

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071320\
 Data File : VN062508.D
 Acq On : 13 Jul 2020 10:00
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:40 AM

Quant Time: Jul 13 10:40:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 13 10:35:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	44764	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	249617	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	226984	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	116126	38.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	128.50%
60) 4-Bromofluorobenzene	12.38	95	113828	33.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	110.17%
63) Toluene-d8	10.06	98	328409	33.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	110.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	52383	25.913	ug/l 100
3) Chloromethane	2.04	50	74490	29.547	ug/l 100
4) Vinyl Chloride	2.16	62	65553	20.824	ug/l 100
5) Bromomethane	2.54	94	30729	15.911	ug/l 100
6) Chloroethane	2.67	64	32950	15.865	ug/l 100
7) Trichlorofluoromethane	2.99	101	79974	18.411	ug/l 100
8) Diethyl Ether	3.37	74	37567	24.765	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49996	21.102	ug/l 100
10) 1,1-Dichloroethene	3.70	96	50733	21.589	ug/l 100
11) Methyl Iodide	3.91	142	60520	19.471	ug/l 100
12) Methyl Acetate	4.28	43	67272	31.281	ug/l 100
13) Acrolein	3.57	56	52402	172.264	ug/l 100
14) Acrylonitrile	4.93	53	156594	145.568	ug/l 100
15) Acetone	3.78	58	57495	169.007	ug/l 99
16) Carbon Disulfide	4.01	76	163047	30.853	ug/l 100
17) Allyl chloride	4.27	41	112944	35.207	ug/l 100
18) Methylene Chloride	4.50	84	63619	23.092	ug/l 100
19) trans-1,2-Dichloroethene	4.99	96	55680	21.352	ug/l 100
20) Diisopropyl ether	5.90	45	225786	30.961	ug/l 100
21) 1,1-Dichloroethane	5.80	63	118448	26.205	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	63446	20.758	ug/l 100
23) tert-Butyl Alcohol	4.73	59	54310	134.171	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	187376	24.039	ug/l 100
25) Chloroform	7.33	83	107916	22.128	ug/l 100
26) Cyclohexane	7.61	56	102925	28.791	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	83131	23.340	ug/l 100
30) 2-Butanone	6.79	43	239187	167.692	ug/l 100
31) 2,2-Dichloropropane	6.78	77	96422	23.144	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	90851	20.630	ug/l 100
33) Carbon Tetrachloride	7.73	117	78232	21.458	ug/l 100
34) Benzene	8.00	78	251214	22.779	ug/l 100
35) Methacrylonitrile	7.12	41	40947	32.478	ug/l 100
36) 1,2-Dichloroethane	8.09	62	89424	24.405	ug/l 100
37) Trichloroethene	8.80	130	56114	17.401	ug/l 100
38) Methylcyclohexane	9.05	83	91937	23.133	ug/l 100
39) 1,2-Dichloropropane	9.09	63	71833	25.940	ug/l 100
40) Dibromomethane	9.18	93	41426	21.241	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	87193	21.844	ug/l	100
42) Vinyl Acetate	5.84	43	946051	163.156	ug/l	100
43) Ethyl Acetate	6.88	43	90278	31.425	ug/l	100
44) Isopropyl Acetate	8.13	43	149358	29.889	ug/l	100
45) 1,4-Dioxane	9.17	88	21592	461.129	ug/l	100
46) Methyl methacrylate	9.17	41	71211	31.656	ug/l	100
47) n-amyl Acetate	12.05	43	122222	28.788	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	99309	23.234	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	108195	23.278	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	58373	20.644	ug/l	100
51) Ethyl methacrylate	10.40	69	95285	24.483	ug/l	100
52) 1,3-Dichloropropane	10.68	76	106330	22.931	ug/l	100
53) Dibromochloromethane	10.87	129	62940	19.212	ug/l	100
54) 1,2-Dibromoethane	10.98	107	57400	19.645	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	149432	104.234	ug/l	100
56) Bromoform	12.10	173	42310	18.479	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	457069	161.021	ug/l	100
59) 2-Hexanone	10.72	43	336301	162.287	ug/l	100
61) Tetrachloroethene	10.60	164	46887	14.271	ug/l	100
62) Toluene	10.12	91	262467	22.068	ug/l	100
64) Chlorobenzene	11.41	112	148920	19.903	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	56033	19.666	ug/l	100
66) Ethyl Benzene	11.48	91	283353	21.709	ug/l	100
67) m/p-Xylenes	11.59	106	203736	40.107	ug/l	100
68) o-Xylene	11.92	106	98408	20.440	ug/l	100
69) Styrene	11.94	104	164874	20.128	ug/l	100
70) Isopropylbenzene	12.22	105	263904	20.649	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	86235	24.249	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	83842m	25.255	ug/l	100
73) Bromobenzene	12.50	156	60440	18.018	ug/l	100
74) n-propylbenzene	12.57	91	307228	21.152	ug/l	100
75) 2-Chlorotoluene	12.65	91	187348	21.663	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	219236	20.576	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	30230	24.716	ug/l	100
78) 4-Chlorotoluene	12.75	91	189168	21.135	ug/l	100
79) tert-butylbenzene	12.97	119	184497	20.069	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	218181	20.414	ug/l	100
81) sec-Butylbenzene	13.15	105	243163	20.469	ug/l	100
82) p-Isopropyltoluene	13.26	119	213226	19.508	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	103238	17.371	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	99358	17.051	ug/l	100
85) n-Butylbenzene	13.59	91	172188	19.093	ug/l	100
86) Hexachloroethane	13.85	117	41242	25.242	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	100176	17.749	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	16194	24.325	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	45992	14.279	ug/l	100
90) Hexachlorobutadiene	14.99	225	27270	18.742	ug/l	100
91) Naphthalene	15.10	128	124472	13.945	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	47562	15.026	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

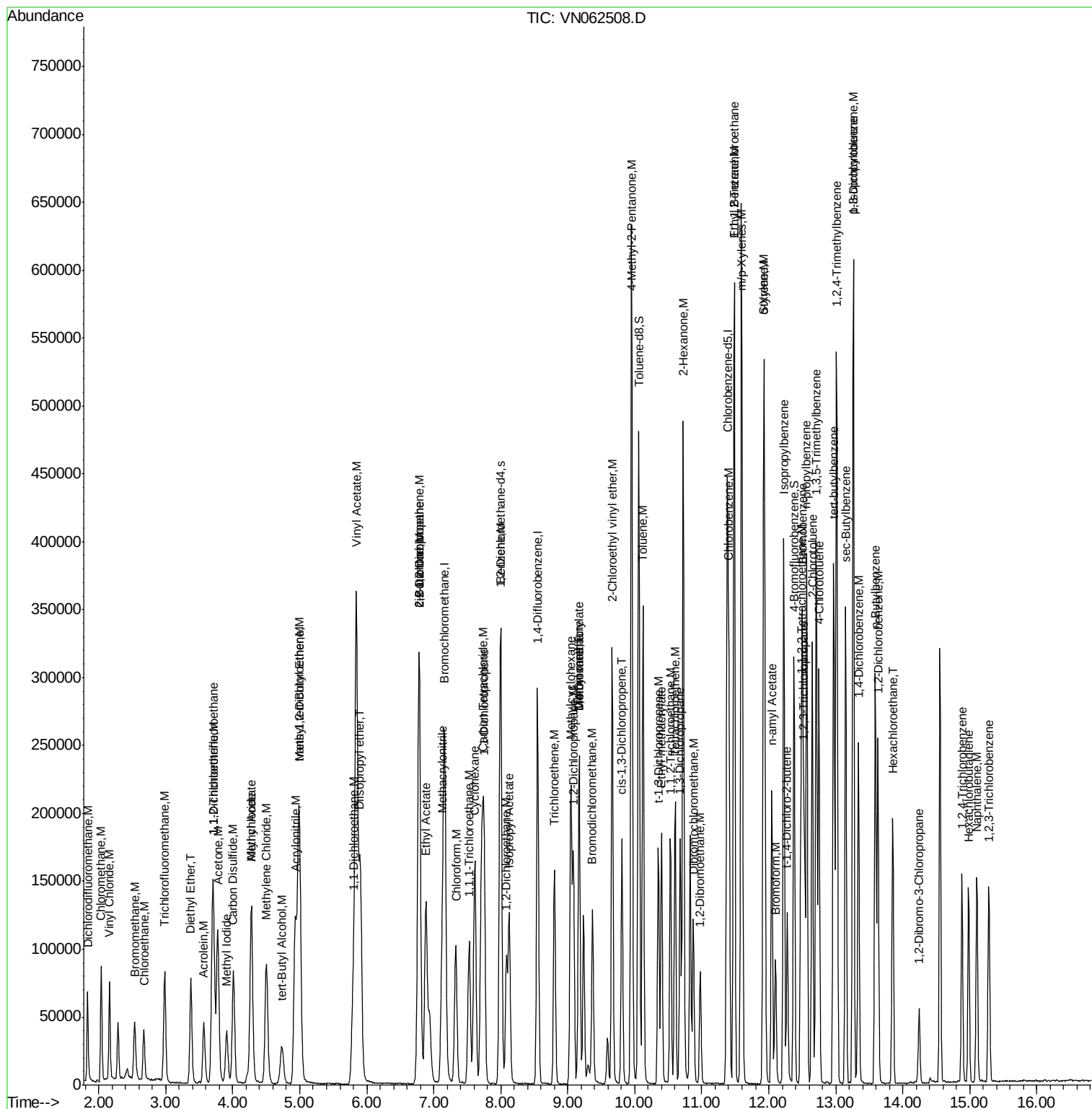
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Data File : VN062508.D
Acq On : 13 Jul 2020 10:00
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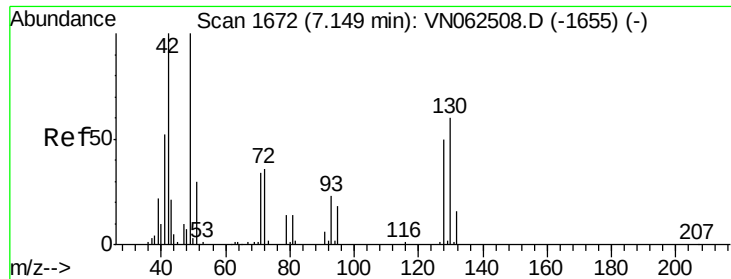
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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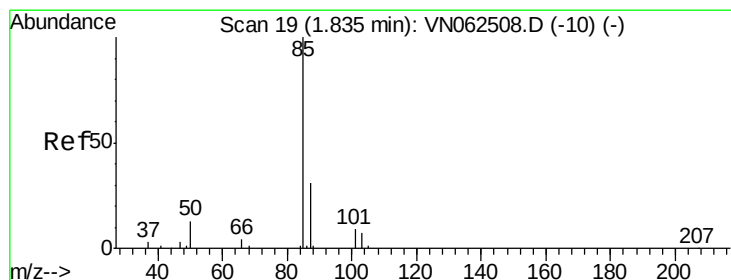
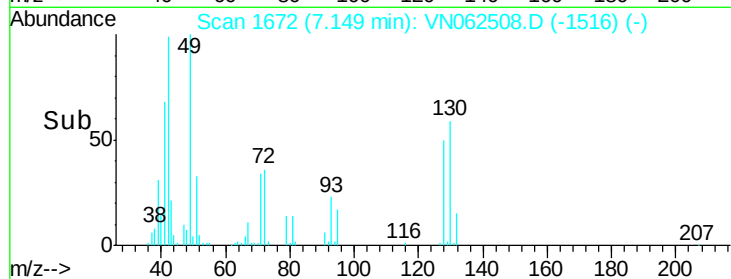
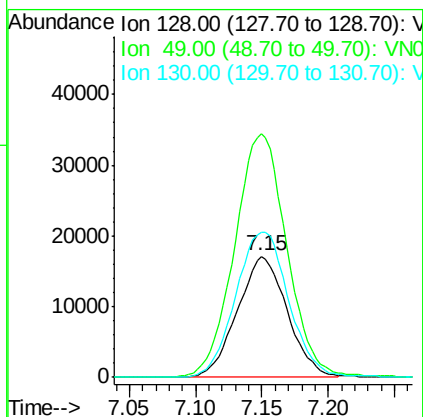
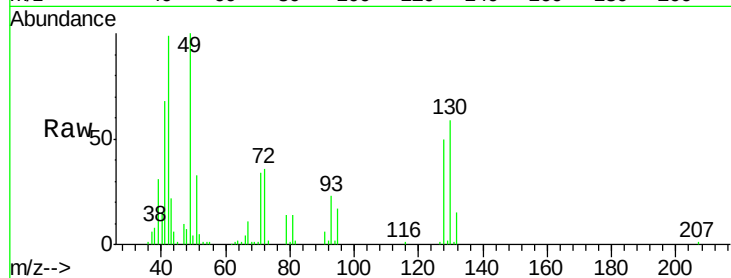
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	210.0	0.0	525.0
130	127.9	0.0	319.8

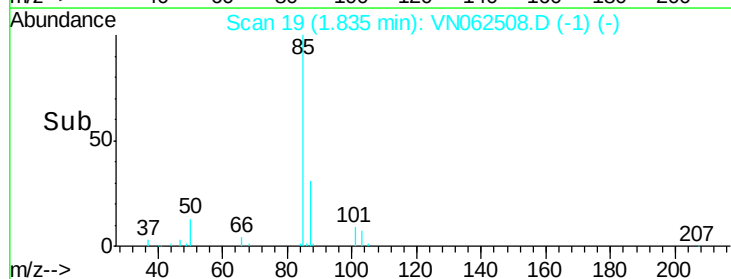
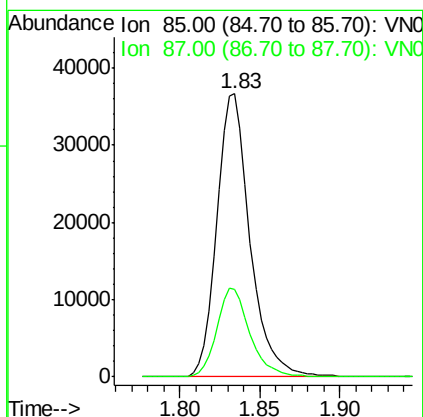
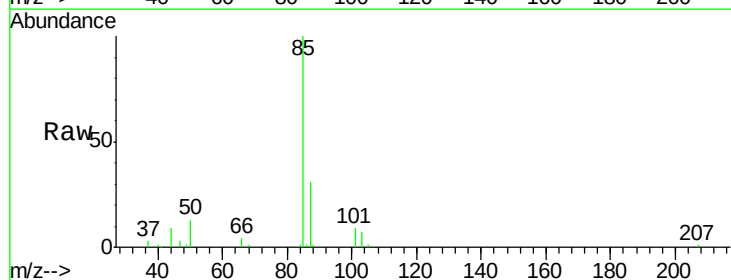
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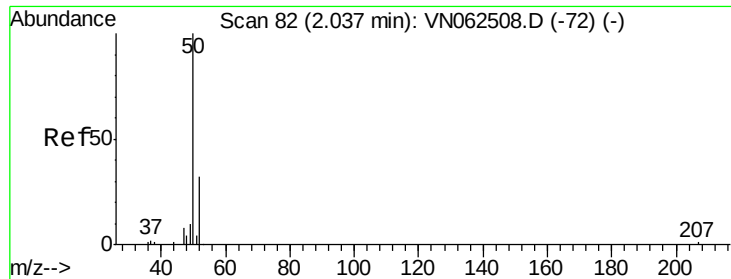
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#2
Dichlorodifluoromethane
Concen: 25.913 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	15.6	46.7





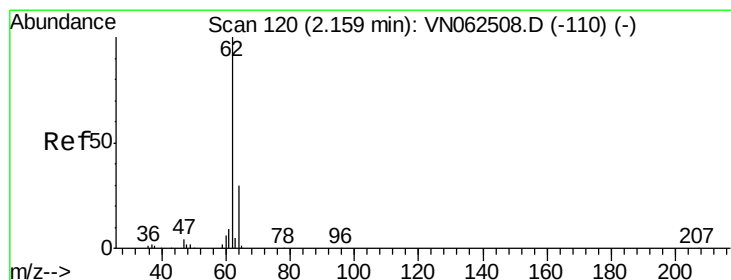
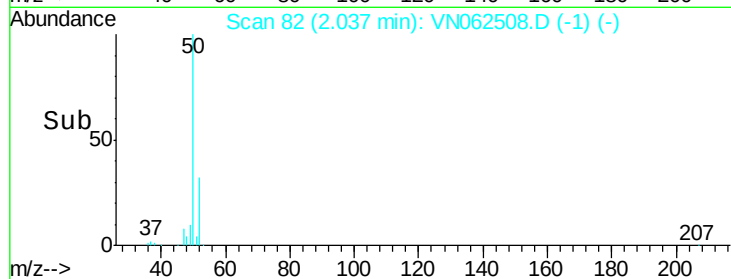
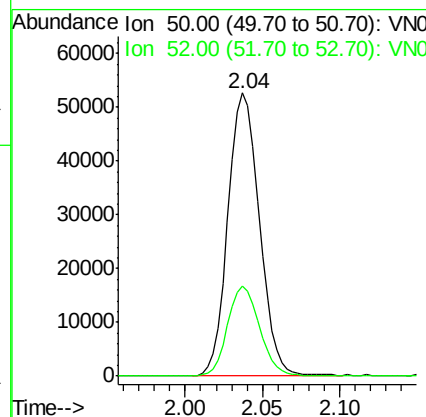
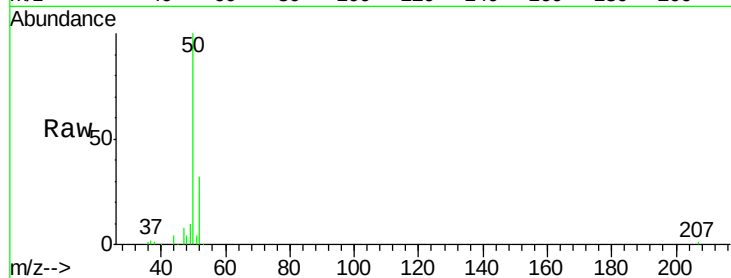
#3
Chloromethane
Concen: 29.547 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.4	38.2

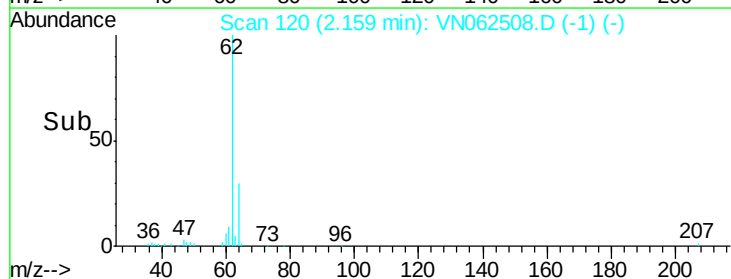
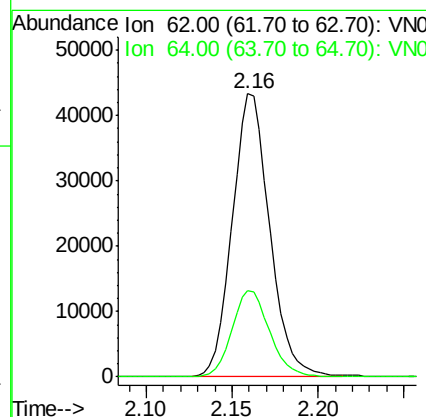
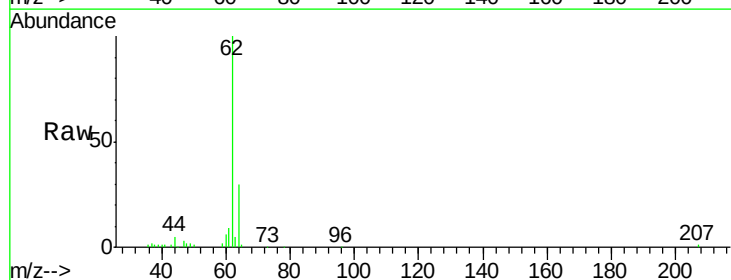
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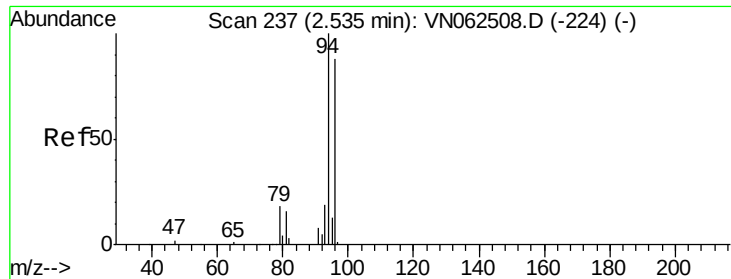
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#4
Vinyl Chloride
Concen: 20.824 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.4	24.3	36.5





#5

Bromomethane

Concen: 15.911 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 30729

Ion Ratio Lower Upper

94 100

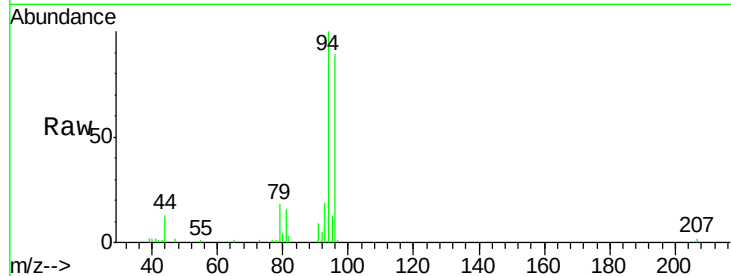
96 87.8 70.2 105.4

Manual Integrations

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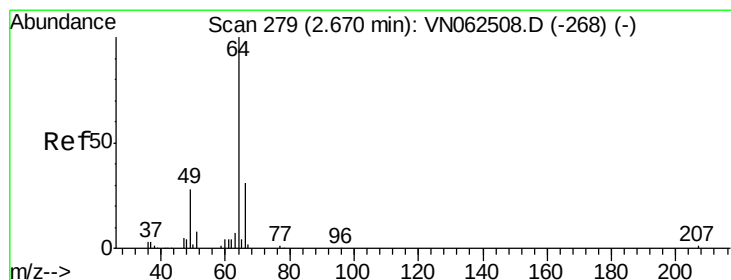
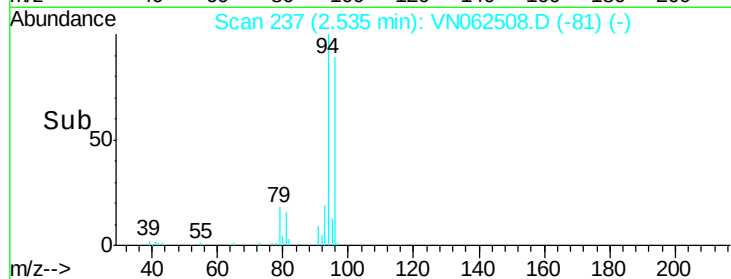
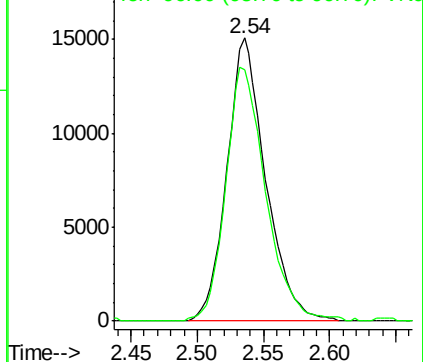
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 15.865 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN062508.D

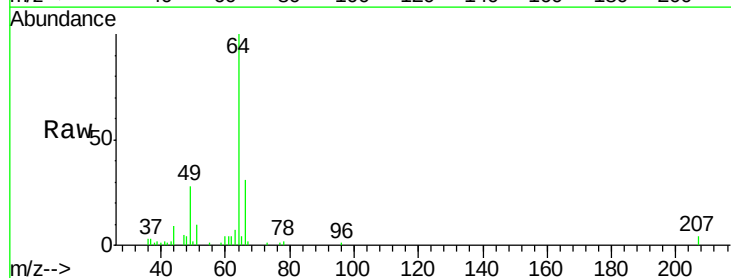
Acq: 13 Jul 2020 10:00

Tgt Ion: 64 Resp: 32950

Ion Ratio Lower Upper

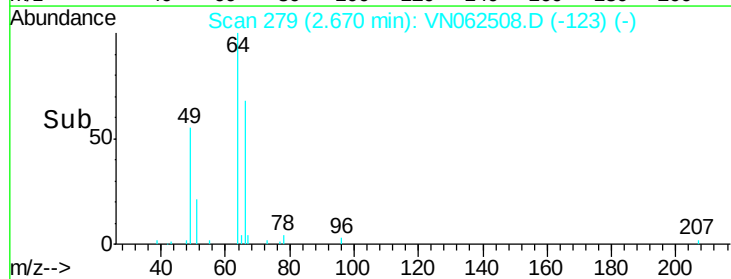
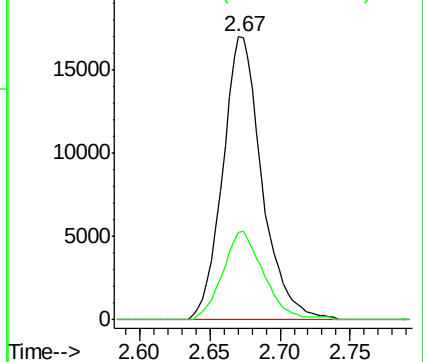
64 100

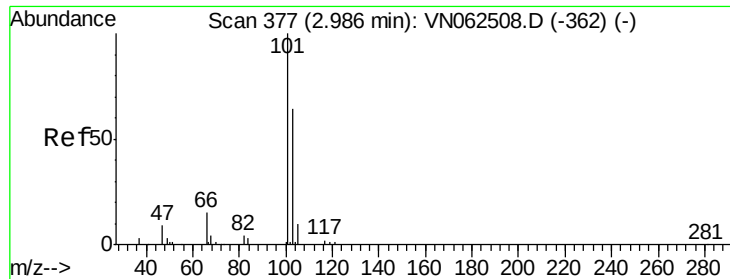
66 31.1 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

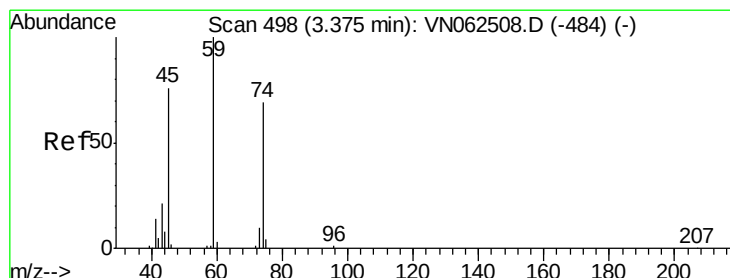
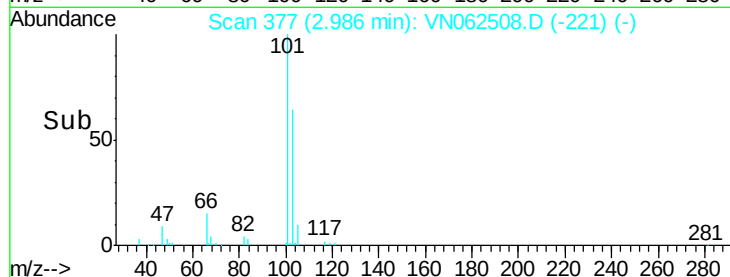
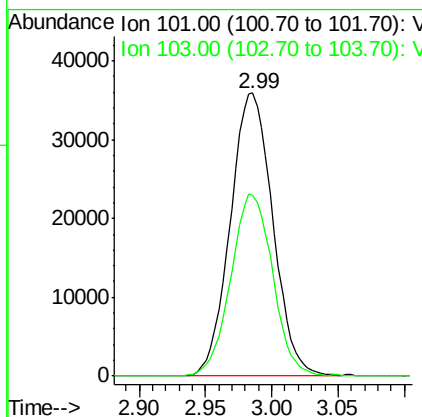
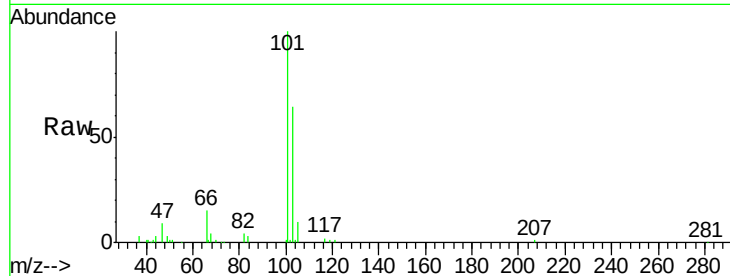
Trichlorofluoromethane
 Concen: 18.411 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		79974		
103	63.6	50.9	76.3		

Manual Integrations
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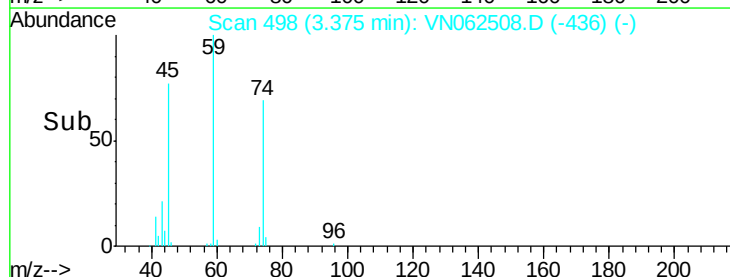
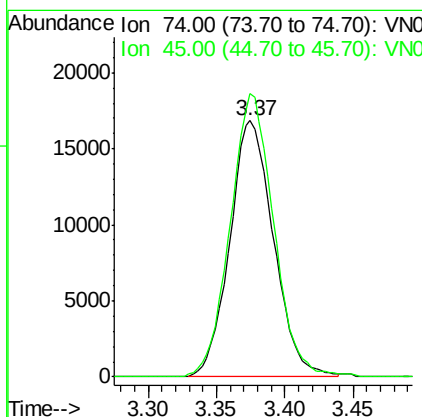
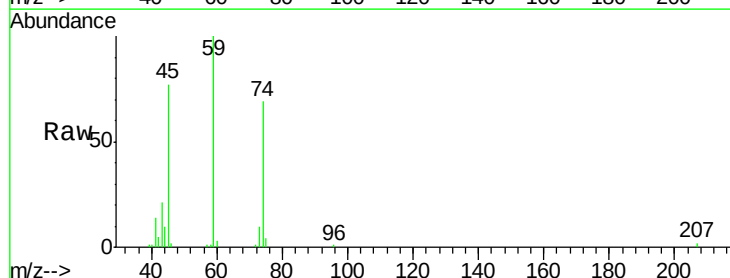
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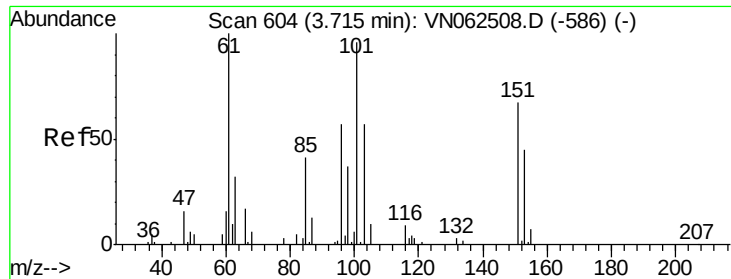


#8

Diethyl Ether
 Concen: 24.765 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		37567		
45	109.2	21.8	196.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.102 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

