

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
 Data File : VN066133.D
 Acq On : 5 Mar 2021 14:25
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 3/8/2021 10:53:35 AM

Quant Time: Mar 05 14:54:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 05 14:32:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.164	128	38560	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.557	114	221862	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	210082	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.997	65	101535	36.24	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 120.80%#			
60) 4-Bromofluorobenzene	12.373	95	112240	32.60	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 108.67%			
63) Toluene-d8	10.061	98	282285	28.26	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.872	85	91628	41.07	ug/l	92
3) Chloromethane	2.078	50	127791	39.24	ug/l	99
4) Vinyl Chloride	2.206	62	134540	41.93	ug/l	99
5) Bromomethane	2.563	94	92096	46.62	ug/l	99
6) Chloroethane	2.711	64	80165	42.94	ug/l	99
7) Trichlorofluoromethane	3.023	101	201283	56.43	ug/l	99
8) Diethyl Ether	3.409	74	71077	45.73	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.756	101	85537	41.80	ug/l	94
10) 1,1-Dichloroethene	3.734	96	98958	44.85	ug/l	91
11) Methyl Iodide	3.949	142	156117	49.71	ug/l	87
12) Methyl Acetate	4.309	43	108004	41.03	ug/l	98
13) Acrolein	3.599	56	90013	249.17	ug/l	98
14) Acrylonitrile	4.962	53	260052	220.34	ug/l	100
15) Acetone	3.808	58	73637m	208.96	ug/l	
16) Carbon Disulfide	4.046	76	285704	41.64	ug/l	99
17) Allyl chloride	4.309	41	179099	42.96	ug/l	91
18) Methylene Chloride	4.537	84	123932	47.30	ug/l	96
19) trans-1,2-Dichloroethene	5.023	96	114463	46.92	ug/l	92
20) Diisopropyl ether	5.926	45	350940	42.12	ug/l	96
21) 1,1-Dichloroethane	5.824	63	218473	46.53	ug/l	98
22) cis-1,2-Dichloroethene	6.801	96	137145	48.71	ug/l	95
23) tert-Butyl Alcohol	4.766	59	117202	268.50	ug/l #	100
24) Methyl tert-Butyl Ether	5.020	73	401170	52.40	ug/l	93
25) Chloroform	7.344	83	239771	54.74	ug/l	96
26) Cyclohexane	7.627	56	163951	38.60	ug/l #	98
29) 1,1-Dichloropropene	7.762	75	164031	46.06	ug/l	98
30) 2-Butanone	6.801	43	336468	214.84	ug/l	99
31) 2,2-Dichloropropane	6.791	77	217270	55.84	ug/l	94
32) 1,1,1-Trichloroethane	7.541	97	217518	58.39	ug/l	99
33) Carbon Tetrachloride	7.746	117	184352	59.57	ug/l	99
34) Benzene	8.013	78	503944	46.02	ug/l #	91
35) Methacrylonitrile	7.152	41	73257m	43.06	ug/l	
36) 1,2-Dichloroethane	8.094	62	204595	58.73	ug/l	96
37) Trichloroethene	8.807	130	136795	50.82	ug/l	93
38) Methylcyclohexane	9.052	83	176127	42.45	ug/l	97
39) 1,2-Dichloropropane	9.087	63	126822	43.18	ug/l	100
40) Dibromomethane	9.180	93	87363	50.56	ug/l	86
41) Bromodichloromethane	9.373	83	200124	56.25	ug/l	97
42) Vinyl Acetate	5.869	43	1529419	222.03	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.894	43	144666	45.28	ug/l	95
44) Isopropyl Acetate	8.132	43	256487	45.67	ug/l #	85
45) 1,4-Dioxane	9.171	88	48601	1039.53	ug/l	99
46) Methyl methacrylate	9.168	41	122329	45.39	ug/l	94
47) n-amyl Acetate	12.042	43	194549	42.80	ug/l	97
48) t-1,3-Dichloropropene	10.351	75	230044	55.00	ug/l	97
49) cis-1,3-Dichloropropene	9.807	75	234027	50.12	ug/l #	91
50) 1,1,2-Trichloroethane	10.531	97	125218	50.13	ug/l	98
51) Ethyl methacrylate	10.399	69	188879	47.70	ug/l	96
52) 1,3-Dichloropropane	10.676	76	214885	48.24	ug/l	99
53) Dibromochloromethane	10.872	129	151674	57.76	ug/l	99
54) 1,2-Dibromoethane	10.978	107	129671	51.19	ug/l	100
55) 2-Chloroethyl vinyl ether	9.663	63	336714	199.81	ug/l	99
56) Bromoform	12.100	173	103266	61.69	ug/l #	96
58) 4-Methyl-2-Pentanone	9.952	43	714189	210.93	ug/l	99
59) 2-Hexanone	10.721	43	505190	210.64	ug/l	98
61) Tetrachloroethene	10.602	164	139030	49.76	ug/l	93
62) Toluene	10.126	91	559073	46.08	ug/l	98
64) Chlorobenzene	11.402	112	362154	49.89	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.479	131	140421	54.55	ug/l	97
66) Ethyl Benzene	11.483	91	639043	48.67	ug/l	100
67) m/p-Xylenes	11.592	106	500407	101.74	ug/l	94
68) o-Xylene	11.917	106	245741	51.27	ug/l	95
69) Styrene	11.936	104	403610	51.96	ug/l	94
70) Isopropylbenzene	12.219	105	635747	51.55	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.476	83	176443	49.19	ug/l	99
72) 1,2,3-Trichloropropane	12.524	75	184809m	53.07	ug/l	
73) Bromobenzene	12.495	156	154307	54.75	ug/l	81
74) n-propylbenzene	12.560	91	720770	50.86	ug/l	98
75) 2-Chlorotoluene	12.643	91	463342	53.64	ug/l	93
76) 1,3,5-Trimethylbenzene	12.704	105	574527	54.89	ug/l	96
77) t-1,4-Dichloro-2-butene	12.274	75	64365	47.72	ug/l	91
78) 4-Chlorotoluene	12.743	91	468059	54.02	ug/l	94
79) tert-butylbenzene	12.965	119	474414	54.64	ug/l	92
80) 1,2,4-Trimethylbenzene	13.010	105	567923	54.45	ug/l	97
81) sec-Butylbenzene	13.142	105	601426	52.85	ug/l	98
82) p-Isopropyltoluene	13.257	119	574833	55.86	ug/l	95
83) 1,3-Dichlorobenzene	13.254	146	273465	55.64	ug/l	96
84) 1,4-Dichlorobenzene	13.335	146	268906	55.93	ug/l	96
85) n-Butylbenzene	13.585	91	454021	51.86	ug/l	98
86) Hexachloroethane	13.843	117	89481	51.59	ug/l	77
87) 1,2-Dichlorobenzene	13.624	146	267780	54.50	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.238	75	41038	57.98	ug/l #	72
89) 1,2,4-Trichlorobenzene	14.878	180	144870	56.69	ug/l	96
90) Hexachlorobutadiene	14.978	225	63013	53.90	ug/l	98
91) Naphthalene	15.100	128	425765	52.44	ug/l	99
92) 1,2,3-Trichlorobenzene	15.280	180	147519	57.12	ug/l	97

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

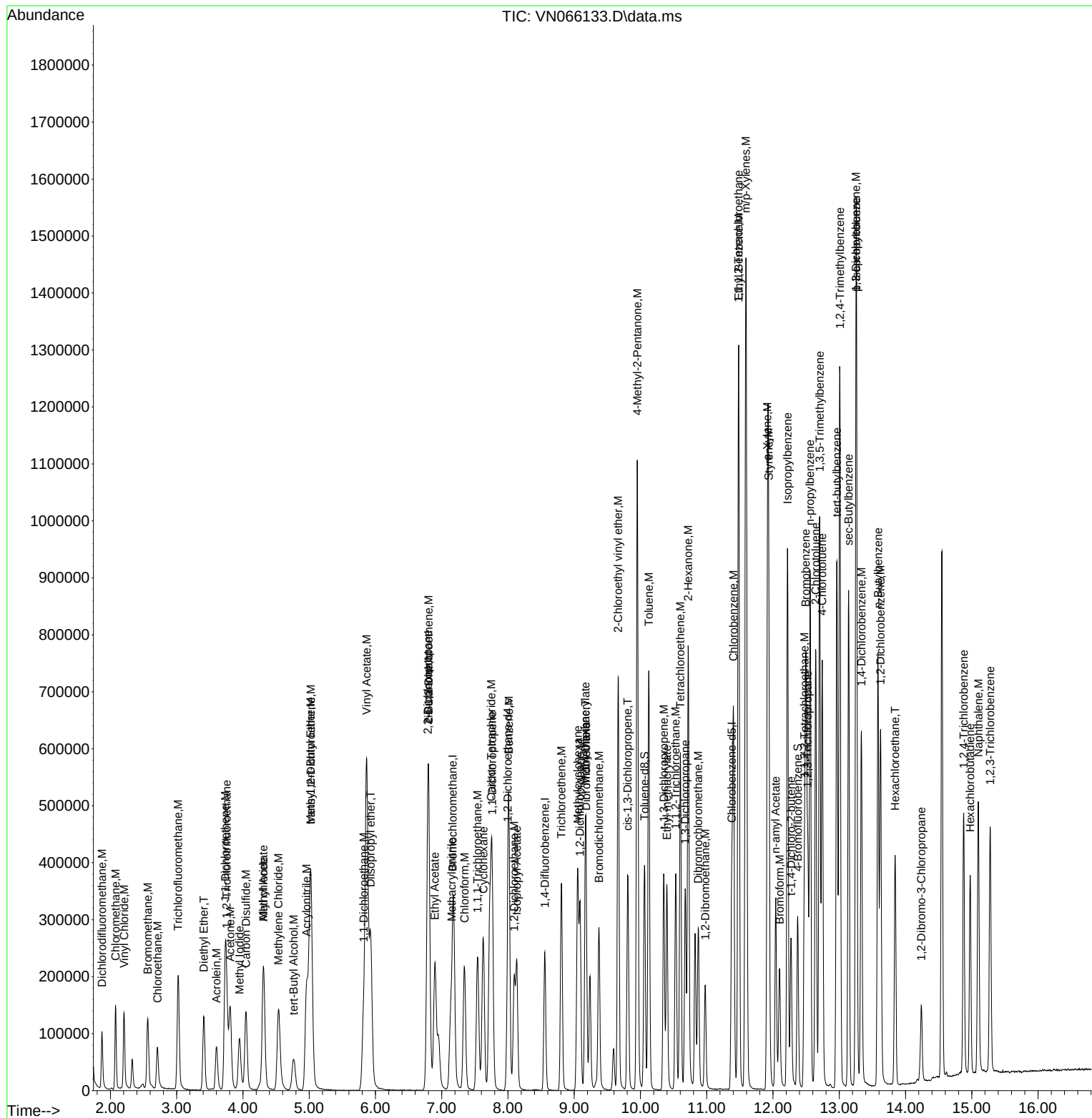
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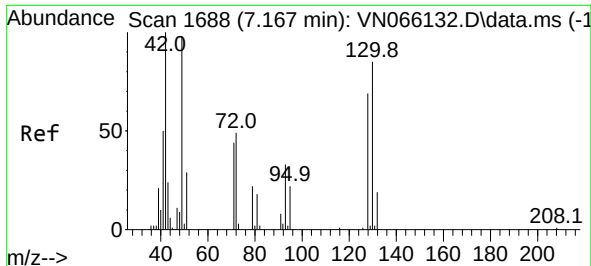
Instrument :
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 ClientSampleId :
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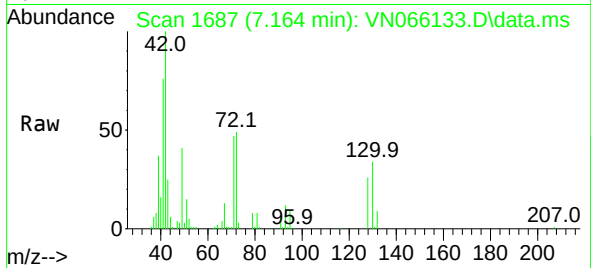
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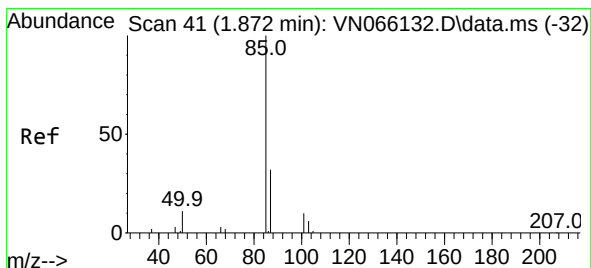
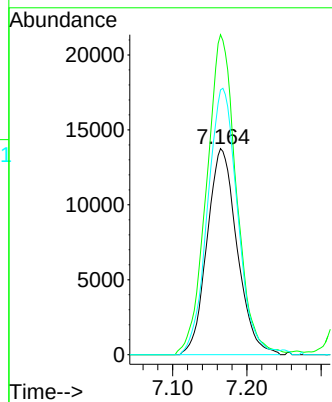
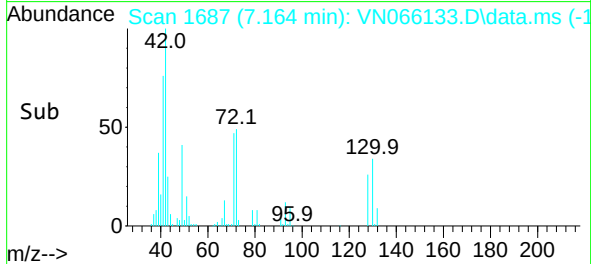




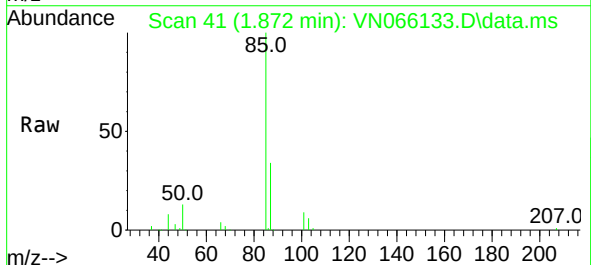
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.164 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VN066133.D
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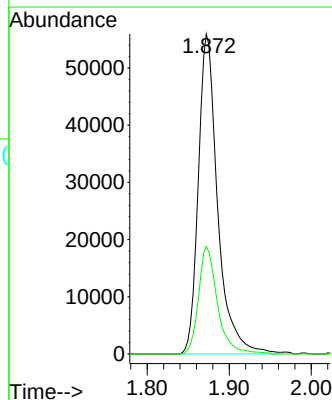
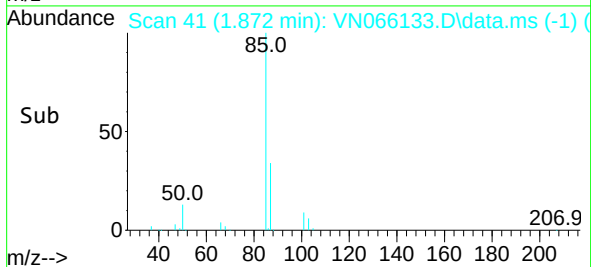
Tgt Ion:128 Resp: 38560
Ion Ratio Lower Upper
128 100
49 154.0 0.0 355.0
130 128.8 0.0 325.5



#2
Dichlorodifluoromethane
Concen: 41.07 ug/l
RT: 1.872 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



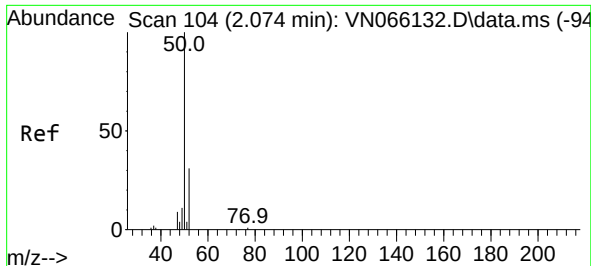
Tgt Ion: 85 Resp: 91628
Ion Ratio Lower Upper
85 100
87 33.5 14.6 43.8



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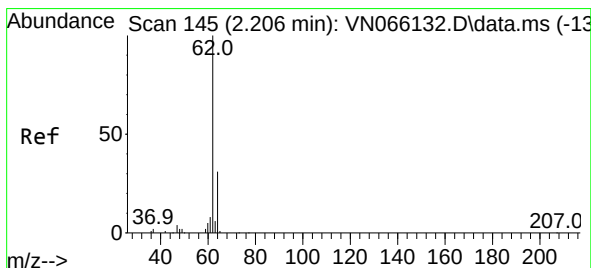
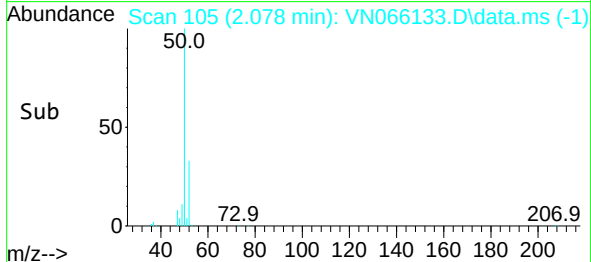
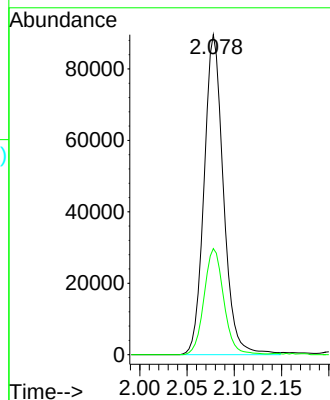
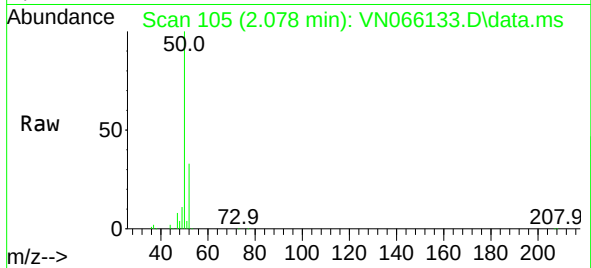
#3
Chloromethane
Concen: 39.24 ug/l
RT: 2.078 min Scan# 105
Delta R.T. 0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 50 Resp: 127791
Ion Ratio Lower Upper
50 100
52 33.2 26.8 40.2

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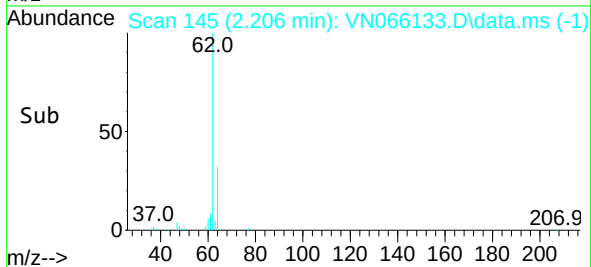
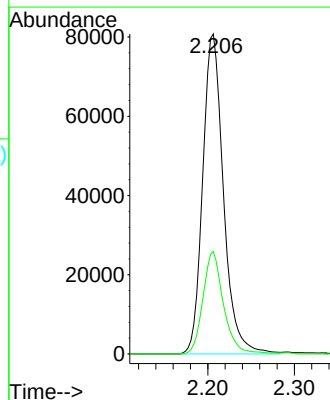
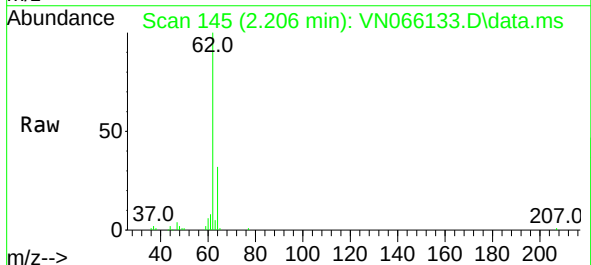
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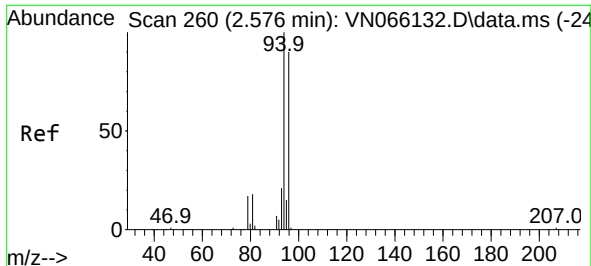
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#4
Vinyl Chloride
Concen: 41.93 ug/l
RT: 2.206 min Scan# 145
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

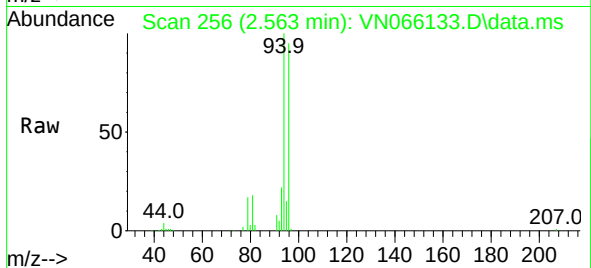
Tgt Ion: 62 Resp: 134540
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





#5
Bromomethane
Concen: 46.62 ug/l
RT: 2.563 min Scan# 256
Delta R.T. -0.013 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

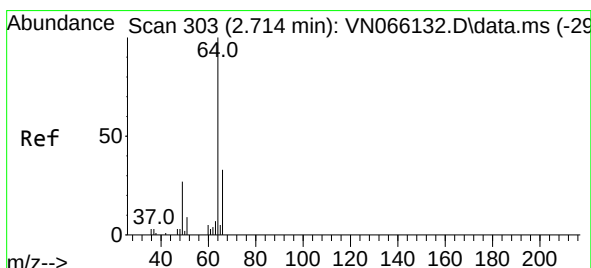
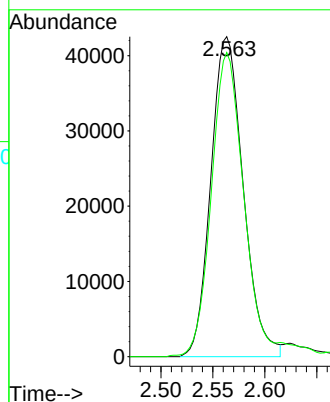
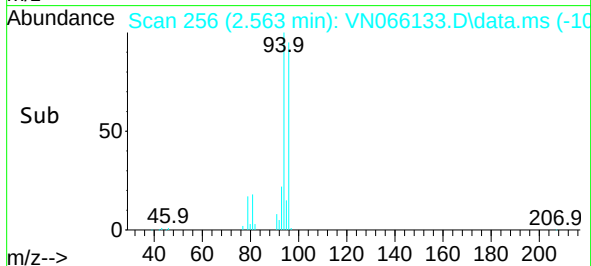
Instrument :
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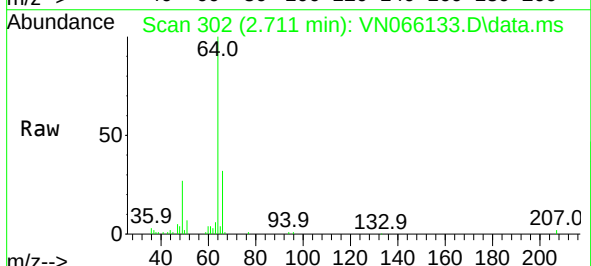
Tgt Ion: 94 Resp: 92096
Ion Ratio Lower Upper
94 100
96 94.5 74.6 111.8

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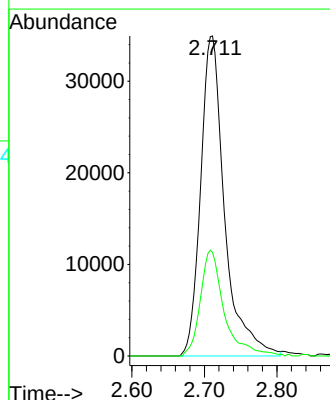
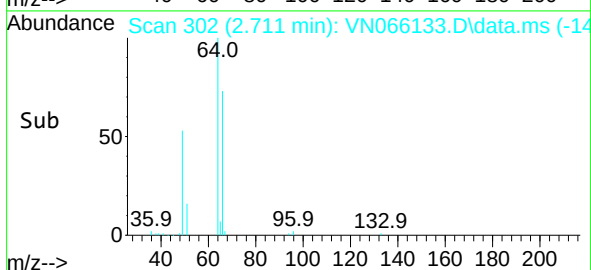
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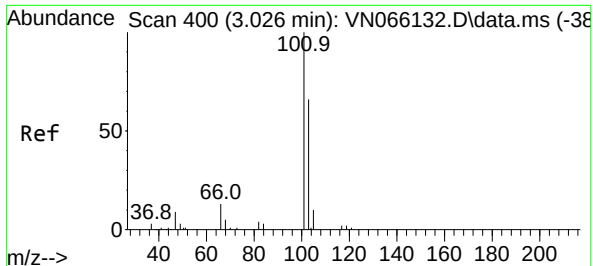


#6
Chloroethane
Concen: 42.94 ug/l
RT: 2.711 min Scan# 302
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



Tgt Ion: 64 Resp: 80165
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





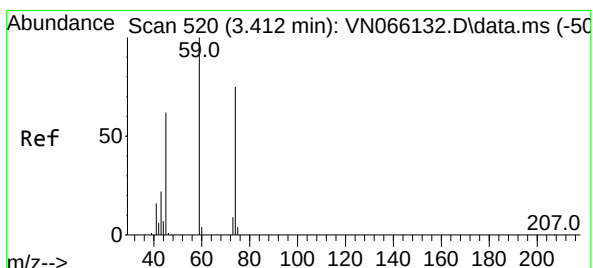
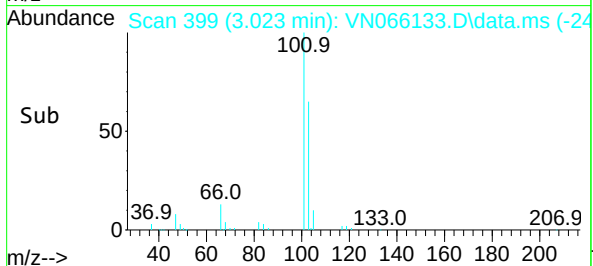
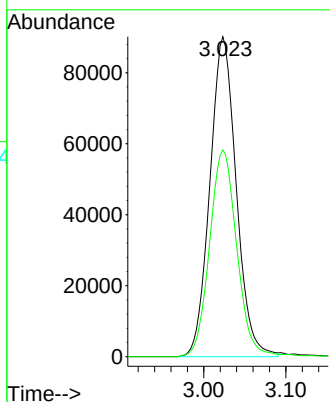
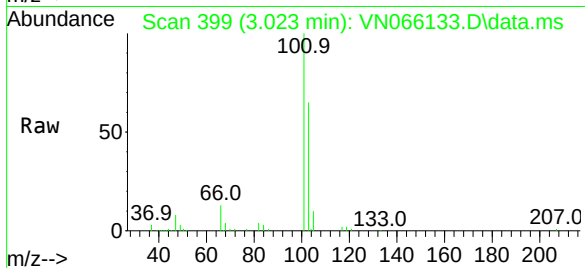
#7
Trichlorofluoromethane
Concen: 56.43 ug/l
RT: 3.023 min Scan# 399
Delta R.T. -0.003 min
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Tgt Ion:101 Resp: 201283
Ion Ratio Lower Upper
101 100
103 64.6 52.6 78.8

