

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020321\
 Data File : VN065696.D
 Acq On : 3 Feb 2021 13:14
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
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 2/4/2021 10:33:11 AM

Quant Time: Feb 03 13:36:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 13:35:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.151	128	28965	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	165025	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	142851	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	60826	32.96	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 109.87%		
60) 4-Bromofluorobenzene	12.373	95	69601	31.52	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 105.07%		
63) Toluene-d8	10.055	98	208214	32.62	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 108.73%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	30193	20.38	ug/l	93
3) Chloromethane	2.036	50	44381	23.33	ug/l	100
4) Vinyl Chloride	2.167	62	44194	21.48	ug/l	98
5) Bromomethane	2.547	94	26475	18.84	ug/l	99
6) Chloroethane	2.682	64	25355	19.49	ug/l	100
7) Trichlorofluoromethane	2.997	101	45802	17.63	ug/l	96
8) Diethyl Ether	3.380	74	20927	19.44	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.720	101	28242	18.24	ug/l	92
10) 1,1-Dichloroethene	3.698	96	29785	18.60	ug/l	92
11) Methyl Iodide	3.907	142	41662	16.83	ug/l	98
12) Methyl Acetate	4.286	43	36303	22.26	ug/l	98
13) Acrolein	3.573	56	26693	98.98	ug/l	98
14) Acrylonitrile	4.942	53	80443	109.30	ug/l	97
15) Acetone	3.782	58	28536	122.71	ug/l	91
16) Carbon Disulfide	4.007	76	92053	22.39	ug/l	99
17) Allyl chloride	4.274	41	55396	22.98	ug/l	92
18) Methylene Chloride	4.499	84	35071	19.93	ug/l	95
19) trans-1,2-Dichloroethene	4.987	96	31959	19.59	ug/l	91
20) Diisopropyl ether	5.910	45	115012	22.94	ug/l	93
21) 1,1-Dichloroethane	5.801	63	62765	21.38	ug/l	98
22) cis-1,2-Dichloroethene	6.781	96	37270	19.64	ug/l	94
23) tert-Butyl Alcohol	4.759	59	30193	127.02	ug/l #	100
24) Methyl tert-Butyl Ether	5.000	73	98762	20.50	ug/l	99
25) Chloroform	7.331	83	57349	19.38	ug/l	95
26) Cyclohexane	7.611	56	58834	23.15	ug/l #	89
29) 1,1-Dichloropropene	7.749	75	45797	19.15	ug/l	97
30) 2-Butanone	6.794	43	108819	110.28	ug/l	97
31) 2,2-Dichloropropane	6.775	77	48881	19.74	ug/l	99
32) 1,1,1-Trichloroethane	7.527	97	45641	17.35	ug/l	98
33) Carbon Tetrachloride	7.730	117	37809	16.45	ug/l	95
34) Benzene	8.000	78	142905	19.44	ug/l	99
35) Methacrylonitrile	7.125	41	19907	20.05	ug/l	90
36) 1,2-Dichloroethane	8.084	62	43536	18.35	ug/l	97
37) Trichloroethene	8.801	130	34508	16.35	ug/l	87
38) Methylcyclohexane	9.045	83	54295	19.43	ug/l	94
39) 1,2-Dichloropropane	9.084	63	39068	20.32	ug/l	98
40) Dibromomethane	9.174	93	22323	17.87	ug/l	81
41) Bromodichloromethane	9.367	83	44157	18.09	ug/l #	97
42) Vinyl Acetate	5.849	43	457081	107.06	ug/l	97

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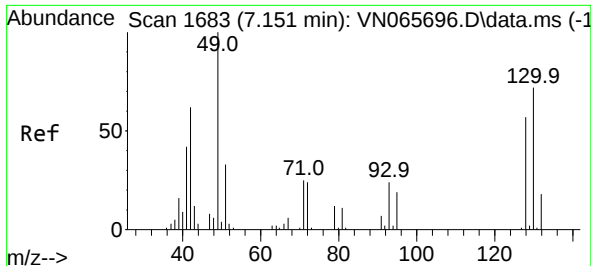
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.891	43	42851	20.50	ug/l	99
44) Isopropyl Acetate	8.129	43	74345	21.22	ug/l	98
45) 1,4-Dioxane	9.170	88	13021	497.95	ug/l	92
46) Methyl methacrylate	9.167	41	34685	20.20	ug/l	94
47) n-amyl Acetate	12.042	43	58126	19.34	ug/l	97
48) t-1,3-Dichloropropene	10.350	75	51443	18.67	ug/l	99
49) cis-1,3-Dichloropropene	9.804	75	58739	19.37	ug/l	99
50) 1,1,2-Trichloroethane	10.530	97	32102	17.58	ug/l	96
51) Ethyl methacrylate	10.399	69	51131	19.40	ug/l	96
52) 1,3-Dichloropropane	10.675	76	57750	18.78	ug/l	100
53) Dibromochloromethane	10.871	129	31442	15.73	ug/l	100
54) 1,2-Dibromoethane	10.974	107	31769	16.41	ug/l	99
55) 2-Chloroethyl vinyl ether	9.662	63	128264	108.26	ug/l	95
56) Bromoform	12.096	173	19732	13.00	ug/l #	96
58) 4-Methyl-2-Pentanone	9.952	43	215029	109.18	ug/l	98
59) 2-Hexanone	10.720	43	152871	107.29	ug/l	99
61) Tetrachloroethene	10.598	164	33682	15.34	ug/l	92
62) Toluene	10.122	91	145597	19.25	ug/l	100
64) Chlorobenzene	11.402	112	85151	17.62	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.479	131	29882	16.67	ug/l	97
66) Ethyl Benzene	11.479	91	155464	18.82	ug/l	99
67) m/p-Xylenes	11.592	106	116177	36.27	ug/l	97
68) o-Xylene	11.916	106	56703	18.27	ug/l	97
69) Styrene	11.936	104	88839	17.31	ug/l	97
70) Isopropylbenzene	12.219	105	145731	18.03	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.476	83	43365	18.74	ug/l	99
72) 1,2,3-Trichloropropane	12.524	75	44902m	20.11	ug/l	
73) Bromobenzene	12.495	156	32061	14.46	ug/l	68
74) n-propylbenzene	12.563	91	164981	18.16	ug/l	95
75) 2-Chlorotoluene	12.643	91	101901	18.54	ug/l	92
76) 1,3,5-Trimethylbenzene	12.704	105	120891	17.56	ug/l	97
77) t-1,4-Dichloro-2-butene	12.270	75	15543	19.58	ug/l	96
78) 4-Chlorotoluene	12.743	91	98364	17.81	ug/l	94
79) tert-butylbenzene	12.964	119	100018	16.98	ug/l	95
80) 1,2,4-Trimethylbenzene	13.009	105	120305	17.56	ug/l	99
81) sec-Butylbenzene	13.141	105	133992	17.50	ug/l	96
82) p-Isopropyltoluene	13.260	119	117218	16.52	ug/l	98
83) 1,3-Dichlorobenzene	13.254	146	55316	14.89	ug/l	96
84) 1,4-Dichlorobenzene	13.334	146	53293	14.65	ug/l	96
85) n-Butylbenzene	13.585	91	99807	17.47	ug/l	96
86) Hexachloroethane	13.845	117	19902	16.85	ug/l	75
87) 1,2-Dichlorobenzene	13.624	146	56225	15.33	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.241	75	8356	19.71	ug/l #	73
89) 1,2,4-Trichlorobenzene	14.878	180	26488	13.80	ug/l	98
90) Hexachlorobutadiene	14.977	225	13568	11.14	ug/l	97
91) Naphthalene	15.099	128	84214	16.96	ug/l	99
92) 1,2,3-Trichlorobenzene	15.279	180	27579	14.56	ug/l	97

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



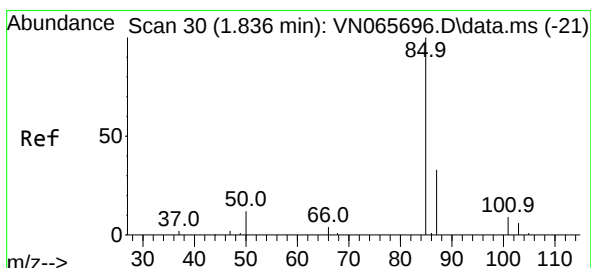
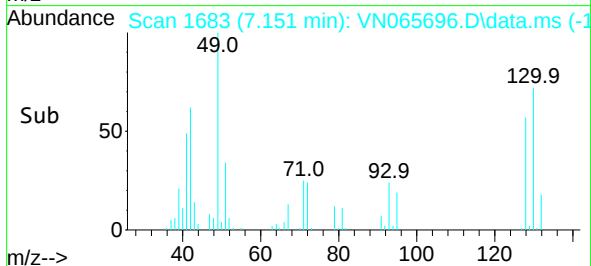
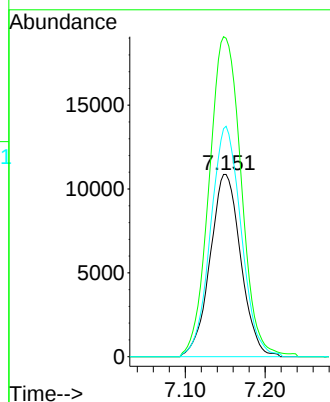
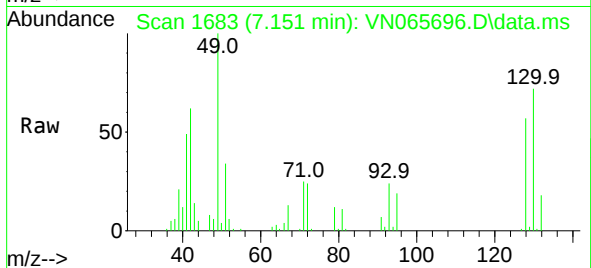
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:128 Resp: 28965
Ion Ratio Lower Upper
128 100
49 183.3 0.0 355.0
130 126.3 0.0 325.5

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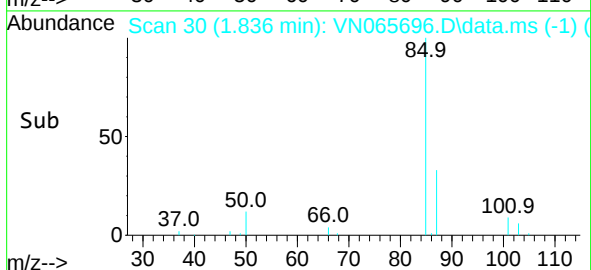
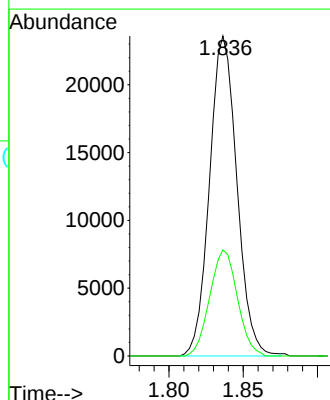
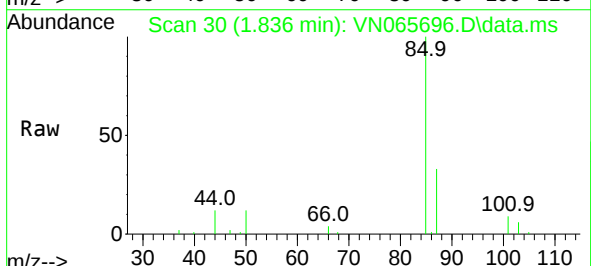
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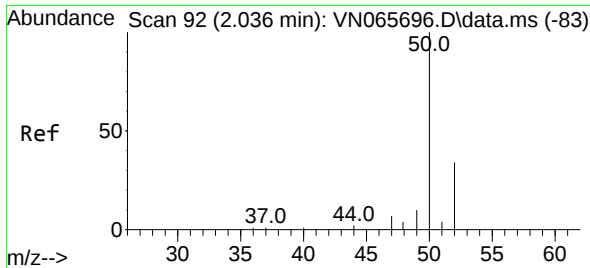
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#2
Dichlorodifluoromethane
Concen: 20.38 ug/l
RT: 1.836 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 85 Resp: 30193
Ion Ratio Lower Upper
85 100
87 33.1 14.6 43.8





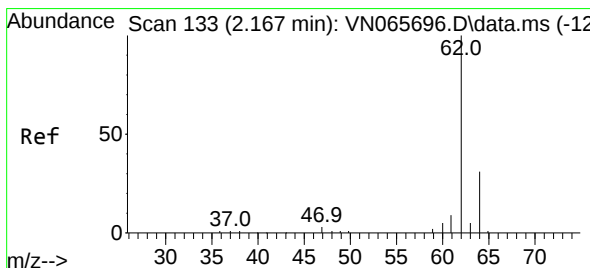
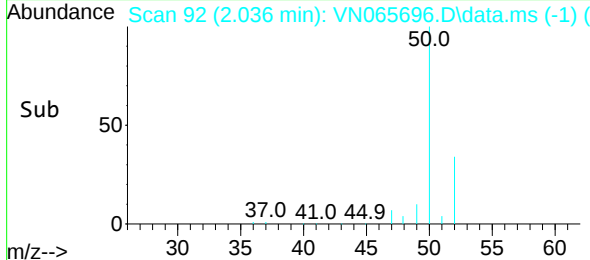
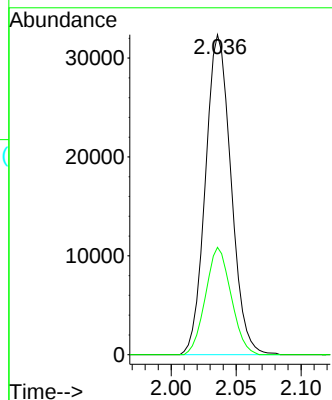
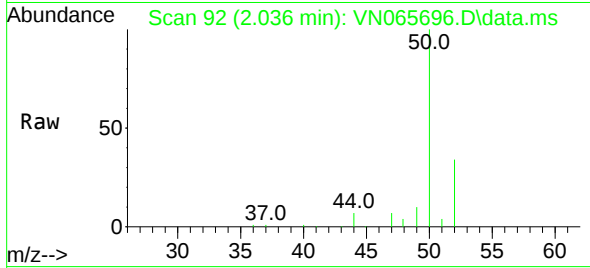
#3
Chloromethane
Concen: 23.33 ug/l
RT: 2.036 min Scan# 92
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 50 Resp: 44381
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2

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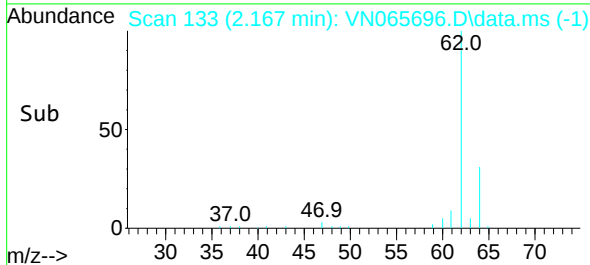
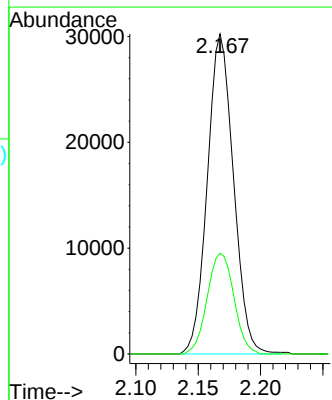
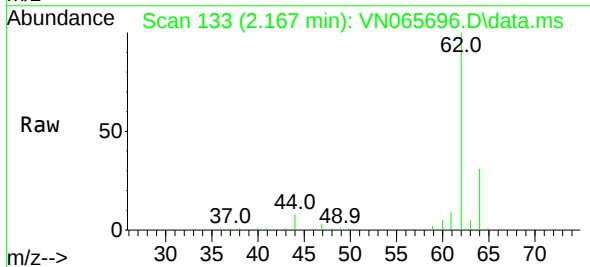
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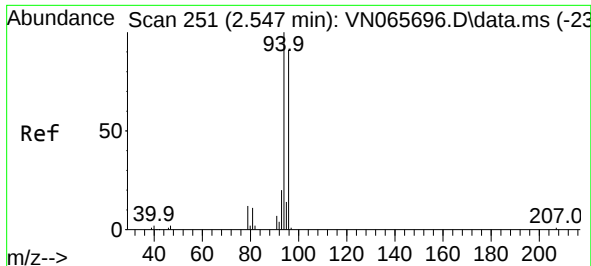
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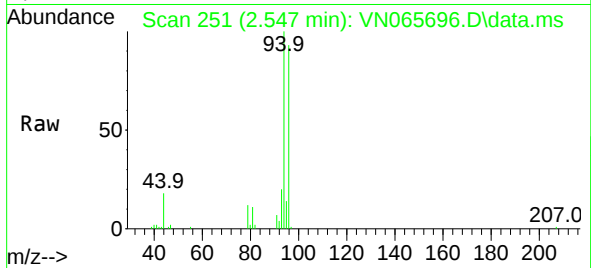
#4
Vinyl Chloride
Concen: 21.48 ug/l
RT: 2.167 min Scan# 133
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 62 Resp: 44194
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.4

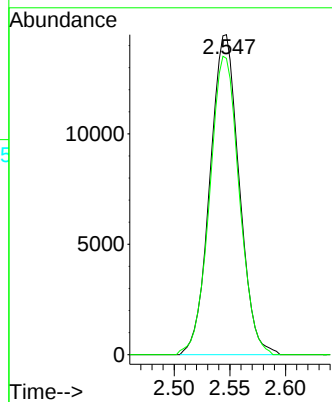




#5
Bromomethane
Concen: 18.84 ug/l
RT: 2.547 min Scan# 251
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



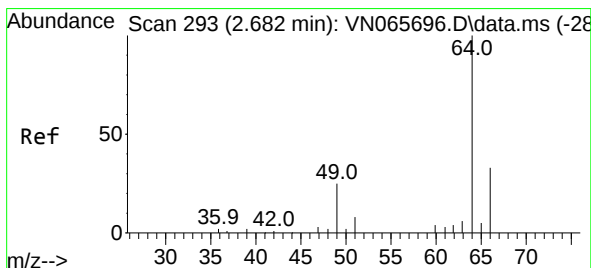
Tgt Ion: 94 Resp: 26475
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8



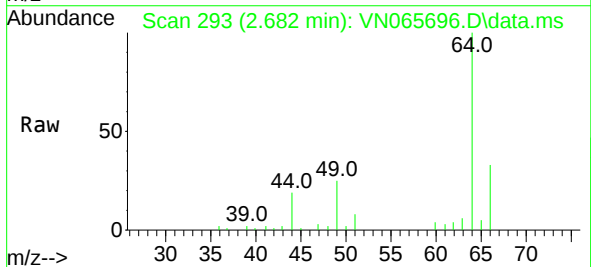
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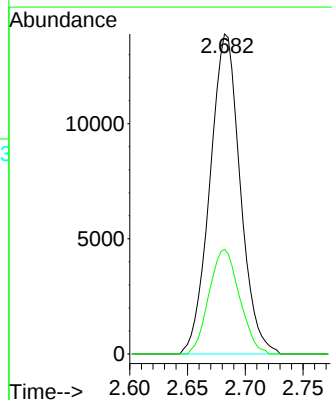
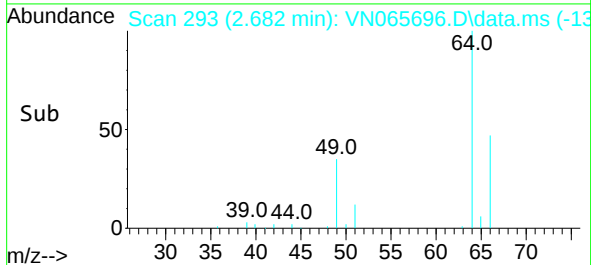
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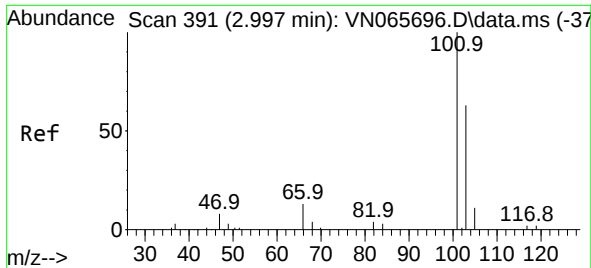


#6
Chloroethane
Concen: 19.49 ug/l
RT: 2.682 min Scan# 293
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

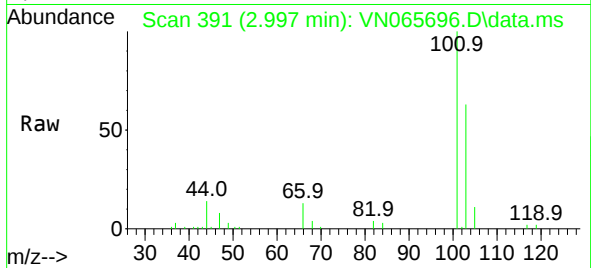


Tgt Ion: 64 Resp: 25355
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5

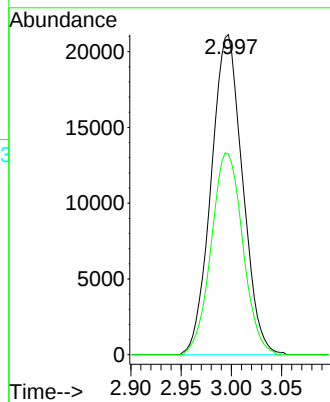
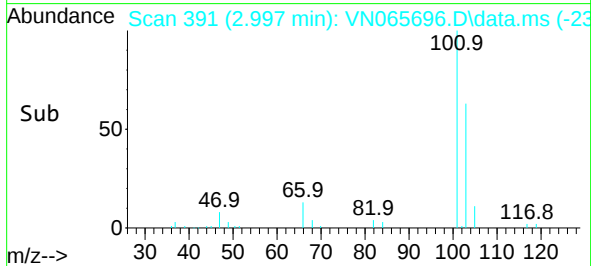




#7
Trichlorofluoromethane
Concen: 17.63 ug/l
RT: 2.997 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



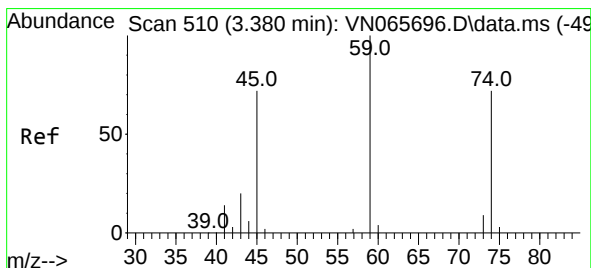
Tgt Ion:101 Resp: 45802
Ion Ratio Lower Upper
101 100
103 62.7 52.6 78.8



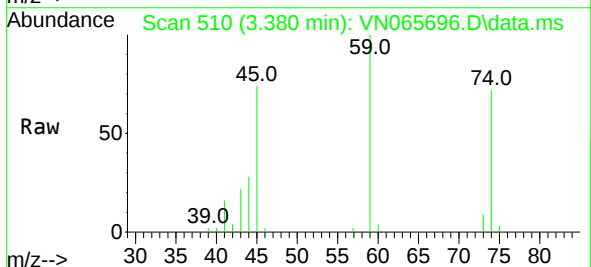
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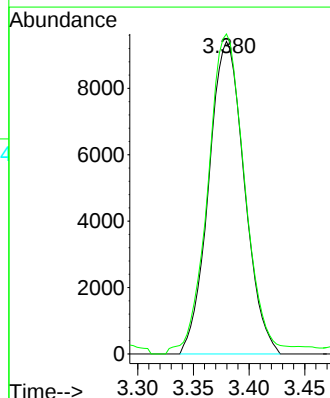
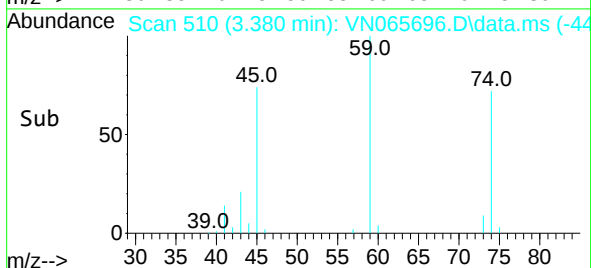
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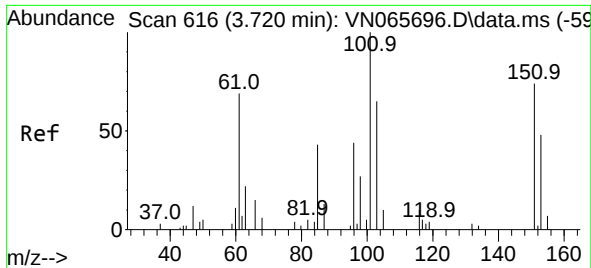


#8
Diethyl Ether
Concen: 19.44 ug/l
RT: 3.380 min Scan# 510
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



Tgt Ion: 74 Resp: 20927
Ion Ratio Lower Upper
74 100
45 105.9 18.5 166.9





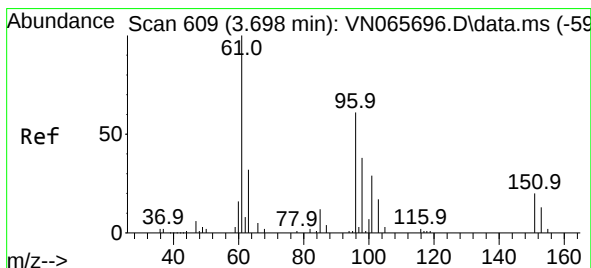
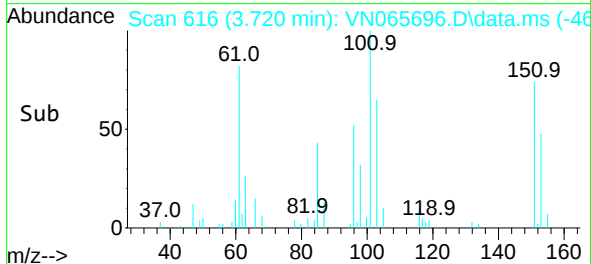
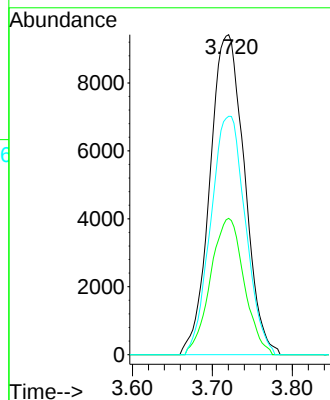
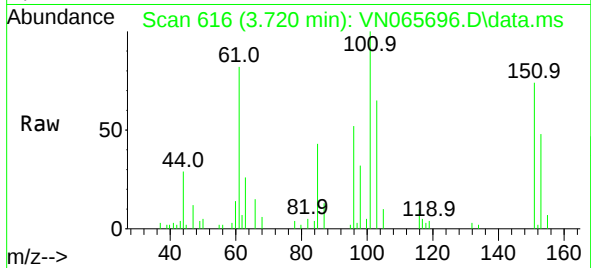
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.24 ug/l
RT: 3.720 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 101 Resp: 28242
Ion Ratio Lower Upper
101 100
85 41.4 0.0 80.6
151 74.9 0.0 169.2