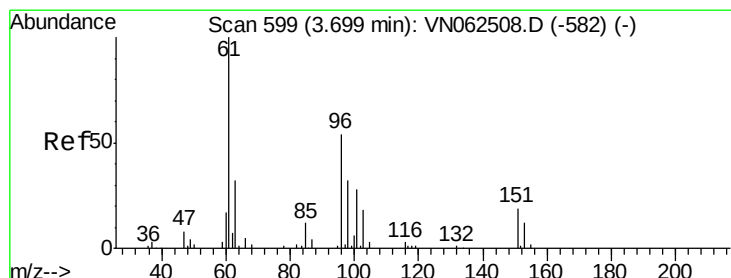
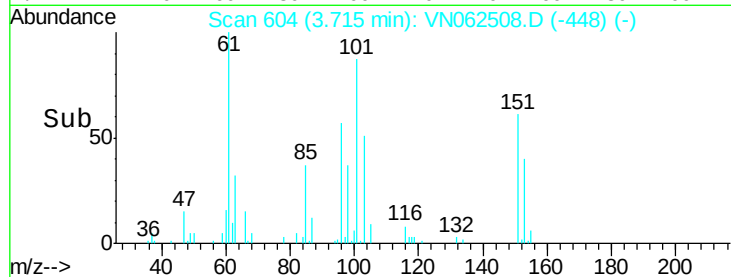
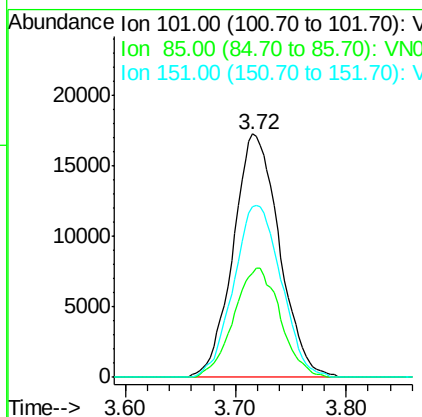
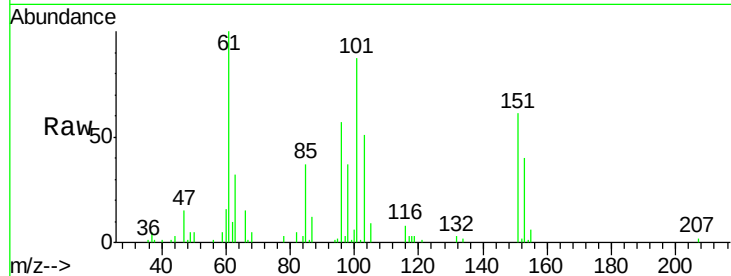
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	49996
Ion Ratio	Lower	Upper	
101	100		
85	45.2	0.0	90.4
151	72.8	0.0	145.6

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7/14/2020 11:36:40 AM



#10

1,1-Dichloroethene

Concen: 21.589 ug/l

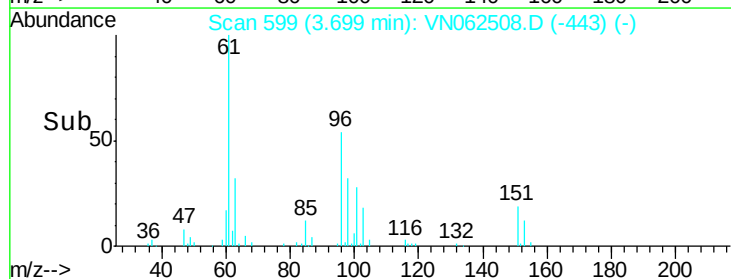
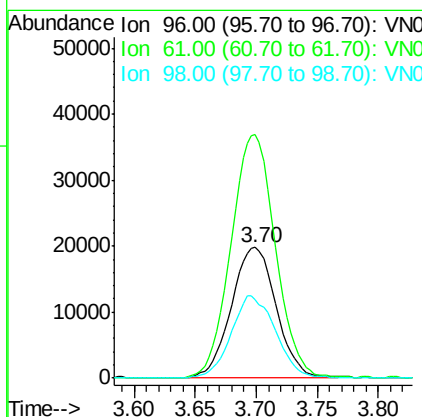
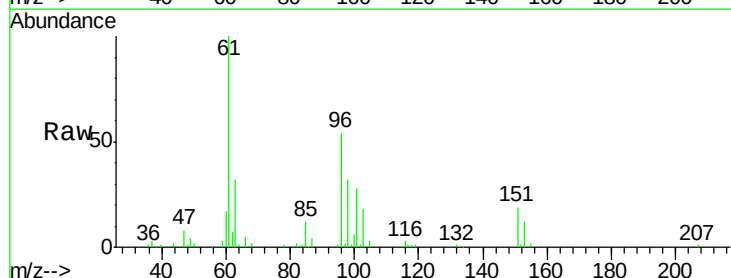
RT: 3.70 min Scan# 599

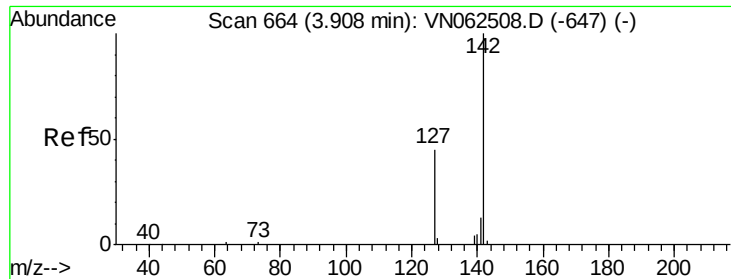
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	96	Resp:	50733
Ion Ratio	Lower	Upper	
96	100		
61	184.8	147.8	221.8
98	59.8	47.8	71.8





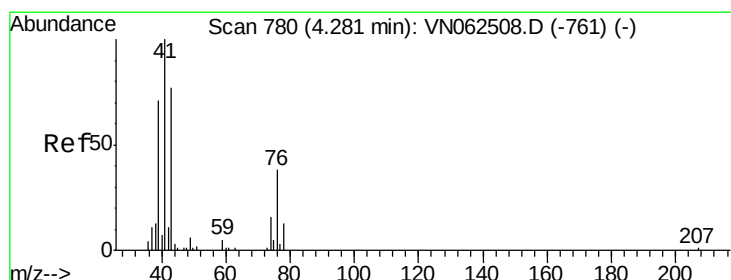
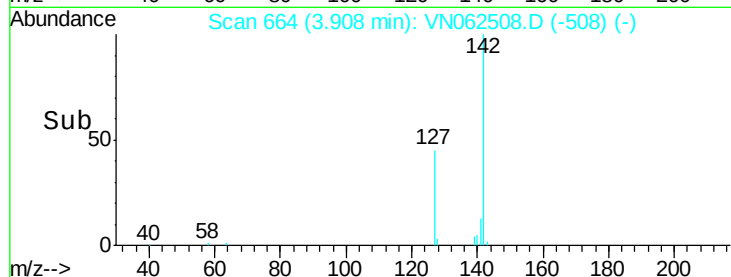
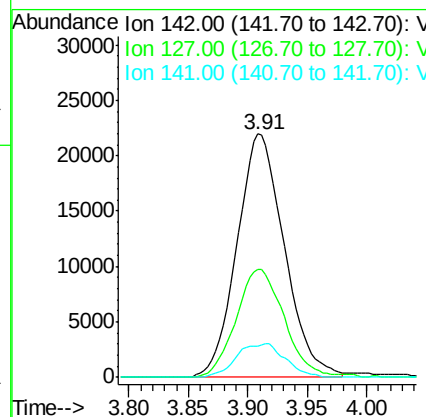
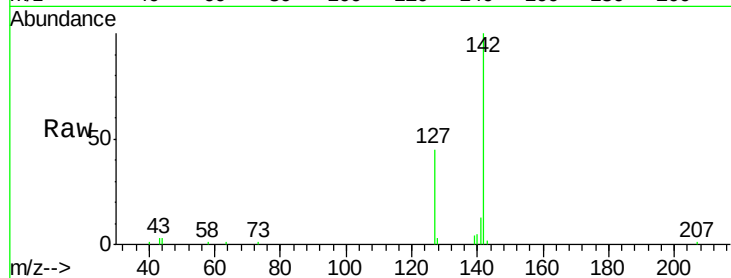
#11
Methvl Iodide
Concen: 19.471 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.3	22.1	66.5
141	12.9	6.5	19.4

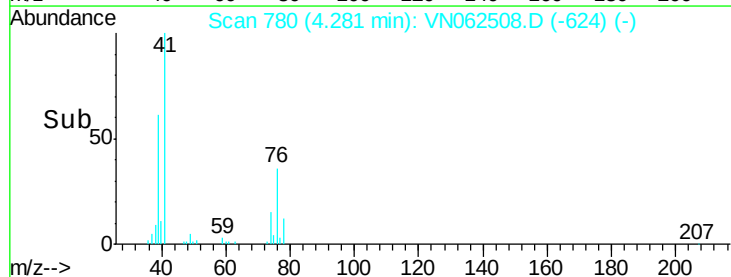
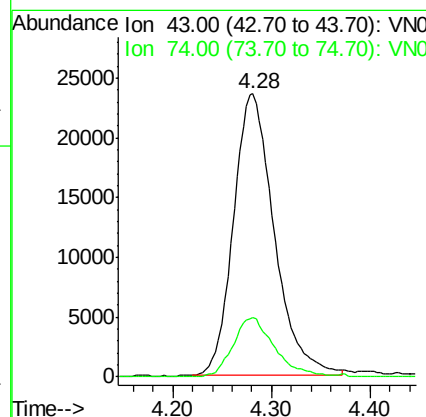
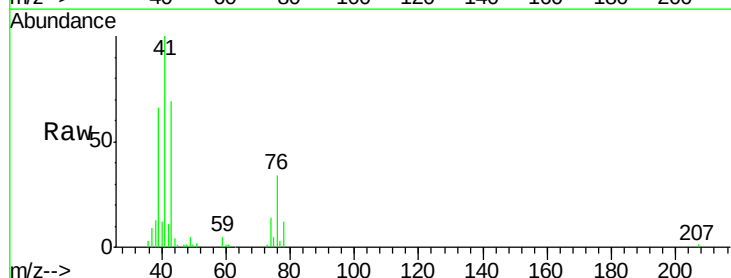
Manual Integrations
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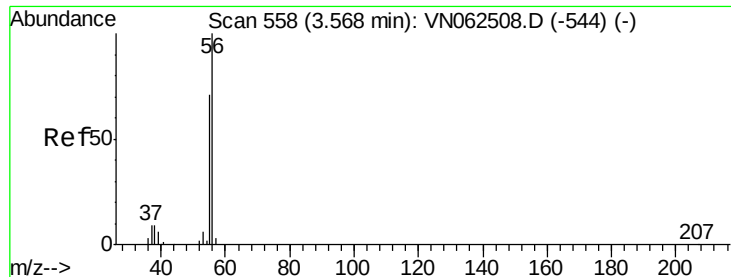
MMDadoda
7/14/2020 11:36:40 AM



#12
Methyl Acetate
Concen: 31.281 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1





#13

Acrolein

Concen: 172.264 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 52402

Ion Ratio Lower Upper

56 100

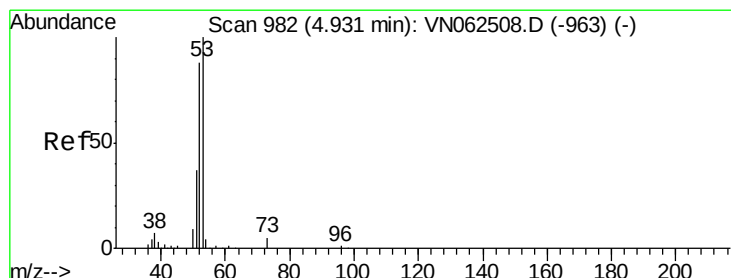
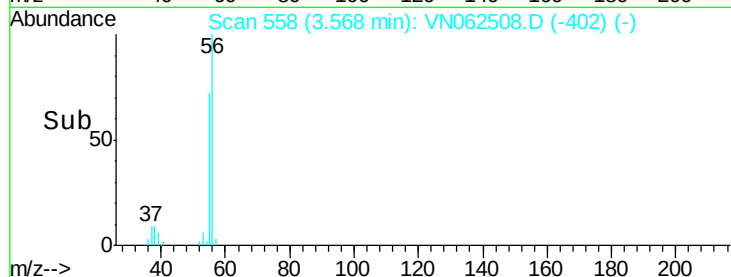
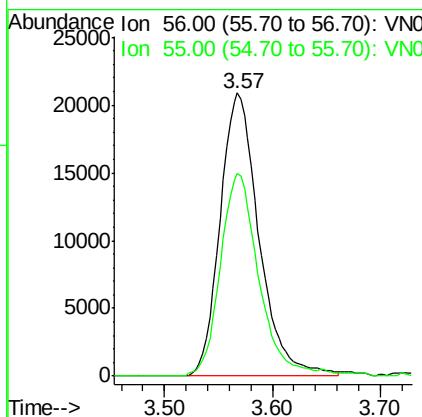
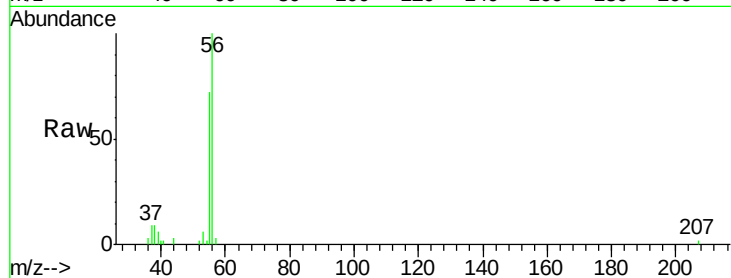
55 70.0 56.0 84.0

Manual Integrations

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MMDadoda

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#14

Acrylonitrile

Concen: 145.568 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

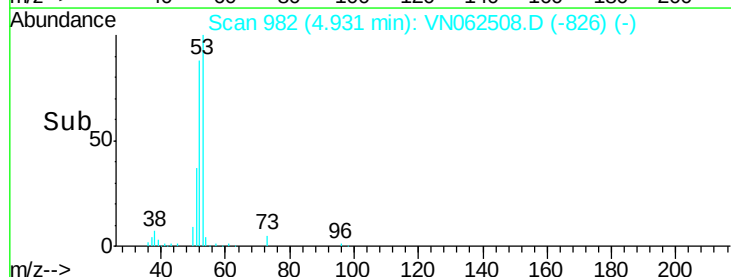
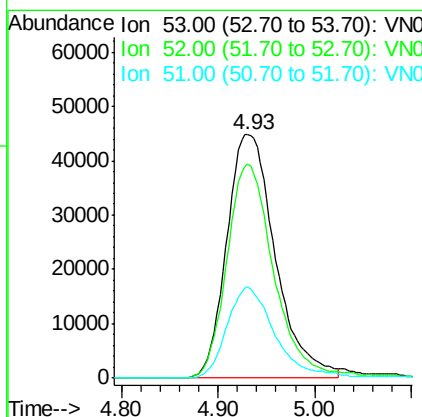
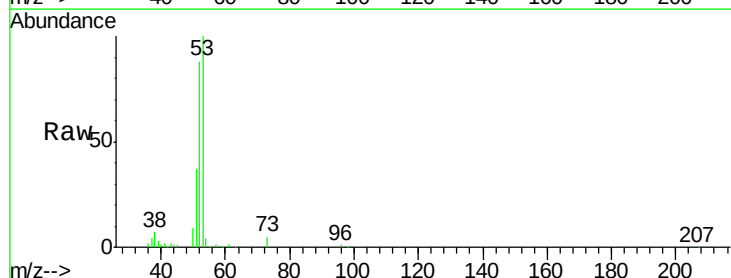
Tgt Ion: 53 Resp: 156594

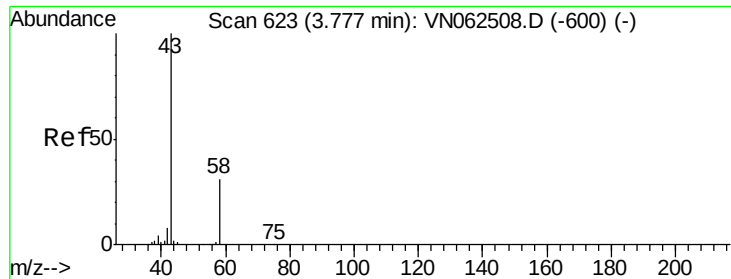
Ion Ratio Lower Upper

53 100

52 83.6 41.8 125.4

51 37.0 18.5 55.5





#15

Acetone

Concen: 169.007 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 58 Resp: 57495

Ion Ratio Lower Upper

58 100

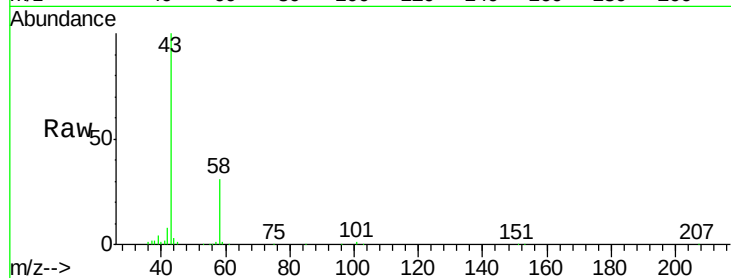
43 323.9 261.1 391.7

Manual Integrations

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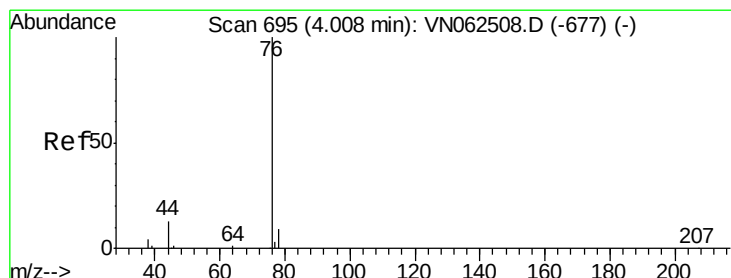
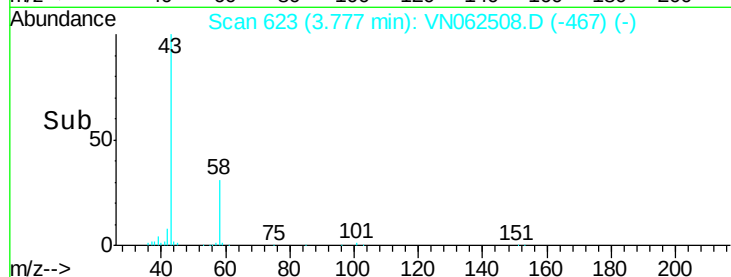
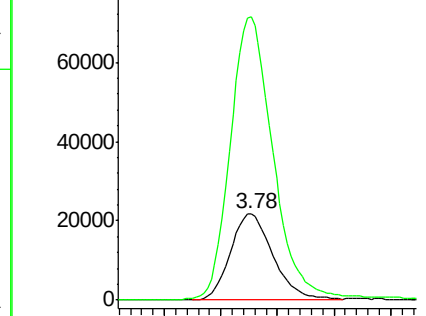
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VN062508.D (-600) (-)

Ion 43.00 (42.70 to 43.70): VN062508.D (-600) (-)



#16

Carbon Disulfide

Concen: 30.853 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062508.D

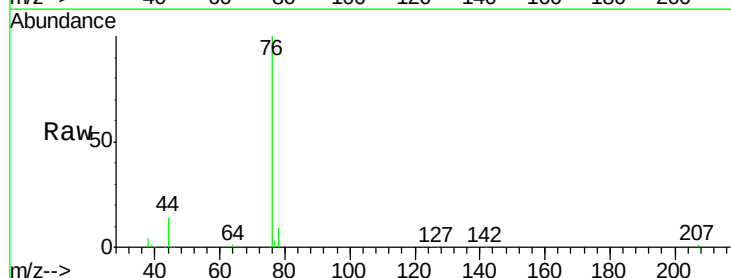
Acq: 13 Jul 2020 10:00

Tgt Ion: 76 Resp: 163047

Ion Ratio Lower Upper

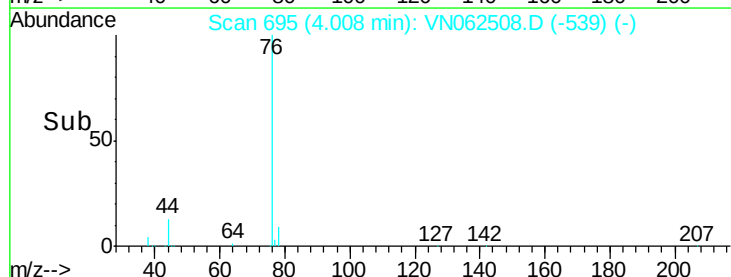
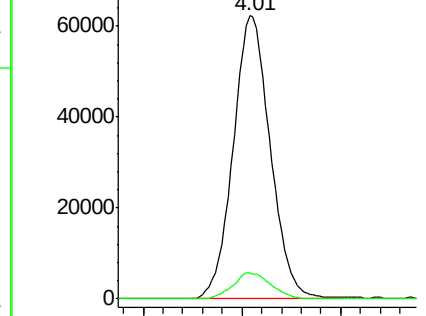
76 100

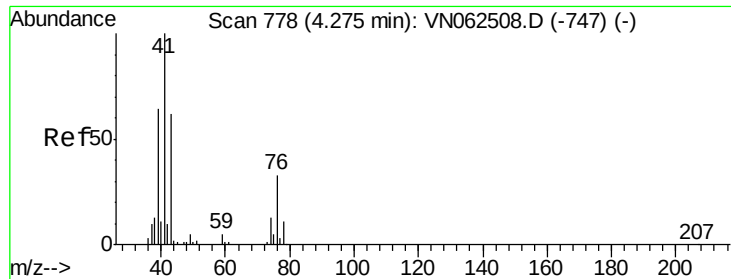
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN062508.D (-677) (-)

Ion 78.00 (77.70 to 78.70): VN062508.D (-677) (-)





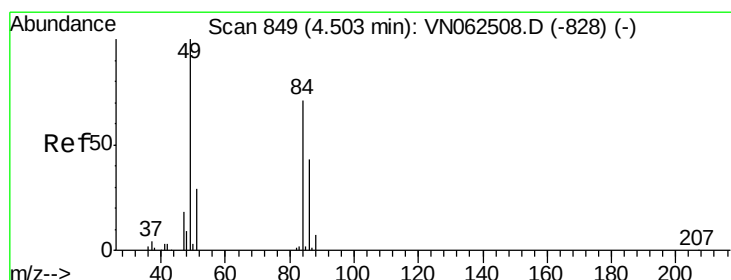
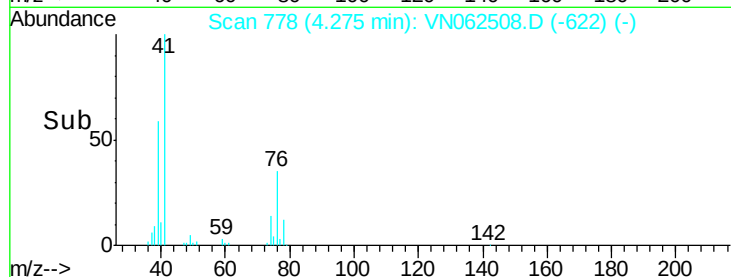
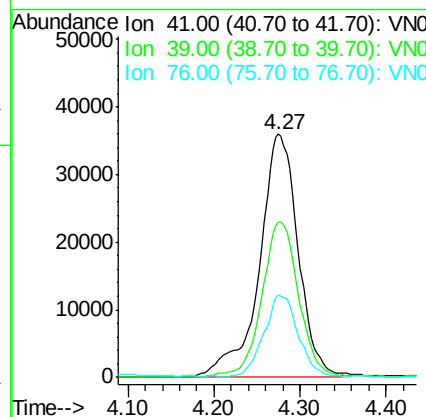
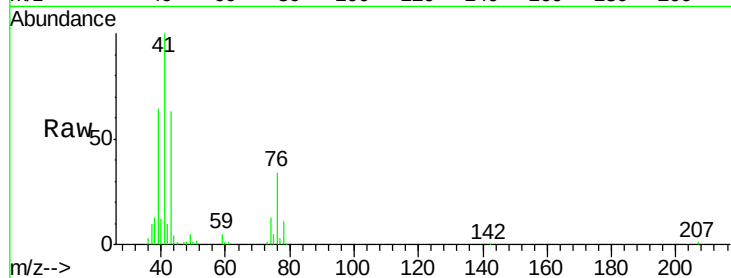
#17
Allvl chloride
Concen: 35.207 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	63.7	31.9	95.5	
76	33.2	16.6	49.8	

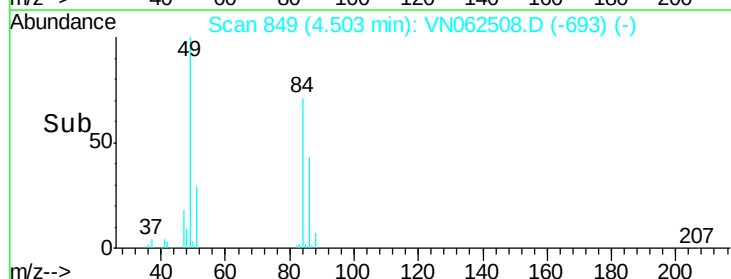
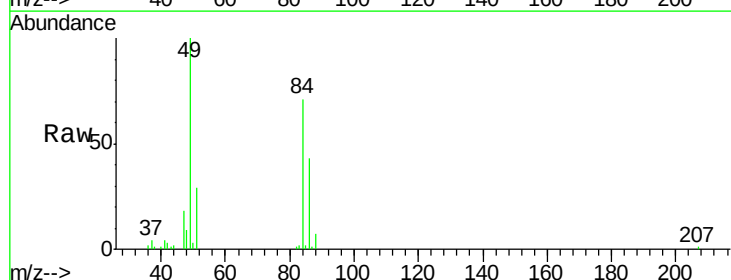
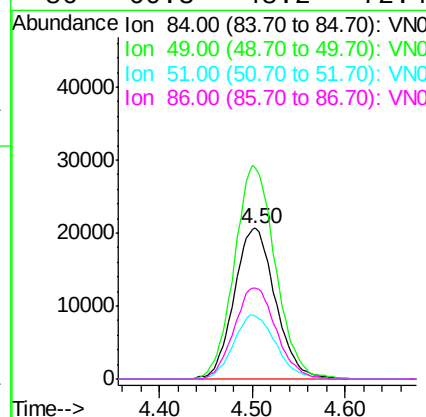
Manual Integrations
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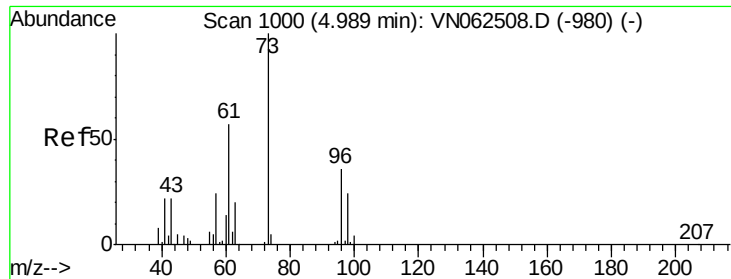
MMDadoda
7/14/2020 11:36:40 AM



#18
Methylene Chloride
Concen: 23.092 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
84	100			
49	140.1	112.1	168.1	
51	41.2	33.0	49.4	
86	60.3	48.2	72.4	





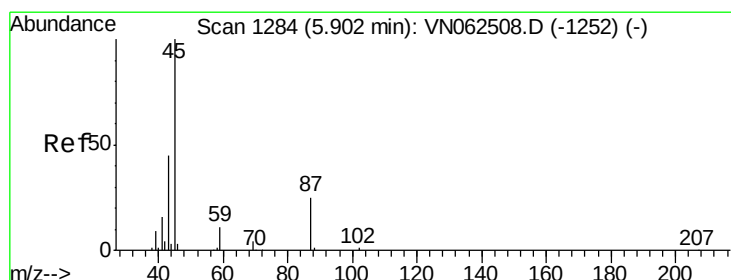
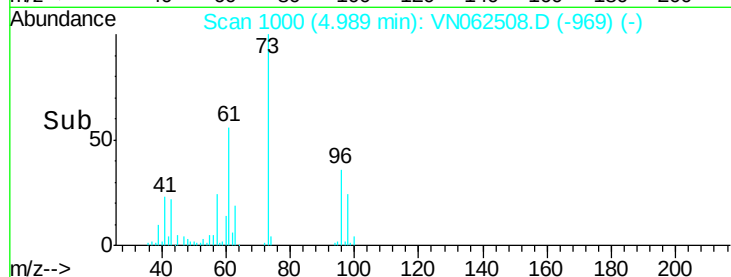
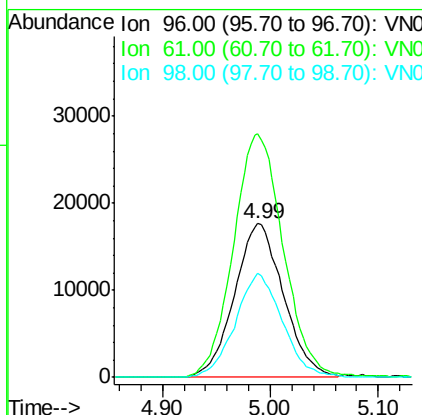
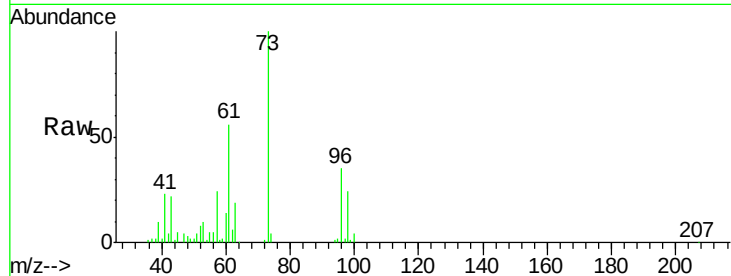
#19
trans-1,2-Dichloroethene
Concen: 21.352 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.1	125.7	188.5
98	67.6	54.1	81.1

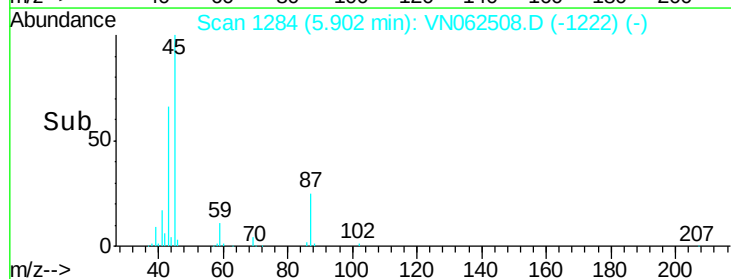
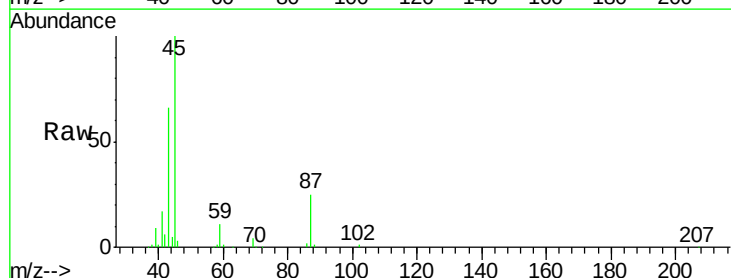
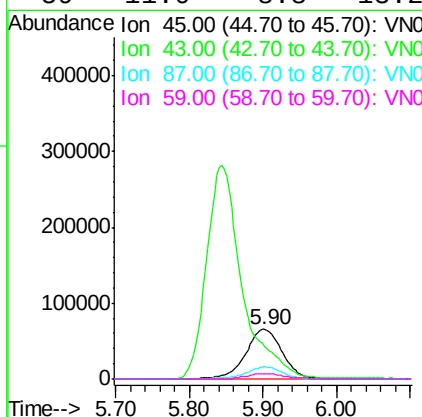
Manual Integrations
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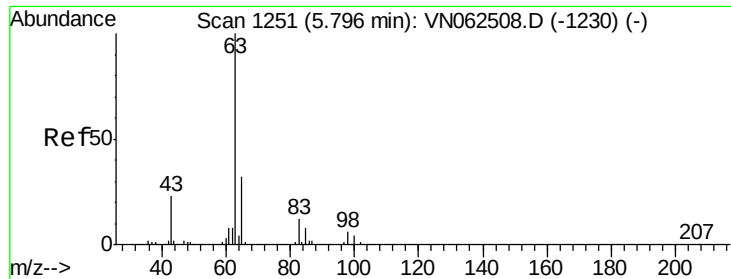
MMDadoda
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#20
Diisopropyl ether
Concen: 30.961 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.1	51.3	76.9
87	24.7	19.8	29.6
59	11.0	8.8	13.2