Instrument :
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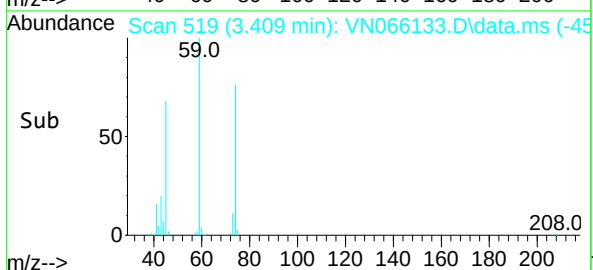
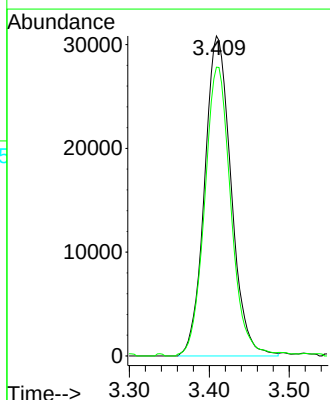
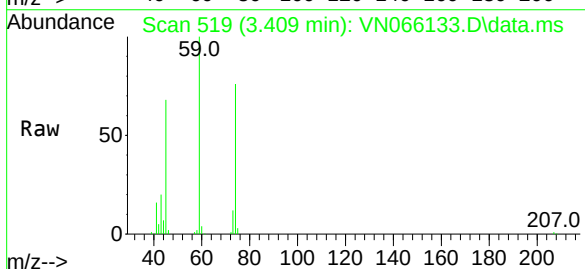
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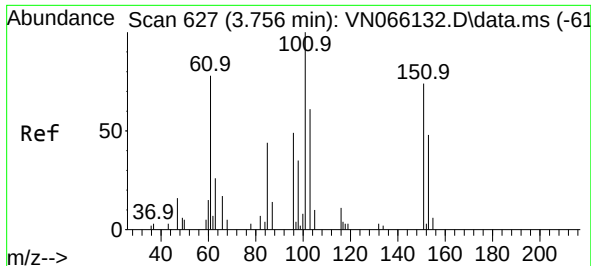
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#8
Diethyl Ether
Concen: 45.73 ug/l
RT: 3.409 min Scan# 519
Delta R.T. -0.003 min
Lab File: VN066133.D
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Tgt Ion: 74 Resp: 71077
Ion Ratio Lower Upper
74 100
45 89.3 18.5 166.9





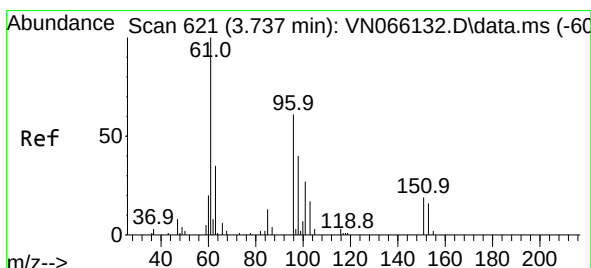
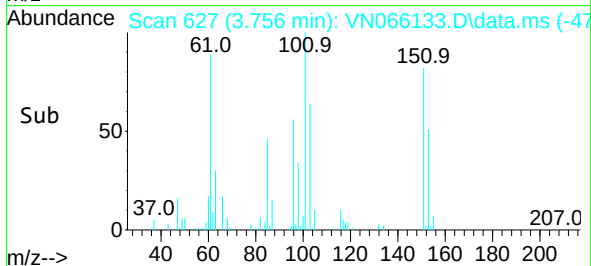
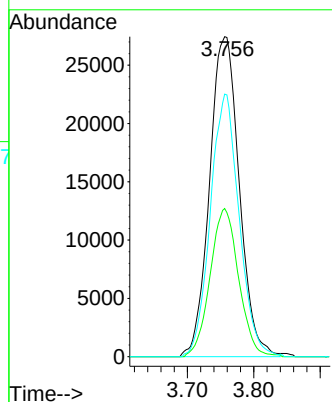
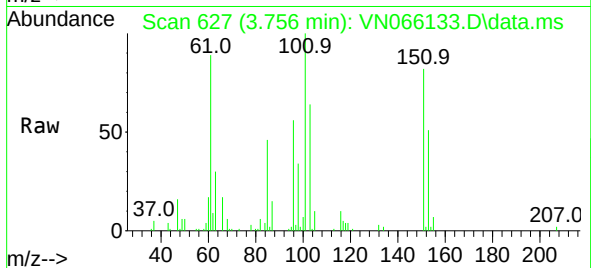
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.80 ug/l
RT: 3.756 min Scan# 627
Delta R.T. 0.000 min
Lab File: VN066133.D
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Tgt Ion: 101 Resp: 85537
Ion Ratio Lower Upper
101 100
85 44.3 0.0 80.6
151 79.4 0.0 169.2

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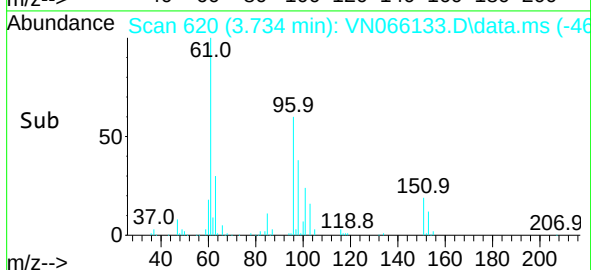
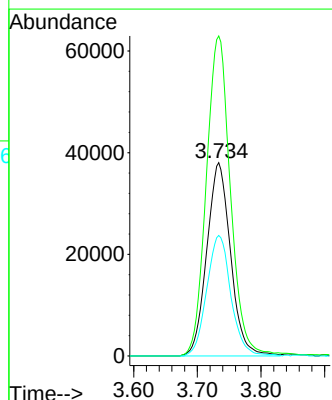
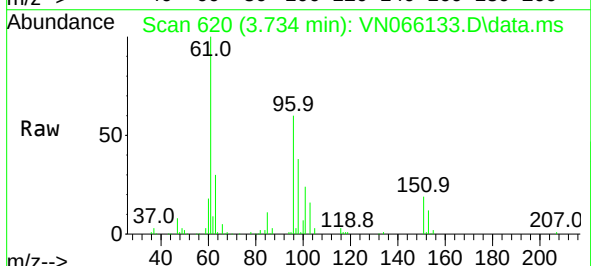
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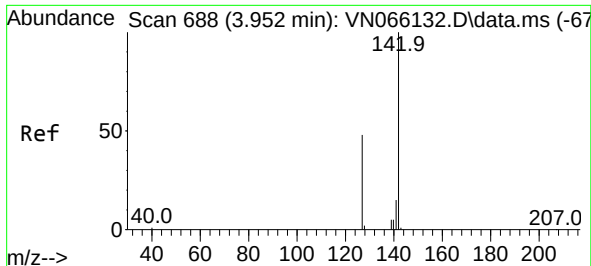
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#10
1,1-Dichloroethene
Concen: 44.85 ug/l
RT: 3.734 min Scan# 620
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

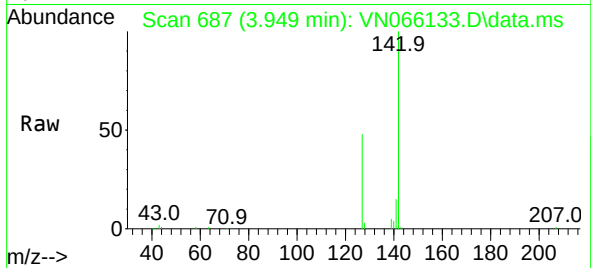
Tgt Ion: 96 Resp: 98958
Ion Ratio Lower Upper
96 100
61 165.5 119.9 179.9
98 62.3 51.2 76.8





#11
Methyl Iodide
Concen: 49.71 ug/l
RT: 3.949 min Scan# 687
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

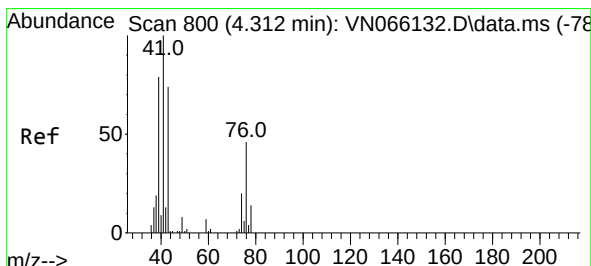
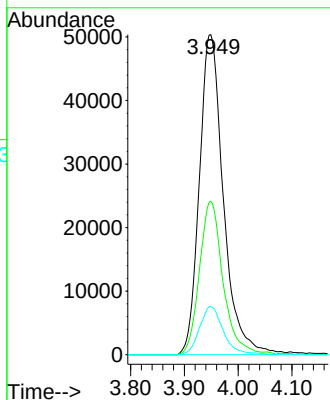
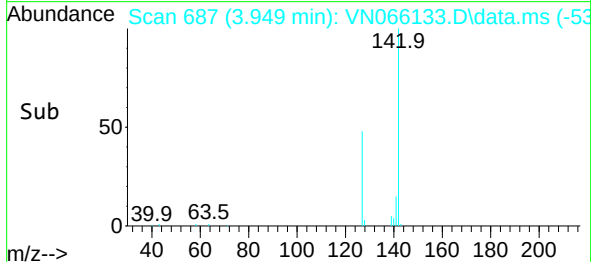
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



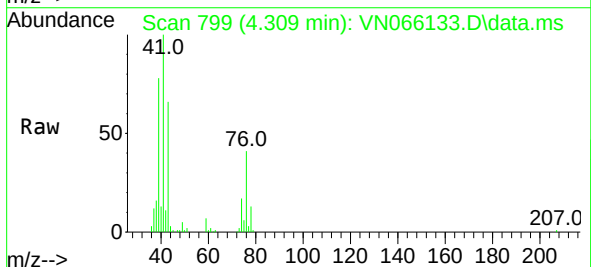
Tgt Ion:142 Resp: 156117
Ion Ratio Lower Upper
142 100
127 48.0 19.1 57.5
141 15.1 7.0 20.9

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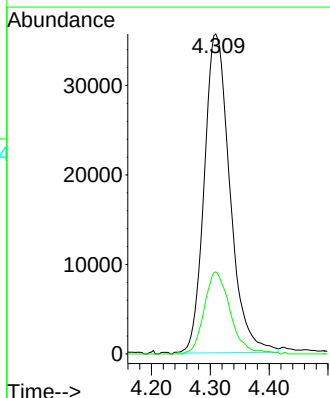
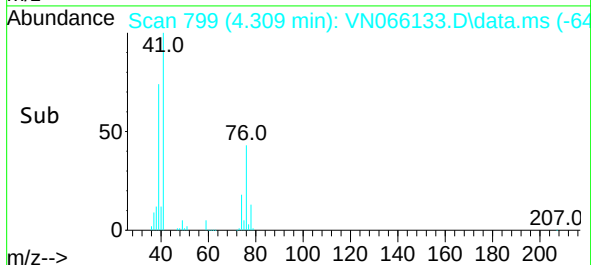
MMDadoda
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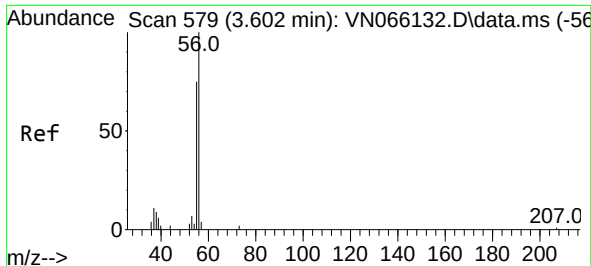


#12
Methyl Acetate
Concen: 41.03 ug/l
RT: 4.309 min Scan# 799
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



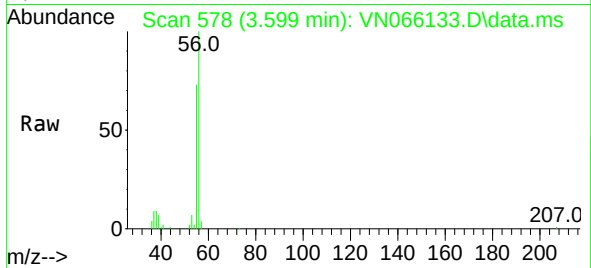
Tgt Ion: 43 Resp: 108004
Ion Ratio Lower Upper
43 100
74 25.7 19.9 29.9





#13
Acrolein
Concen: 249.17 ug/l
RT: 3.599 min Scan# 578
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

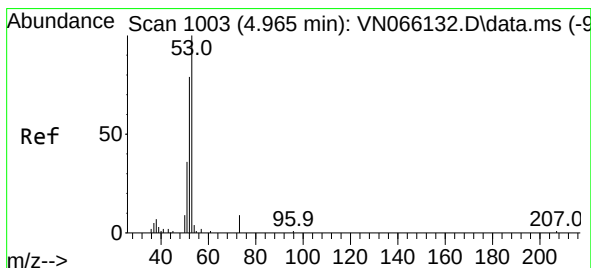
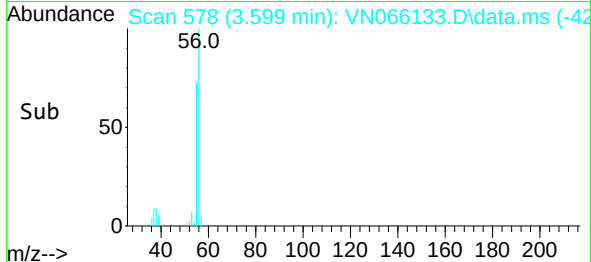
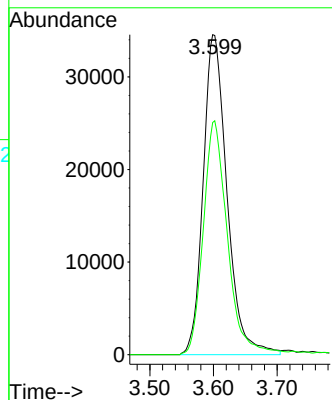
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 90013
Ion Ratio Lower Upper
56 100
55 73.4 57.7 86.5

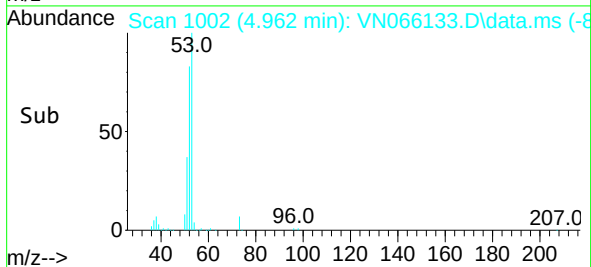
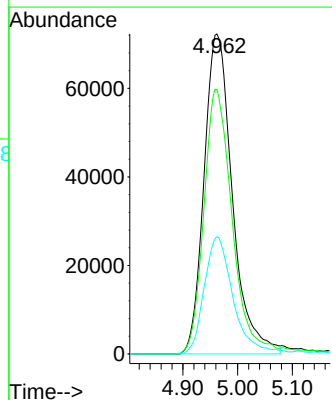
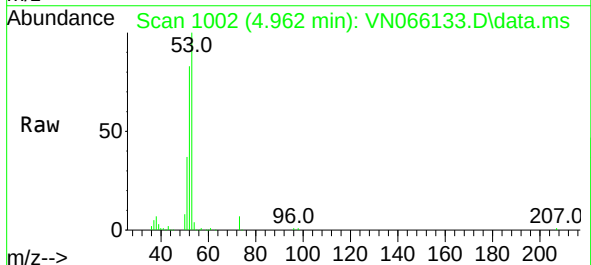
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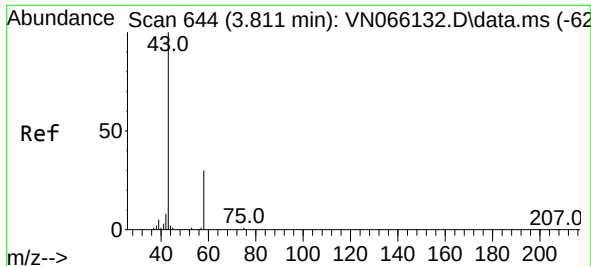
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3/8/2021 10:53:35 AM



#14
Acrylonitrile
Concen: 220.34 ug/l
RT: 4.962 min Scan# 1002
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

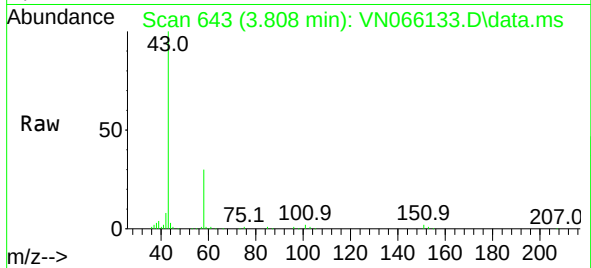
Tgt Ion: 53 Resp: 260052
Ion Ratio Lower Upper
53 100
52 81.4 40.7 122.1
51 36.3 18.3 54.8





#15
Acetone
Concen: 208.96 ug/l m
RT: 3.808 min Scan# 643
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

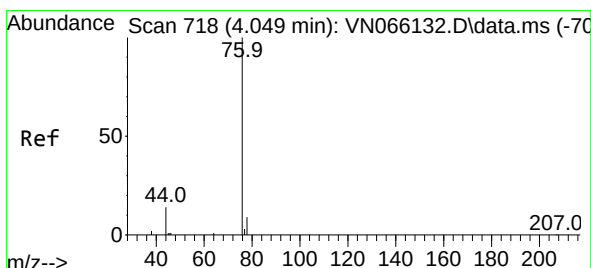
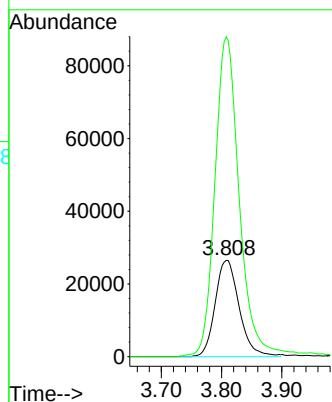
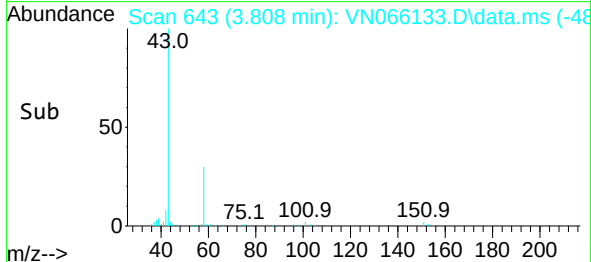
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



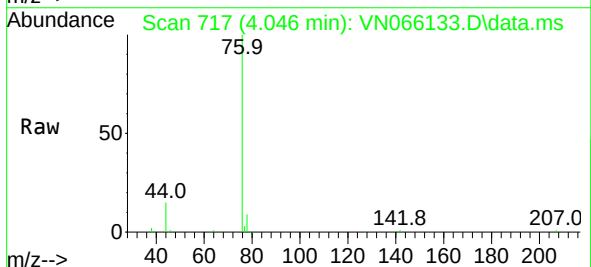
Tgt Ion: 58 Resp: 73637
Ion Ratio Lower Upper
58 100
43 332.2 203.4 305.0#

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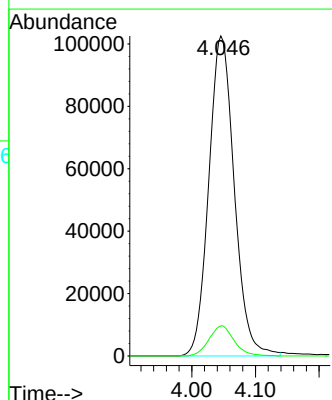
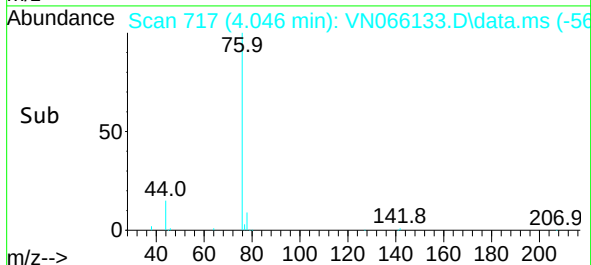
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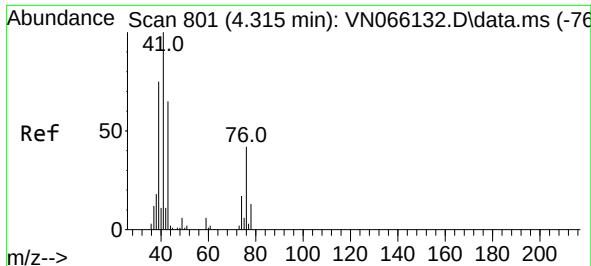


#16
Carbon Disulfide
Concen: 41.64 ug/l
RT: 4.046 min Scan# 717
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



Tgt Ion: 76 Resp: 285704
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8





#17

Allyl chloride

Concen: 42.96 ug/l

RT: 4.309 min Scan# 799

Delta R.T. -0.006 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

Tgt Ion: 41 Resp: 179099

Ion Ratio Lower Upper

41 100

39 77.9 33.5 100.5

76 40.9 20.3 60.8

Instrument :

MSVOA_N

ClientSampleId :

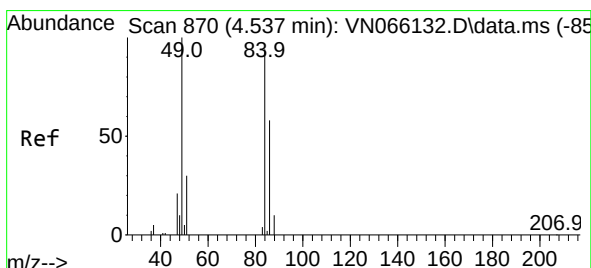
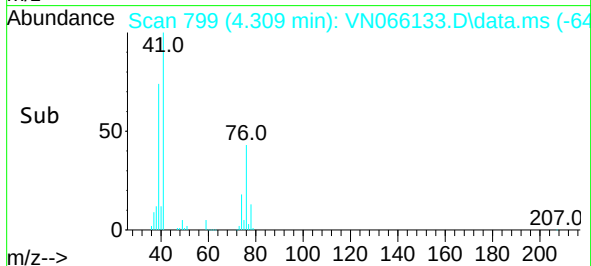
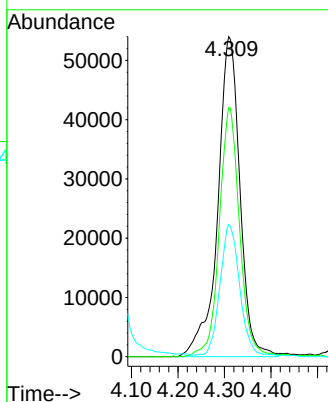
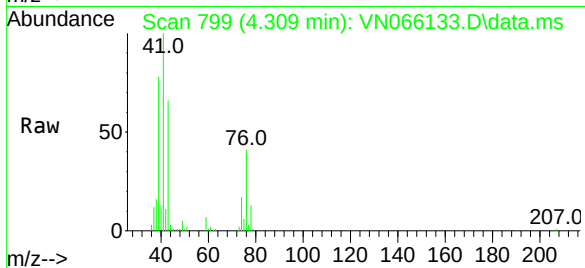
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#18

Methylene Chloride

Concen: 47.30 ug/l

RT: 4.537 min Scan# 870

Delta R.T. 0.000 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

Tgt Ion: 84 Resp: 123932

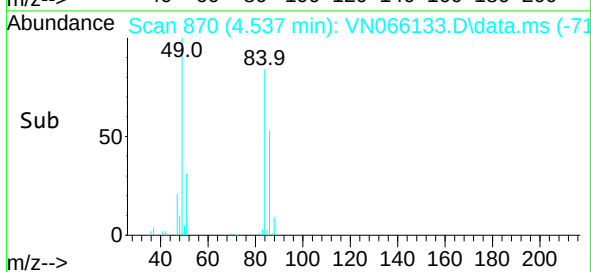
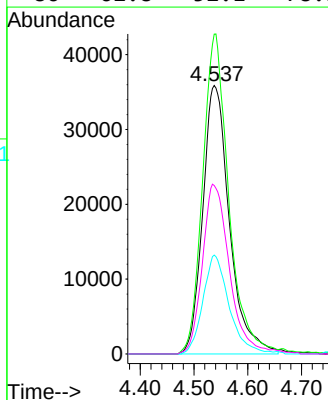
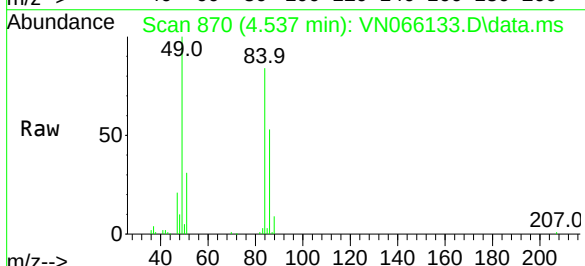
Ion Ratio Lower Upper

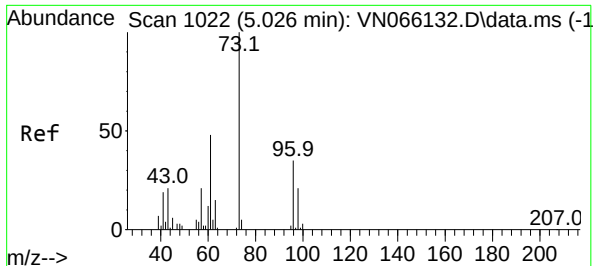
84 100

49 119.2 91.3 136.9

51 36.8 28.8 43.2

86 62.8 52.1 78.1





#19

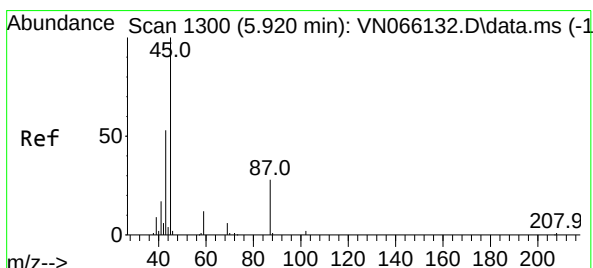
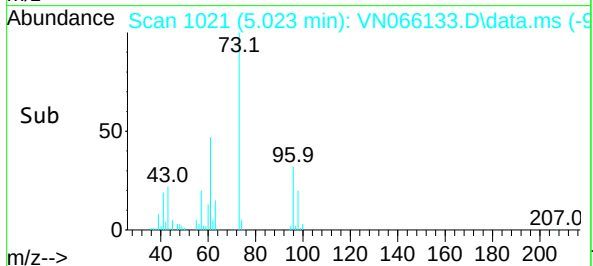
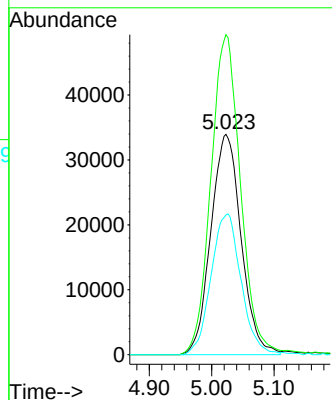
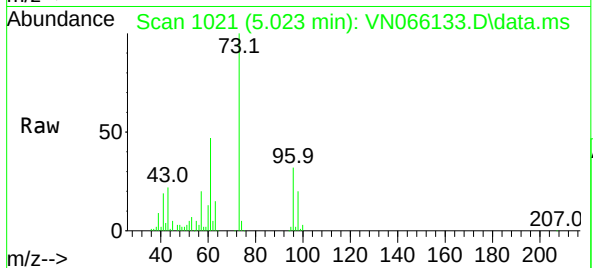
trans-1,2-Dichloroethene
Concen: 46.92 ug/l
RT: 5.023 min Scan# 1021
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 96 Resp: 114463
Ion Ratio Lower Upper
96 100
61 145.2 106.2 159.2
98 63.4 52.4 78.6