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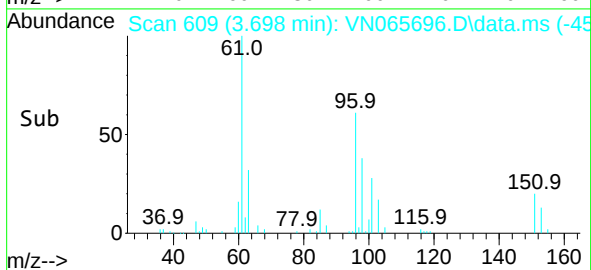
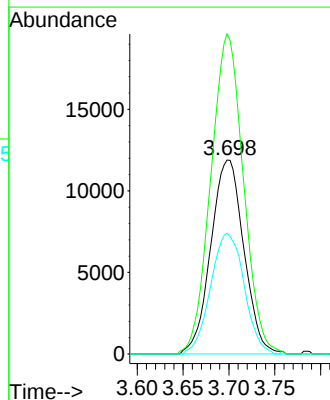
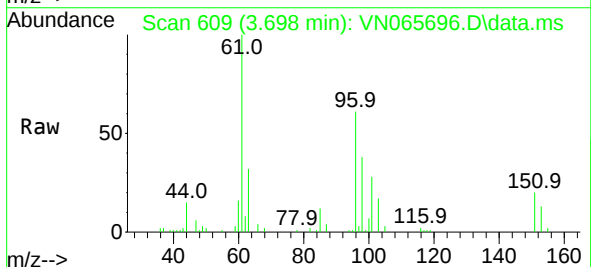
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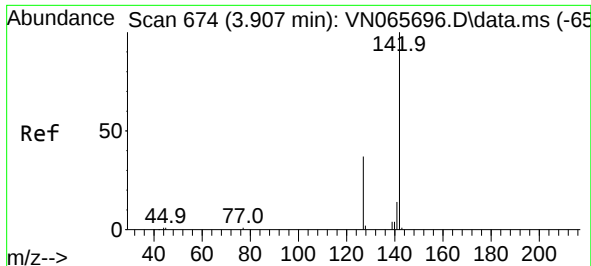
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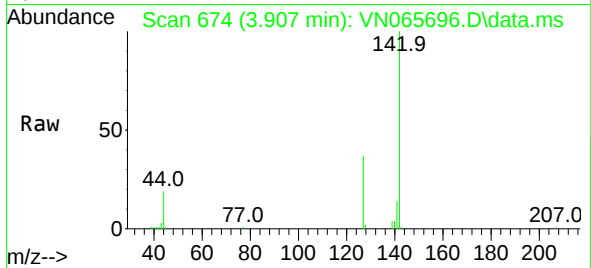
#10
1,1-Dichloroethene
Concen: 18.60 ug/l
RT: 3.698 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 96 Resp: 29785
Ion Ratio Lower Upper
96 100
61 163.6 119.9 179.9
98 62.3 51.2 76.8

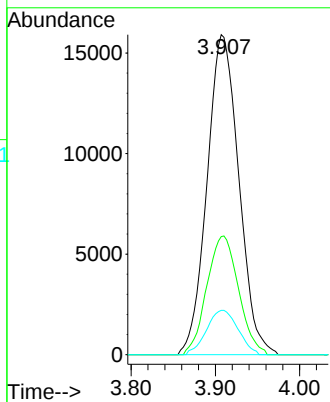
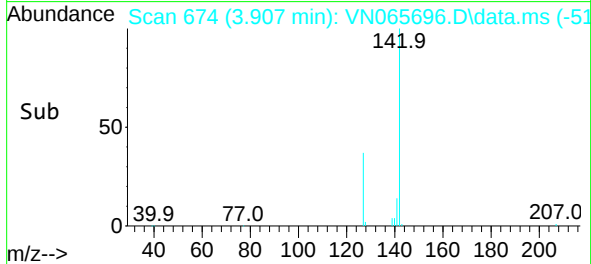




#11
Methyl Iodide
Concen: 16.83 ug/l
RT: 3.907 min Scan# 674
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



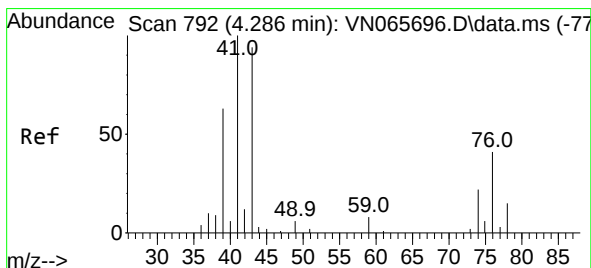
Tgt Ion:142 Resp: 41662
Ion Ratio Lower Upper
142 100
127 36.9 19.1 57.5
141 13.8 7.0 20.9



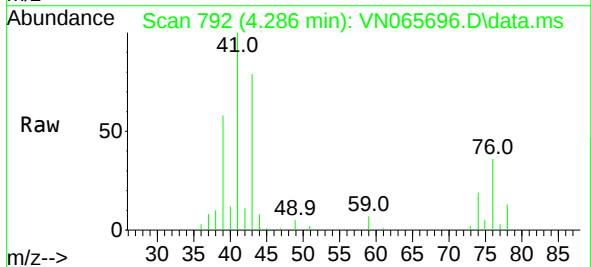
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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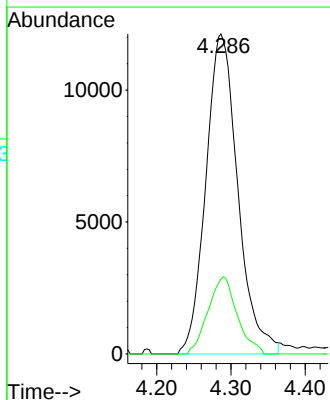
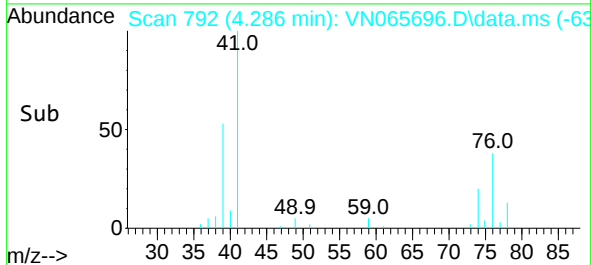
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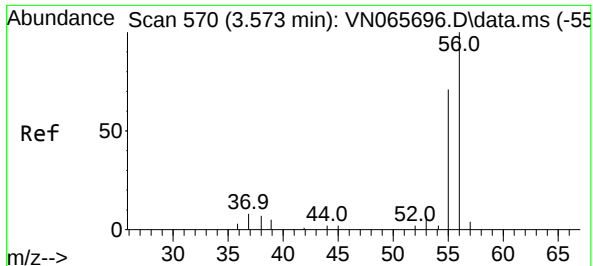


#12
Methyl Acetate
Concen: 22.26 ug/l
RT: 4.286 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



Tgt Ion: 43 Resp: 36303
Ion Ratio Lower Upper
43 100
74 23.8 19.9 29.9





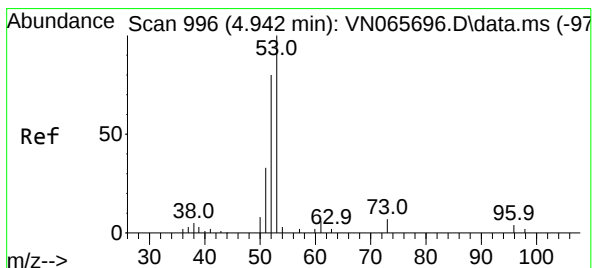
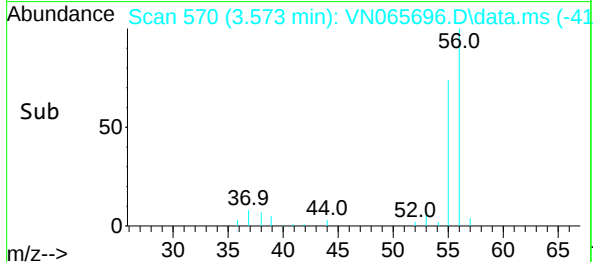
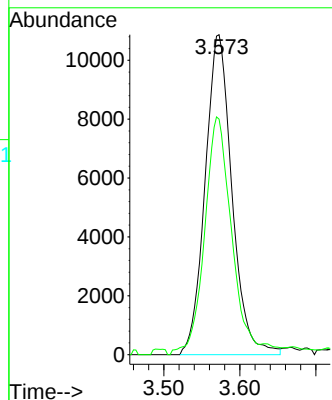
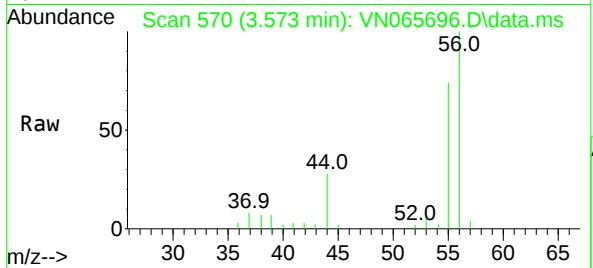
#13
Acrolein
Concen: 98.98 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 56 Resp: 26693
Ion Ratio Lower Upper
56 100
55 73.5 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

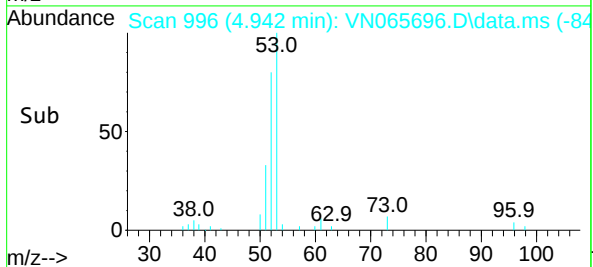
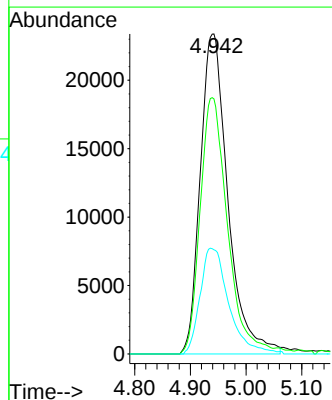
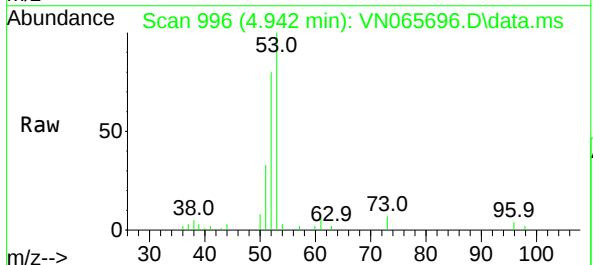
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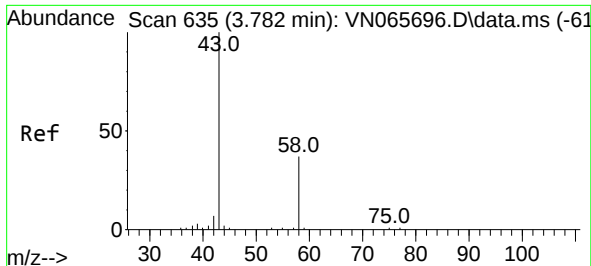
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2/4/2021 10:33:11 AM



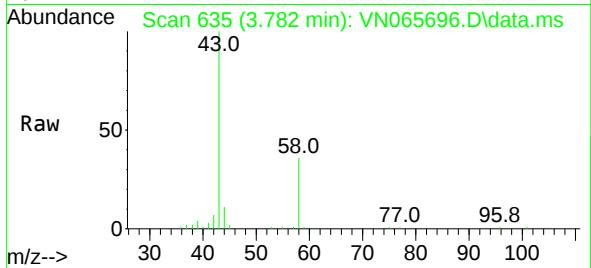
#14
Acrylonitrile
Concen: 109.30 ug/l
RT: 4.942 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 53 Resp: 80443
Ion Ratio Lower Upper
53 100
52 79.2 40.7 122.1
51 34.4 18.3 54.8

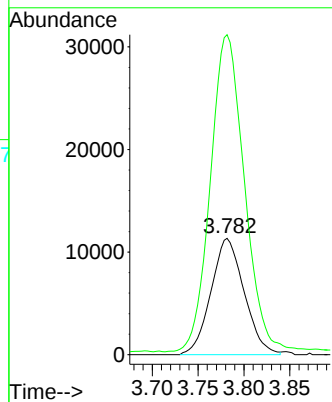
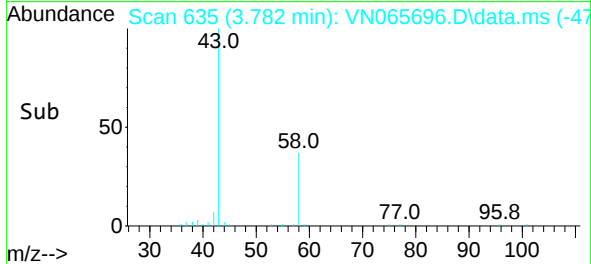




#15
Acetone
Concen: 122.71 ug/l
RT: 3.782 min Scan# 635
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



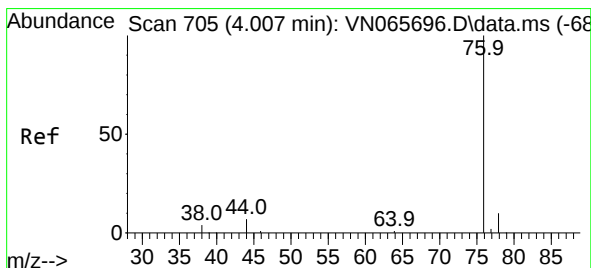
Tgt Ion: 58 Resp: 28536
Ion Ratio Lower Upper
58 100
43 270.3 203.4 305.0



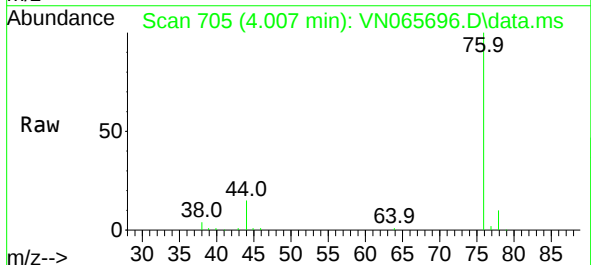
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

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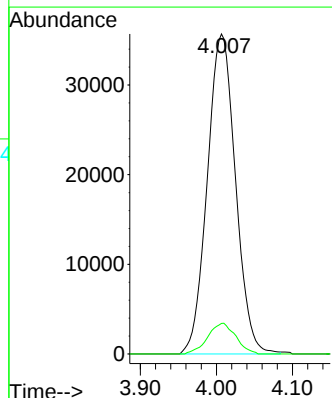
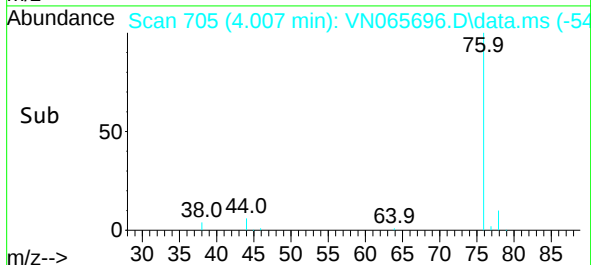
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2/4/2021 10:33:11 AM

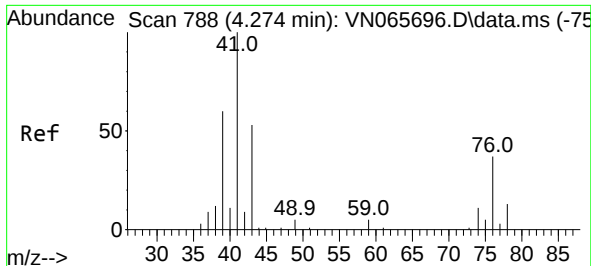


#16
Carbon Disulfide
Concen: 22.39 ug/l
RT: 4.007 min Scan# 705
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



Tgt Ion: 76 Resp: 92053
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8





#17

Allyl chloride

Concen: 22.98 ug/l

RT: 4.274 min Scan# 788

Delta R.T. 0.000 min

Lab File: VN065696.D

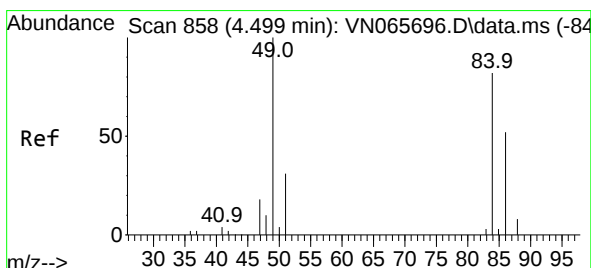
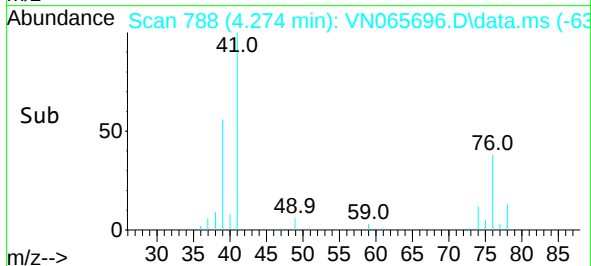
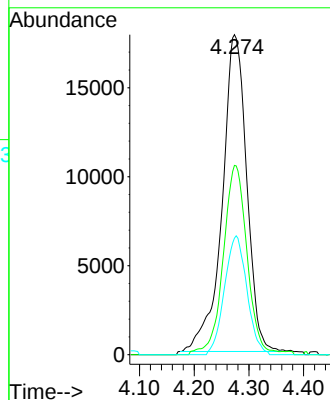
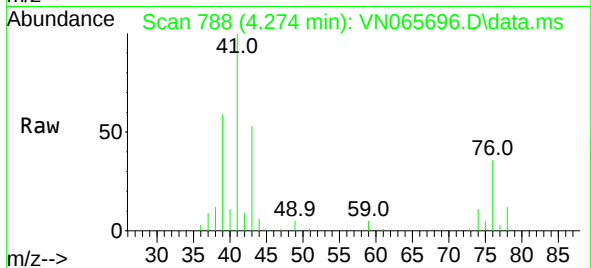
Acq: 3 Feb 2021 13:14

Tgt Ion:	41	Resp:	55396
Ion	Ratio	Lower	Upper
41	100		
39	59.8	33.5	100.5
76	36.8	20.3	60.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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#18

Methylene Chloride

Concen: 19.93 ug/l

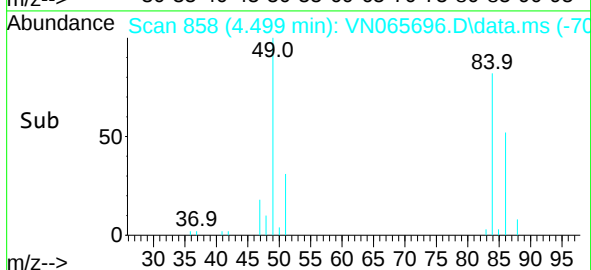
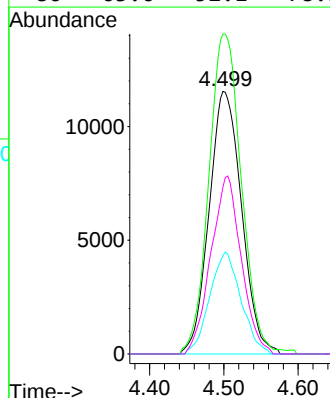
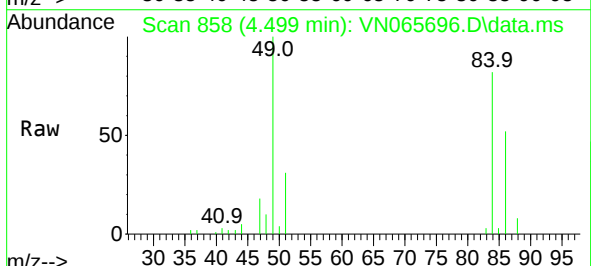
RT: 4.499 min Scan# 858

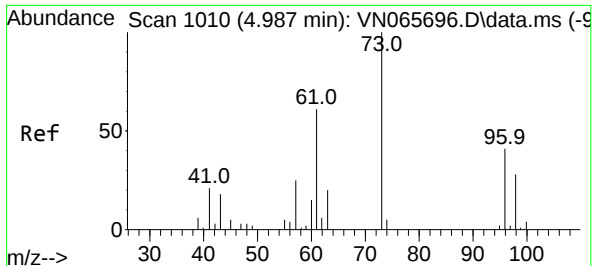
Delta R.T. 0.000 min

Lab File: VN065696.D

Acq: 3 Feb 2021 13:14

Tgt Ion:	84	Resp:	35071
Ion	Ratio	Lower	Upper
84	100		
49	121.8	91.3	136.9
51	37.4	28.8	43.2
86	63.6	52.1	78.1





#19

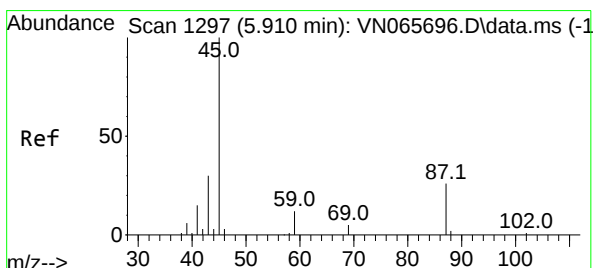
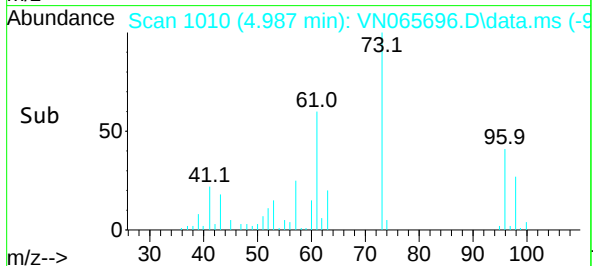
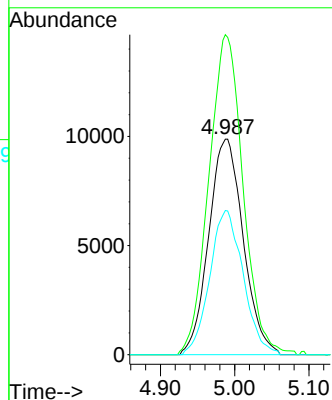
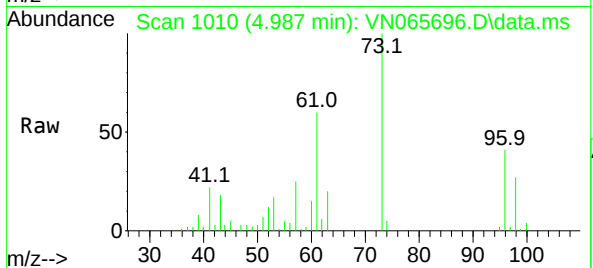
trans-1,2-Dichloroethene
Concen: 19.59 ug/l
RT: 4.987 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 96 Resp: 31959
Ion Ratio Lower Upper
96 100
61 146.9 106.2 159.2
98 66.9 52.4 78.6

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

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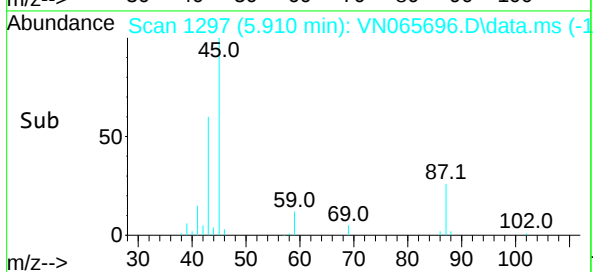
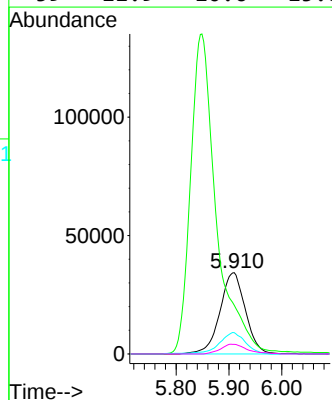
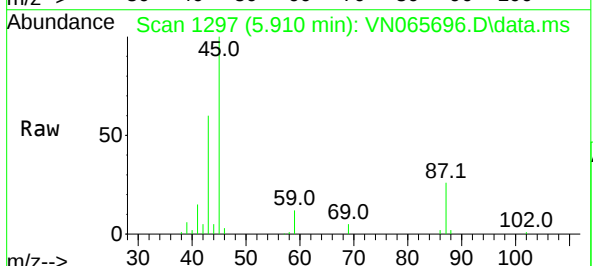
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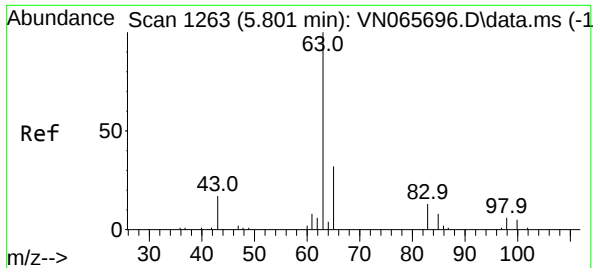


#20

Diisopropyl ether
Concen: 22.94 ug/l
RT: 5.910 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 45 Resp: 115012
Ion Ratio Lower Upper
45 100
43 56.7 50.4 75.6
87 26.2 24.5 36.7
59 11.9 10.6 15.8