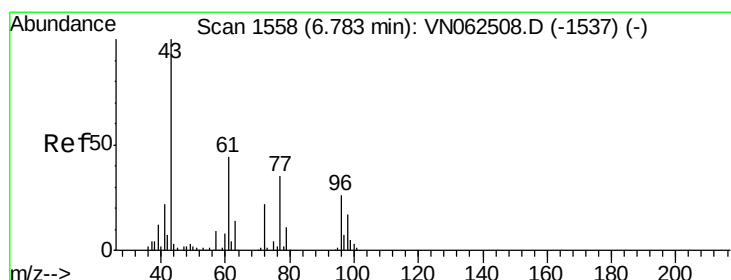
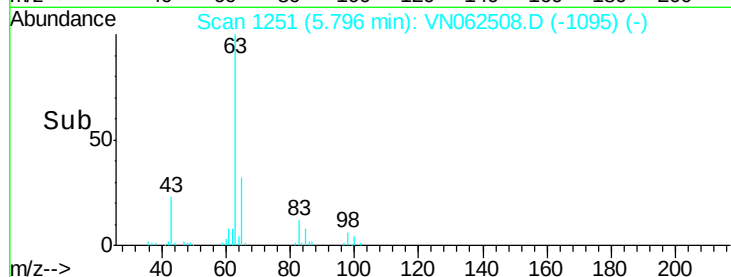
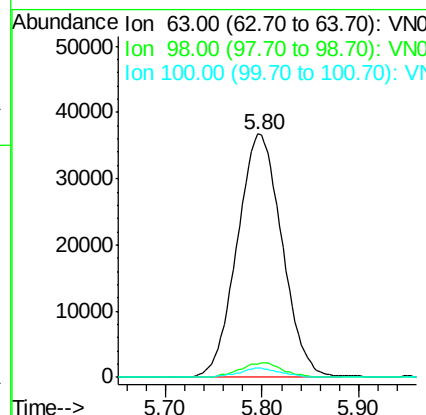
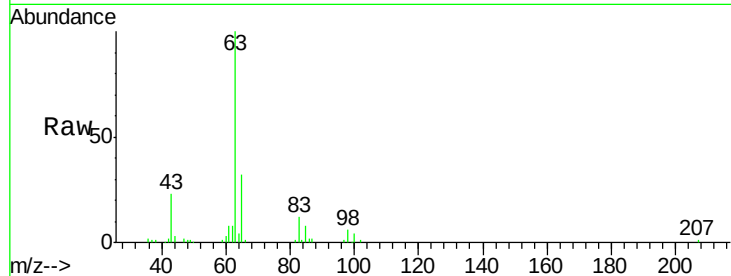
#21
 1,1-Dichloroethane
 Concen: 26.205 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.6	2.8	8.4	
100	3.9	2.0	5.8	

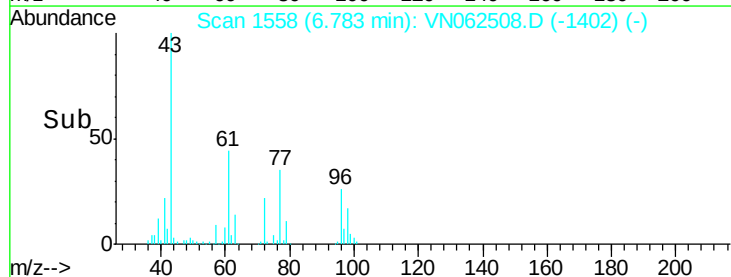
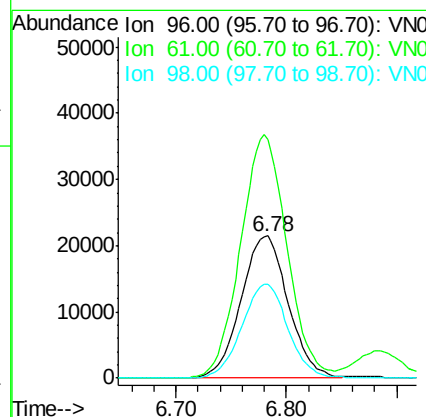
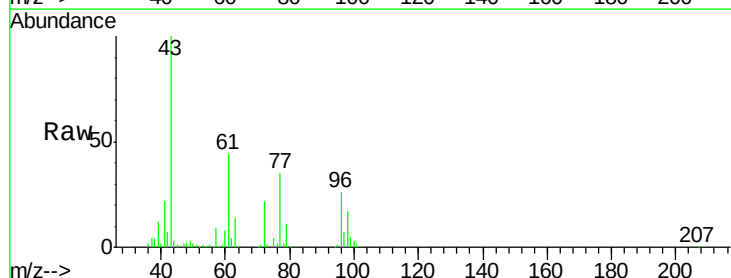
Manual Integrations
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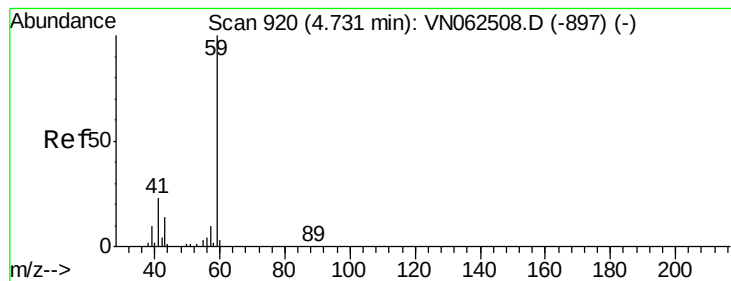
MMDadoda
 7/14/2020 11:36:40 AM



#22
 cis-1,2-Dichloroethene
 Concen: 20.758 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	168.6	134.9	202.3	
98	64.4	51.5	77.3	





#23

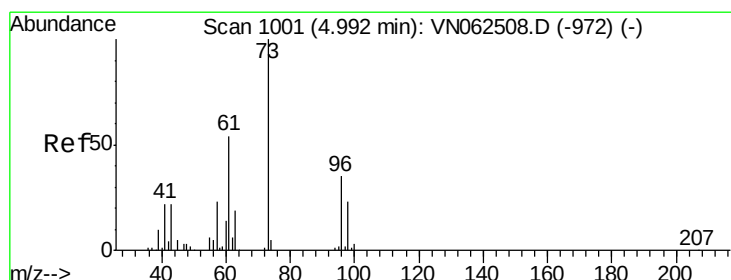
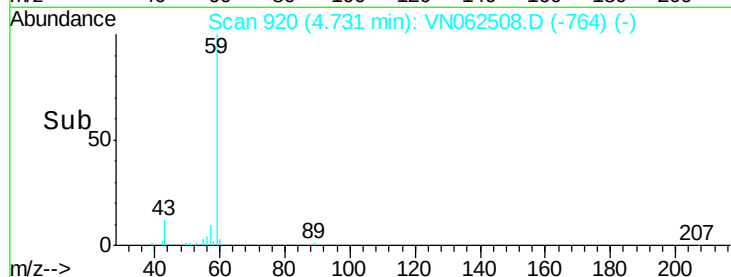
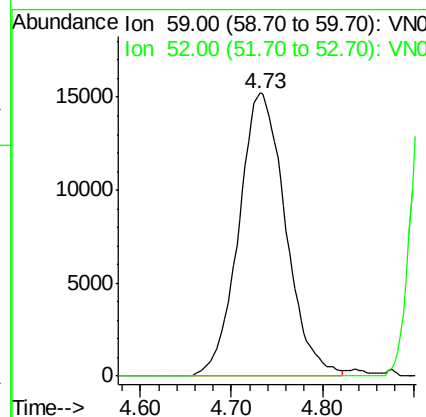
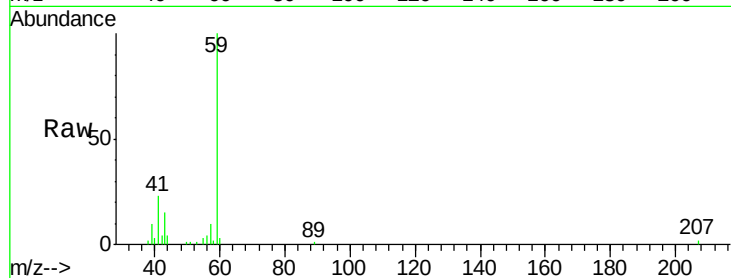
tert-Butyl Alcohol
 Concen: 134.171 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Manual Integrations
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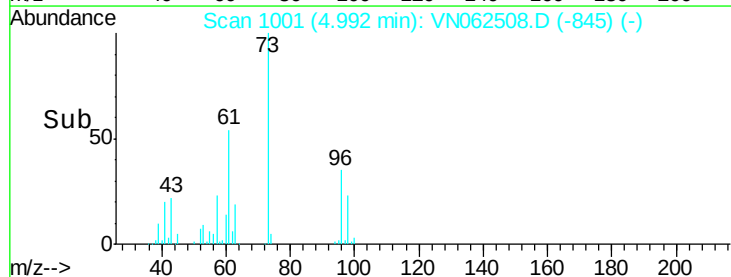
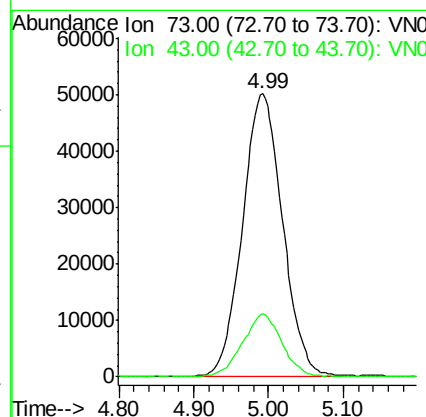
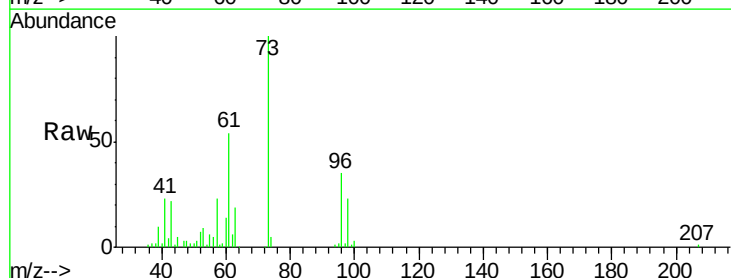
MMDadoda
 7/14/2020 11:36:40 AM

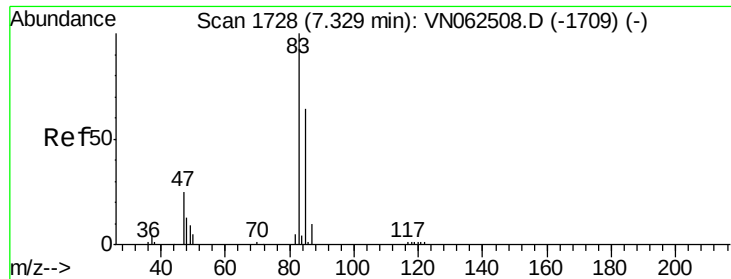


#24

Methyl tert-Butyl Ether
 Concen: 24.039 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.1	16.9	25.3





#25

Chloroform

Concen: 22.128 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 107916

Ion Ratio Lower Upper

83 100

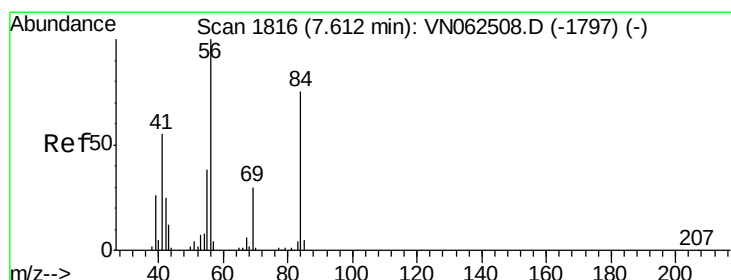
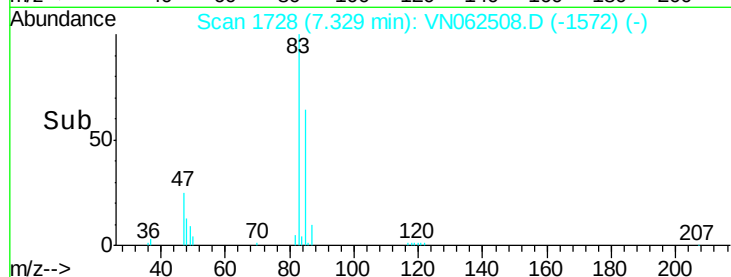
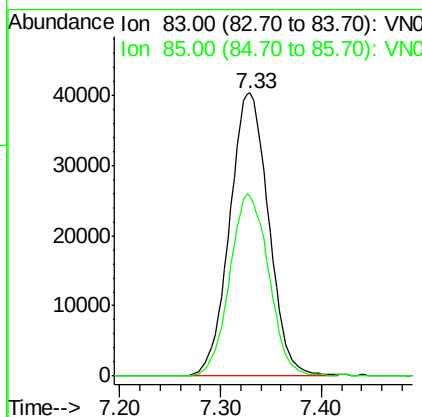
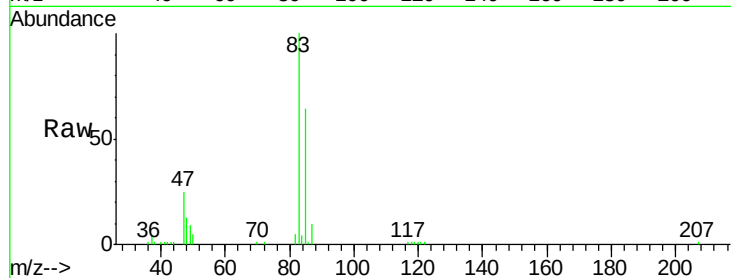
85 63.7 51.0 76.4

Manual Integrations

APPROVED

MMDadoda

7/14/2020 11:36:40 AM



#26

Cyclohexane

Concen: 28.791 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

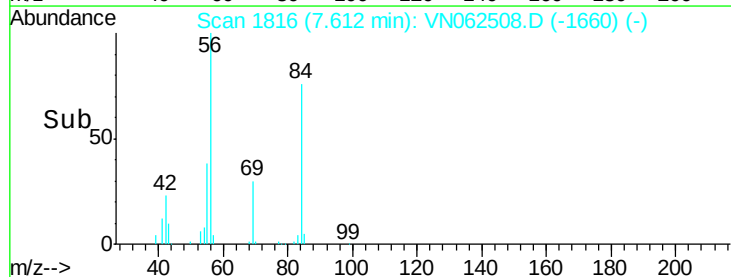
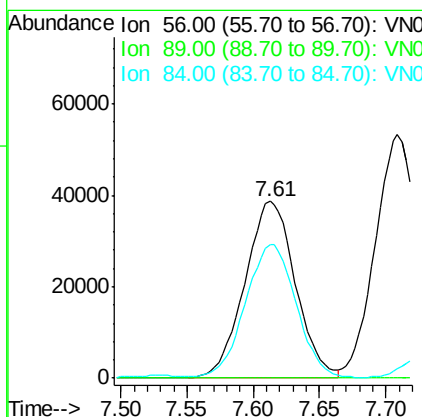
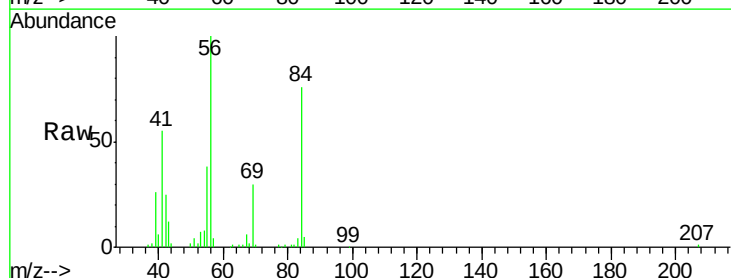
Tgt Ion: 56 Resp: 102925

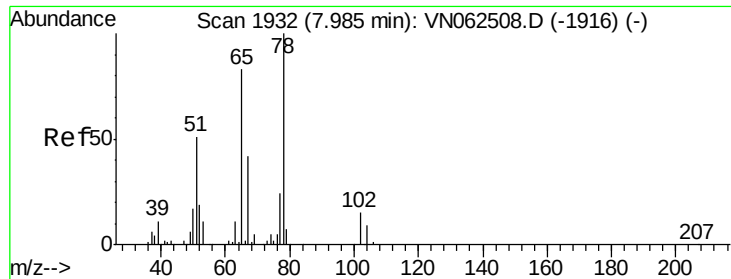
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 76.4 61.1 91.7





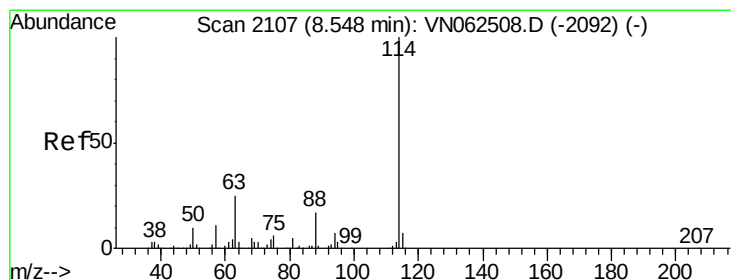
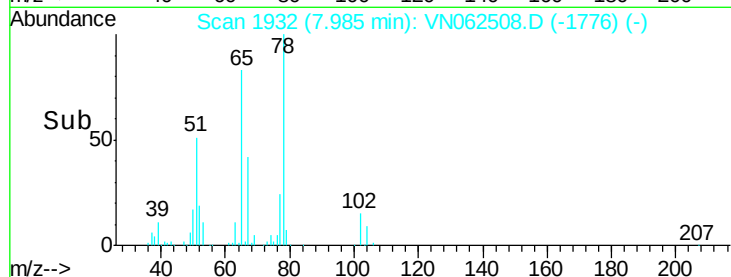
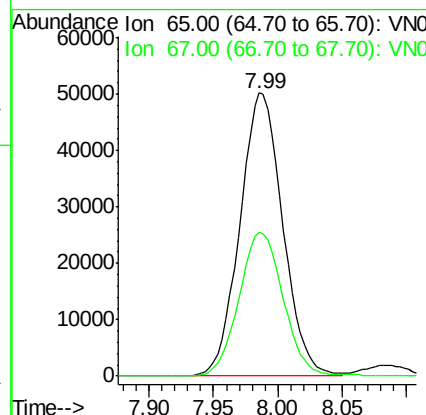
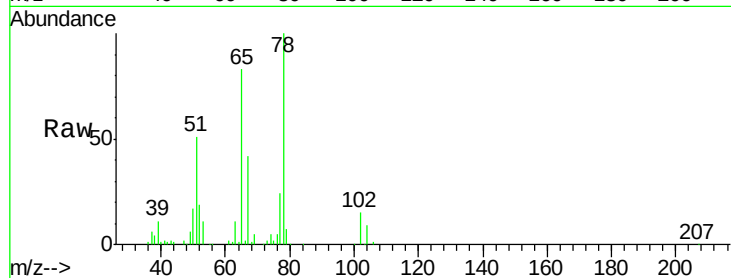
#27
 1,2-Dichloroethane-d4
 Concen: 38.550 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	41.7	62.5

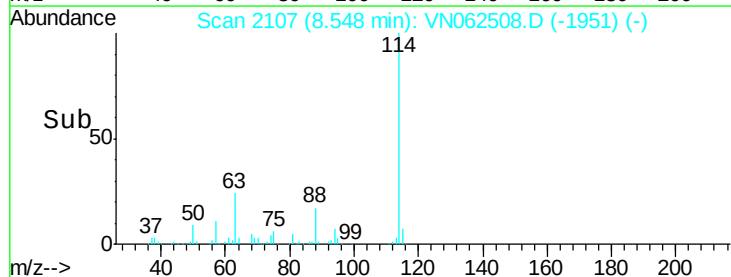
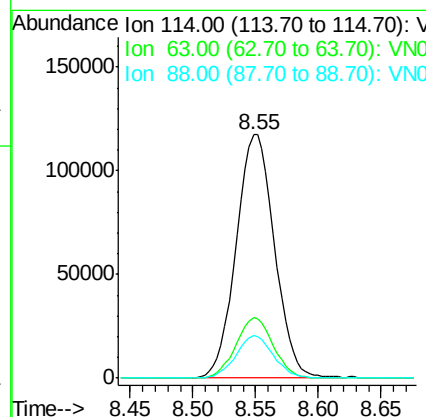
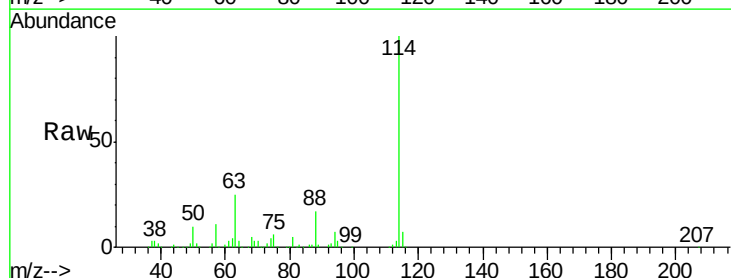
Manual Integrations
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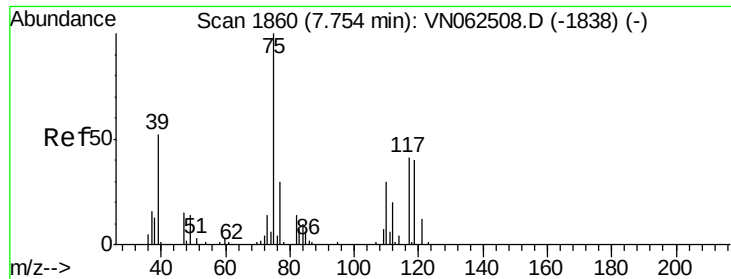
MMDadoda
 7/14/2020 11:36:40 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.0
88	16.9	13.5	20.3





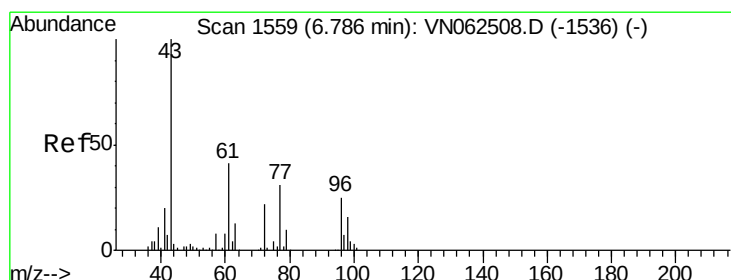
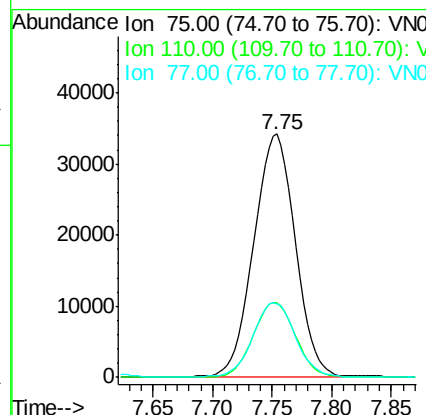
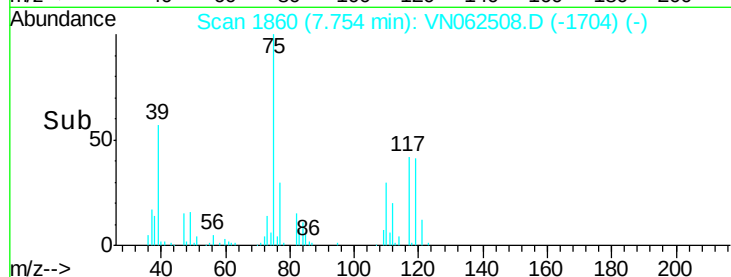
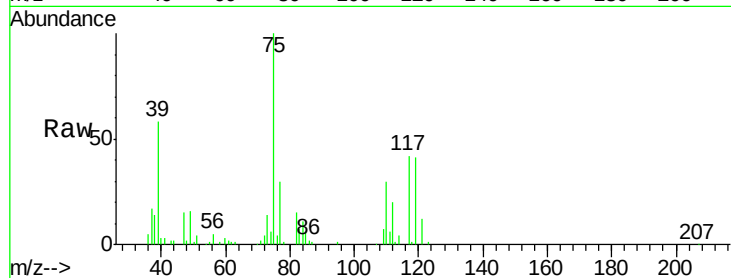
#29
 1,1-Dichloropropene
 Concen: 23.340 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.2	0.0	62.4
77	31.4	0.0	62.8

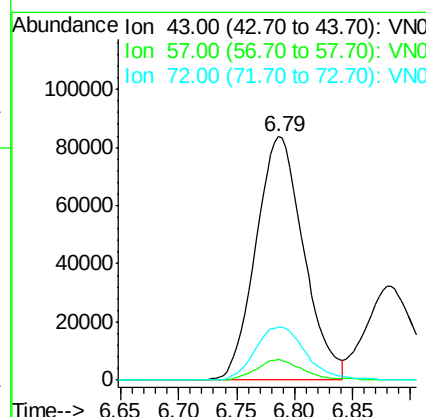
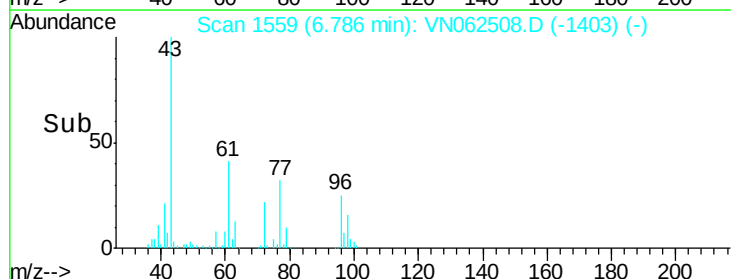
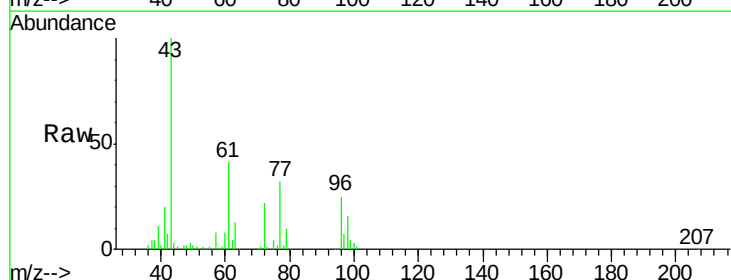
Manual Integrations
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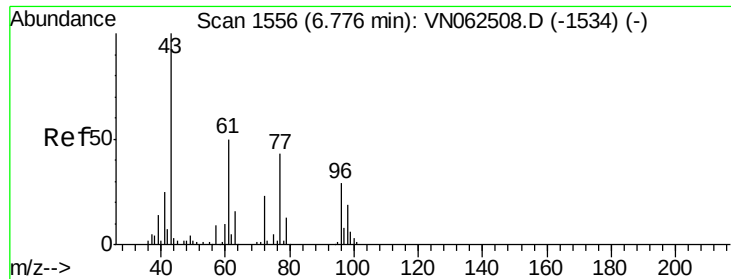
MMDadoda
 7/14/2020 11:36:40 AM



#30
 2-Butanone
 Concen: 167.692 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	9.8
72	23.1	18.5	27.7





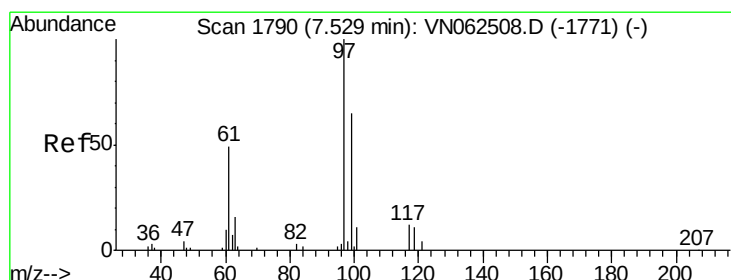
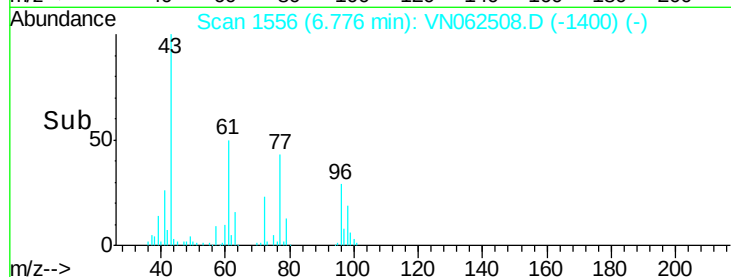
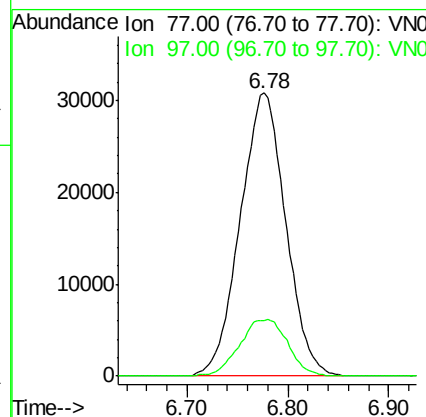
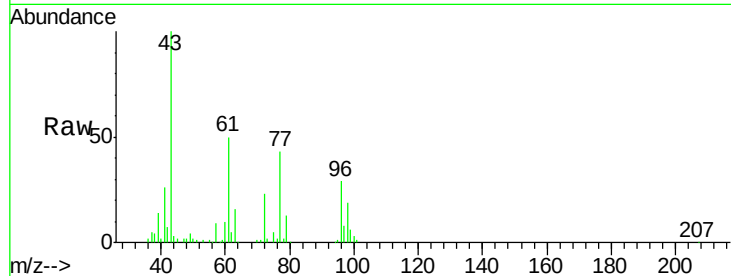
#31
 2,2-Dichloropropane
 Concen: 23.144 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 77 Resp: 96422
 Ion Ratio Lower Upper
 77 100
 97 10.7 8.6 12.8

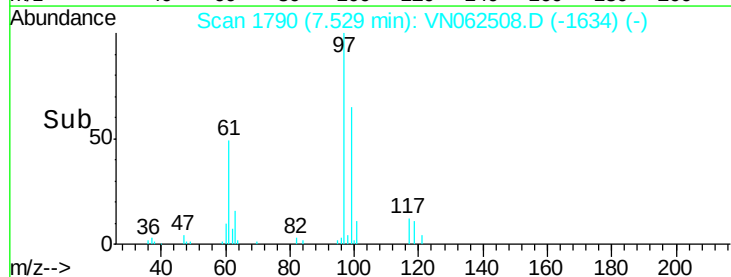
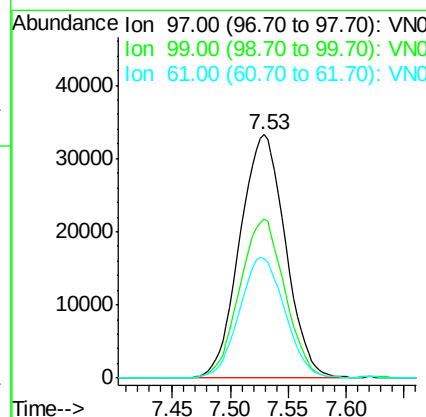
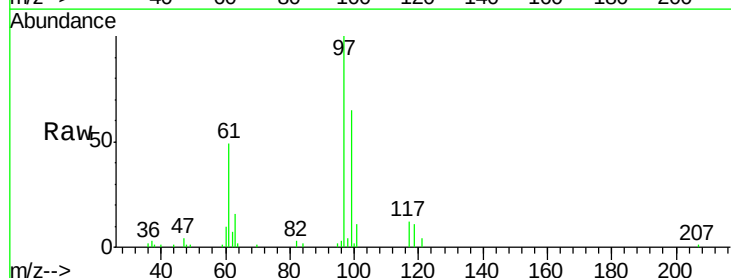
Manual Integrations
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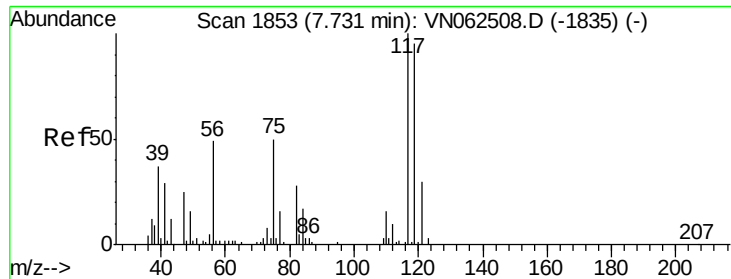
MMDadoda
 7/14/2020 11:36:40 AM



