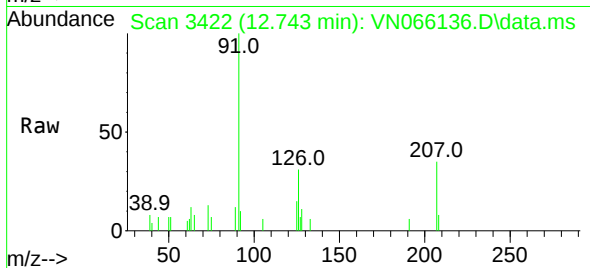
#78
4-Chlorotoluene
Concen: 0.75 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 91 Resp: 6479
Ion Ratio Lower Upper
91 100
126 35.9 0.0 71.4

Instrument :
MSVOA_N
ClientSampled :
IBLK

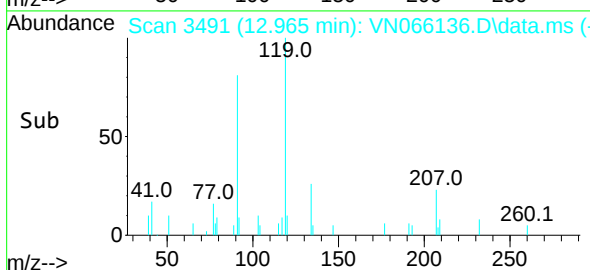
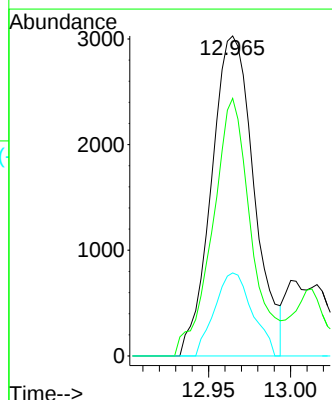
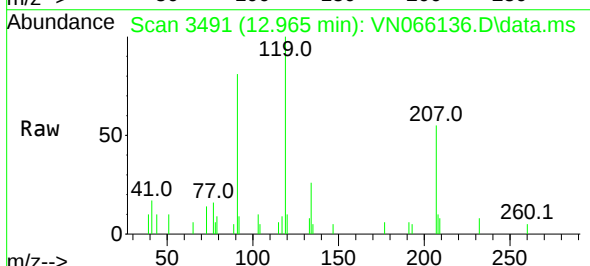
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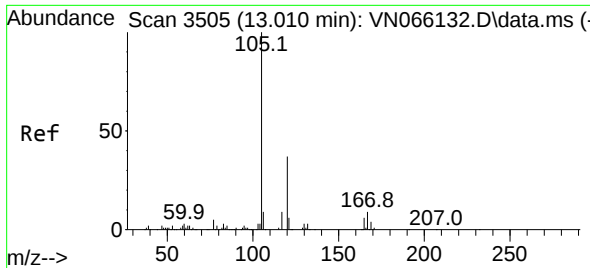
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#79
tert-butylbenzene
Concen: 0.61 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion: 119 Resp: 5462
Ion Ratio Lower Upper
119 100
91 72.4 0.0 126.0
134 22.8 0.0 51.2