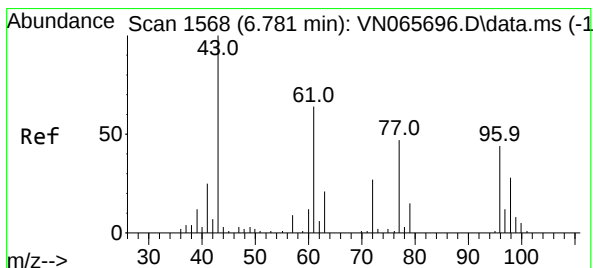
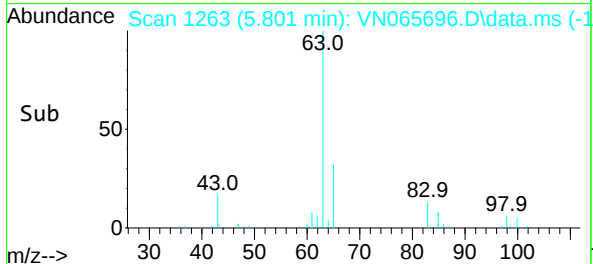
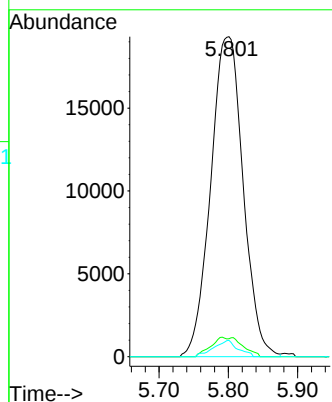
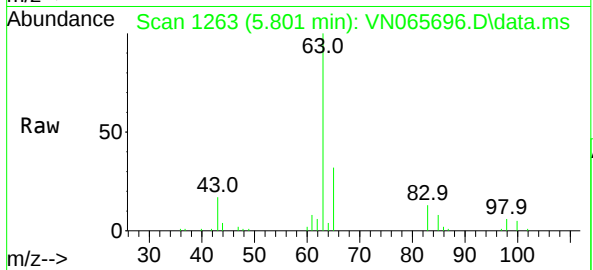
#21
1,1-Dichloroethane
Concen: 21.38 ug/l
RT: 5.801 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 63	Resp: 62765
Ion Ratio	Lower Upper
63 100	
98 5.6	3.3 9.9
100 5.1	2.3 6.8

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

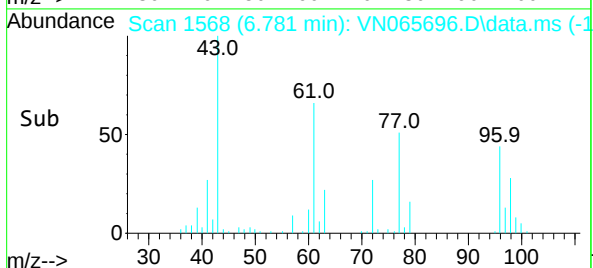
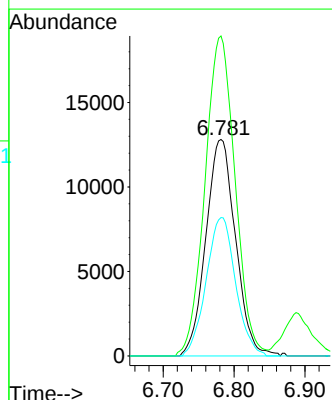
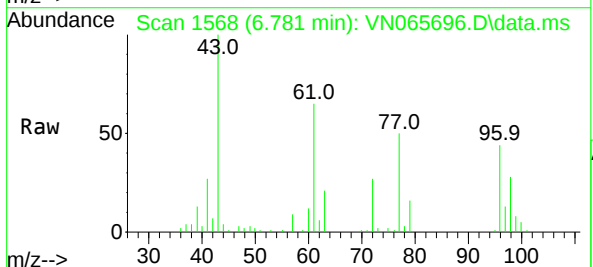
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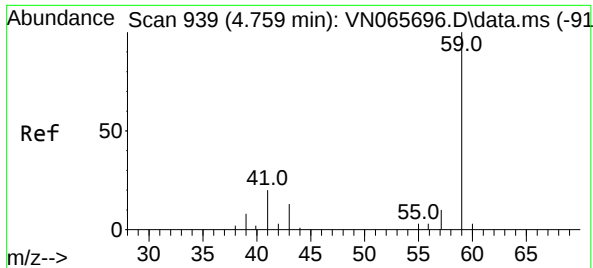
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#22
cis-1,2-Dichloroethene
Concen: 19.64 ug/l
RT: 6.781 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 96	Resp: 37270		
Ion Ratio	Lower	Upper	
96	100		
61	149.9	112.5	168.7
98	63.4	52.2	78.2





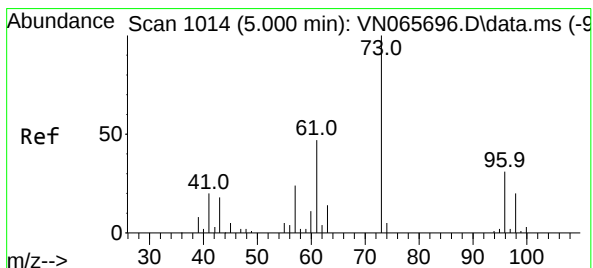
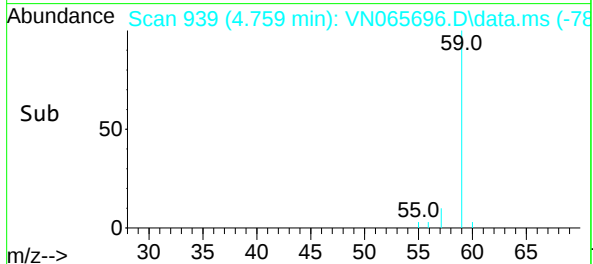
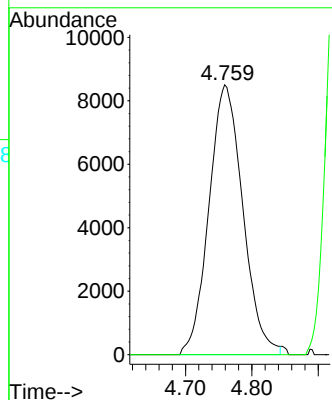
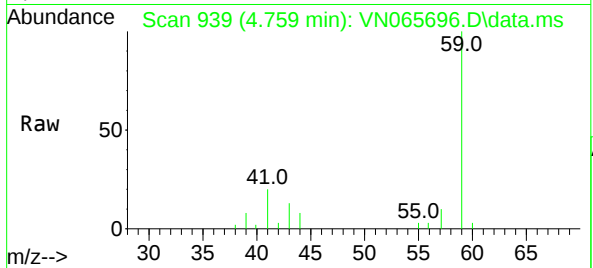
#23
tert-Butyl Alcohol
Concen: 127.02 ug/l
RT: 4.759 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 59 Resp: 30193
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

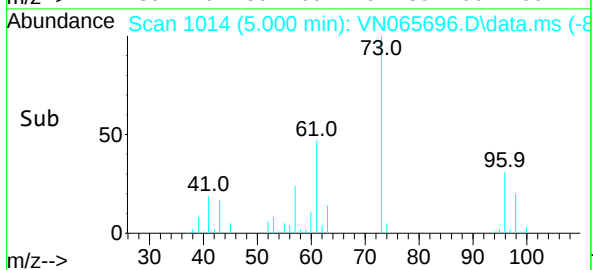
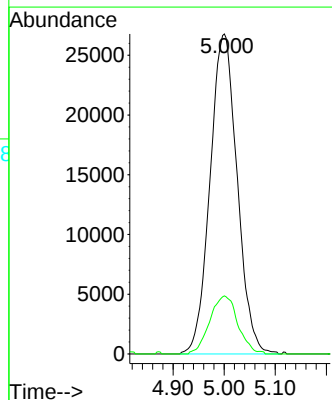
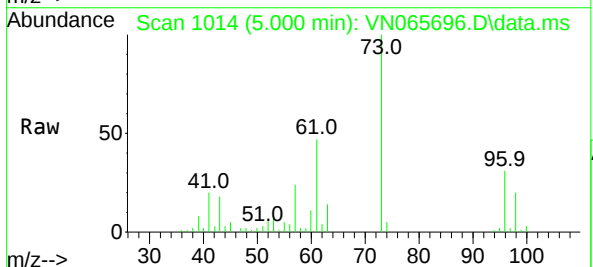
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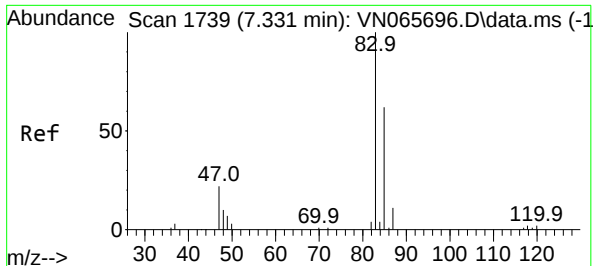
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#24
Methyl tert-Butyl Ether
Concen: 20.50 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 73 Resp: 98762
Ion Ratio Lower Upper
73 100
43 18.7 15.4 23.2





#25

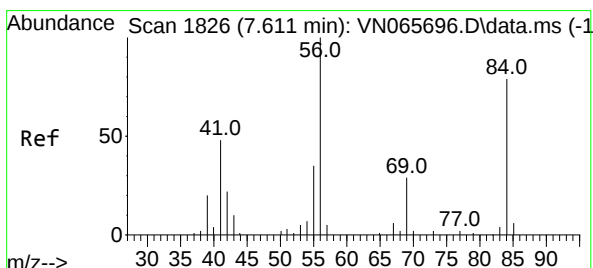
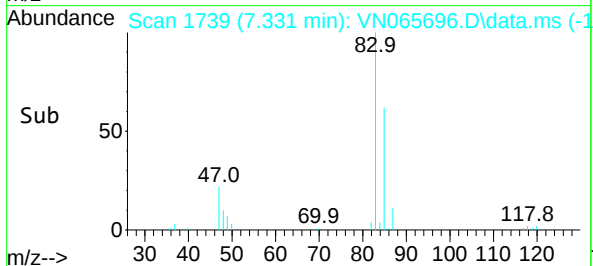
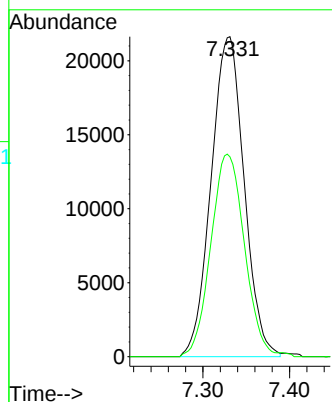
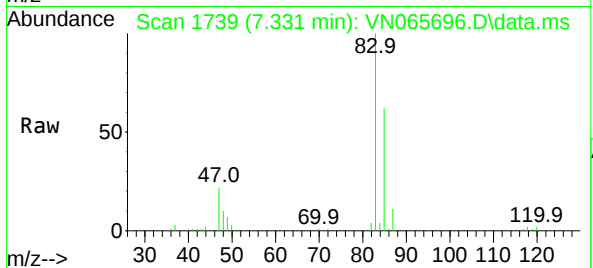
Chloroform
Concen: 19.38 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 83 Resp: 57349
Ion Ratio Lower Upper
83 100
85 62.5 53.0 79.4

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Manual Integrations
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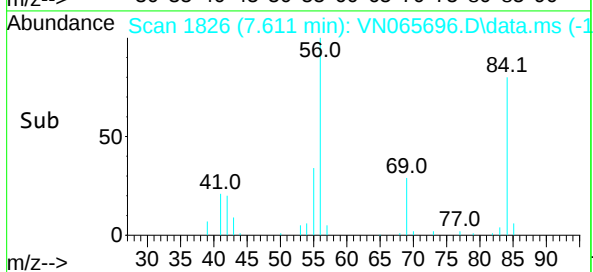
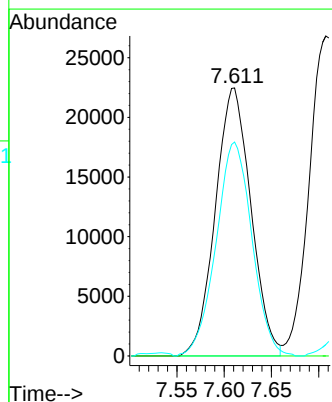
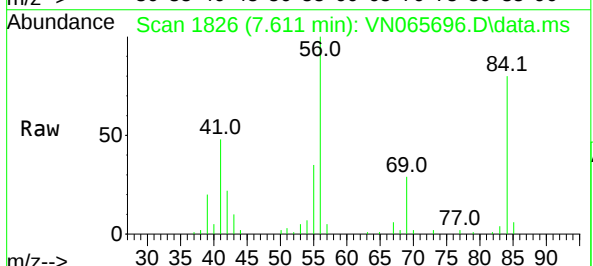
MMDadoda
2/4/2021 10:33:11 AM

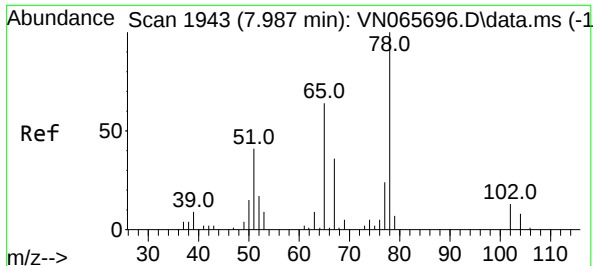


#26

Cyclohexane
Concen: 23.15 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 56 Resp: 58834
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 80.4 72.8 109.2





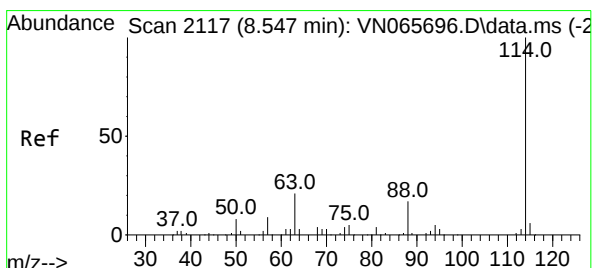
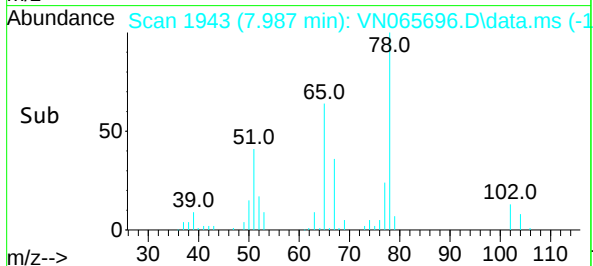
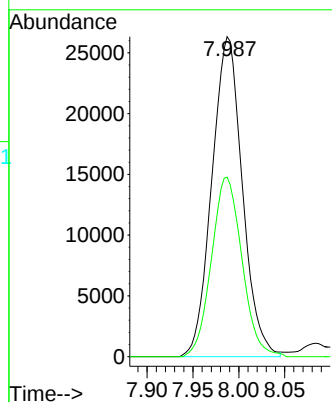
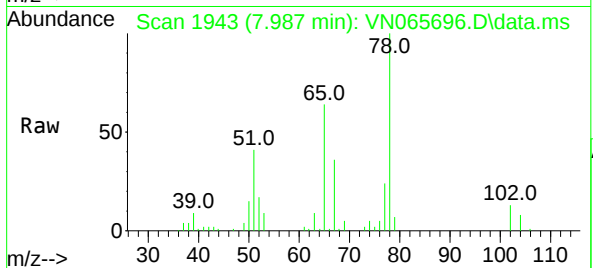
#27
1,2-Dichloroethane-d4
Concen: 32.96 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 65 Resp: 60826
Ion Ratio Lower Upper
65 100
67 56.1 42.8 64.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

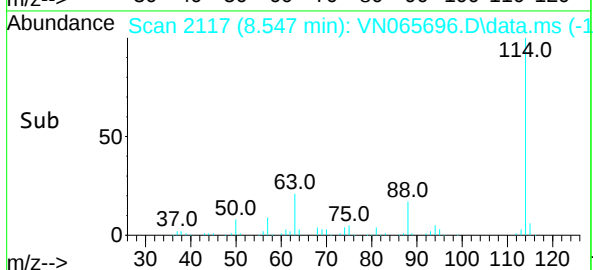
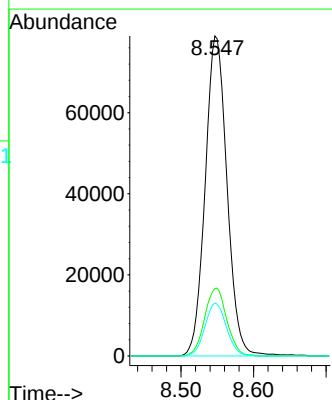
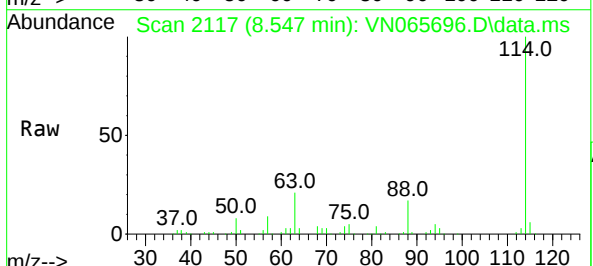
Manual Integrations
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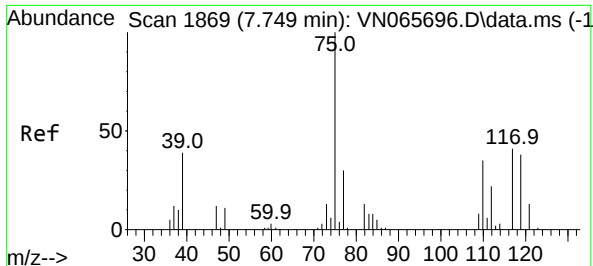
MMDadoda
2/4/2021 10:33:11 AM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 114 Resp: 165025
Ion Ratio Lower Upper
114 100
63 21.5 14.7 22.1
88 16.3 11.7 17.5





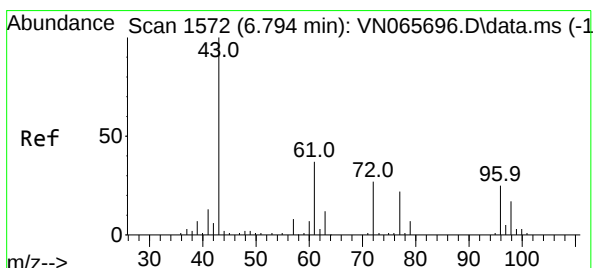
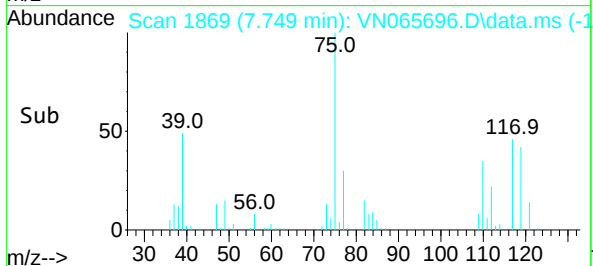
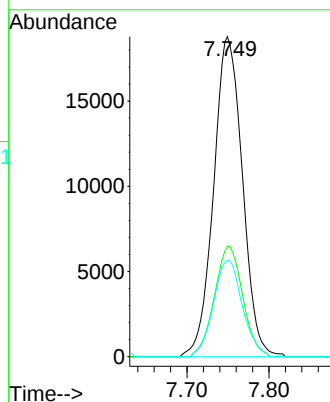
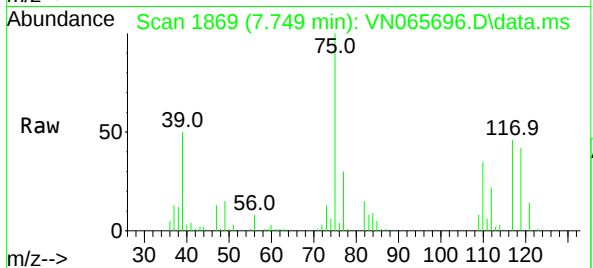
#29
1,1-Dichloropropene
Concen: 19.15 ug/l
RT: 7.749 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 75 Resp: 45797
Ion Ratio Lower Upper
75 100
110 33.9 0.0 74.2
77 30.4 0.0 61.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

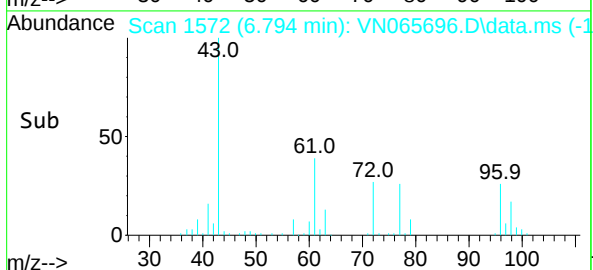
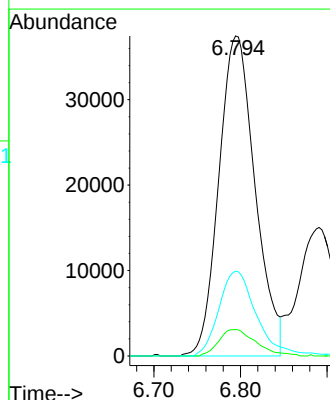
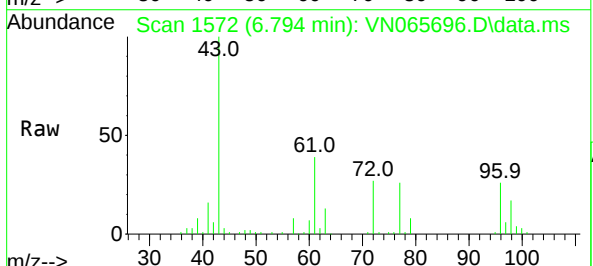
Manual Integrations
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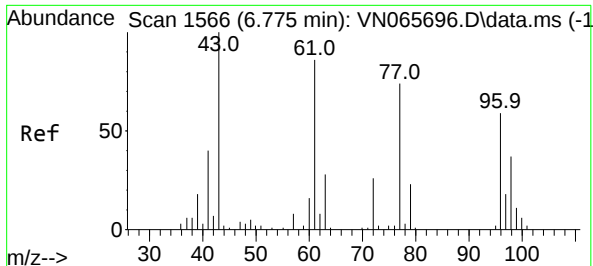
MMDadoda
2/4/2021 10:33:11 AM



#30
2-Butanone
Concen: 110.28 ug/l
RT: 6.794 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 43 Resp: 108819
Ion Ratio Lower Upper
43 100
57 8.5 7.0 10.4
72 27.2 23.6 35.4





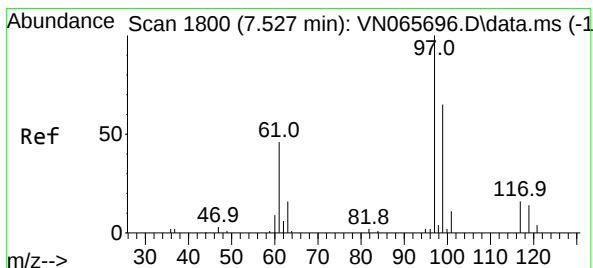
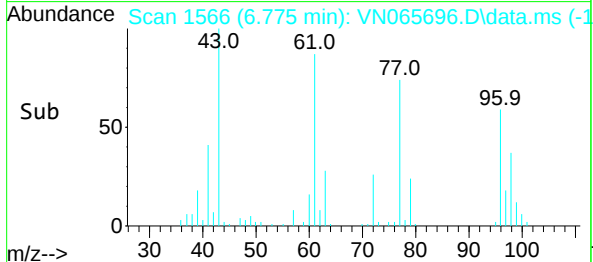
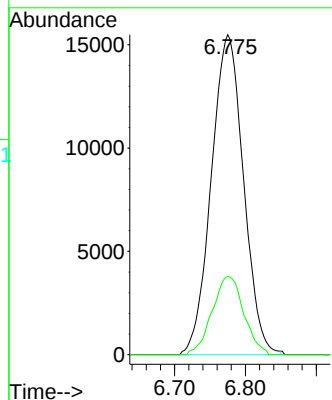
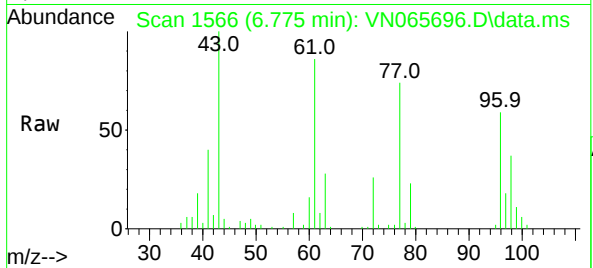
#31
2,2-Dichloropropane
Concen: 19.74 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 77 Resp: 48881
Ion Ratio Lower Upper
77 100
97 24.0 19.0 28.4

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

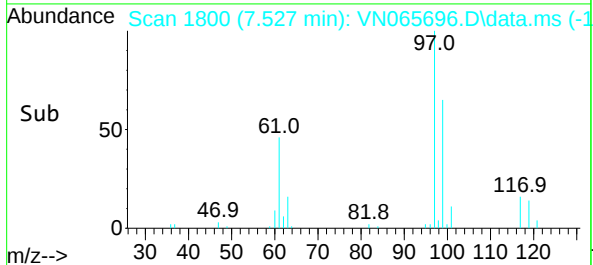
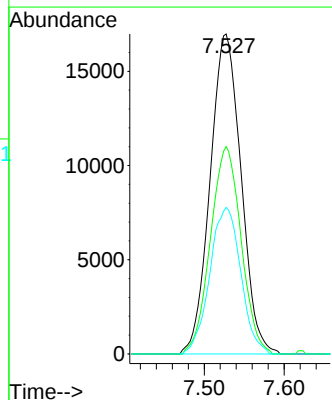
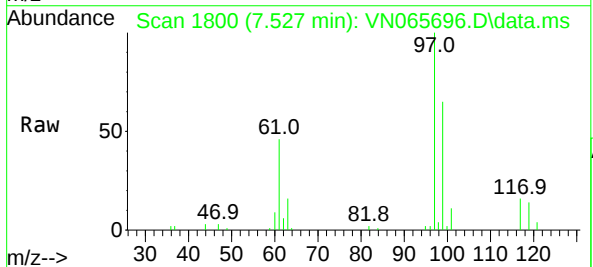
Manual Integrations
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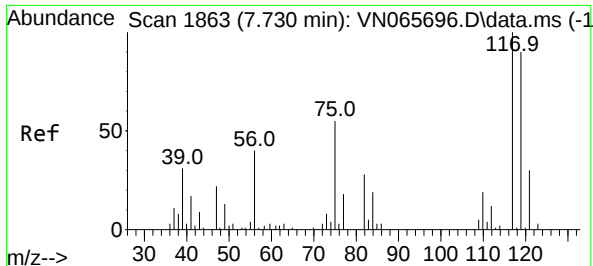
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#32
1,1,1-Trichloroethane
Concen: 17.35 ug/l
RT: 7.527 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 97 Resp: 45641
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 45.8 34.7 52.1