#32
 1,1,1-Trichloroethane
 Concen: 20.630 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 97 Resp: 90851
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.8
 61 49.2 39.4 59.0





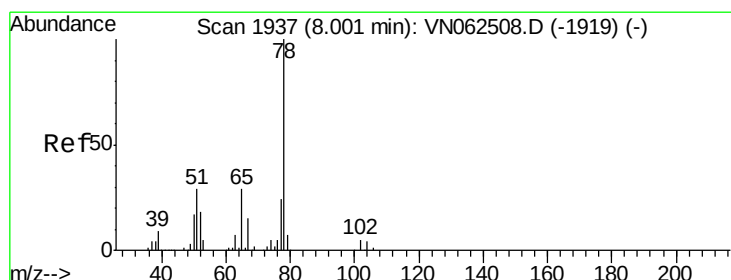
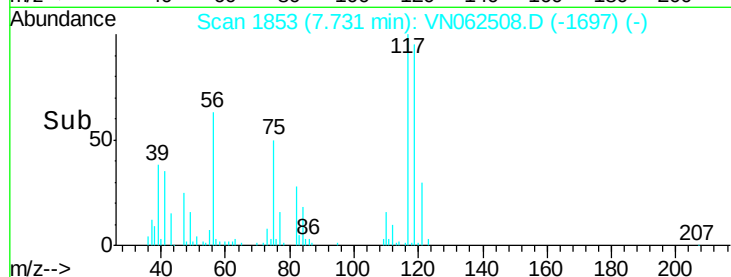
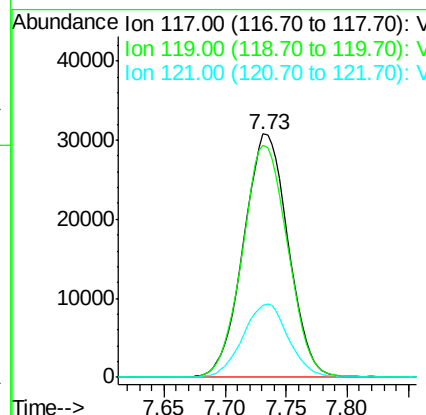
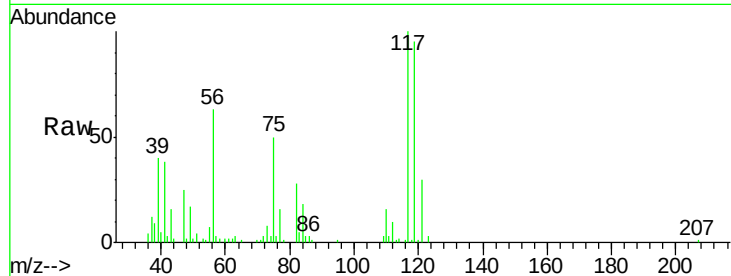
#33
Carbon Tetrachloride
Concen: 21.458 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.4
121	29.7	23.8	35.6

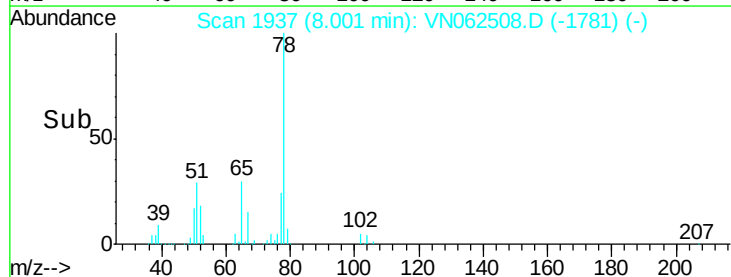
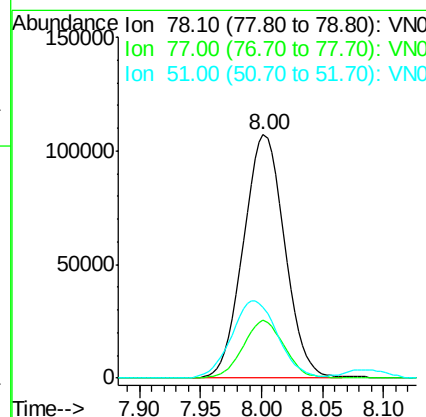
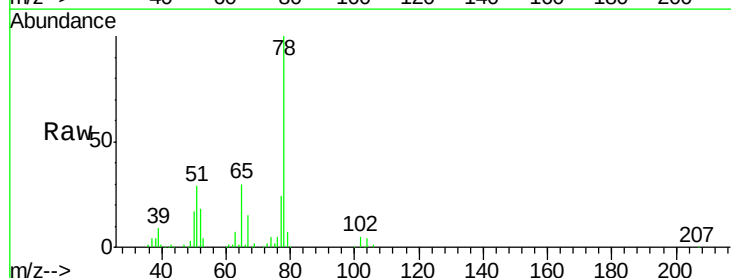
Manual Integrations
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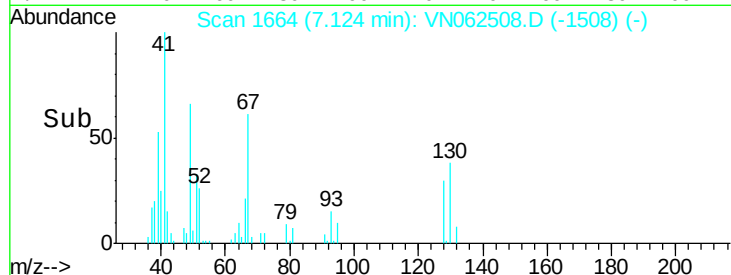
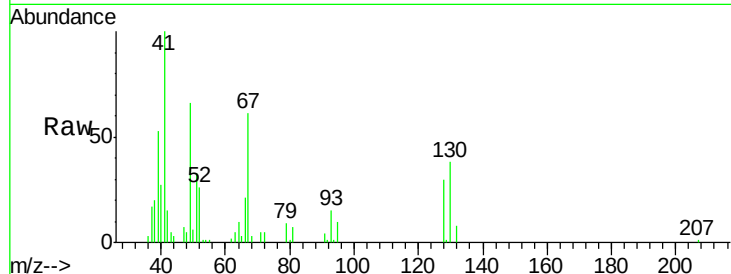
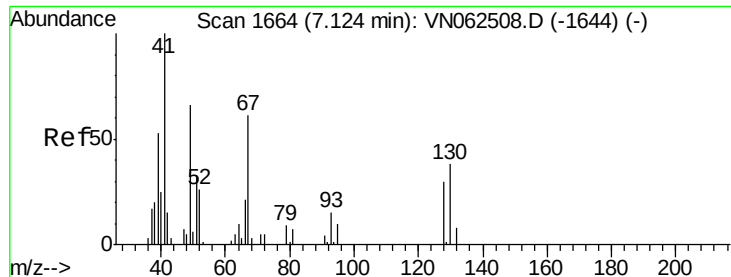
MMDadoda
7/14/2020 11:36:40 AM



#34
Benzene
Concen: 22.779 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3
51	28.9	23.1	34.7





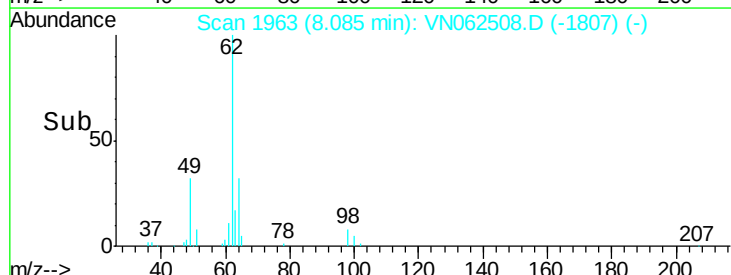
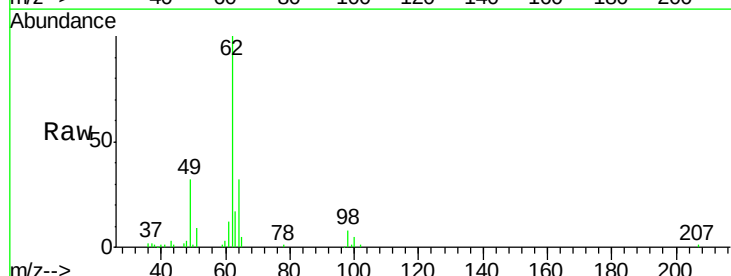
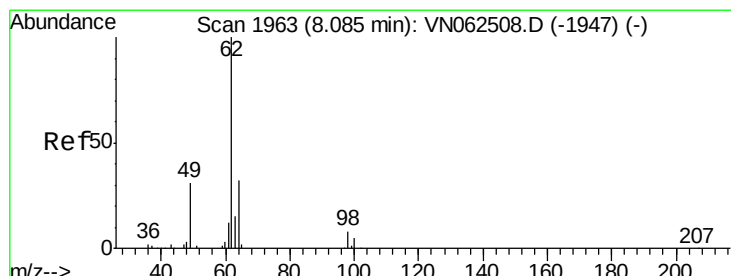
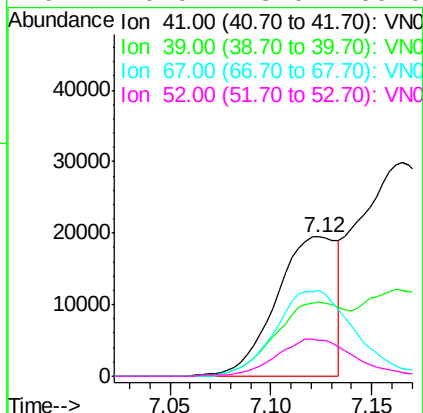
#35
Methacrylonitrile
Concen: 32.478 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tot Ion	41	Resp	40947
Ion Ratio	Lower	Upper	
41	100		
39	53.0	26.5	79.5
67	61.4	30.7	92.1
52	26.0	13.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

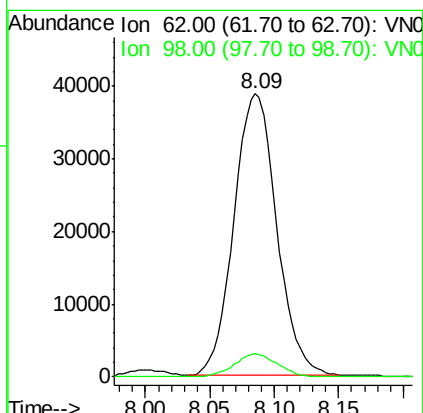
Manual Integrations
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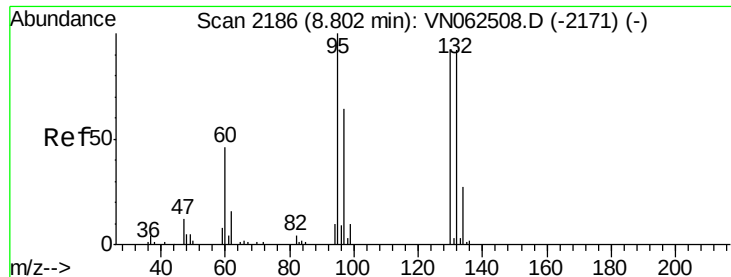
MMDadoda
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#36
1,2-Dichloroethane
Concen: 24.405 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	62	Resp	89424
Ion Ratio	Lower	Upper	
62	100		
98	8.2	6.6	9.8





#37

Trichloroethene

Concen: 17.401 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:130 Resp: 56114

Ion Ratio Lower Upper

130 100

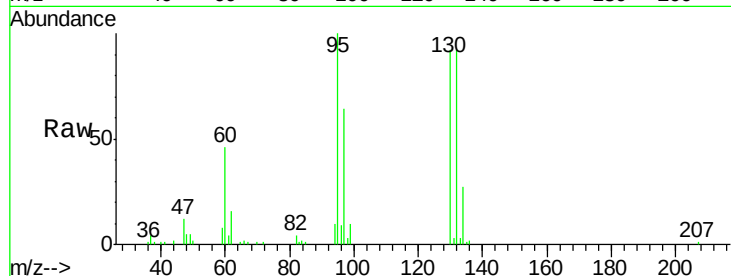
95 108.1 86.5 129.7

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

30000

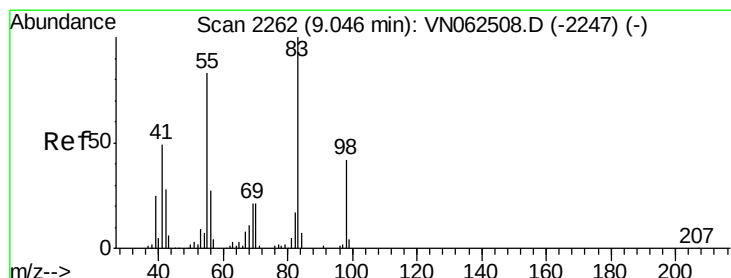
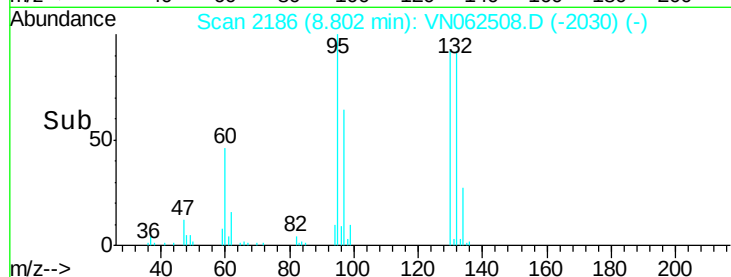
20000

10000

0

8.75 8.80 8.85

Time-->



#38

Methylcyclohexane

Concen: 23.133 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

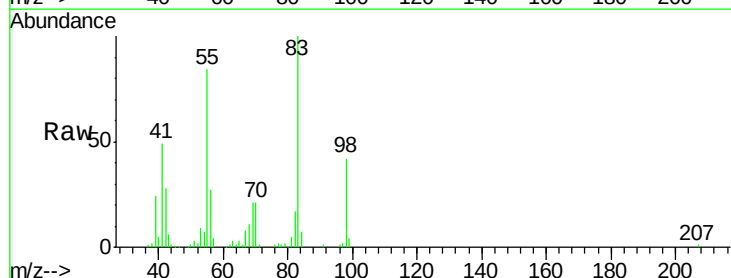
Tgt Ion: 83 Resp: 91937

Ion Ratio Lower Upper

83 100

55 85.5 42.8 128.3

98 43.8 21.9 65.7



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

60000

50000

40000

30000

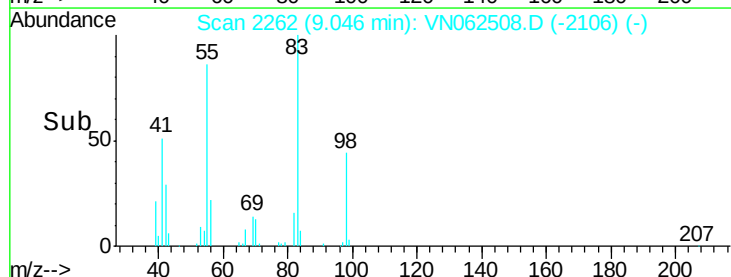
20000

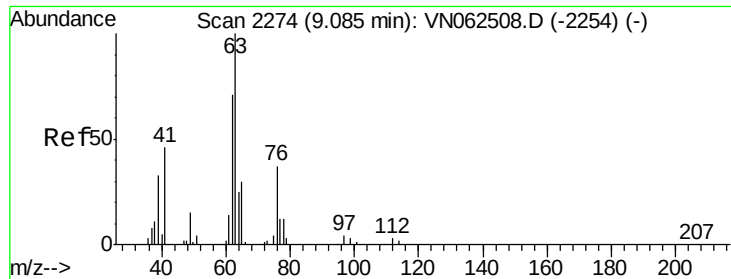
10000

0

8.95 9.00 9.05 9.10

Time-->





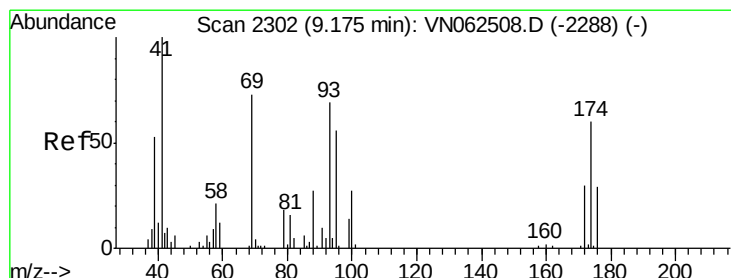
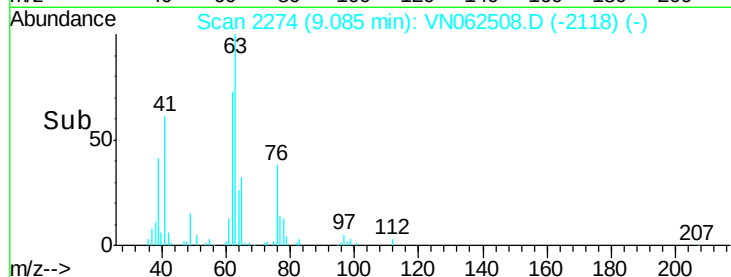
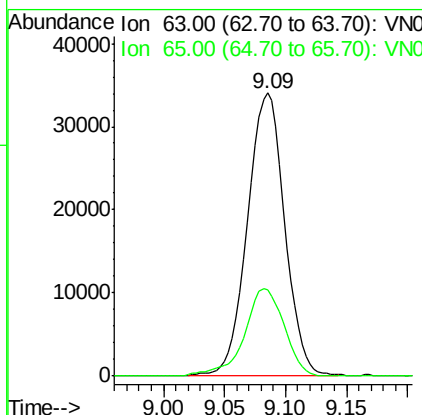
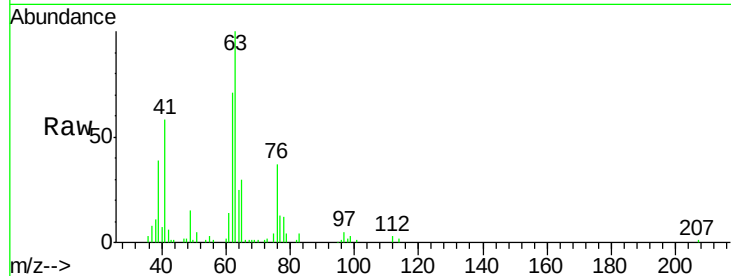
#39
 1,2-Dichloropropane
 Concen: 25.940 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.4

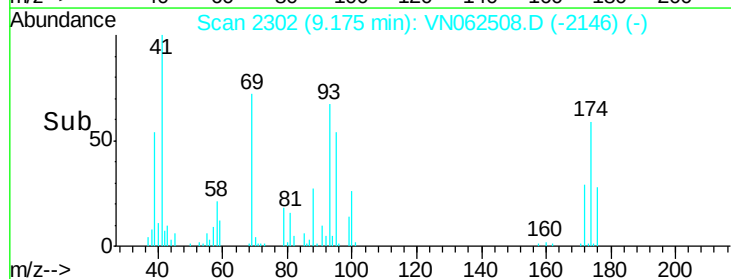
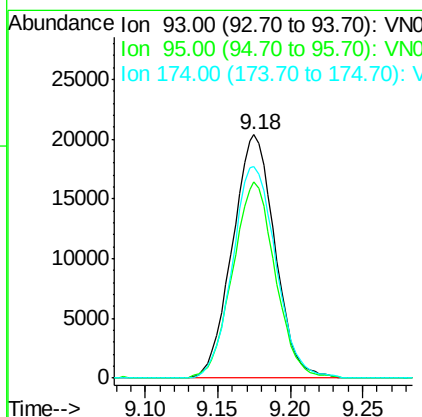
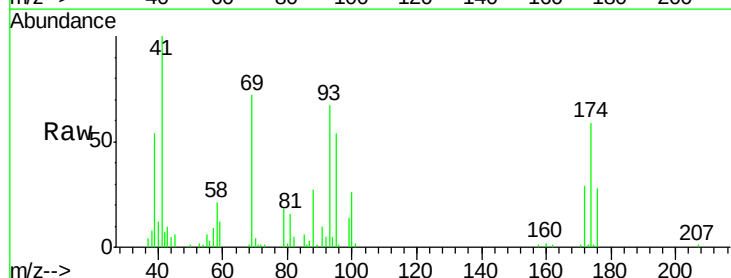
Manual Integrations
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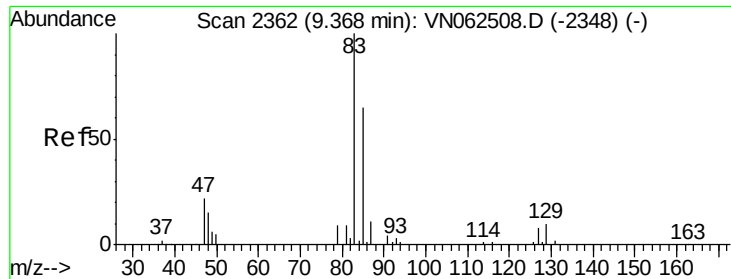
MMDadoda
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#40
 Dibromomethane
 Concen: 21.241 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	0.0	161.2
174	89.0	0.0	178.0





#41

Bromodichloromethane

Concen: 21.844 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

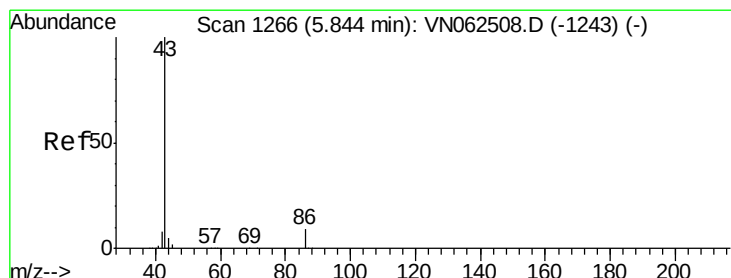
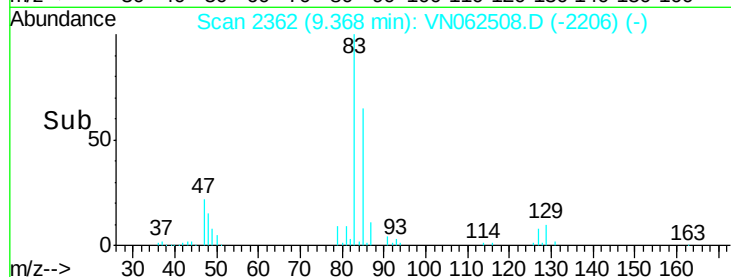
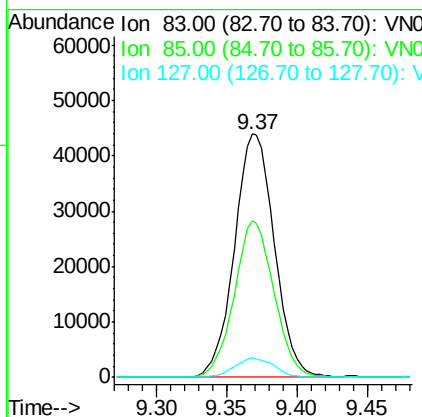
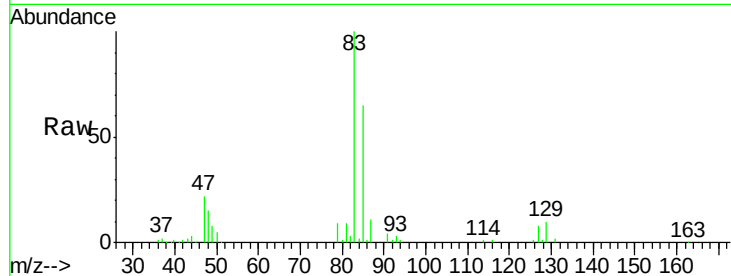
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	87193
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.6	77.4
127	7.9	6.3	9.5

Manual Integrations
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7/14/2020 11:36:40 AM



#42

Vinyl Acetate

Concen: 163.156 ug/l

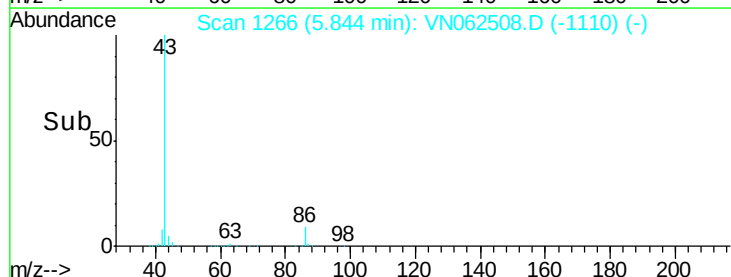
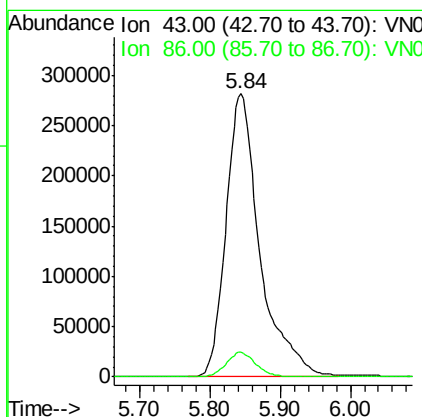
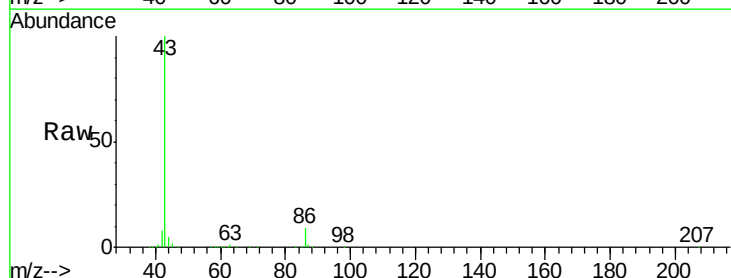
RT: 5.84 min Scan# 1266

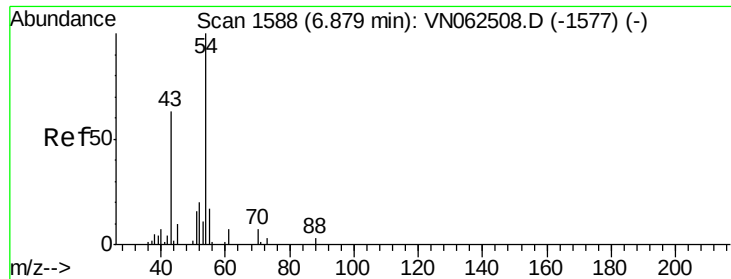
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	43	Resp:	946051
Ion Ratio	Lower	Upper	
43	100		
86	7.6	6.1	9.1





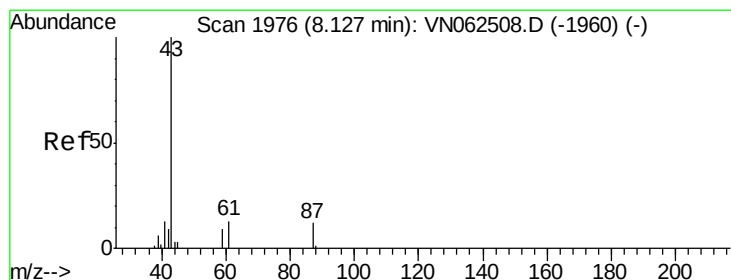
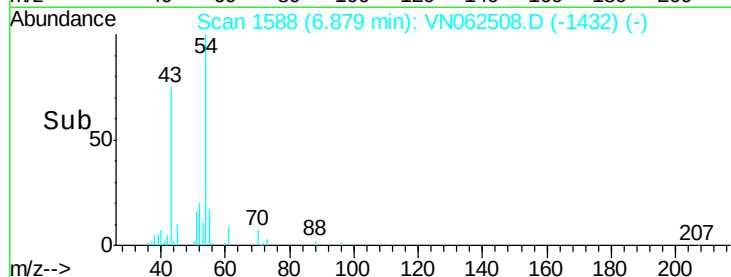
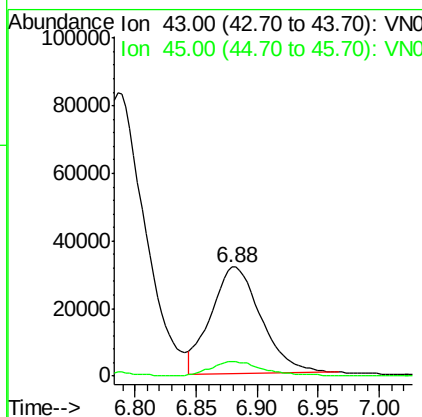
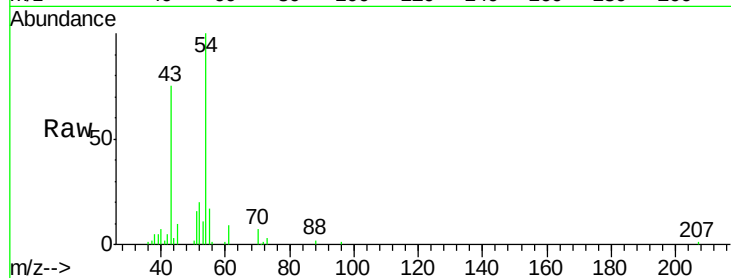
#43
Ethyl Acetate
Concen: 31.425 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 90278
Ion Ratio Lower Upper
43 100
45 12.8 10.2 15.4

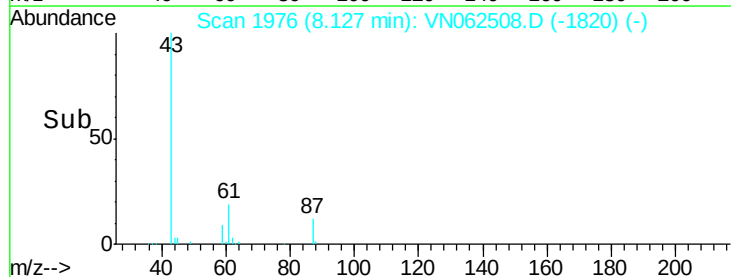
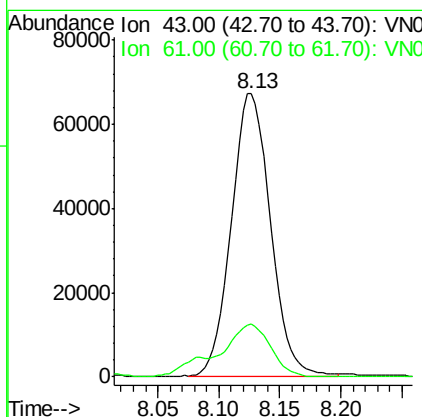
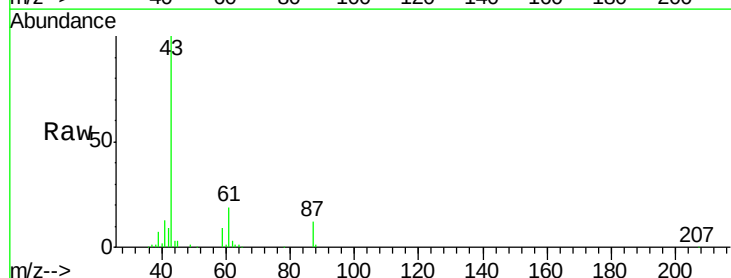
Manual Integrations
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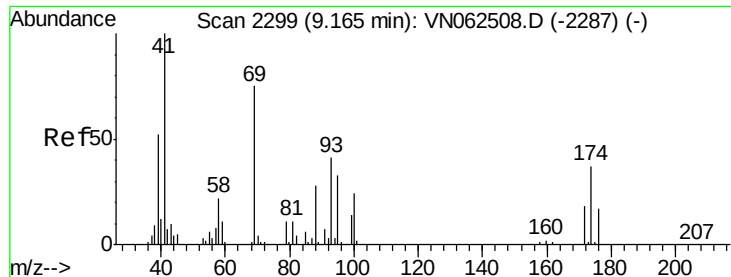
MMDadoda
7/14/2020 11:36:40 AM