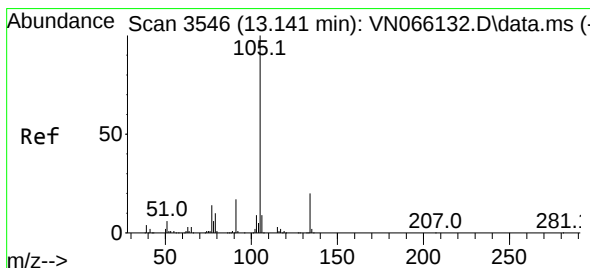
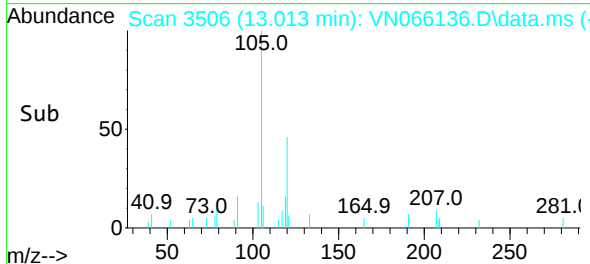
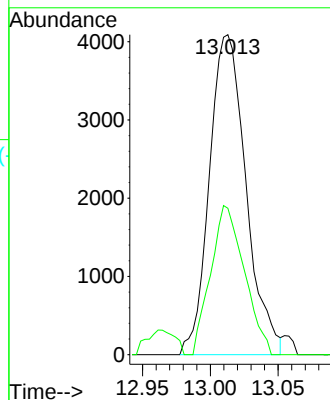
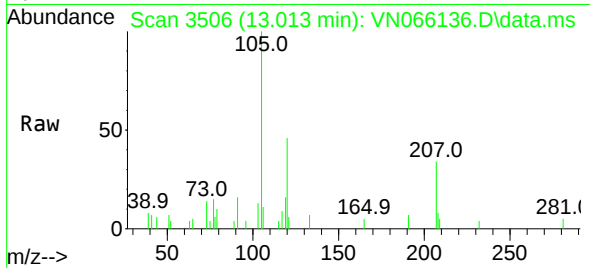
#80
1,2,4-Trimethylbenzene
Concen: 0.73 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion:105 Resp: 7678
Ion Ratio Lower Upper
105 100
120 42.9 0.0 93.6

Instrument :
MSVOA_N
ClientSampled :
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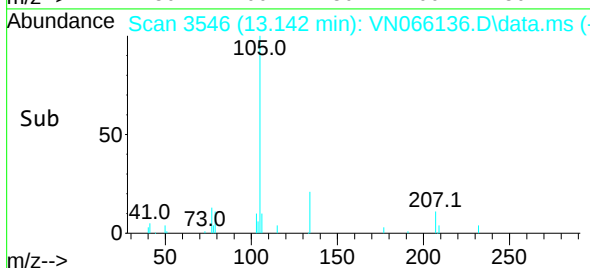
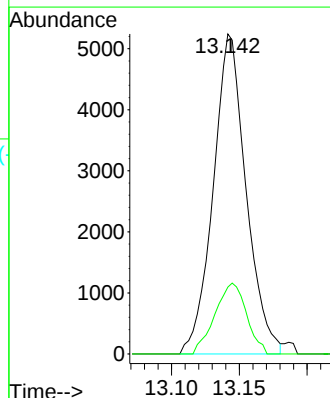
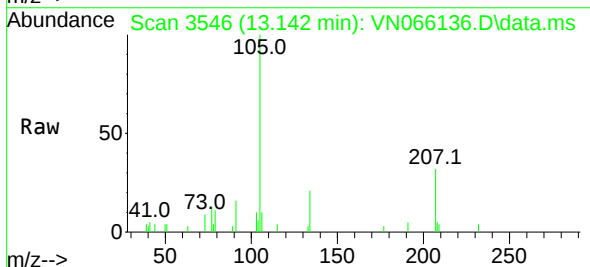
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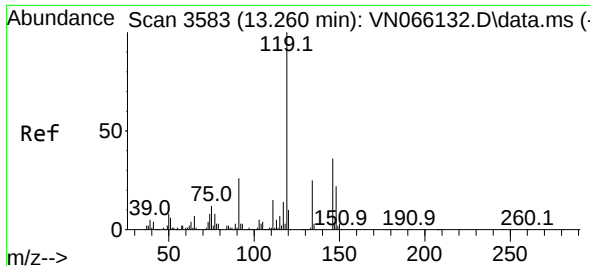
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#81
sec-Butylbenzene
Concen: 0.79 ug/l
RT: 13.142 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion:105 Resp: 8834
Ion Ratio Lower Upper
105 100
134 21.2 0.0 42.2





