

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063033.D
 Acq On : 20 Aug 2020 13:00
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:21:55 AM

Quant Time: Aug 20 13:45:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 13:39:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	31648	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	163490	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	156271	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	68787	30.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.27%
60) 4-Bromofluorobenzene	12.38	95	71545	28.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.57%
63) Toluene-d8	10.06	98	216029	30.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	45618	20.160	ug/l 100
3) Chloromethane	2.03	50	50333	20.102	ug/l 100
4) Vinyl Chloride	2.16	62	49733	19.731	ug/l 100
5) Bromomethane	2.53	94	30485	19.620	ug/l 100
6) Chloroethane	2.67	64	29263	19.643	ug/l 100
7) Trichlorofluoromethane	2.98	101	59081	19.437	ug/l 100
8) Diethyl Ether	3.37	74	18828	18.624	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30614	18.627	ug/l 100
10) 1,1-Dichloroethene	3.70	96	27546	18.652	ug/l 100
11) Methyl Iodide	3.91	142	36063	17.798	ug/l 100
12) Methyl Acetate	4.28	43	37866	19.235	ug/l 100
13) Acrolein	3.57	56	17433	86.406	ug/l 100
14) Acrylonitrile	4.93	53	81682	94.761	ug/l 100
15) Acetone	3.78	58	23643	94.772	ug/l 100
16) Carbon Disulfide	4.01	76	74396	18.764	ug/l 100
17) Allyl chloride	4.27	41	49011	18.086	ug/l 100
18) Methylene Chloride	4.50	84	39211	18.976	ug/l 100
19) trans-1,2-Dichloroethene	4.99	96	29905	18.414	ug/l 100
20) Diisopropyl ether	5.90	45	120231	18.943	ug/l 100
21) 1,1-Dichloroethane	5.80	63	65458	18.792	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	36763	18.267	ug/l 100
23) tert-Butyl Alcohol	4.74	59	27129	96.068	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	99522	18.369	ug/l 100
25) Chloroform	7.33	83	64294	18.534	ug/l 100
26) Cyclohexane	7.61	56	55733	18.586	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	43468	18.308	ug/l 100
30) 2-Butanone	6.79	43	102513	92.635	ug/l 100
31) 2,2-Dichloropropane	6.78	77	52672	18.251	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	53311	18.643	ug/l 100
33) Carbon Tetrachloride	7.73	117	44762	18.382	ug/l 100
34) Benzene	8.00	78	142900	18.781	ug/l 100
35) Methacrylonitrile	7.13	41	20689	20.047	ug/l 100
36) 1,2-Dichloroethane	8.09	62	49015	18.883	ug/l 100
37) Trichloroethene	8.80	130	34713	18.629	ug/l 100
38) Methylcyclohexane	9.05	83	52866	17.752	ug/l 100
39) 1,2-Dichloropropane	9.09	63	41593	18.783	ug/l 100
40) Dibromomethane	9.18	93	24158	18.790	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	52568	18.451	ug/l	100
42) Vinyl Acetate	5.85	43	370672	88.420	ug/l	100
43) Ethyl Acetate	6.89	43	39854	18.868	ug/l	100
44) Isopropyl Acetate	8.13	43	64760	18.263	ug/l	100
45) 1,4-Dioxane	9.17	88	11943	359.617	ug/l	100
46) Methyl methacrylate	9.17	41	31416	17.995	ug/l	100
47) n-amyl Acetate	12.05	43	53555	17.017	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	54408	18.082	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	60596	18.501	ug/l	100
50) 1,1,2-Trichloroethane	10.54	97	37021	18.675	ug/l	100
51) Ethyl methacrylate	10.40	69	47474	17.602	ug/l	100
52) 1,3-Dichloropropane	10.68	76	61485	18.774	ug/l	100
53) Dibromochloromethane	10.87	129	40373	18.559	ug/l	100
54) 1,2-Dibromoethane	10.98	107	35591	18.716	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	43907	79.256	ug/l	100
56) Bromoform	12.10	173	28020	17.590	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	212130	94.363	ug/l	100
59) 2-Hexanone	10.72	43	146740	91.505	ug/l	100
61) Tetrachloroethene	10.60	164	32262	18.832	ug/l	100
62) Toluene	10.12	91	153017	18.476	ug/l	100
64) Chlorobenzene	11.41	112	94722	18.483	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	37405	18.415	ug/l	100
66) Ethyl Benzene	11.48	91	160152	17.739	ug/l	100
67) m/p-Xylenes	11.60	106	121572	35.945	ug/l	100
68) o-Xylene	11.92	106	57749	17.775	ug/l	100
69) Styrene	11.94	104	100556	17.718	ug/l	100
70) Isopropylbenzene	12.22	105	157940	17.871	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	53317	18.812	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	47313m	19.315	ug/l	
73) Bromobenzene	12.50	156	42662	17.900	ug/l	100
74) n-propylbenzene	12.57	91	187725	17.707	ug/l	100
75) 2-Chlorotoluene	12.65	91	113050	17.892	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	134957	17.893	ug/l	100
77) t-1,4-Dichloro-2-butene	12.28	75	15291	17.204	ug/l	100
78) 4-Chlorotoluene	12.75	91	115892	17.790	ug/l	100
79) tert-butylbenzene	12.97	119	110183	17.362	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	129942	17.699	ug/l	100
81) sec-Butylbenzene	13.15	105	152309	17.423	ug/l	100
82) p-Isopropyltoluene	13.26	119	132846	17.141	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	74013	17.786	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	71108	17.484	ug/l	100
85) n-Butylbenzene	13.59	91	103095	16.007	ug/l	100
86) Hexachloroethane	13.85	117	26937	17.648	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	71832	18.023	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.25	75	8002	17.800	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	30359	15.436	ug/l	100
90) Hexachlorobutadiene	14.98	225	25348	17.412	ug/l	100
91) Naphthalene	15.10	128	63520	14.616	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	31384	15.983	ug/l	100

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VSTDICCC020

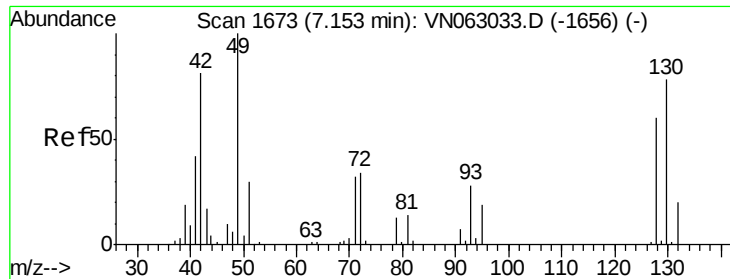
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



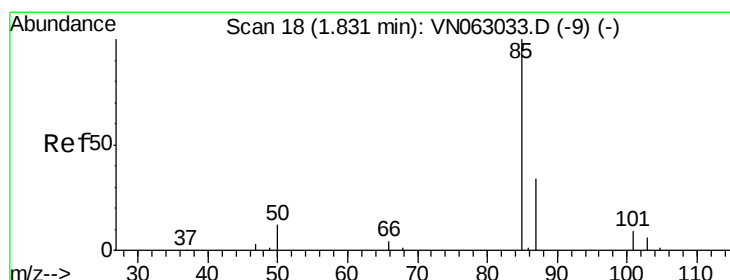
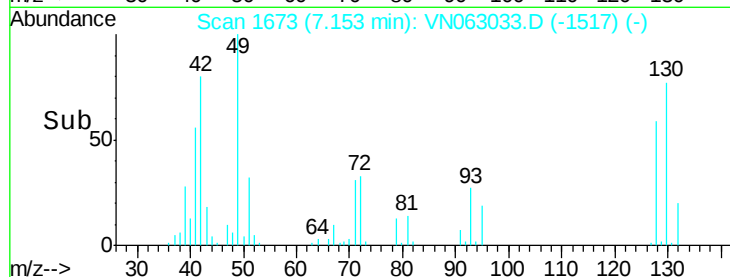
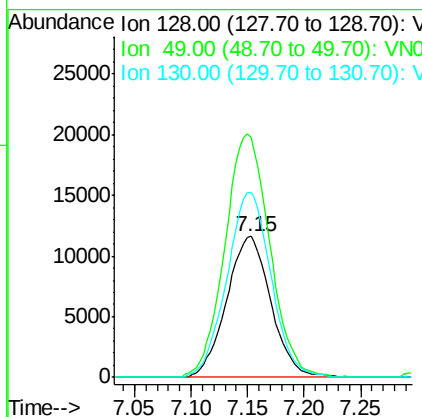
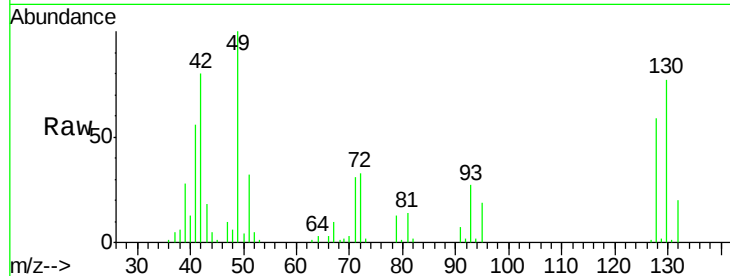
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	175.0	0.0	437.5
130	130.9	0.0	327.3

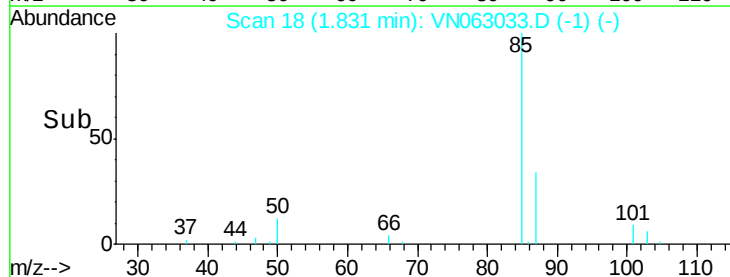
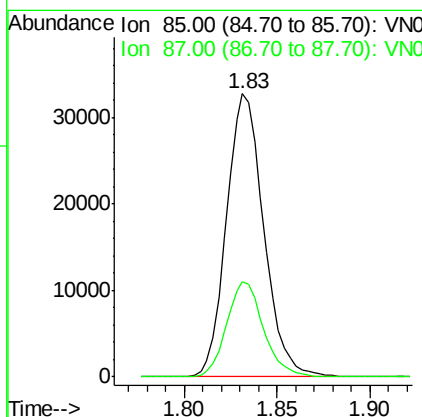
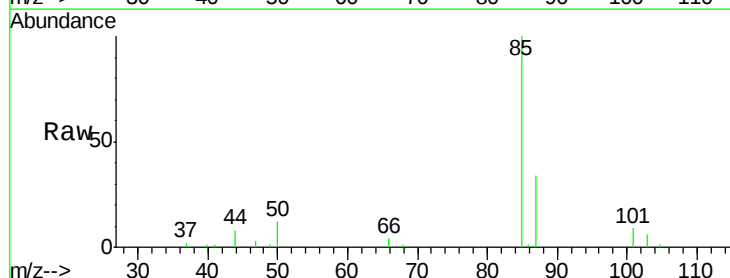
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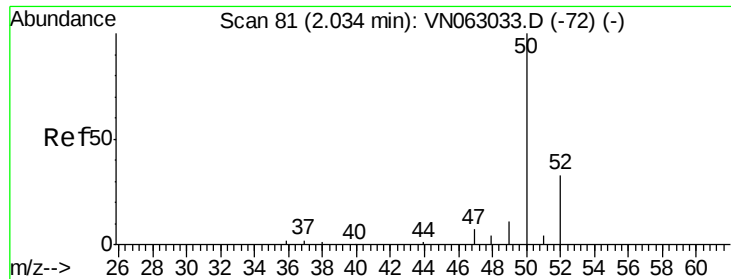
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#2
Dichlorodifluoromethane
Concen: 20.160 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.9	50.6





#3

Chloromethane

Concen: 20.102 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 50333

Ion Ratio Lower Upper

50 100

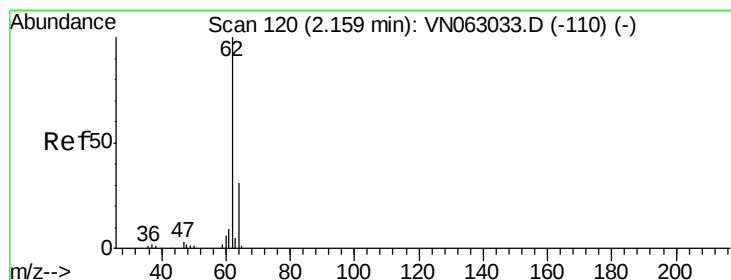
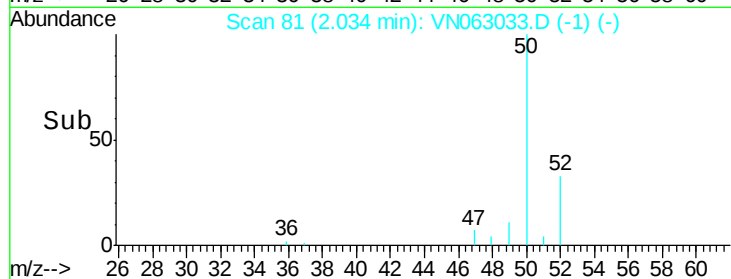
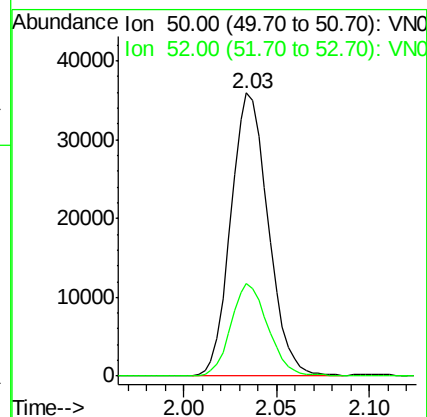
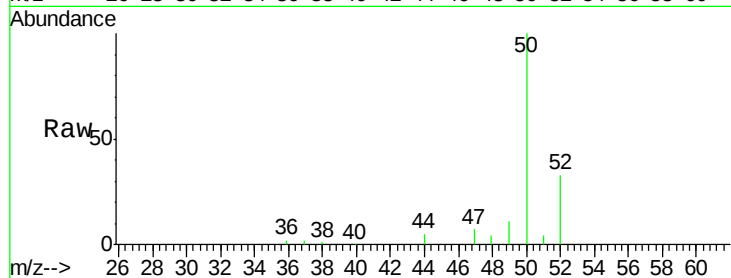
52 32.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.731 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063033.D

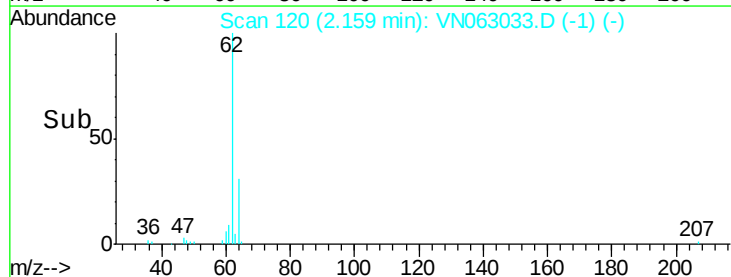
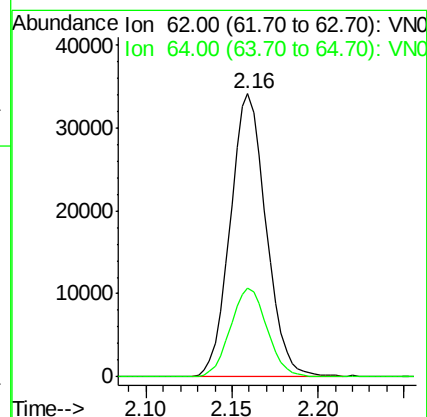
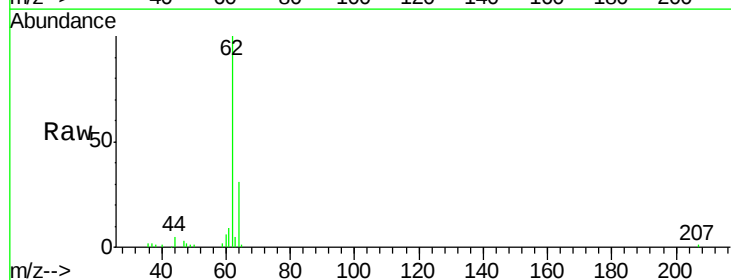
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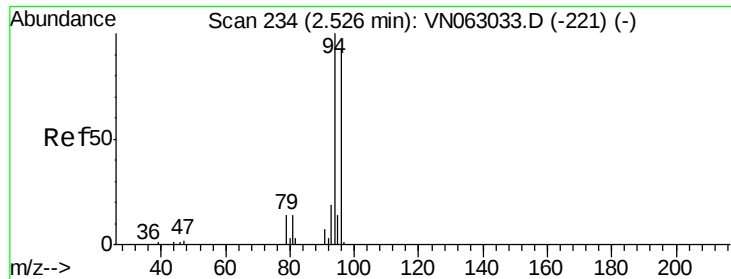
Tgt Ion: 62 Resp: 49733

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 19.620 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 30485

Ion Ratio Lower Upper

94 100

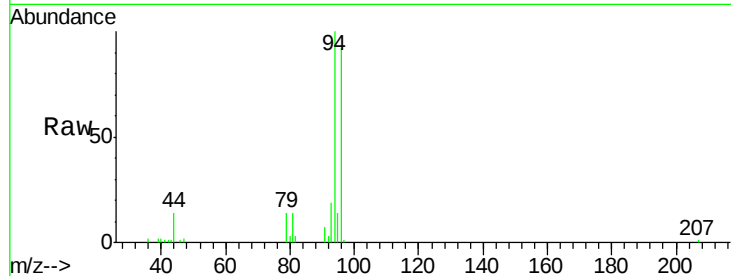
96 92.5 74.0 111.0

Manual Integrations

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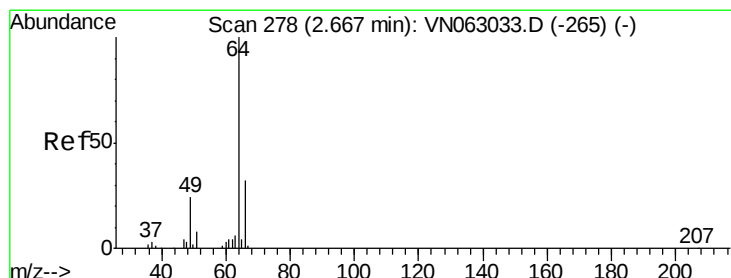
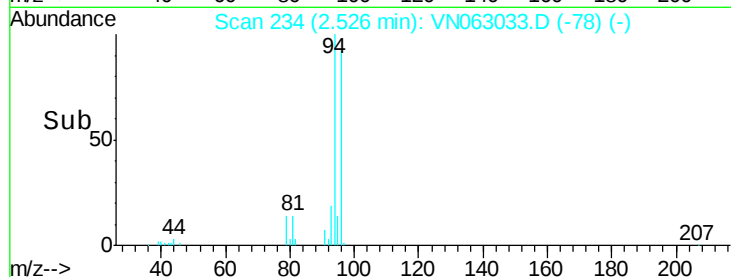
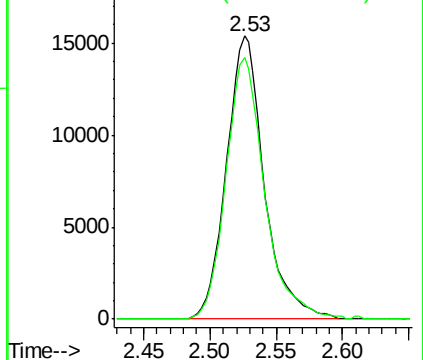
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 19.643 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN063033.D

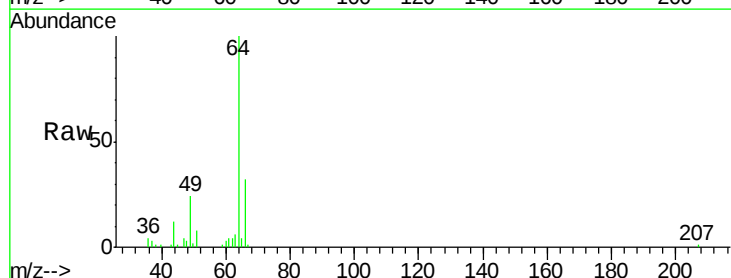
Acq: 20 Aug 2020 13:00

Tgt Ion: 64 Resp: 29263

Ion Ratio Lower Upper

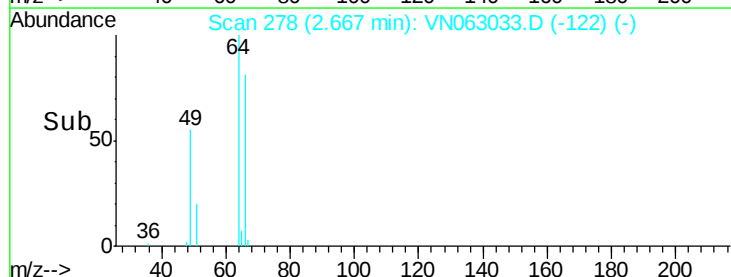
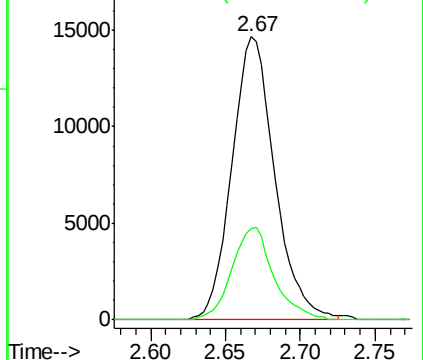
64 100