#44
Isopropyl Acetate
Concen: 29.889 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 43 Resp: 149358
Ion Ratio Lower Upper
43 100
61 18.4 14.7 22.1





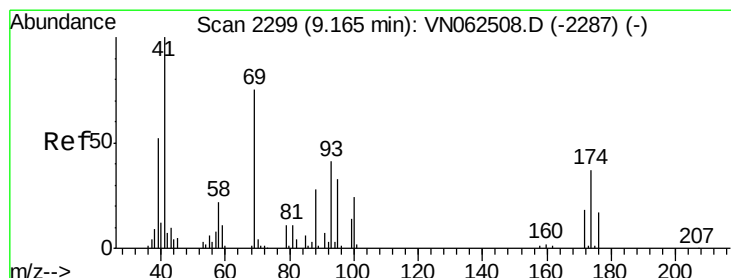
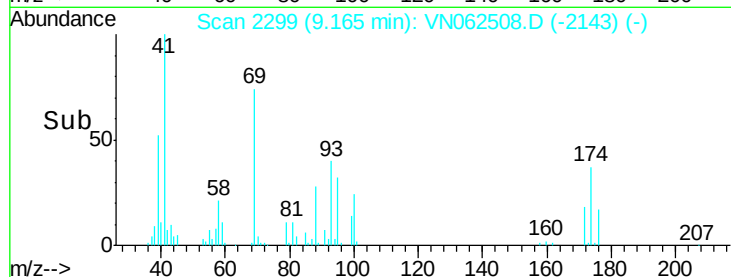
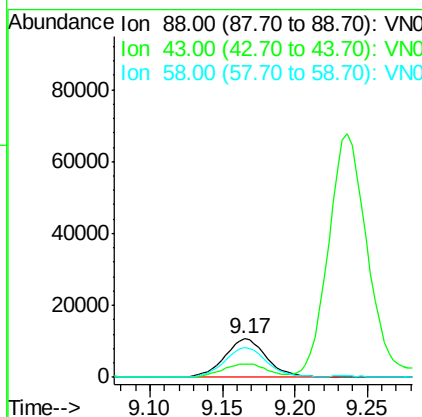
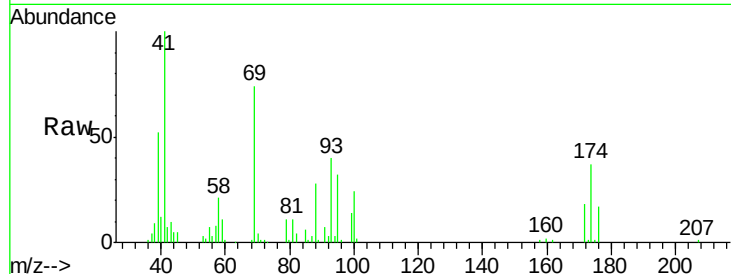
#45
1,4-Dioxane
Concen: 461.129 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	29.2	43.8
58	77.8	62.2	93.4

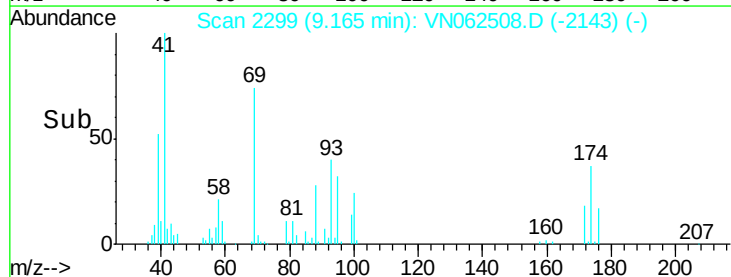
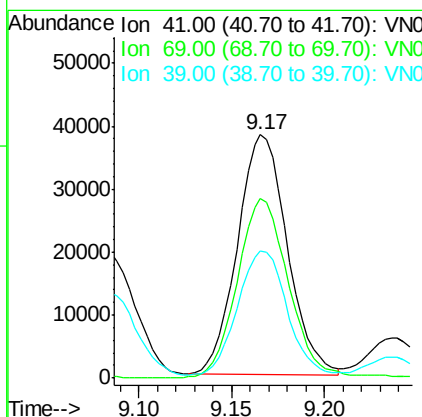
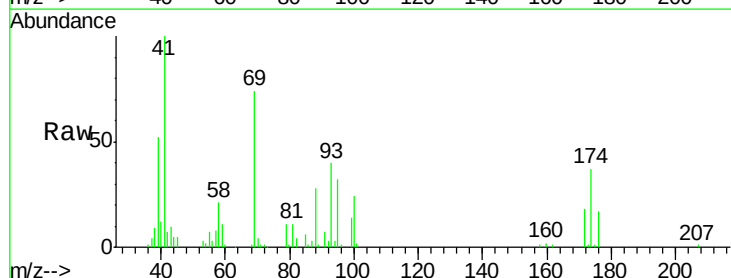
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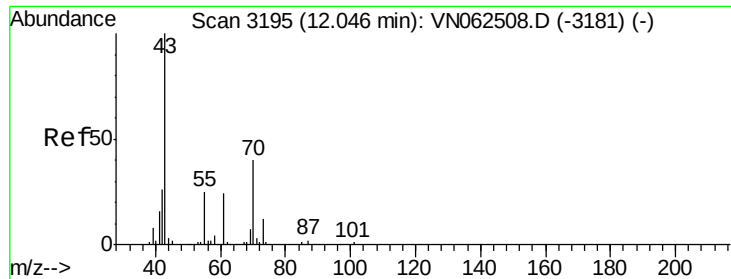
MMDadoda
7/14/2020 11:36:40 AM



#46
Methyl methacrylate
Concen: 31.656 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.8	37.4	112.2
39	51.7	25.9	77.6





#47

n-amvl Acetate

Concen: 28.788 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 122222

Ion Ratio Lower Upper

43 100

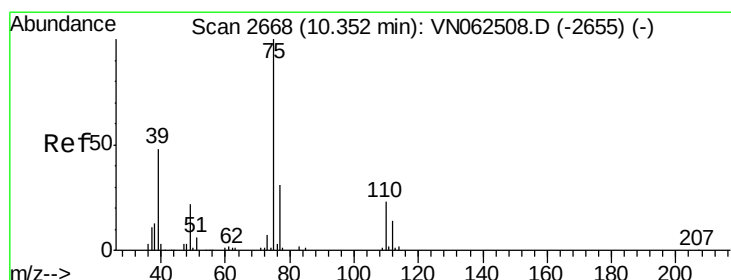
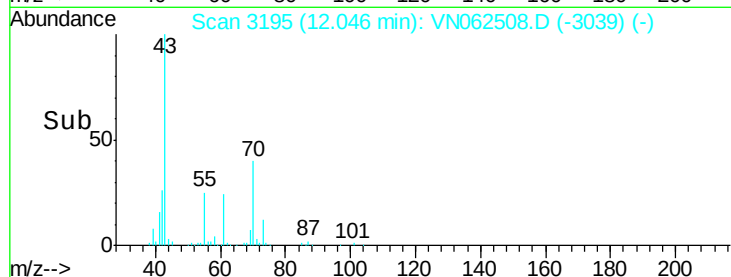
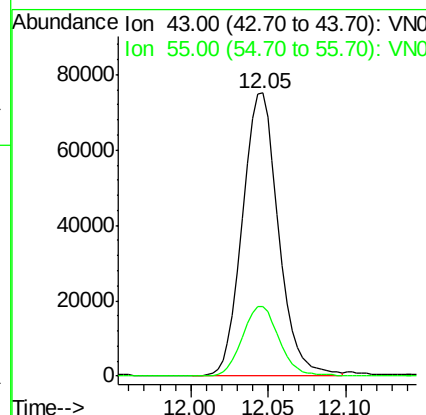
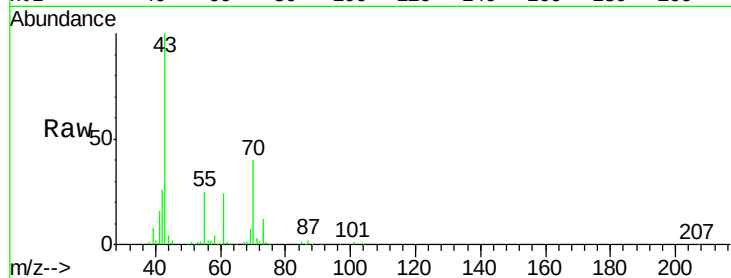
55 25.5 20.4 30.6

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 23.234 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062508.D

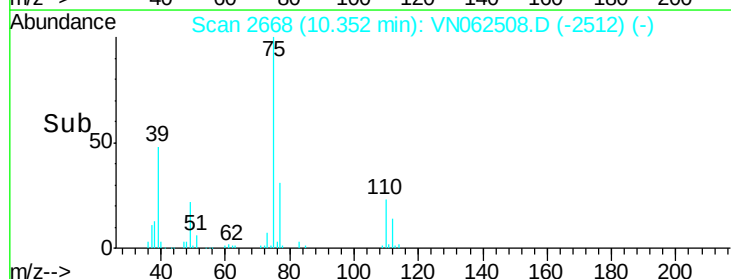
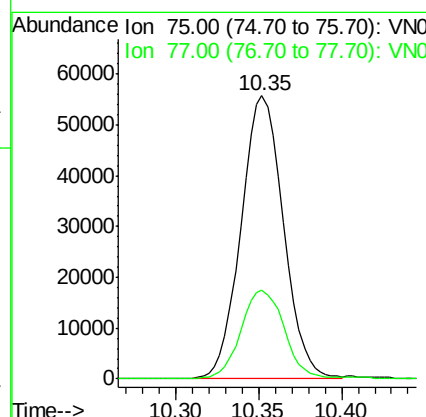
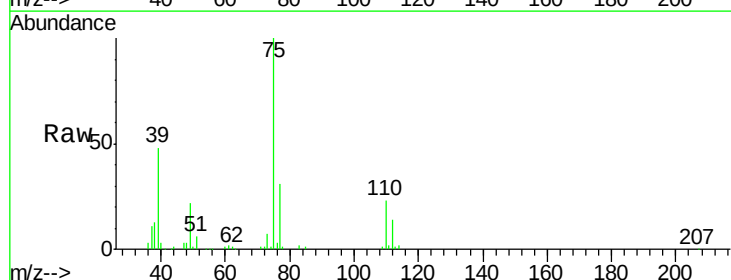
Acq: 13 Jul 2020 10:00

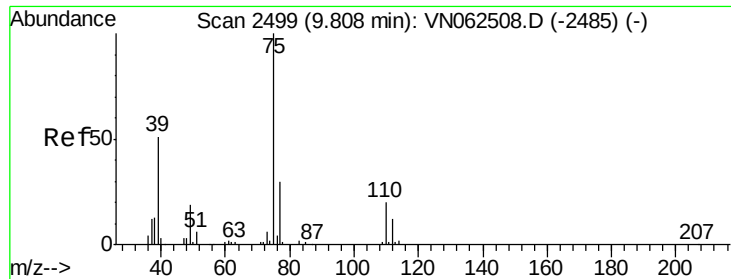
Tgt Ion: 75 Resp: 99309

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 23.278 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

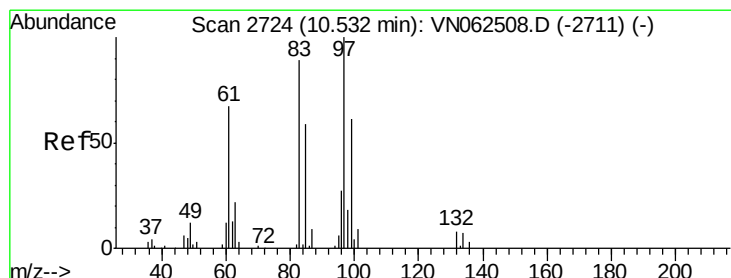
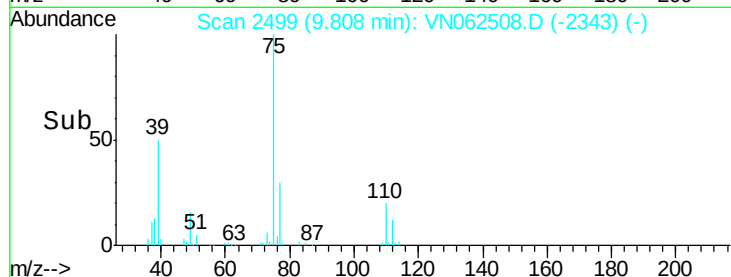
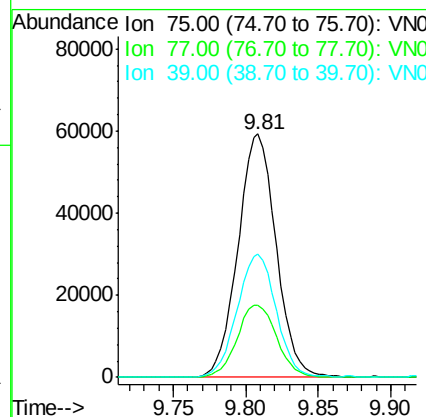
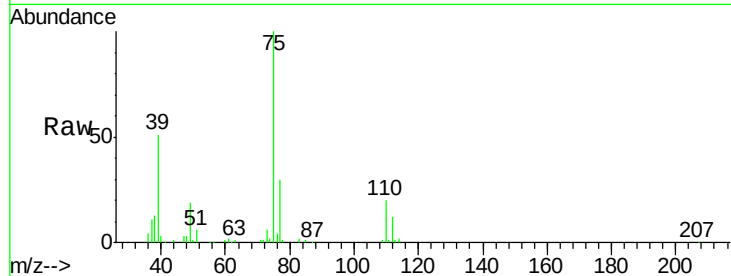
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	108195
Ion	Ratio	Lower	Upper
75	100		
77	29.6	23.7	35.5
39	50.6	40.5	60.7

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 20.644 ug/l

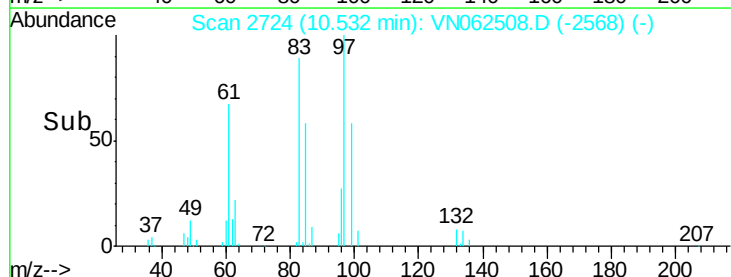
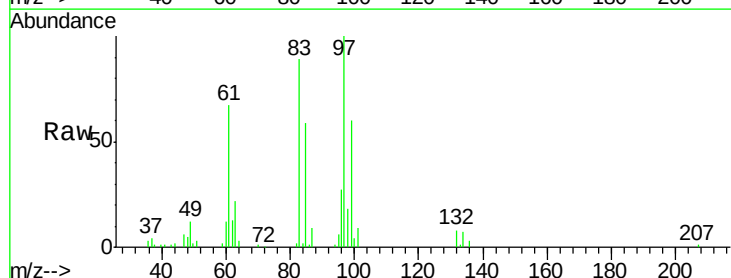
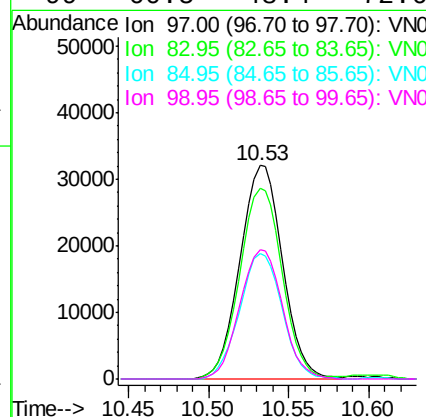
RT: 10.53 min Scan# 2724

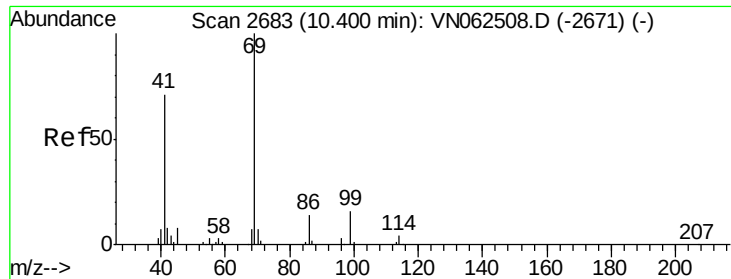
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	97	Resp:	58373
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.3	106.9
85	59.0	47.2	70.8
99	60.5	48.4	72.6





#51

Ethyl methacrylate

Concen: 24.483 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

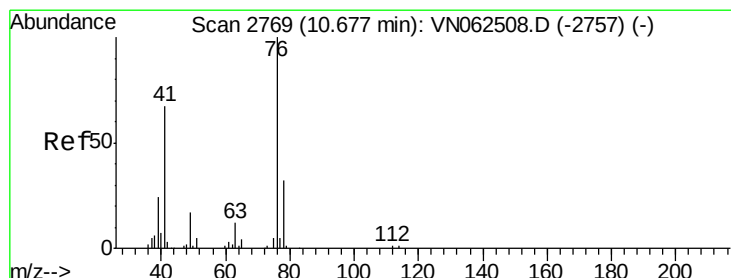
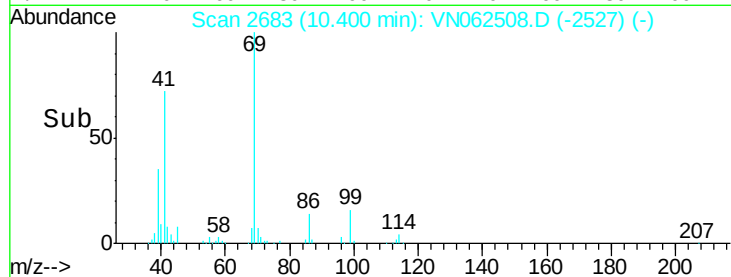
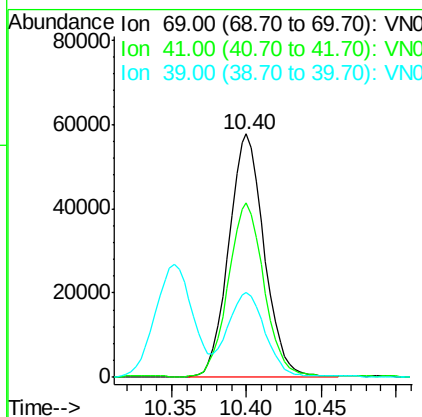
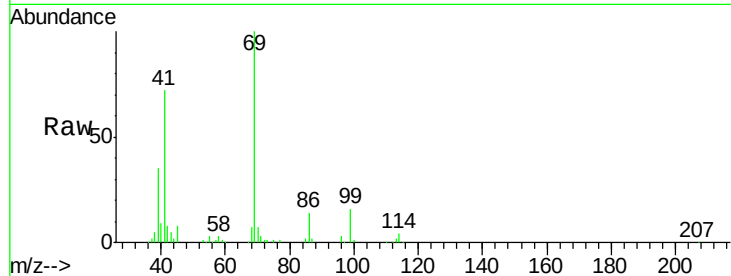
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	95285
Ion	Ratio	Lower	Upper
69	100		
41	71.2	35.6	106.8
39	34.3	17.2	51.5

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 22.931 ug/l

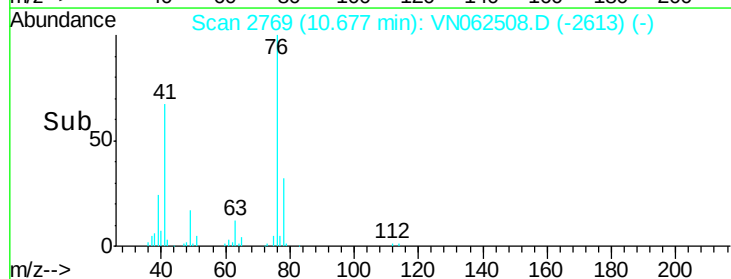
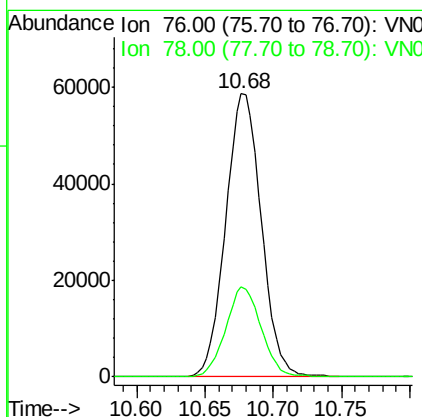
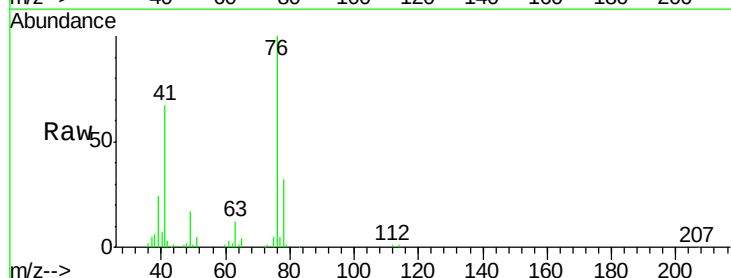
RT: 10.68 min Scan# 2769

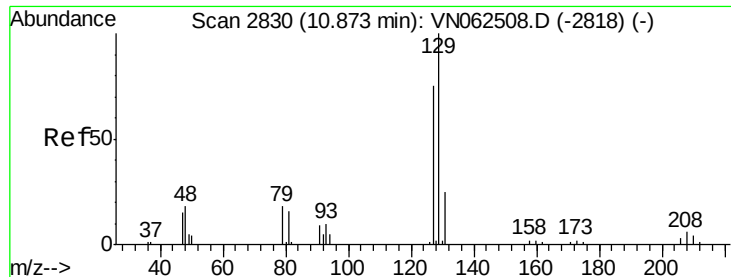
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	76	Resp:	106330
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	63.6





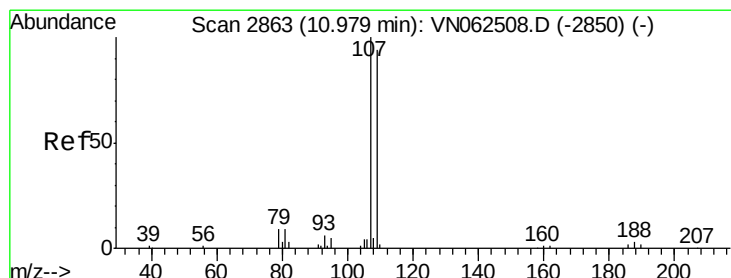
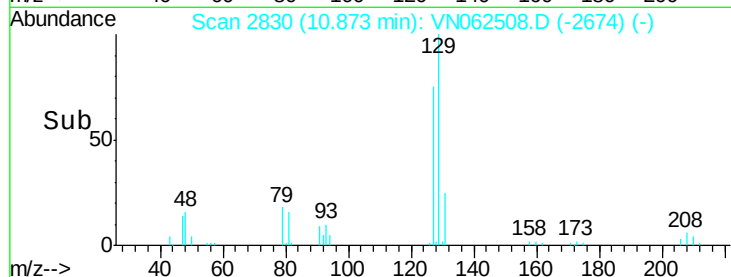
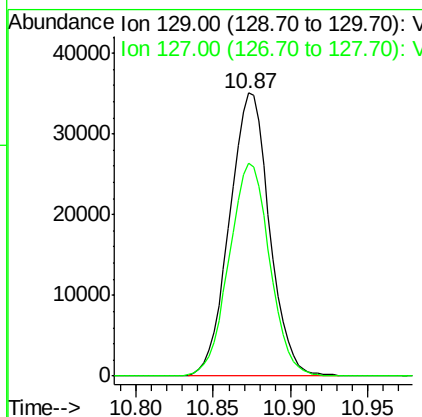
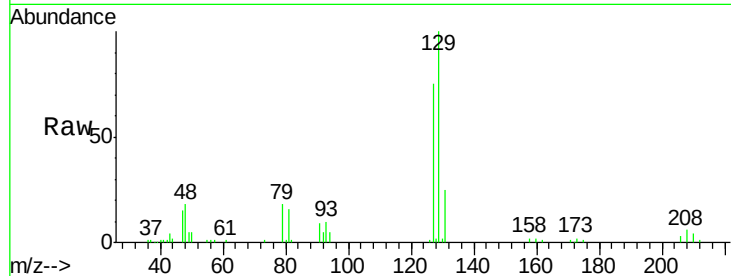
#53
 Dibromochloromethane
 Concen: 19.212 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion:129 Resp: 62940
 Ion Ratio Lower Upper
 129 100
 127 76.3 38.1 114.5

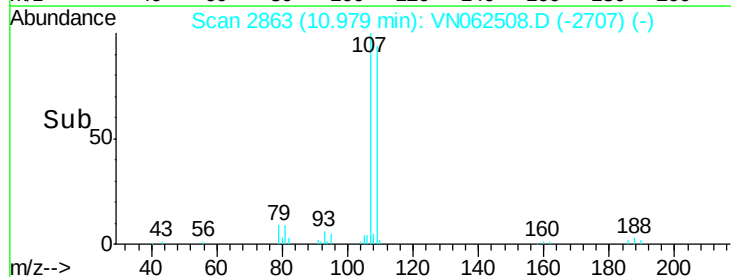
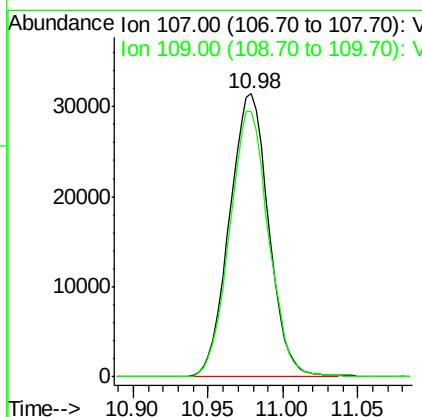
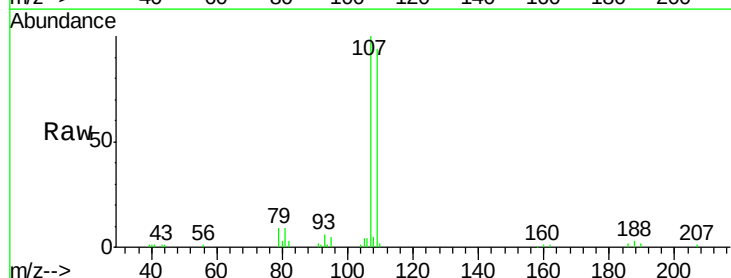
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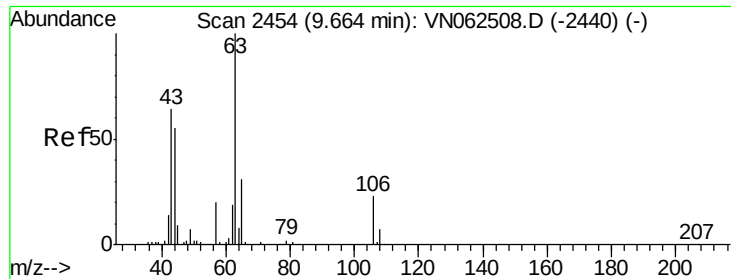
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#54
 1,2-Dibromoethane
 Concen: 19.645 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion:107 Resp: 57400
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2





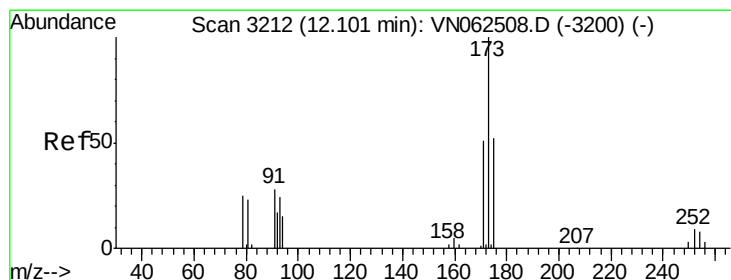
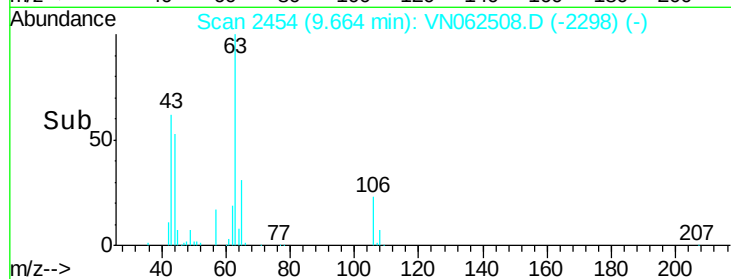
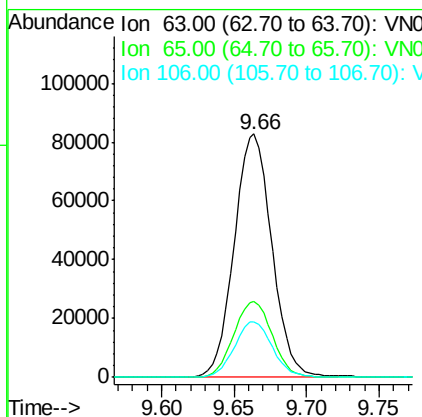
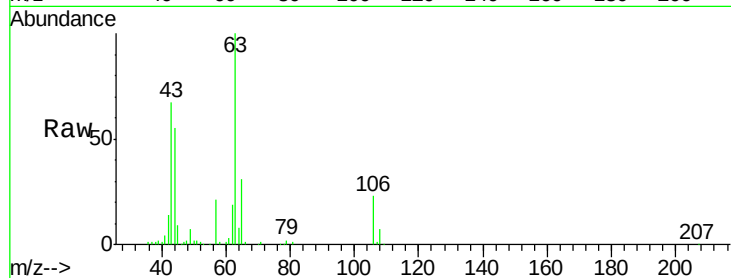
#55
 2-Chloroethyl vinyl ether
 Concen: 104.234 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2
106	23.0	18.4	27.6