Instrument :
MSVOA_N
ClientSampleId :
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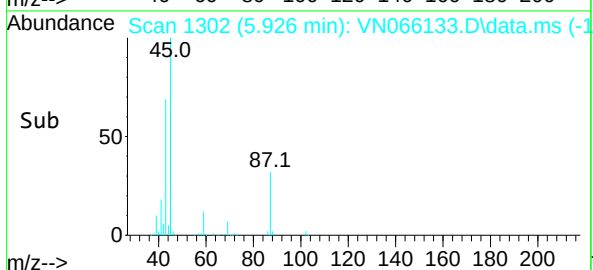
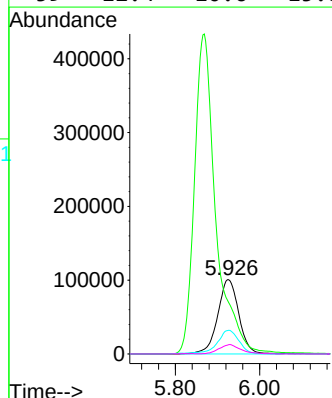
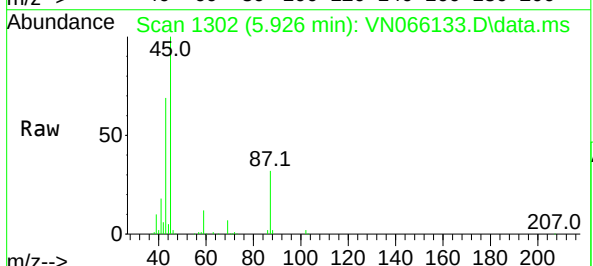
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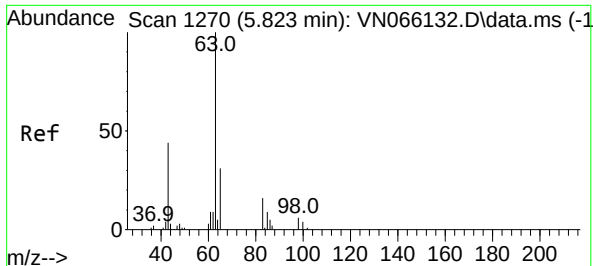


#20

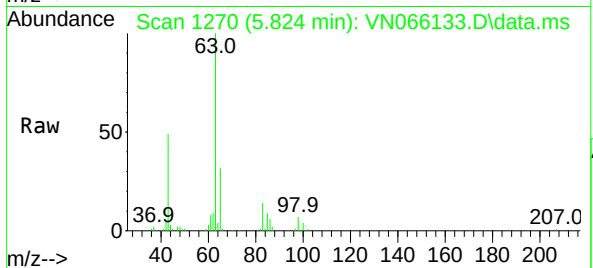
Diisopropyl ether
Concen: 42.12 ug/l
RT: 5.926 min Scan# 1302
Delta R.T. 0.007 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 45 Resp: 350940
Ion Ratio Lower Upper
45 100
43 67.0 50.4 75.6
87 31.9 24.5 36.7
59 12.4 10.6 15.8

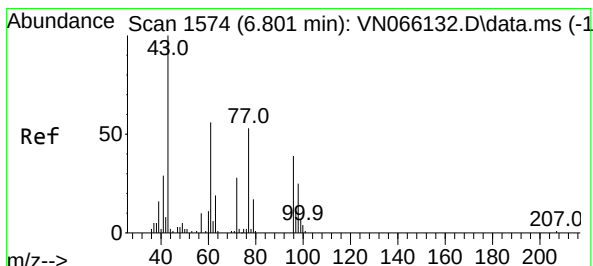
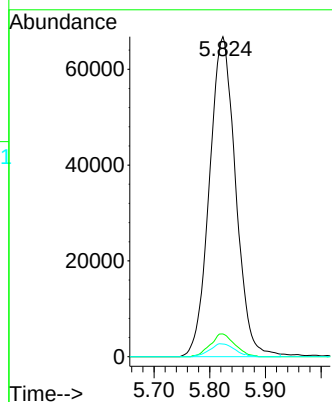
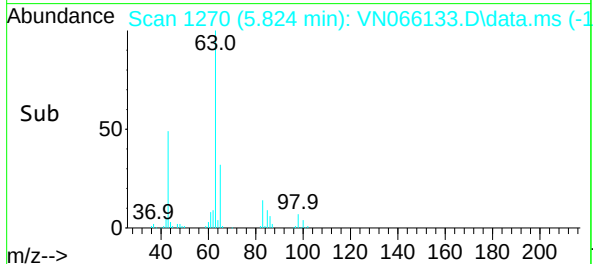




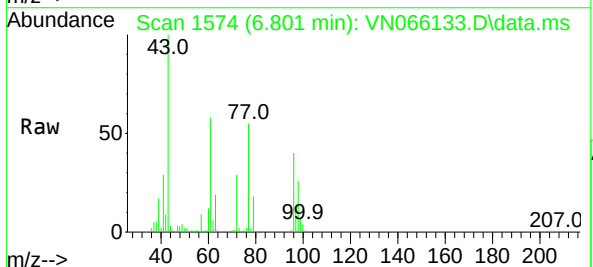
#21
1,1-Dichloroethane
Concen: 46.53 ug/l
RT: 5.824 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



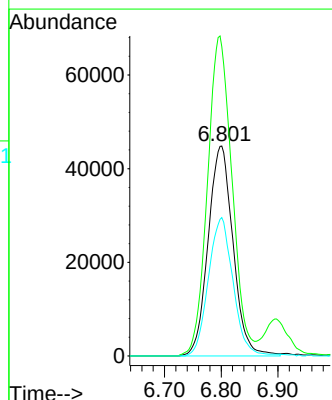
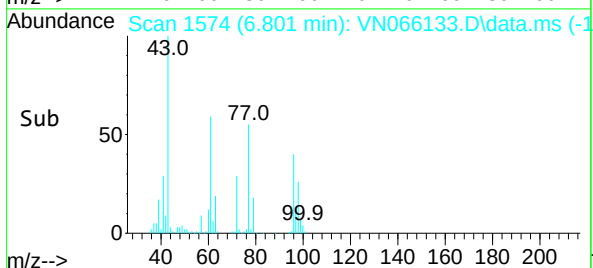
Tgt Ion: 63 Resp: 218473
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.9
100 4.0 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 48.71 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



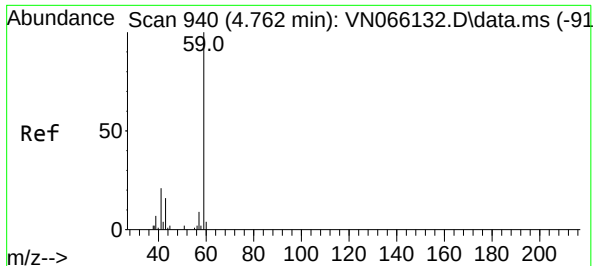
Tgt Ion: 96 Resp: 137145
Ion Ratio Lower Upper
96 100
61 149.7 112.5 168.7
98 64.8 52.2 78.2



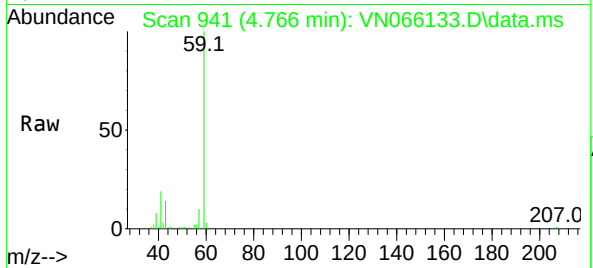
Instrument :
MSVOA_N
ClientSampleId :
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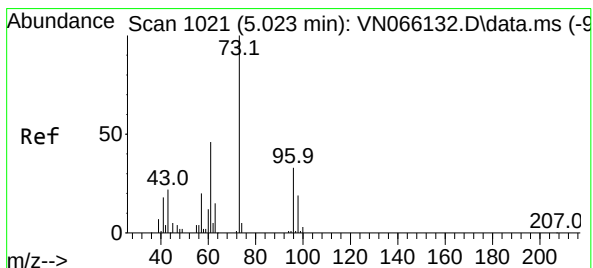
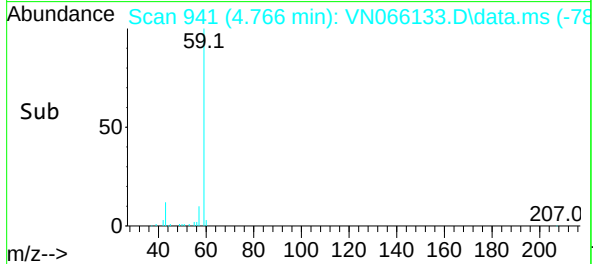
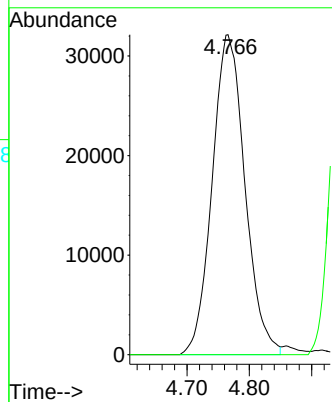
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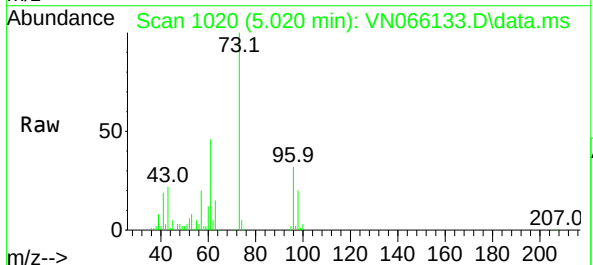
#23
tert-Butyl Alcohol
Concen: 268.50 ug/l
RT: 4.766 min Scan# 941
Delta R.T. 0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



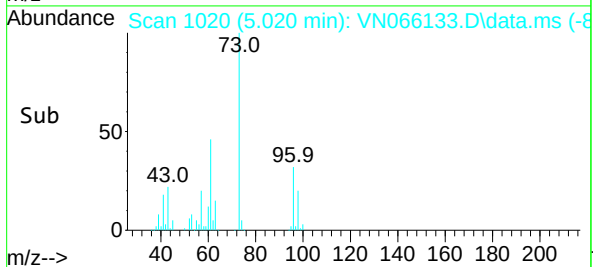
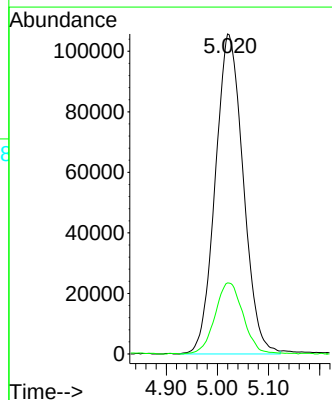
Tgt Ion: 59 Resp: 117202
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 52.40 ug/l
RT: 5.020 min Scan# 1020
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



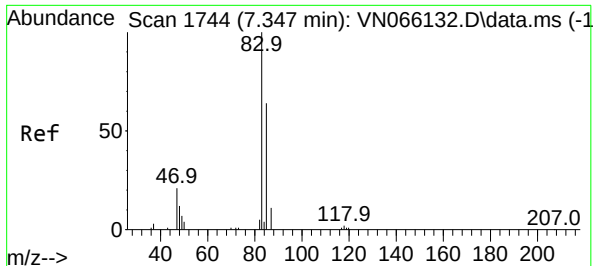
Tgt Ion: 73 Resp: 401170
Ion Ratio Lower Upper
73 100
43 22.4 15.4 23.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

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#25

Chloroform

Concen: 54.74 ug/l

RT: 7.344 min Scan# 1743

Delta R.T. -0.003 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

Tgt Ion: 83 Resp: 239771

Ion Ratio Lower Upper

83 100

85 62.9 53.0 79.4

Instrument :

MSVOA_N

ClientSampleId :

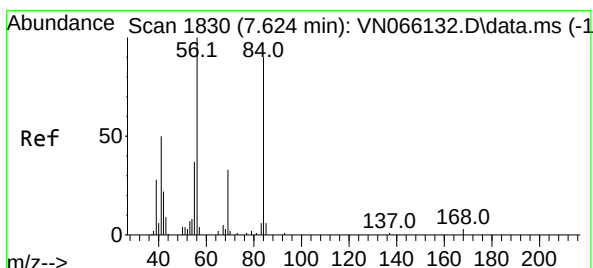
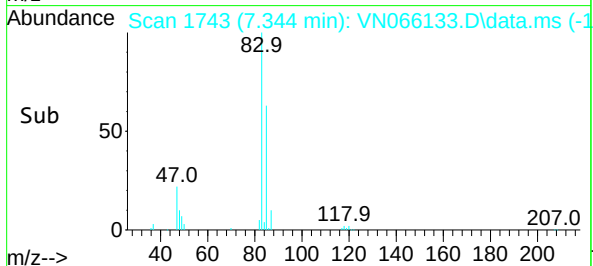
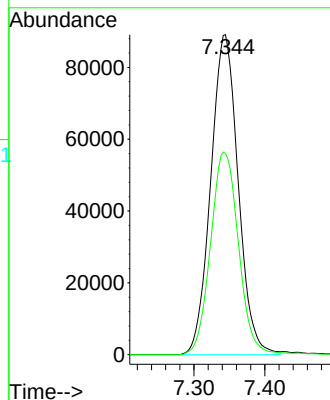
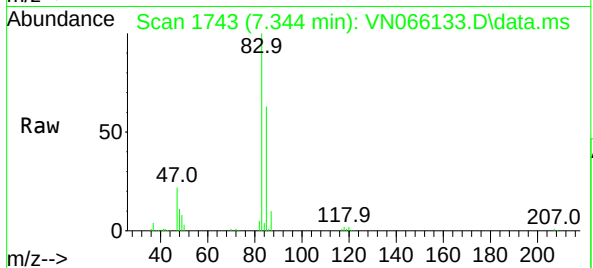
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#26

Cyclohexane

Concen: 38.60 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.003 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

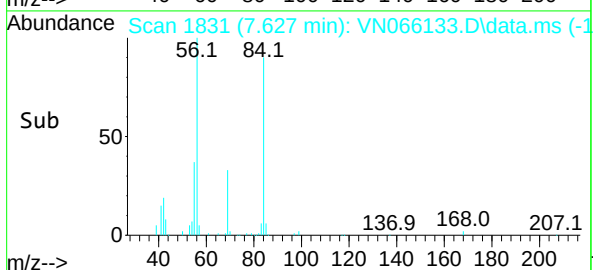
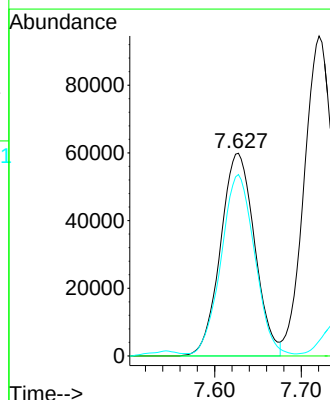
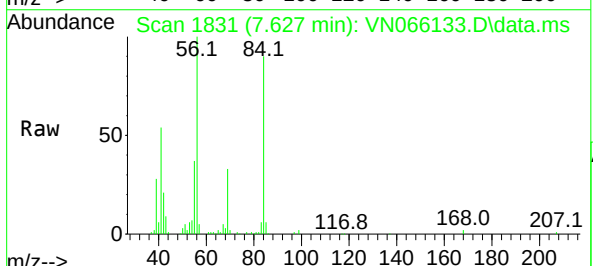
Tgt Ion: 56 Resp: 163951

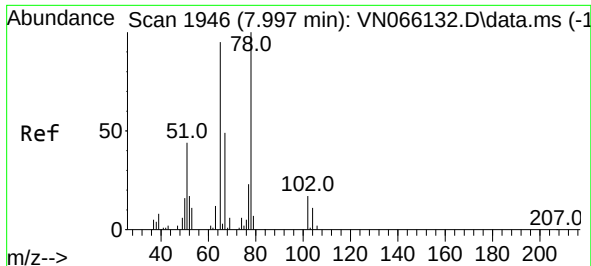
Ion Ratio Lower Upper

56 100

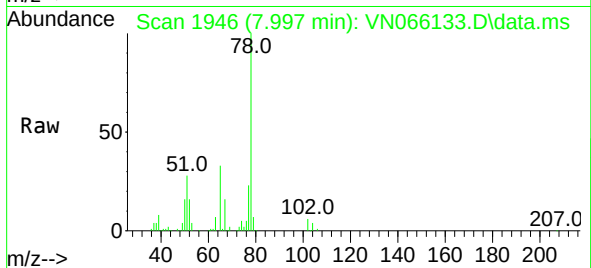
89 0.0 0.0 0.0

84 88.7 72.8 109.2

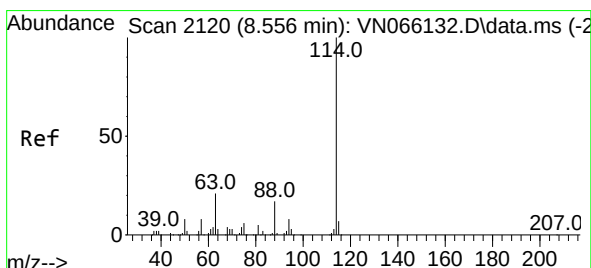
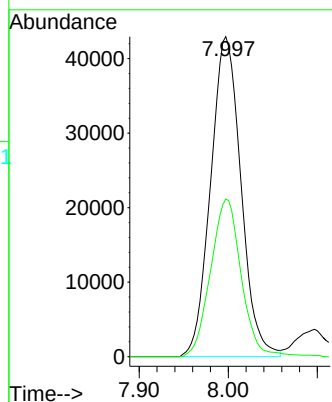
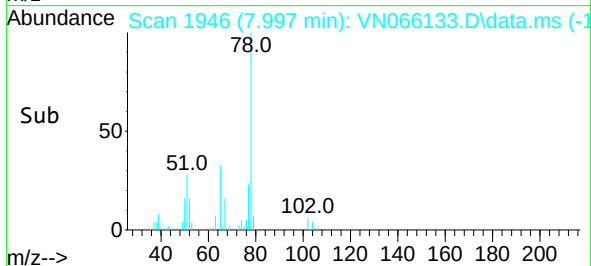




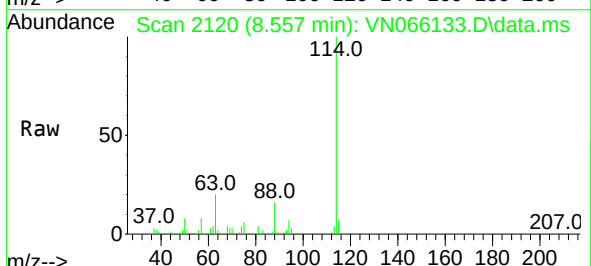
#27
1,2-Dichloroethane-d4
Concen: 36.24 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



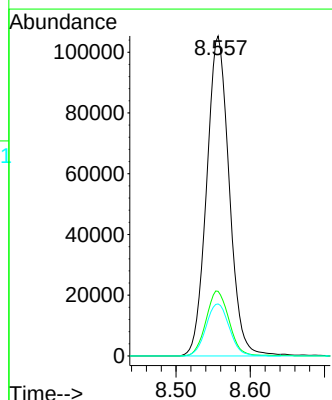
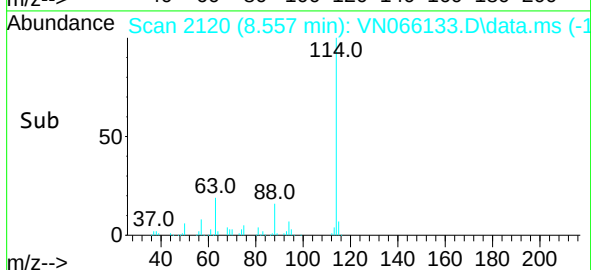
Tgt Ion: 65 Resp: 101535
Ion Ratio Lower Upper
65 100
67 49.6 42.8 64.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



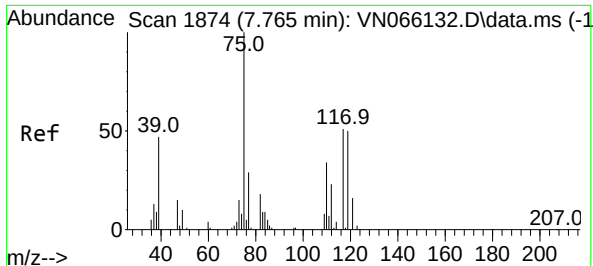
Tgt Ion: 114 Resp: 221862
Ion Ratio Lower Upper
114 100
63 20.7 14.7 22.1
88 16.8 11.7 17.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

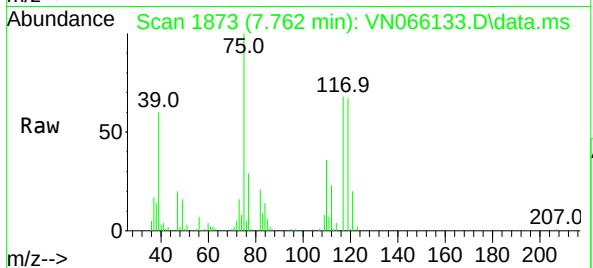
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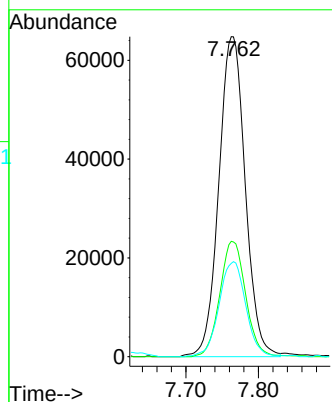


#29

1,1-Dichloropropene
Concen: 46.06 ug/l
RT: 7.762 min Scan# 1873
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



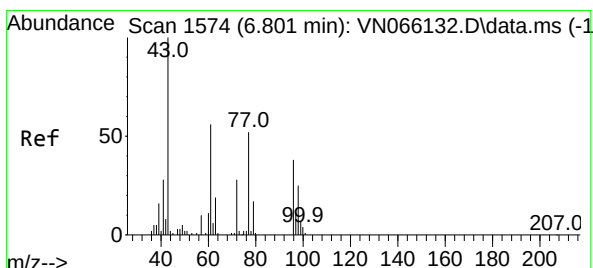
Tgt Ion: 75	Resp: 164031
Ion Ratio	Lower Upper
75 100	
110 35.4	0.0 74.2
77 30.0	0.0 61.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

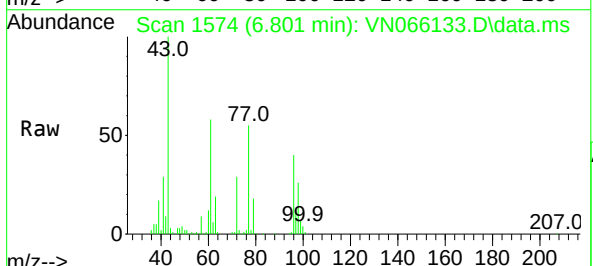
Manual Integrations
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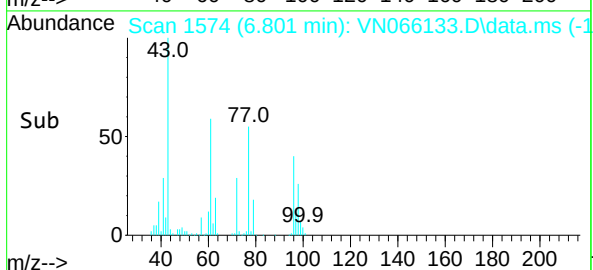
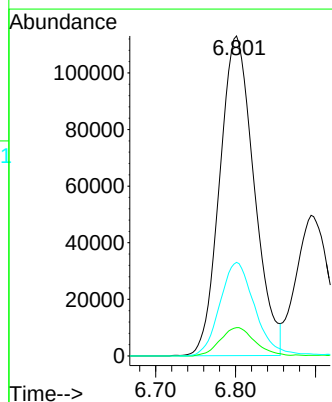


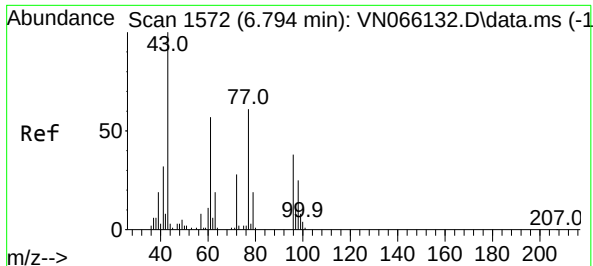
#30

2-Butanone
Concen: 214.84 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

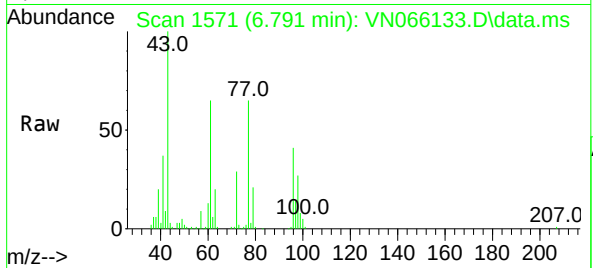


Tgt Ion: 43	Resp: 336468		
Ion Ratio	Lower	Upper	
43 100			
57 9.0	7.0	10.4	
72 29.9	23.6	35.4	

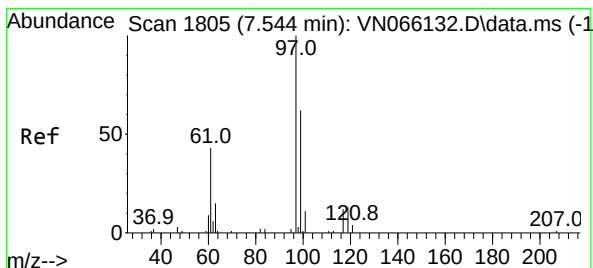
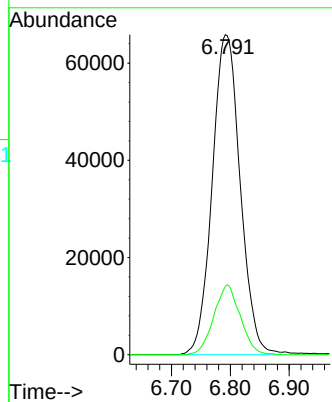
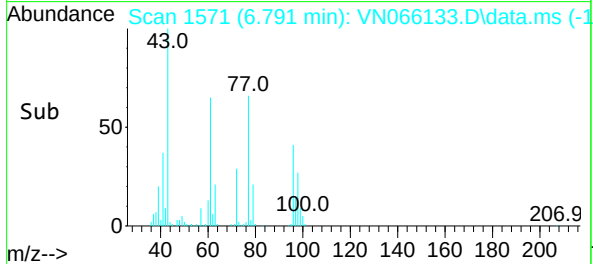