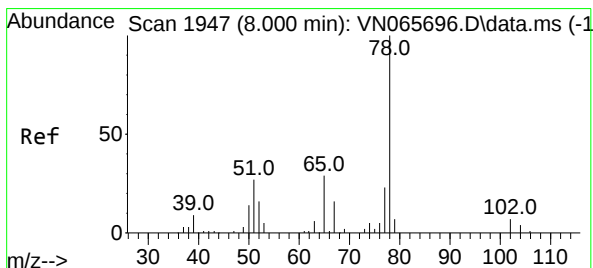
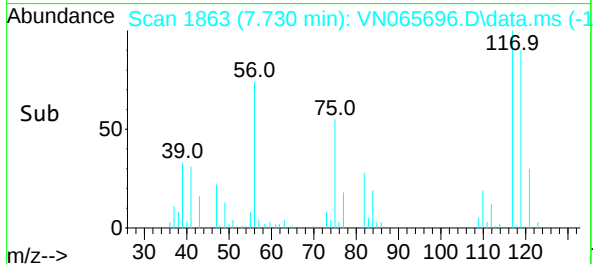
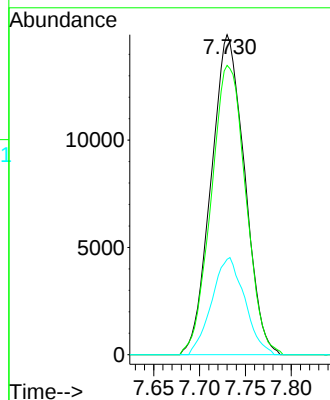
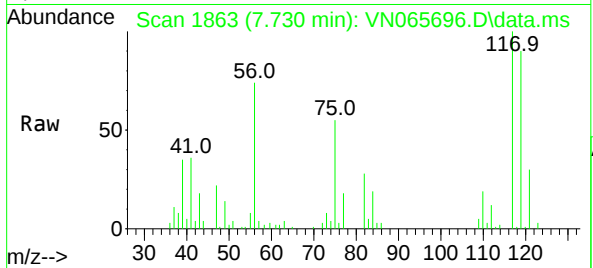
#33
Carbon Tetrachloride
Concen: 16.45 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:117 Resp: 37809
Ion Ratio Lower Upper
117 100
119 90.4 77.0 115.4
121 29.8 24.8 37.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

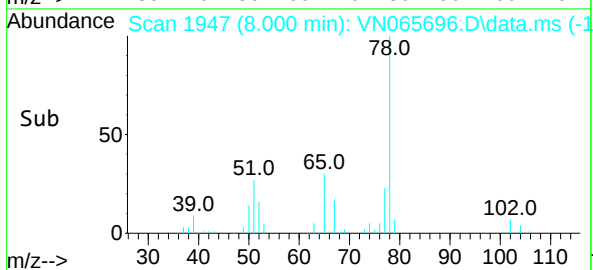
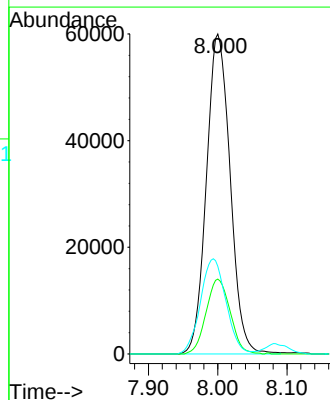
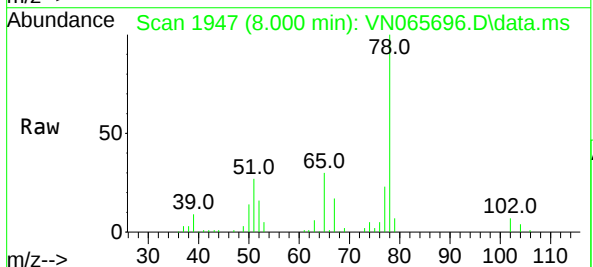
Manual Integrations
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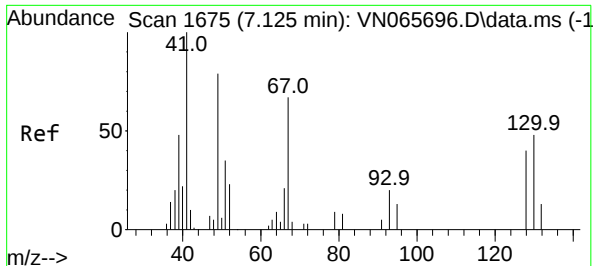
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#34
Benzene
Concen: 19.44 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 78 Resp: 142905
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6
51 27.1 22.1 33.1





#35

Methacrylonitrile

Concen: 20.05 ug/l

RT: 7.125 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN065696.D

Acq: 3 Feb 2021 13:14

Tgt Ion: 41 Resp: 19907

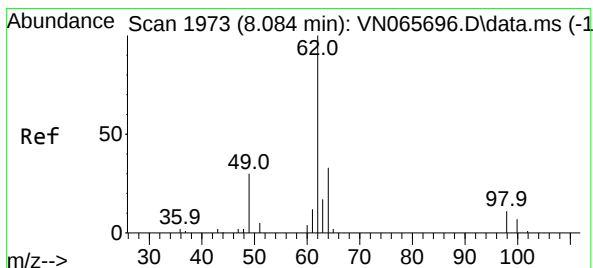
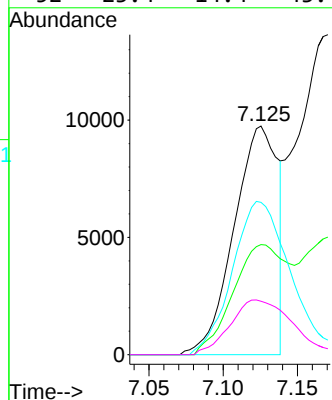
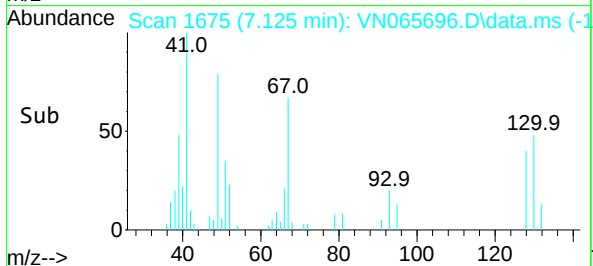
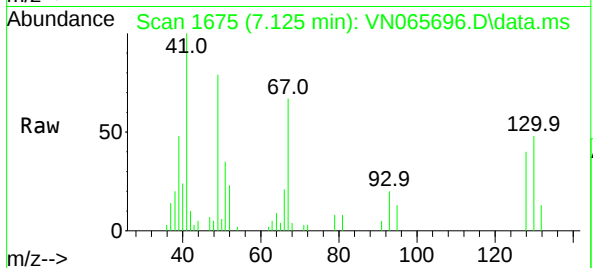
Ion Ratio Lower Upper

41 100

39 48.2 26.8 80.3

67 66.6 38.0 113.9

52 23.4 14.4 43.4



#36

1,2-Dichloroethane

Concen: 18.35 ug/l

RT: 8.084 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VN065696.D

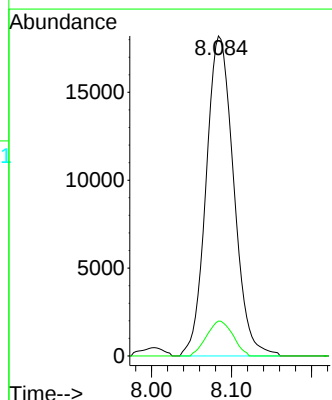
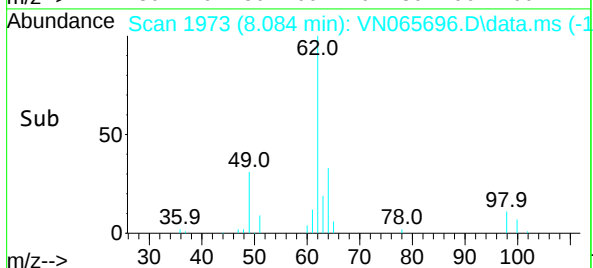
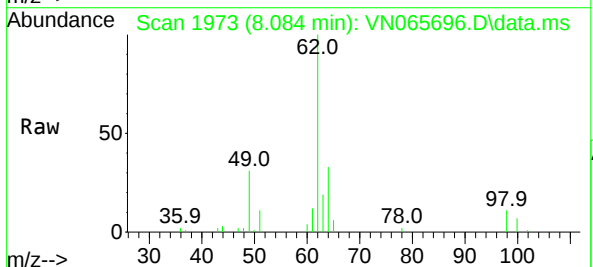
Acq: 3 Feb 2021 13:14

Tgt Ion: 62 Resp: 43536

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.2



Instrument :

MSVOA_N

ClientSampleId :

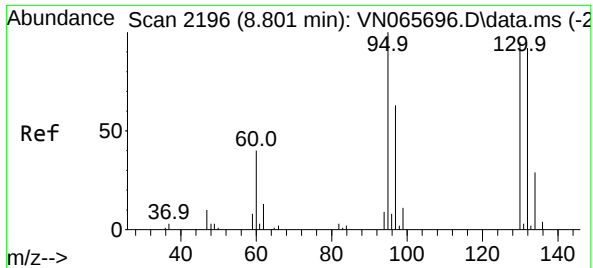
VSTDICCC020

Manual Integrations

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#37

Trichloroethene

Concen: 16.35 ug/l

RT: 8.801 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VN065696.D

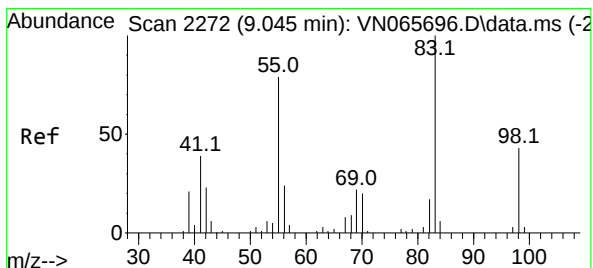
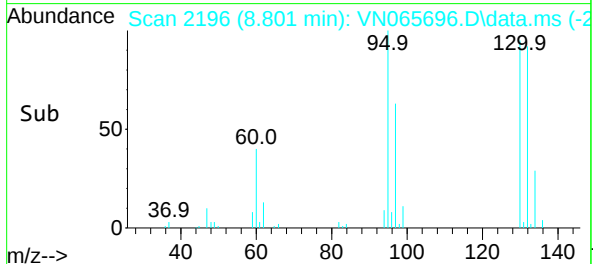
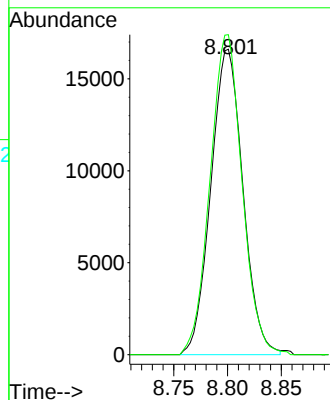
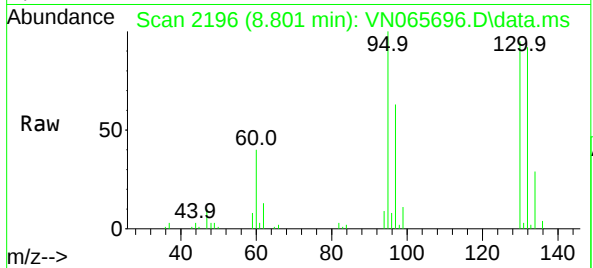
Acq: 3 Feb 2021 13:14

Tgt Ion:130 Resp: 34508

Ion Ratio Lower Upper

130 100

95 104.8 74.0 111.0



#38

Methylcyclohexane

Concen: 19.43 ug/l

RT: 9.045 min Scan# 2272

Delta R.T. 0.000 min

Lab File: VN065696.D

Acq: 3 Feb 2021 13:14

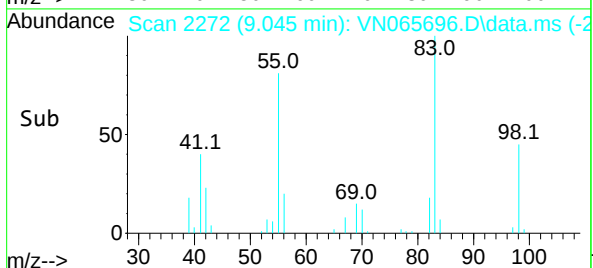
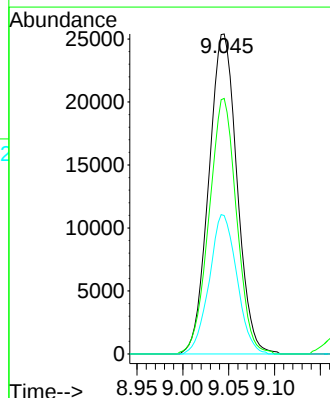
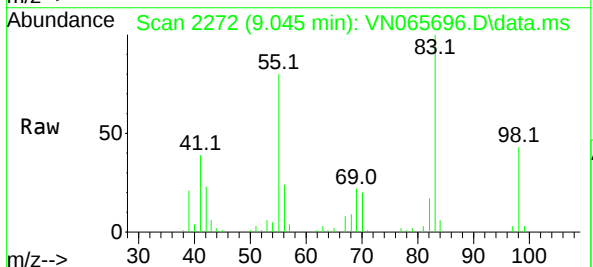
Tgt Ion: 83 Resp: 54295

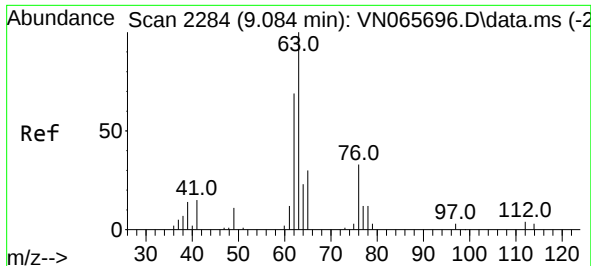
Ion Ratio Lower Upper

83 100

55 78.1 37.2 111.6

98 42.6 23.8 71.4





#39

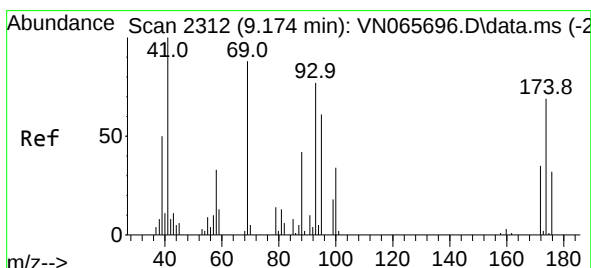
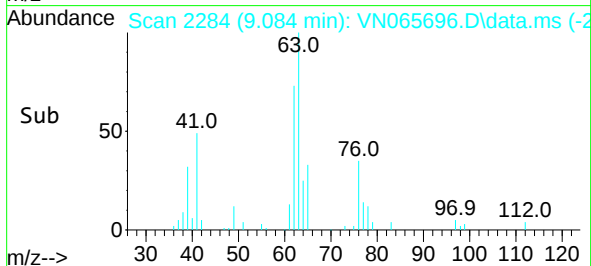
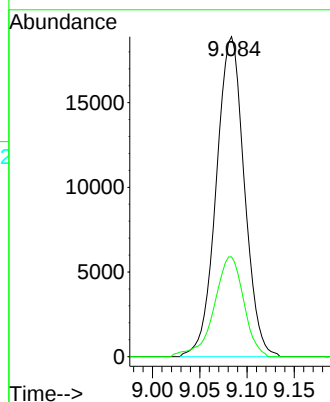
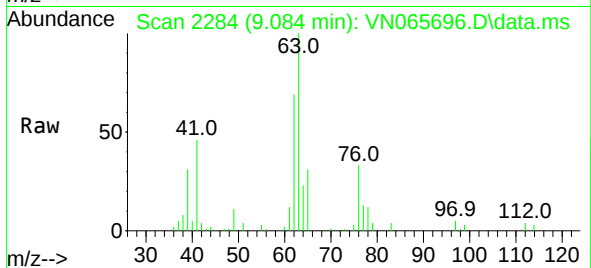
1,2-Dichloropropane
Concen: 20.32 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 63 Resp: 39068
Ion Ratio Lower Upper
63 100
65 31.2 24.1 36.1

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Manual Integrations
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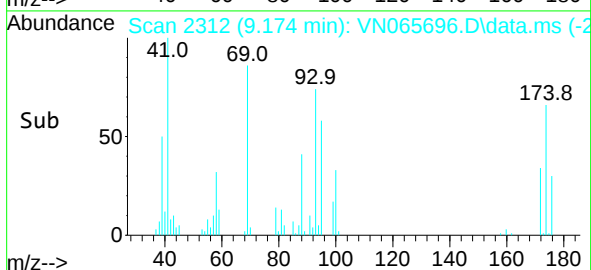
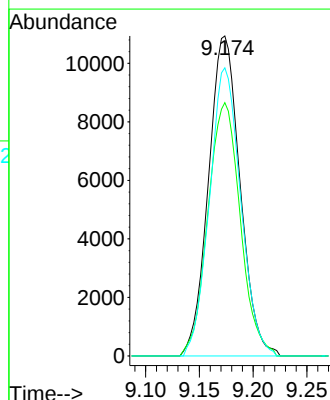
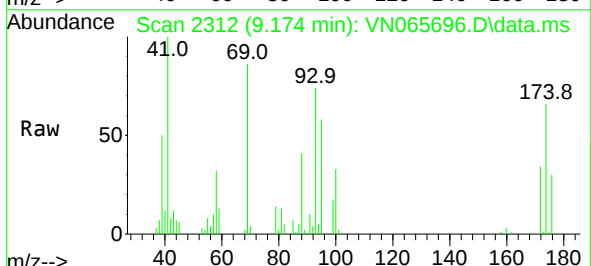
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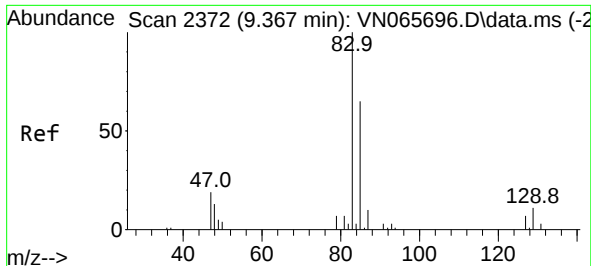


#40

Dibromomethane
Concen: 17.87 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 93 Resp: 22323
Ion Ratio Lower Upper
93 100
95 81.0 0.0 168.6
174 89.1 0.0 246.4





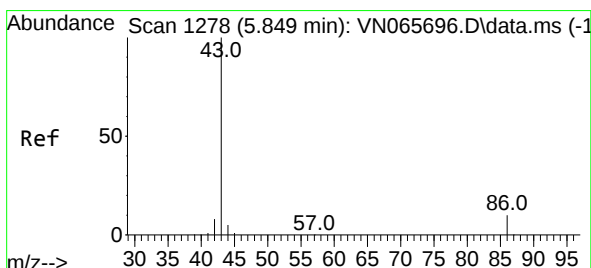
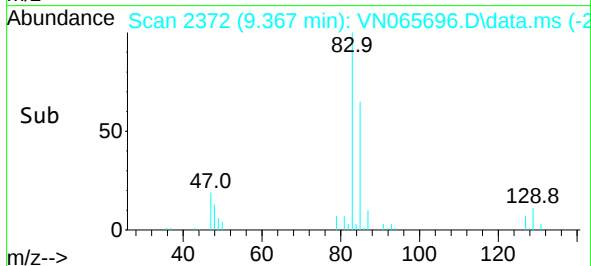
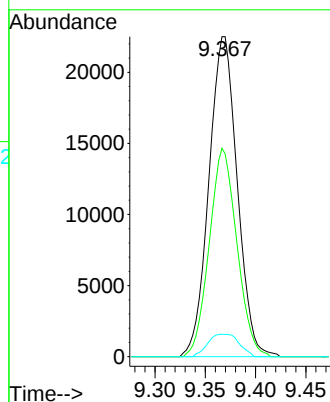
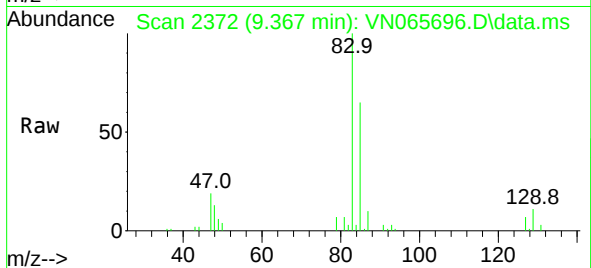
#41
Bromodichloromethane
Concen: 18.09 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 83 Resp: 44157
Ion Ratio Lower Upper
83 100
85 65.1 50.7 76.1
127 7.0 7.5 11.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

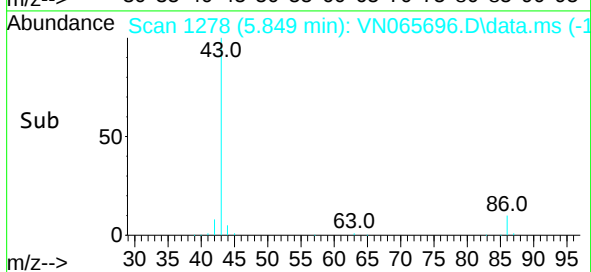
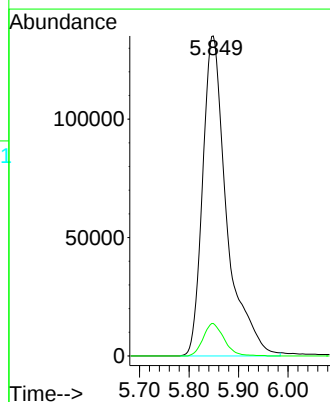
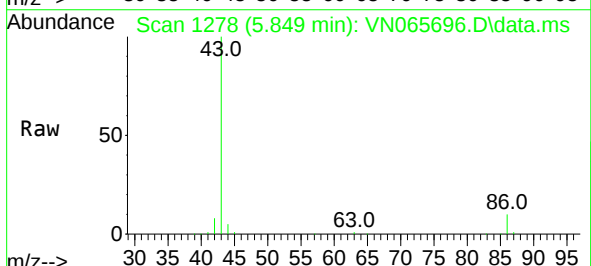
Manual Integrations
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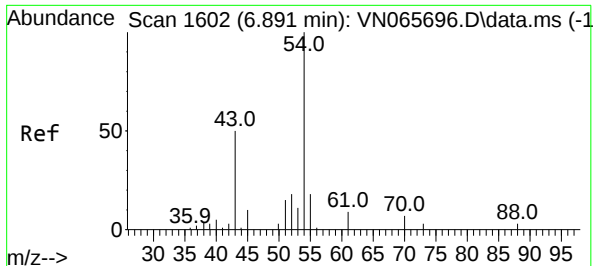
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#42
Vinyl Acetate
Concen: 107.06 ug/l
RT: 5.849 min Scan# 1278
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 43 Resp: 457081
Ion Ratio Lower Upper
43 100
86 8.8 7.9 11.9





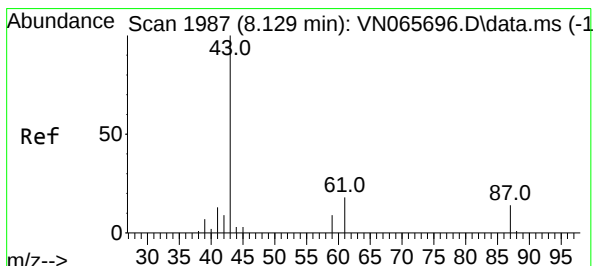
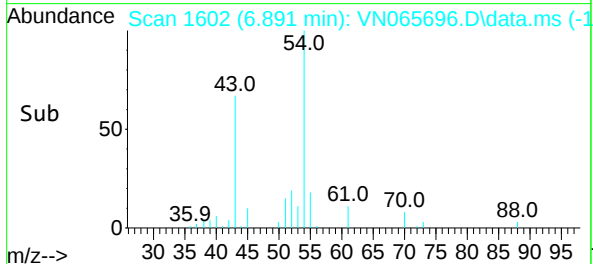
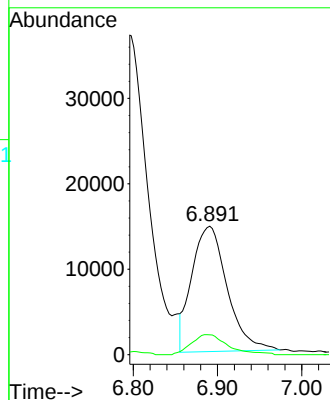
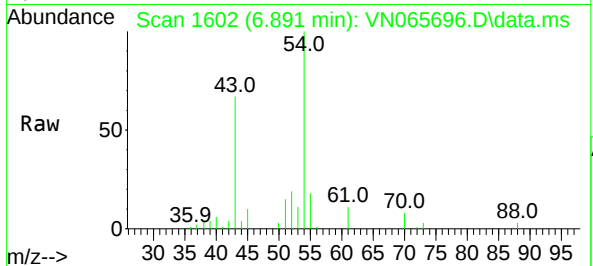
#43
Ethyl Acetate
Concen: 20.50 ug/l
RT: 6.891 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 43 Resp: 42851
Ion Ratio Lower Upper
43 100
45 16.5 12.9 19.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

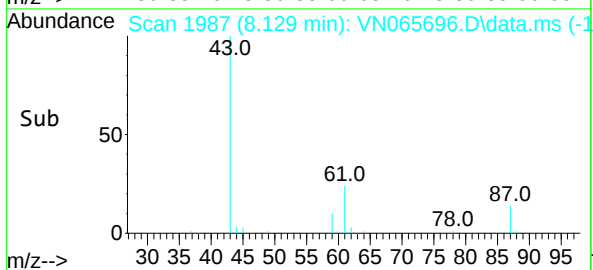
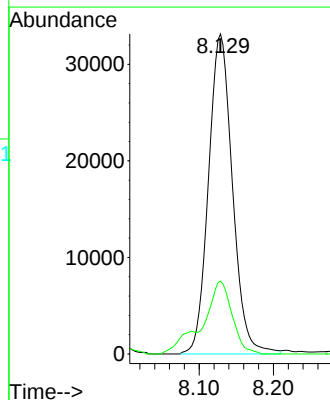
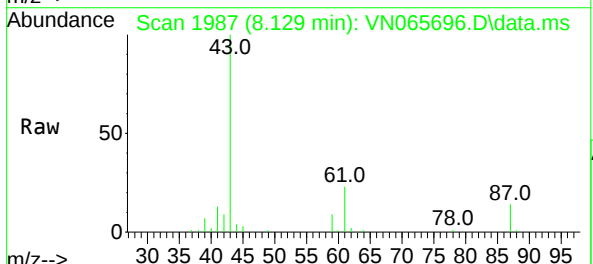
Manual Integrations
APPROVED

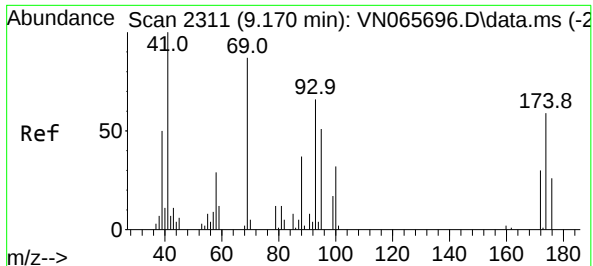
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#44
Isopropyl Acetate
Concen: 21.22 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 43 Resp: 74345
Ion Ratio Lower Upper
43 100
61 22.1 16.8 25.2