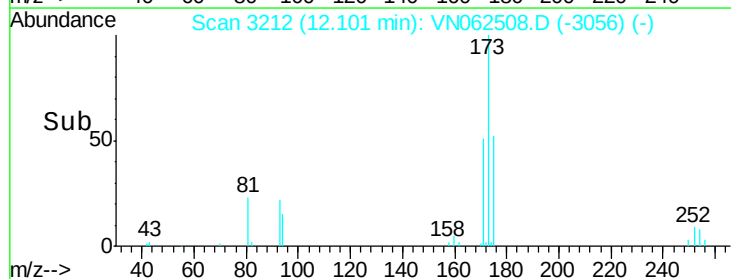
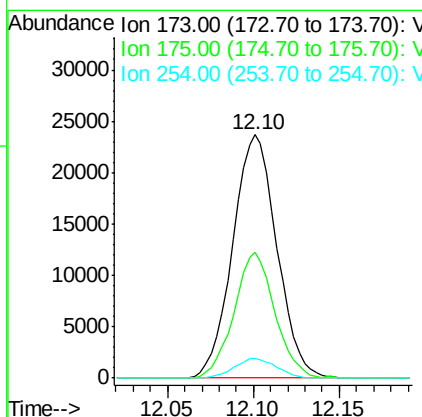
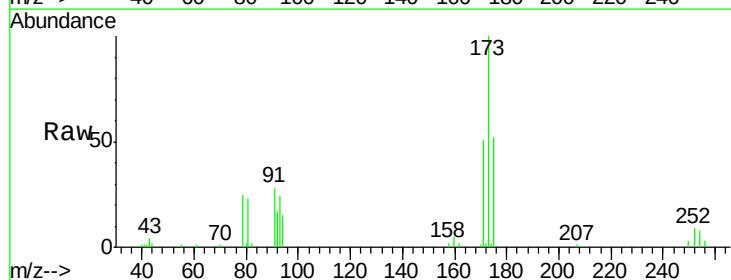
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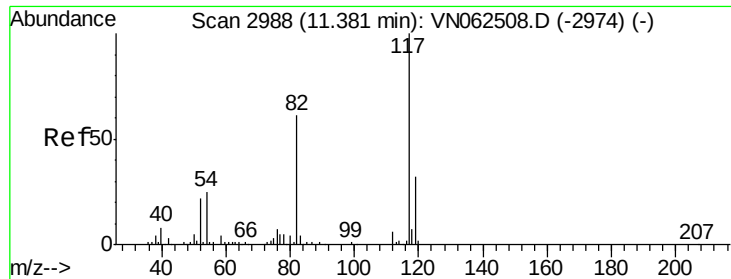
MMDadoda
 7/14/2020 11:36:40 AM



#56
 Bromoform
 Concen: 18.479 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	38.1	57.1
254	7.7	6.2	9.2





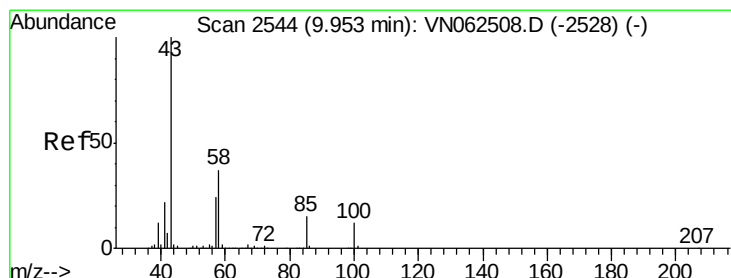
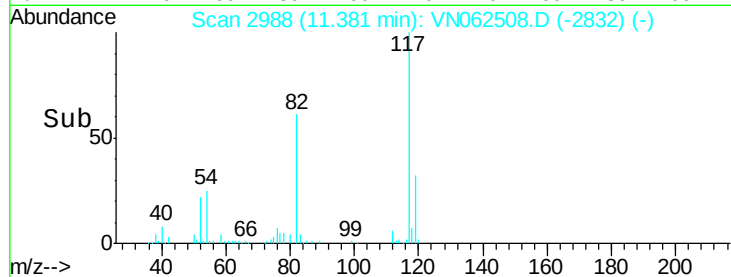
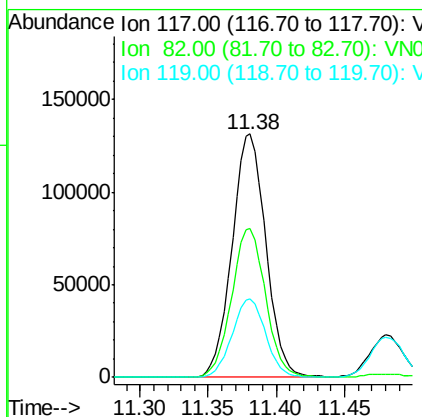
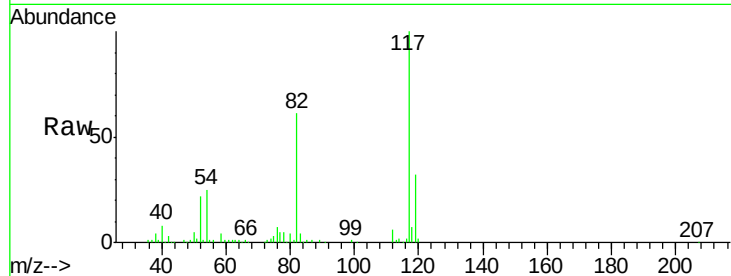
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	226984		
82	61.3	49.0	73.6	
119	32.0	25.6	38.4	

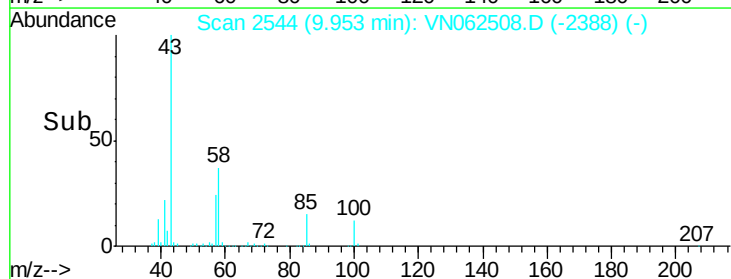
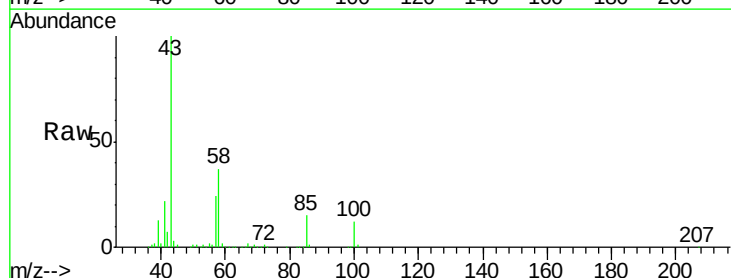
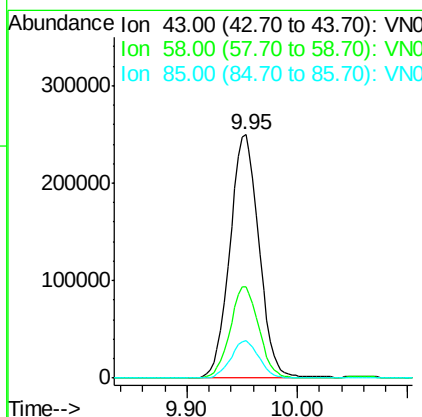
Manual Integrations
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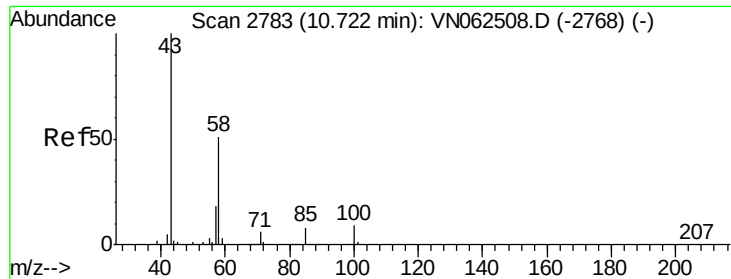
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 161.021 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	457069		
58	37.0	29.6	44.4	
85	15.0	12.0	18.0	





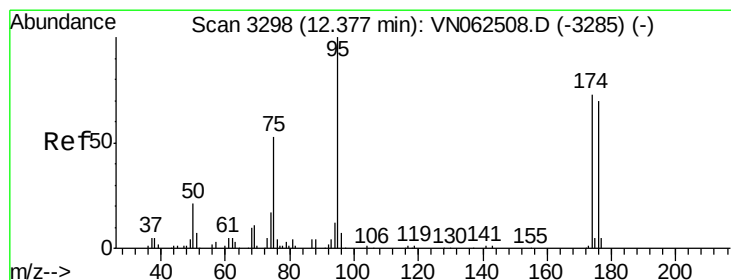
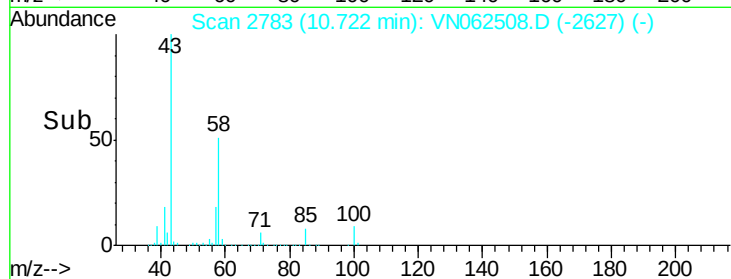
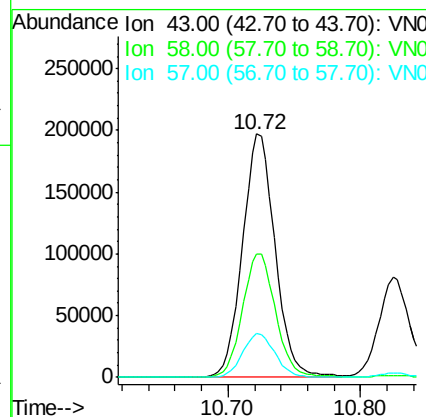
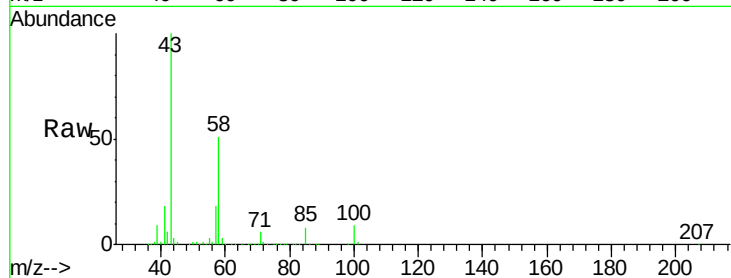
#59
2-Hexanone
Concen: 162.287 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.5	41.2	61.8
57	18.0	14.4	21.6

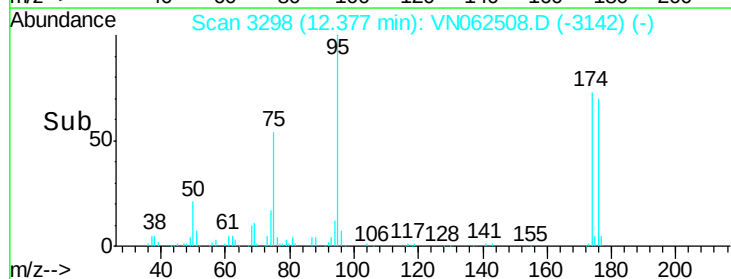
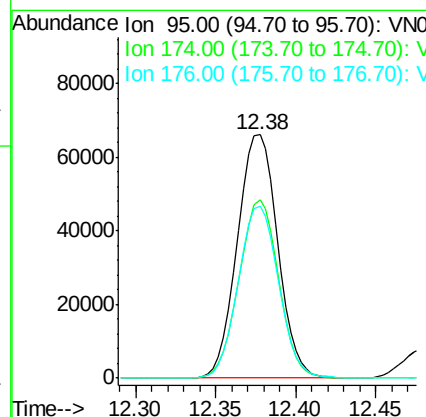
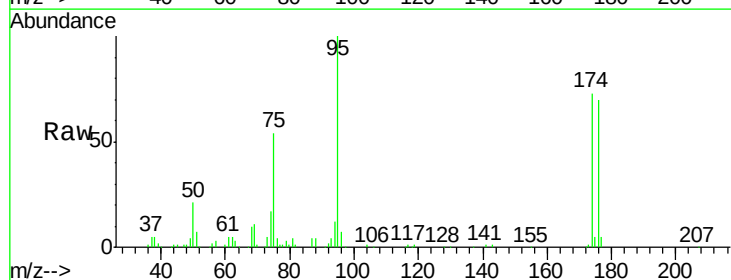
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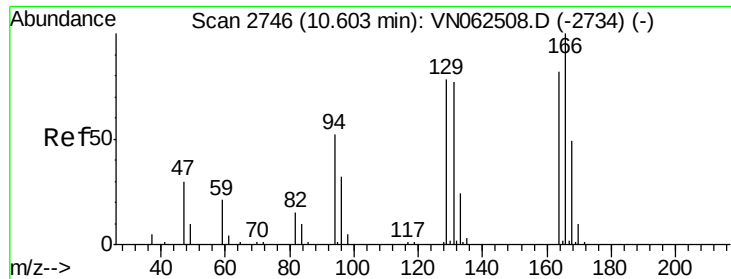
MMDadoda
7/14/2020 11:36:40 AM



#60
4-Bromofluorobenzene
Concen: 33.045 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	57.5	86.3
176	70.4	56.3	84.5





#61

Tetrachloroethene

Concen: 14.271 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

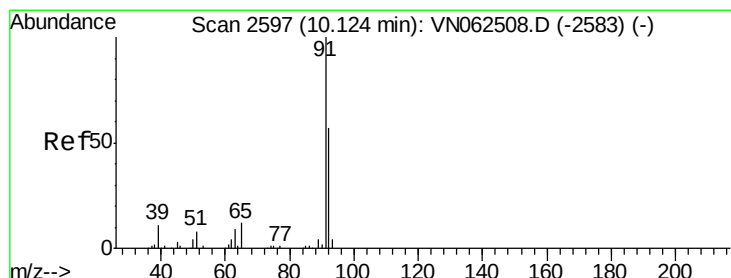
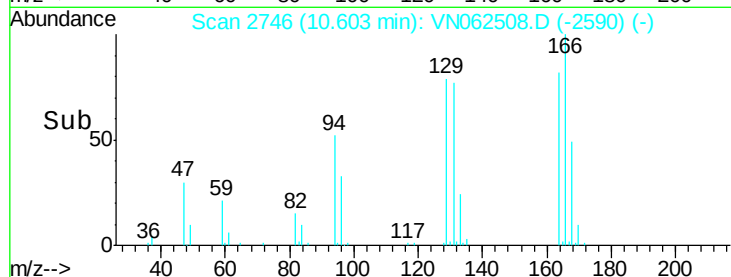
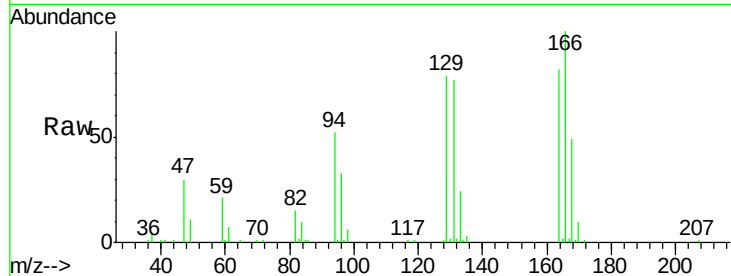
ClientSampleId :

VSTDICCC020

Tot Ion:	164	Resp:	46887
Ion	Ratio	Lower	Upper
164	100		
166	122.1	97.7	146.5
129	96.2	77.0	115.4
131	93.8	75.0	112.6

Manual Integrations
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MMDadoda
7/14/2020 11:36:40 AM



#62

Toluene

Concen: 22.068 ug/l

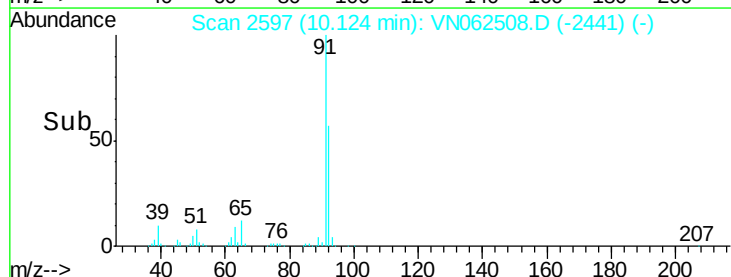
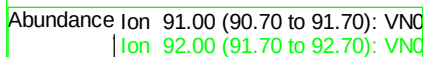
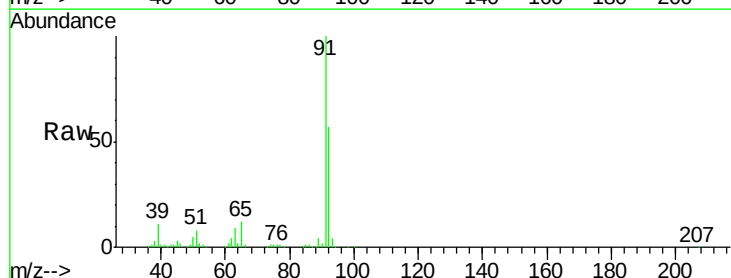
RT: 10.12 min Scan# 2597

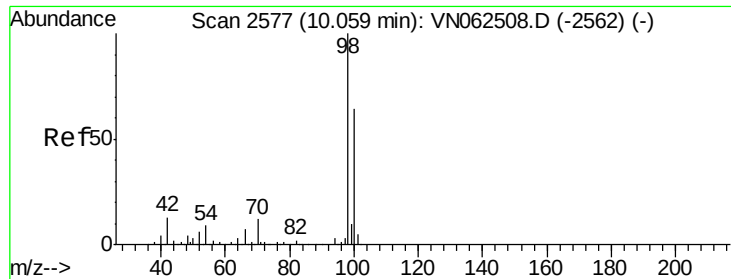
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	91	Resp:	262467
Ion	Ratio	Lower	Upper
91	100		
92	57.2	45.8	68.6





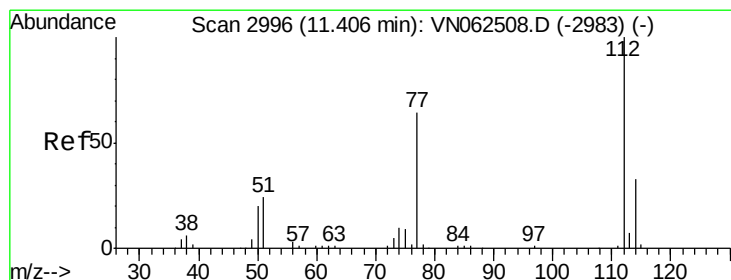
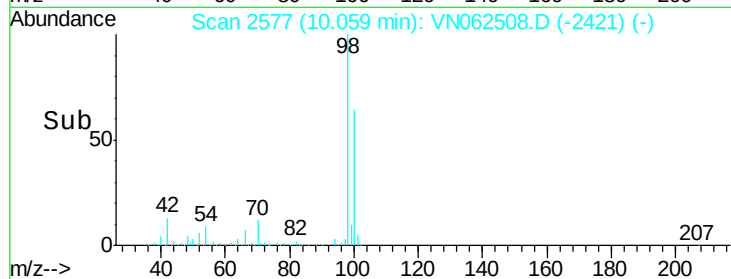
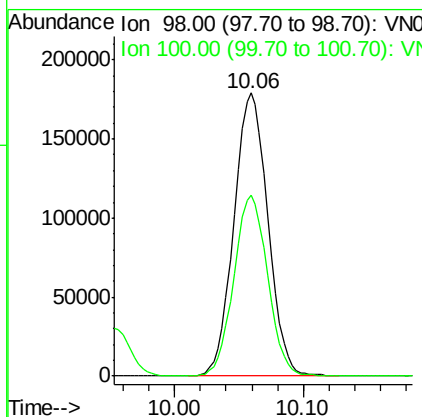
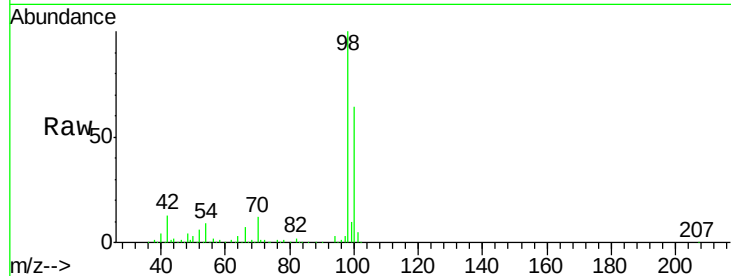
#63
Toluene-d8
Concen: 33.266 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 98 Resp: 328409
Ion Ratio Lower Upper
98 100
100 63.0 50.4 75.6

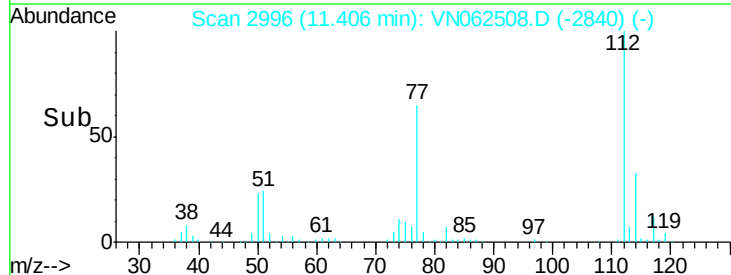
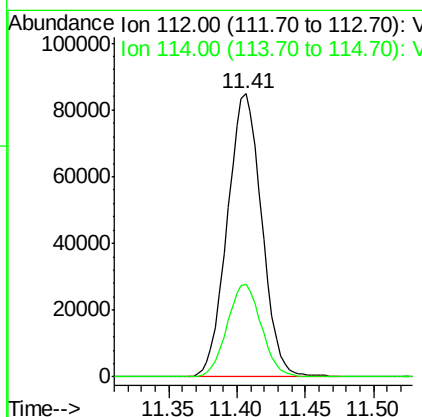
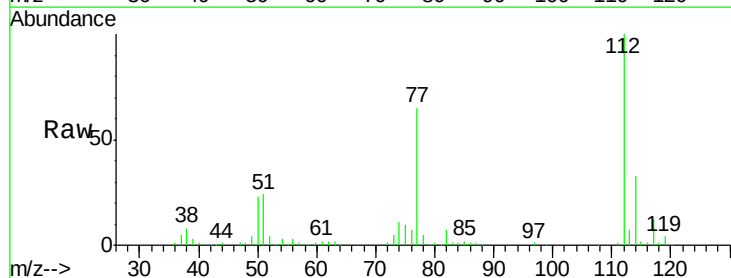
Manual Integrations
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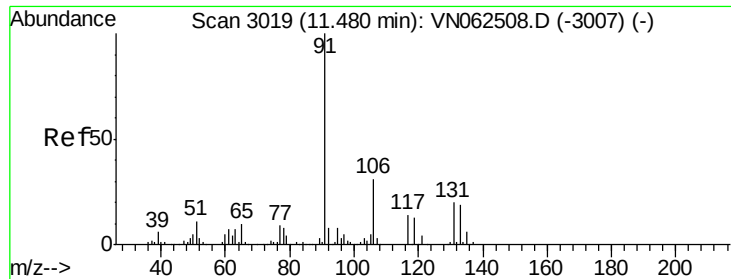
MMDadoda
7/14/2020 11:36:40 AM



#64
Chlorobenzene
Concen: 19.903 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 112 Resp: 148920
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.666 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

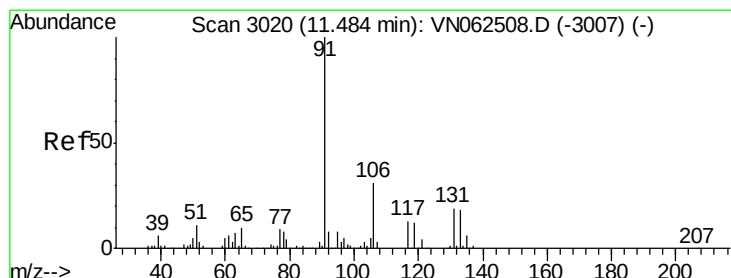
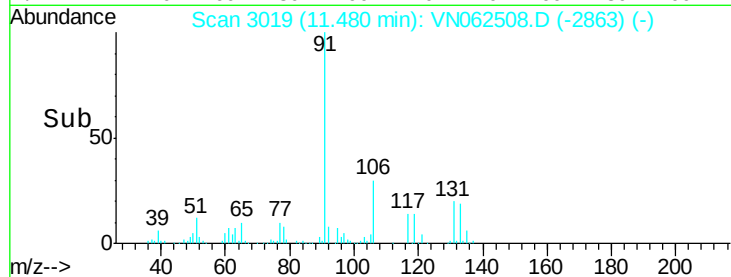
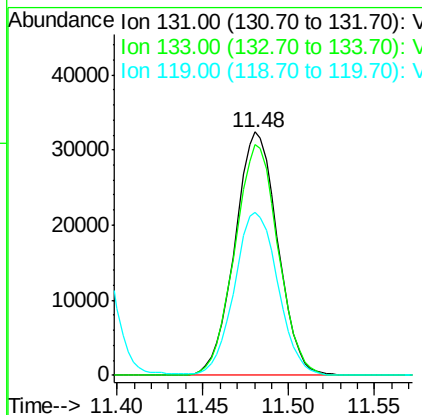
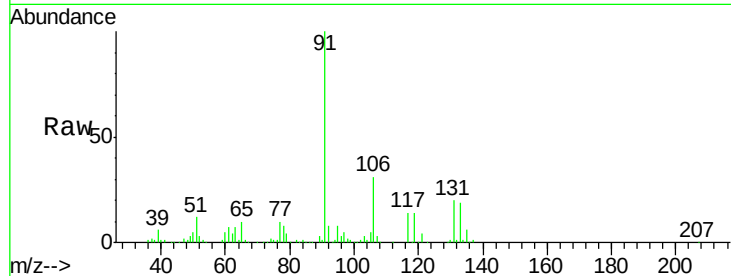
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	56033		
133	95.7	0.0	191.4	
119	68.1	0.0	136.2	

Manual Integrations
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#66

Ethyl Benzene

Concen: 21.709 ug/l

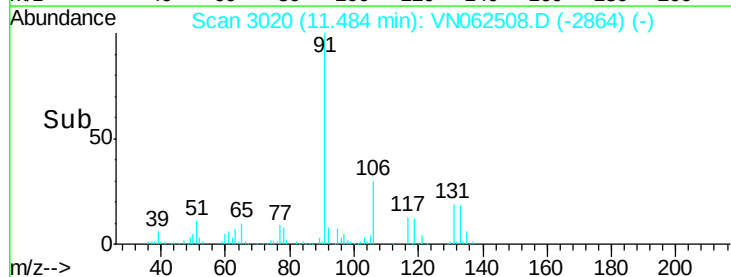
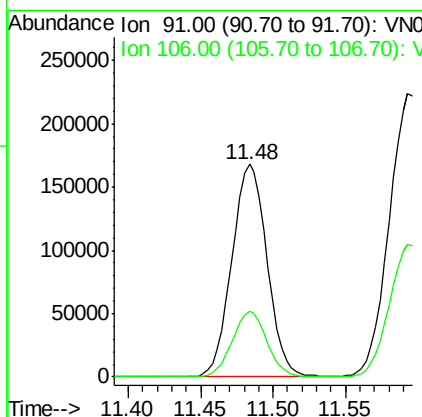
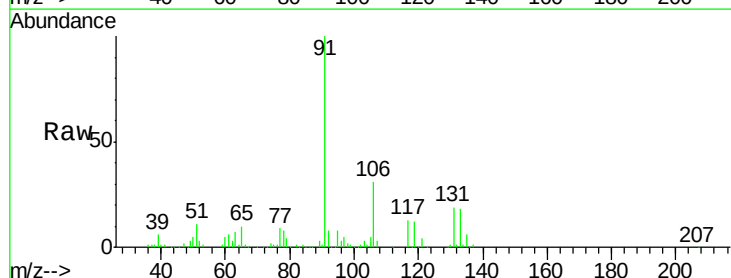
RT: 11.48 min Scan# 3020

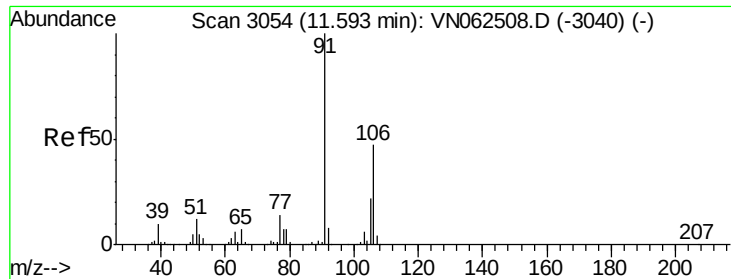
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	283353		
106	30.7	24.6	36.8	





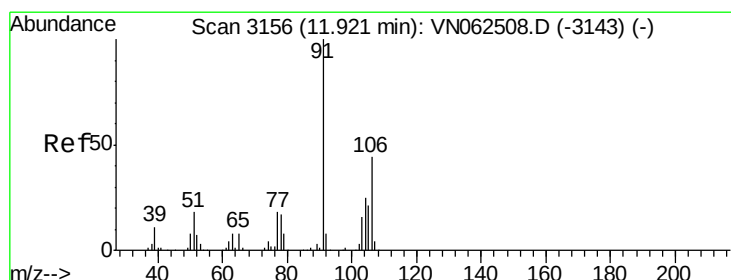
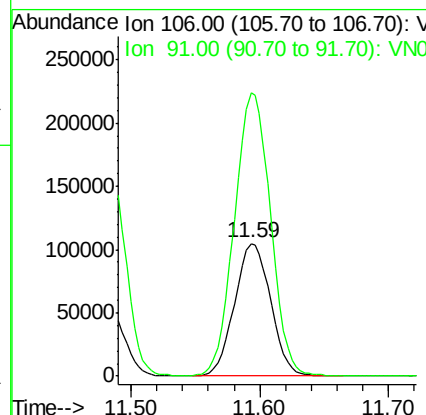
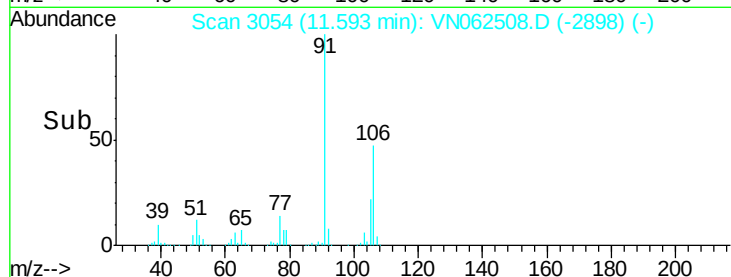
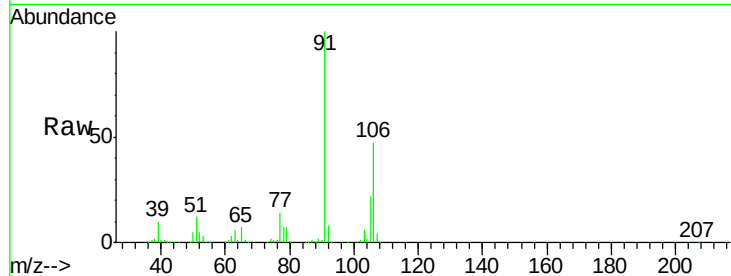
#67
m/p-Xylenes
Concen: 40.107 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.4	170.7	256.1		

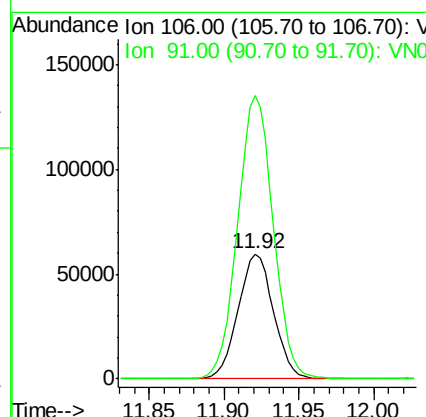
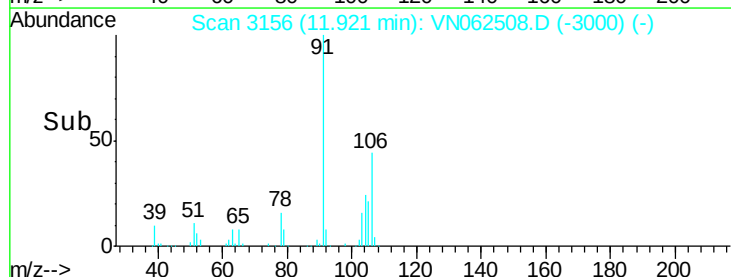
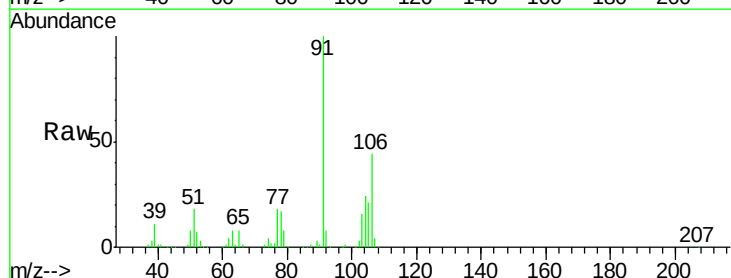
Manual Integrations
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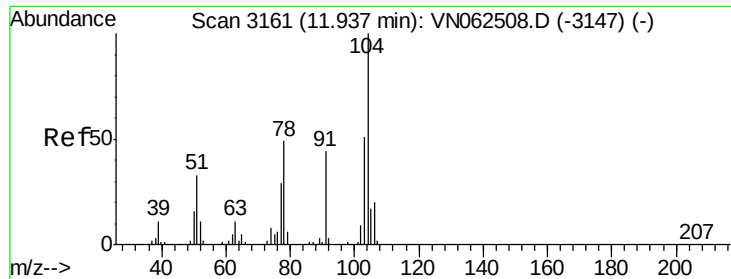
MMDadoda
7/14/2020 11:36:40 AM