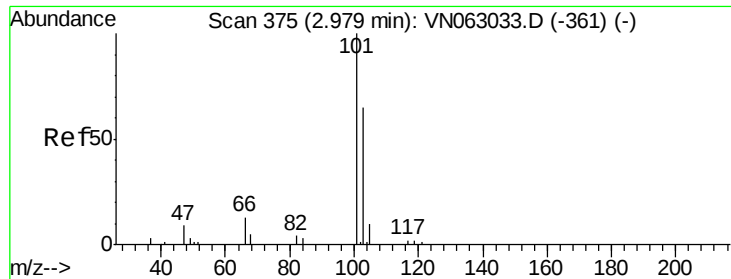
66 32.3 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

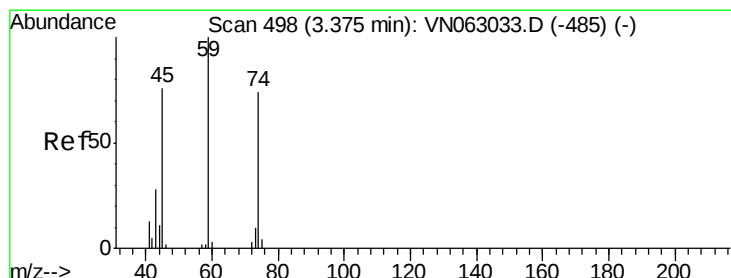
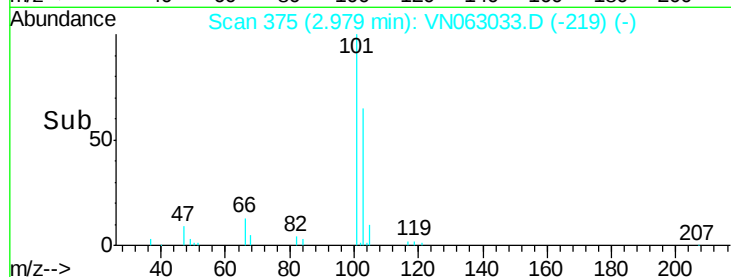
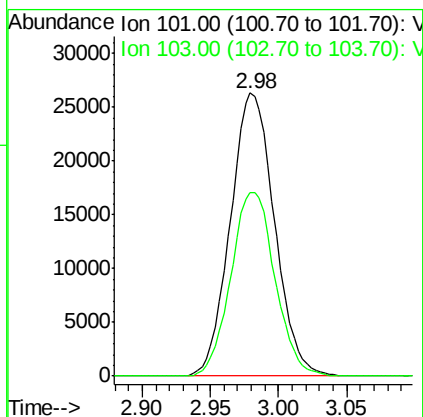
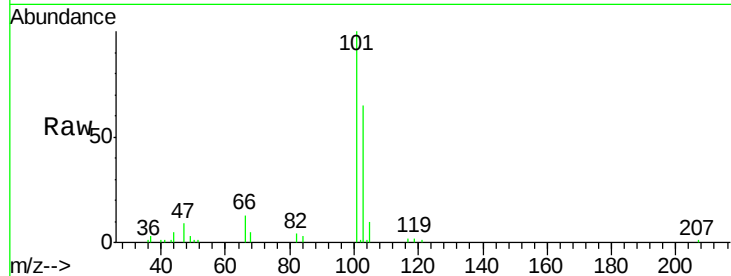
Trichlorofluoromethane
 Concen: 19.437 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
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 VSTDICCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		59081		
103	64.9	51.9	77.9		

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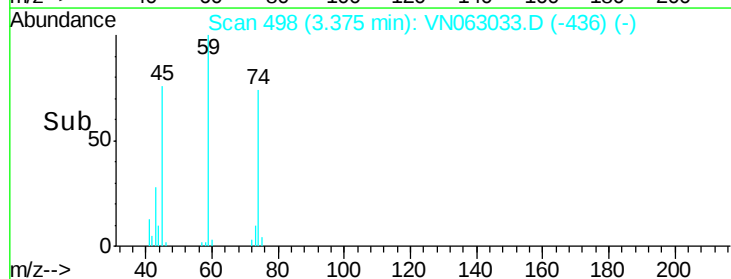
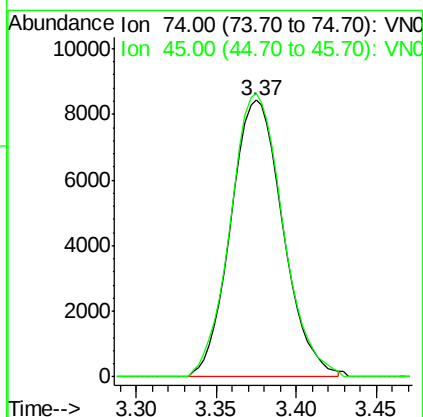
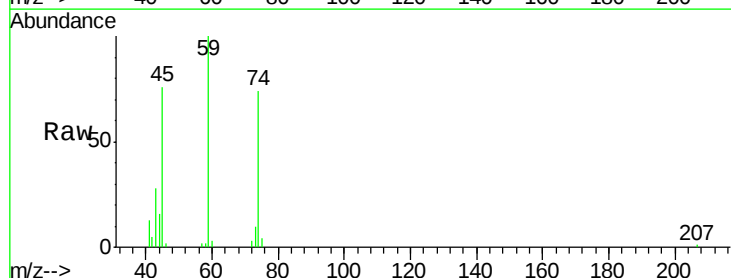
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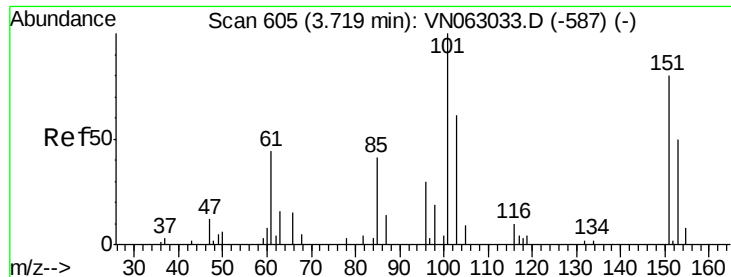


#8

Diethyl Ether
 Concen: 18.624 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		18828		
45	103.0	20.6	185.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.627 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

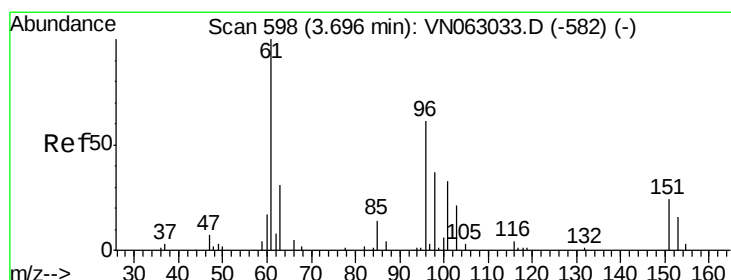
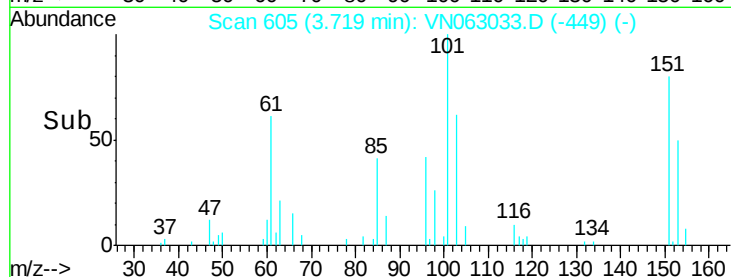
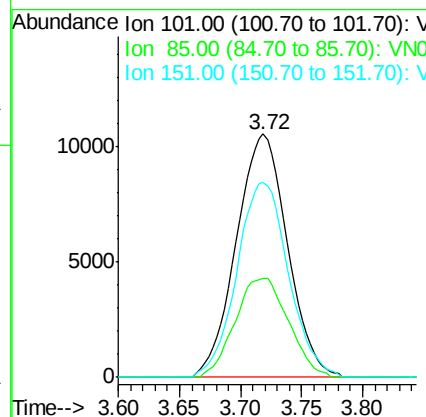
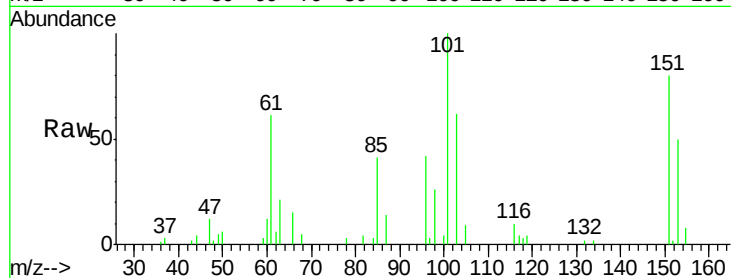
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	30614
Ion Ratio	Lower	Upper	
101	100		
85	42.5	0.0	85.0
151	80.8	0.0	161.6

Manual Integrations
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8/21/2020 9:21:55 AM



#10

1,1-Dichloroethene

Concen: 18.652 ug/l

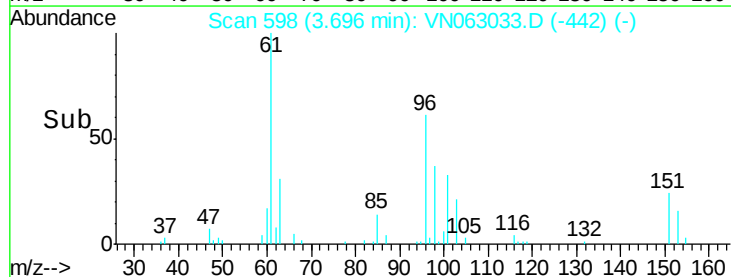
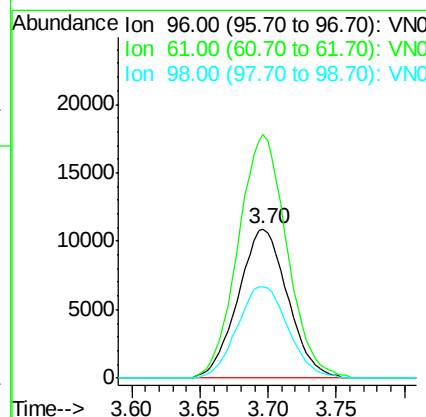
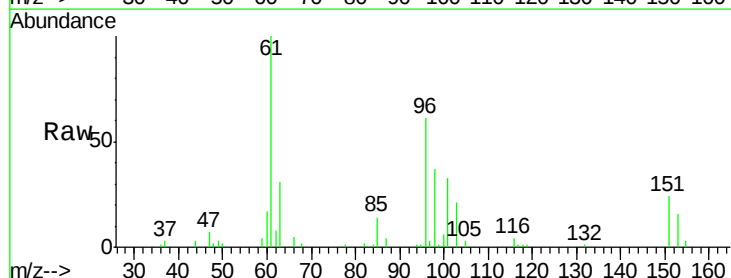
RT: 3.70 min Scan# 598

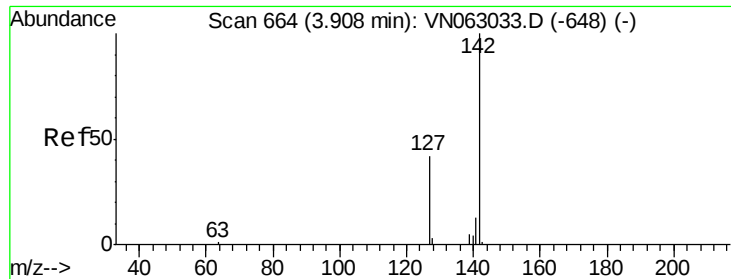
Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Tgt Ion:	96	Resp:	27546
Ion Ratio	Lower	Upper	
96	100		
61	163.5	130.8	196.2
98	61.2	49.0	73.4





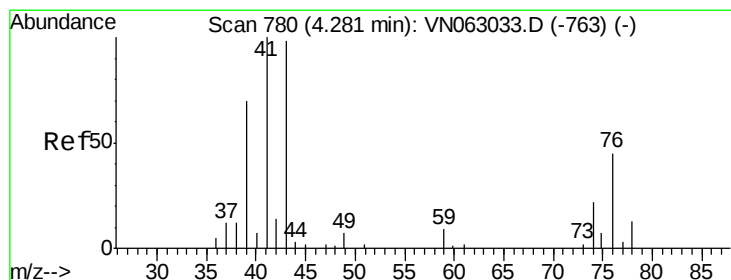
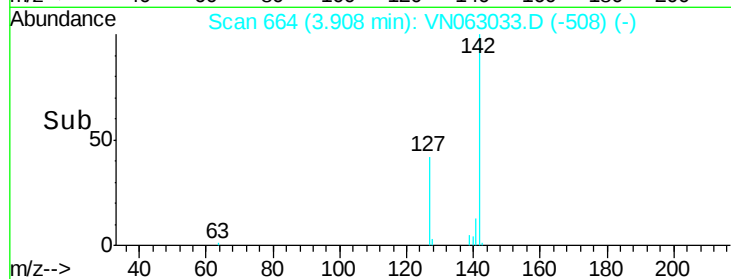
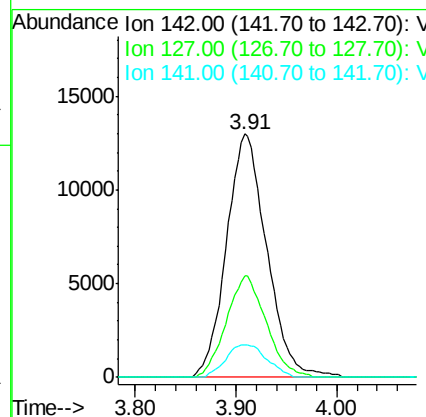
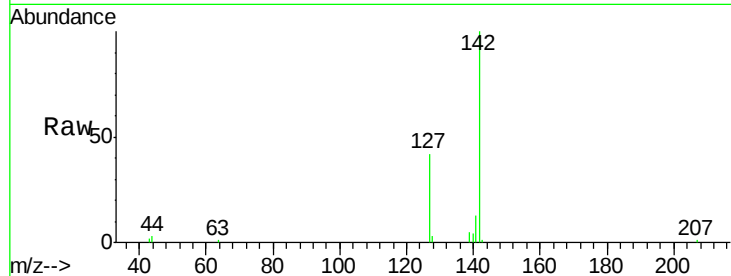
#11
Methvl Iodide
Concen: 17.798 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.9	20.9	62.8
141	13.4	6.7	20.1

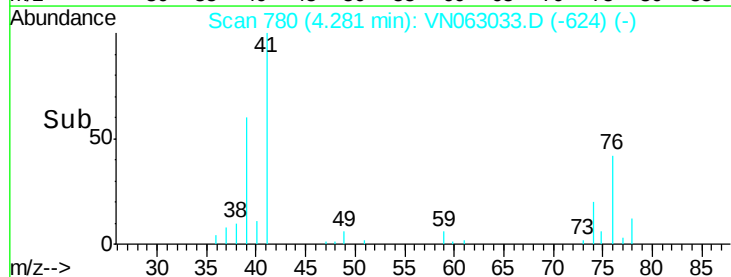
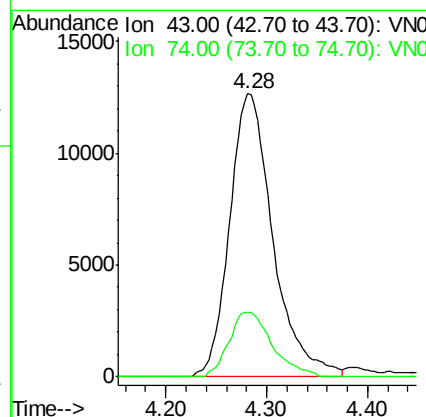
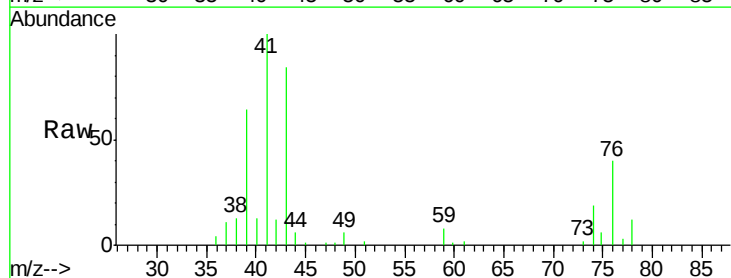
Manual Integrations
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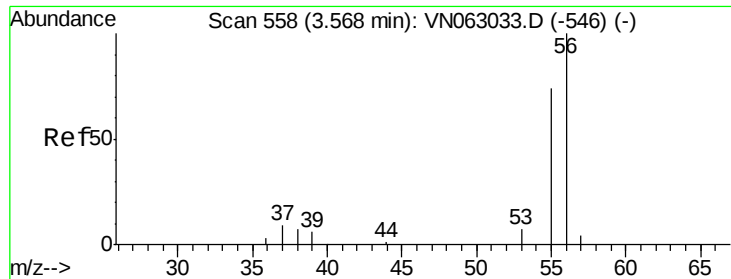
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#12
Methyl Acetate
Concen: 19.235 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.6	27.8





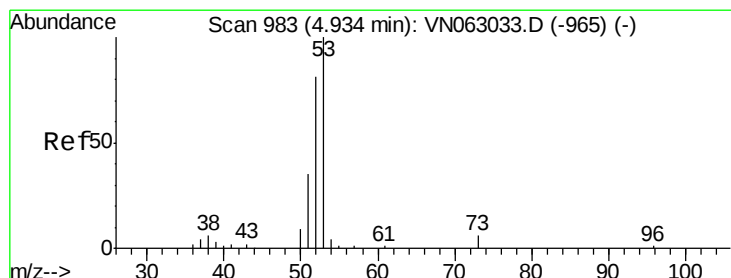
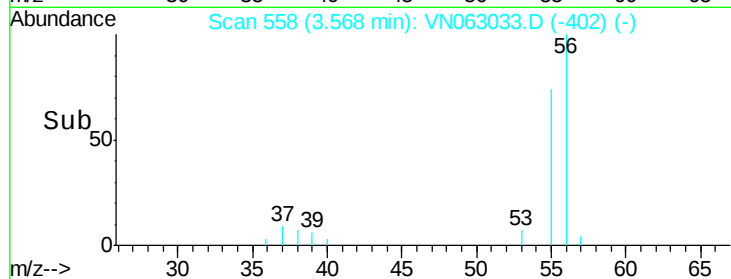
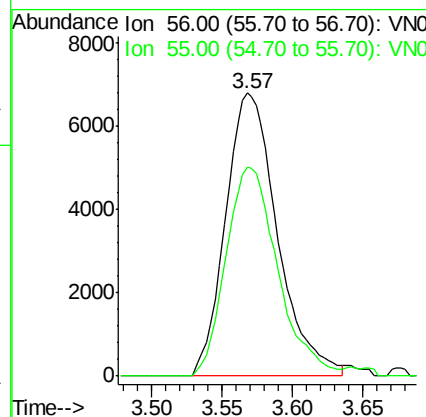
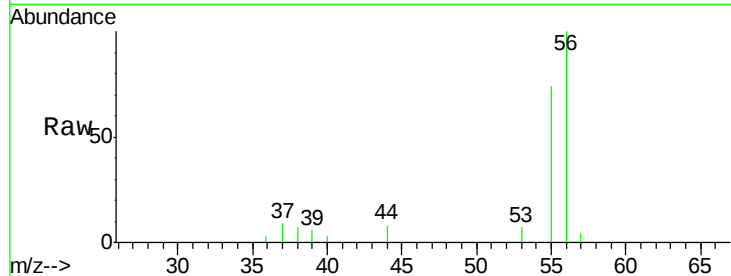
#13
Acrolein
Concen: 86.406 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 56 Resp: 17433
Ion Ratio Lower Upper
56 100
55 73.4 58.7 88.1

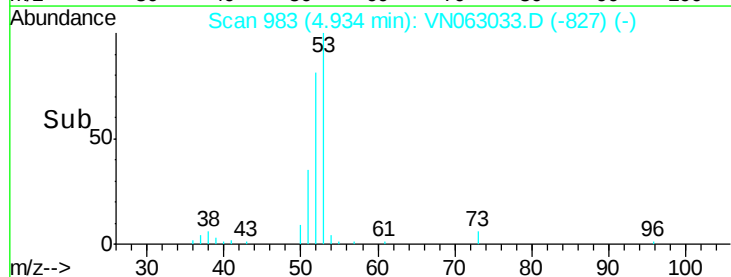
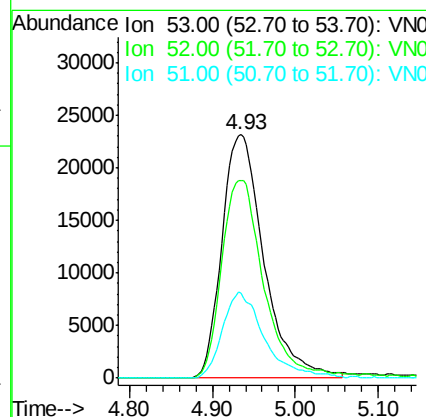
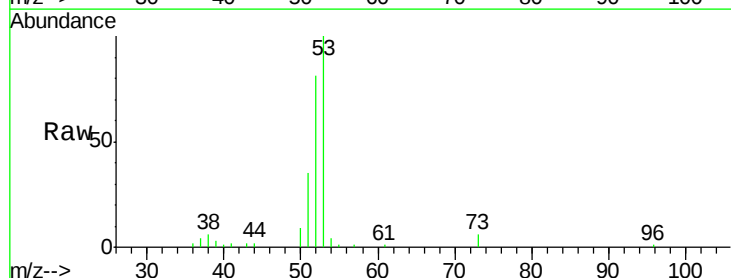
Manual Integrations
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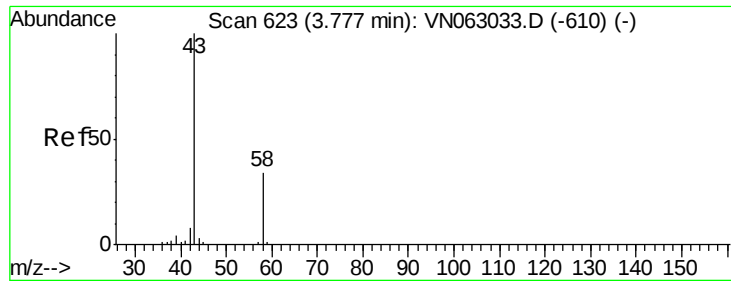
MMDadoda
8/21/2020 9:21:55 AM