#45

1,4-Dioxane

Concen: 497.95 ug/l

RT: 9.170 min Scan# 2311

Delta R.T. 0.000 min

Lab File: VN065696.D

Acq: 3 Feb 2021 13:14

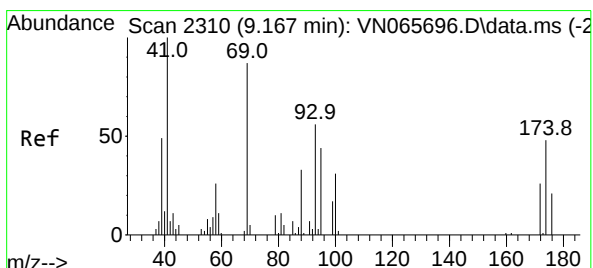
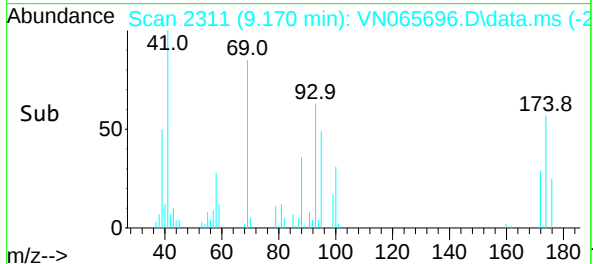
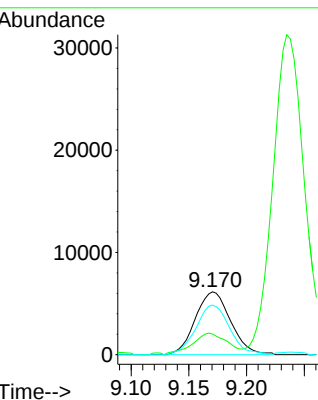
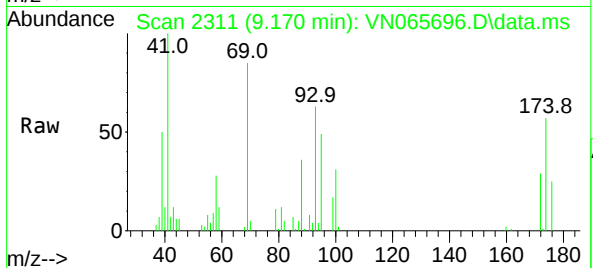
Tgt Ion: 88 Resp: 13021

Ion Ratio Lower Upper

88 100

43 34.1 28.3 42.5

58 75.5 53.8 80.6



#46

Methyl methacrylate

Concen: 20.20 ug/l

RT: 9.167 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN065696.D

Acq: 3 Feb 2021 13:14

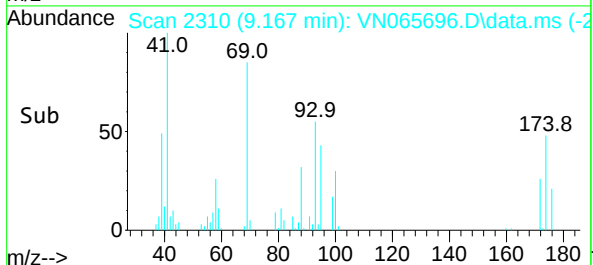
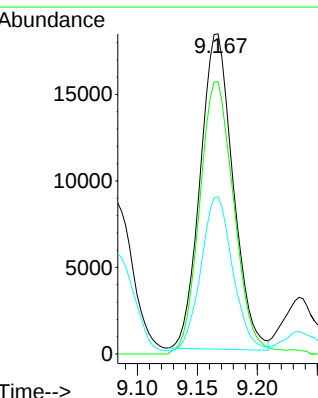
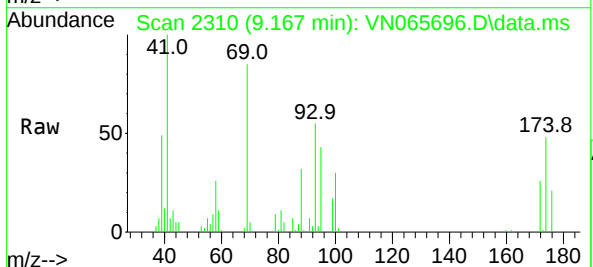
Tgt Ion: 41 Resp: 34685

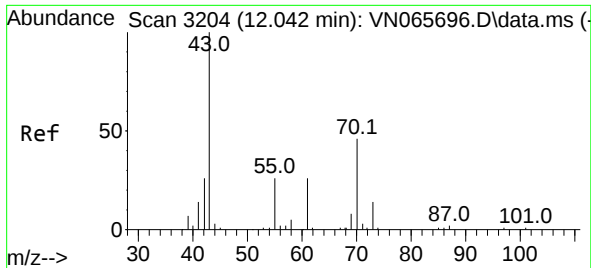
Ion Ratio Lower Upper

41 100

69 86.7 46.3 138.8

39 49.0 26.8 80.3





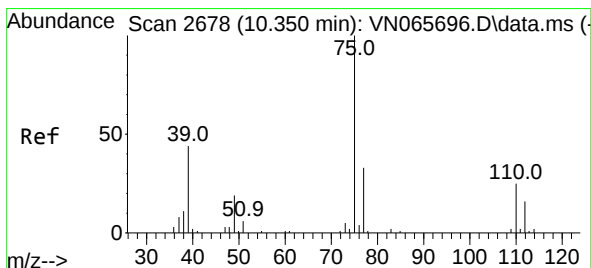
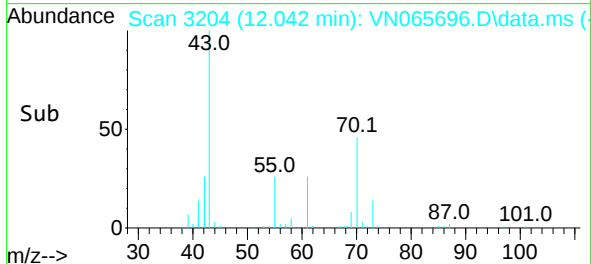
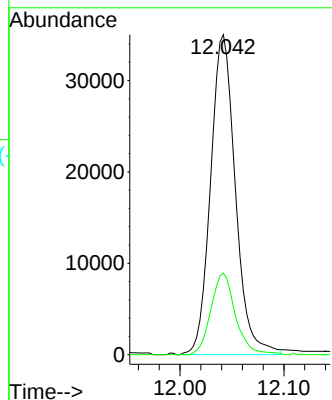
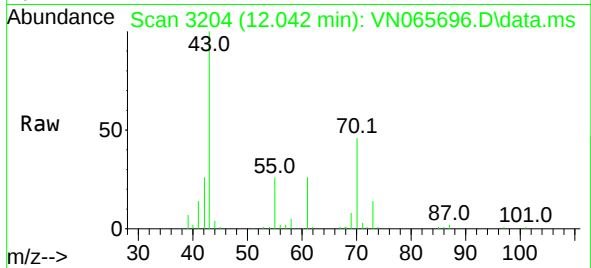
#47
n-amy1 Acetate
Concen: 19.34 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 43 Resp: 58126
Ion Ratio Lower Upper
43 100
55 25.2 21.3 31.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

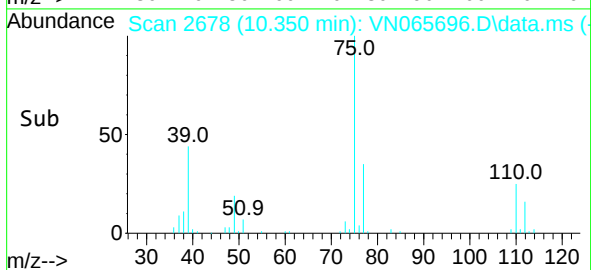
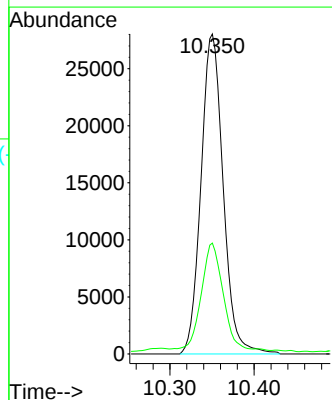
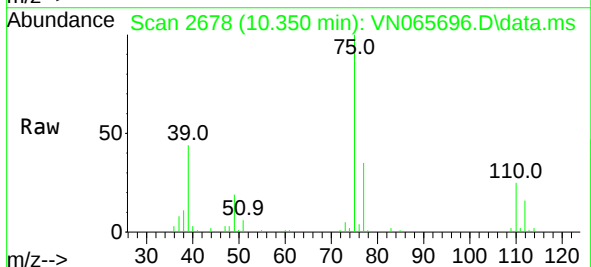
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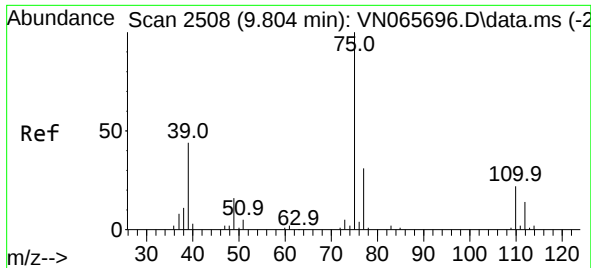
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.67 ug/l
RT: 10.350 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 75 Resp: 51443
Ion Ratio Lower Upper
75 100
77 33.5 26.5 39.7





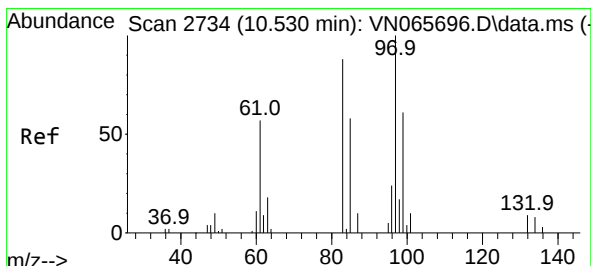
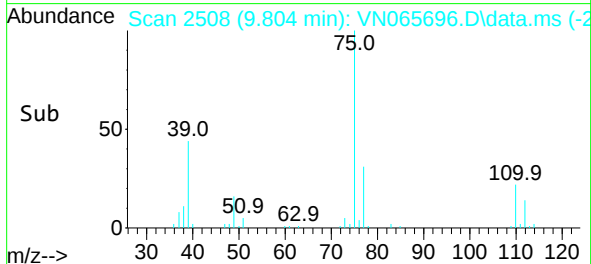
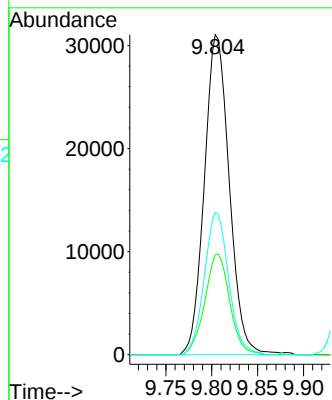
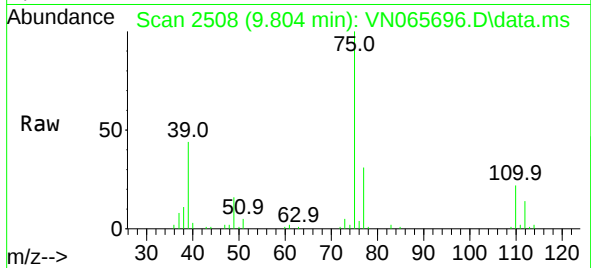
#49
 cis-1,3-Dichloropropene
 Concen: 19.37 ug/l
 RT: 9.804 min Scan# 2508
 Delta R.T. 0.000 min
 Lab File: VN065696.D
 Acq: 3 Feb 2021 13:14

Tgt Ion:	75	Resp:	58739
Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2
39	44.5	34.4	51.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

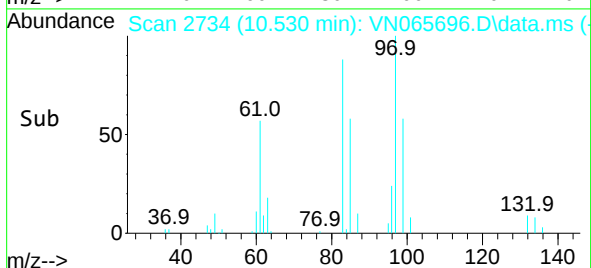
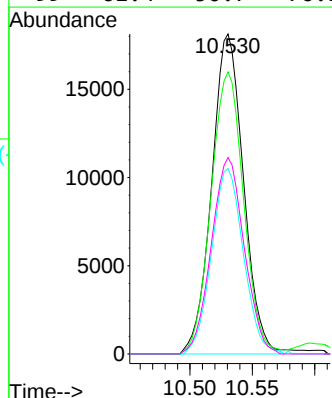
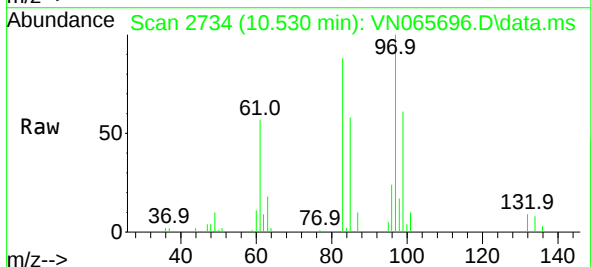
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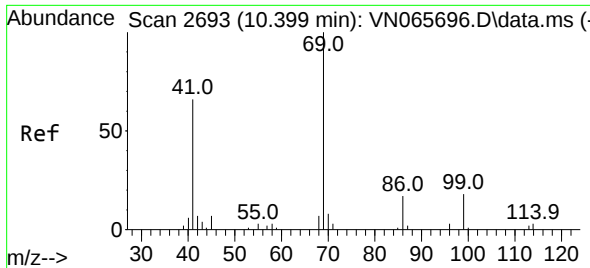
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 17.58 ug/l
 RT: 10.530 min Scan# 2734
 Delta R.T. 0.000 min
 Lab File: VN065696.D
 Acq: 3 Feb 2021 13:14

Tgt Ion:	97	Resp:	32102
Ion	Ratio	Lower	Upper
97	100		
83	88.2	68.4	102.6
85	57.9	42.8	64.2
99	61.4	50.7	76.1





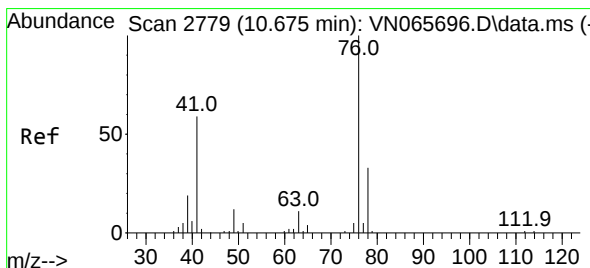
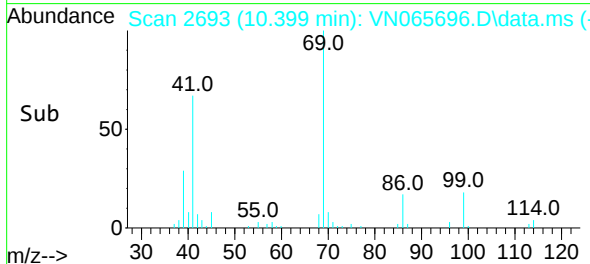
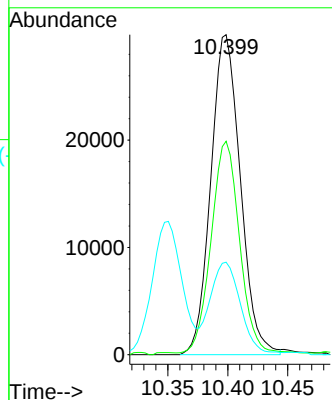
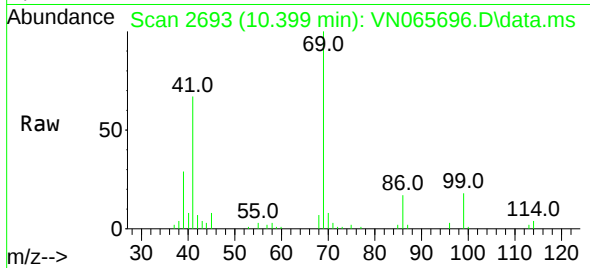
#51
Ethyl methacrylate
Concen: 19.40 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:	69	Resp:	51131
Ion	Ratio	Lower	Upper
69	100		
41	66.1	31.9	95.7
39	28.2	15.6	46.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

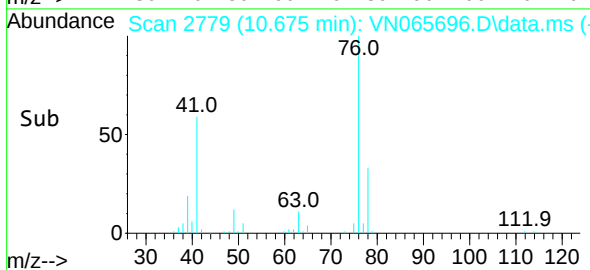
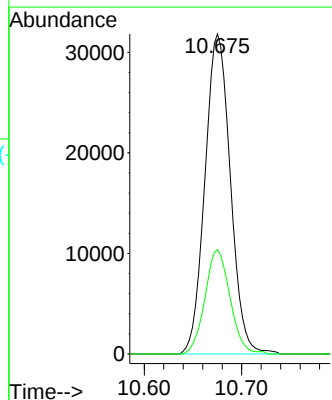
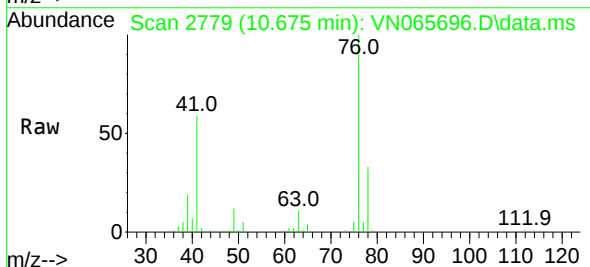
Manual Integrations
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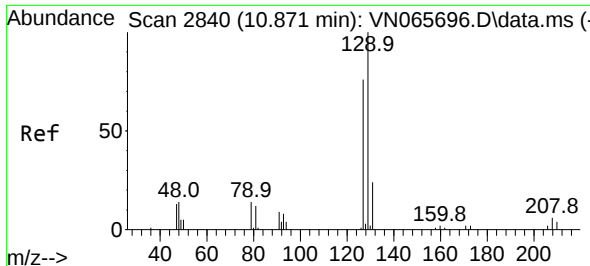
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#52
1,3-Dichloropropane
Concen: 18.78 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

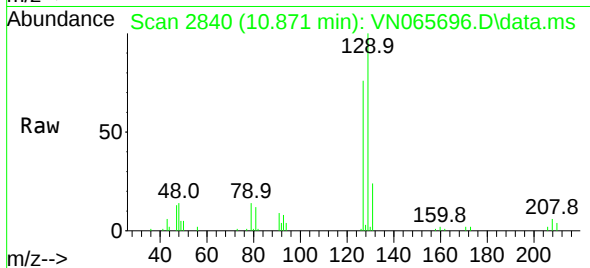
Tgt Ion:	76	Resp:	57750
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	64.2





#53
Dibromochloromethane
Concen: 15.73 ug/l
RT: 10.871 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

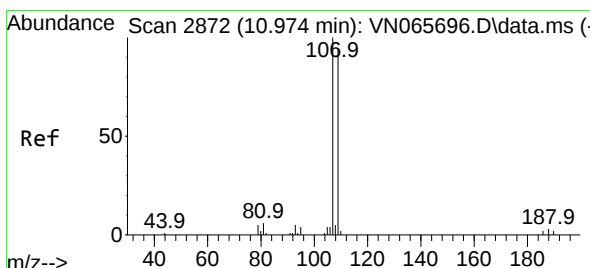
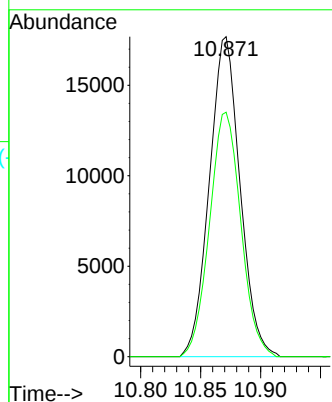
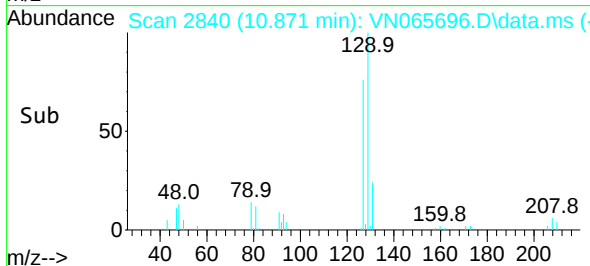
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



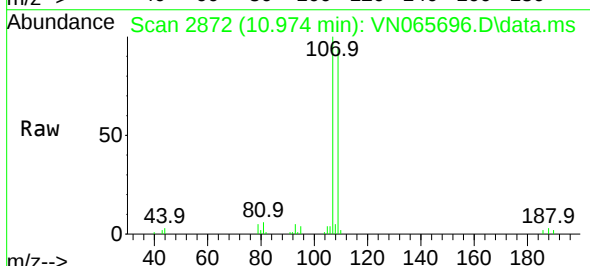
Tgt Ion:129 Resp: 31442
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

Manual Integrations
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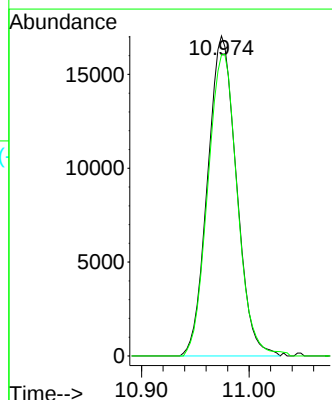
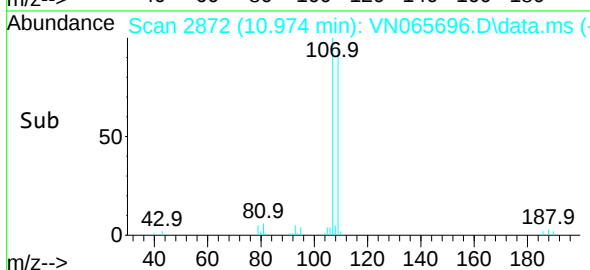
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2/4/2021 10:33:11 AM

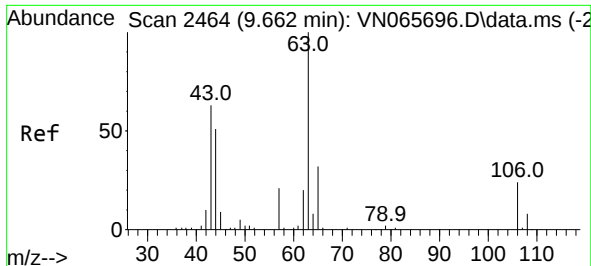


#54
1,2-Dibromoethane
Concen: 16.41 ug/l
RT: 10.974 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



Tgt Ion:107 Resp: 31769
Ion Ratio Lower Upper
107 100
109 96.6 76.6 115.0





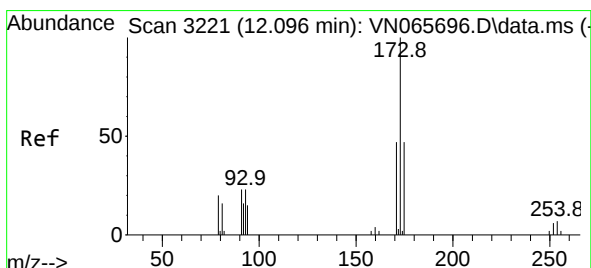
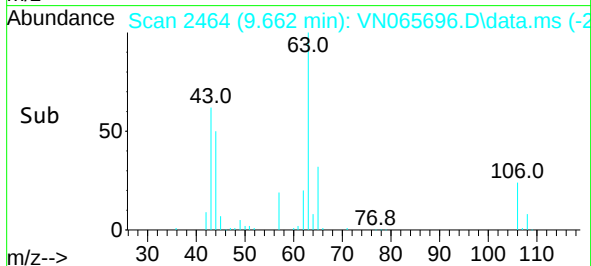
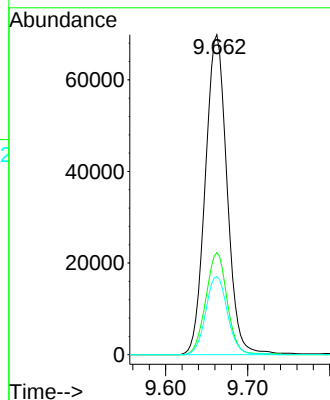
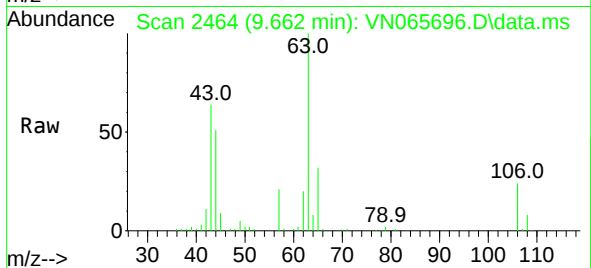
#55
2-Chloroethyl vinyl ether
Concen: 108.26 ug/l
RT: 9.662 min Scan# 2464
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 63 Resp: 128264
Ion Ratio Lower Upper
63 100
65 31.4 25.7 38.5
106 24.4 23.1 34.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

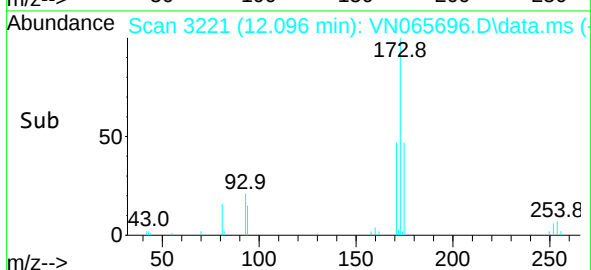
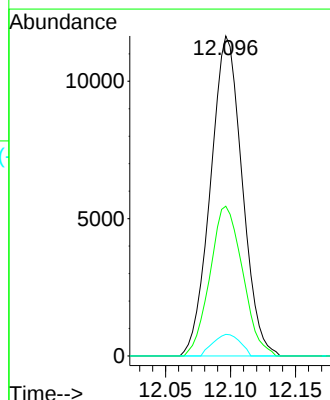
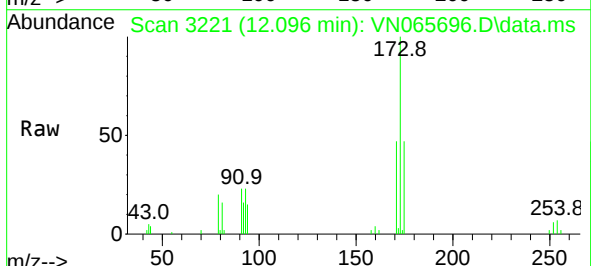
Manual Integrations
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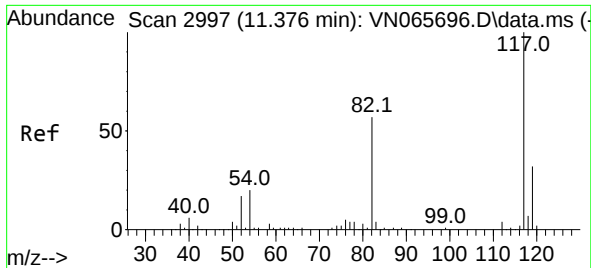
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#56
Bromoform
Concen: 13.00 ug/l
RT: 12.096 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 173 Resp: 19732
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.4
254 5.8 9.8 14.8#