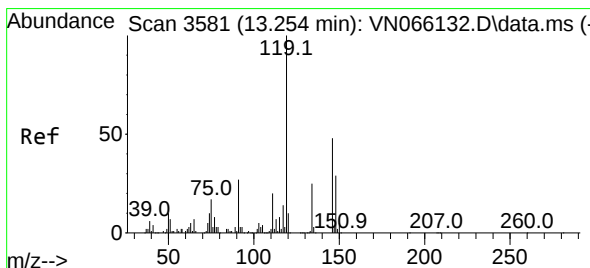
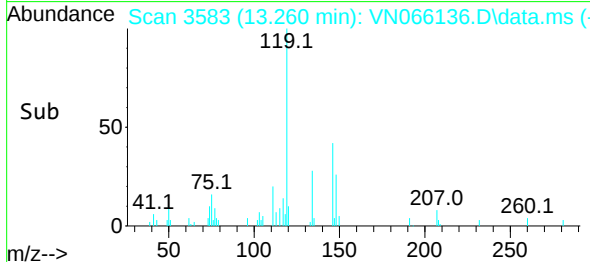
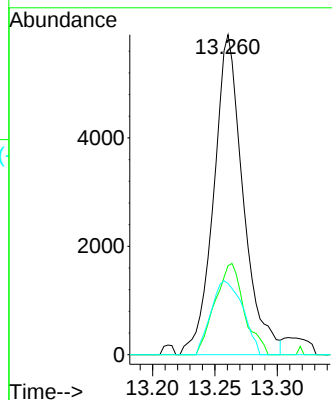
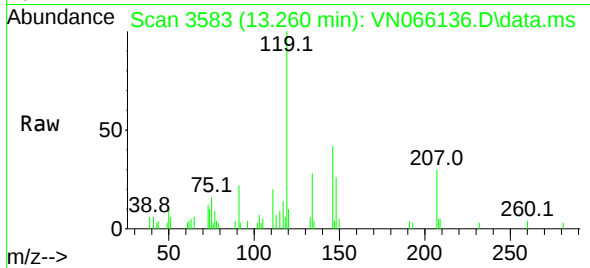
#82
p-Isopropyltoluene
Concen: 0.91 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion:119 Resp: 9704
Ion Ratio Lower Upper
119 100
134 28.2 0.0 54.8
91 24.8 0.0 44.8

Instrument :
MSVOA_N
ClientSampled :
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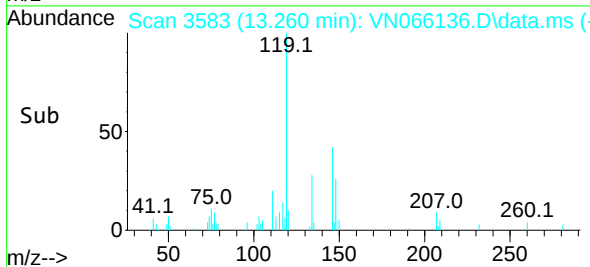
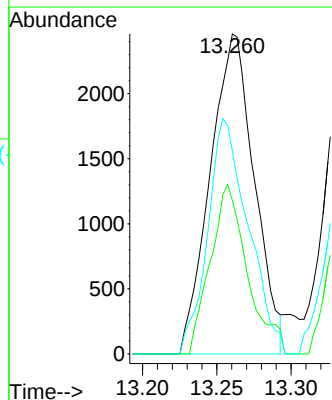
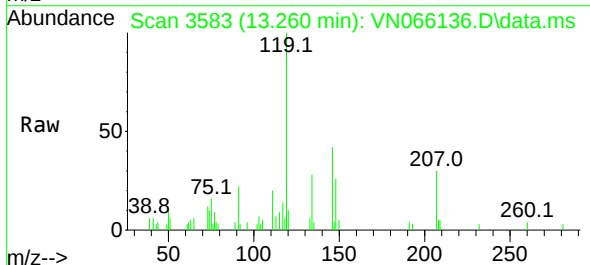
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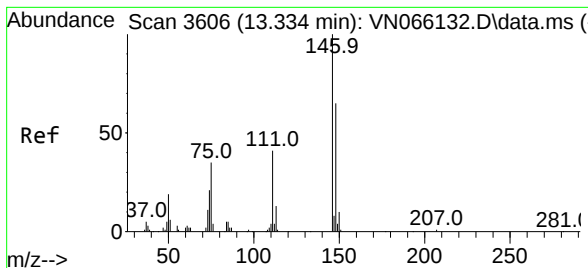
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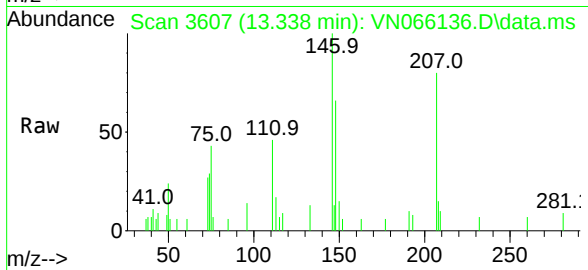
#83
1,3-Dichlorobenzene
Concen: 1.02 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. 0.007 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion:146 Resp: 5085
Ion Ratio Lower Upper
146 100
111 42.6 18.6 55.8
148 67.3 32.0 96.2