#14
Acrylonitrile
Concen: 94.761 ug/l
RT: 4.93 min Scan# 983
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 53 Resp: 81682
Ion Ratio Lower Upper
53 100
52 79.8 39.9 119.7
51 34.0 17.0 51.0





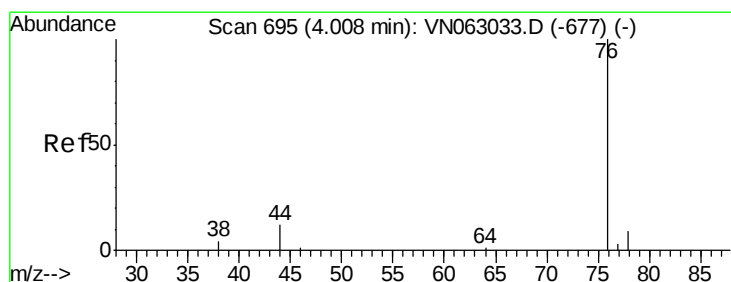
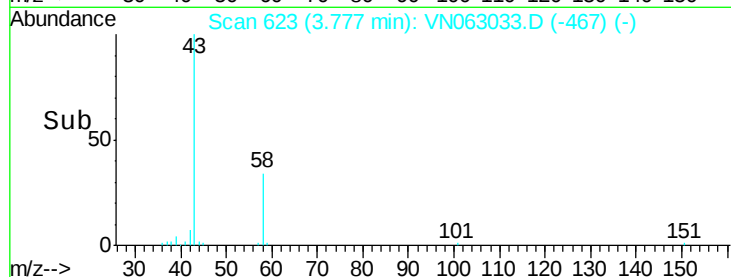
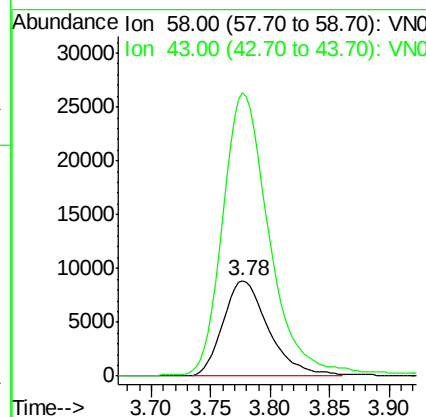
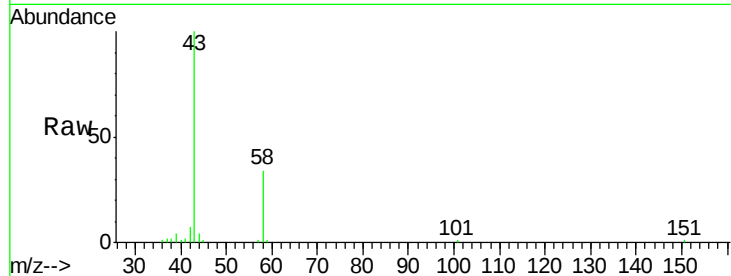
#15
Acetone
Concen: 94.772 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 58 Resp: 23643
Ion Ratio Lower Upper
58 100
43 291.5 233.2 349.8

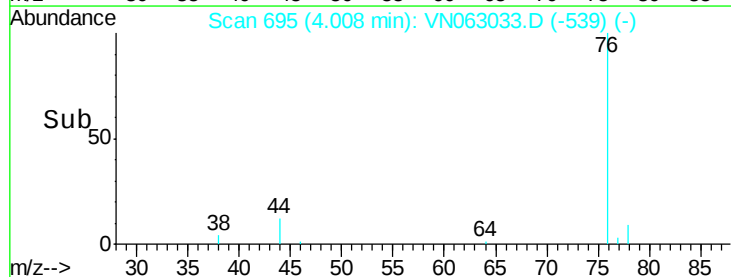
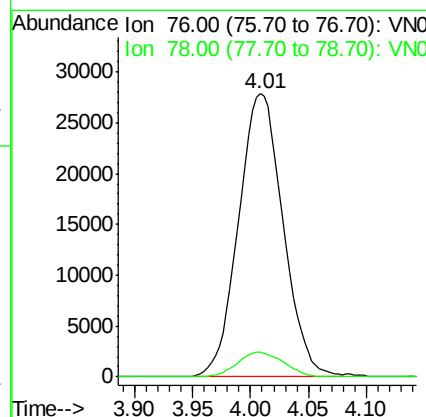
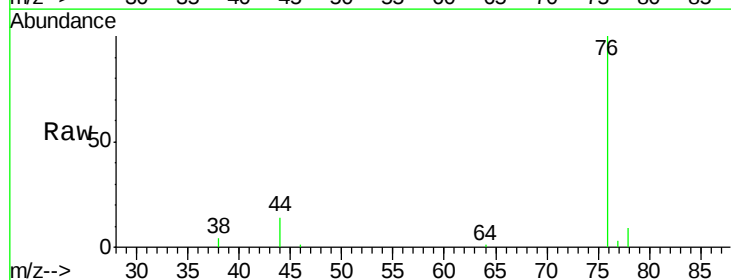
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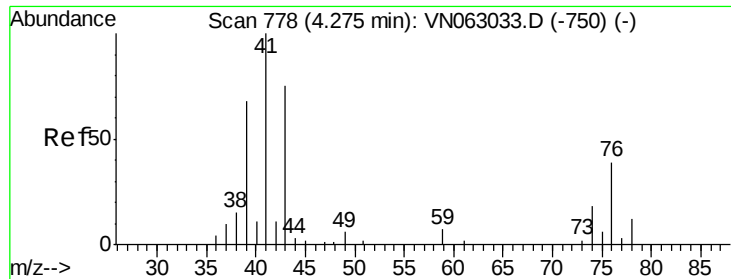
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#16
Carbon Disulfide
Concen: 18.764 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 76 Resp: 74396
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4





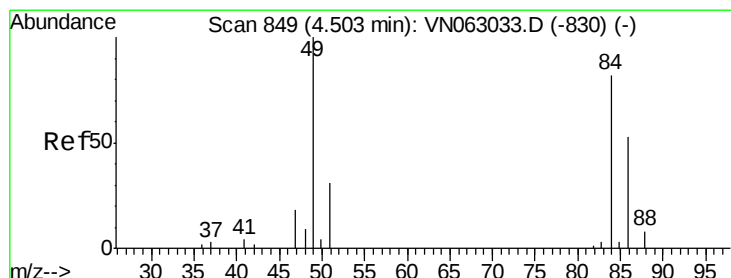
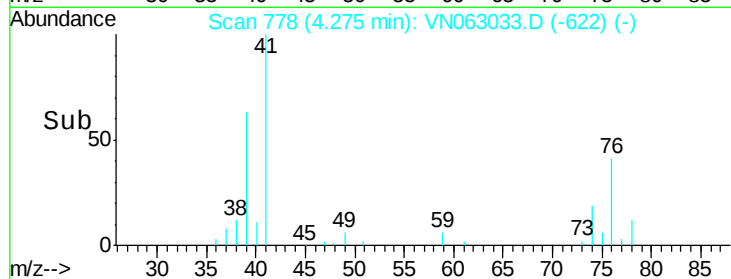
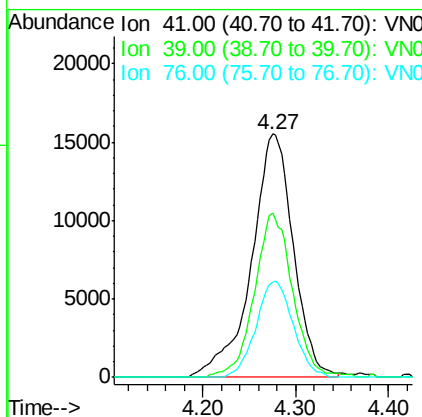
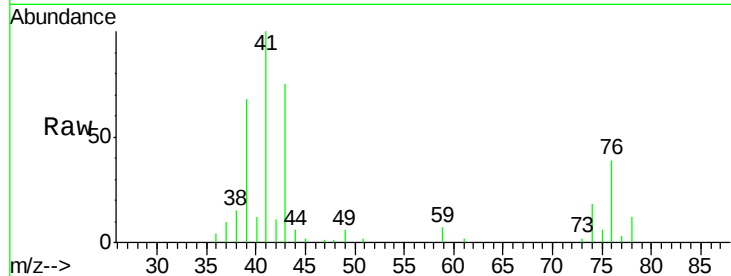
#17
Allvl chloride
Concen: 18.086 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:	41	Resp:	49011
Ion	Ratio	Lower	Upper
41	100		
39	67.6	33.8	101.4
76	38.9	19.4	58.4

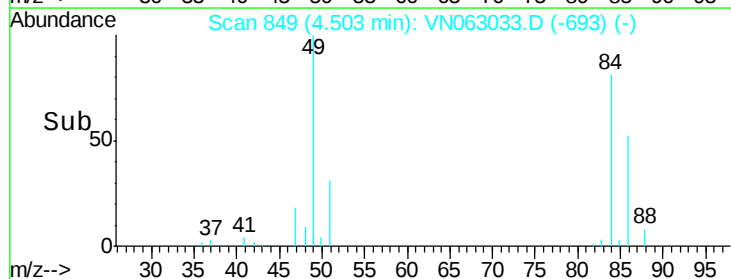
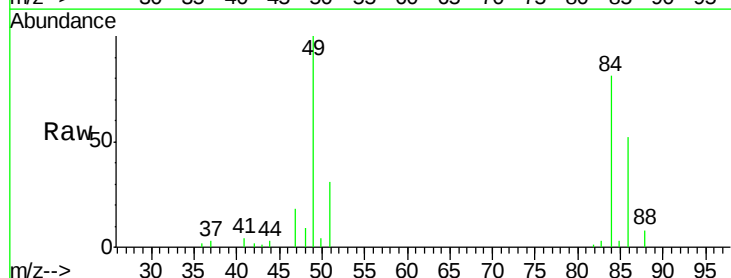
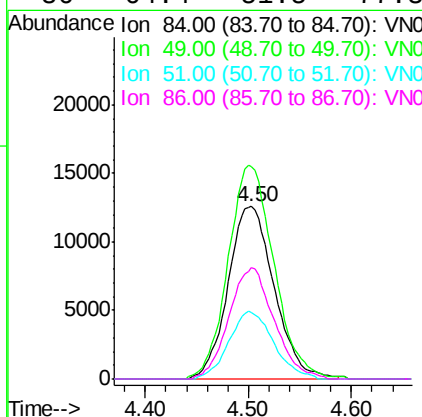
Manual Integrations
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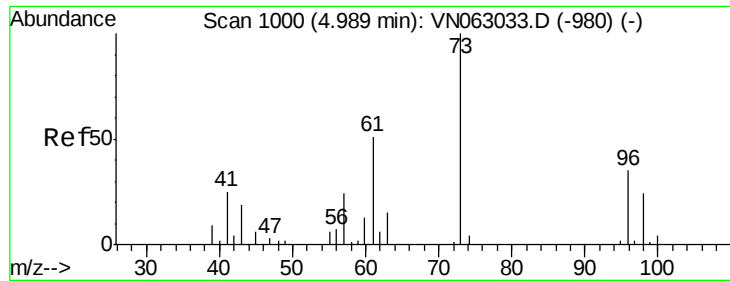
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#18
Methylene Chloride
Concen: 18.976 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion:	84	Resp:	39211
Ion	Ratio	Lower	Upper
84	100		
49	122.3	97.8	146.8
51	38.4	30.7	46.1
86	64.4	51.5	77.3





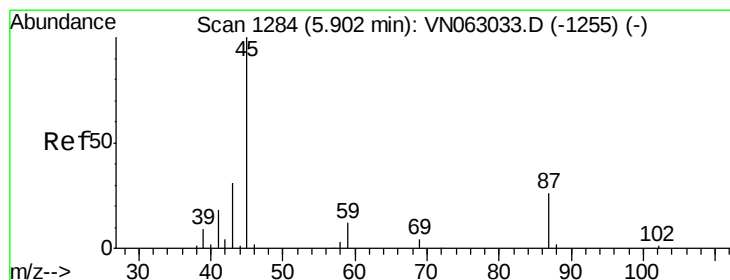
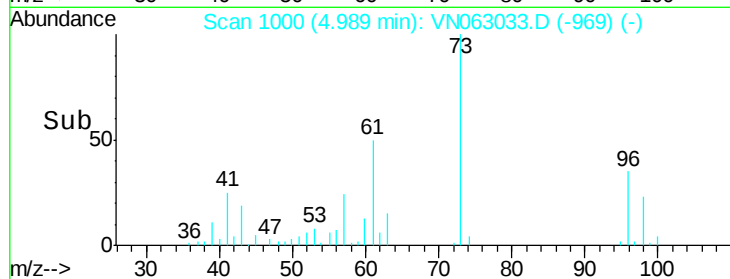
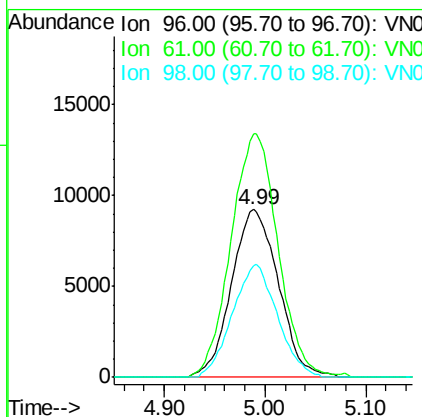
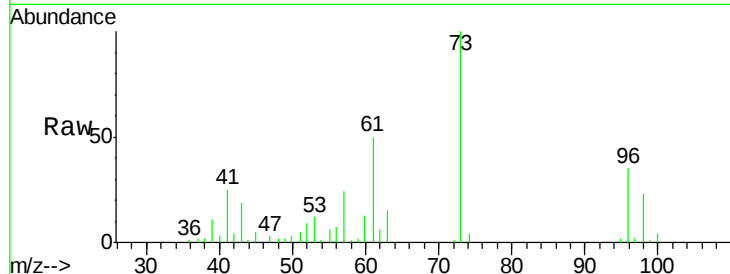
#19
trans-1,2-Dichloroethene
Concen: 18.414 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	115.9	173.9
98	66.6	53.3	79.9

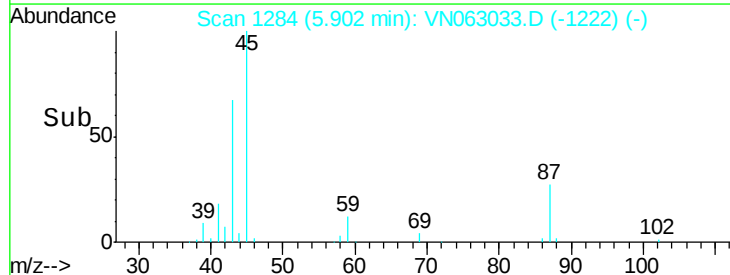
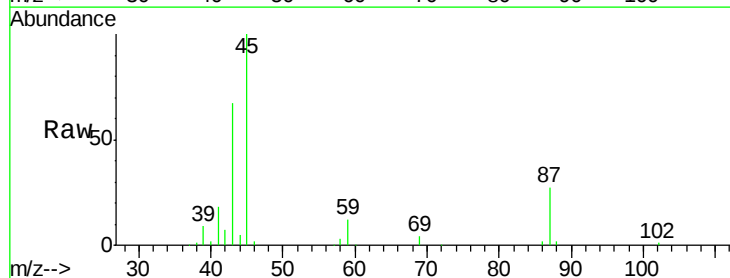
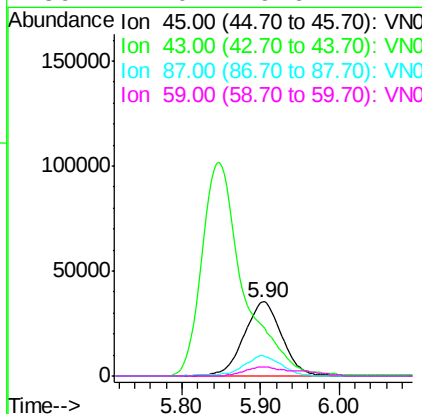
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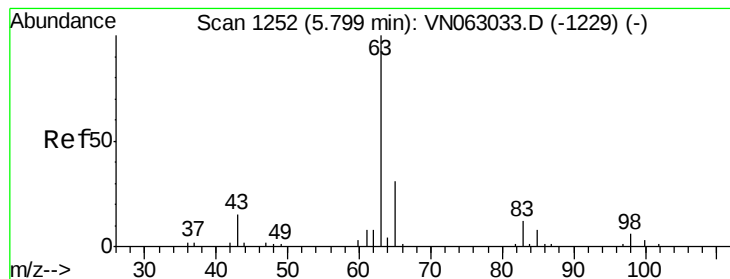
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#20
Diisopropyl ether
Concen: 18.943 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.7	51.8	77.6
87	27.2	21.8	32.6
59	12.0	9.6	14.4





#21

1,1-Dichloroethane

Concen: 18.792 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

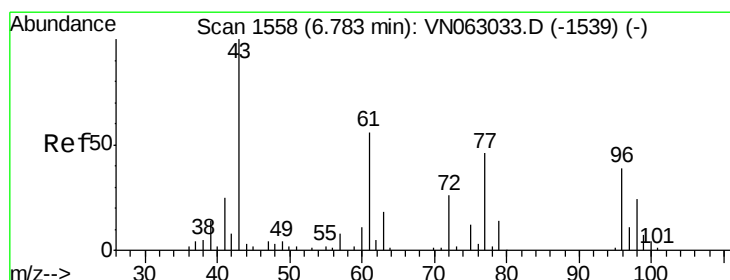
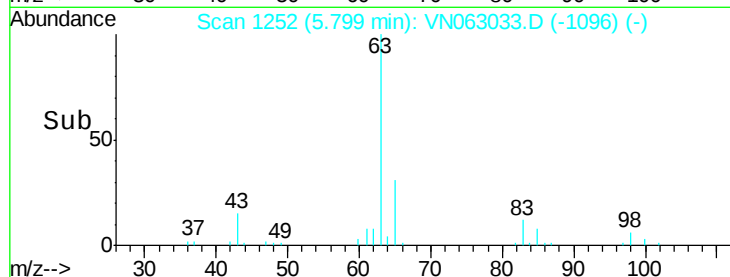
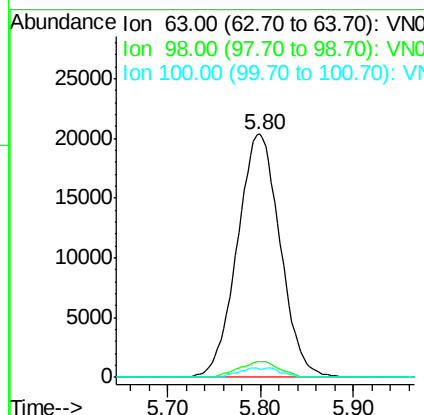
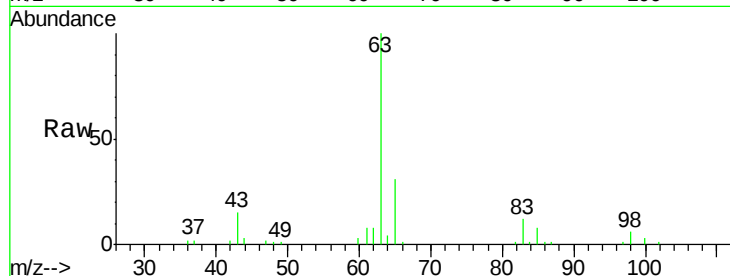
ClientSampled :

VSTDICCC020

Tot Ion:	63	Resp:	65458
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.1	9.3
100	3.5	1.8	5.3

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#22

cis-1,2-Dichloroethene

Concen: 18.267 ug/l

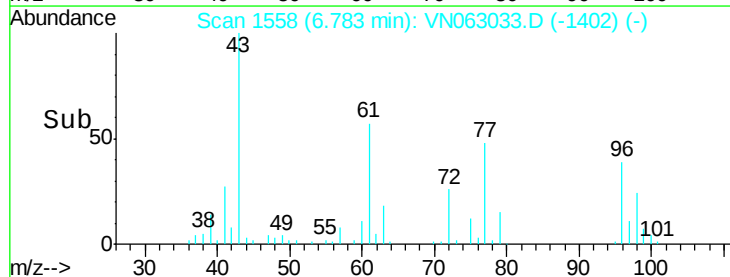
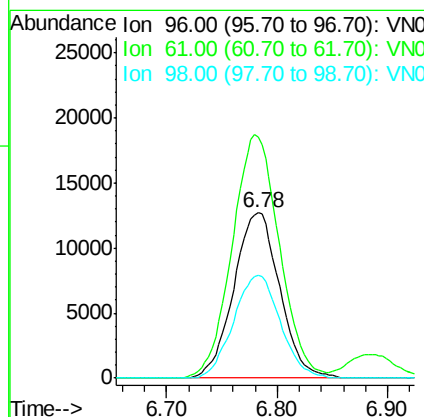
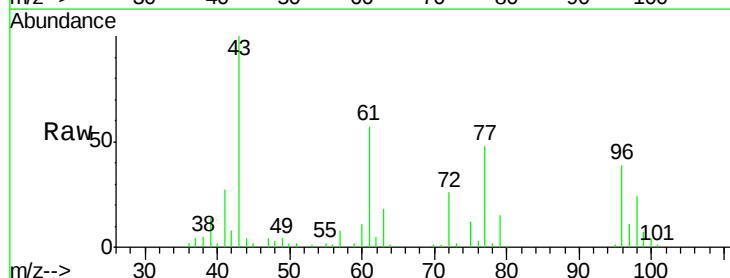
RT: 6.78 min Scan# 1558