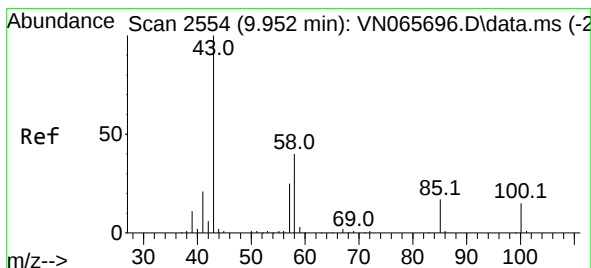
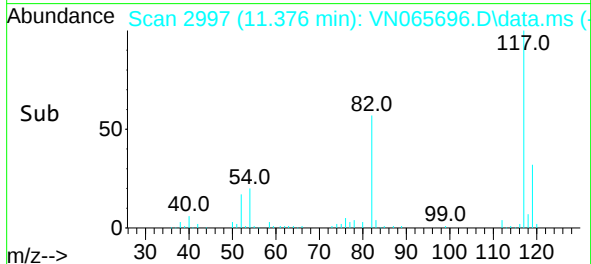
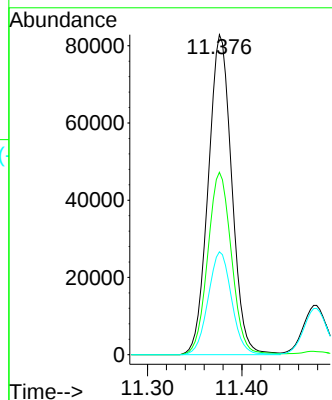
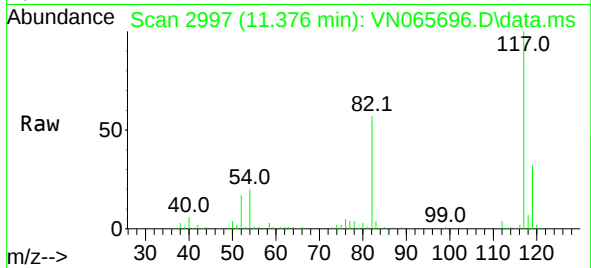
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:	117	Resp:	142851
Ion	Ratio	Lower	Upper
117	100		
82	57.7	41.3	61.9
119	32.1	25.7	38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

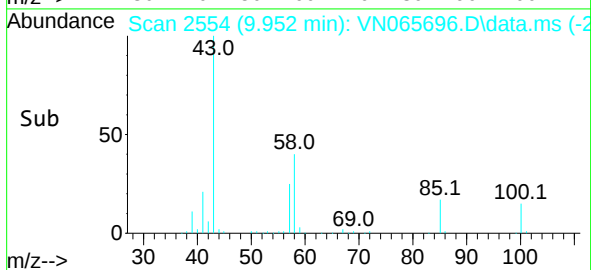
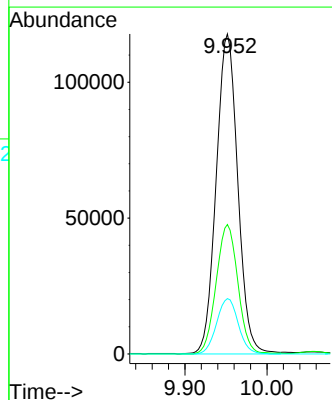
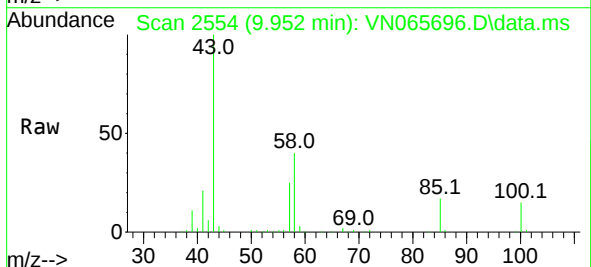
Manual Integrations
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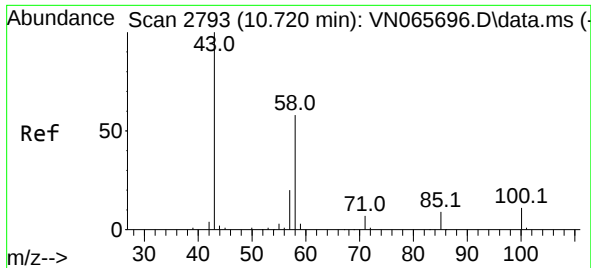
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#58
4-Methyl-2-Pentanone
Concen: 109.18 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:	43	Resp:	215029
Ion	Ratio	Lower	Upper
43	100		
58	40.9	32.7	49.1
85	17.4	16.0	24.0





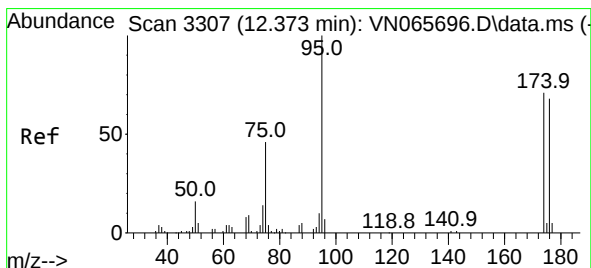
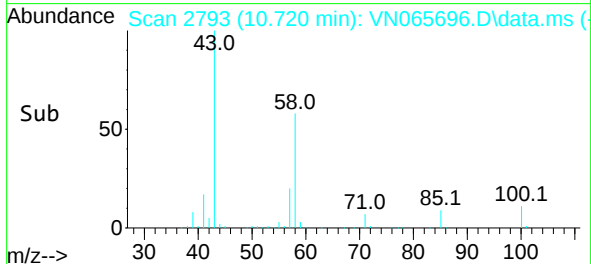
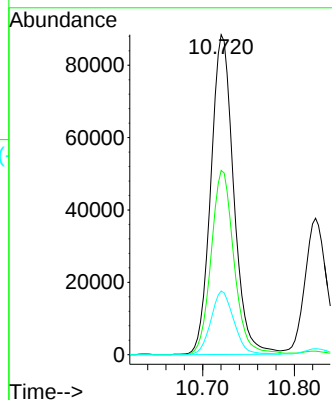
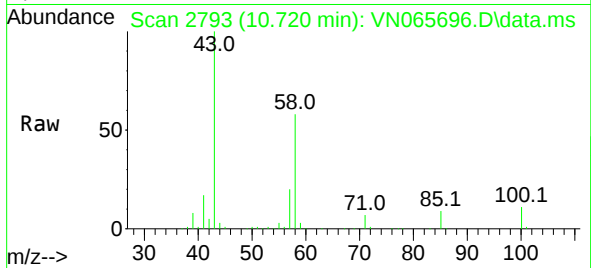
#59
2-Hexanone
Concen: 107.29 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 43 Resp: 152871
Ion Ratio Lower Upper
43 100
58 58.0 45.4 68.0
57 19.9 15.8 23.8

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

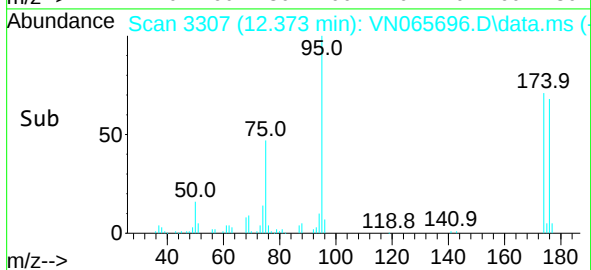
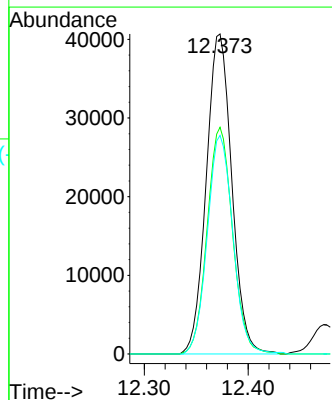
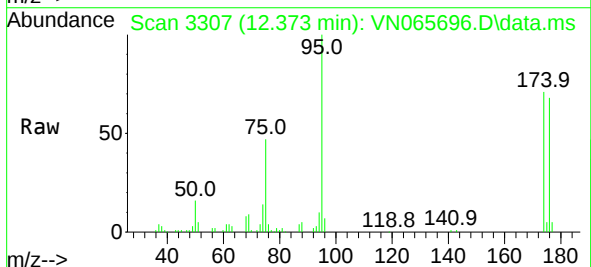
Manual Integrations
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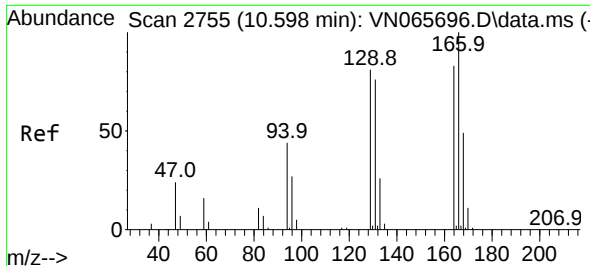
MMDadoda
2/4/2021 10:33:11 AM



#60
4-Bromofluorobenzene
Concen: 31.52 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

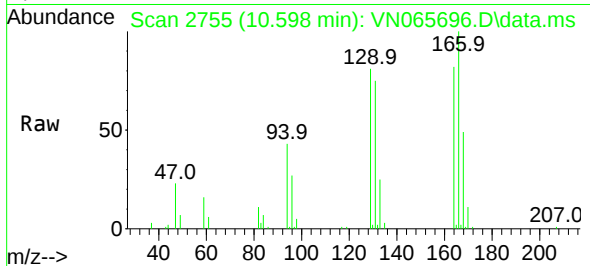
Tgt Ion: 95 Resp: 69601
Ion Ratio Lower Upper
95 100
174 70.4 77.0 115.6#
176 68.3 75.8 113.6#





#61
Tetrachloroethene
Concen: 15.34 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

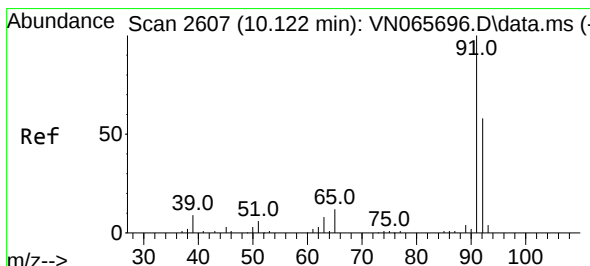
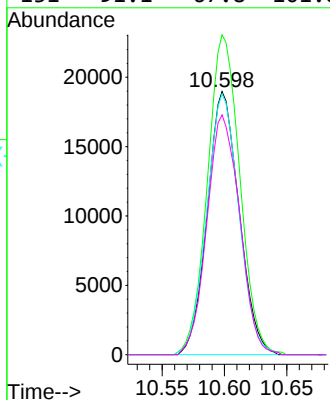
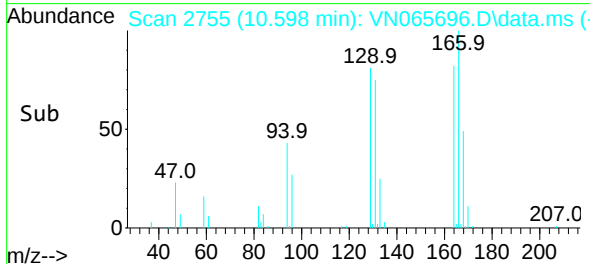
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020



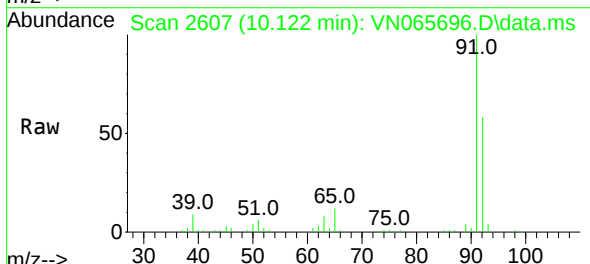
Tgt Ion:164 Resp: 33682
Ion Ratio Lower Upper
164 100
166 120.6 101.2 151.8
129 98.2 69.7 104.5
131 91.1 67.8 101.8

Manual Integrations
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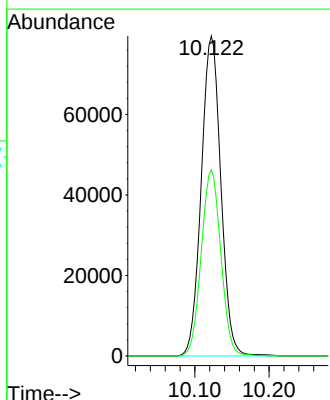
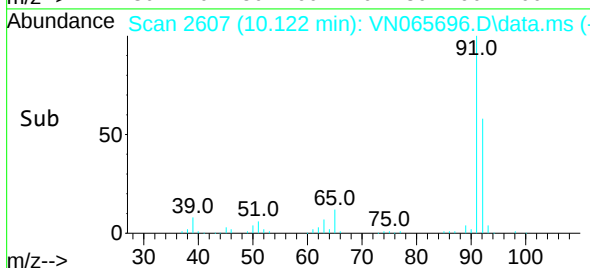
MMDadoda
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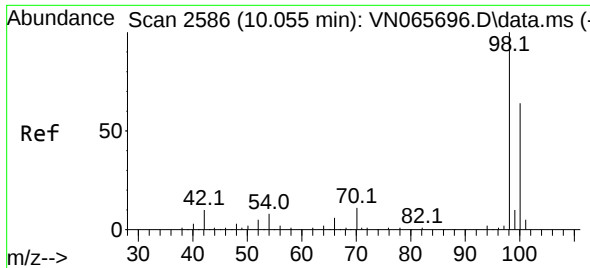


#62
Toluene
Concen: 19.25 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



Tgt Ion: 91 Resp: 145597
Ion Ratio Lower Upper
91 100
92 58.0 46.2 69.4





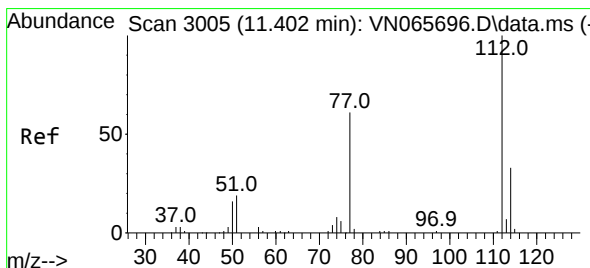
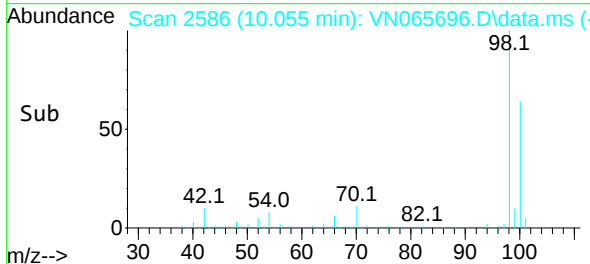
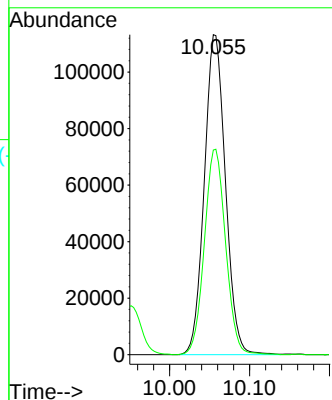
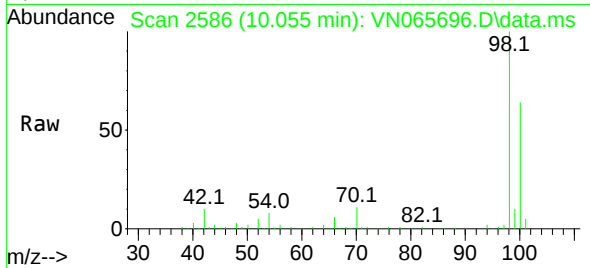
#63
Toluene-d8
Concen: 32.62 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 98 Resp: 208214
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

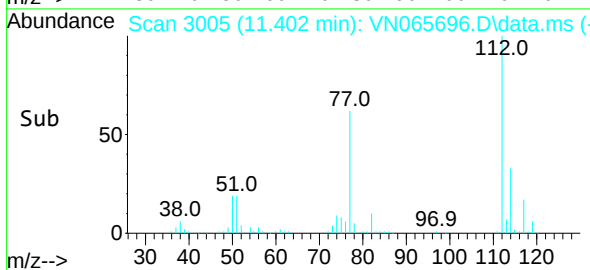
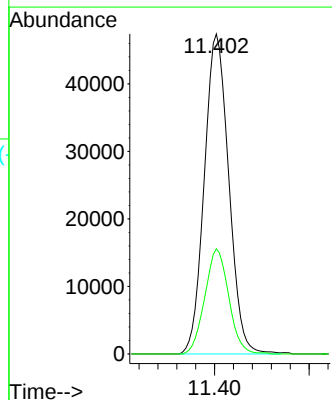
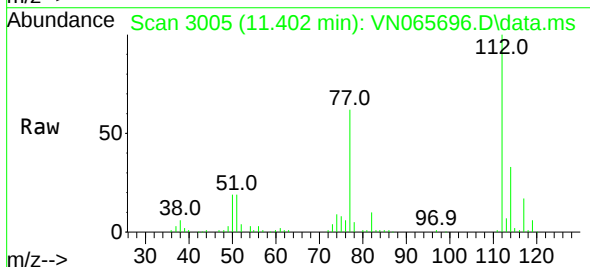
Manual Integrations
APPROVED

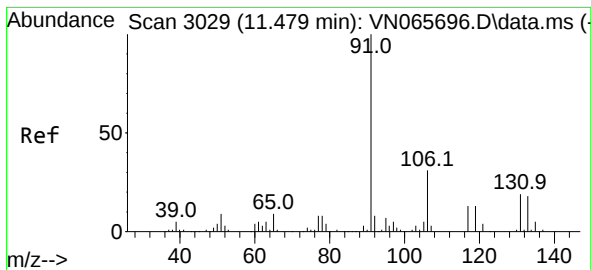
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#64
Chlorobenzene
Concen: 17.62 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 112 Resp: 85151
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3





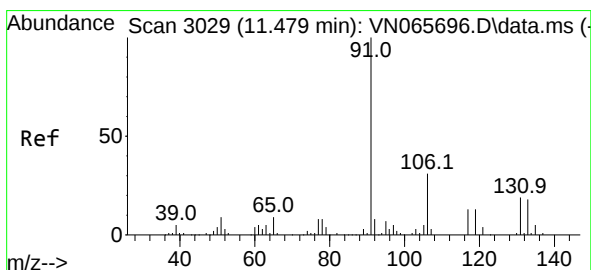
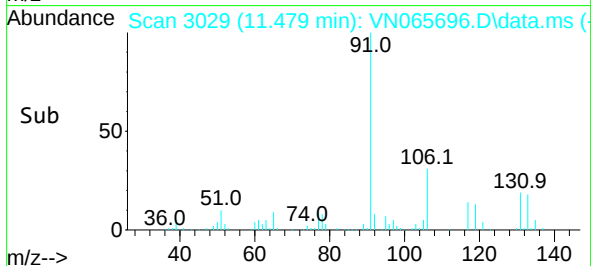
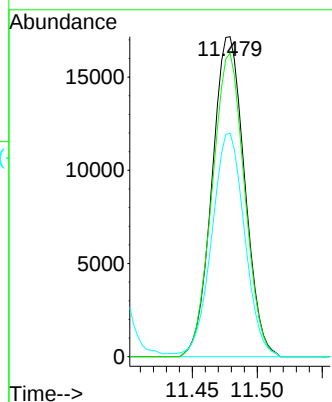
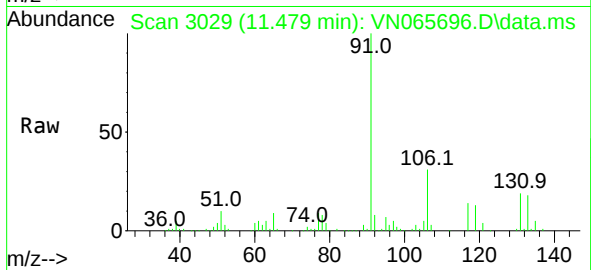
#65
1,1,1,2-Tetrachloroethane
Concen: 16.67 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:131 Resp: 29882
Ion Ratio Lower Upper
131 100
133 94.1 0.0 186.2
119 70.4 0.0 131.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

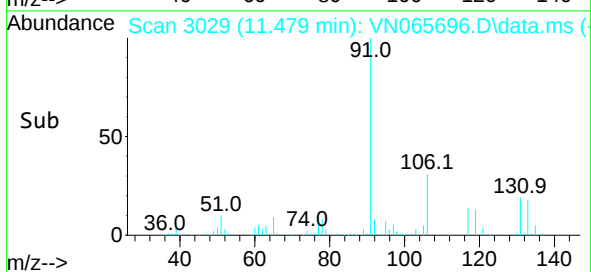
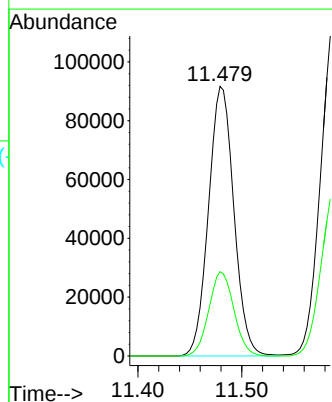
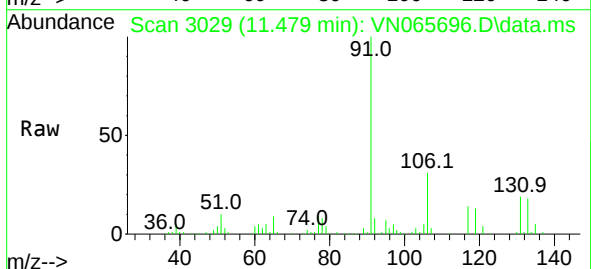
Manual Integrations
APPROVED

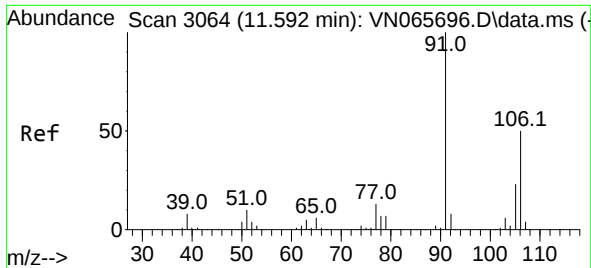
MMDadoda
2/4/2021 10:33:11 AM



#66
Ethyl Benzene
Concen: 18.82 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 91 Resp: 155464
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3





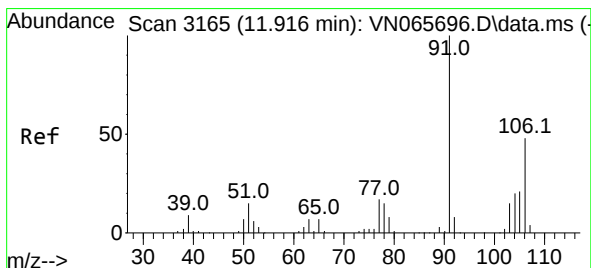
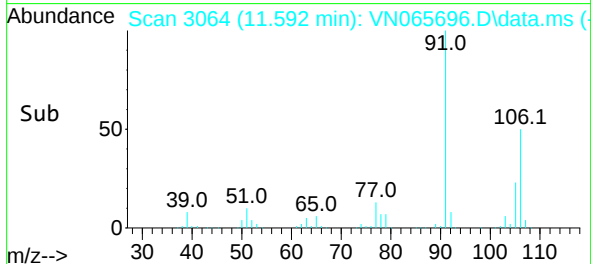
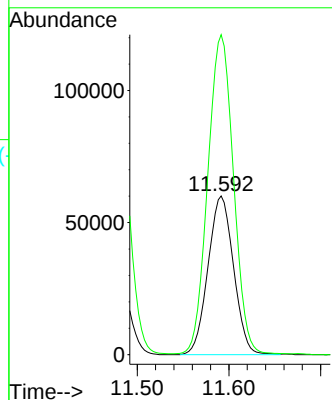
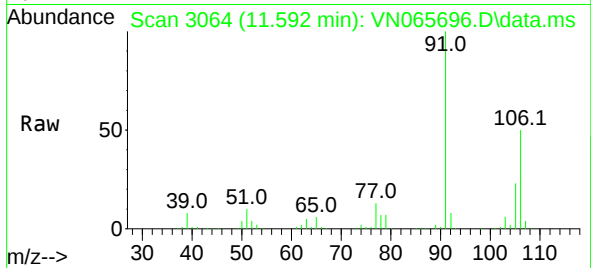
#67
m/p-Xylenes
Concen: 36.27 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:106 Resp: 116177
Ion Ratio Lower Upper
106 100
91 203.8 159.0 238.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