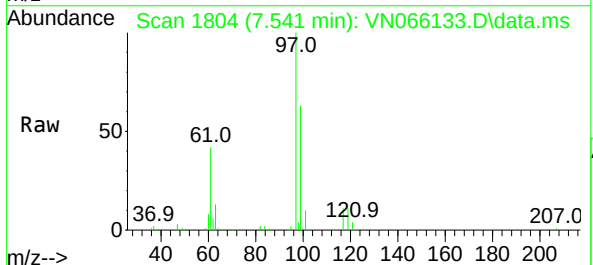
#31
2,2-Dichloropropane
Concen: 55.84 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



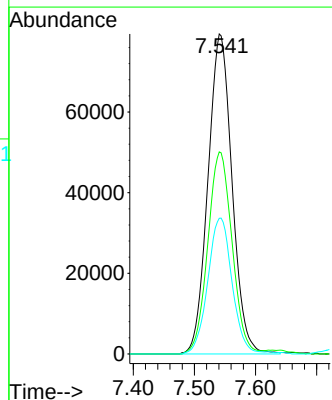
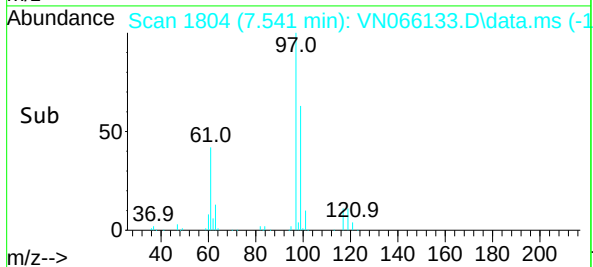
Tgt Ion: 77 Resp: 217270
Ion Ratio Lower Upper
77 100
97 20.6 19.0 28.4



#32
1,1,1-Trichloroethane
Concen: 58.39 ug/l
RT: 7.541 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



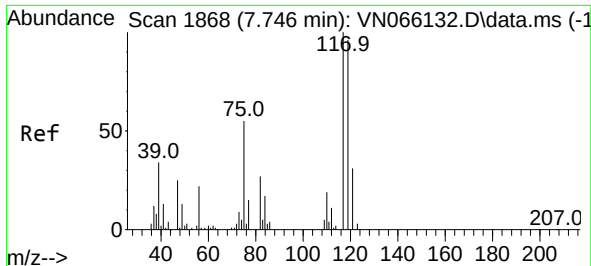
Tgt Ion: 97 Resp: 217518
Ion Ratio Lower Upper
97 100
99 63.5 51.5 77.3
61 42.6 34.7 52.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

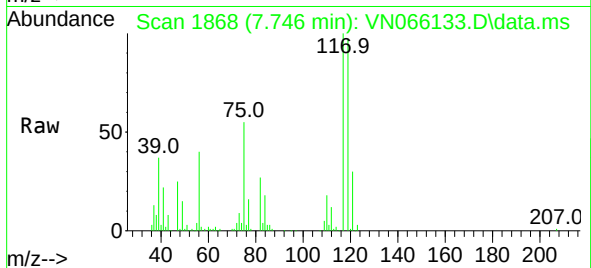
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#33
Carbon Tetrachloride
Concen: 59.57 ug/l
RT: 7.746 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

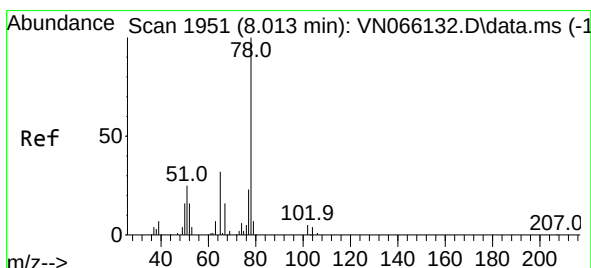
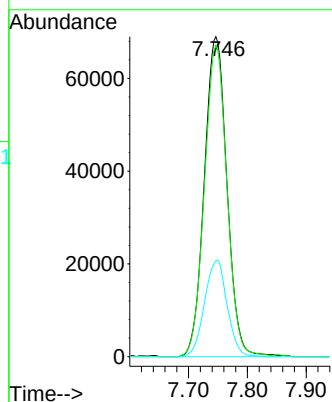
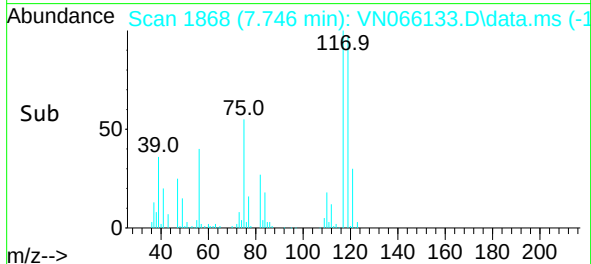
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



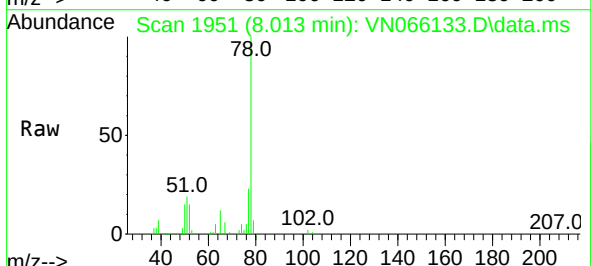
Tgt Ion: 117 Resp: 184352
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.4
121 30.0 24.8 37.2

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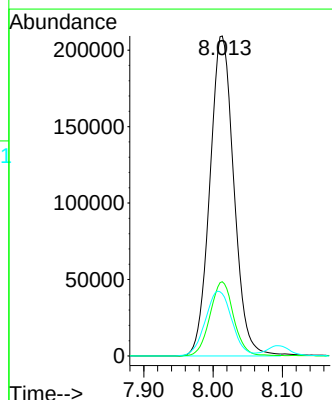
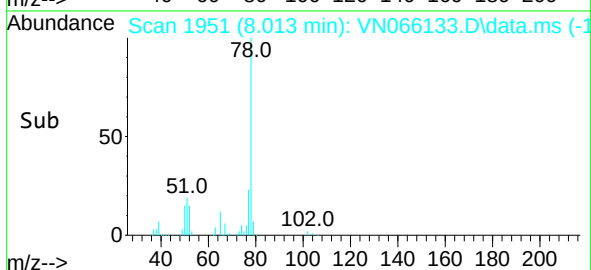
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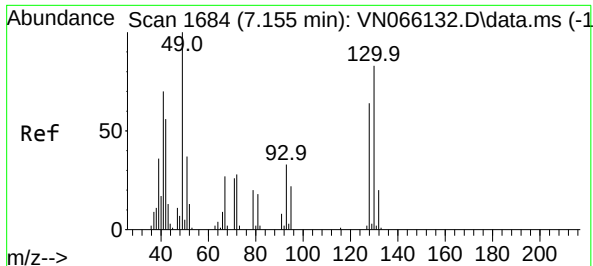


#34
Benzene
Concen: 46.02 ug/l
RT: 8.013 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

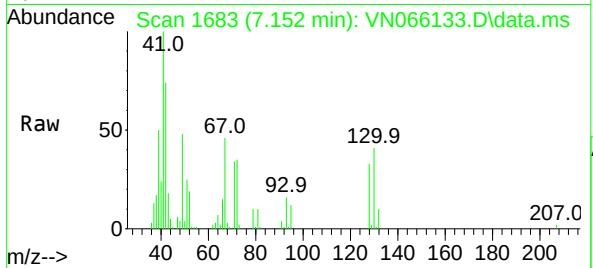


Tgt Ion: 78 Resp: 503944
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6
51 19.3 22.1 33.1#

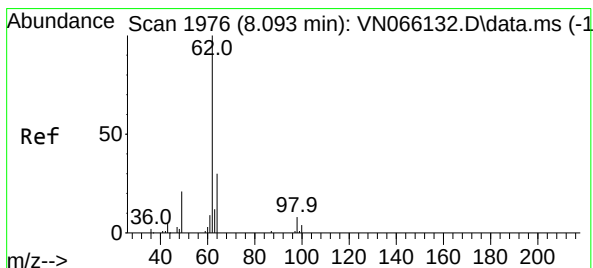
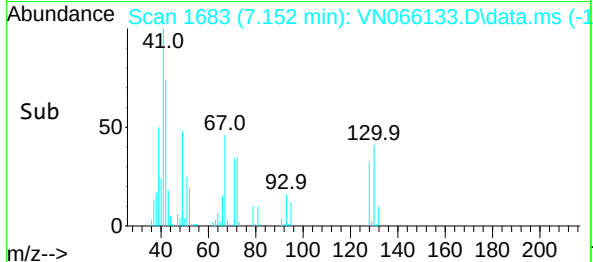
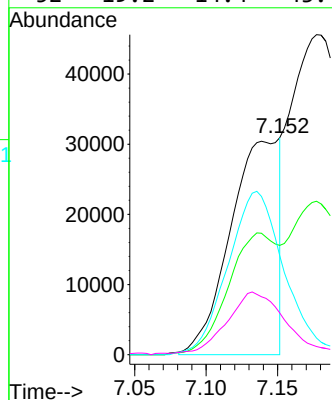




#35
Methacrylonitrile
Concen: 43.06 ug/l m
RT: 7.152 min Scan# 1683
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

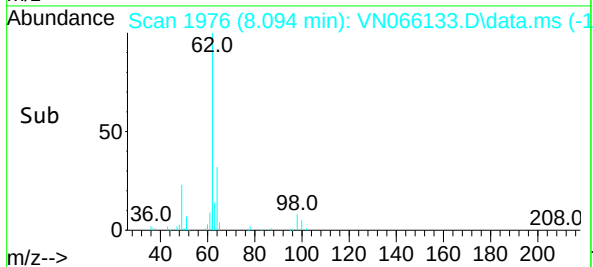
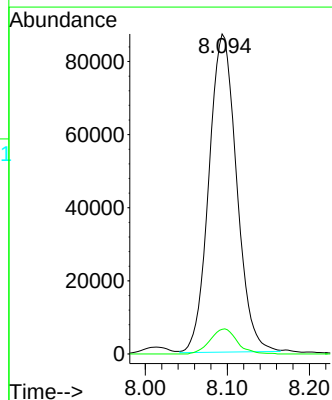
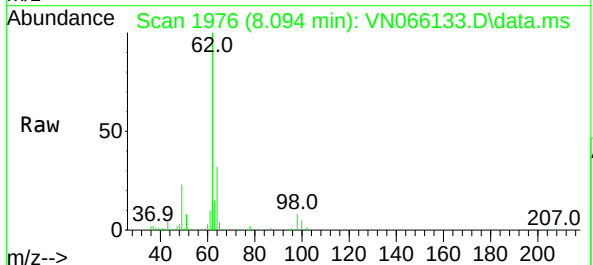


Tgt Ion:	41	Resp:	73257
Ion	Ratio	Lower	Upper
41	100		
39	50.4	26.8	80.3
67	45.7	38.0	113.9
52	19.2	14.4	43.4



#36
1,2-Dichloroethane
Concen: 58.73 ug/l
RT: 8.094 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

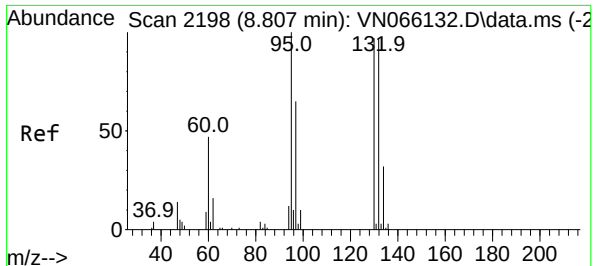
Tgt Ion:	62	Resp:	204595
Ion	Ratio	Lower	Upper
62	100		
98	7.7	7.4	11.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

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#37

Trichloroethene

Concen: 50.82 ug/l

RT: 8.807 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VN066133.D

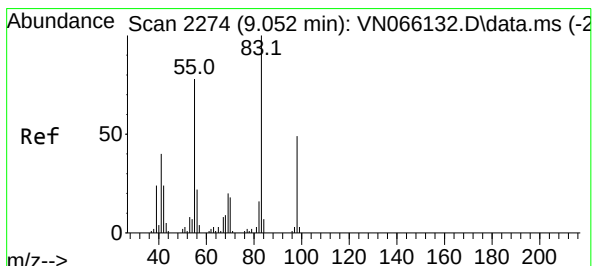
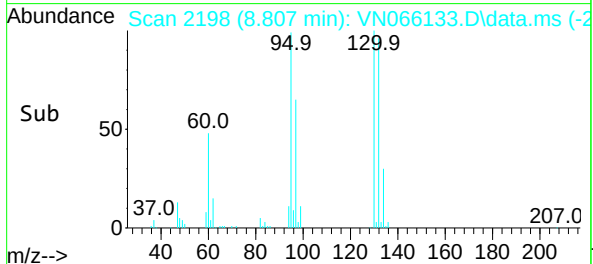
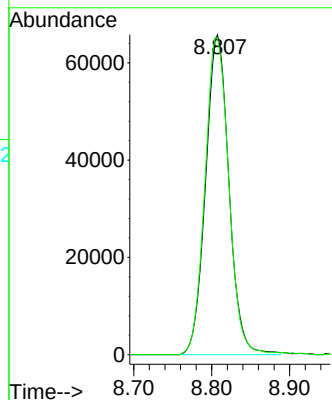
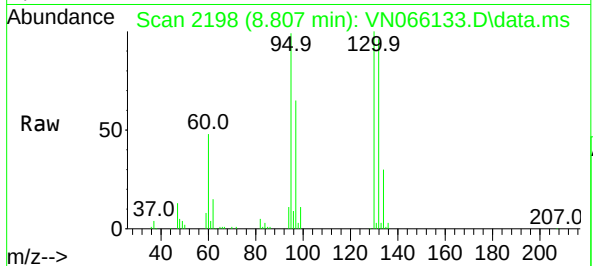
Acq: 5 Mar 2021 14:25

Tgt Ion:130 Resp: 136795

Ion Ratio Lower Upper

130 100

95 98.8 74.0 111.0



#38

Methylcyclohexane

Concen: 42.45 ug/l

RT: 9.052 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

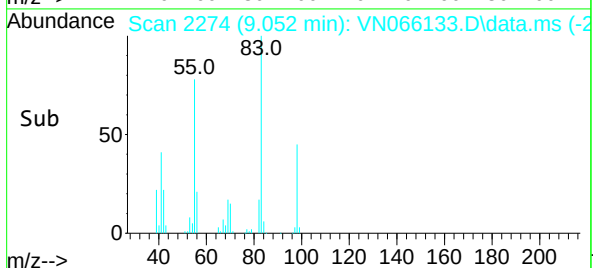
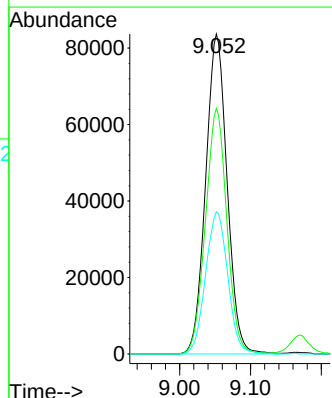
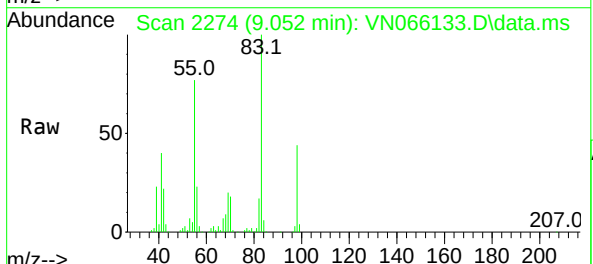
Tgt Ion: 83 Resp: 176127

Ion Ratio Lower Upper

83 100

55 76.6 37.2 111.6

98 46.0 23.8 71.4



Instrument :

MSVOA_N

ClientSampleId :

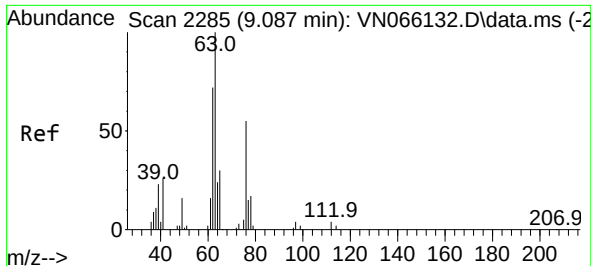
VSTDIC050

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#39

1,2-Dichloropropane

Concen: 43.18 ug/l

RT: 9.087 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

Tgt Ion: 63 Resp: 126822

Ion Ratio Lower Upper

63 100

65 30.3 24.1 36.1

Instrument :

MSVOA_N

ClientSampled :

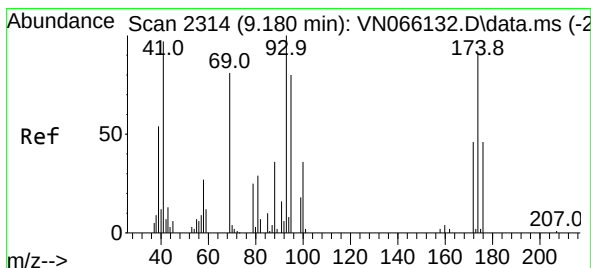
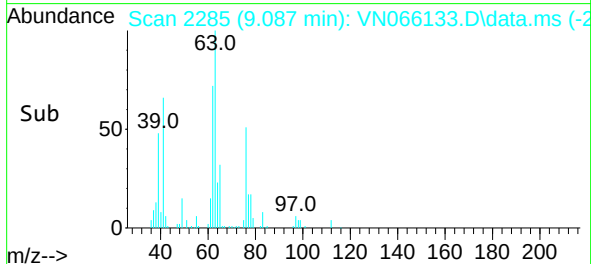
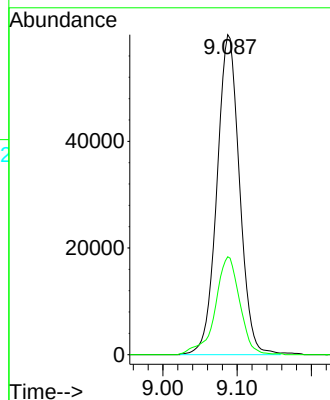
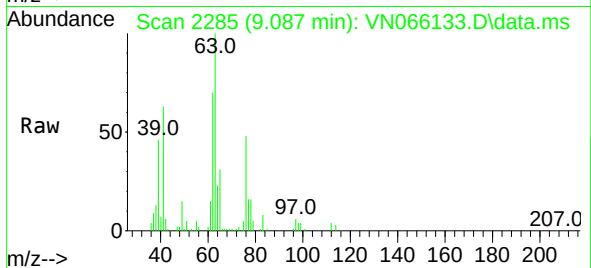
VSTDIC050

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#40

Dibromomethane

Concen: 50.56 ug/l

RT: 9.180 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

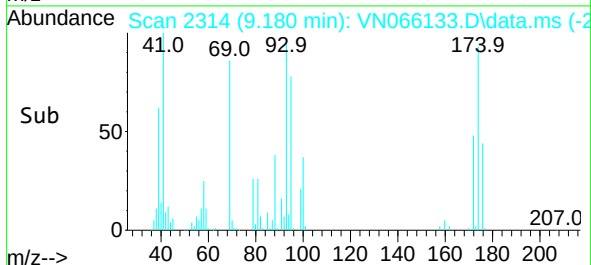
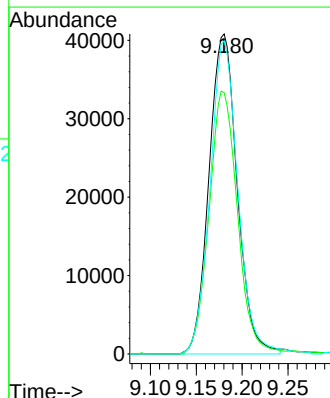
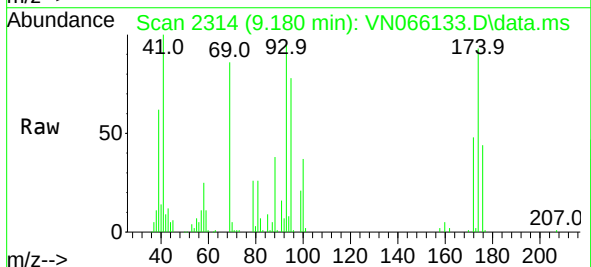
Tgt Ion: 93 Resp: 87363

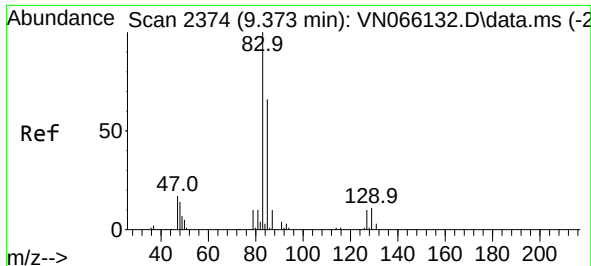
Ion Ratio Lower Upper

93 100

95 82.8 0.0 168.6

174 97.2 0.0 246.4





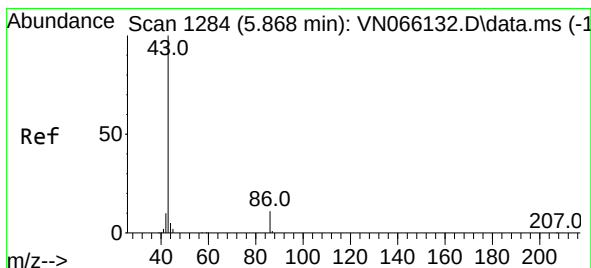
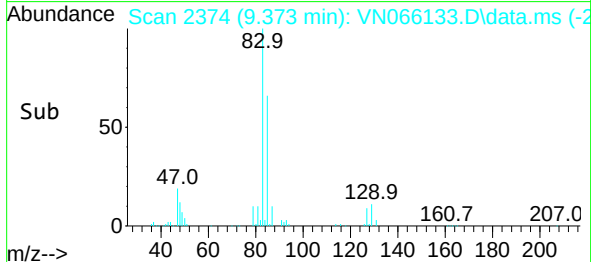
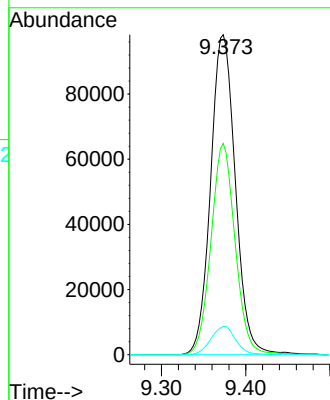
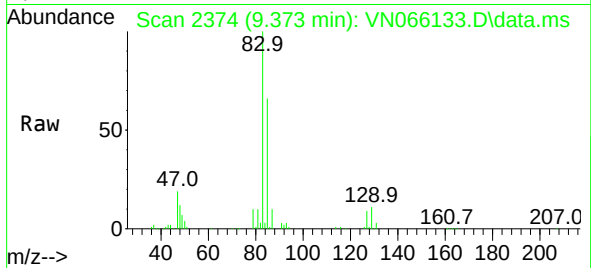
#41
Bromodichloromethane
Concen: 56.25 ug/l
RT: 9.373 min Scan# 2374
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 83 Resp: 200124
Ion Ratio Lower Upper
83 100
85 66.0 50.7 76.1
127 8.8 7.5 11.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

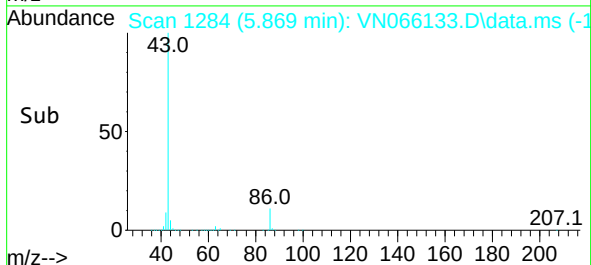
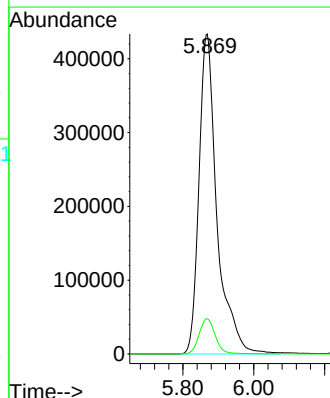
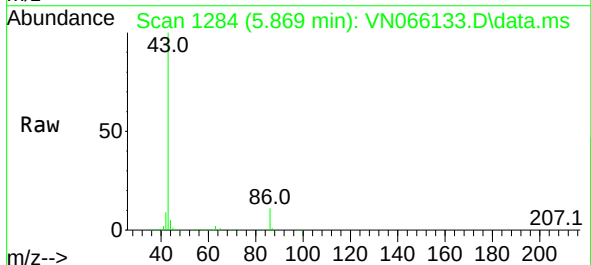
Manual Integrations
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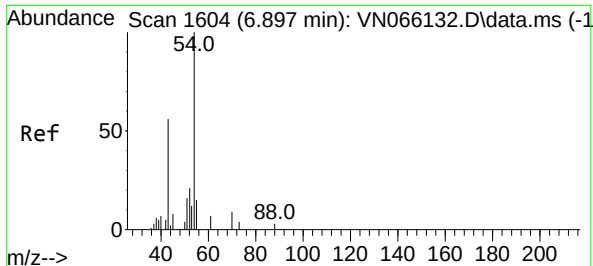
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#42
Vinyl Acetate
Concen: 222.03 ug/l
RT: 5.869 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 43 Resp: 1529419
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9





#43

Ethyl Acetate

Concen: 45.28 ug/l

RT: 6.894 min Scan# 1603

Delta R.T. -0.003 min

Lab File: VN066133.D

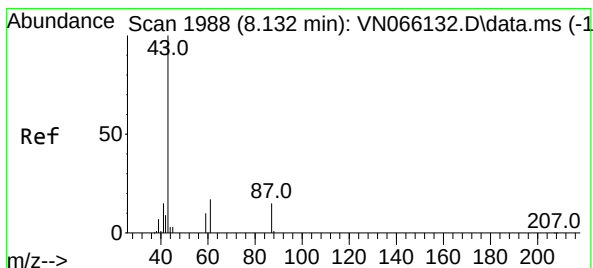
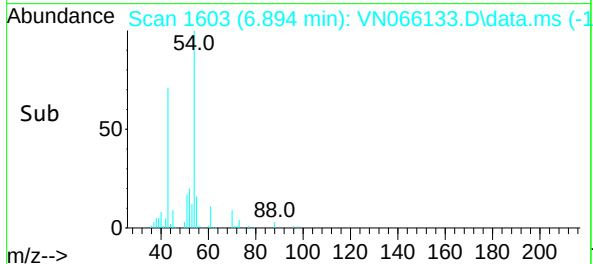
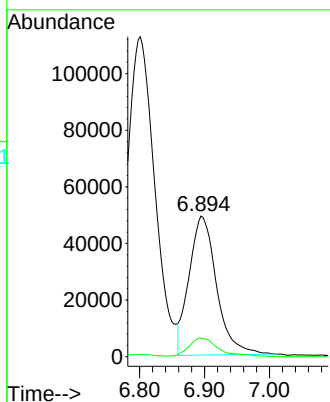
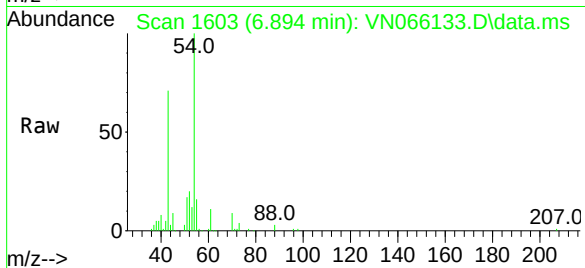
Acq: 5 Mar 2021 14:25