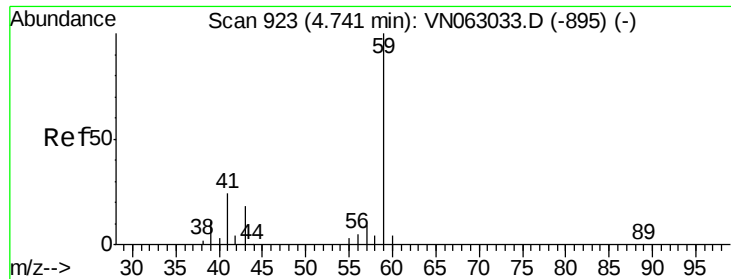
Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Tgt Ion:	96	Resp:	36763
Ion	Ratio	Lower	Upper
96	100		
61	151.1	120.9	181.3
98	62.9	50.3	75.5





#23

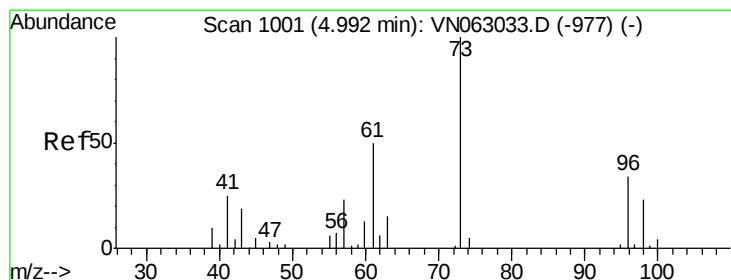
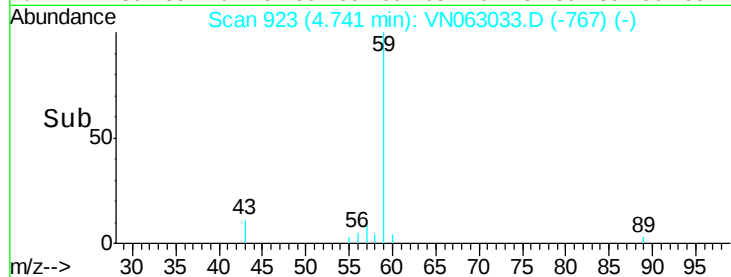
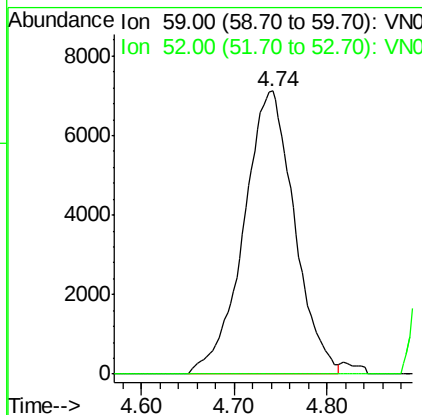
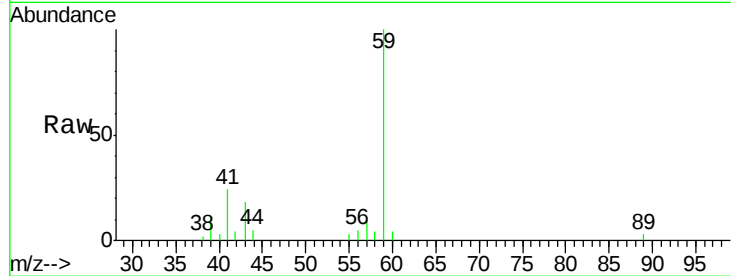
tert-Butyl Alcohol
 Concen: 96.068 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	59	52	Ratio	100	0.0	Resp	27129	Lower	Upper
Ion	59	52	Ratio	100	0.0	Resp	27129	Lower	Upper

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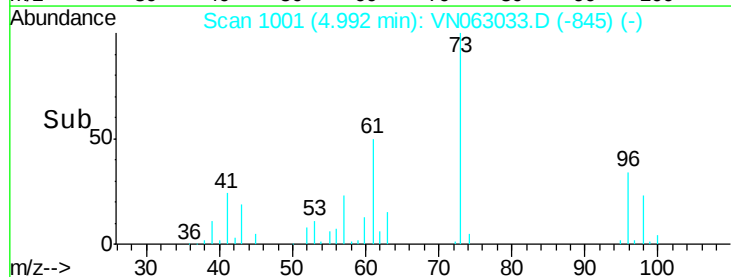
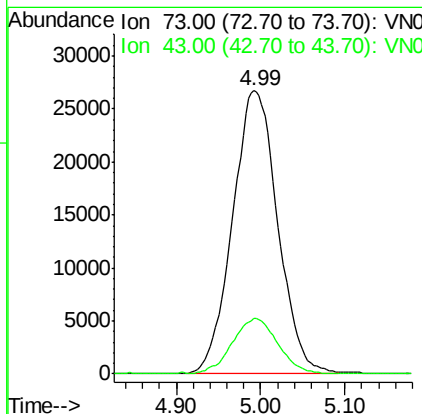
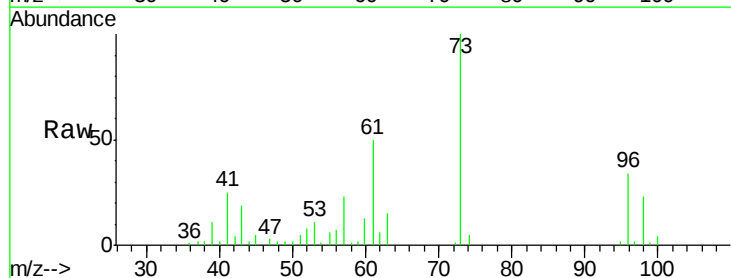
MMDadoda
 8/21/2020 9:21:55 AM

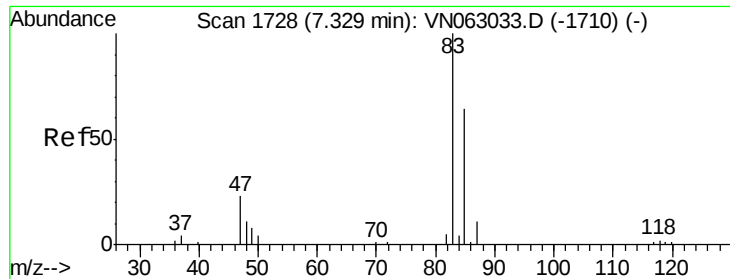


#24

Methyl tert-Butyl Ether
 Concen: 18.369 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	73	43	Ratio	100	19.7	Resp	99522	Lower	Upper
Ion	73	43	Ratio	100	19.7	Resp	99522	Lower	Upper





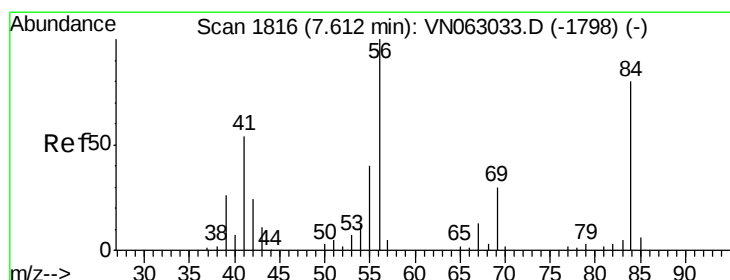
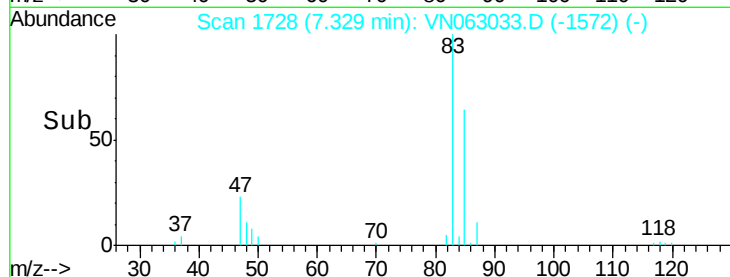
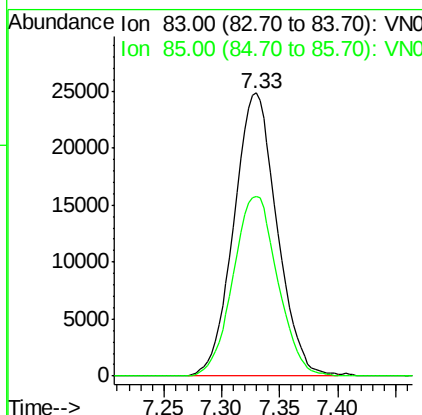
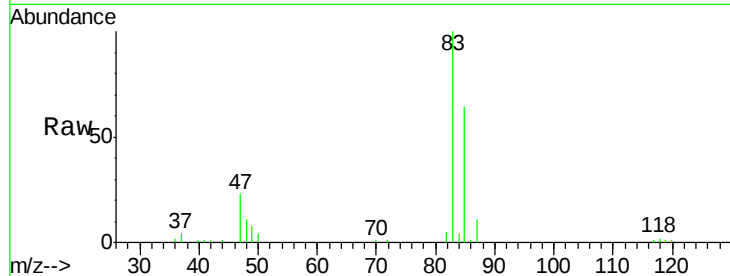
#25
Chloroform
Concen: 18.534 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion: 83 Resp: 64294
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4

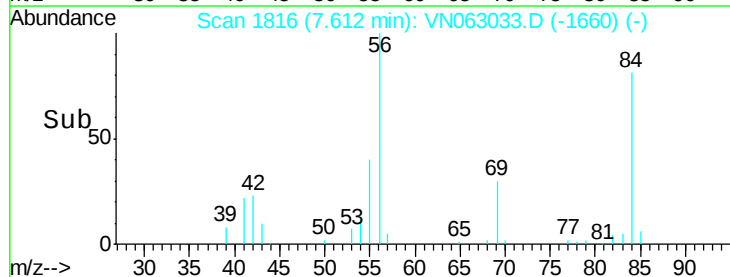
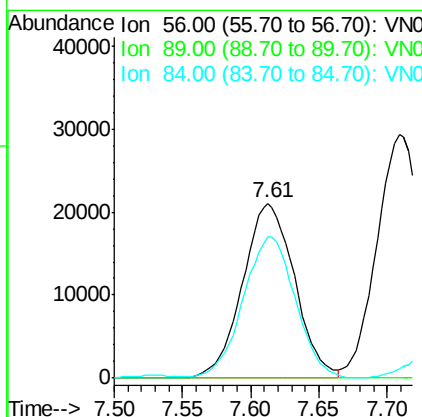
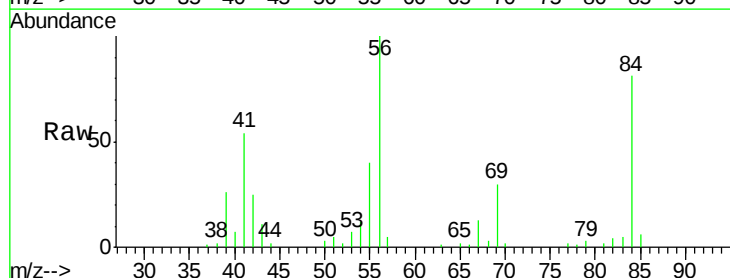
Manual Integrations
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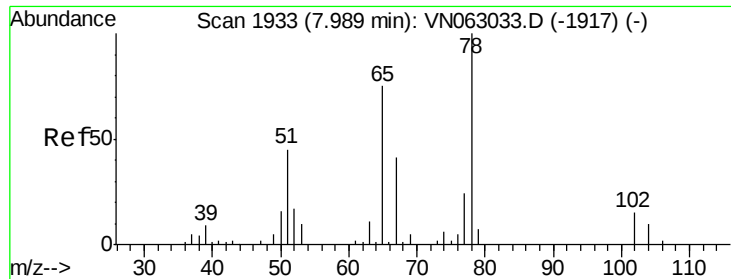
MMDadoda
8/21/2020 9:21:55 AM



#26
Cyclohexane
Concen: 18.586 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 56 Resp: 55733
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.2 65.0 97.4





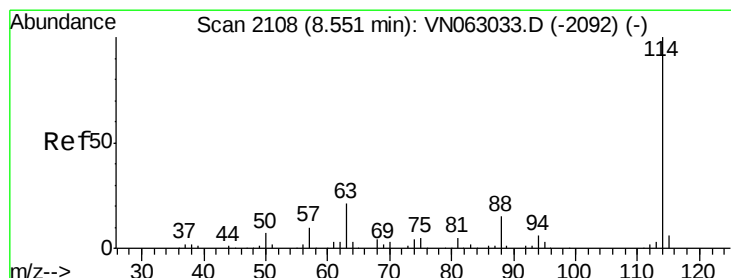
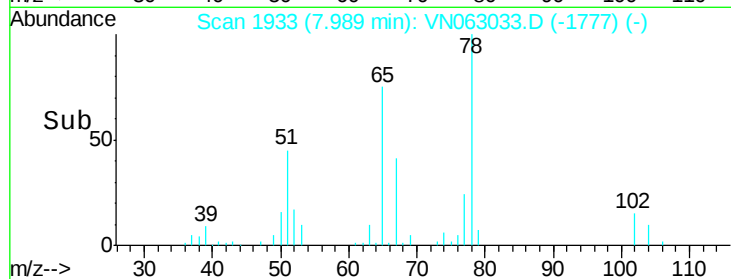
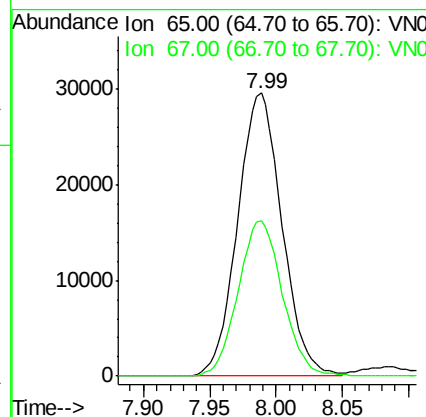
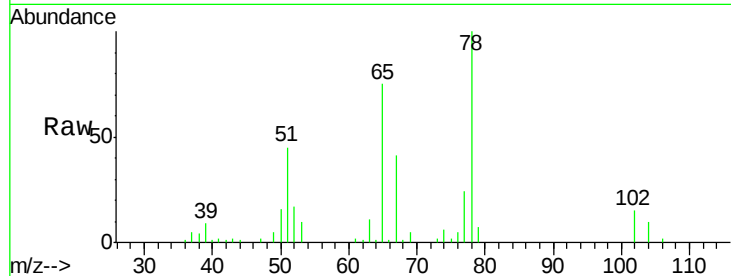
#27
 1,2-Dichloroethane-d4
 Concen: 30.676 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	43.8	65.6

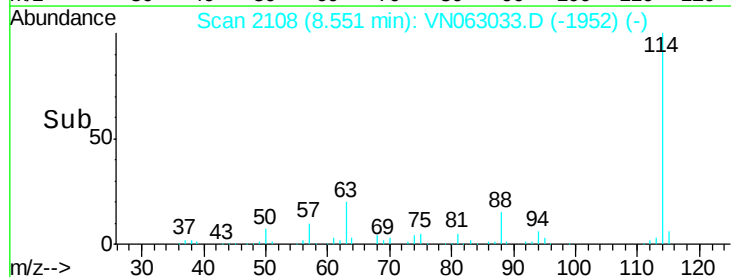
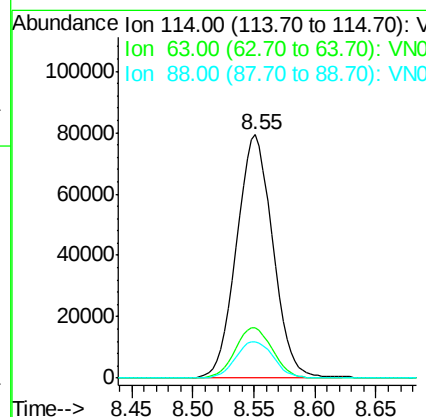
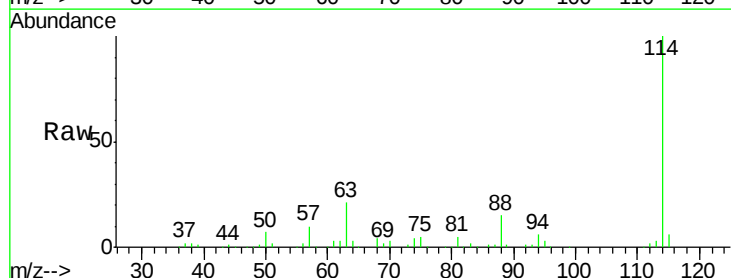
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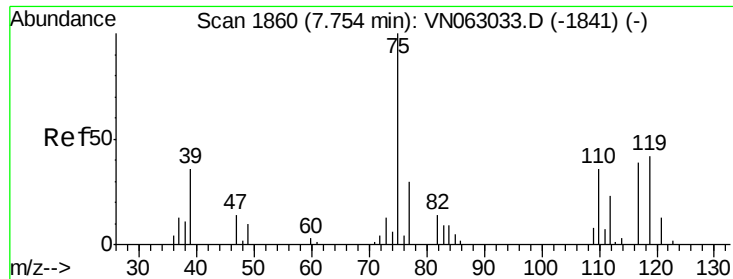
MMDadoda
 8/21/2020 9:21:55 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	17.0	25.6
88	15.7	12.6	18.8





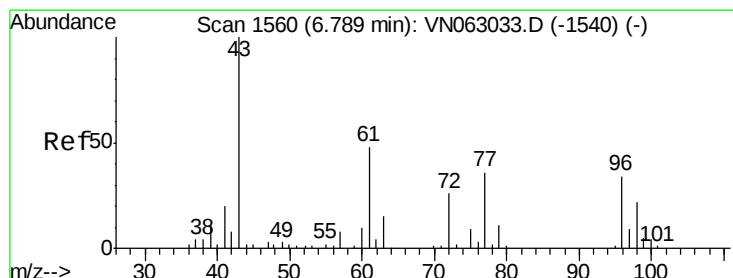
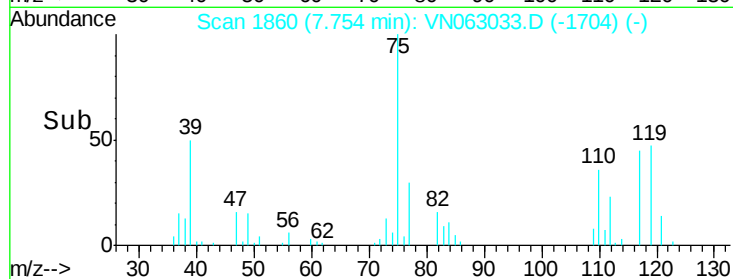
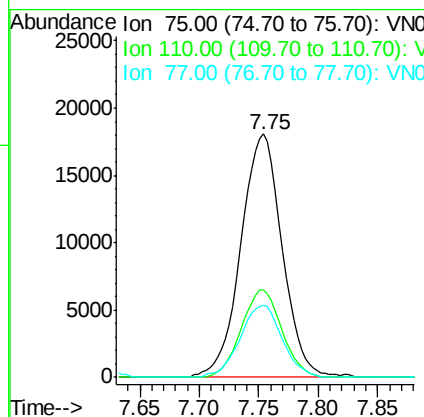
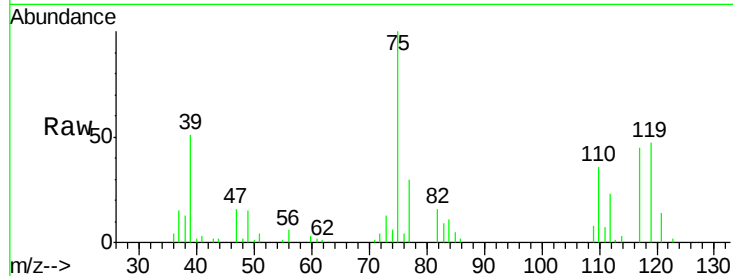
#29
 1,1-Dichloropropene
 Concen: 18.308 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.3	0.0	70.6
77	30.1	0.0	60.2