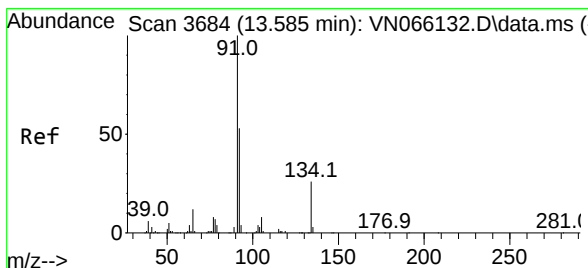
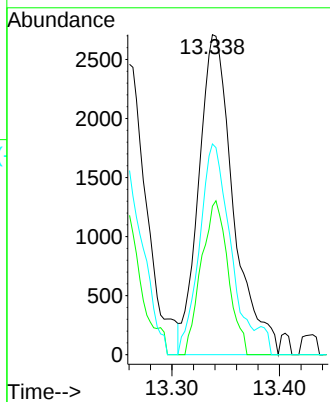
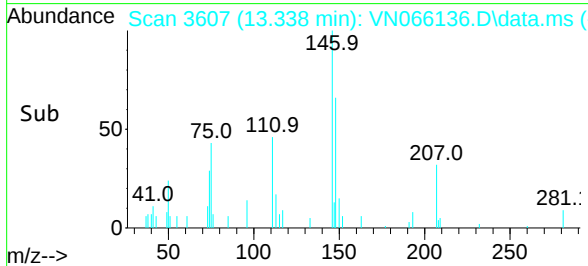




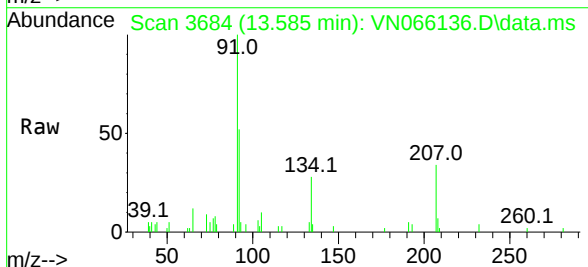
#84
1,4-Dichlorobenzene
Concen: 1.26 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



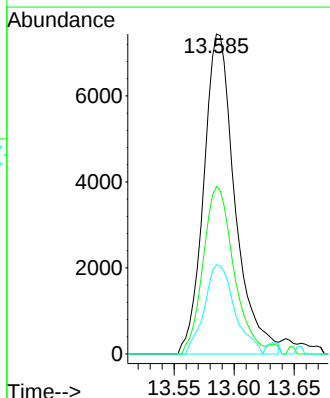
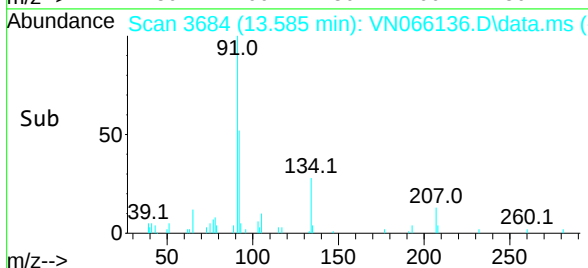
Tgt Ion: 146 Resp: 6073
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.7
148 58.3 31.8 95.4



#85
n-Butylbenzene
Concen: 1.61 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35