Tgt Ion: 43 Resp: 144666

Ion Ratio Lower Upper

43 100

45 13.9 12.9 19.3



#44

Isopropyl Acetate

Concen: 45.67 ug/l

RT: 8.132 min Scan# 1988

Delta R.T. 0.000 min

Lab File: VN066133.D

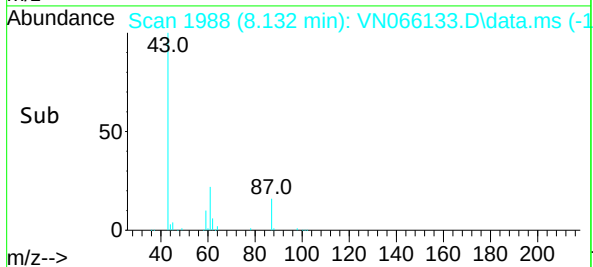
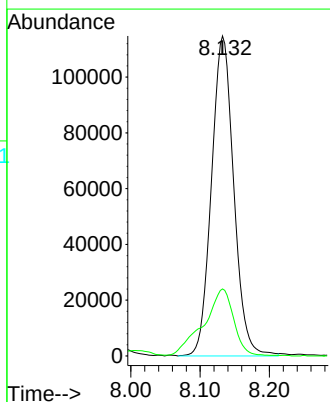
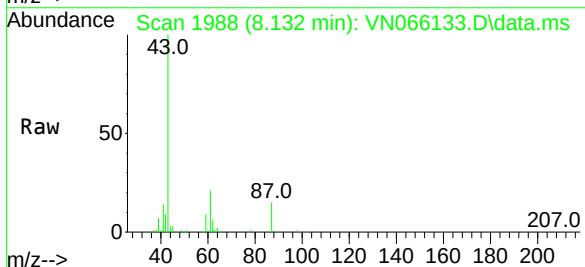
Acq: 5 Mar 2021 14:25

Tgt Ion: 43 Resp: 256487

Ion Ratio Lower Upper

43 100

61 27.9 16.8 25.2#



Instrument :

MSVOA_N

ClientSampleId :

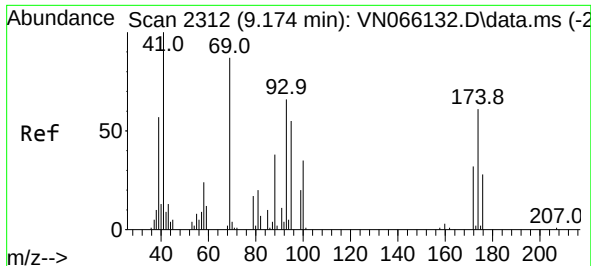
VSTDIC050

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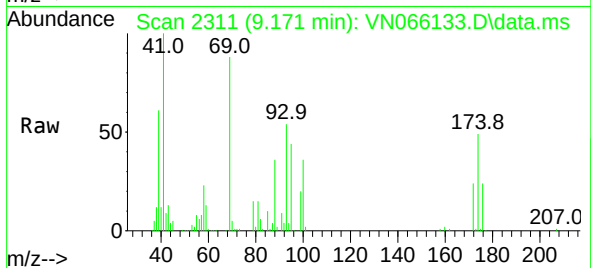
MMDadoda

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#45
1,4-Dioxane
Concen: 1039.53 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

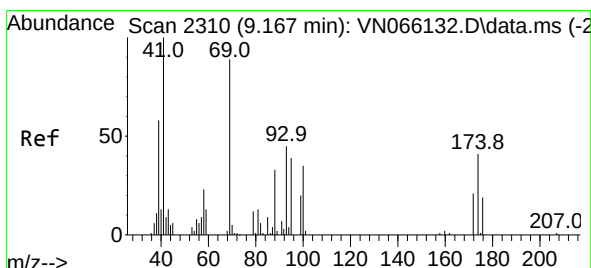
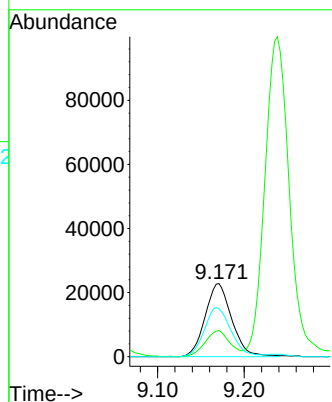
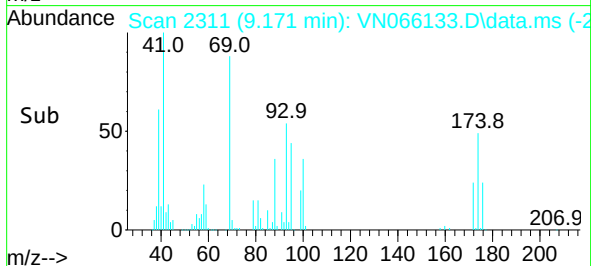
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



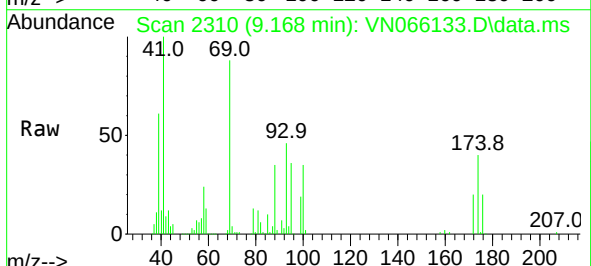
Tgt Ion: 88 Resp: 48601
Ion Ratio Lower Upper
88 100
43 33.3 28.3 42.5
58 67.4 53.8 80.6

Manual Integrations
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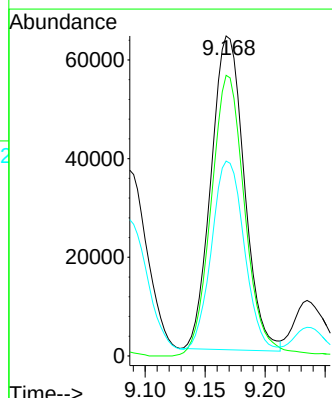
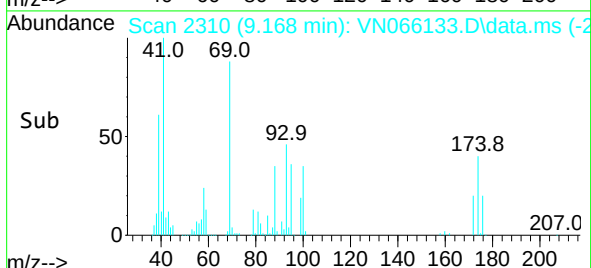
MMDadoda
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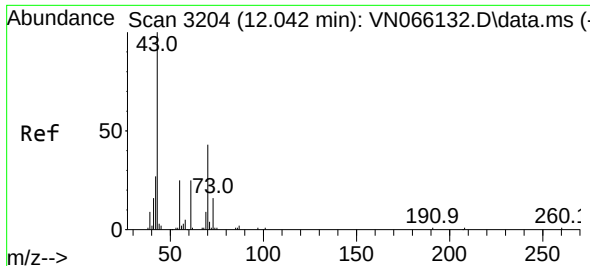


#46
Methyl methacrylate
Concen: 45.39 ug/l
RT: 9.168 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



Tgt Ion: 41 Resp: 122329
Ion Ratio Lower Upper
41 100
69 89.3 46.3 138.8
39 60.2 26.8 80.3





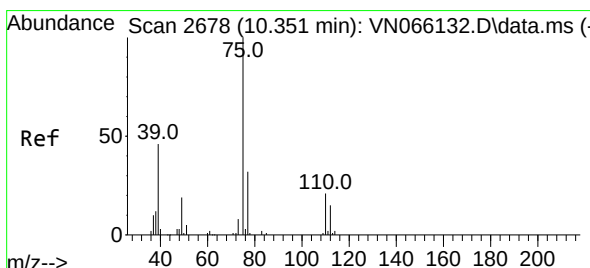
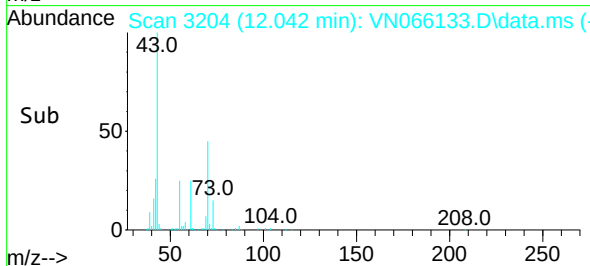
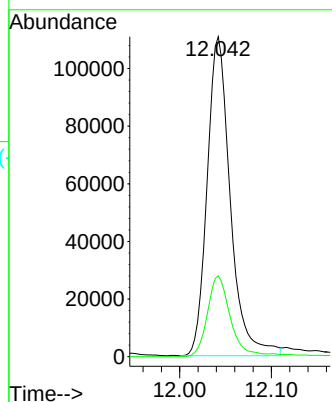
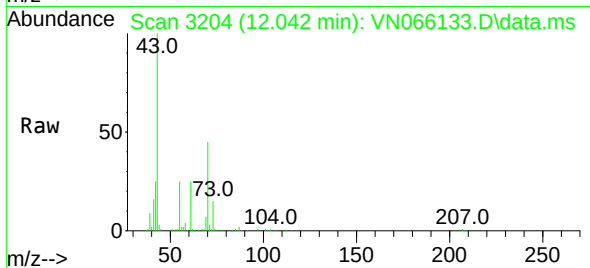
#47
n-amy1 Acetate
Concen: 42.80 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 43 Resp: 194549
Ion Ratio Lower Upper
43 100
55 24.8 21.3 31.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

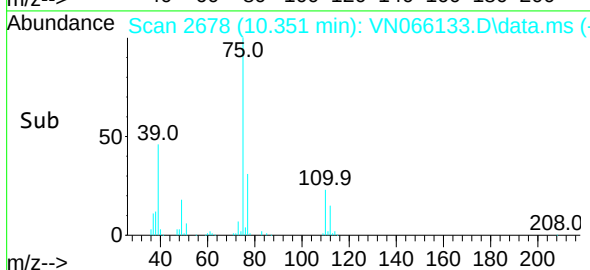
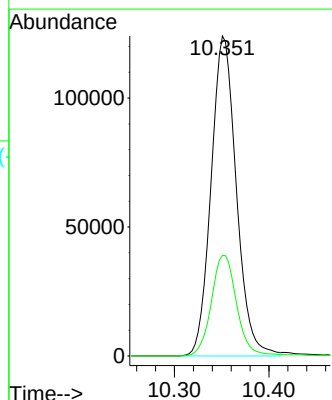
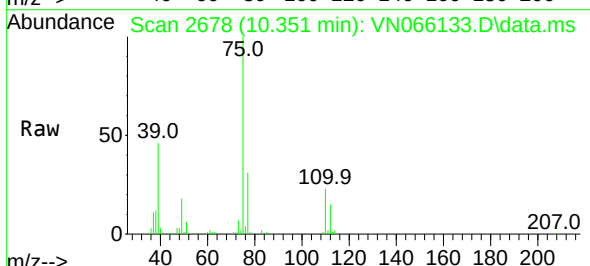
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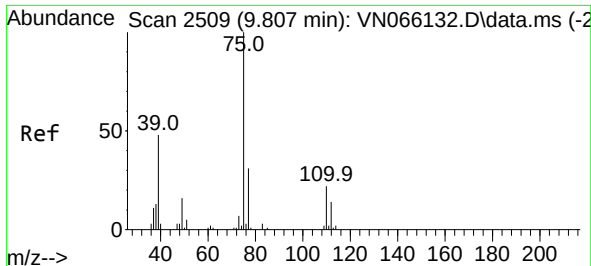
MMDadoda
3/8/2021 10:53:35 AM



#48
t-1,3-Dichloropropene
Concen: 55.00 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 75 Resp: 230044
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7





#49

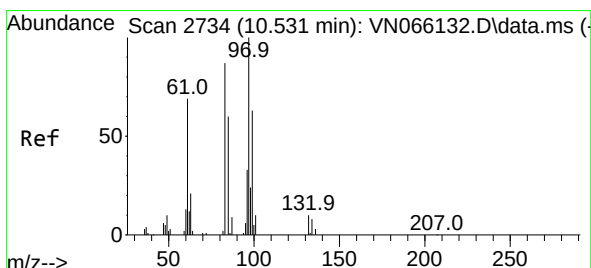
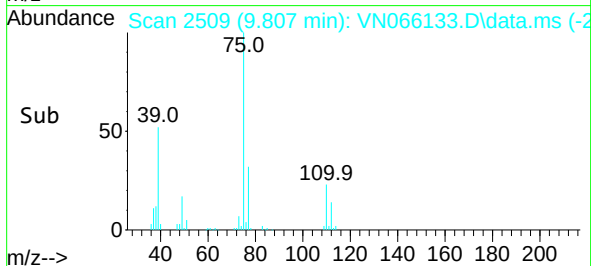
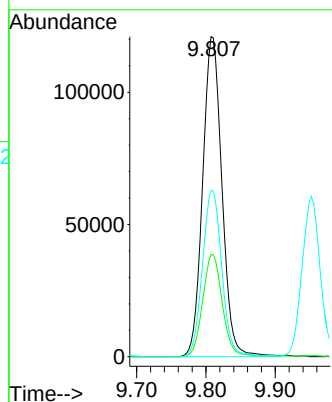
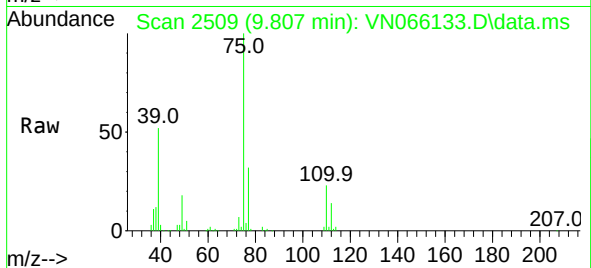
cis-1,3-Dichloropropene
Concen: 50.12 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 75 Resp: 234027
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 52.1 34.4 51.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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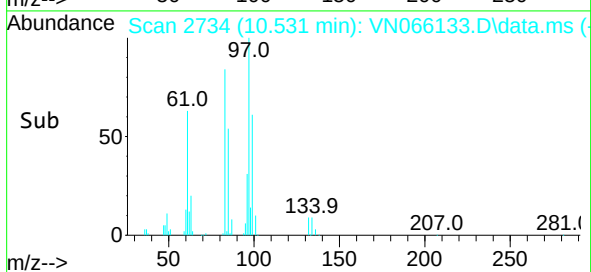
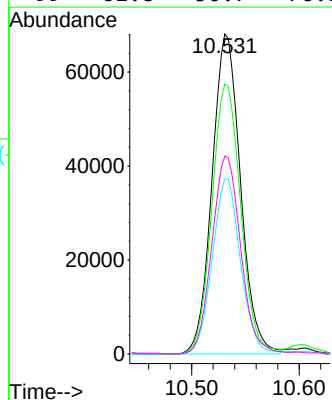
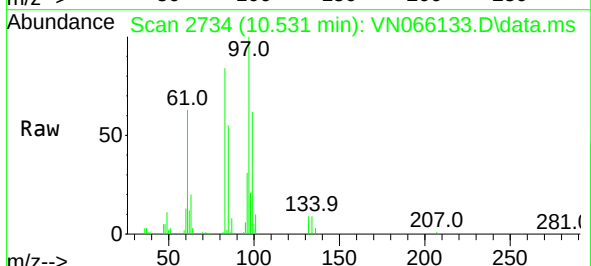
MMDadoda
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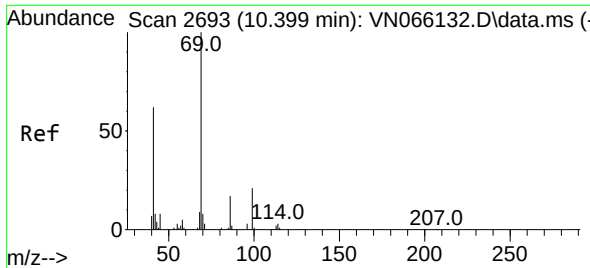


#50

1,1,2-Trichloroethane
Concen: 50.13 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 97 Resp: 125218
Ion Ratio Lower Upper
97 100
83 84.5 68.4 102.6
85 54.7 42.8 64.2
99 61.8 50.7 76.1





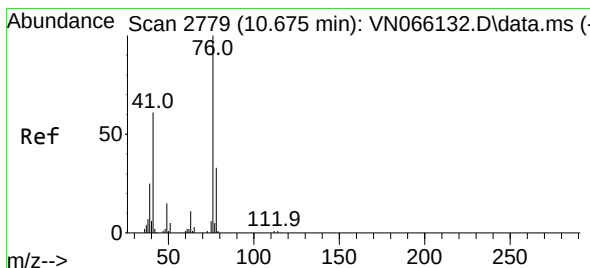
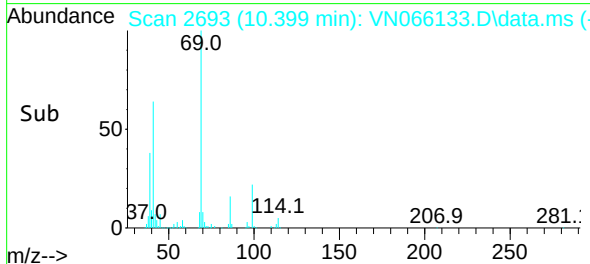
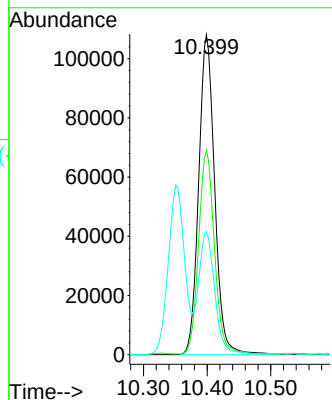
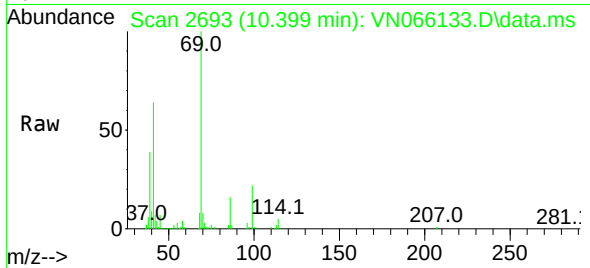
#51
Ethyl methacrylate
Concen: 47.70 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 69 Resp: 188879
Ion Ratio Lower Upper
69 100
41 63.5 31.9 95.7
39 38.2 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

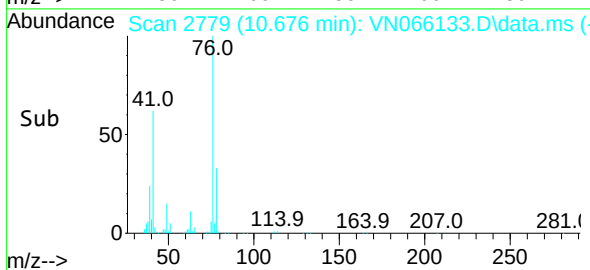
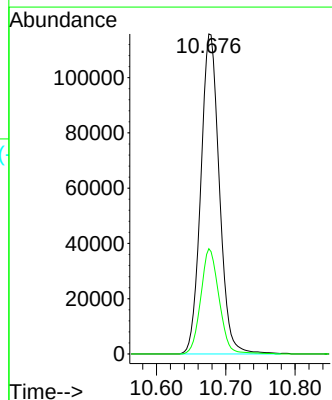
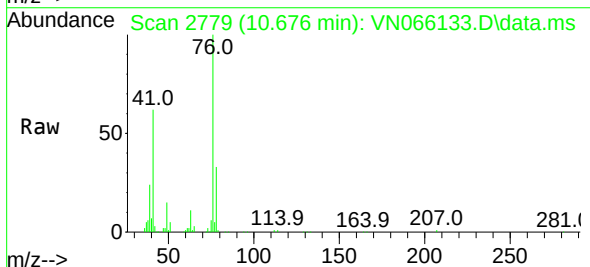
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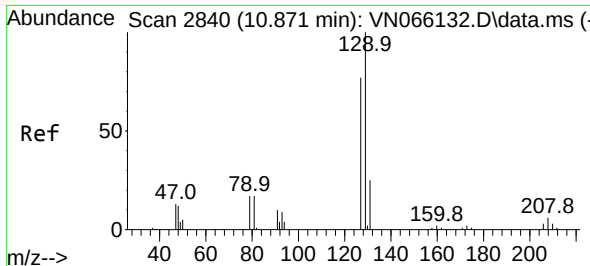
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#52
1,3-Dichloropropane
Concen: 48.24 ug/l
RT: 10.676 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 76 Resp: 214885
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.2





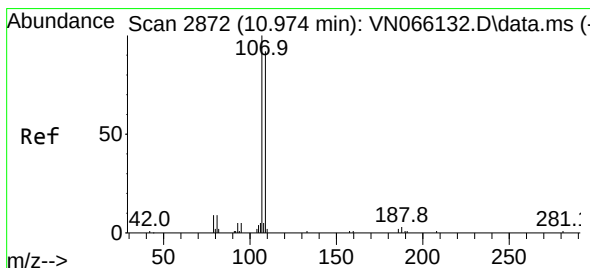
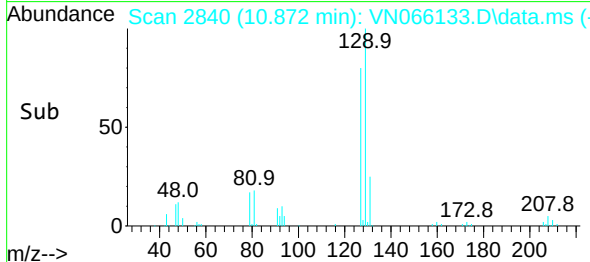
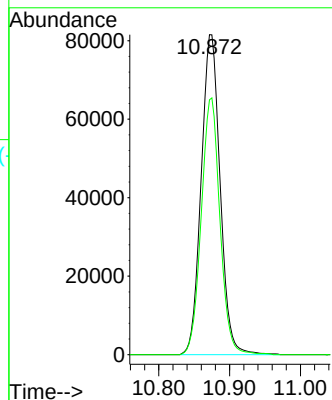
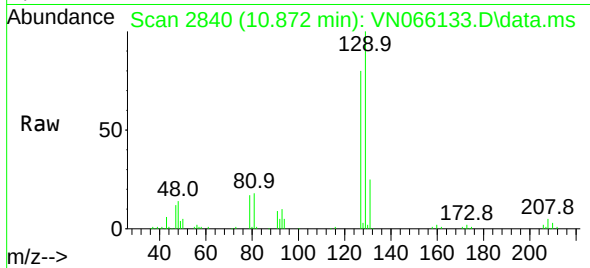
#53
Dibromochloromethane
Concen: 57.76 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:129 Resp: 151674
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

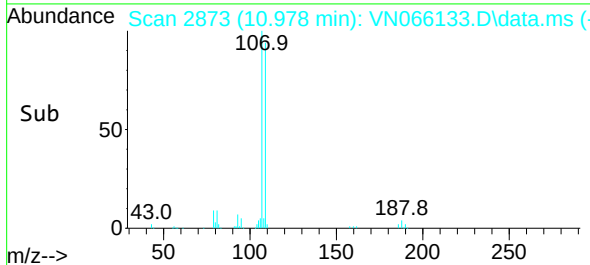
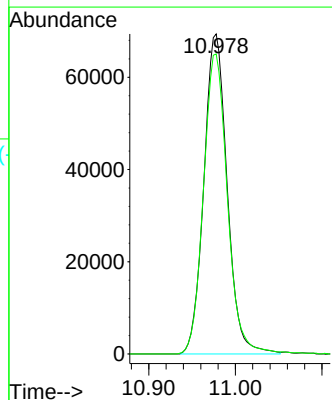
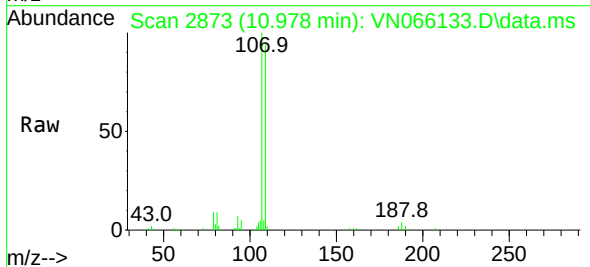
Manual Integrations
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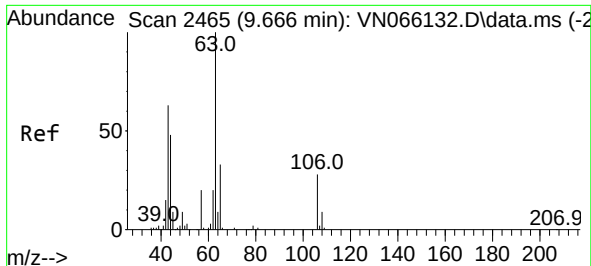
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#54
1,2-Dibromoethane
Concen: 51.19 ug/l
RT: 10.978 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

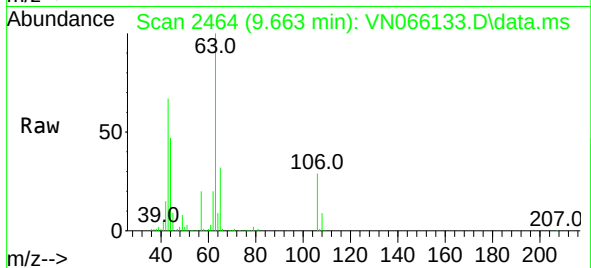
Tgt Ion:107 Resp: 129671
Ion Ratio Lower Upper
107 100
109 96.2 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 199.81 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

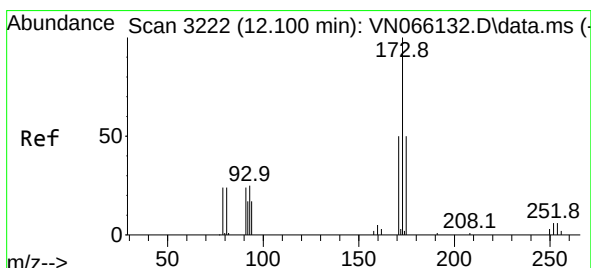
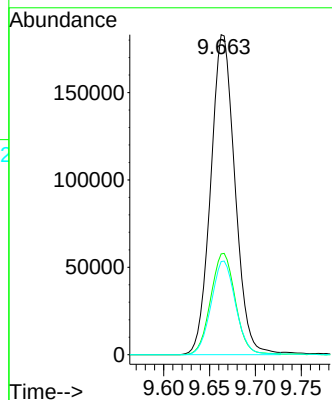
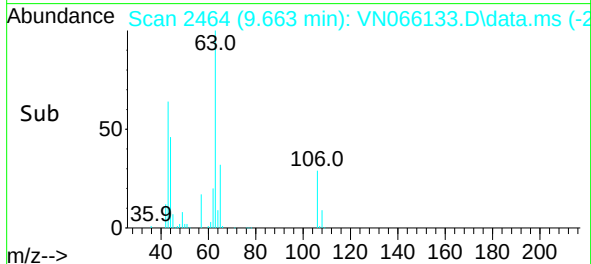
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