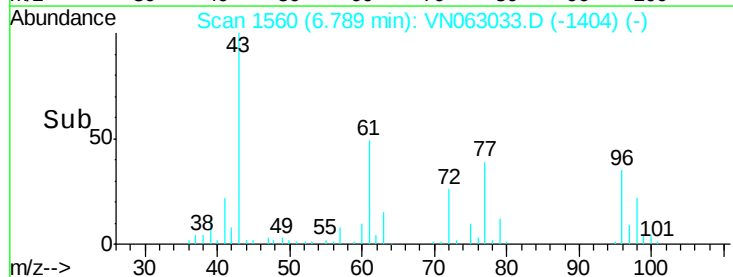
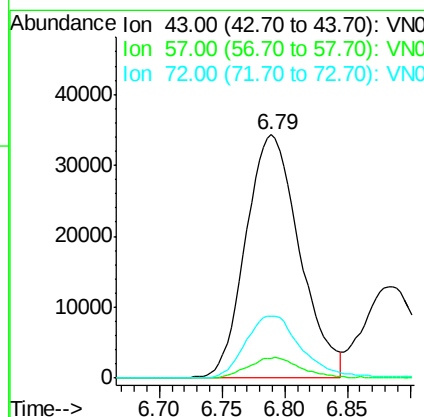
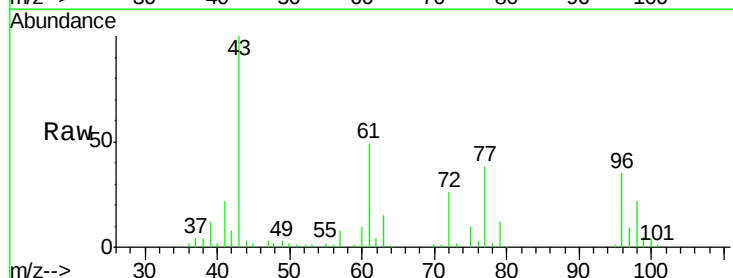
Manual Integrations
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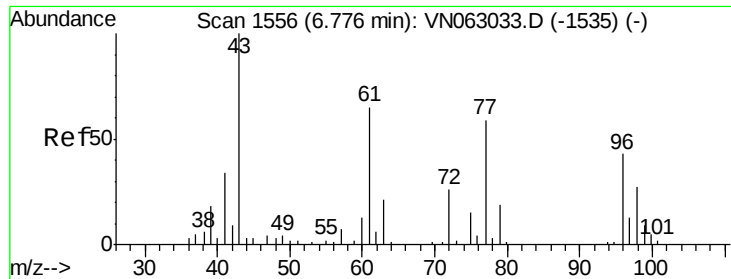
MMDadoda
 8/21/2020 9:21:55 AM



#30
 2-Butanone
 Concen: 92.635 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	9.8
72	26.6	21.3	31.9





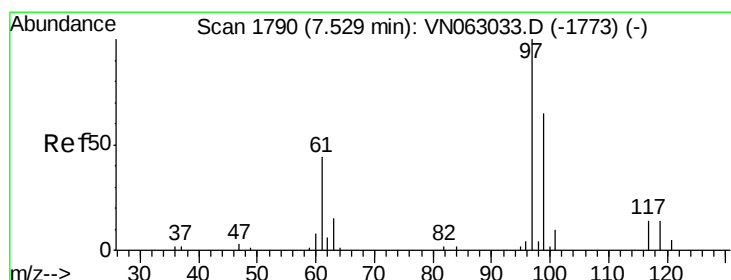
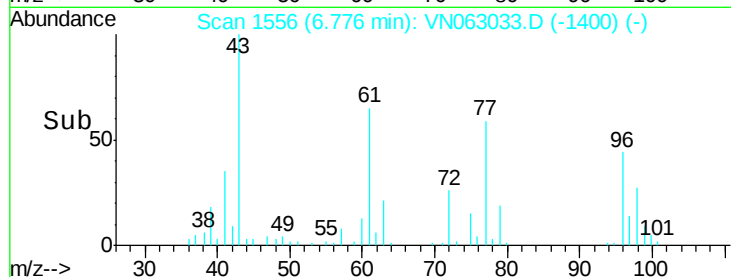
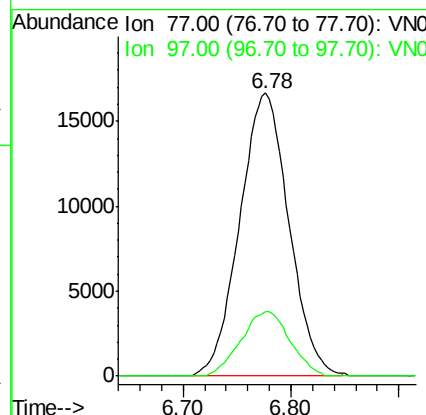
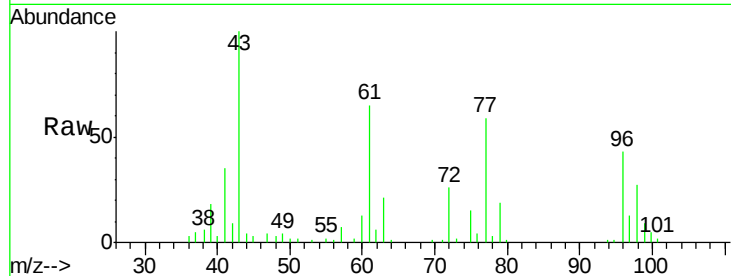
#31
 2,2-Dichloropropane
 Concen: 18.251 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 77 Resp: 52672
 Ion Ratio Lower Upper
 77 100
 97 22.8 18.2 27.4

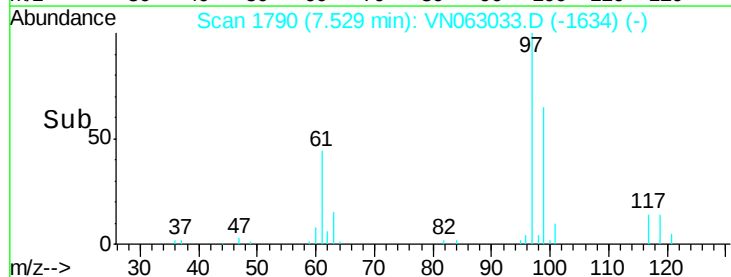
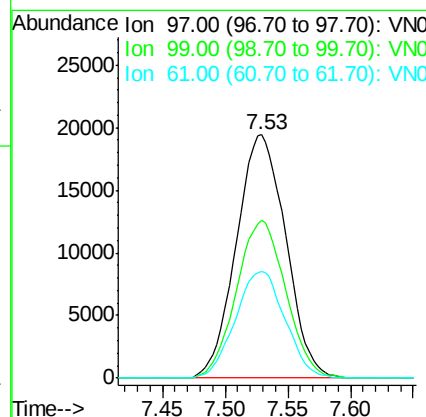
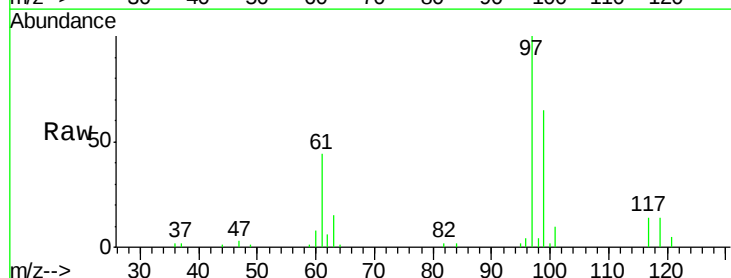
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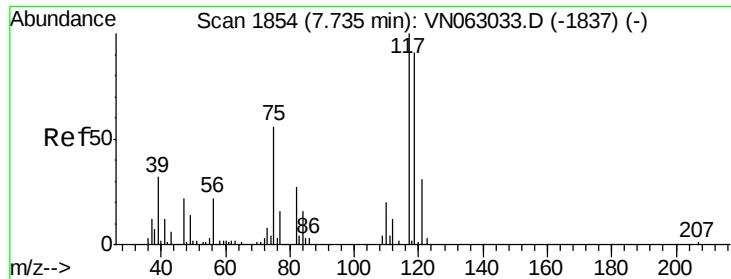
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#32
 1,1,1-Trichloroethane
 Concen: 18.643 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 97 Resp: 53311
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 44.1 35.3 52.9





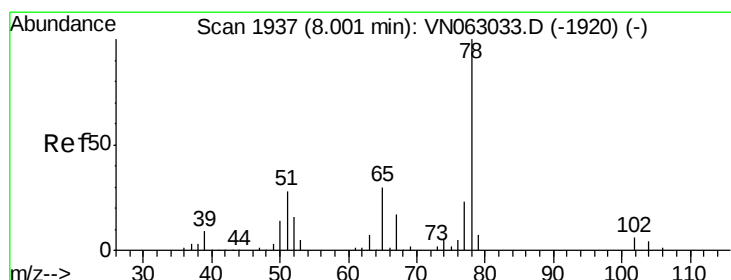
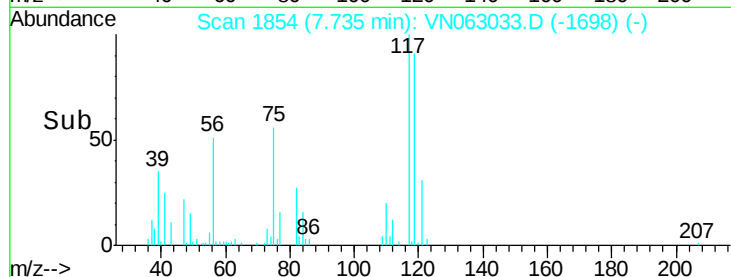
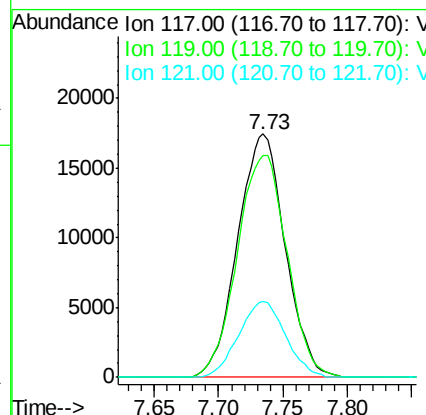
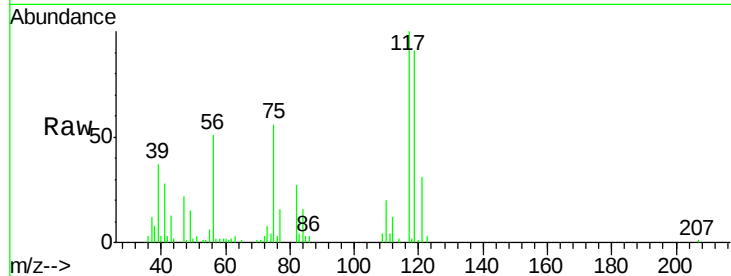
#33
Carbon Tetrachloride
Concen: 18.382 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.2	73.0	109.4
121	31.1	24.9	37.3

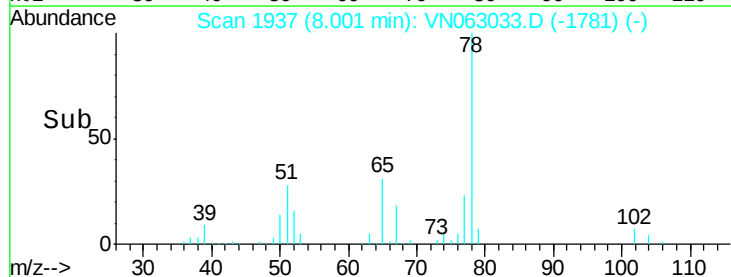
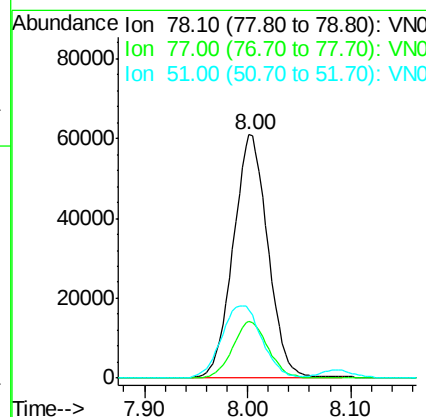
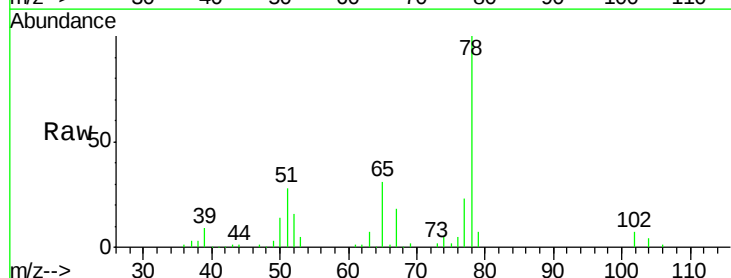
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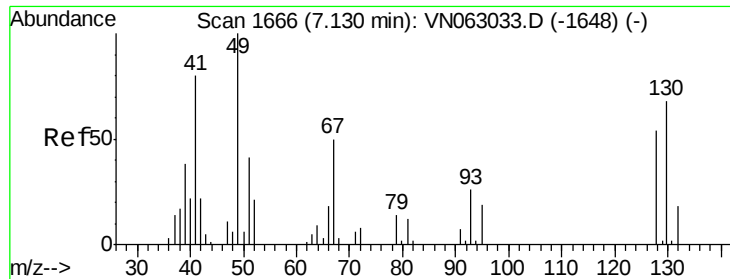
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8/21/2020 9:21:55 AM



#34
Benzene
Concen: 18.781 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8
51	27.7	22.2	33.2





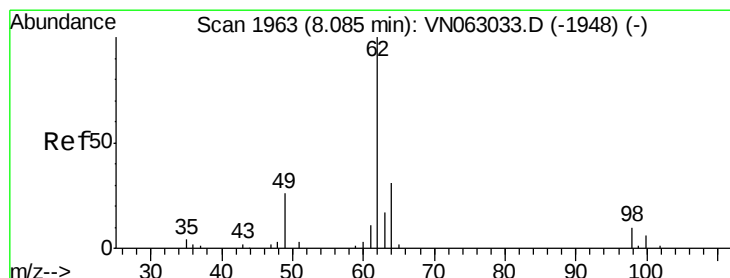
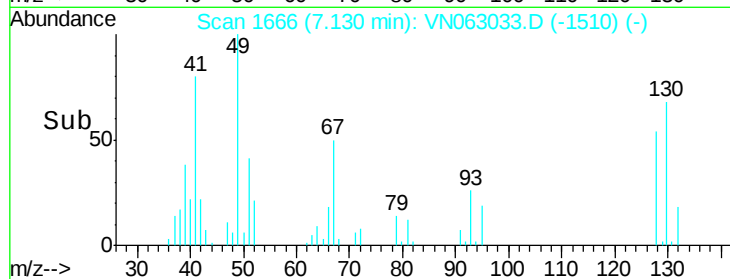
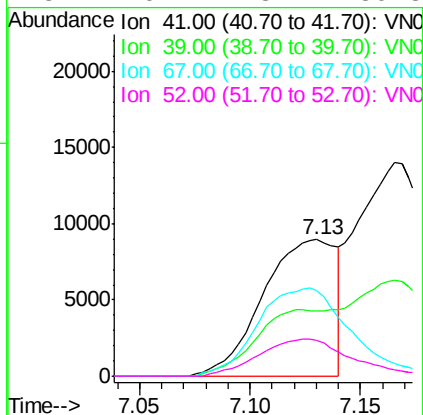
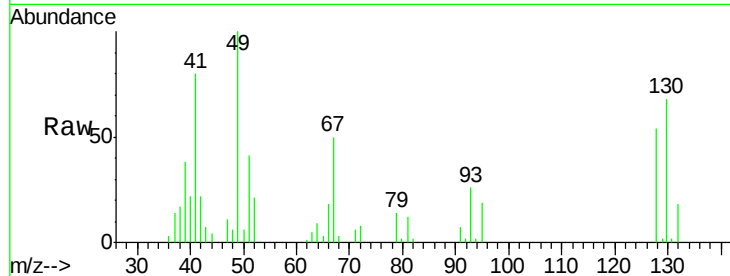
#35
Methacrylonitrile
Concen: 20.047 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	47.4	23.7	71.1	
67	63.1	31.6	94.7	
52	26.2	13.1	39.3	

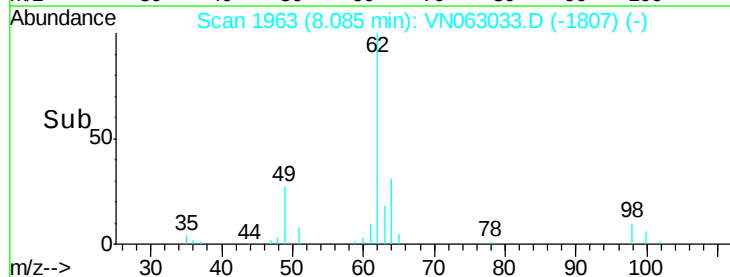
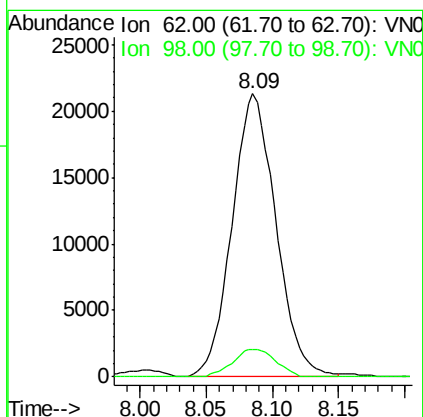
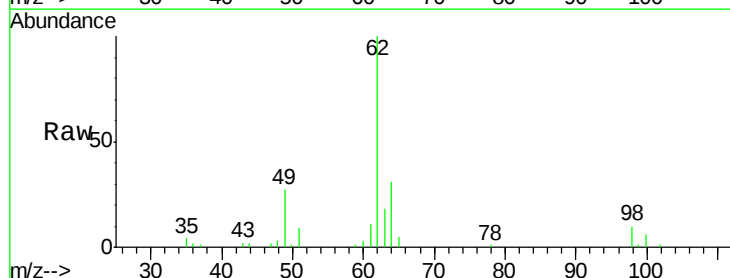
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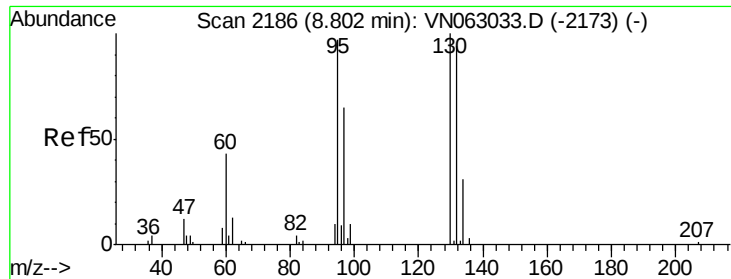
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8/21/2020 9:21:55 AM



#36
1,2-Dichloroethane
Concen: 18.883 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	7.6	11.4	





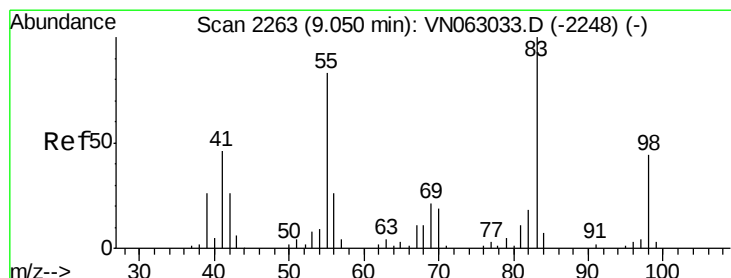
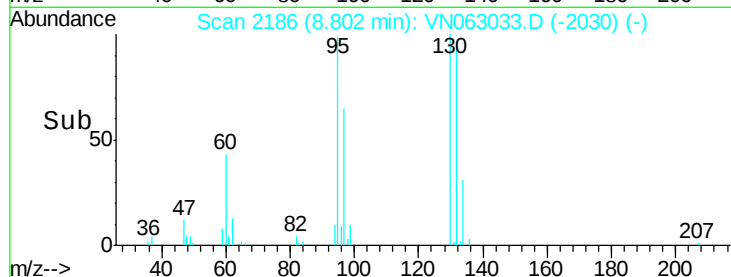
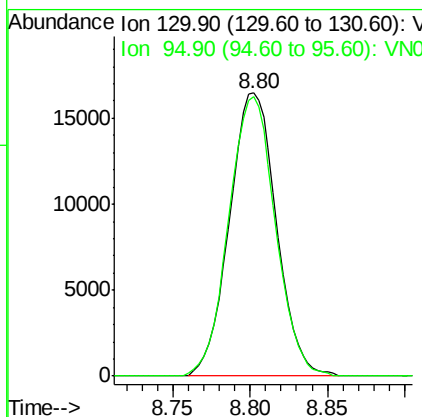
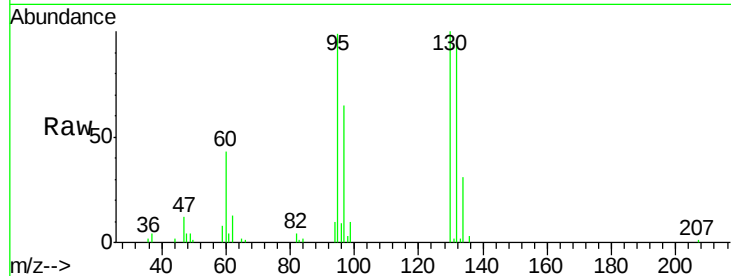
#37
 Trichloroethene
 Concen: 18.629 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 34713
 Ion Ratio Lower Upper
 130 100
 95 98.6 78.9 118.3