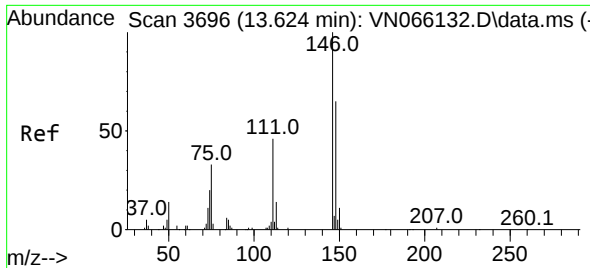
Tgt Ion: 91 Resp: 13440
Ion Ratio Lower Upper
91 100
92 51.4 0.0 104.8
134 27.1 0.0 55.8



Instrument :
MSVOA_N
ClientSampled :
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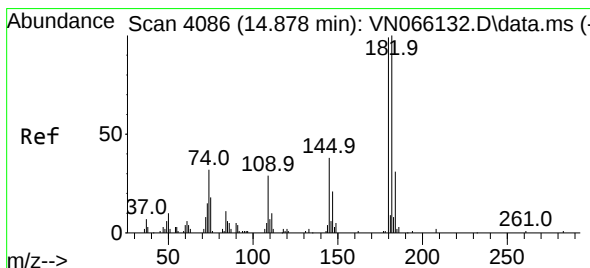
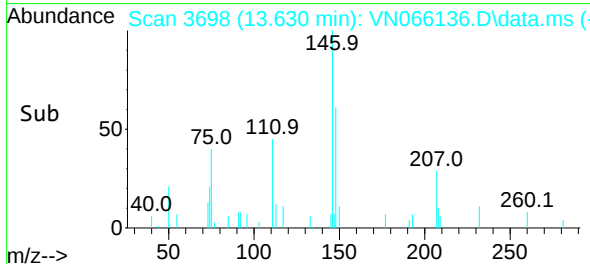
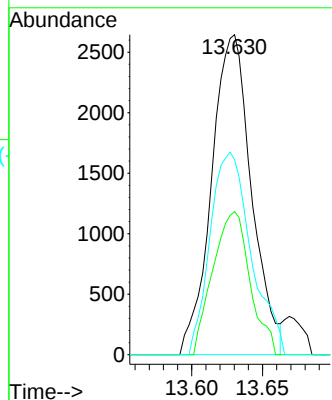
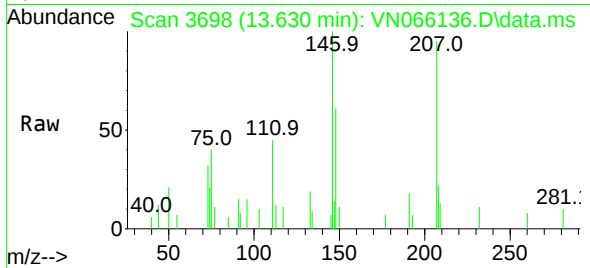
#87
1,2-Dichlorobenzene
Concen: 1.05 ug/l
RT: 13.630 min Scan# 3698
Delta R.T. 0.007 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	18.9	56.9
148	65.0	32.3	96.8