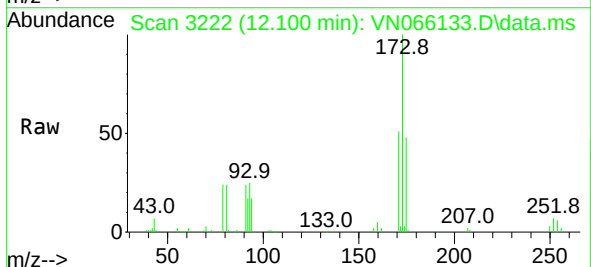
Tgt Ion: 63 Resp: 336714
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 29.5 23.1 34.7

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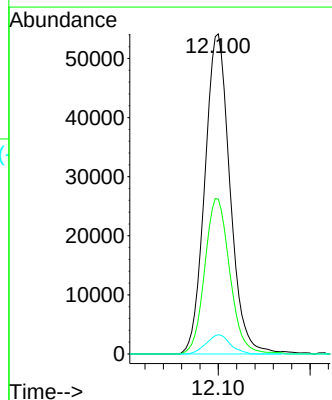
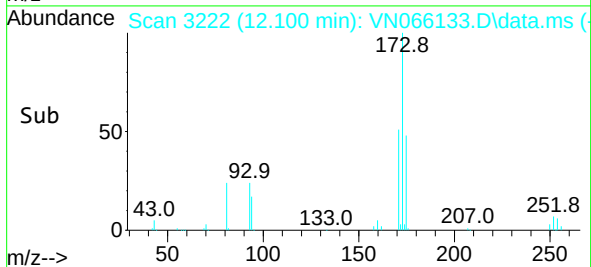
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3/8/2021 10:53:35 AM

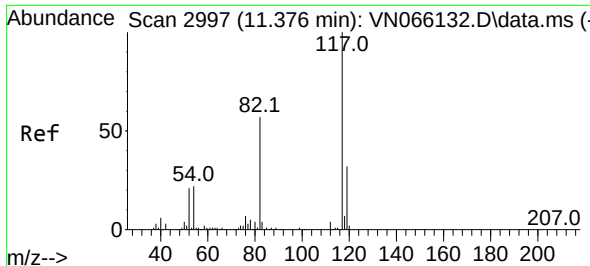


#56
Bromoform
Concen: 61.69 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



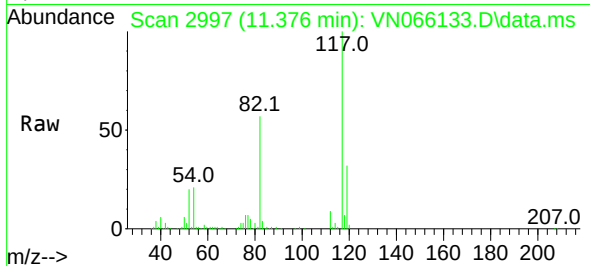
Tgt Ion: 173 Resp: 103266
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.4
254 5.7 9.8 14.8#





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

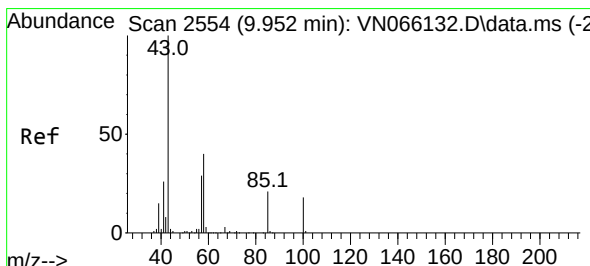
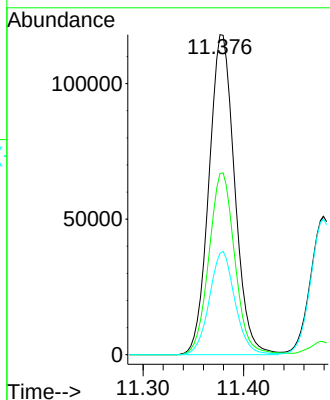
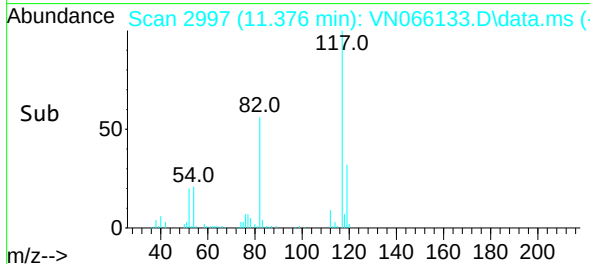
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



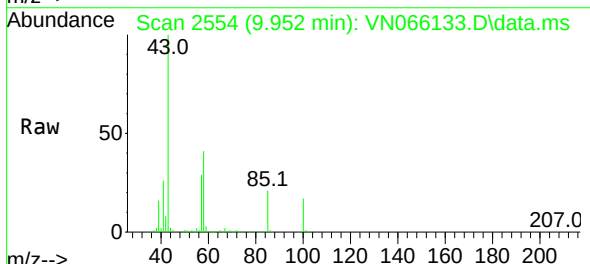
Tgt Ion: 117 Resp: 210082
Ion Ratio Lower Upper
117 100
82 57.2 41.3 61.9
119 32.0 25.7 38.5

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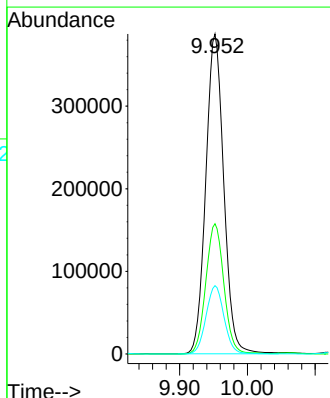
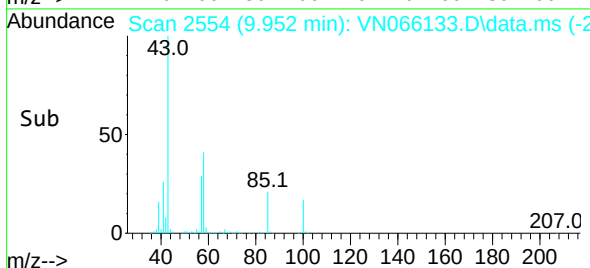
MMDadoda
3/8/2021 10:53:35 AM

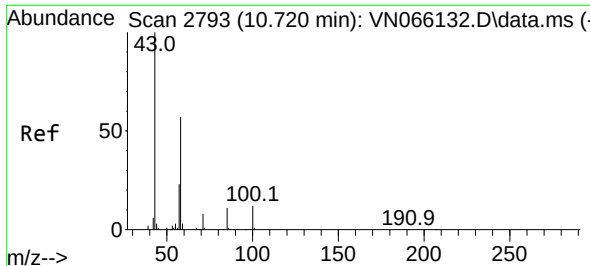


#58
4-Methyl-2-Pentanone
Concen: 210.93 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



Tgt Ion: 43 Resp: 714189
Ion Ratio Lower Upper
43 100
58 40.8 32.7 49.1
85 21.5 16.0 24.0





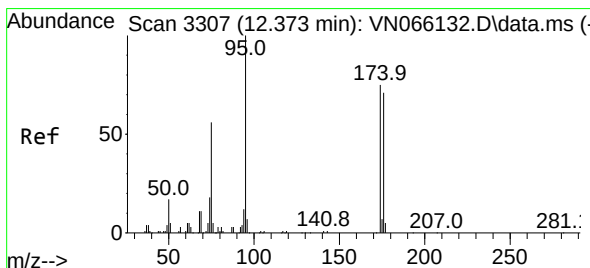
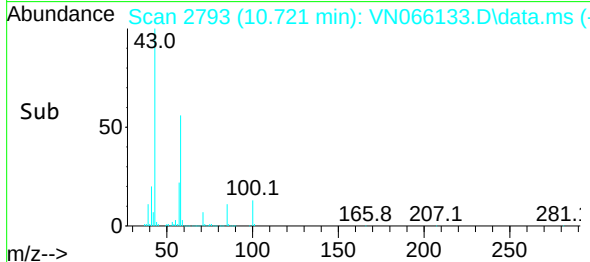
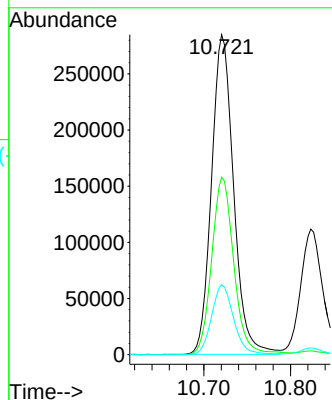
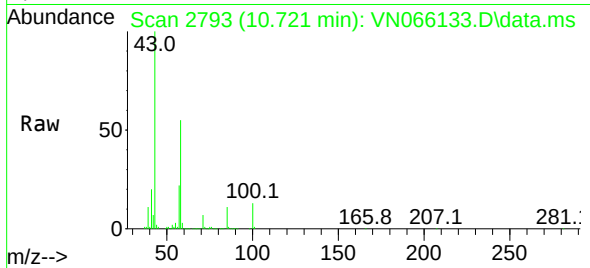
#59
2-Hexanone
Concen: 210.64 ug/l
RT: 10.721 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 43 Resp: 505190
Ion Ratio Lower Upper
43 100
58 55.8 45.4 68.0
57 21.9 15.8 23.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

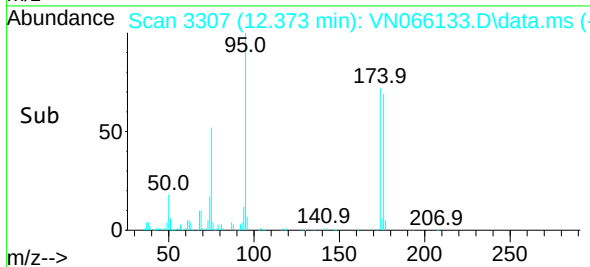
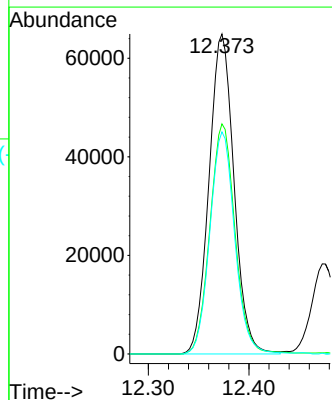
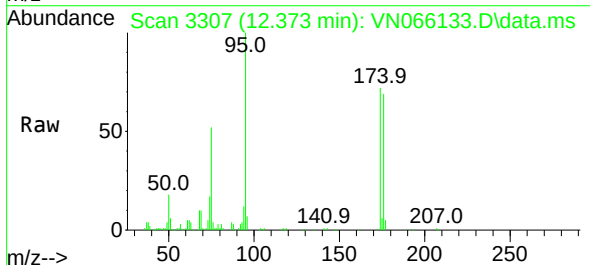
Manual Integrations
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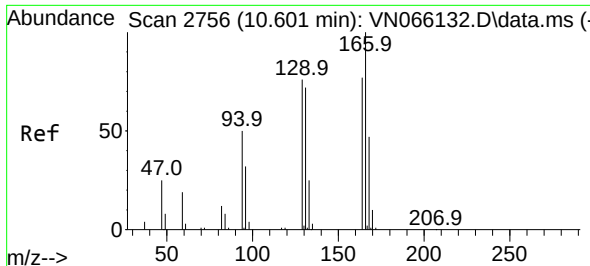
MMDadoda
3/8/2021 10:53:35 AM



#60
4-Bromofluorobenzene
Concen: 32.60 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 95 Resp: 112240
Ion Ratio Lower Upper
95 100
174 72.5 77.0 115.6#
176 69.0 75.8 113.6#





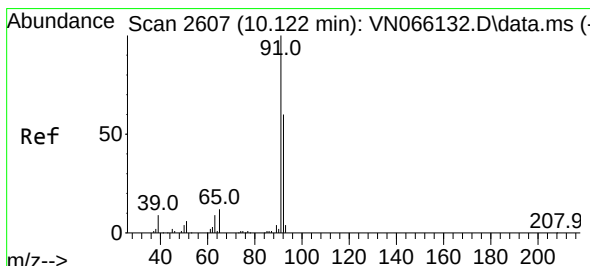
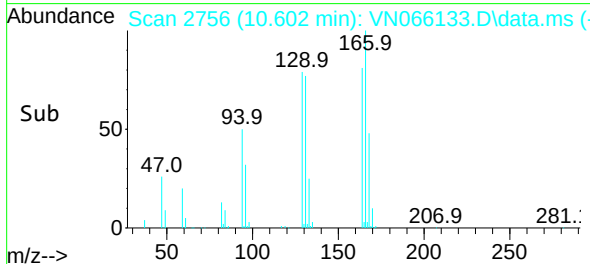
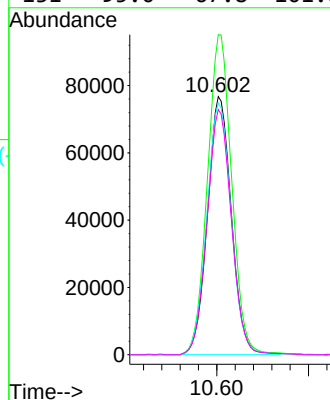
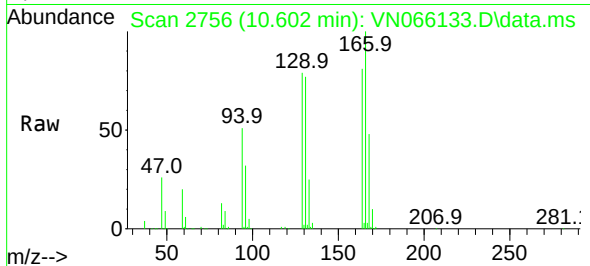
#61
Tetrachloroethene
Concen: 49.76 ug/l
RT: 10.602 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:164 Resp: 139030
Ion Ratio Lower Upper
164 100
166 124.0 101.2 151.8
129 97.6 69.7 104.5
131 95.0 67.8 101.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

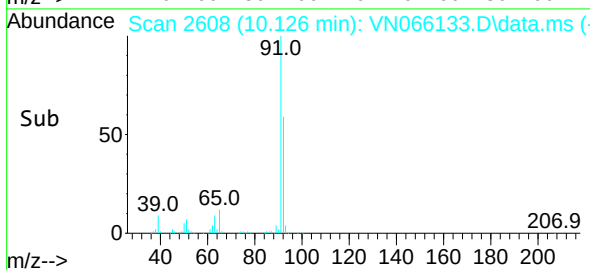
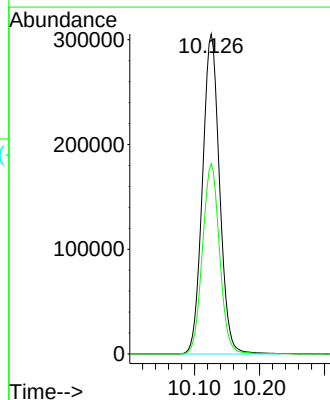
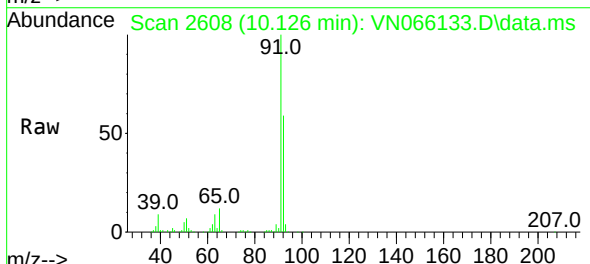
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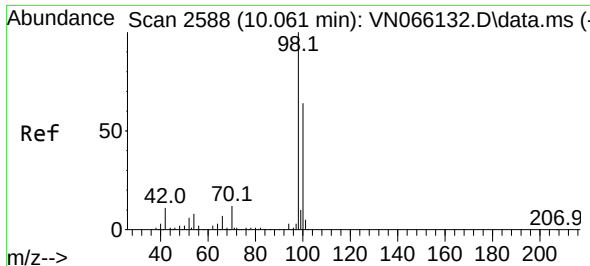
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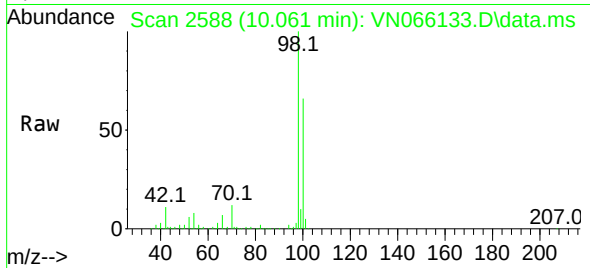
#62
Toluene
Concen: 46.08 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 91 Resp: 559073
Ion Ratio Lower Upper
91 100
92 59.6 46.2 69.4

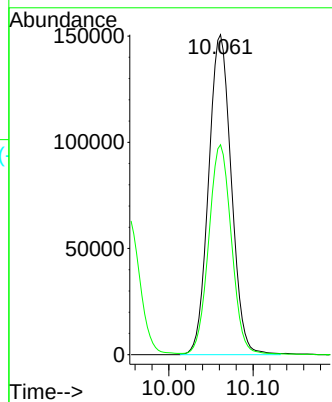
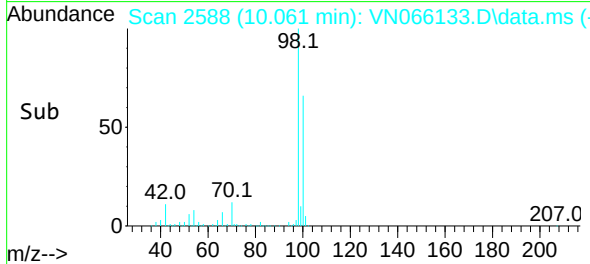




#63
Toluene-d8
Concen: 28.26 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



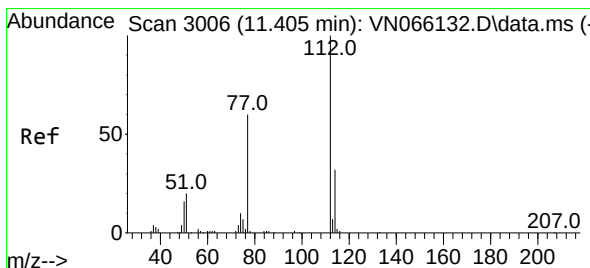
Tgt Ion: 98 Resp: 282285
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



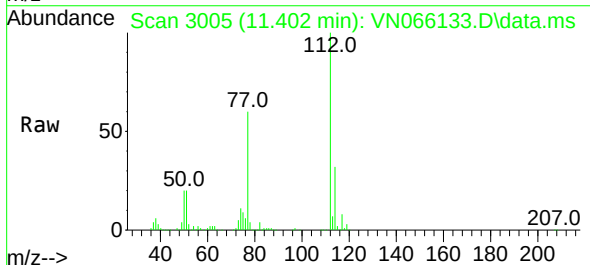
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

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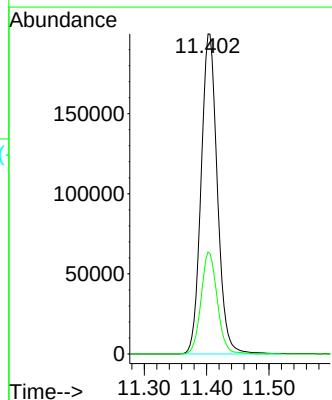
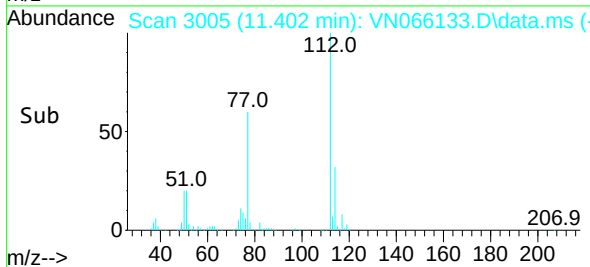
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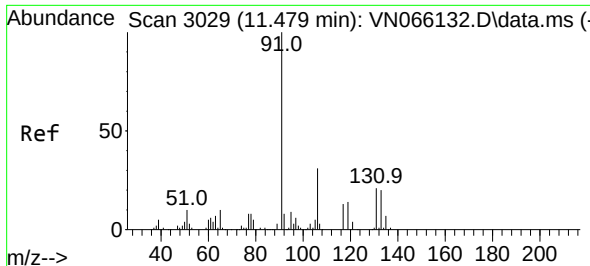


#64
Chlorobenzene
Concen: 49.89 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



Tgt Ion: 112 Resp: 362154
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3





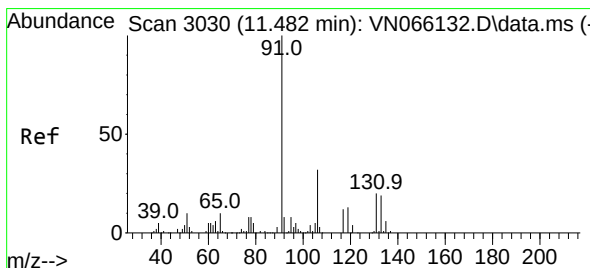
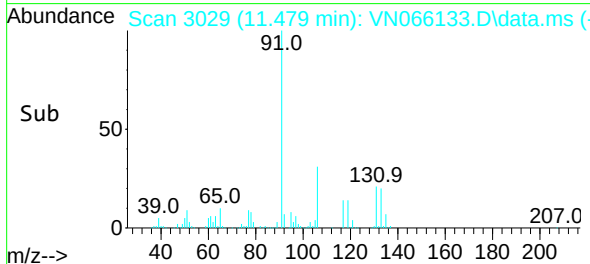
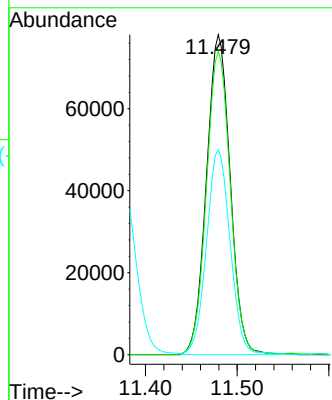
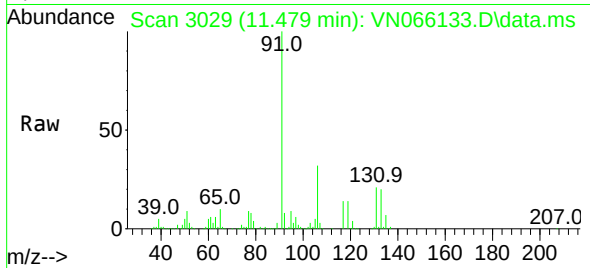
#65
1,1,1,2-Tetrachloroethane
Concen: 54.55 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:131 Resp: 140421
Ion Ratio Lower Upper
131 100
133 95.4 0.0 186.2
119 62.3 0.0 131.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

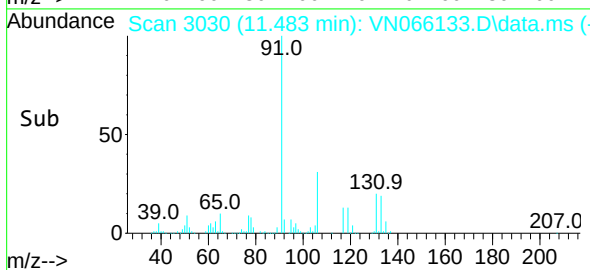
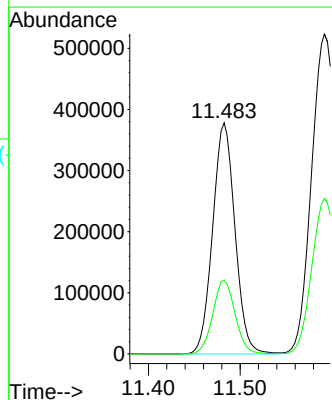
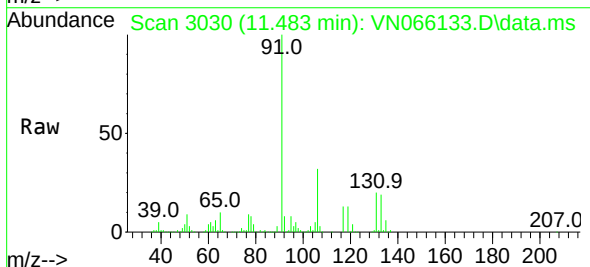
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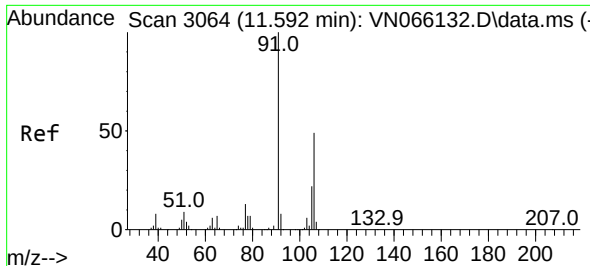
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#66
Ethyl Benzene
Concen: 48.67 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 91 Resp: 639043
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3





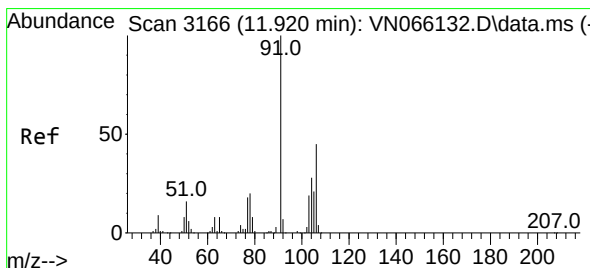
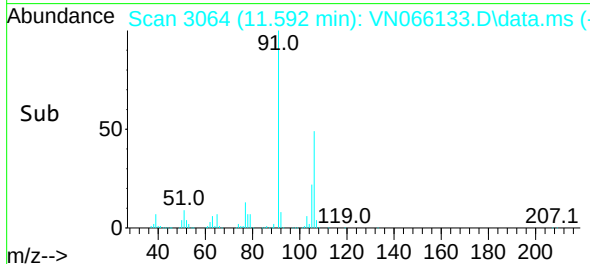
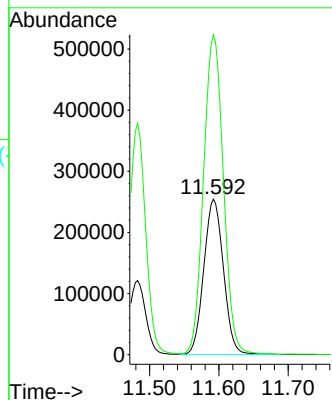
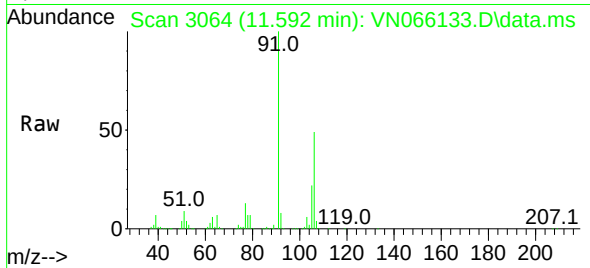
#67
m/p-Xylenes
Concen: 101.74 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:106 Resp: 500407
Ion Ratio Lower Upper
106 100
91 207.2 159.0 238.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