#68
o-Xylene
Concen: 20.440 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	227.7	113.9	341.6		





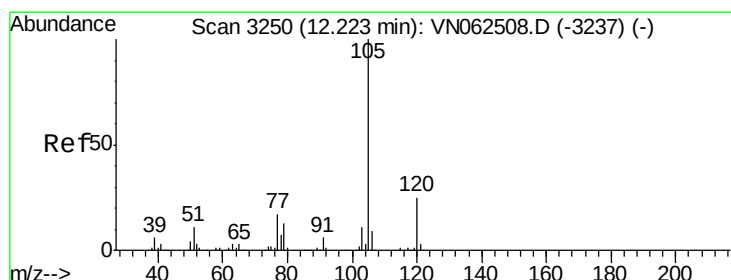
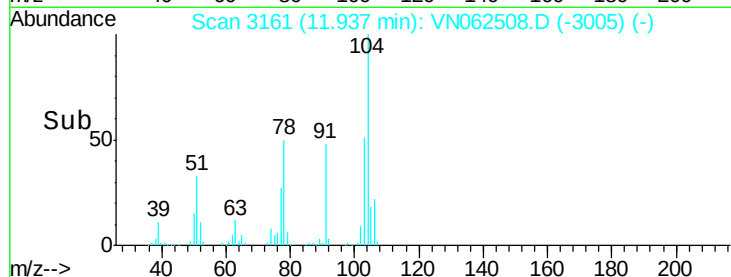
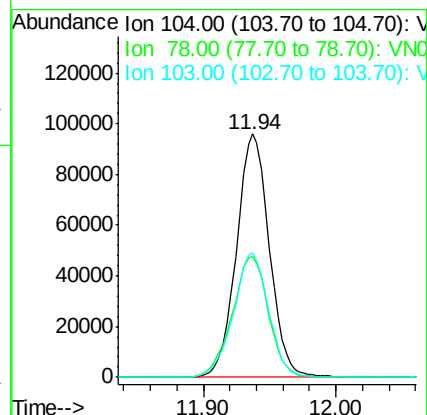
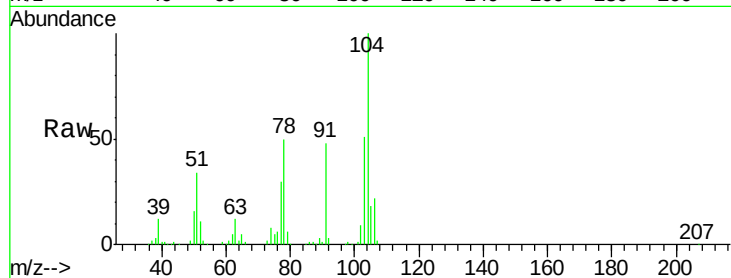
#69
Stvrene
Concen: 20.128 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.9	43.9	65.9
103	54.7	43.8	65.6

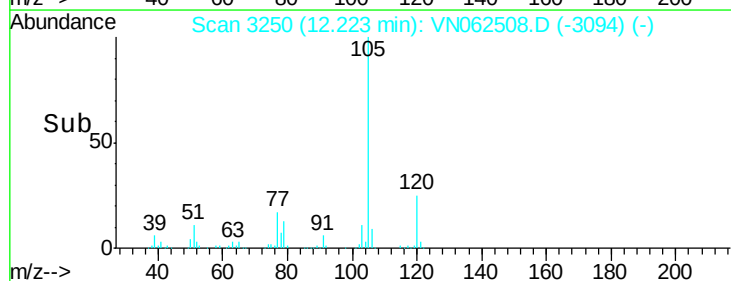
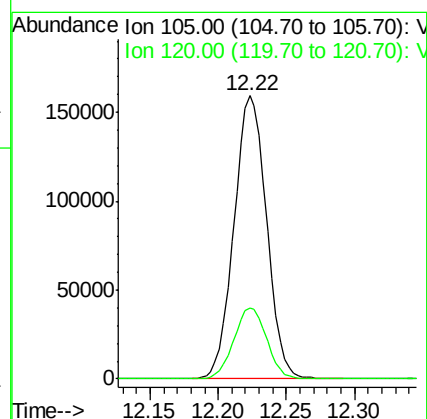
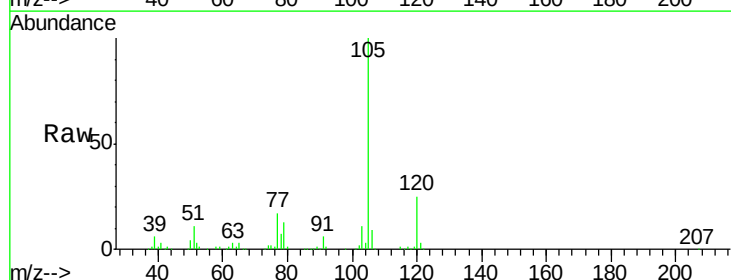
Manual Integrations
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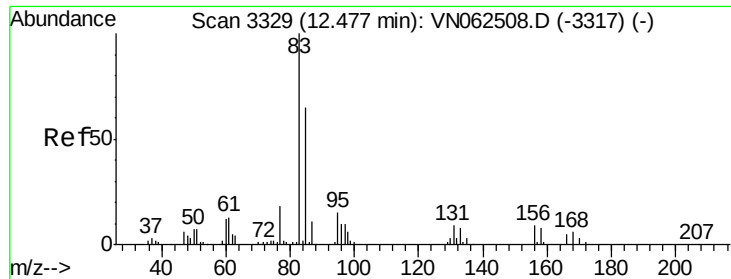
MMDadoda
7/14/2020 11:36:40 AM



#70
Isopropylbenzene
Concen: 20.649 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.2	17.6	32.8





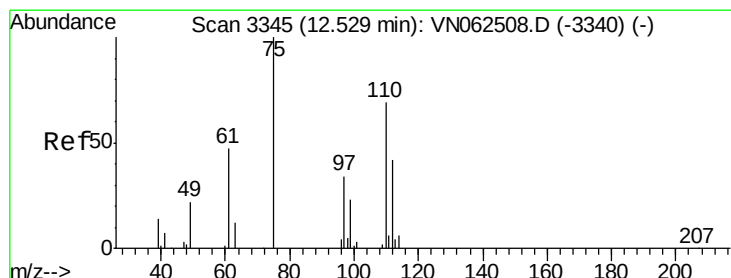
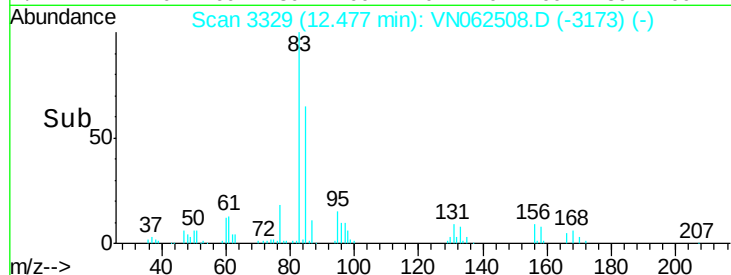
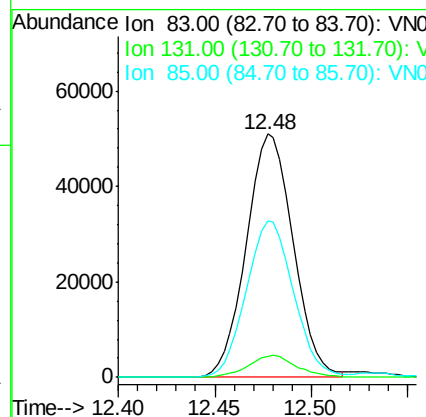
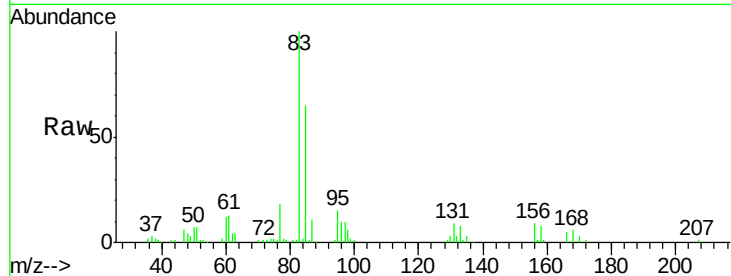
#71
 1,1,2,2-Tetrachloroethane
 Concen: 24.249 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	83	Resp	86235
Ion Ratio	100	Lower	Upper
83	100		
131	9.1	4.5	13.7
85	64.9	32.5	97.4

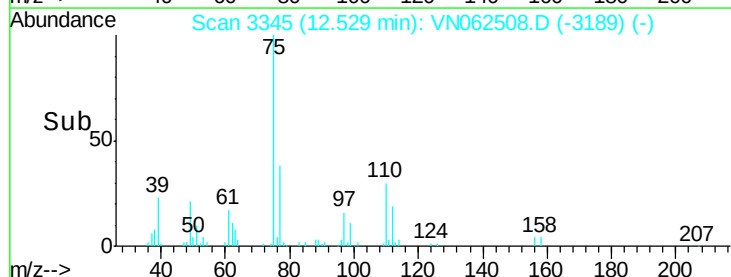
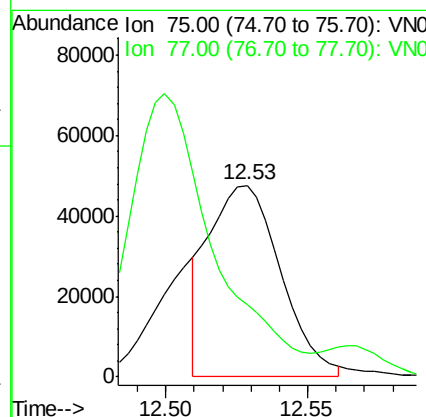
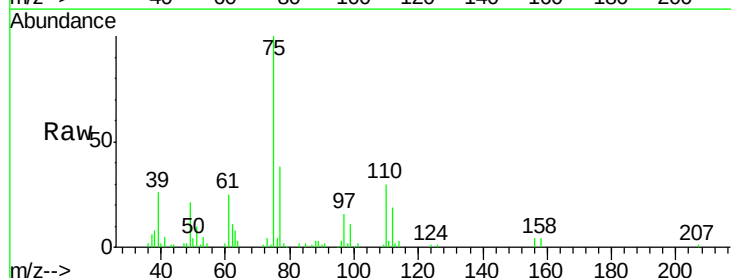
Manual Integrations
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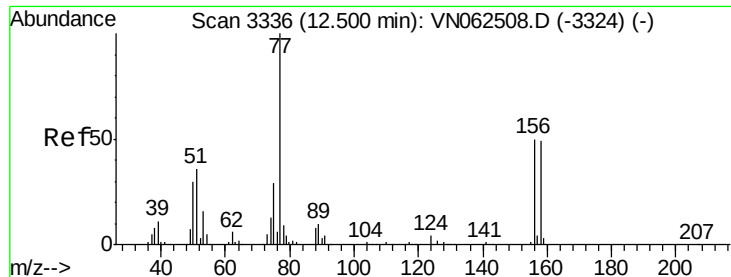
MMDadoda
 7/14/2020 11:36:40 AM



#72
 1,2,3-Trichloropropane
 Concen: 25.255 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	75	Resp	83842
Ion Ratio	100	Lower	Upper
75	100		
77	174.8	0.0	376.2





#73

Bromobenzene

Concen: 18.018 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

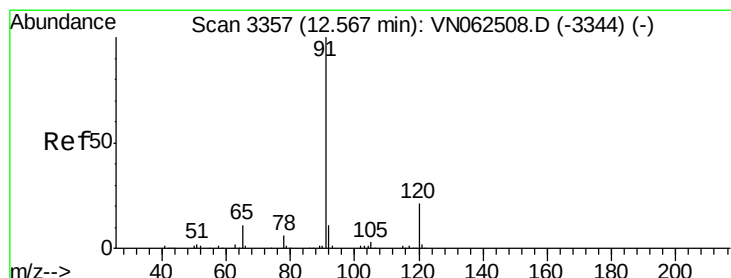
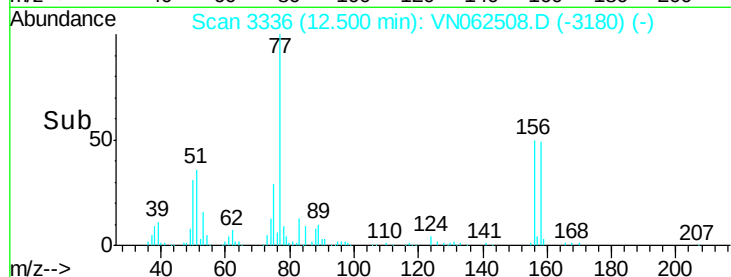
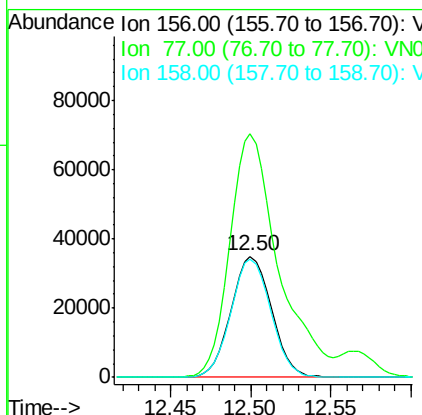
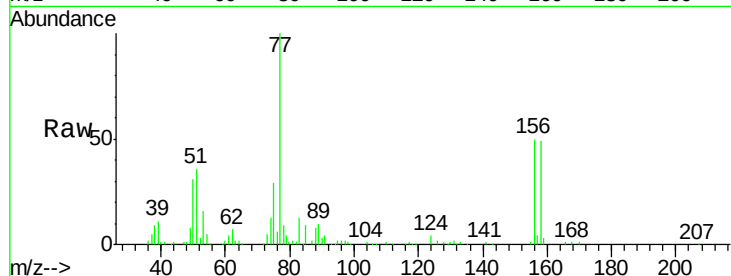
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	242.5	0.0	485.0
158	96.3	0.0	192.6

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#74

n-propylbenzene

Concen: 21.152 ug/l

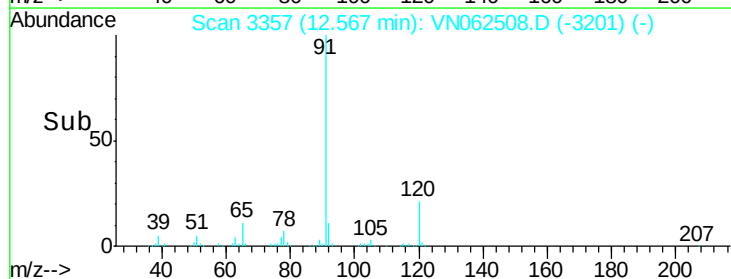
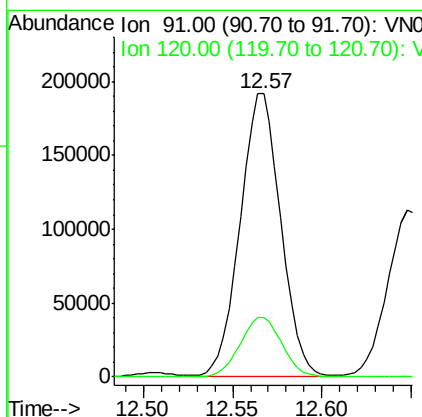
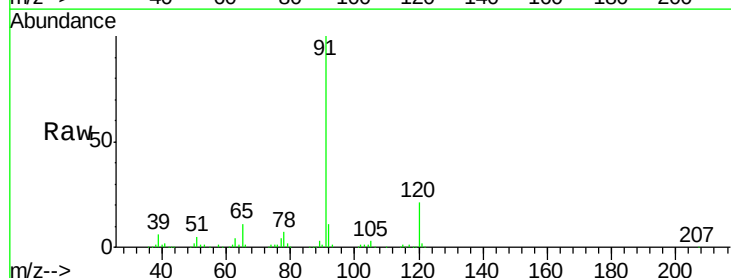
RT: 12.57 min Scan# 3357

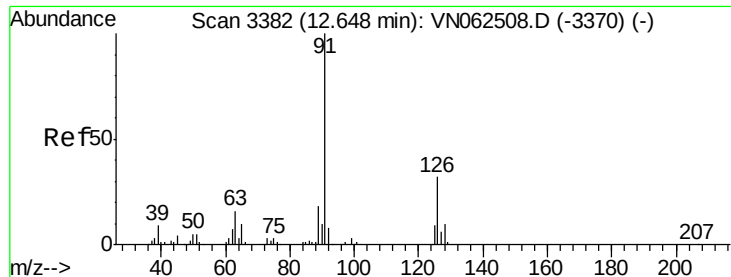
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	0.0	42.8





#75

2-Chlorotoluene

Concen: 21.663 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 187348

Ion Ratio Lower Upper

91 100

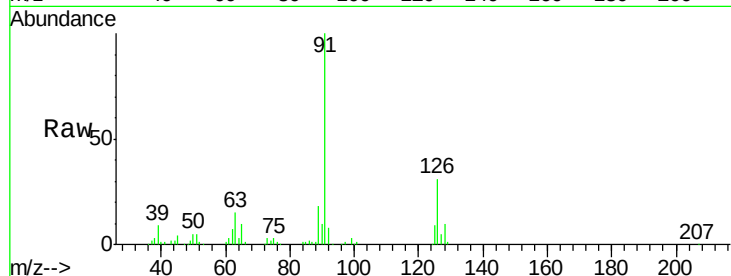
126 31.1 0.0 62.2

Manual Integrations

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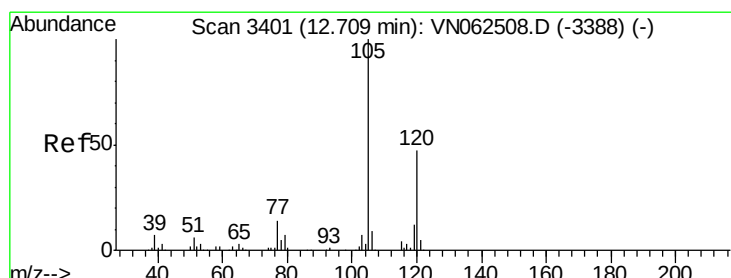
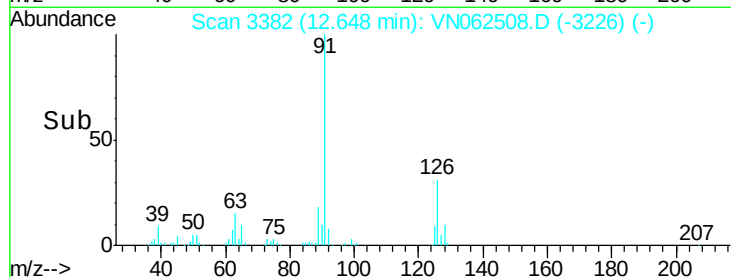
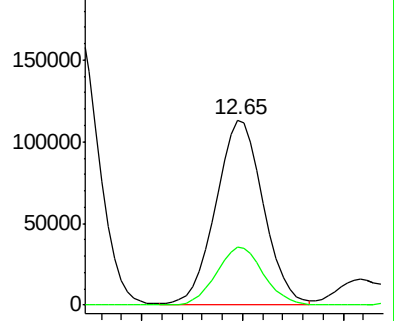
MMDadoda

7/14/2020 11:36:40 AM



Abundance Ion 91.00 (90.70 to 91.70): VN062508.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN062508.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.576 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062508.D

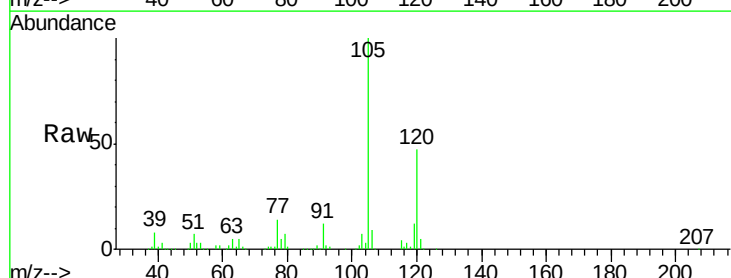
Acq: 13 Jul 2020 10:00

Tgt Ion: 105 Resp: 219236

Ion Ratio Lower Upper

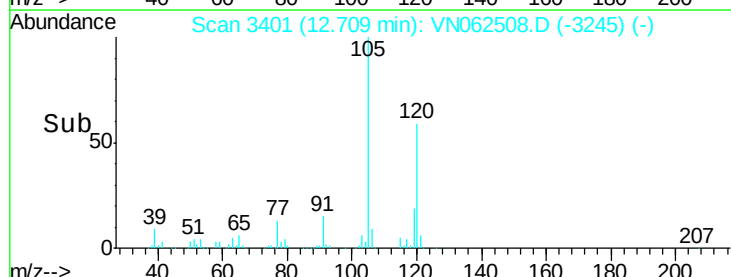
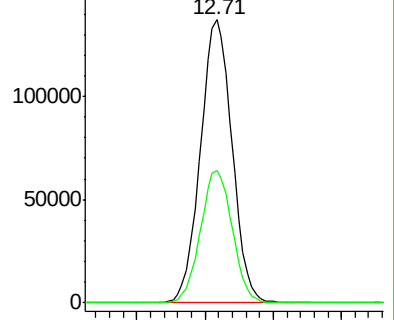
105 100

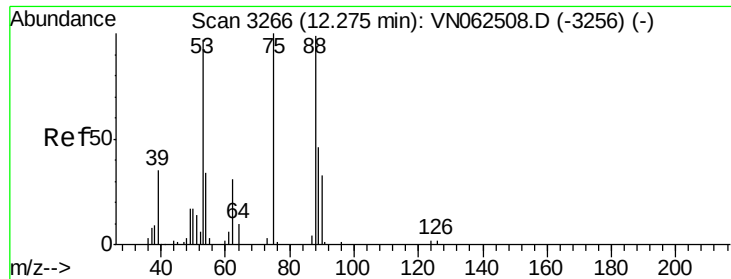
120 47.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062508.D (-3388) (-)

Ion 120.00 (119.70 to 120.70): VN062508.D (-3388) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 24.716 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

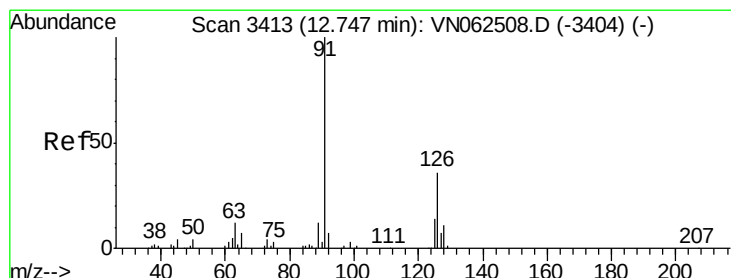
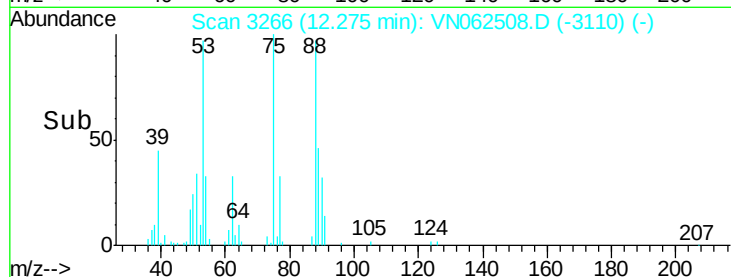
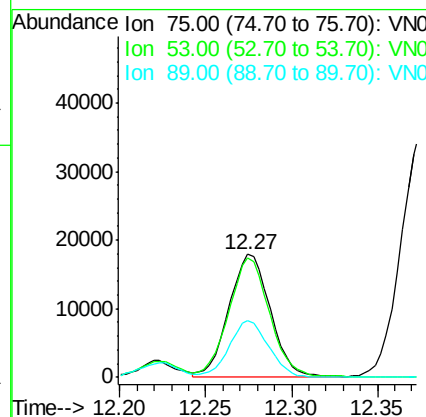
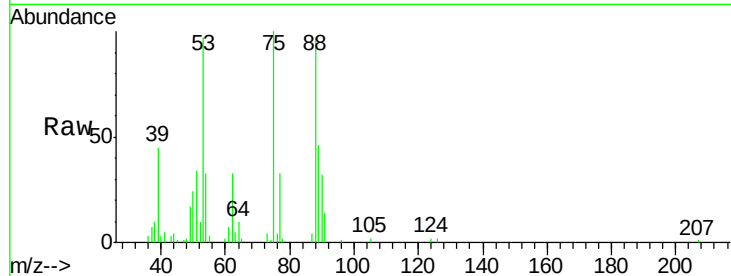
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	30230
Ion	Ratio	Lower	Upper
75	100		
53	96.5	48.3	144.8
89	46.5	23.3	69.8

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#78

4-Chlorotoluene

Concen: 21.135 ug/l

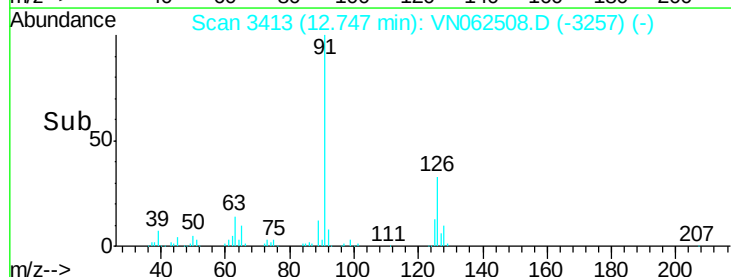
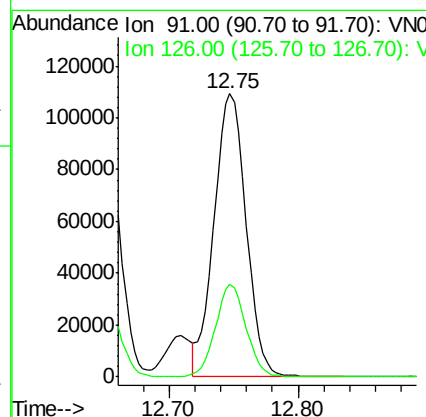
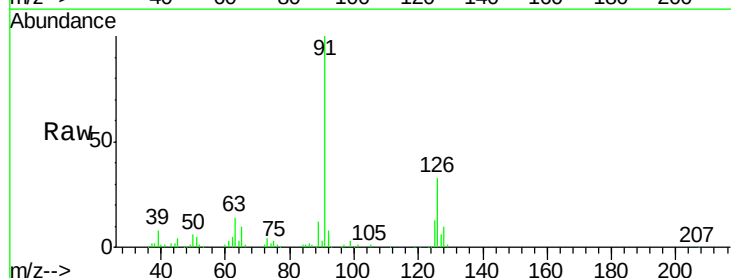
RT: 12.75 min Scan# 3413

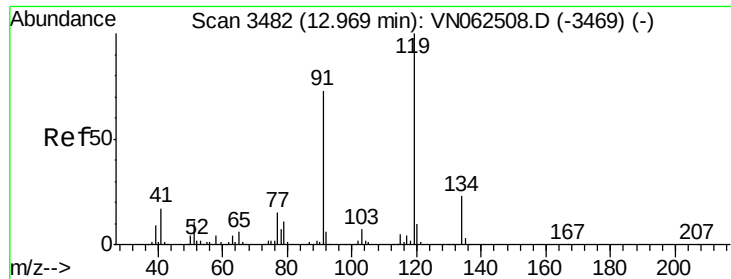
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	91	Resp:	189168
Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	62.2





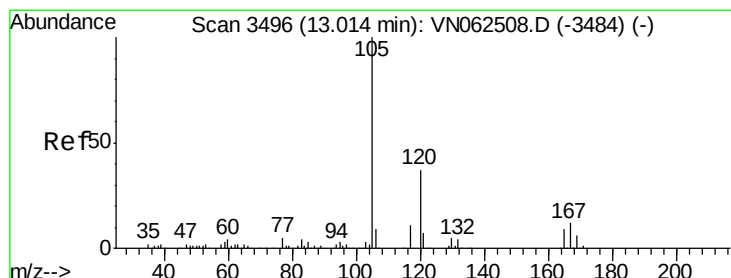
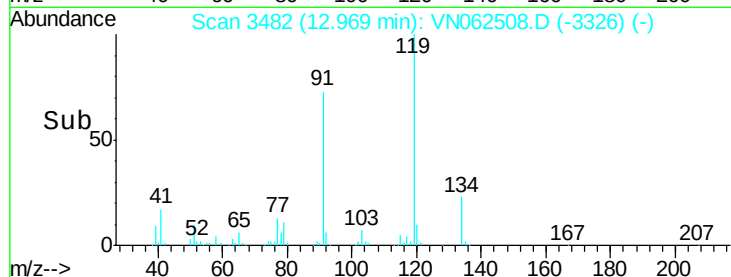
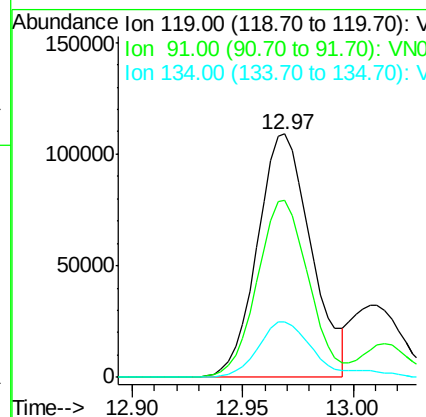
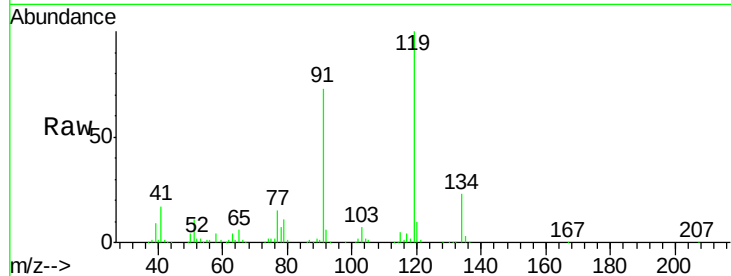
#79
tert-butylbenzene
Concen: 20.069 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	184497		
91	69.9	0.0	139.8	
134	22.5	0.0	45.0	