Instrument :
MSVOA_N
ClientSampled :
IBLK

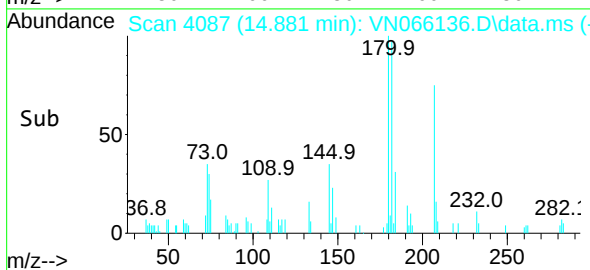
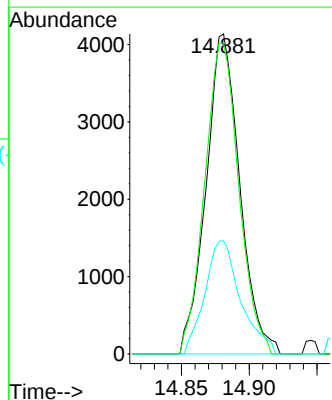
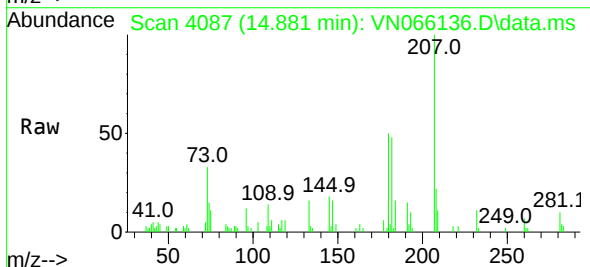
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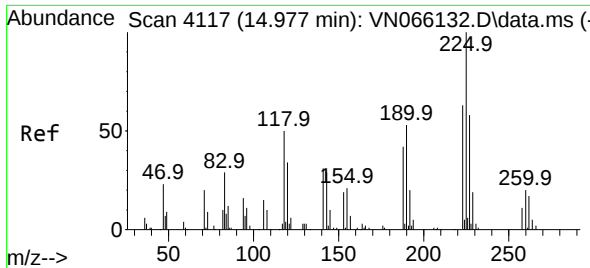
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#89
1,2,4-Trichlorobenzene
Concen: 2.68 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.003 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

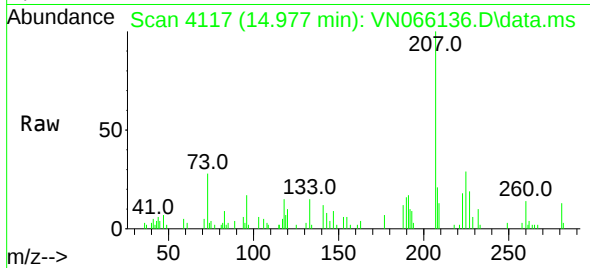
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	78.5	117.7
145	37.5	23.8	35.6





#90
Hexachlorobutadiene
Concen: 3.31 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

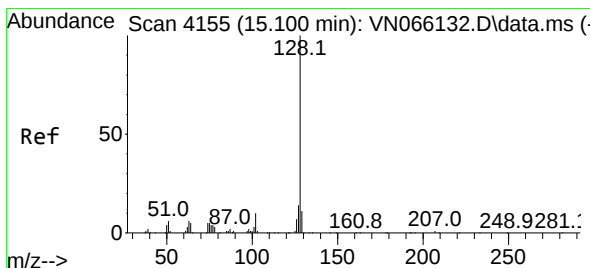
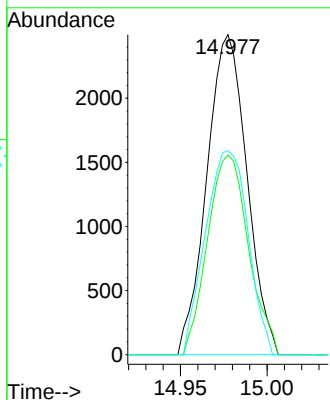
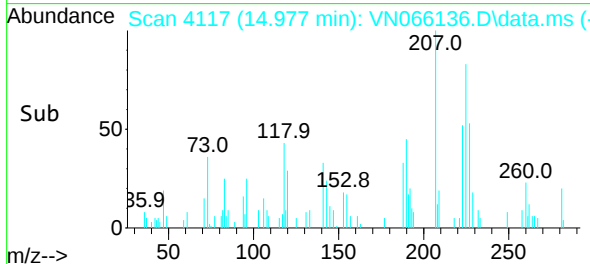
Instrument :
MSVOA_N
ClientSampled :
IBLK



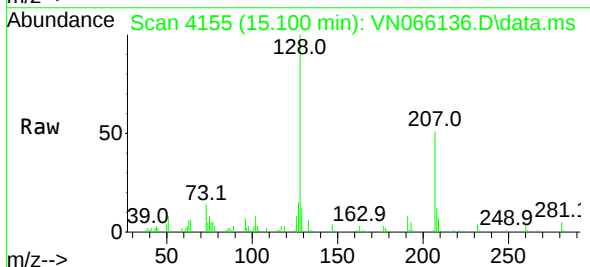
Tgt Ion:225 Resp: 4023
Ion Ratio Lower Upper
225 100
223 63.6 0.0 122.0
227 67.8 0.0 126.4