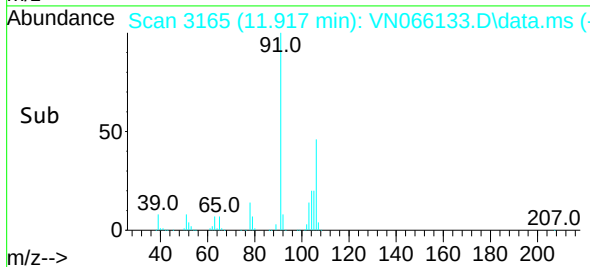
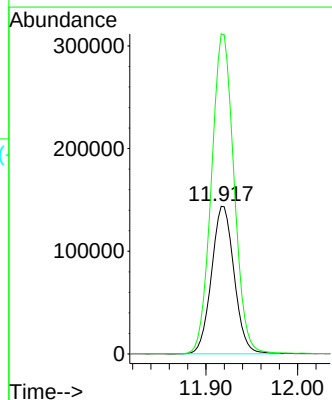
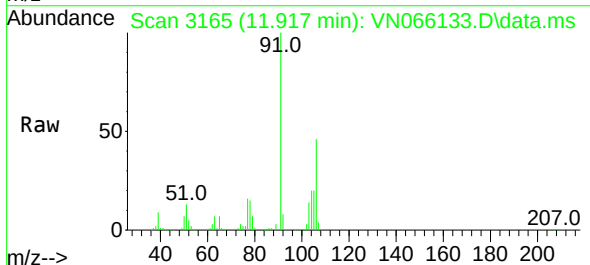
Manual Integrations
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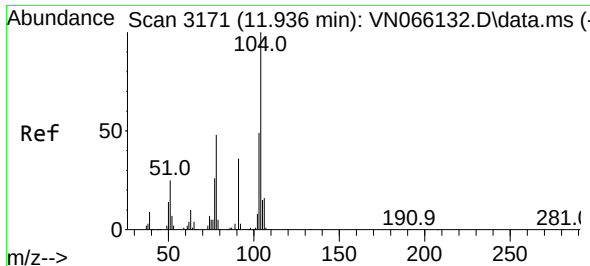
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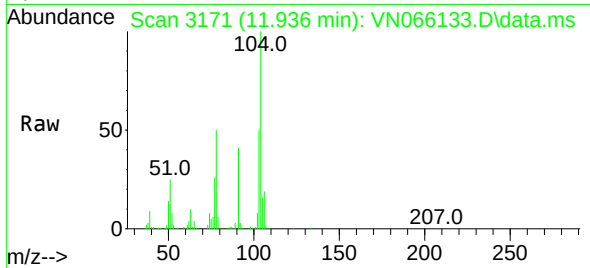
#68
o-Xylene
Concen: 51.27 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:106 Resp: 245741
Ion Ratio Lower Upper
106 100
91 217.3 104.7 313.9

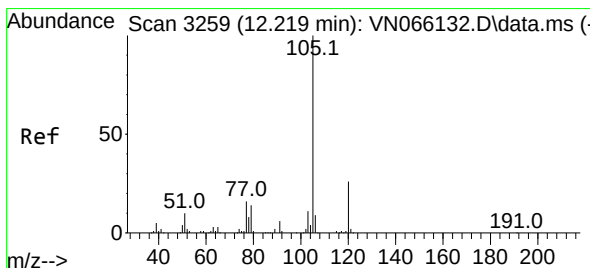
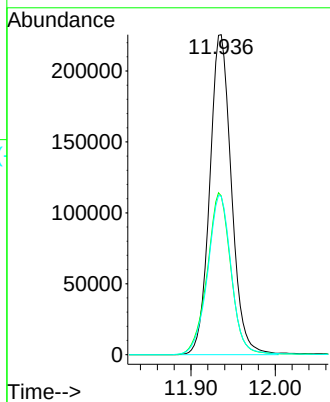
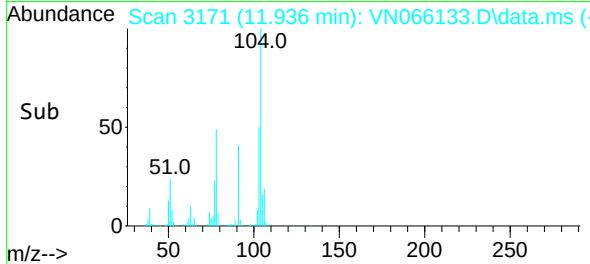




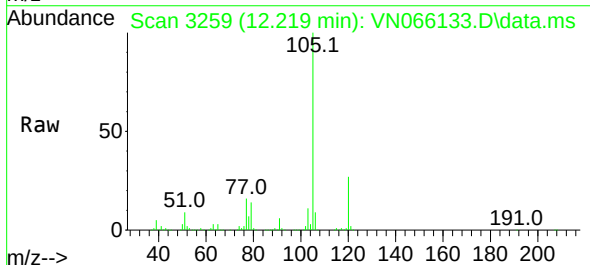
#69
Styrene
Concen: 51.96 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



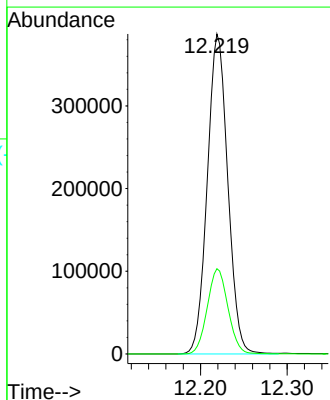
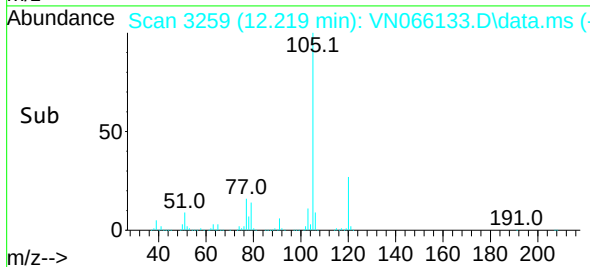
Tgt Ion:104 Resp: 403610
Ion Ratio Lower Upper
104 100
78 55.1 38.0 57.0
103 54.5 44.3 66.5



#70
Isopropylbenzene
Concen: 51.55 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



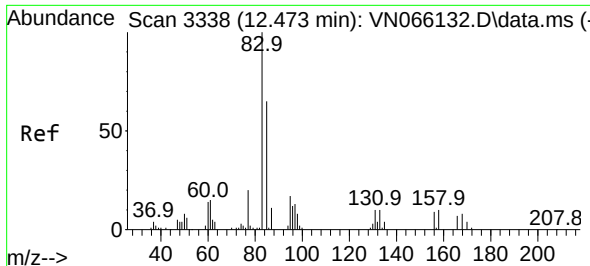
Tgt Ion:105 Resp: 635747
Ion Ratio Lower Upper
105 100
120 26.9 19.3 35.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

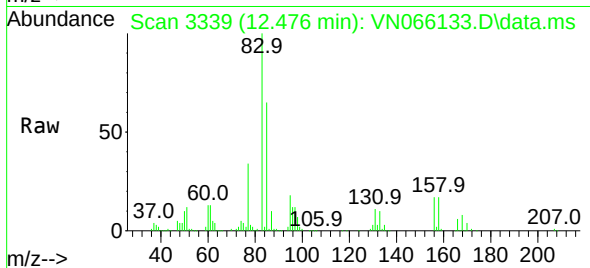
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#71
1,1,2,2-Tetrachloroethane
Concen: 49.19 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

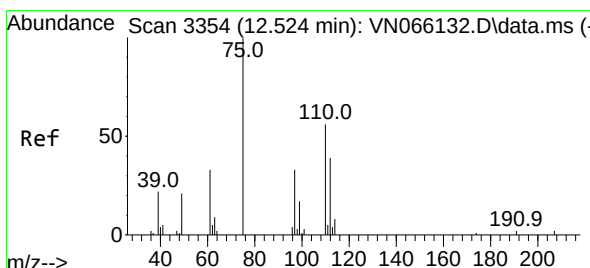
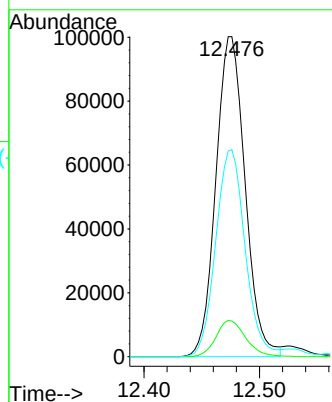
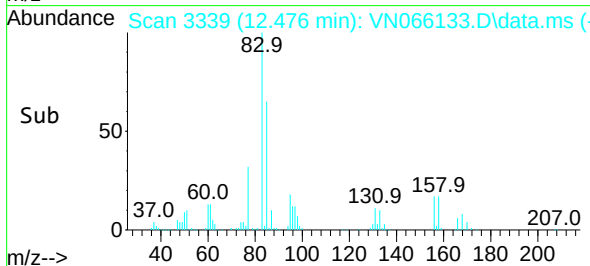
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



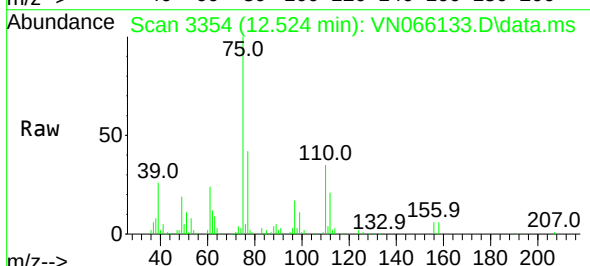
Tgt Ion: 83 Resp: 176443
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.4
85 64.7 32.1 96.5

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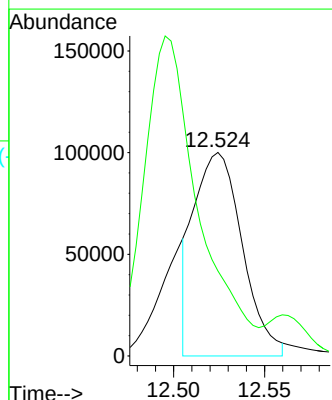
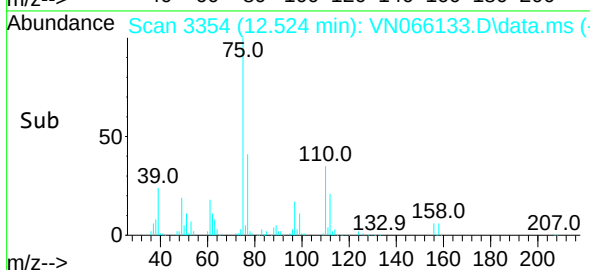
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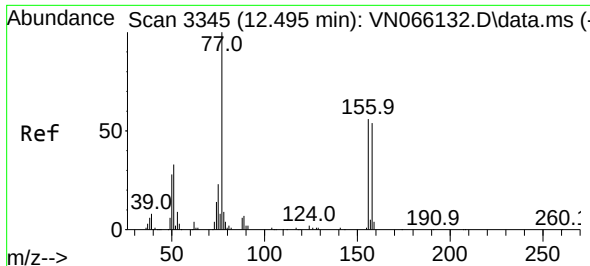


#72
1,2,3-Trichloropropane
Concen: 53.07 ug/l m
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



Tgt Ion: 75 Resp: 184809
Ion Ratio Lower Upper
75 100
77 179.5 0.0 366.4





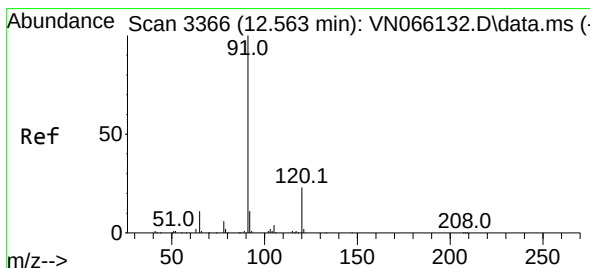
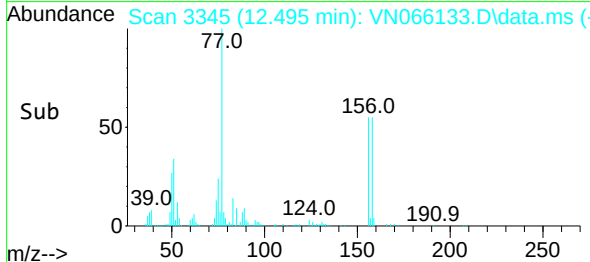
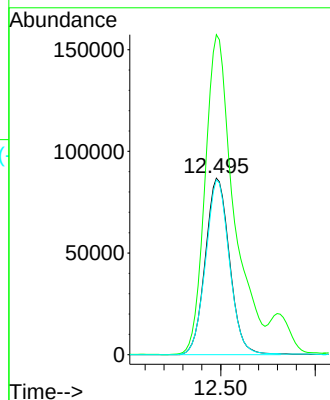
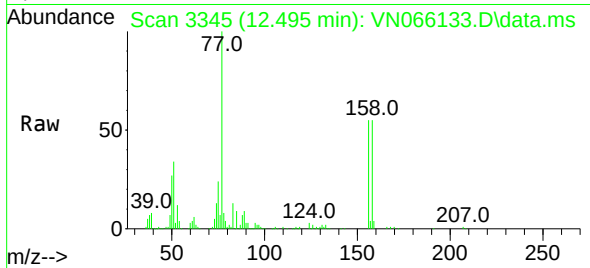
#73
Bromobenzene
Concen: 54.75 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:156 Resp: 154307
Ion Ratio Lower Upper
156 100
77 215.0 0.0 348.8
158 97.2 0.0 194.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

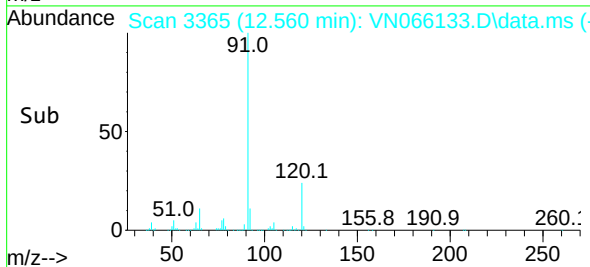
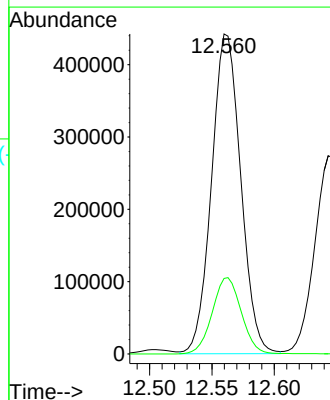
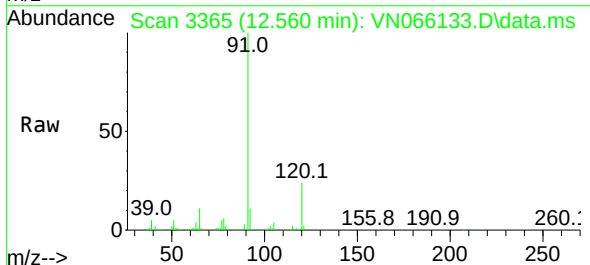
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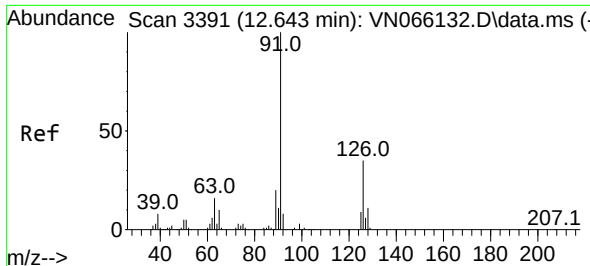
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#74
n-propylbenzene
Concen: 50.86 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

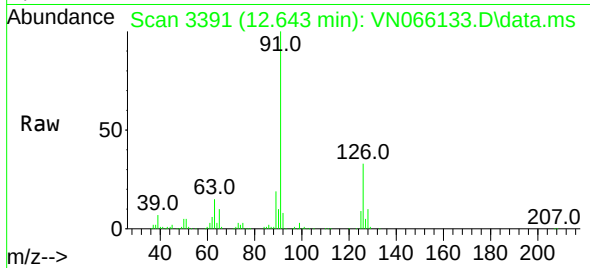
Tgt Ion: 91 Resp: 720770
Ion Ratio Lower Upper
91 100
120 23.9 0.0 49.4





#75
2-Chlorotoluene
Concen: 53.64 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

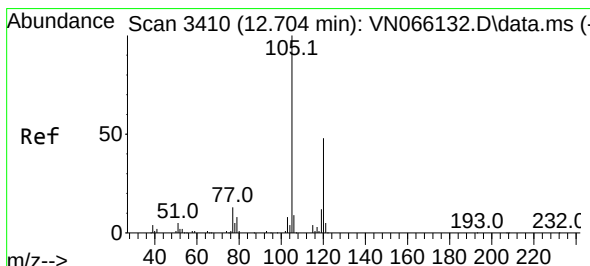
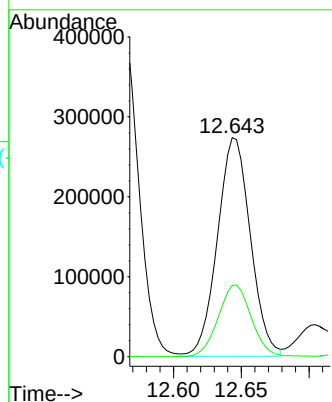
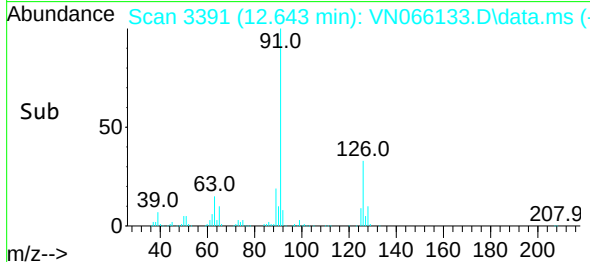
Instrument :
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ClientSampleId :
VSTDIC050



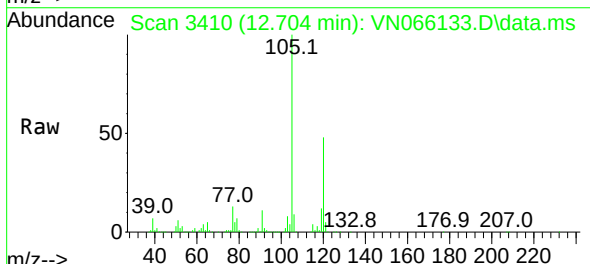
Tgt Ion: 91 Resp: 463342
Ion Ratio Lower Upper
91 100
126 33.1 0.0 74.2

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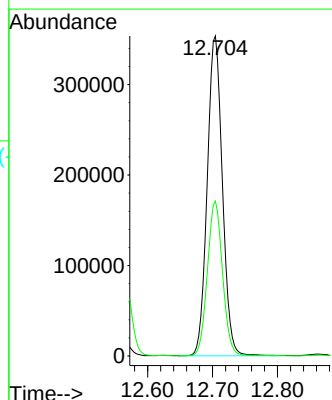
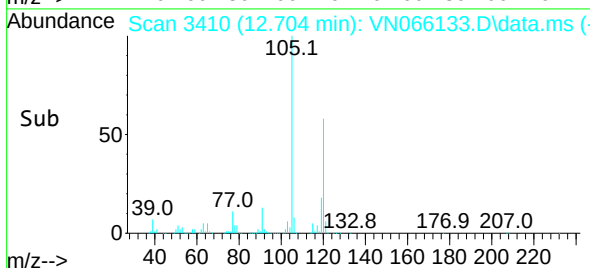
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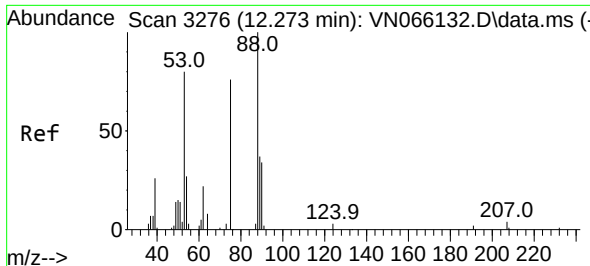


#76
1,3,5-Trimethylbenzene
Concen: 54.89 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



Tgt Ion: 105 Resp: 574527
Ion Ratio Lower Upper
105 100
120 48.2 0.0 101.6





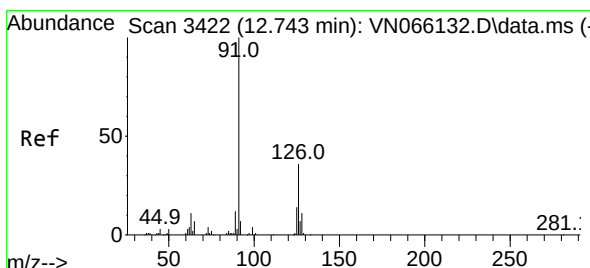
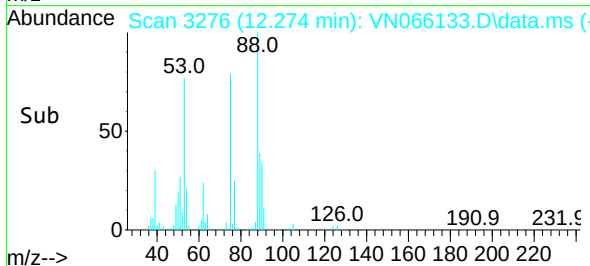
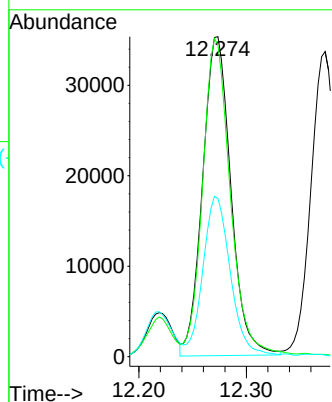
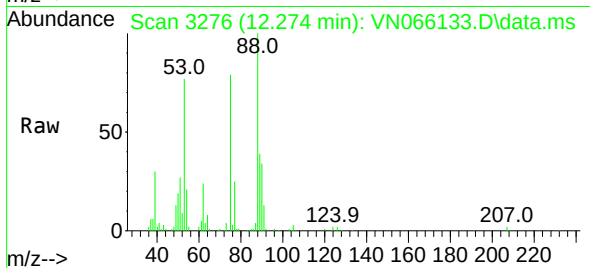
#77
t-1,4-Dichloro-2-butene
Concen: 47.72 ug/l
RT: 12.274 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 75 Resp: 64365
Ion Ratio Lower Upper
75 100
53 97.4 44.9 134.5
89 49.6 21.3 64.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

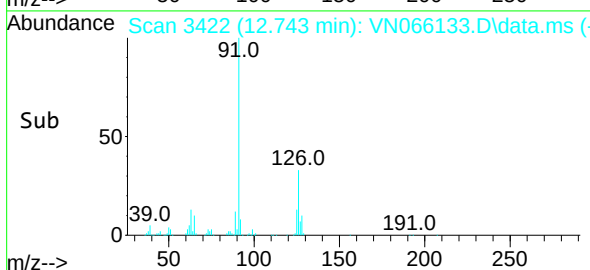
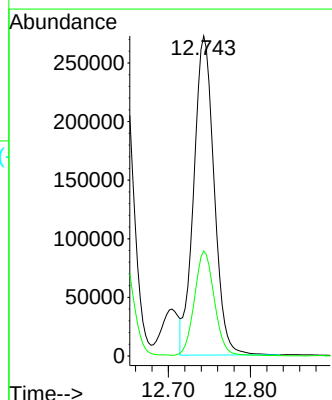
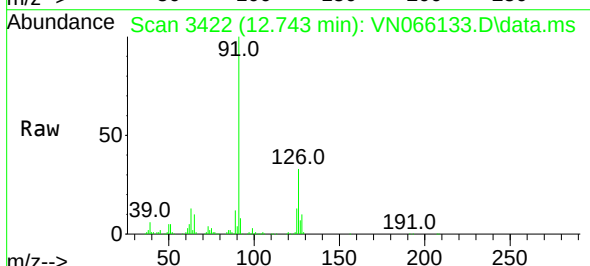
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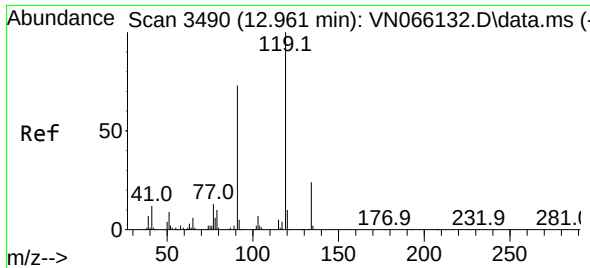
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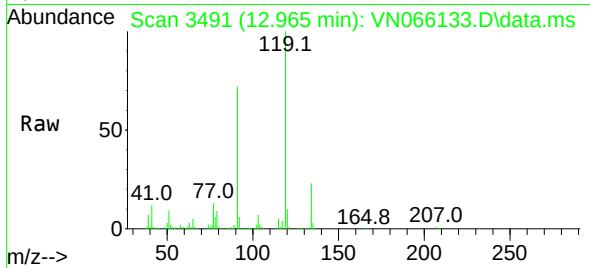
#78
4-Chlorotoluene
Concen: 54.02 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 91 Resp: 468059
Ion Ratio Lower Upper
91 100
126 32.1 0.0 71.4

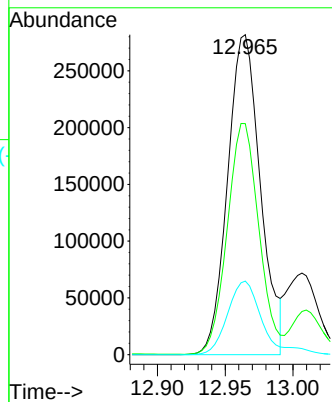
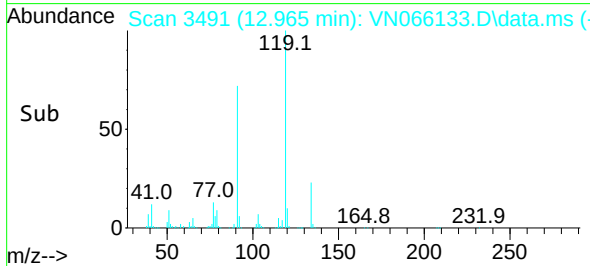




#79
tert-butylbenzene
Concen: 54.64 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. 0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



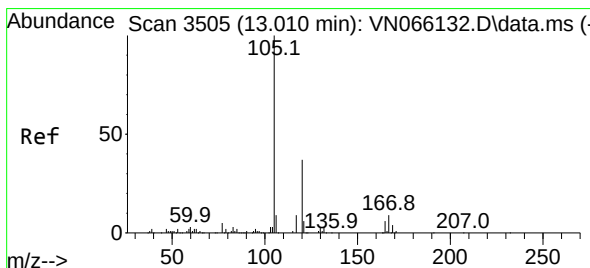
Tgt Ion:119 Resp: 474414
Ion Ratio Lower Upper
119 100
91 70.2 0.0 126.0
134 22.8 0.0 51.2