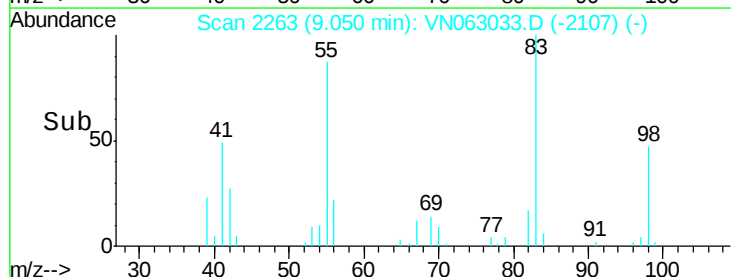
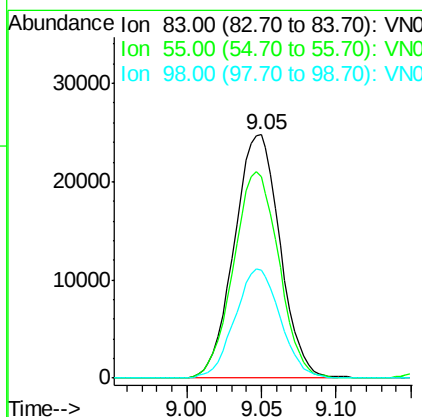
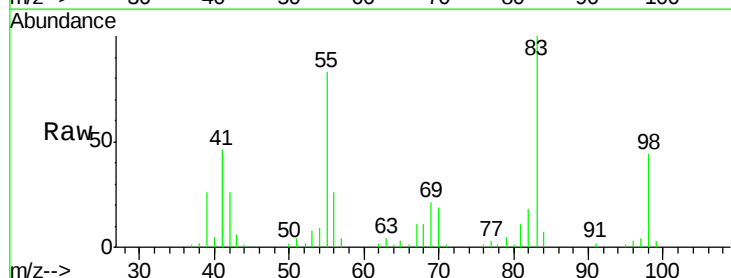
Manual Integrations
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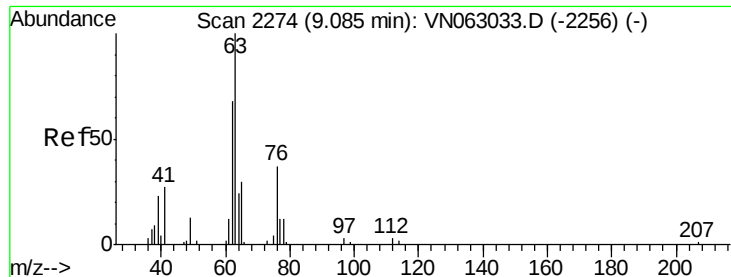
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 8/21/2020 9:21:55 AM



#38
 Methylcyclohexane
 Concen: 17.752 ug/l
 RT: 9.05 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 83 Resp: 52866
 Ion Ratio Lower Upper
 83 100
 55 83.8 41.9 125.7
 98 44.4 22.2 66.6





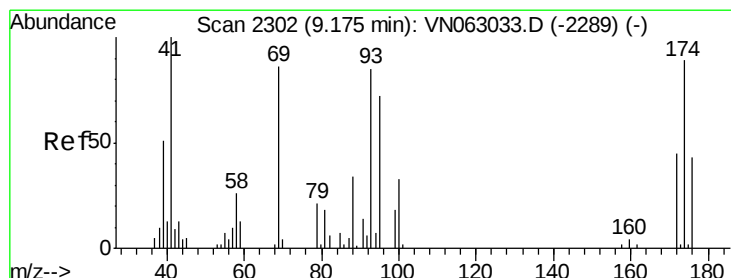
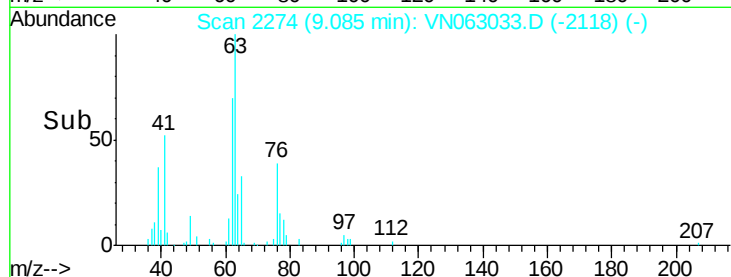
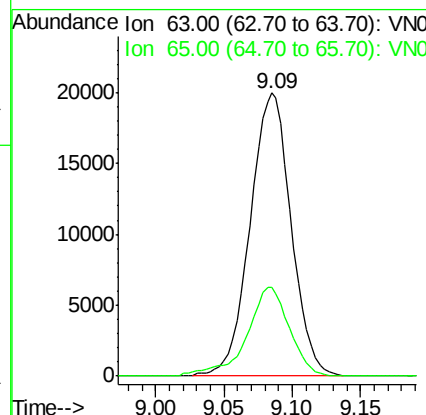
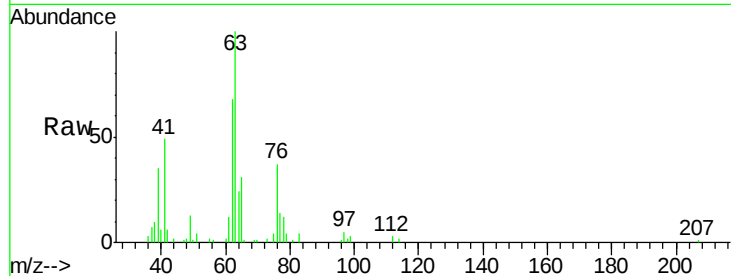
#39
 1,2-Dichloropropane
 Concen: 18.783 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.1	37.7

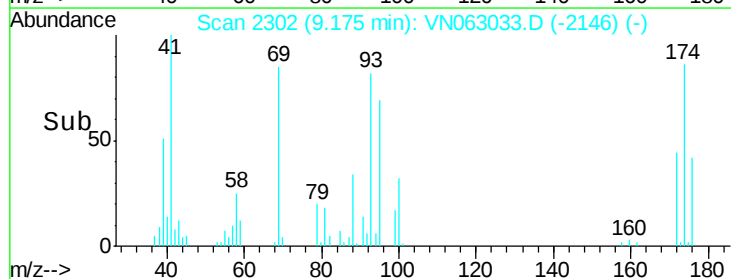
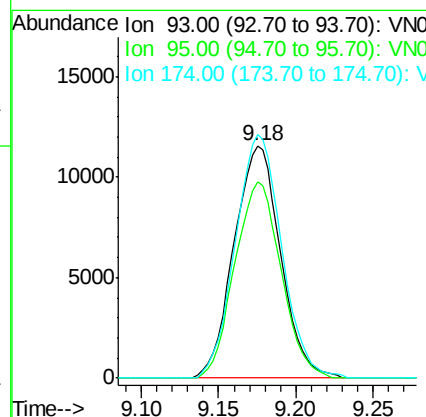
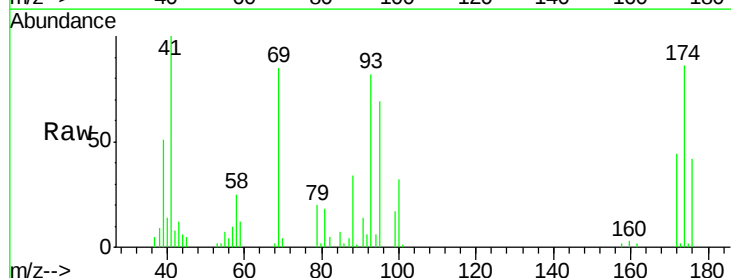
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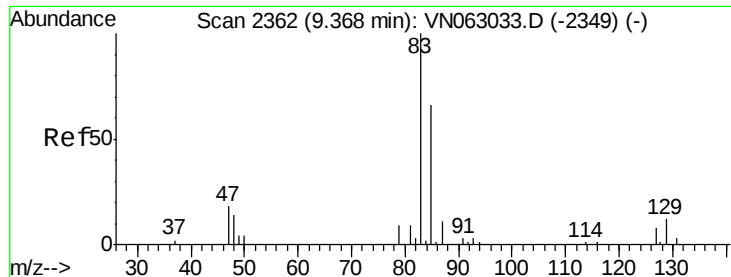
MMDadoda
 8/21/2020 9:21:55 AM



#40
 Dibromomethane
 Concen: 18.790 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	0.0	168.2
174	104.2	0.0	208.4





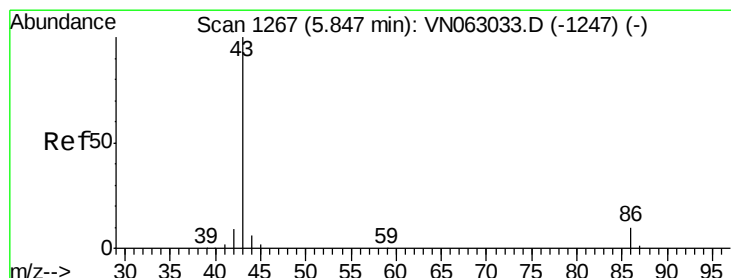
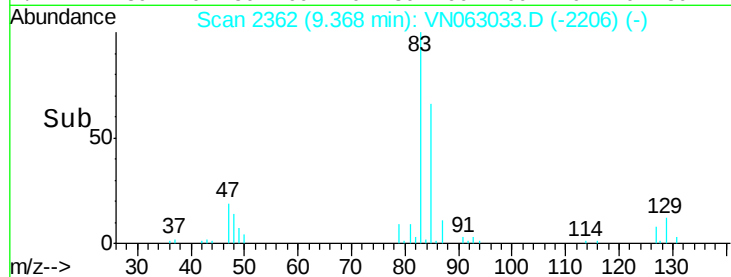
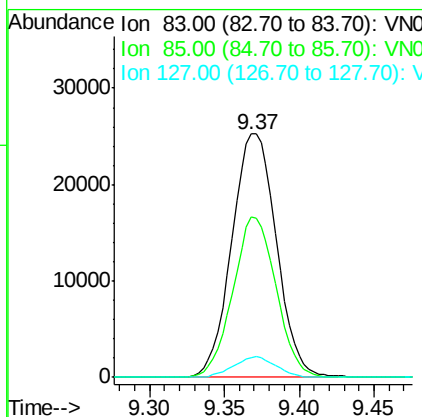
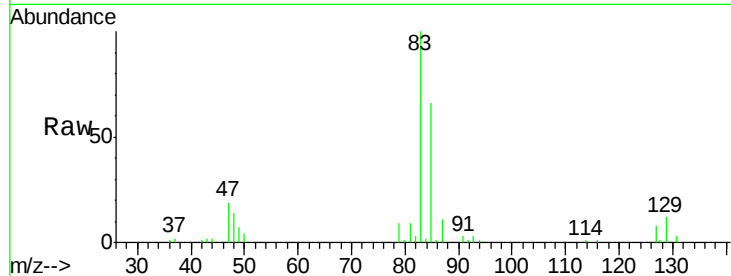
#41
 Bromodichloromethane
 Concen: 18.451 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	83	Resp	52568
Ion Ratio	100	Lower	Upper
83	100		
85	65.8	52.6	79.0
127	9.2	7.4	11.0

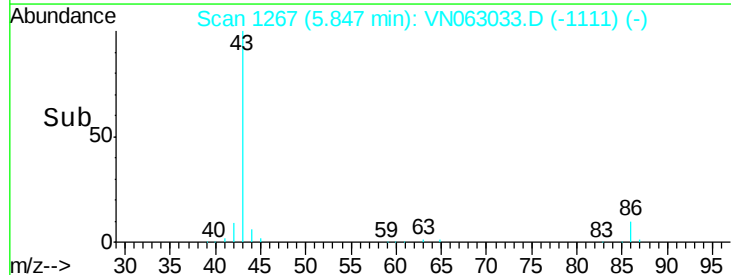
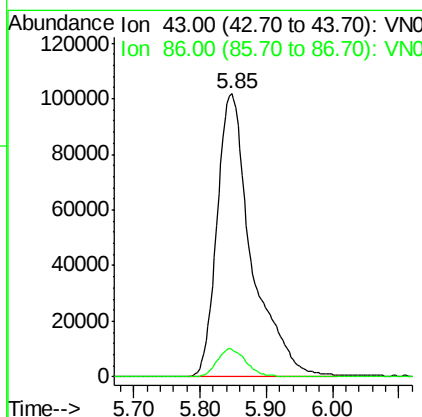
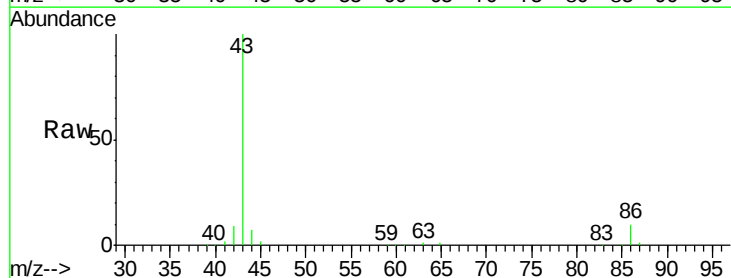
Manual Integrations
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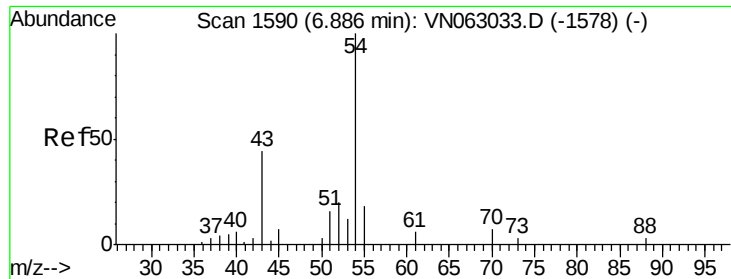
MMDadoda
 8/21/2020 9:21:55 AM



#42
 Vinyl Acetate
 Concen: 88.420 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	43	Resp	370672
Ion Ratio	100	Lower	Upper
43	100		
86	8.4	6.7	10.1





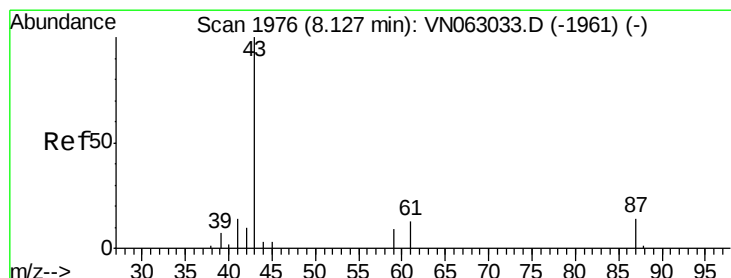
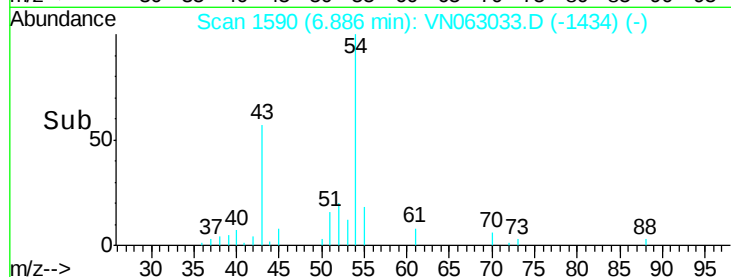
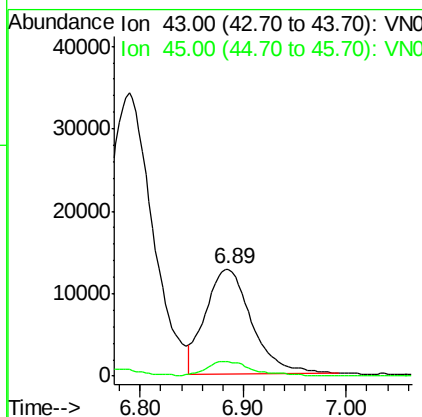
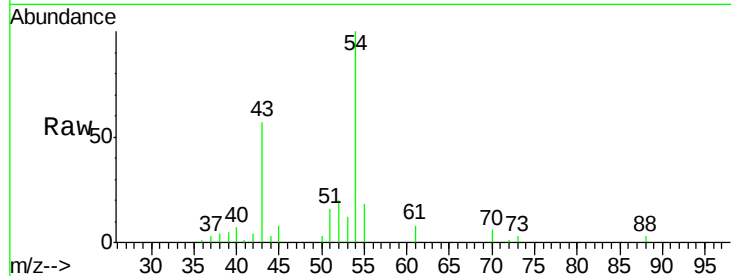
#43
Ethyl Acetate
Concen: 18.868 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	43	45	Ratio	100	14.1	Resp	39854	Lower	11.3	Upper	16.9
Ion	43	45	Ratio	100	14.1	Resp	39854	Lower	11.3	Upper	16.9

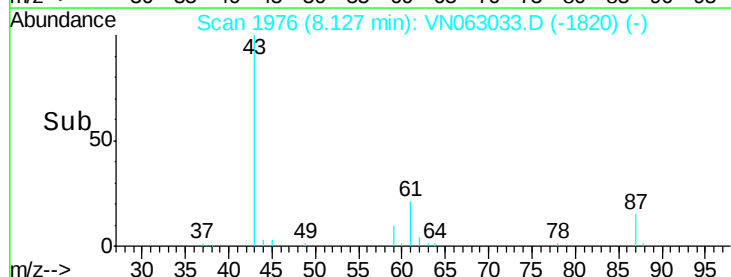
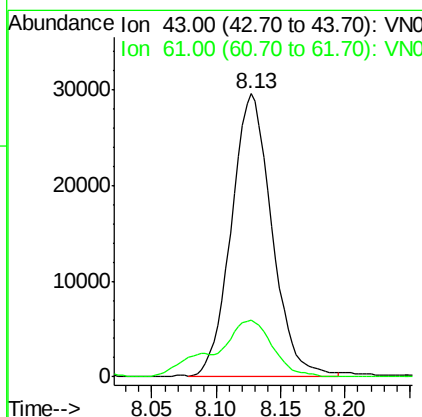
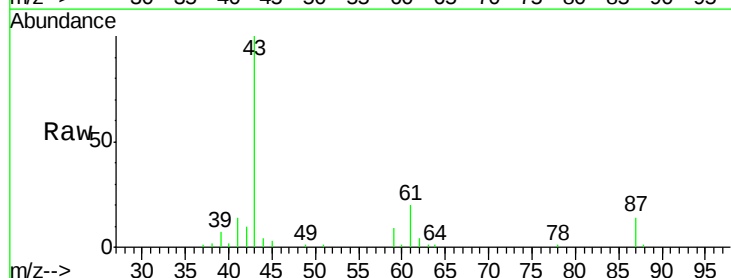
Manual Integrations
APPROVED

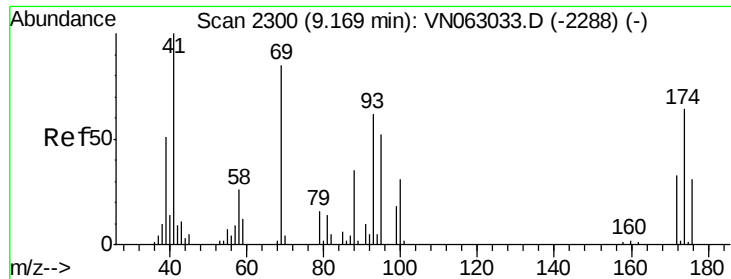
MMDadoda
8/21/2020 9:21:55 AM



#44
Isopropyl Acetate
Concen: 18.263 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	43	61	Ratio	100	21.9	Resp	64760	Lower	17.5	Upper	26.3
Ion	43	61	Ratio	100	21.9	Resp	64760	Lower	17.5	Upper	26.3





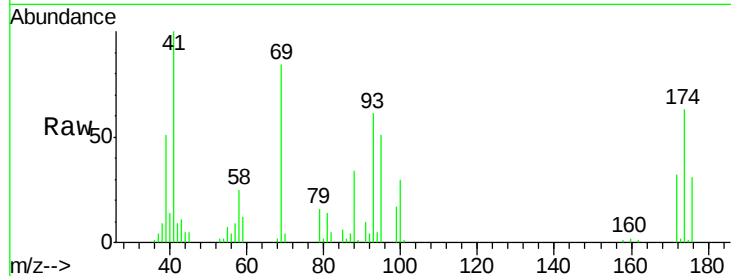
#45
 1,4-Dioxane
 Concen: 359.617 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

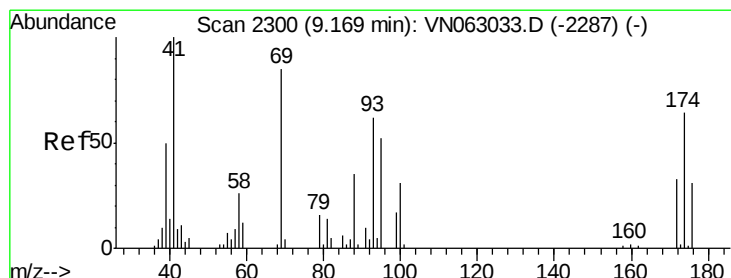
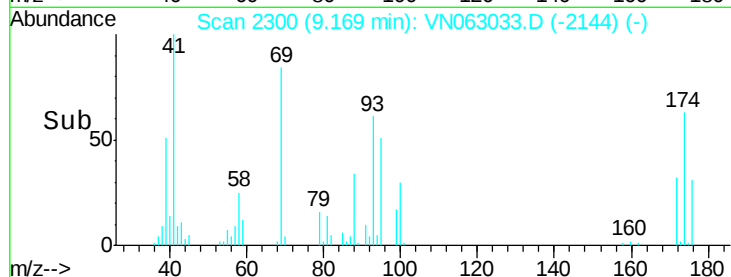
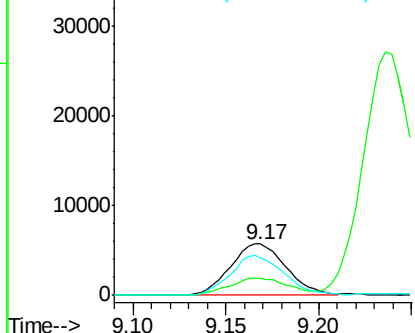
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.5	42.7
58	74.5	59.6	89.4

Manual Integrations
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MMDadoda
 8/21/2020 9:21:55 AM