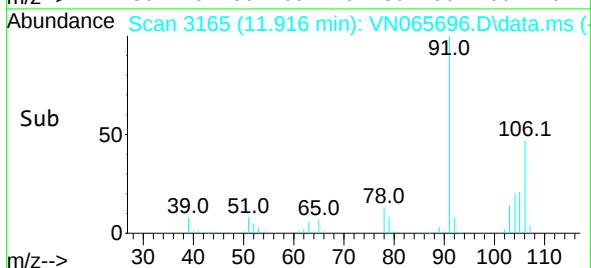
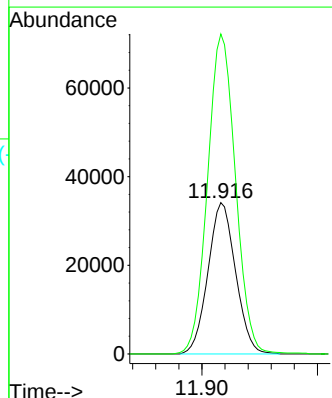
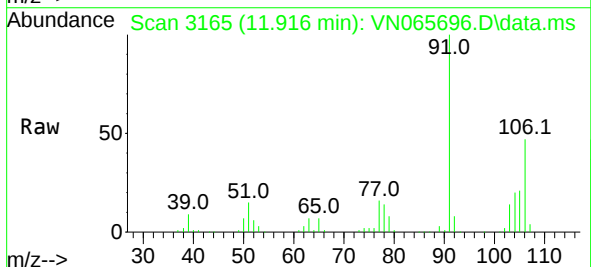
Manual Integrations
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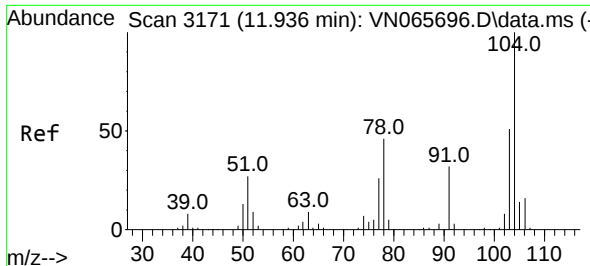
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#68
o-Xylene
Concen: 18.27 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:106 Resp: 56703
Ion Ratio Lower Upper
106 100
91 213.5 104.7 313.9





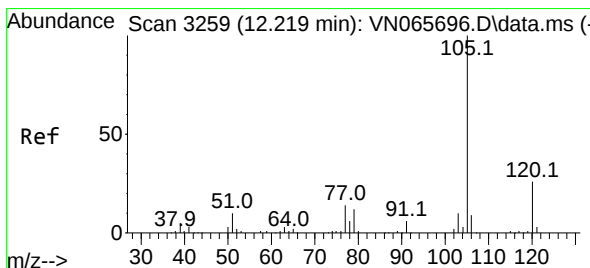
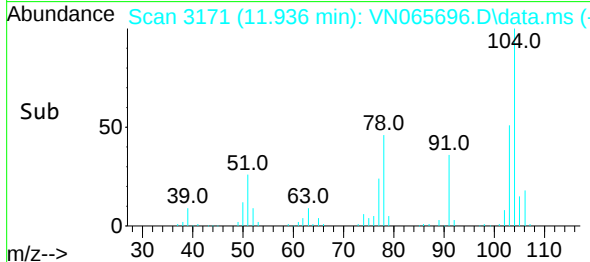
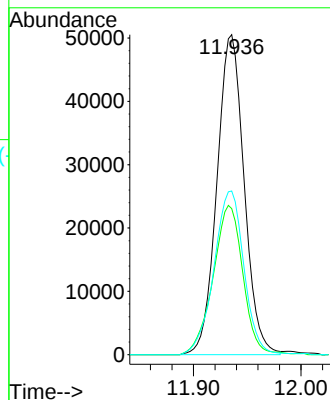
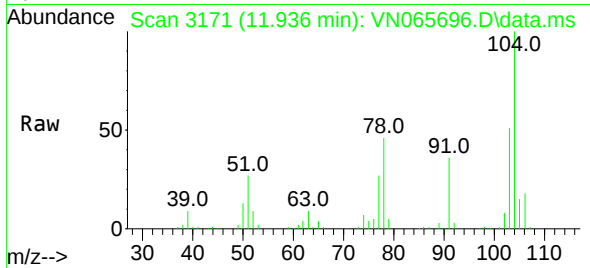
#69
Styrene
Concen: 17.31 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:104 Resp: 88839
Ion Ratio Lower Upper
104 100
78 51.0 38.0 57.0
103 56.5 44.3 66.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

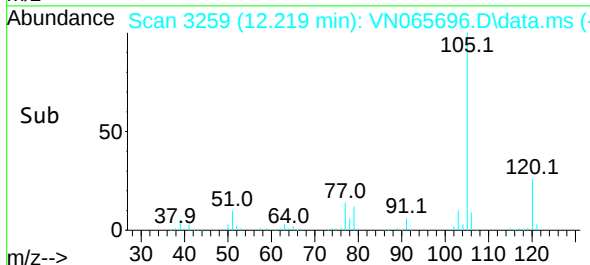
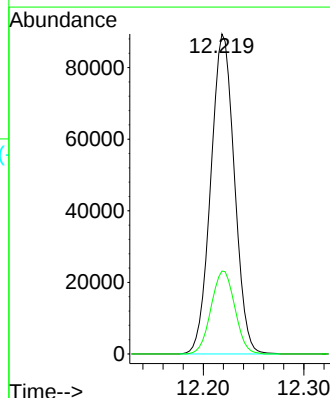
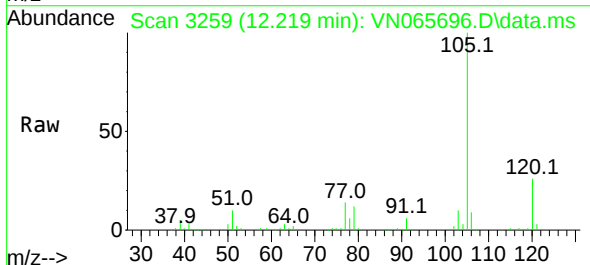
Manual Integrations
APPROVED

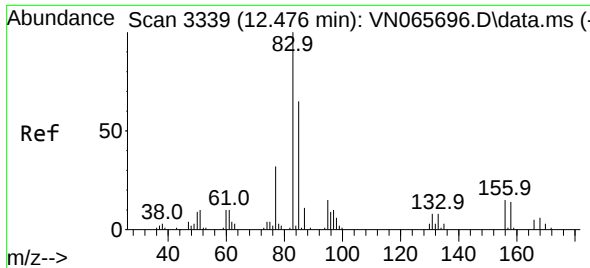
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#70
Isopropylbenzene
Concen: 18.03 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:105 Resp: 145731
Ion Ratio Lower Upper
105 100
120 26.0 19.3 35.9





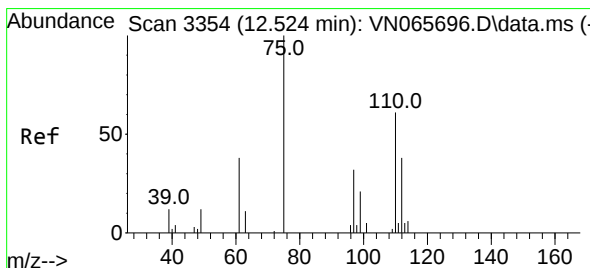
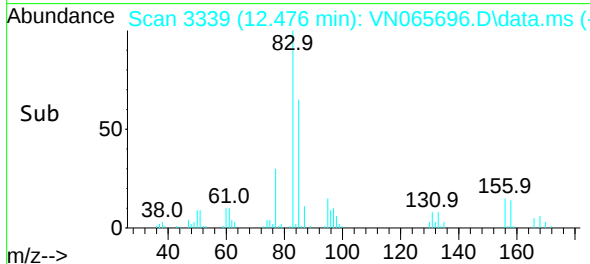
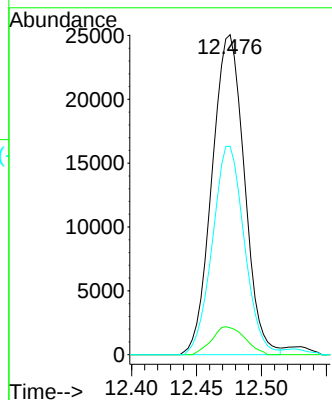
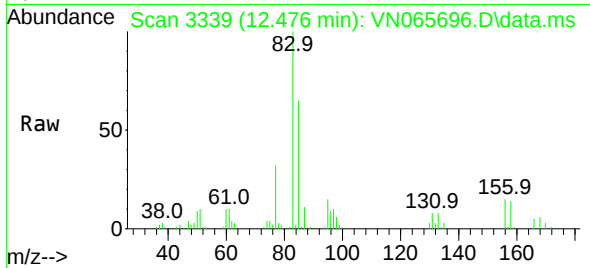
#71
1,1,2,2-Tetrachloroethane
Concen: 18.74 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 83 Resp: 43365
Ion Ratio Lower Upper
83 100
131 8.9 5.5 16.4
85 64.3 32.1 96.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

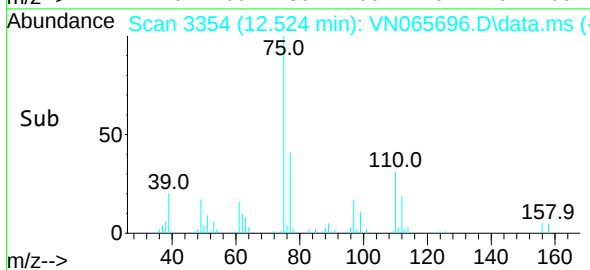
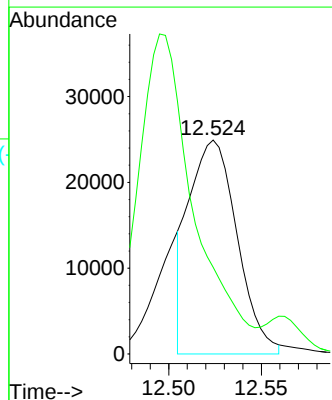
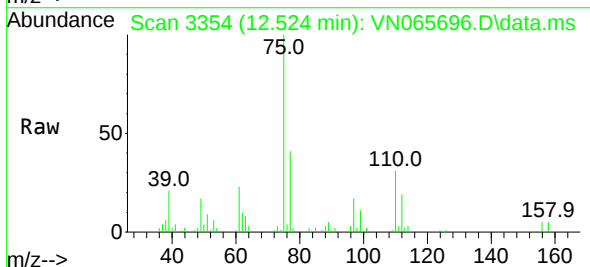
Manual Integrations
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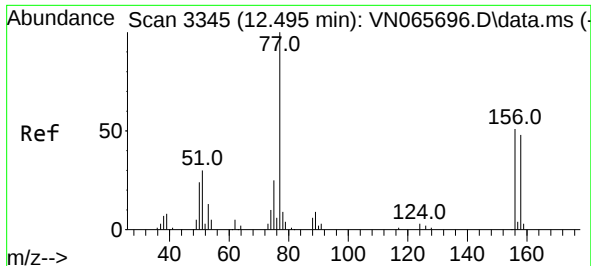
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#72
1,2,3-Trichloropropane
Concen: 20.11 ug/l m
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 75 Resp: 44902
Ion Ratio Lower Upper
75 100
77 173.9 0.0 366.4





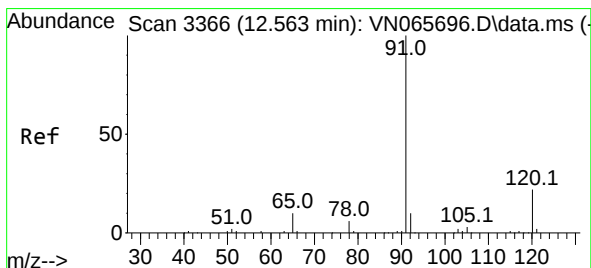
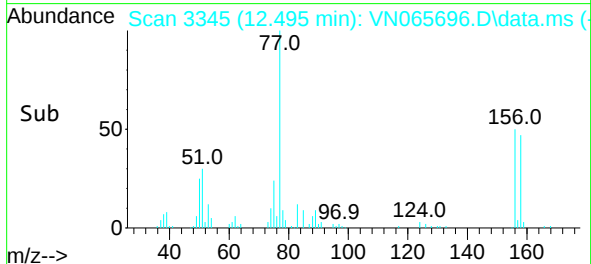
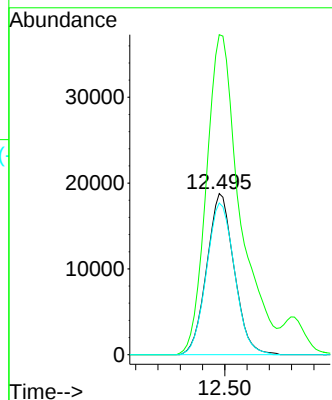
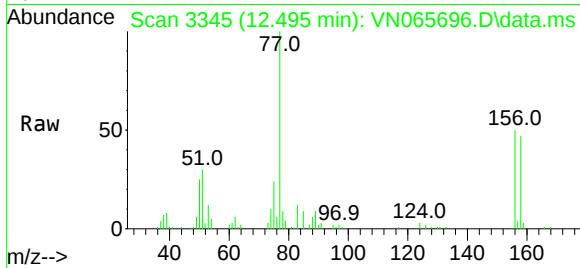
#73
Bromobenzene
Concen: 14.46 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 156 Resp: 32061
Ion Ratio Lower Upper
156 100
77 243.6 0.0 348.8
158 96.5 0.0 194.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

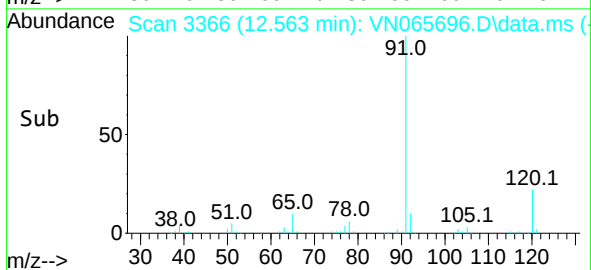
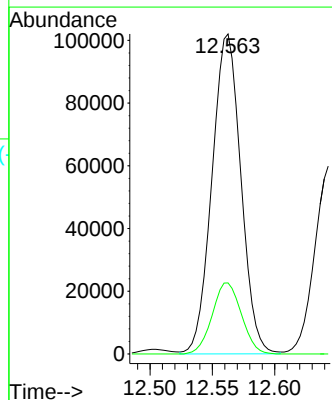
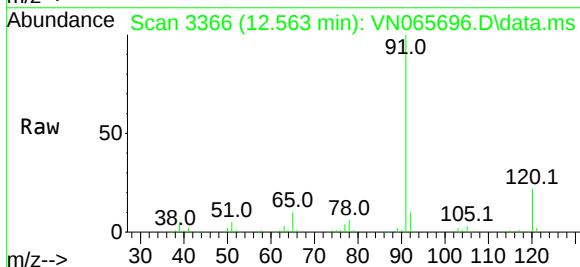
Manual Integrations
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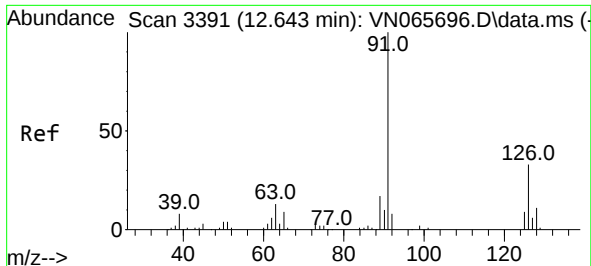
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#74
n-propylbenzene
Concen: 18.16 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 91 Resp: 164981
Ion Ratio Lower Upper
91 100
120 22.4 0.0 49.4





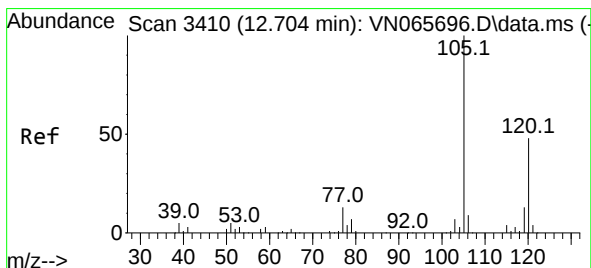
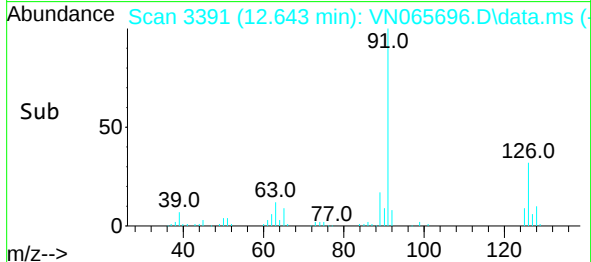
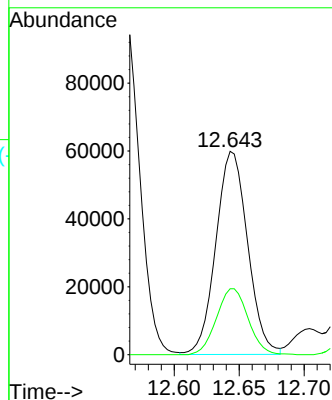
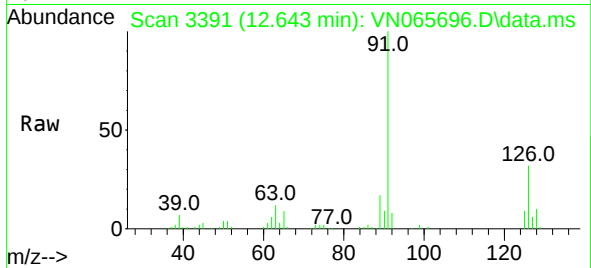
#75
2-Chlorotoluene
Concen: 18.54 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 91 Resp: 101901
Ion Ratio Lower Upper
91 100
126 32.3 0.0 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

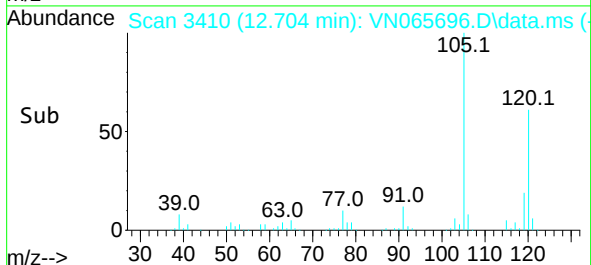
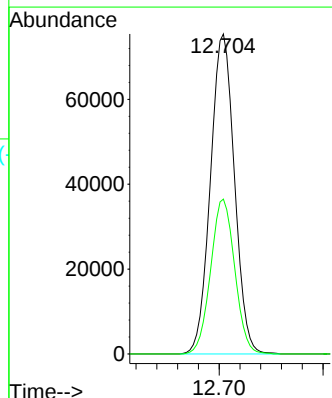
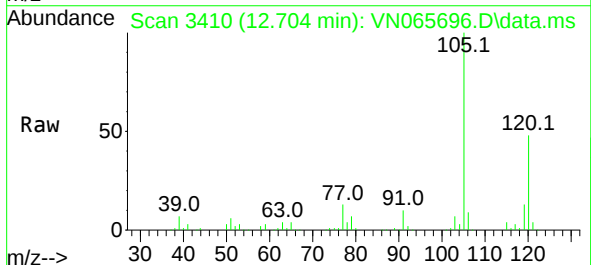
Manual Integrations
APPROVED

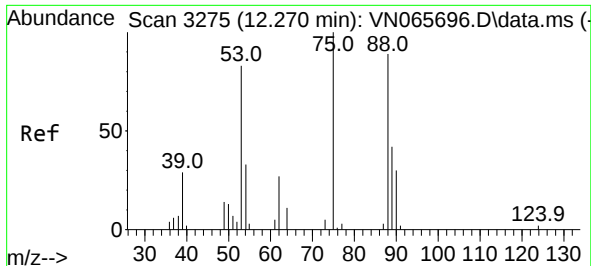
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#76
1,3,5-Trimethylbenzene
Concen: 17.56 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion: 105 Resp: 120891
Ion Ratio Lower Upper
105 100
120 48.5 0.0 101.6





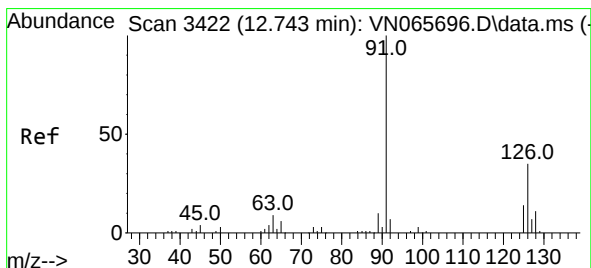
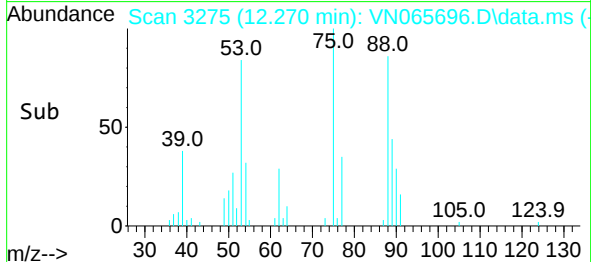
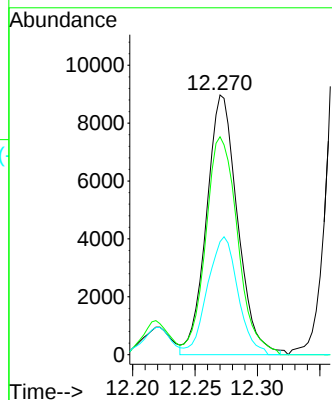
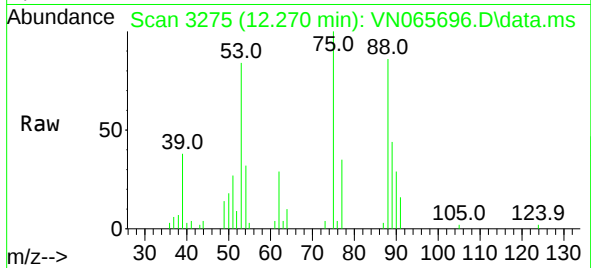
#77
t-1,4-Dichloro-2-butene
Concen: 19.58 ug/l
RT: 12.270 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.4	44.9	134.5
89	44.3	21.3	64.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

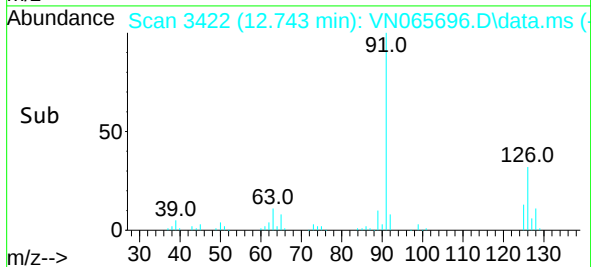
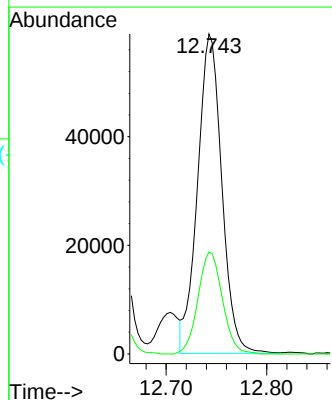
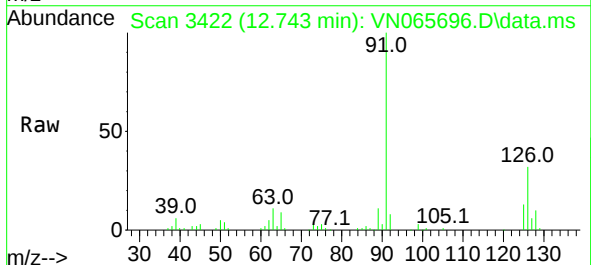
Manual Integrations
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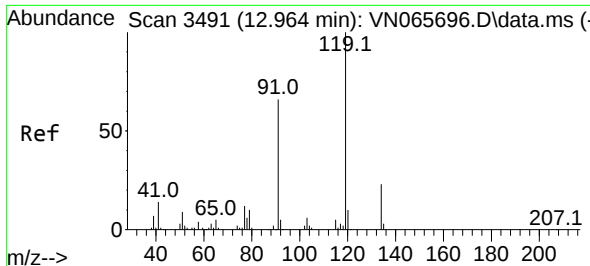
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#78
4-Chlorotoluene
Concen: 17.81 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

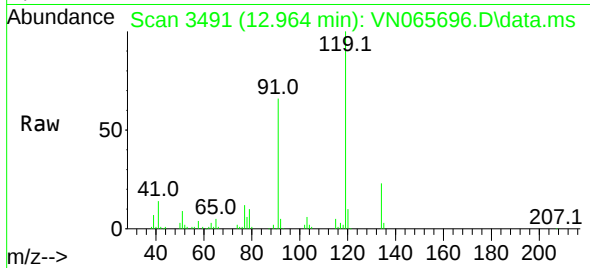
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	0.0	71.4





#79
tert-butylbenzene
Concen: 16.98 ug/l
RT: 12.964 min Scan# 3491
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

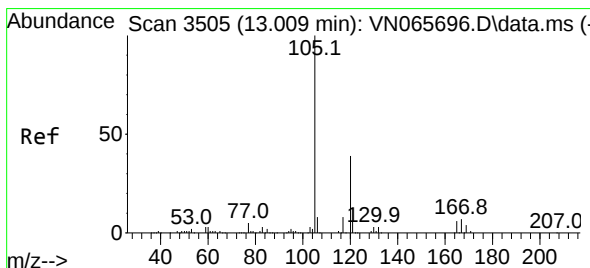
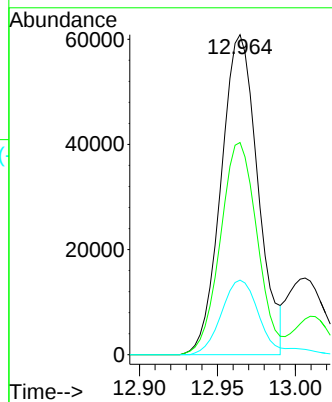
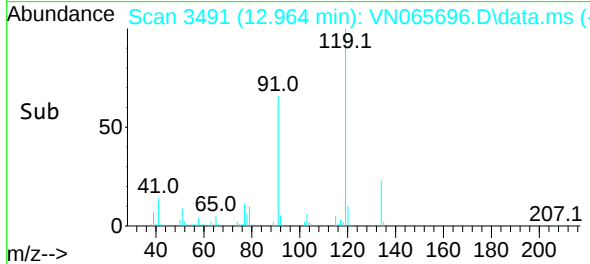
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



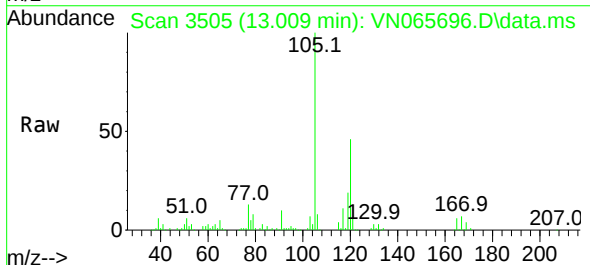
Tgt Ion:119 Resp: 100018
Ion Ratio Lower Upper
119 100
91 66.9 0.0 126.0
134 23.4 0.0 51.2