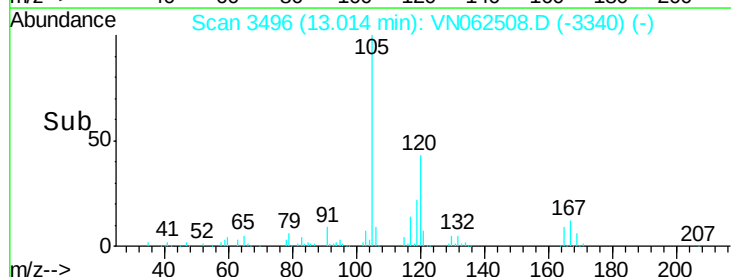
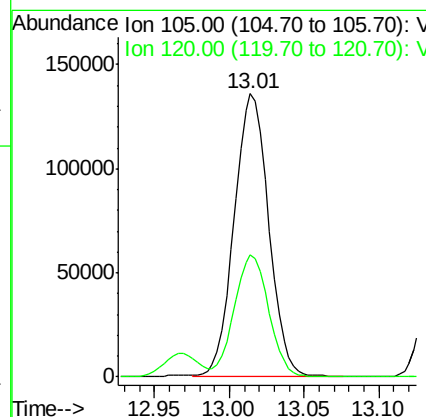
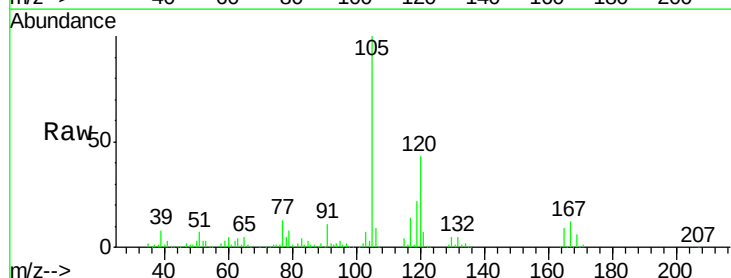
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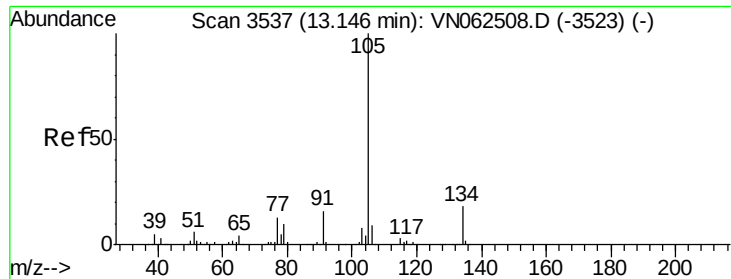
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#80
1,2,4-Trimethylbenzene
Concen: 20.414 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	218181		
120	43.3	0.0	86.6	





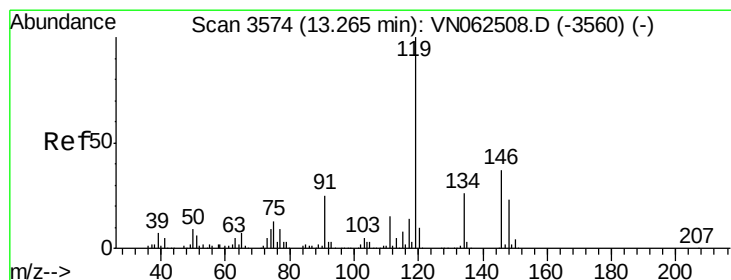
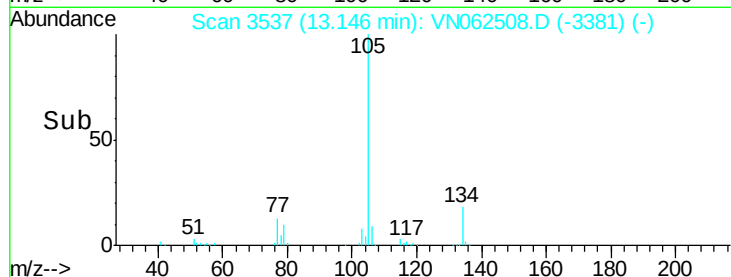
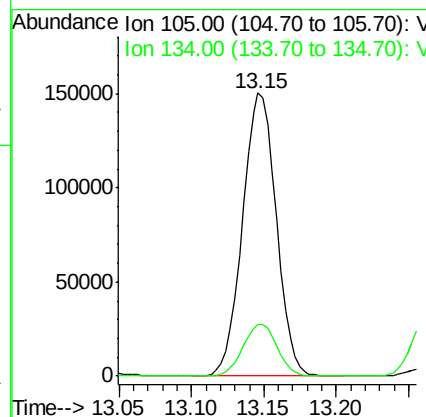
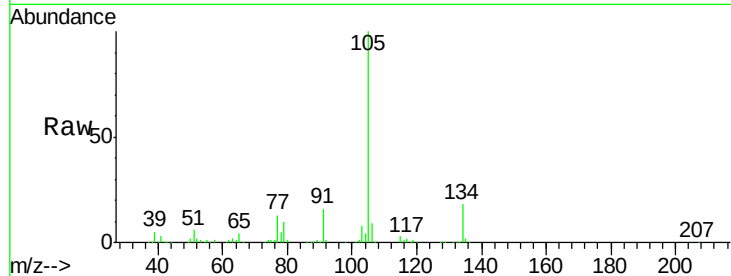
#81
 sec-Butylbenzene
 Concen: 20.469 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.6	0.0	37.2

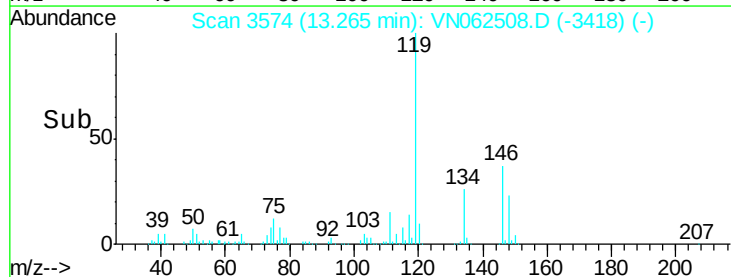
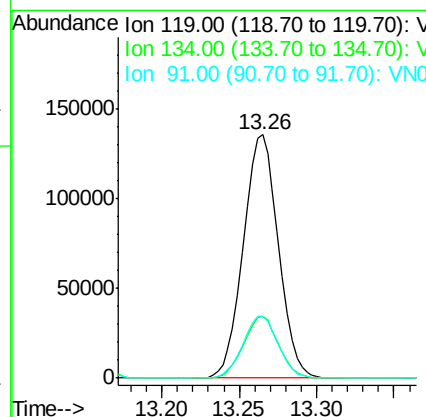
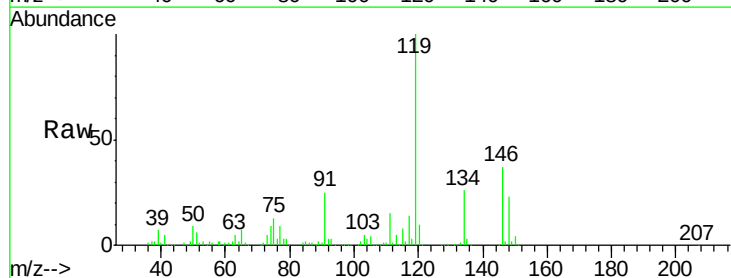
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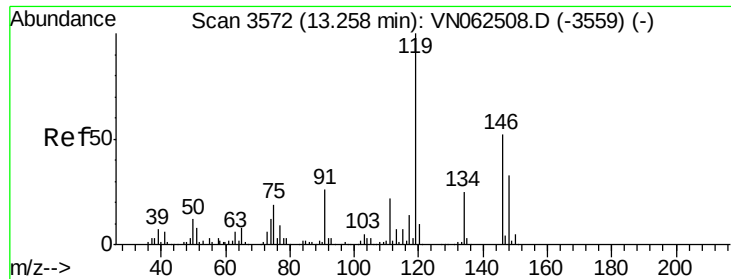
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 7/14/2020 11:36:40 AM



#82
 p-Isopropyltoluene
 Concen: 19.508 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	0.0	50.8
91	25.6	0.0	51.2





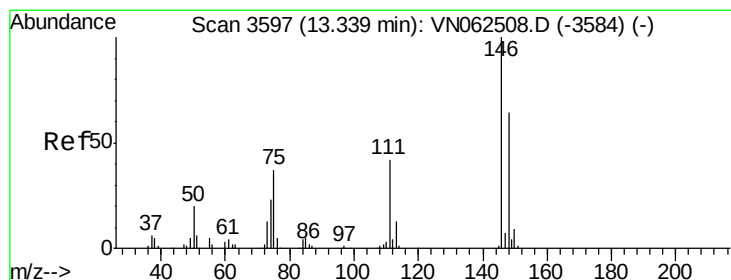
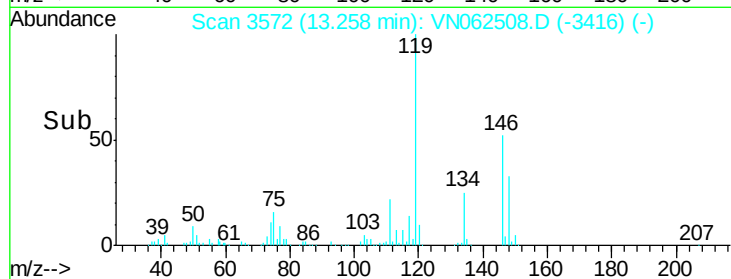
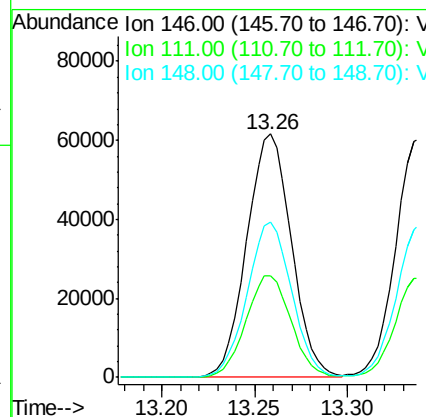
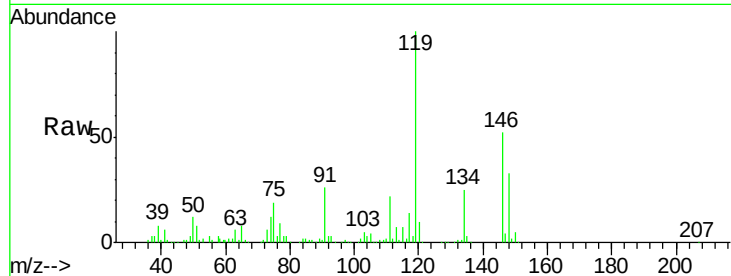
#83
 1,3-Dichlorobenzene
 Concen: 17.371 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	103238		
111	42.0		21.0	63.0
148	63.4		31.7	95.1

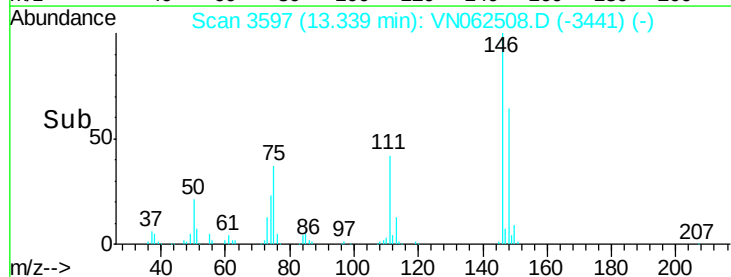
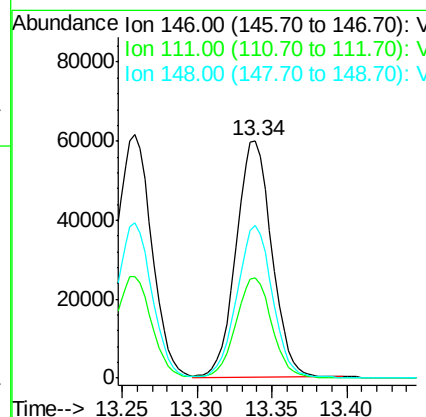
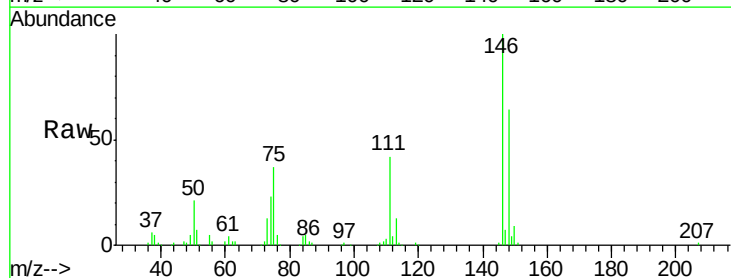
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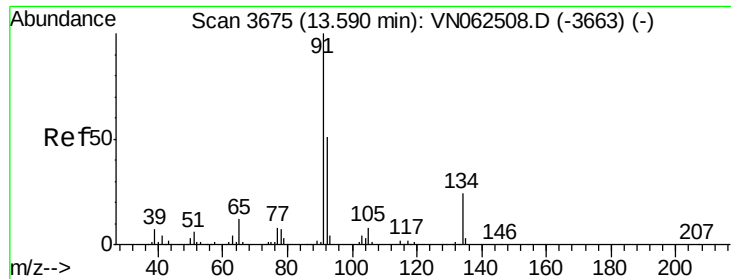
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#84
 1,4-Dichlorobenzene
 Concen: 17.051 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	99358		
111	42.8		21.4	64.2
148	64.8		32.4	97.2





#85

n-Butylbenzene

Concen: 19.093 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

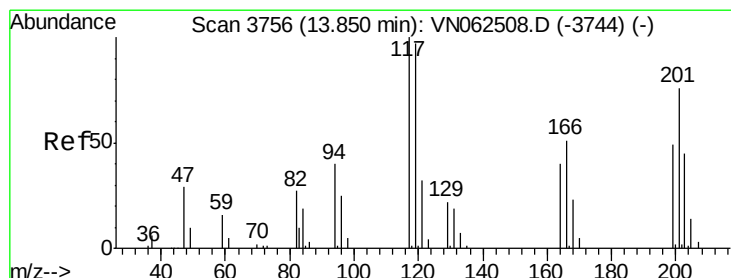
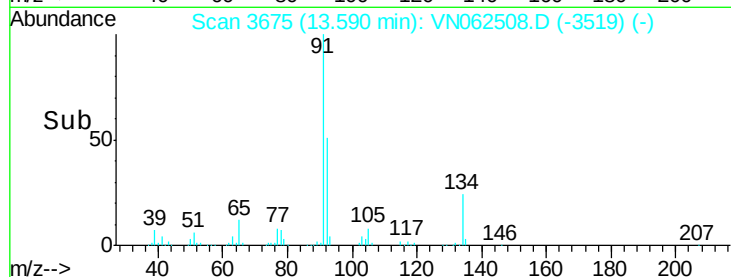
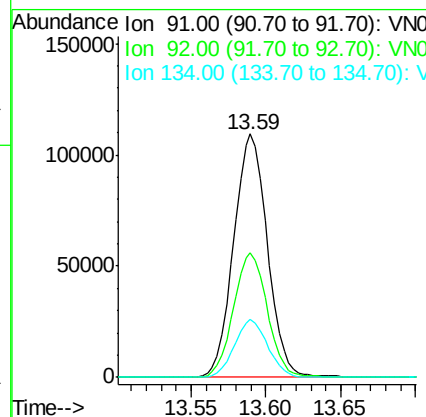
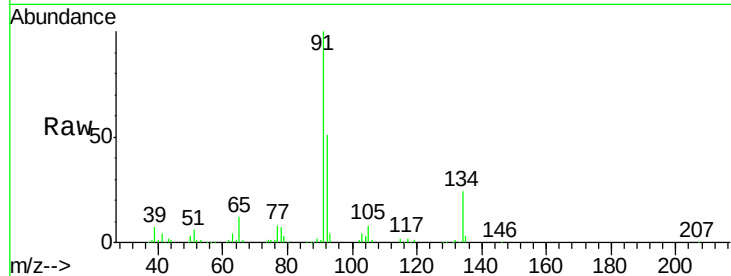
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	172188
Ion	Ratio	Lower	Upper
91	100		
92	51.2	0.0	102.4
134	23.3	0.0	46.6

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#86

Hexachloroethane

Concen: 25.242 ug/l

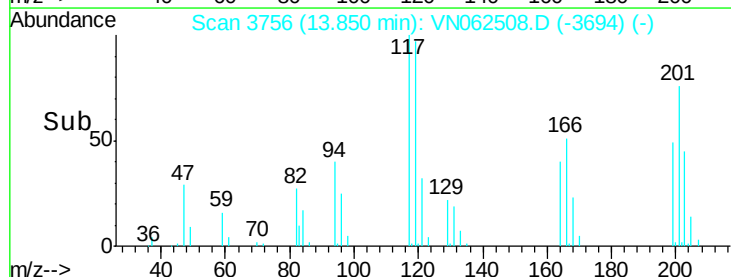
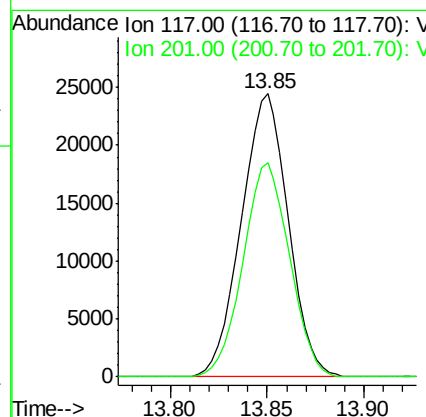
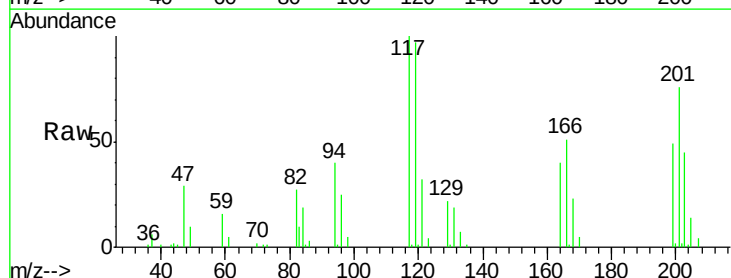
RT: 13.85 min Scan# 3756

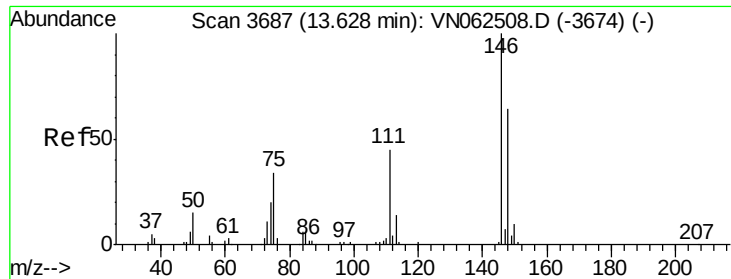
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	117	Resp:	41242
Ion	Ratio	Lower	Upper
117	100		
201	74.8	37.4	112.2





#87

1,2-Dichlorobenzene

Concen: 17.749 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

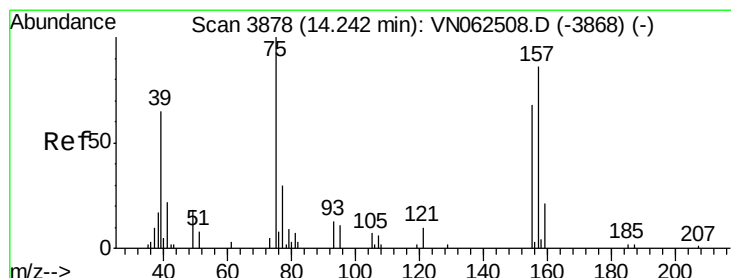
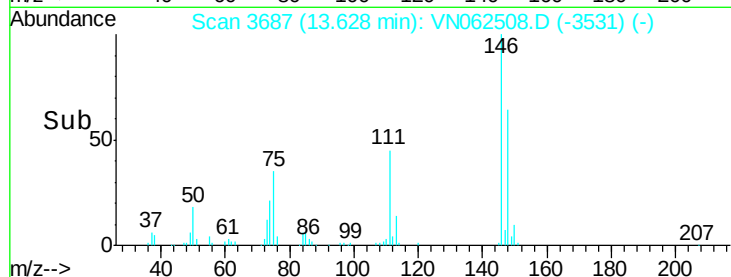
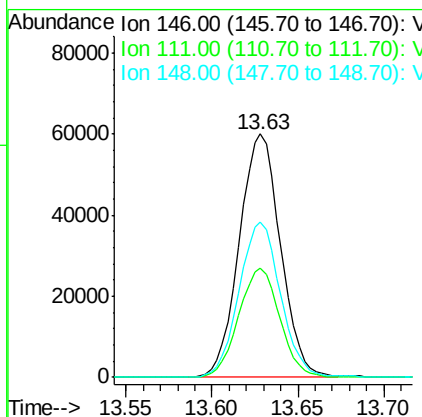
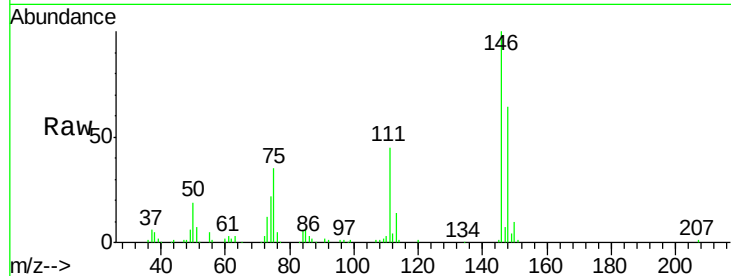
ClientSampleId :

VSTDICCC020

Tot Ion:	146	Resp:	100176
Ion Ratio		Lower	Upper
146	100		
111	44.7	22.4	67.0
148	64.2	32.1	96.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 24.325 ug/l

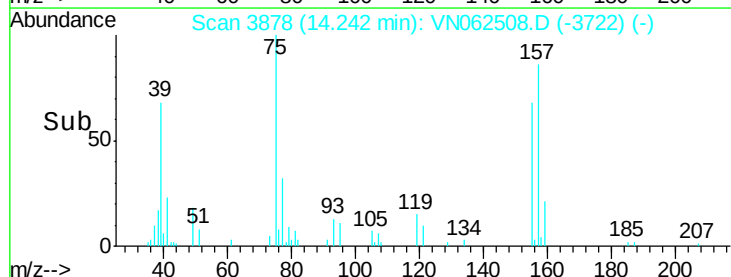
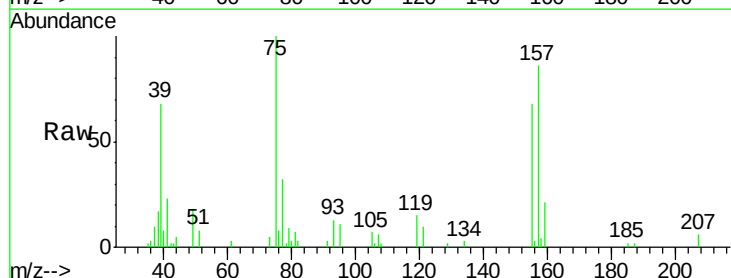
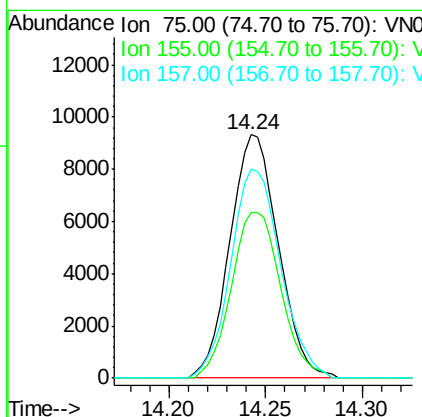
RT: 14.24 min Scan# 3878

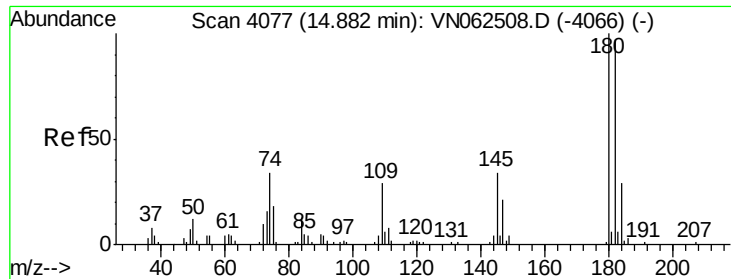
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	75	Resp:	16194
Ion Ratio		Lower	Upper
75	100		
155	69.6	55.7	83.5
157	88.8	71.0	106.6





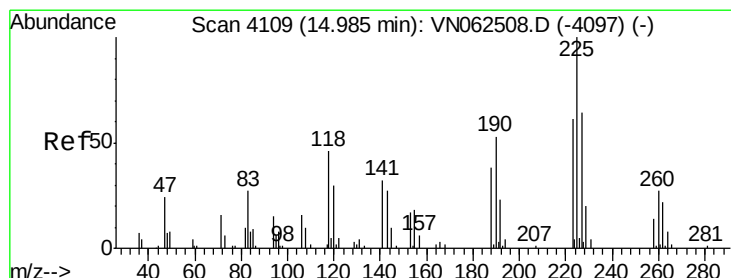
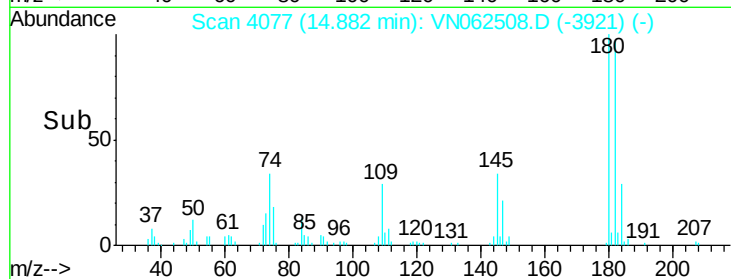
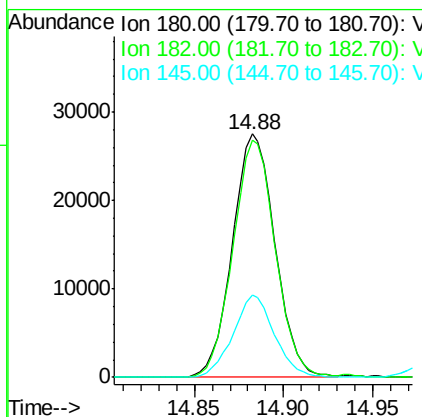
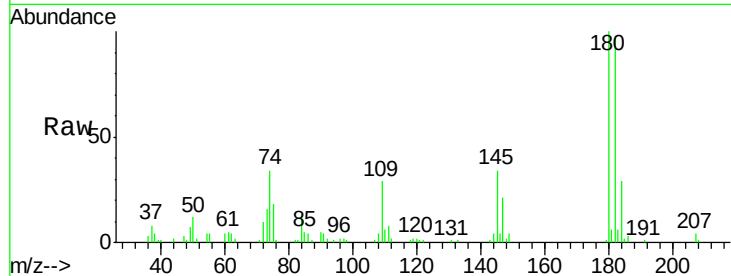
#89
1,2,4-Trichlorobenzene
Concen: 14.279 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.5	116.3
145	32.6	26.1	39.1

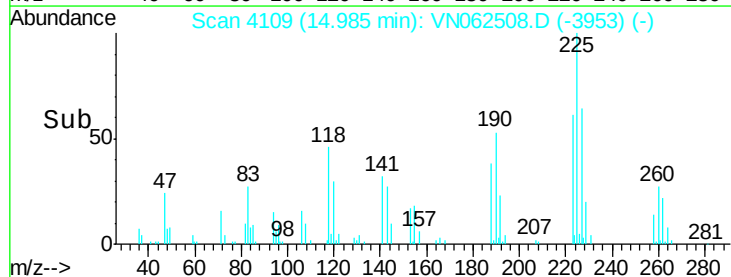
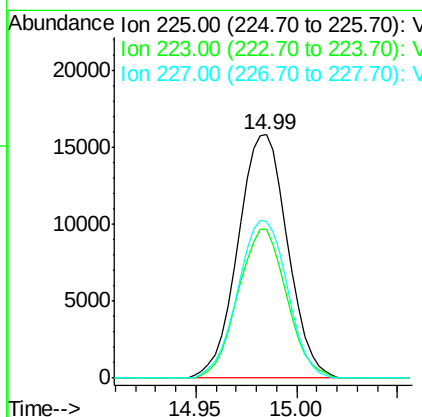
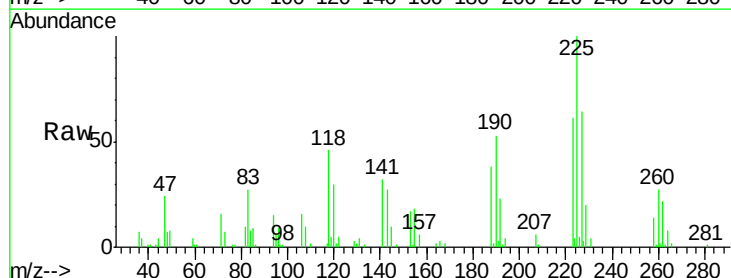
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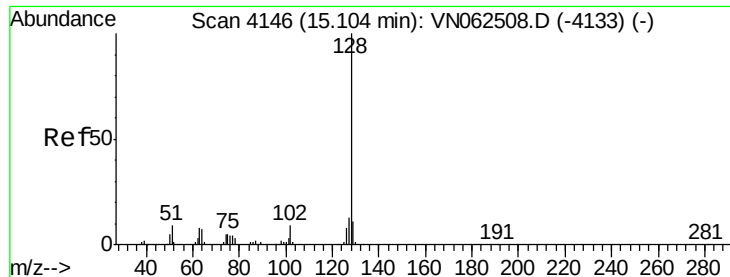
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#90
Hexachlorobutadiene
Concen: 18.742 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	0.0	120.4
227	64.8	0.0	129.6





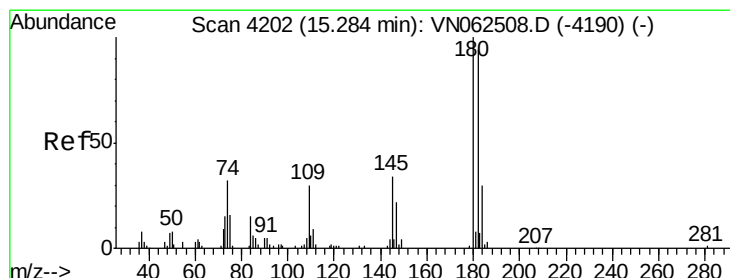
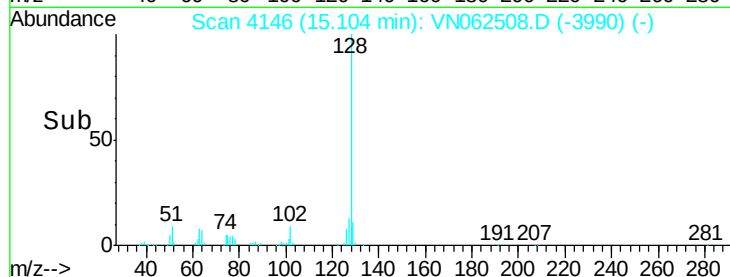
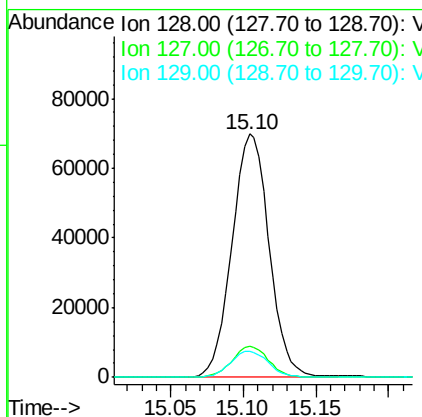
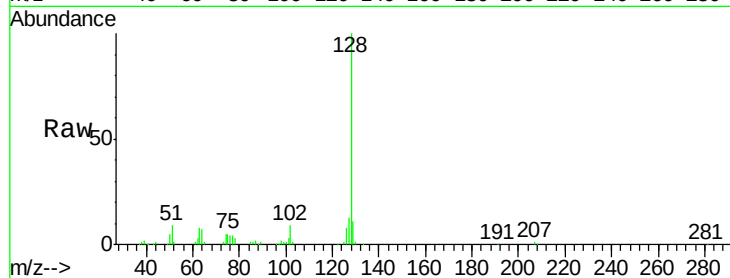
#91
Naphthalene
Concen: 13.945 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	11.0	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 15.026 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	0.0	187.2
145	33.9	0.0	67.8