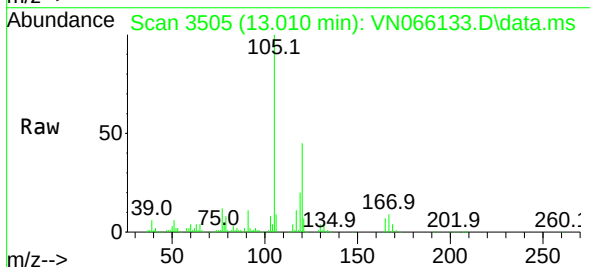
Instrument :
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ClientSampleId :
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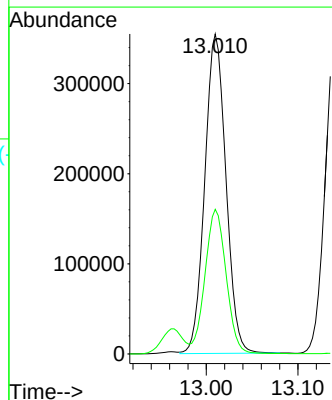
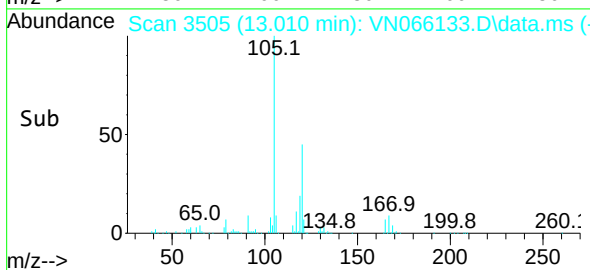
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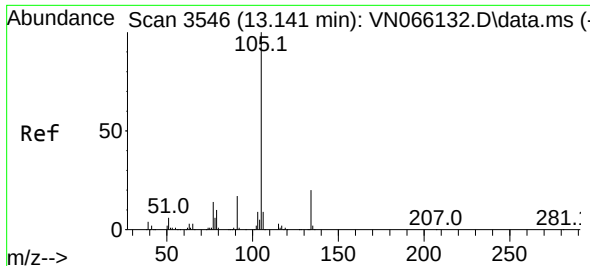


#80
1,2,4-Trimethylbenzene
Concen: 54.45 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



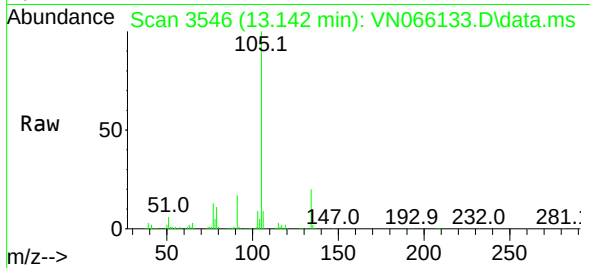
Tgt Ion:105 Resp: 567923
Ion Ratio Lower Upper
105 100
120 45.1 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 52.85 ug/l
 RT: 13.142 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN066133.D
 Acq: 5 Mar 2021 14:25

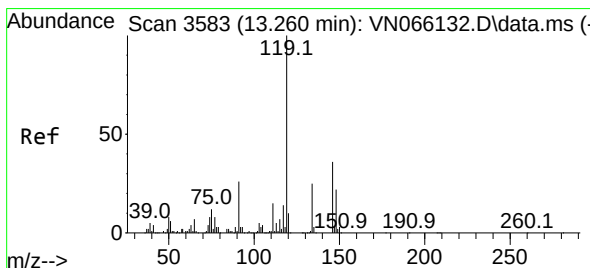
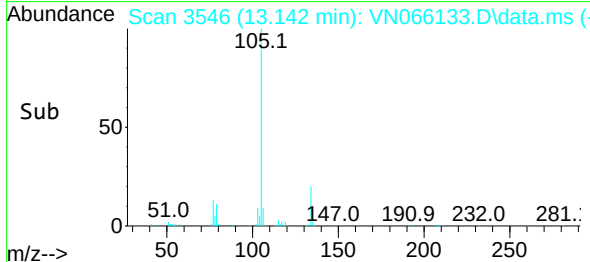
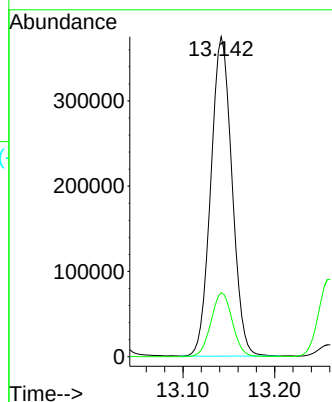
Instrument :
 MSVOA_N
 ClientSampleId :
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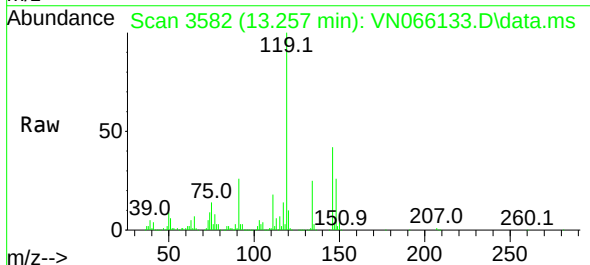
Tgt Ion:105 Resp: 601426
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 42.2

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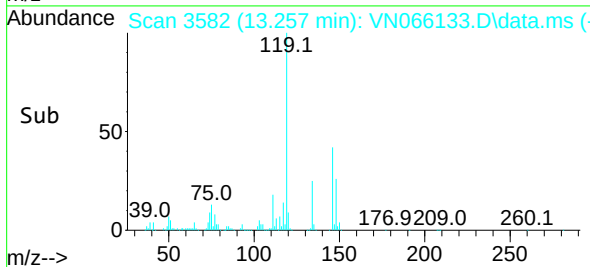
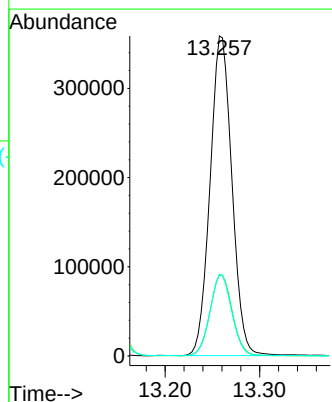
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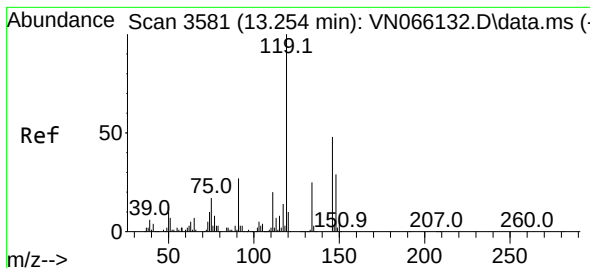


#82
 p-Isopropyltoluene
 Concen: 55.86 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. -0.003 min
 Lab File: VN066133.D
 Acq: 5 Mar 2021 14:25



Tgt Ion:119 Resp: 574833
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 54.8
 91 25.3 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 55.64 ug/l

RT: 13.254 min Scan# 3581

Delta R.T. 0.000 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

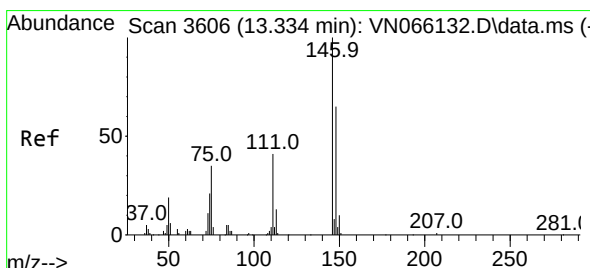
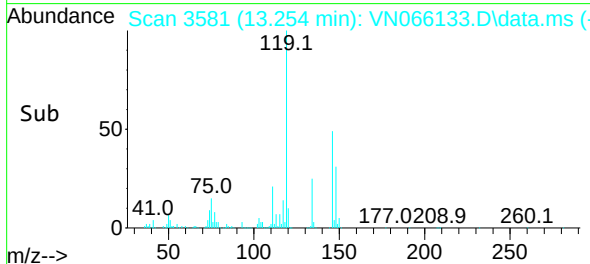
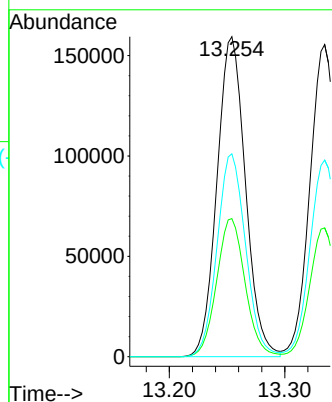
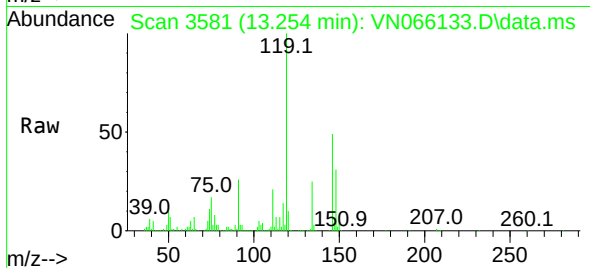
Tgt Ion:146 Resp: 273465

Ion Ratio Lower Upper

146 100

111 43.1 18.6 55.8

148 63.5 32.0 96.2



#84

1,4-Dichlorobenzene

Concen: 55.93 ug/l

RT: 13.335 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VN066133.D

Acq: 5 Mar 2021 14:25

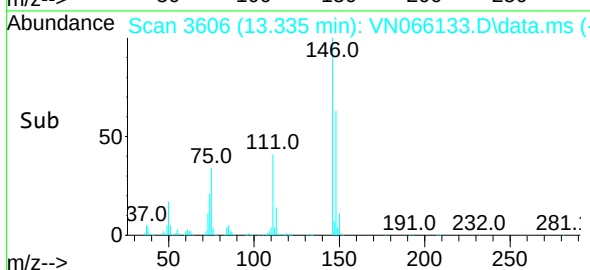
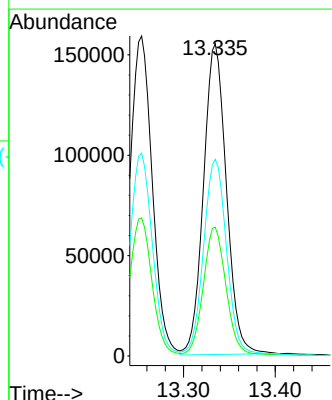
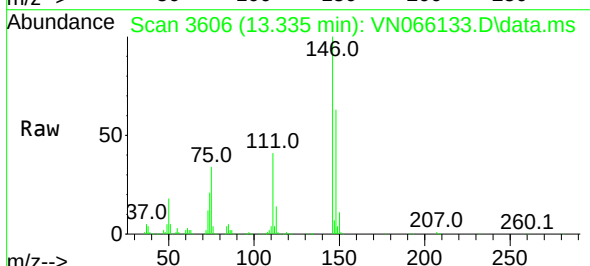
Tgt Ion:146 Resp: 268906

Ion Ratio Lower Upper

146 100

111 40.5 17.9 53.7

148 64.4 31.8 95.4



Instrument :

MSVOA_N

ClientSampleId :

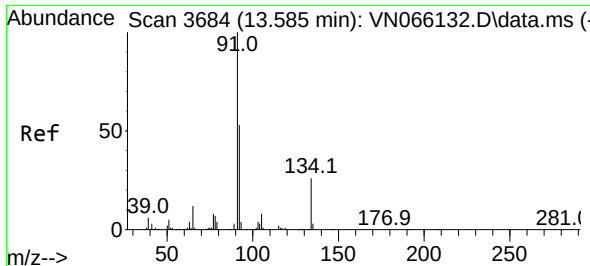
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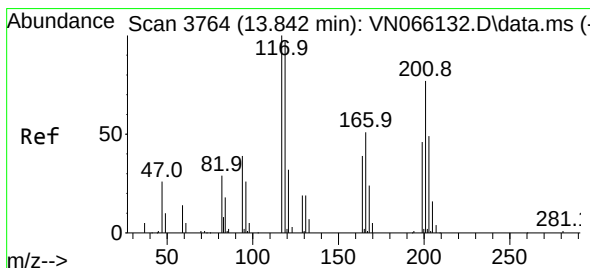
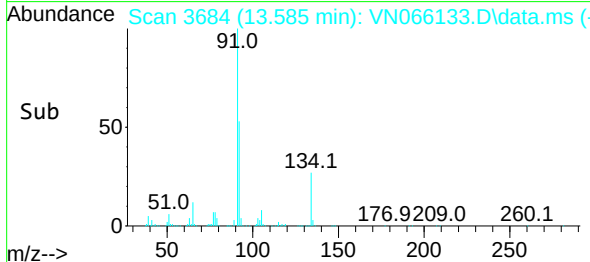
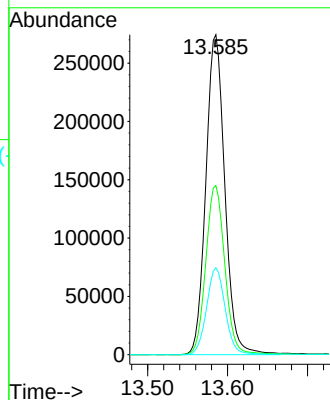
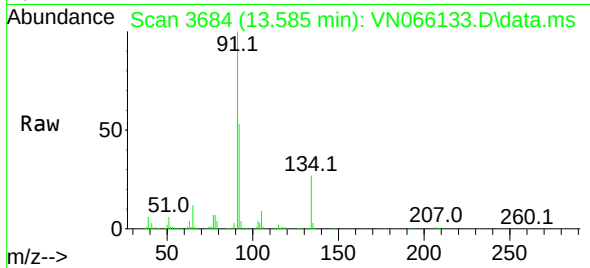
#85
n-Butylbenzene
Concen: 51.86 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 91 Resp: 454021
Ion Ratio Lower Upper
91 100
92 53.3 0.0 104.8
134 26.7 0.0 55.8

Instrument :
MSVOA_N
ClientSampleId :
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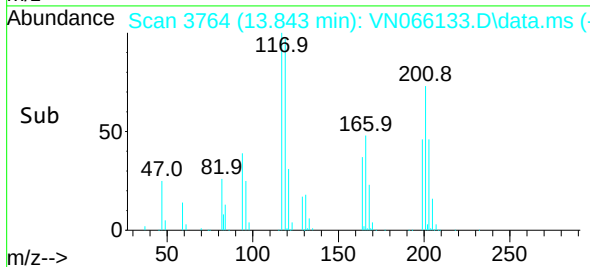
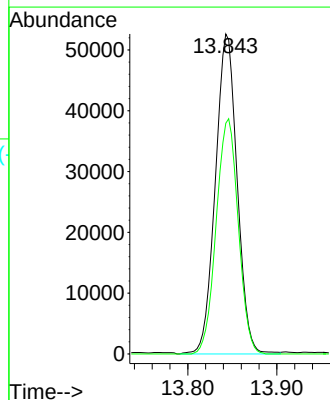
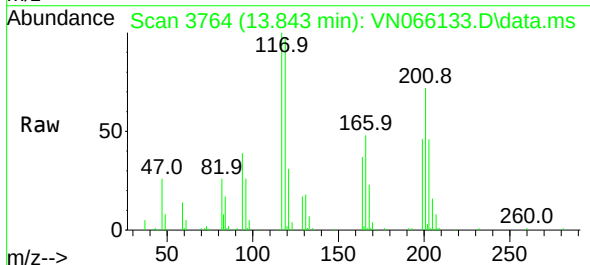
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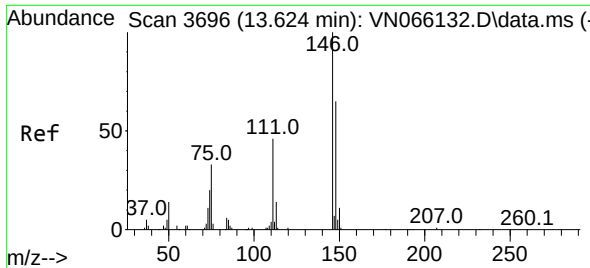
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#86
Hexachloroethane
Concen: 51.59 ug/l
RT: 13.843 min Scan# 3764
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 117 Resp: 89481
Ion Ratio Lower Upper
117 100
201 74.3 48.4 145.3





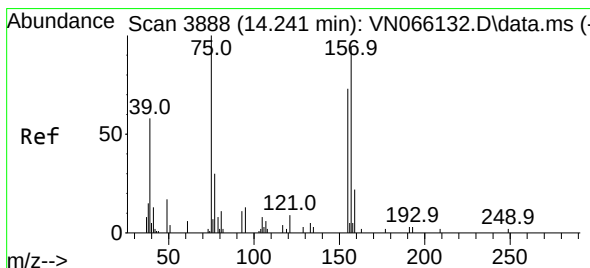
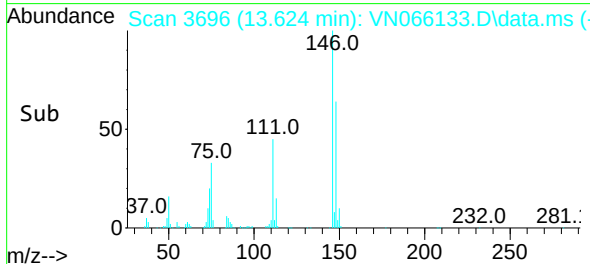
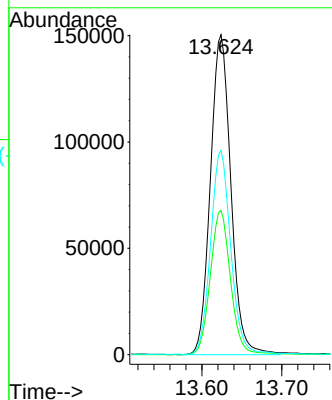
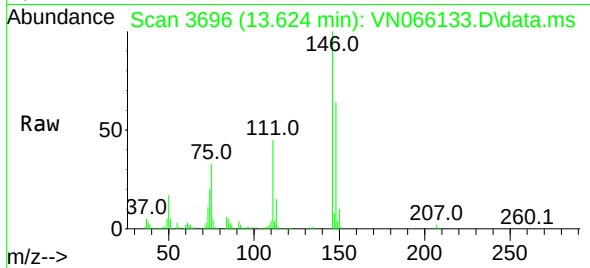
#87
1,2-Dichlorobenzene
Concen: 54.50 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:146 Resp: 267780
Ion Ratio Lower Upper
146 100
111 44.5 18.9 56.9
148 62.8 32.3 96.8

Instrument :
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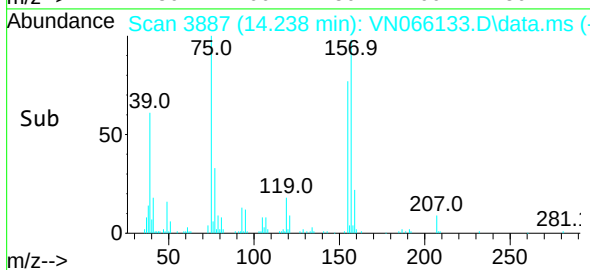
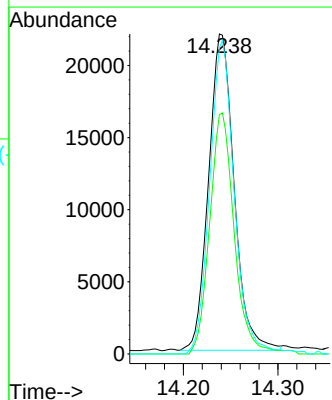
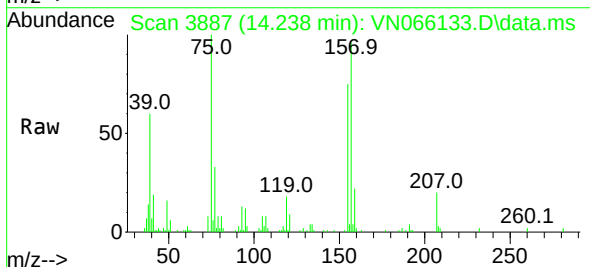
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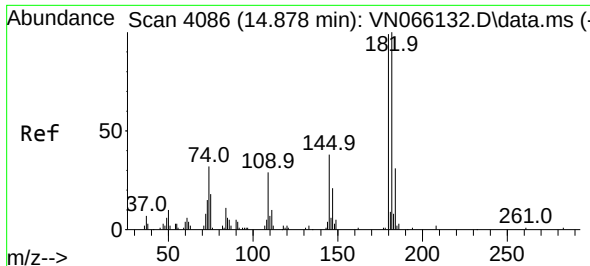
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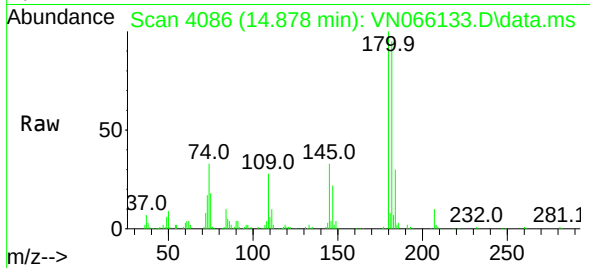
#88
1,2-Dibromo-3-Chloropropane
Concen: 57.98 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion: 75 Resp: 41038
Ion Ratio Lower Upper
75 100
155 73.3 76.9 115.3#
157 95.8 105.8 158.8#

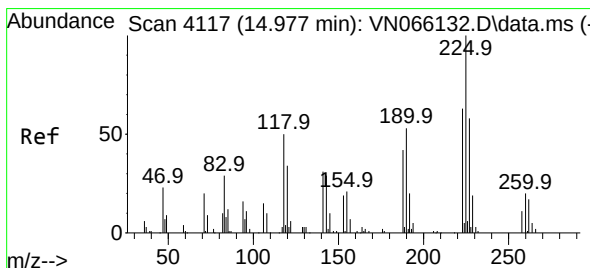
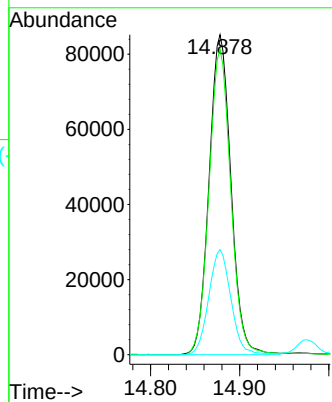
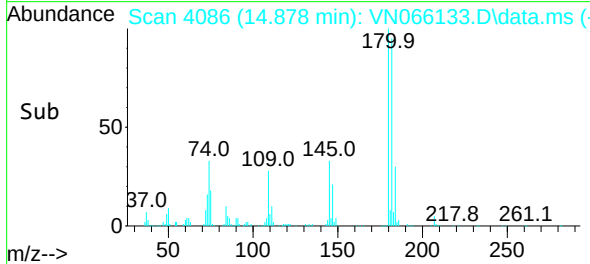




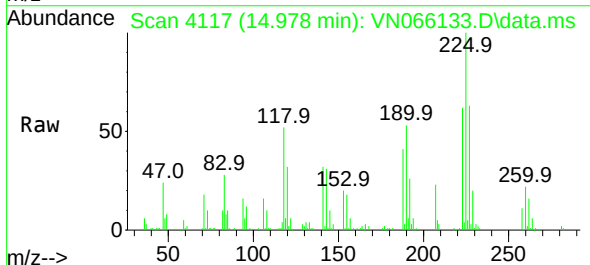
#89
1,2,4-Trichlorobenzene
Concen: 56.69 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



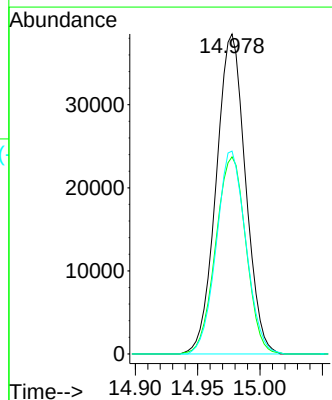
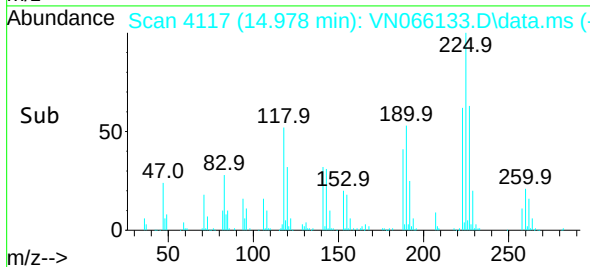
Tgt Ion:180 Resp: 144870
Ion Ratio Lower Upper
180 100
182 95.1 78.5 117.7
145 33.3 23.8 35.6



#90
Hexachlorobutadiene
Concen: 53.90 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25



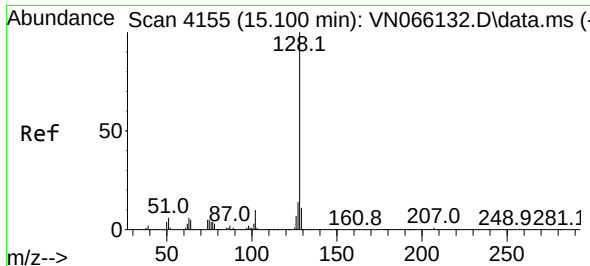
Tgt Ion:225 Resp: 63013
Ion Ratio Lower Upper
225 100
223 63.5 0.0 122.0
227 63.8 0.0 126.4



Instrument :
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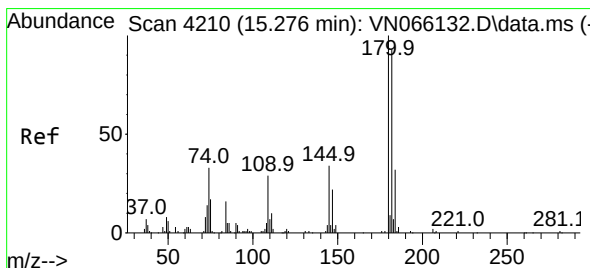
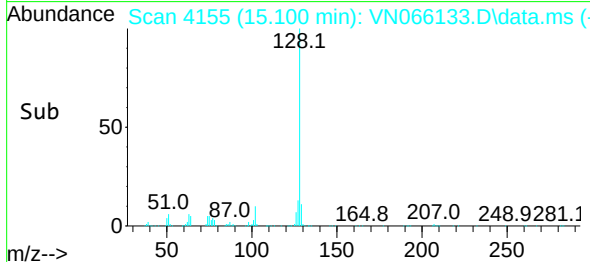
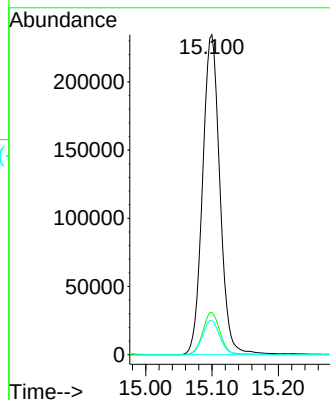
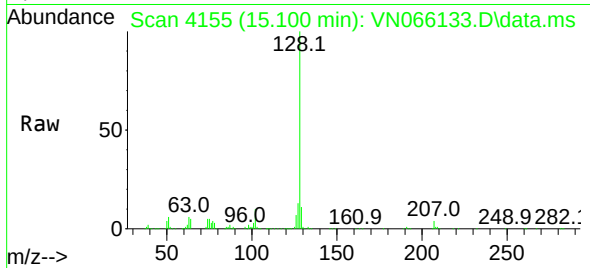
#91
Naphthalene
Concen: 52.44 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.000 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:128 Resp: 425765
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.8 8.6 12.8

Instrument :
MSVOA_N
ClientSampleId :
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#92
1,2,3-Trichlorobenzene
Concen: 57.12 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. 0.003 min
Lab File: VN066133.D
Acq: 5 Mar 2021 14:25

Tgt Ion:180 Resp: 147519
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.4
145 34.9 0.0 57.8