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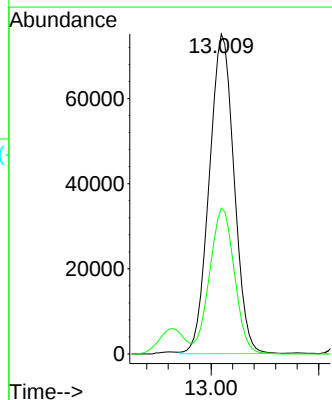
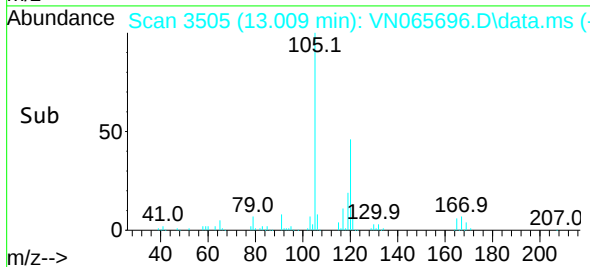
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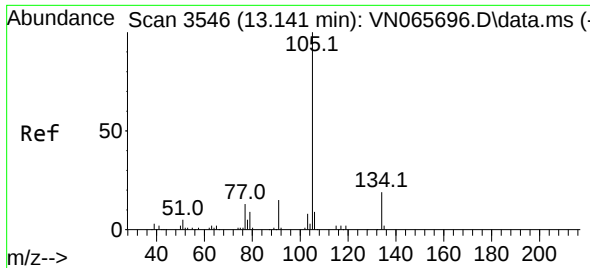


#80
1,2,4-Trimethylbenzene
Concen: 17.56 ug/l
RT: 13.009 min Scan# 3505
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



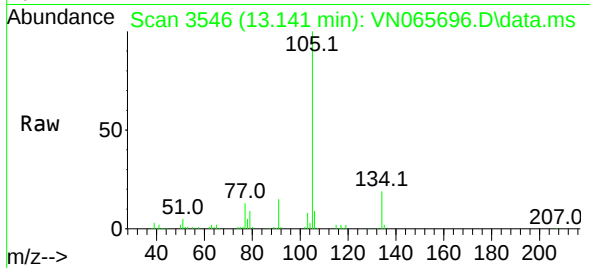
Tgt Ion:105 Resp: 120305
Ion Ratio Lower Upper
105 100
120 45.8 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 17.50 ug/l
 RT: 13.141 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN065696.D
 Acq: 3 Feb 2021 13:14

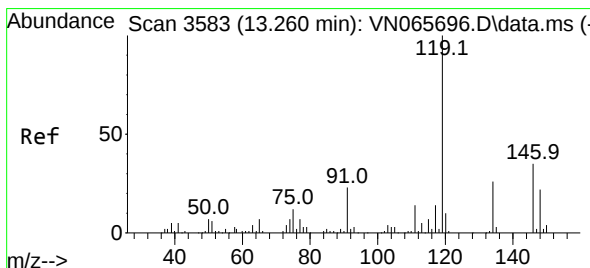
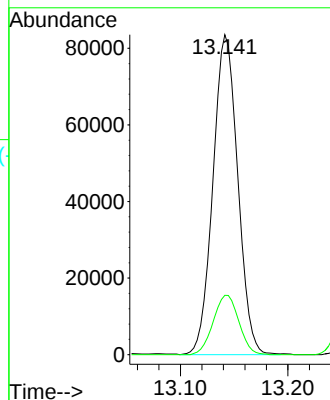
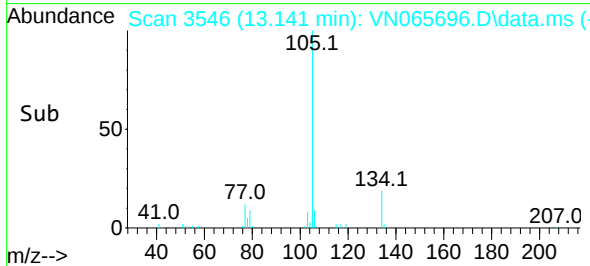
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020



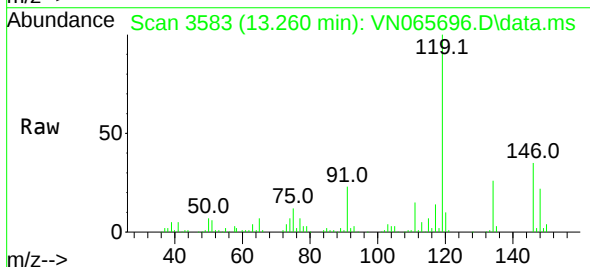
Tgt Ion:105 Resp: 133992
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 42.2

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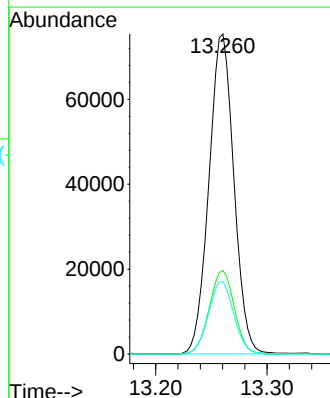
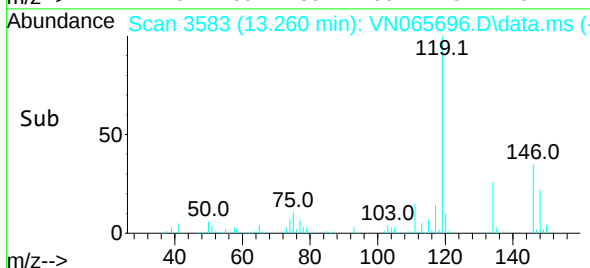
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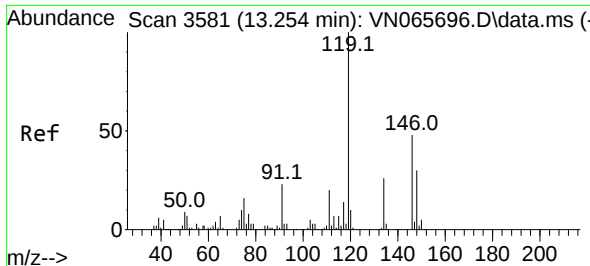


#82
 p-Isopropyltoluene
 Concen: 16.52 ug/l
 RT: 13.260 min Scan# 3583
 Delta R.T. 0.000 min
 Lab File: VN065696.D
 Acq: 3 Feb 2021 13:14



Tgt Ion:119 Resp: 117218
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 54.8
 91 23.0 0.0 44.8





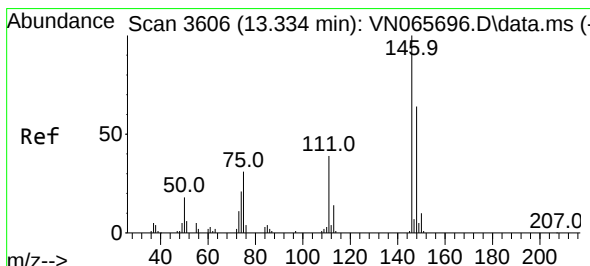
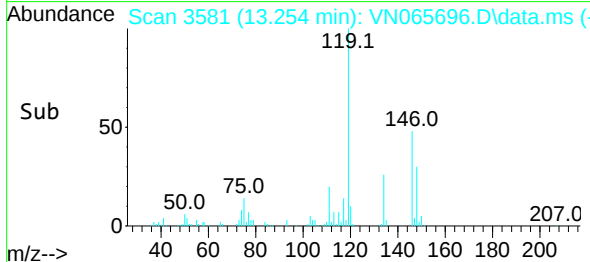
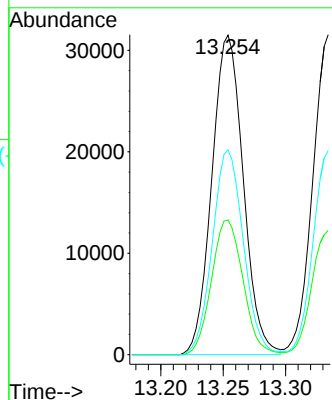
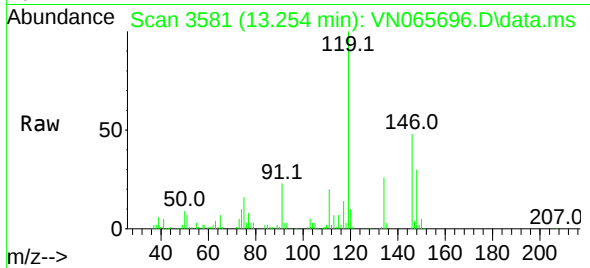
#83
1,3-Dichlorobenzene
Concen: 14.89 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	18.6	55.8
148	63.5	32.0	96.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

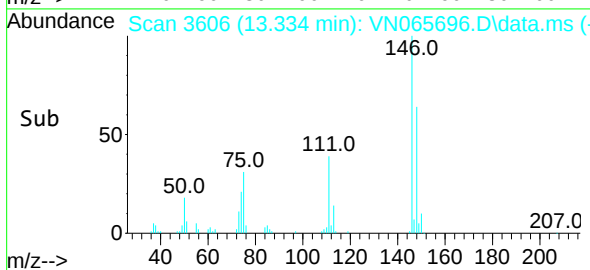
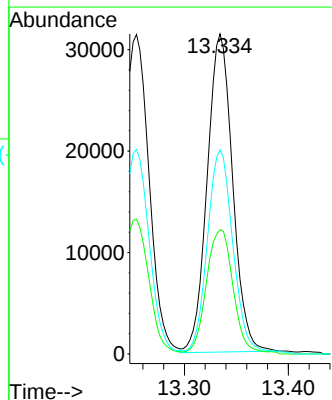
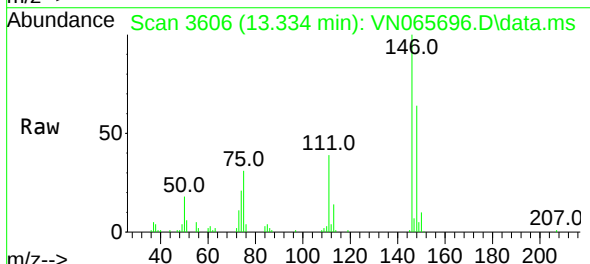
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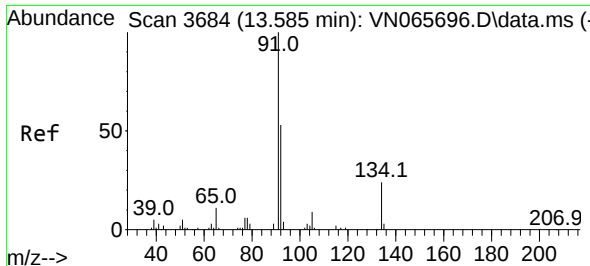
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#84
1,4-Dichlorobenzene
Concen: 14.65 ug/l
RT: 13.334 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

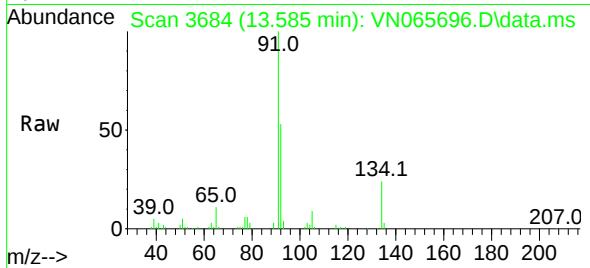
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	17.9	53.7
148	65.4	31.8	95.4





#85
n-Butylbenzene
Concen: 17.47 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

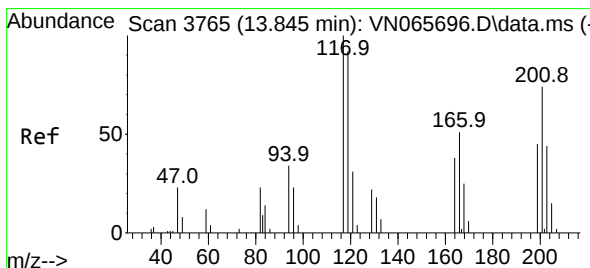
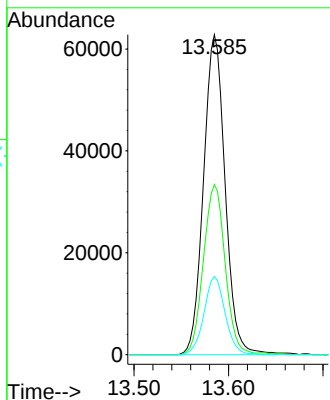
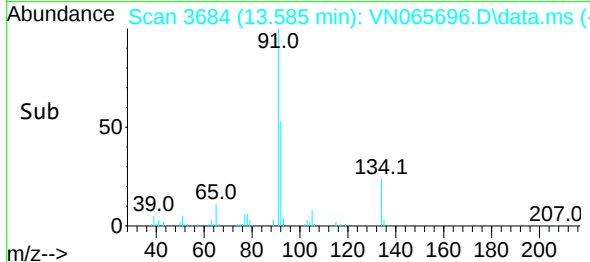
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



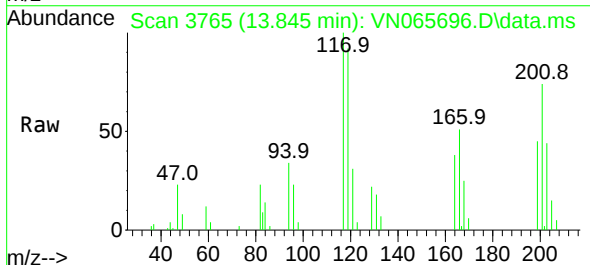
Tgt Ion: 91 Resp: 99807
Ion Ratio Lower Upper
91 100
92 53.3 0.0 104.8
134 23.8 0.0 55.8

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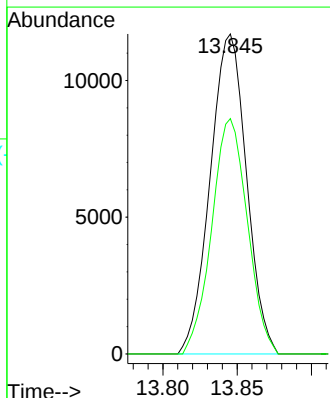
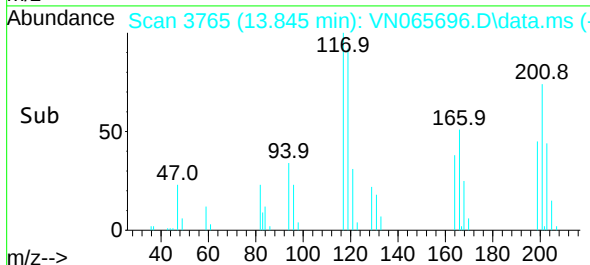
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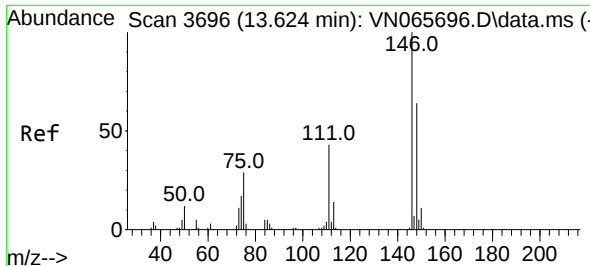


#86
Hexachloroethane
Concen: 16.85 ug/l
RT: 13.845 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



Tgt Ion: 117 Resp: 19902
Ion Ratio Lower Upper
117 100
201 72.1 48.4 145.3





#87

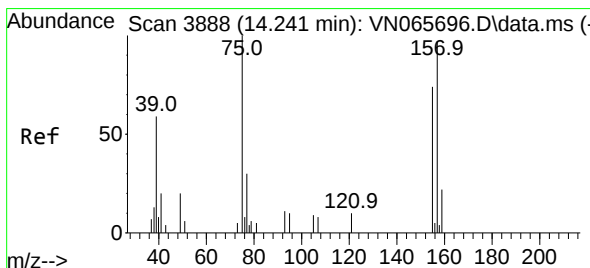
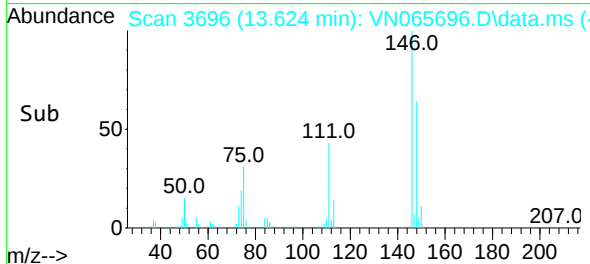
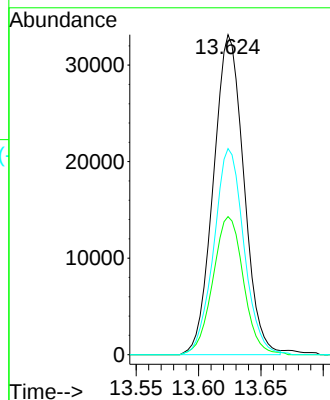
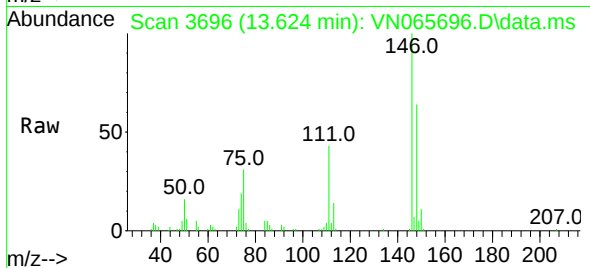
1,2-Dichlorobenzene
Concen: 15.33 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:	146	Resp:	56225
Ion Ratio	Lower	Upper	
146	100		
111	43.5	18.9	56.9
148	64.0	32.3	96.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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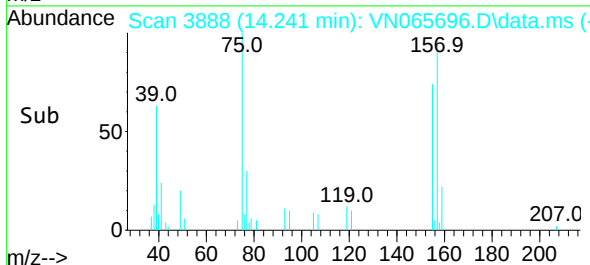
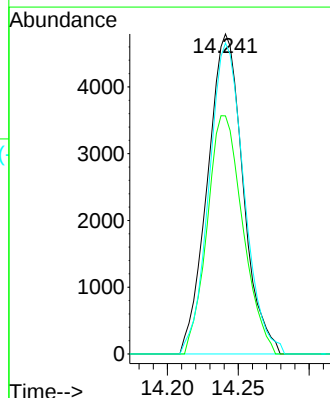
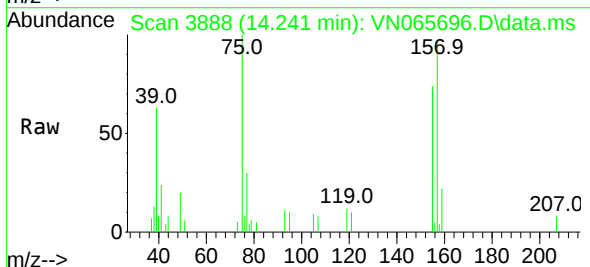
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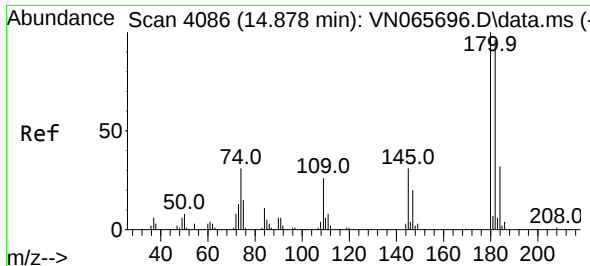


#88

1,2-Dibromo-3-Chloropropane
Concen: 19.71 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

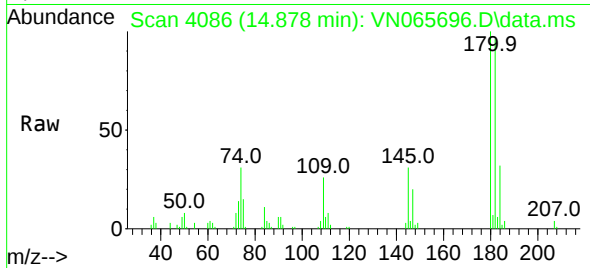
Tgt Ion:	75	Resp:	8356
Ion Ratio	Lower	Upper	
75	100		
155	74.4	76.9	115.3#
157	95.4	105.8	158.8#





#89
1,2,4-Trichlorobenzene
Concen: 13.80 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

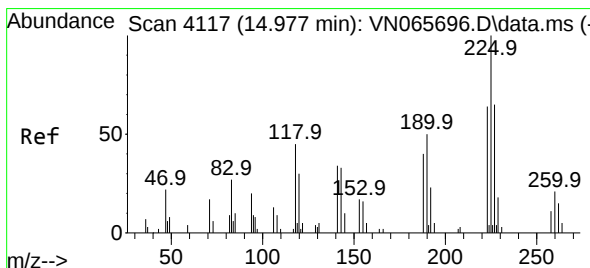
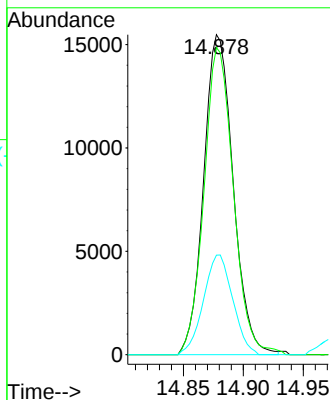
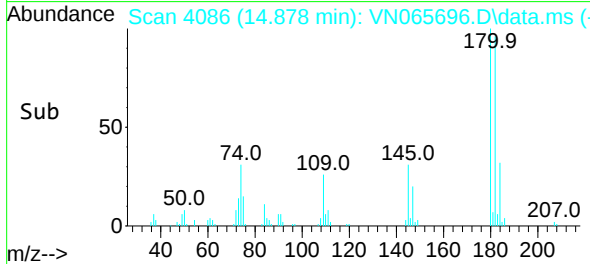
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020



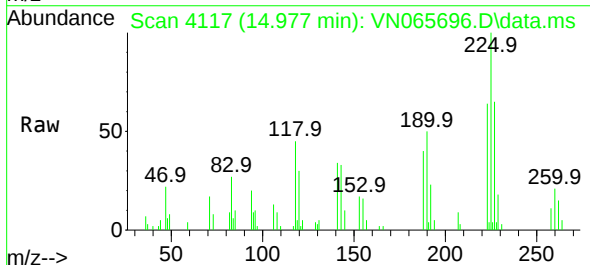
Tgt Ion:180 Resp: 26488
Ion Ratio Lower Upper
180 100
182 95.6 78.5 117.7
145 30.9 23.8 35.6

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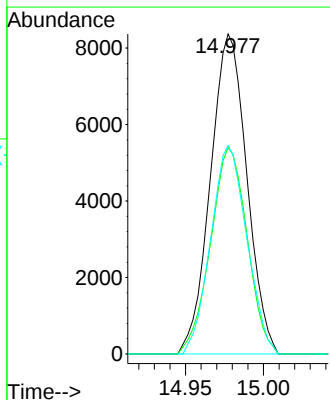
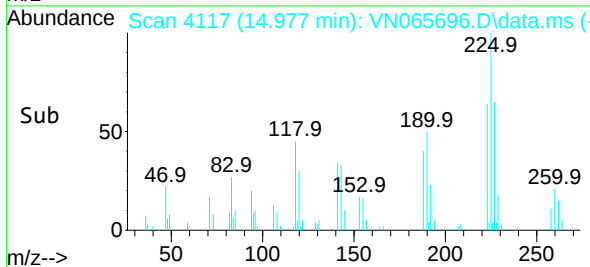
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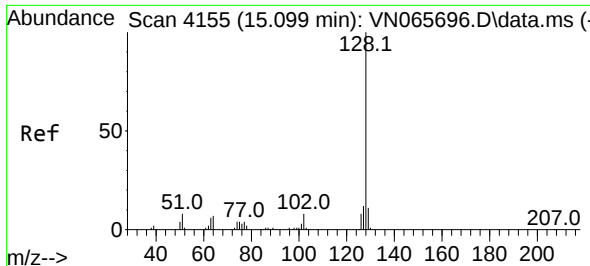


#90
Hexachlorobutadiene
Concen: 11.14 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14



Tgt Ion:225 Resp: 13568
Ion Ratio Lower Upper
225 100
223 64.7 0.0 122.0
227 64.6 0.0 126.4





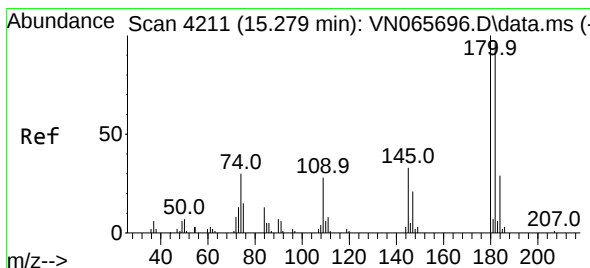
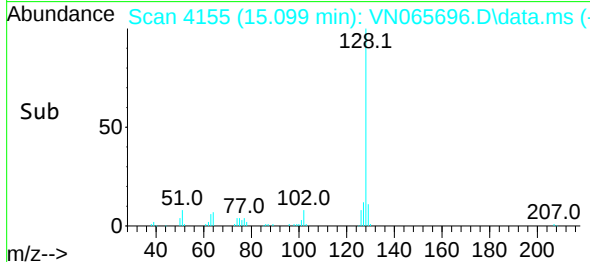
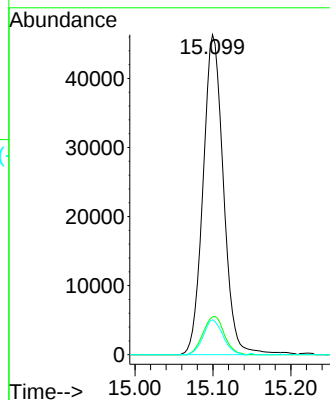
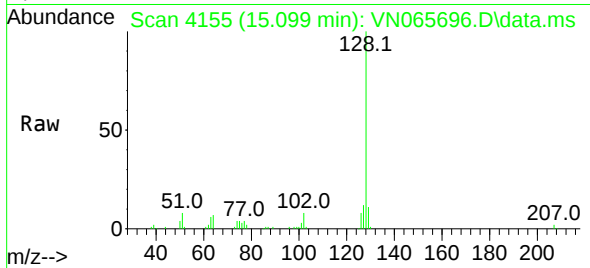
#91
Naphthalene
Concen: 16.96 ug/l
RT: 15.099 min Scan# 4155
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:128 Resp: 84214
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.5 8.6 12.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 14.56 ug/l
RT: 15.279 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN065696.D
Acq: 3 Feb 2021 13:14

Tgt Ion:180 Resp: 27579
Ion Ratio Lower Upper
180 100
182 94.1 0.0 190.4
145 33.5 0.0 57.8