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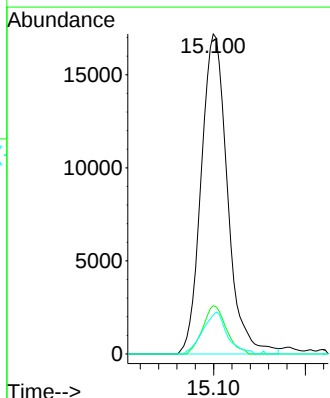
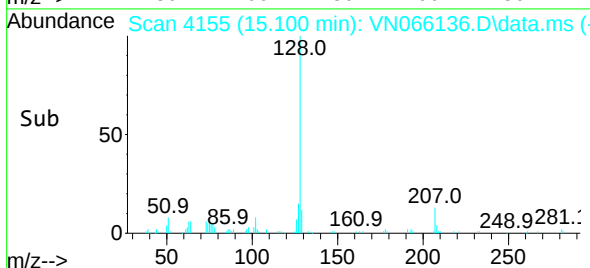
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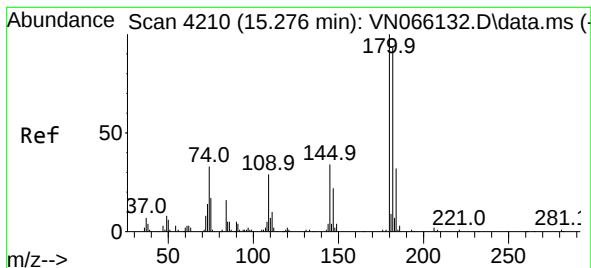


#91
Naphthalene
Concen: 4.37 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.000 min
Lab File: VN066136.D
Acq: 5 Mar 2021 15:35

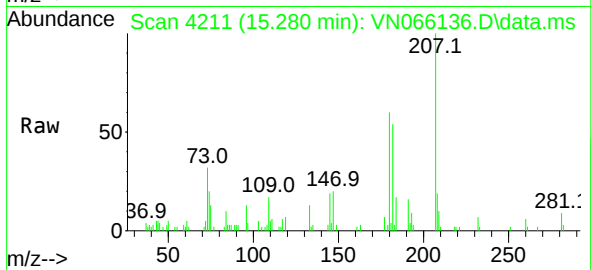


Tgt Ion:128 Resp: 34141
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 12.2 8.6 12.8

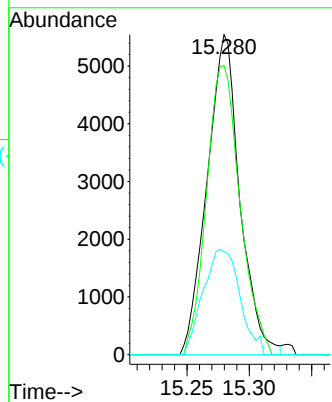
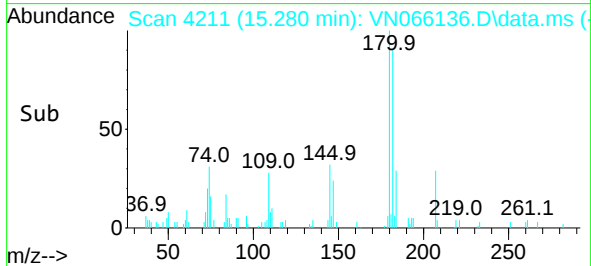




#92
 1,2,3-Trichlorobenzene
 Concen: 3.72 ug/l
 RT: 15.280 min Scan# 4211
 Delta R.T. 0.003 min
 Lab File: VN066136.D
 Acq: 5 Mar 2021 15:35



Tgt Ion:	180	Resp:	10131
Ion Ratio	Lower	Upper	
180	100		
182	92.4	0.0	190.4
145	36.4	0.0	57.8



Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

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