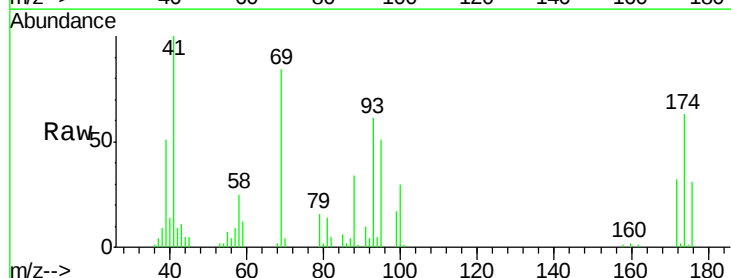


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

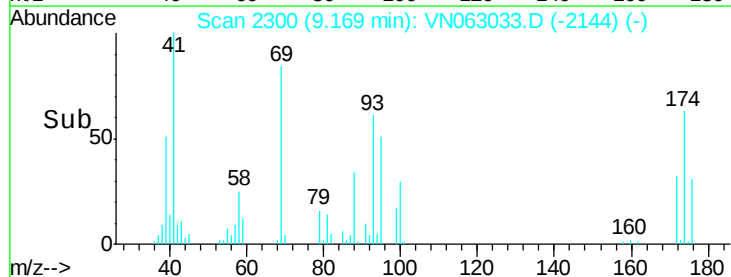
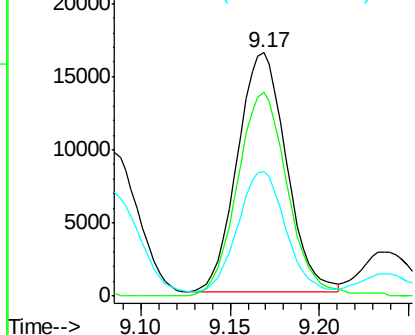


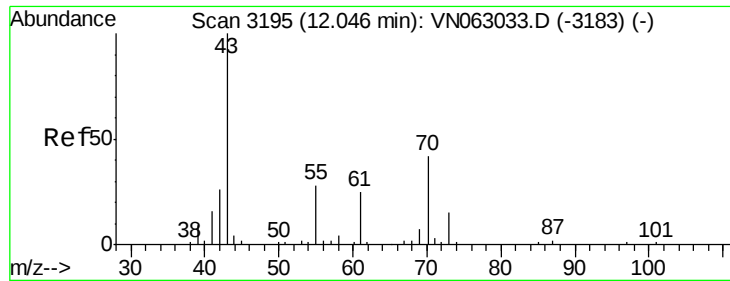
#46
 Methyl methacrylate
 Concen: 17.995 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.3	42.6	128.0
39	50.3	25.1	75.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





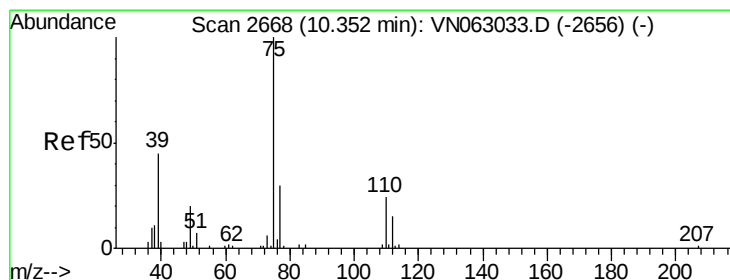
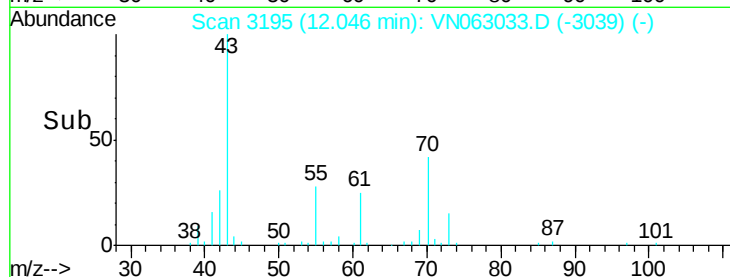
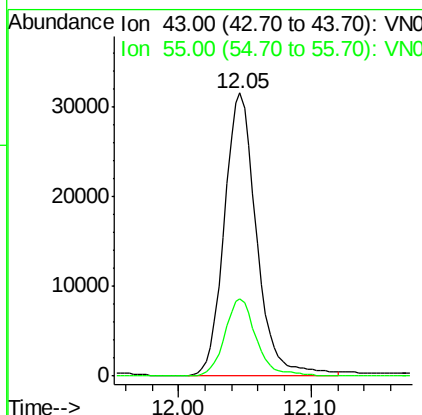
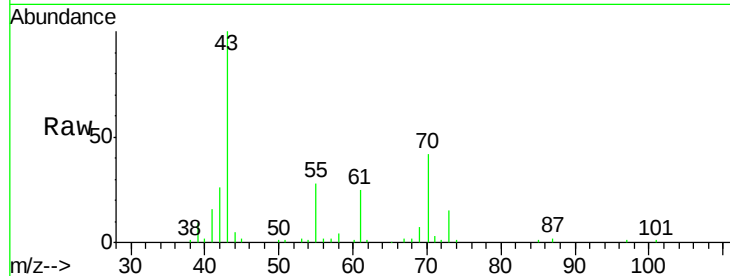
#47
n-amvl Acetate
Concen: 17.017 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	43	55	Ratio	Lower	Upper
43	100				
55	26.5		21.2	31.8	

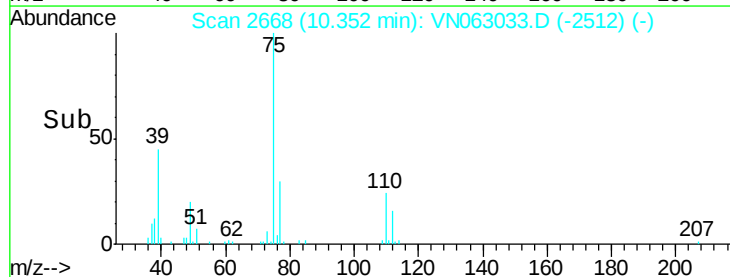
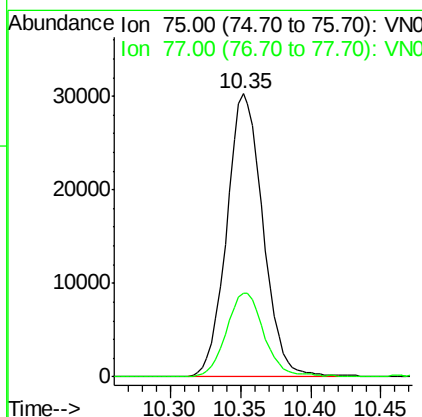
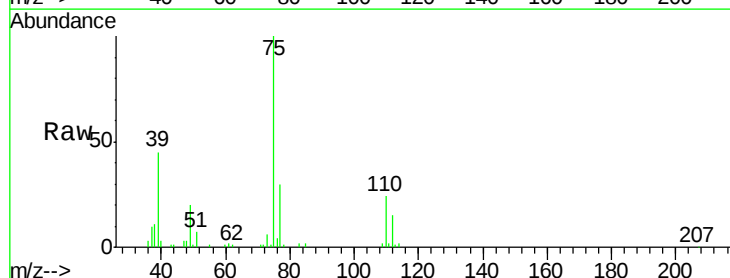
Manual Integrations
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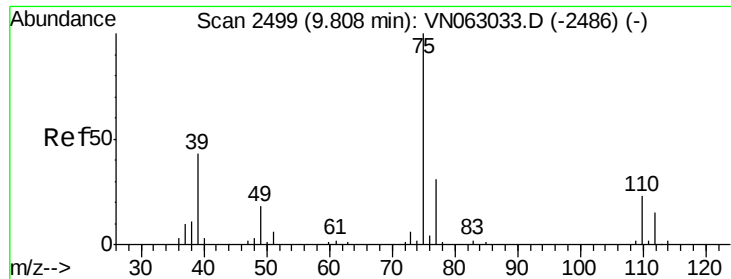
MMDadoda
8/21/2020 9:21:55 AM



#48
t-1,3-Dichloropropene
Concen: 18.082 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	75	77	Ratio	Lower	Upper
75	100				
77	29.8		23.8	35.8	





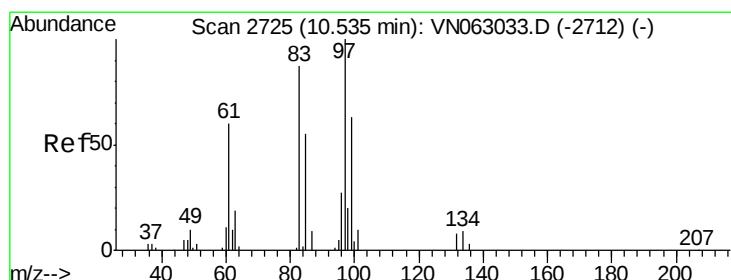
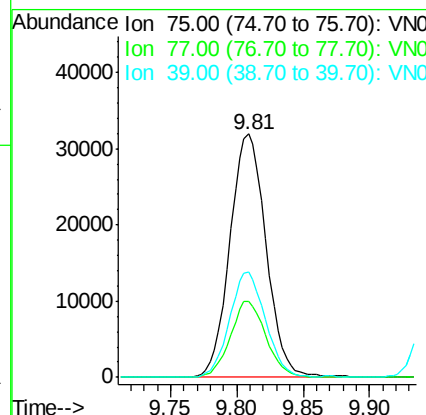
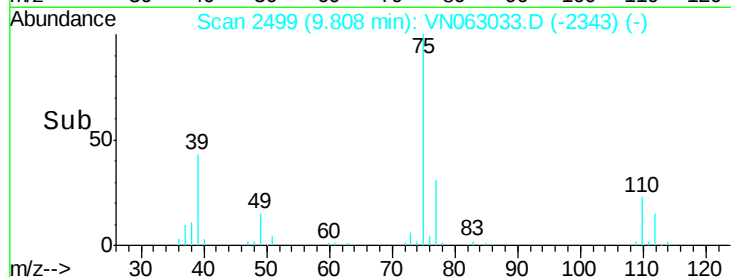
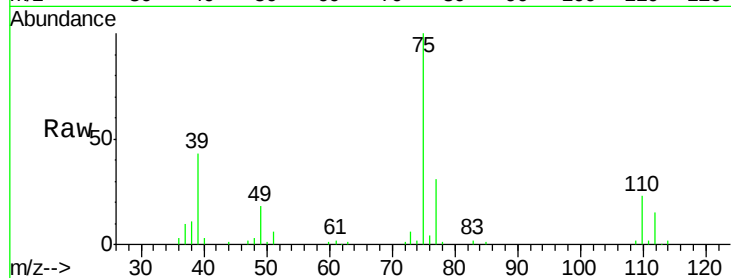
#49
 cis-1,3-Dichloropropene
 Concen: 18.501 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	43.1	34.5	51.7

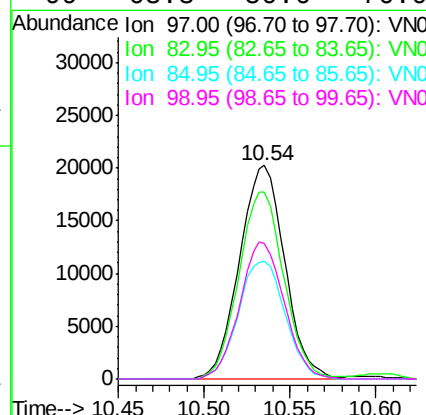
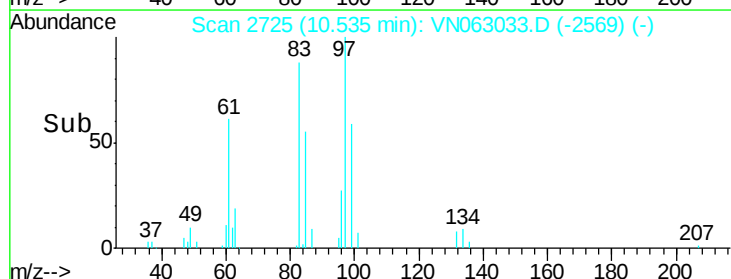
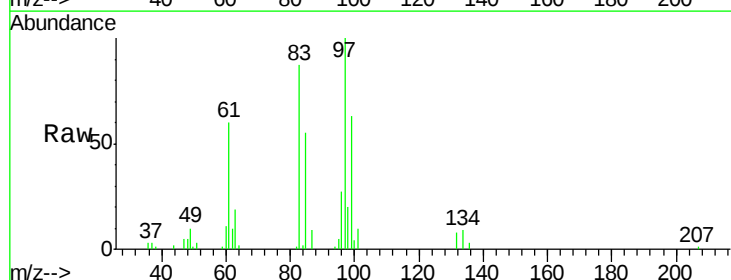
Manual Integrations
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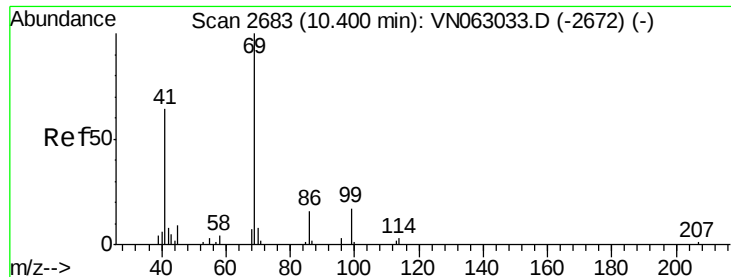
MMDadoda
 8/21/2020 9:21:55 AM



#50
 1,1,2-Trichloroethane
 Concen: 18.675 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.9	104.9
85	55.0	44.0	66.0
99	63.3	50.6	76.0





#51

Ethyl methacrylate

Concen: 17.602 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

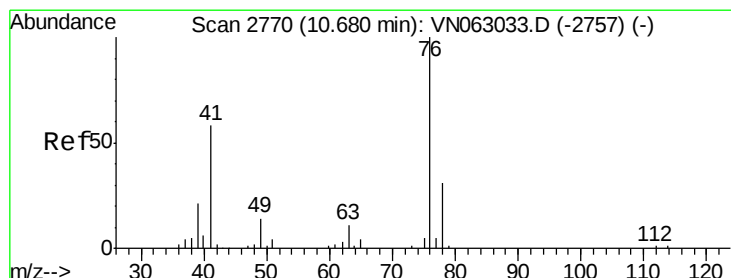
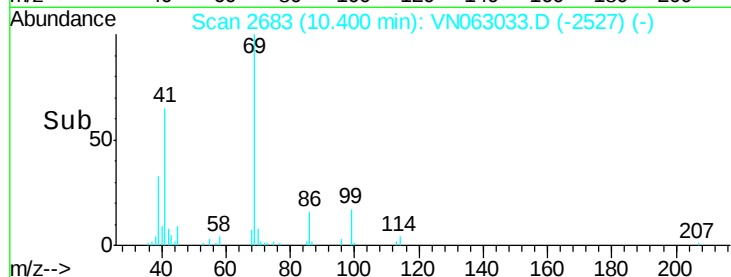
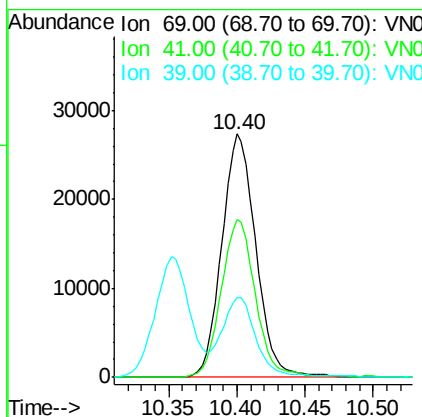
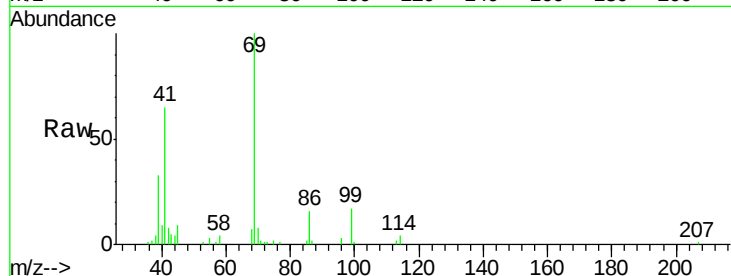
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	47474
Ion	Ratio	Lower	Upper
69	100		
41	64.3	32.1	96.5
39	32.2	16.1	48.3

Manual Integrations
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MMDadoda
8/21/2020 9:21:55 AM



#52

1,3-Dichloropropane

Concen: 18.774 ug/l

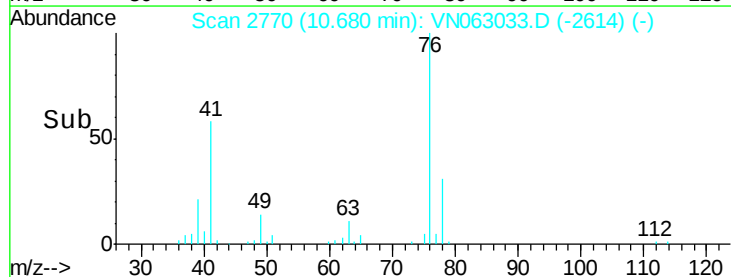
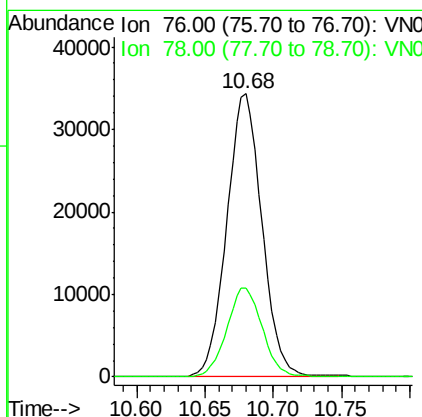
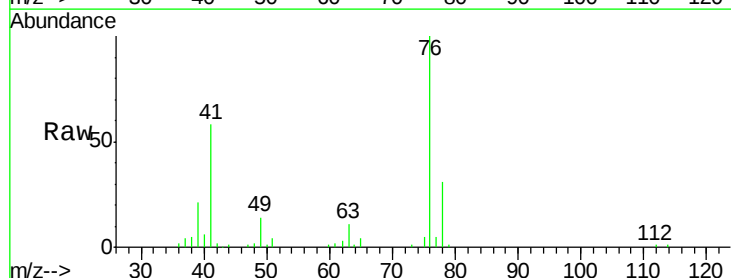
RT: 10.68 min Scan# 2770

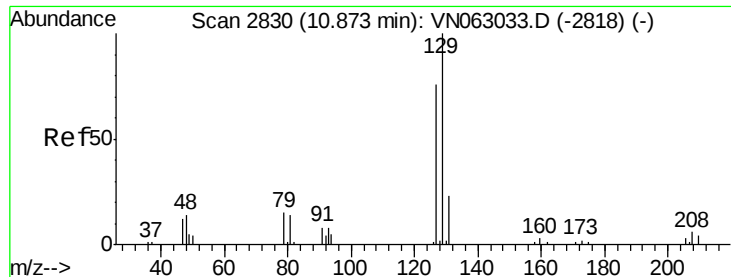
Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Tgt Ion:	76	Resp:	61485
Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	63.2





#53

Dibromochloromethane

Concen: 18.559 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion:129 Resp: 40373

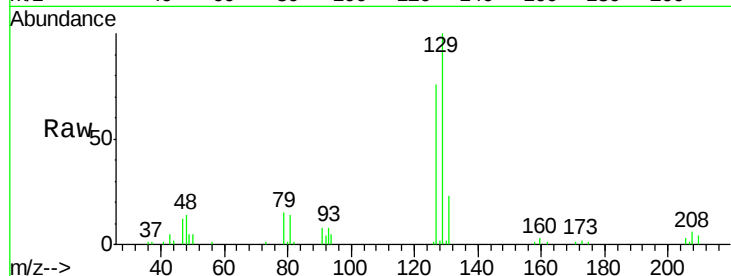
Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1

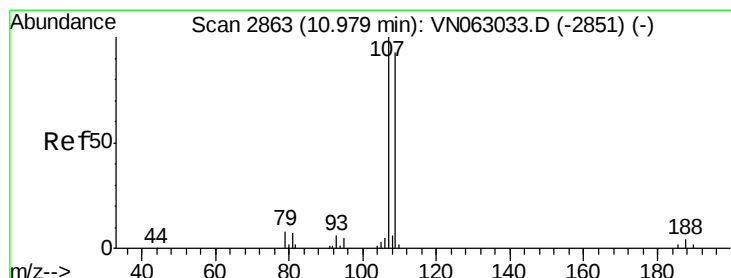
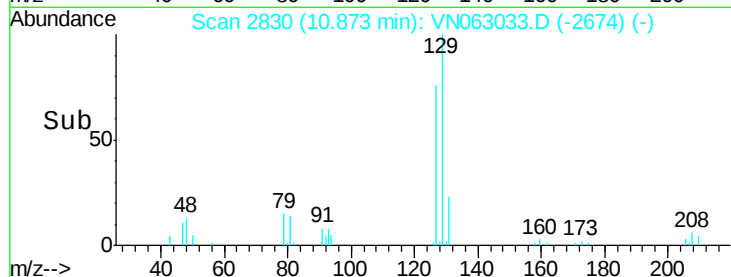
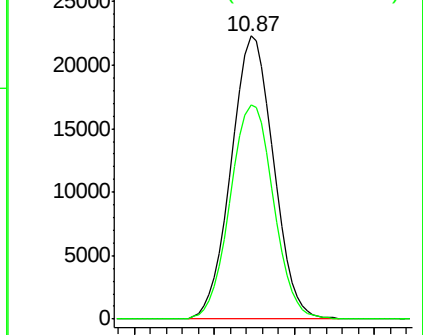
Manual Integrations
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MMDadoda
8/21/2020 9:21:55 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.716 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN063033.D

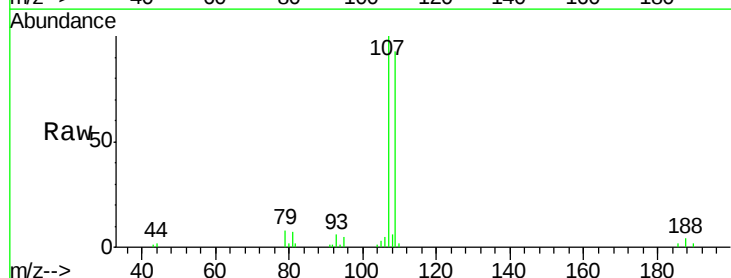
Acq: 20 Aug 2020 13:00

Tgt Ion:107 Resp: 35591

Ion Ratio Lower Upper

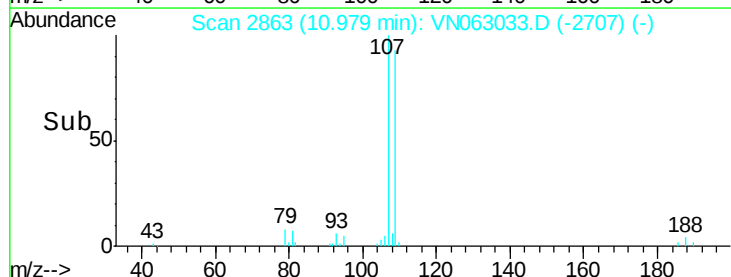
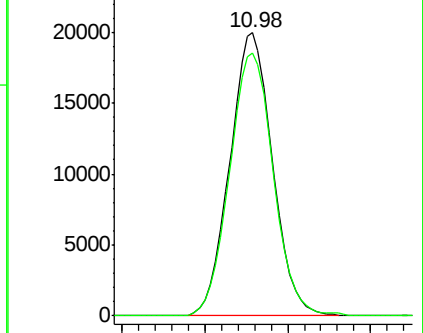
107 100

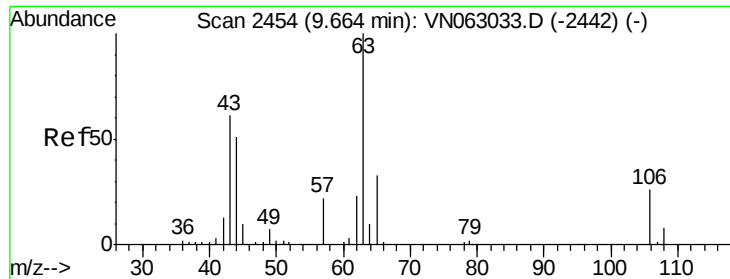
109 95.4 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





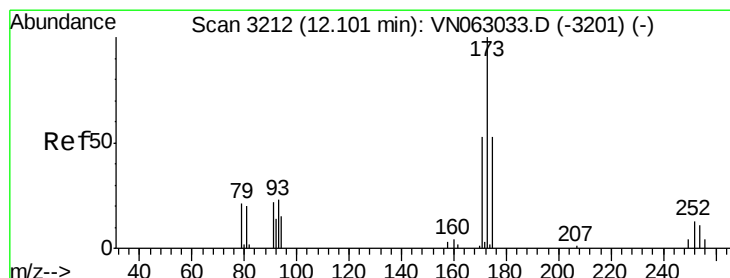
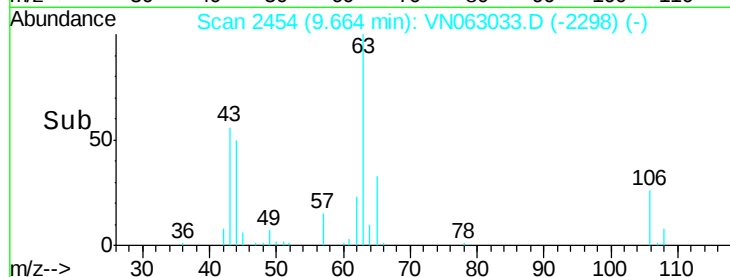
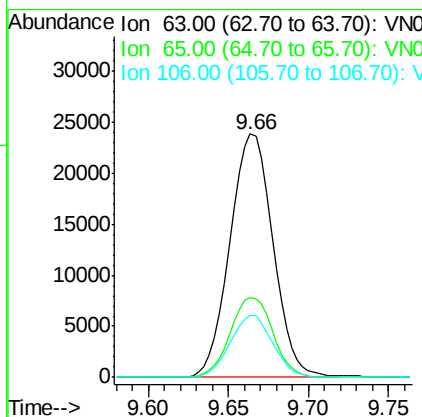
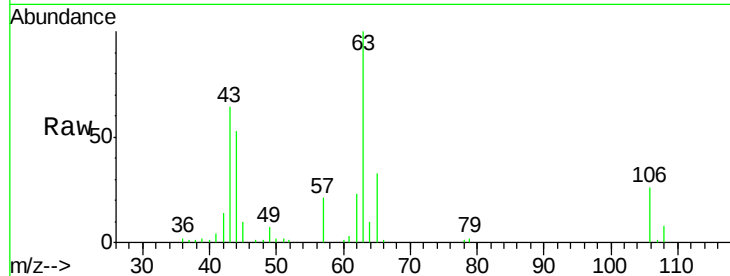
#55
2-Chloroethyl vinyl ether
Concen: 79.256 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.9	38.9
106	24.9	19.9	29.9

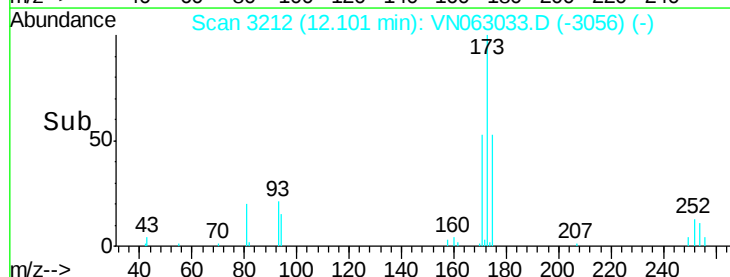
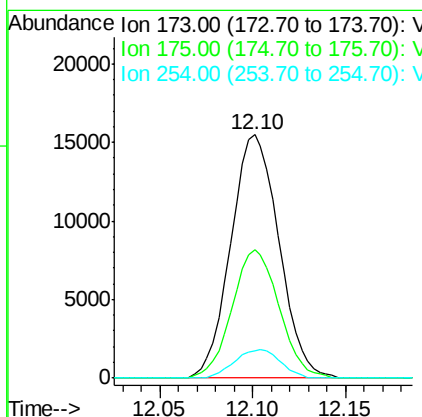
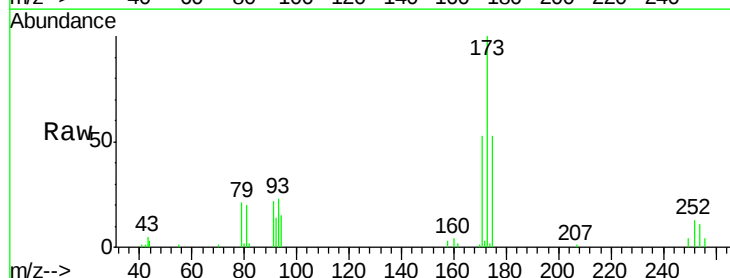
Manual Integrations
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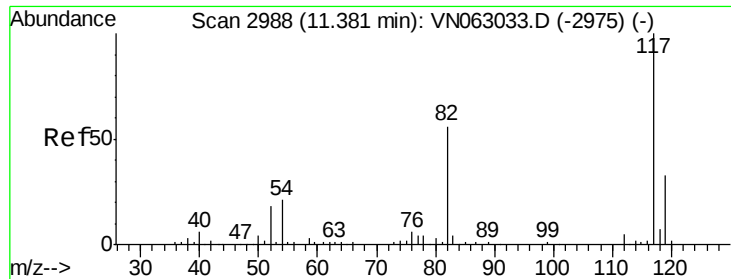
MMDadoda
8/21/2020 9:21:55 AM



#56
Bromoform
Concen: 17.590 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.5	41.2	61.8
254	11.2	9.0	13.4





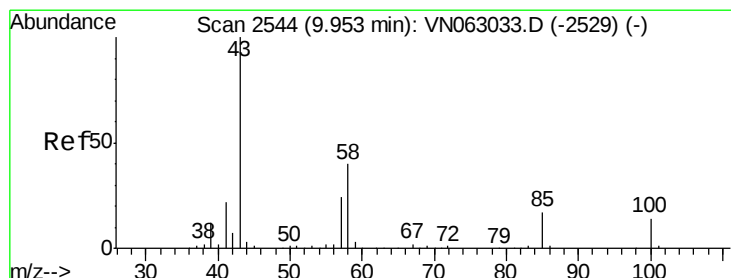
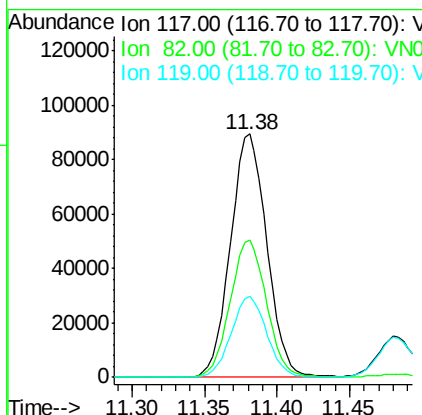
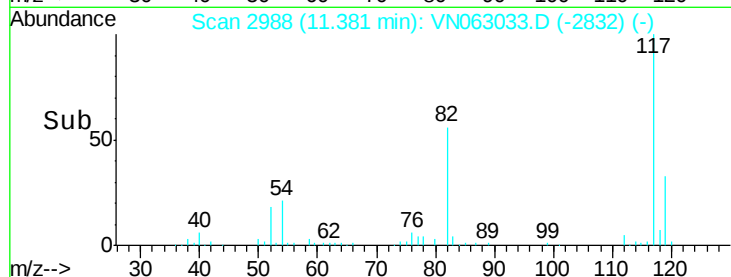
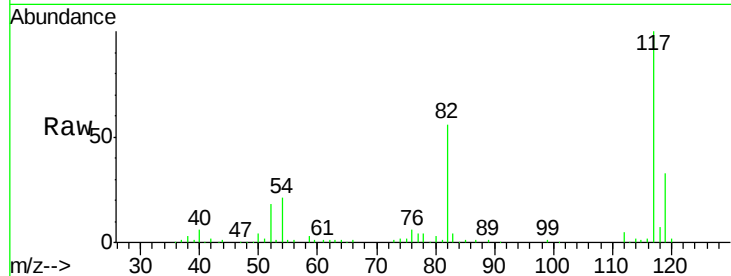
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	32.5	26.0	39.0

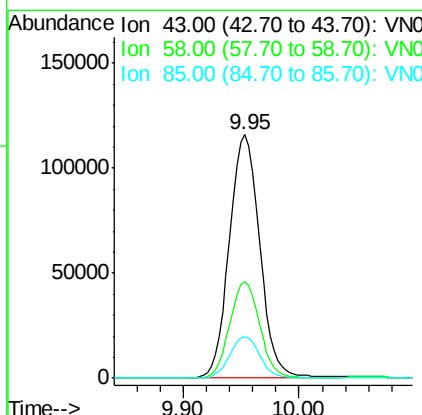
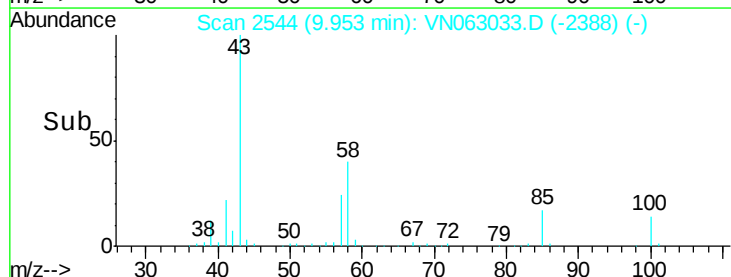
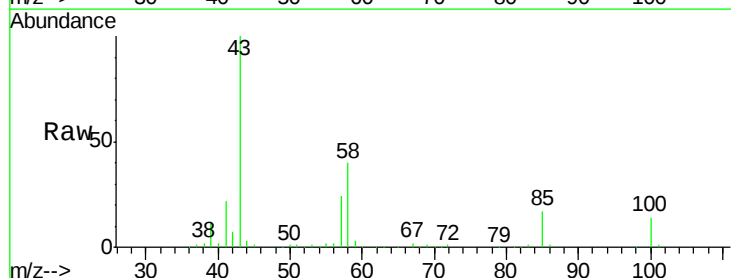
Manual Integrations
APPROVED

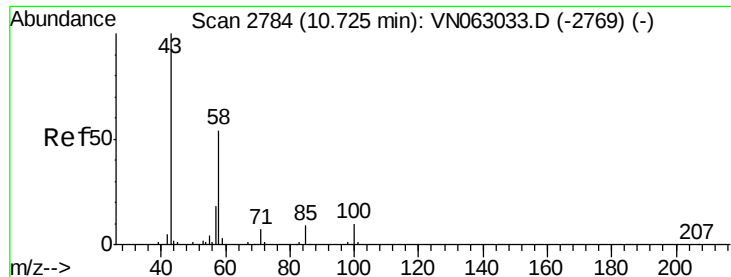
MMDadoda
8/21/2020 9:21:55 AM



#58
4-Methyl-2-Pentanone
Concen: 94.363 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.4	47.0
85	16.8	13.4	20.2





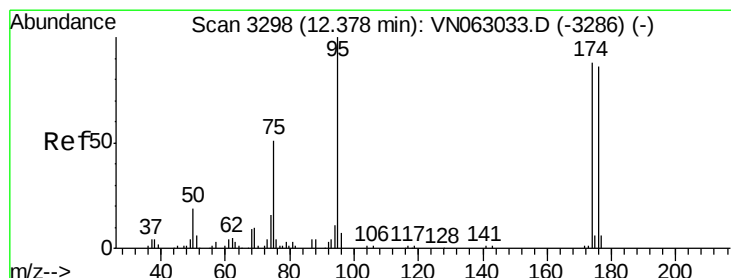
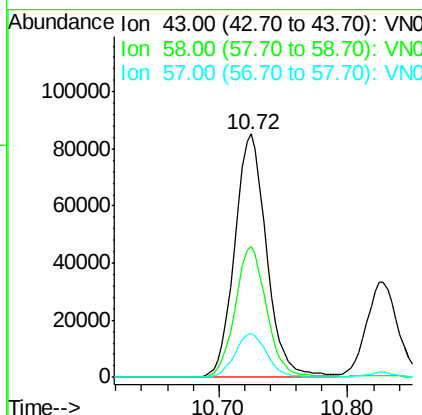
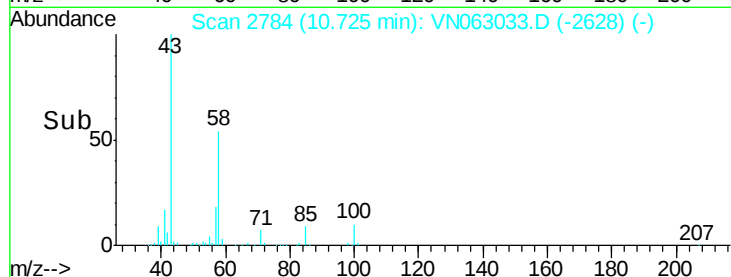
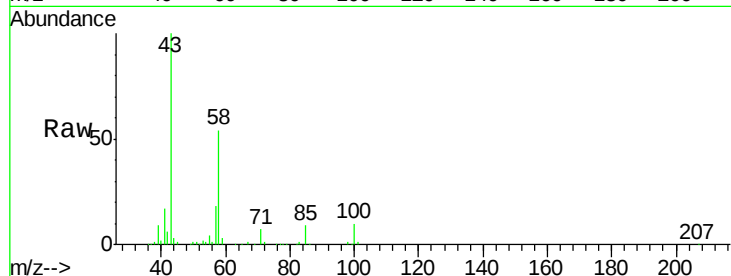
#59
2-Hexanone
Concen: 91.505 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	42.6	64.0
57	18.2	14.6	21.8

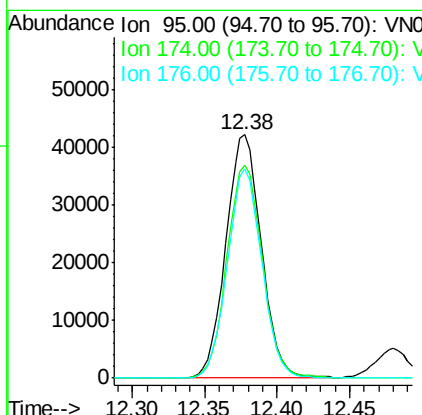
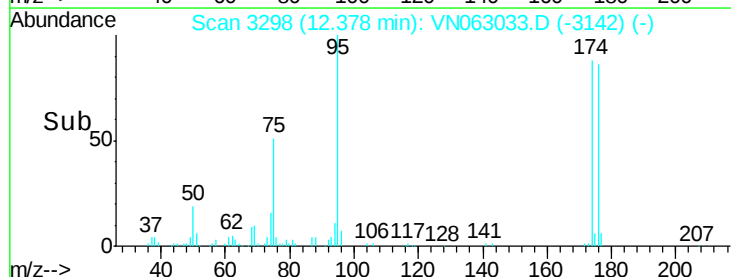
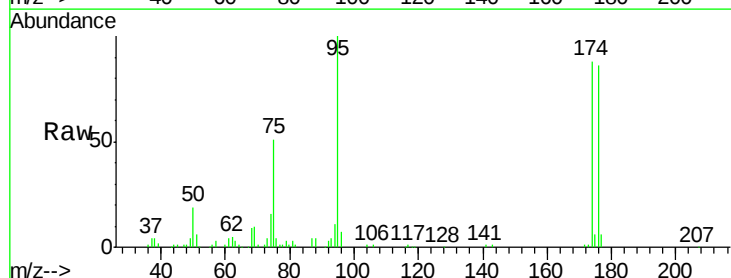
Manual Integrations
APPROVED

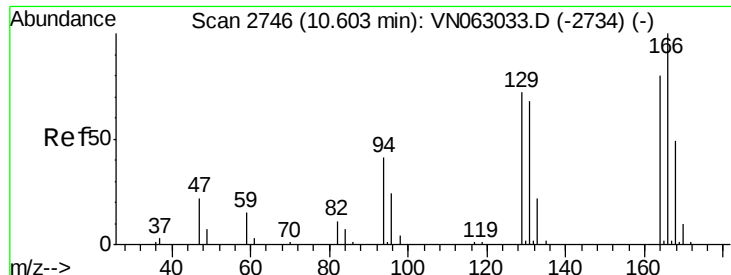
MMDadoda
8/21/2020 9:21:55 AM



#60
4-Bromofluorobenzene
Concen: 28.973 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.6	70.1	105.1
176	83.5	66.8	100.2





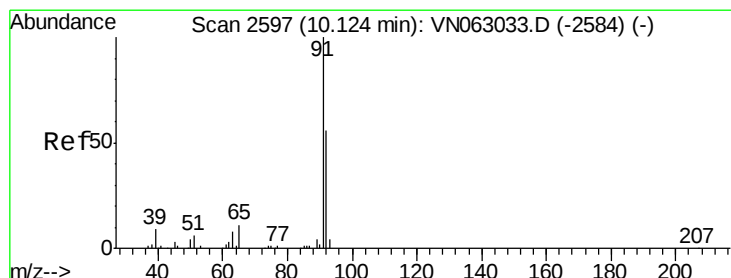
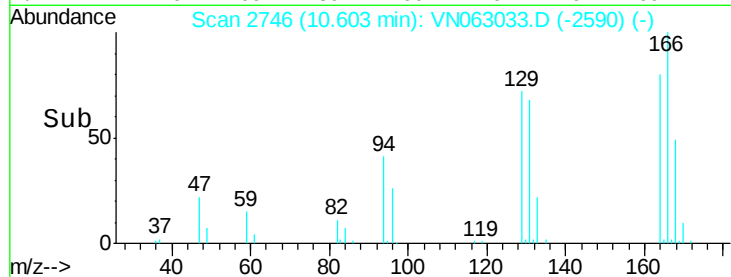
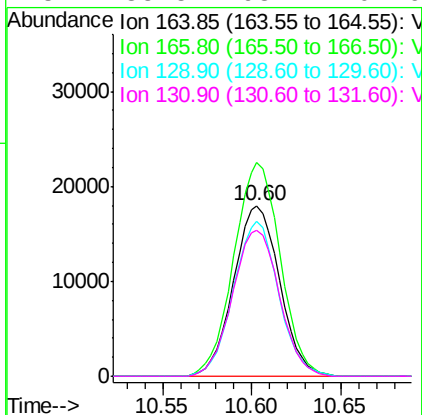
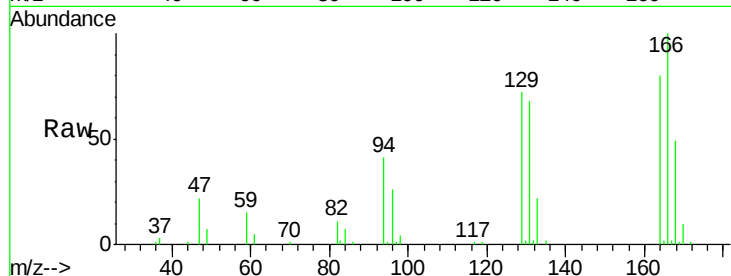
#61
Tetrachloroethene
Concen: 18.832 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.1	100.1	150.1
129	90.6	72.5	108.7
131	85.5	68.4	102.6

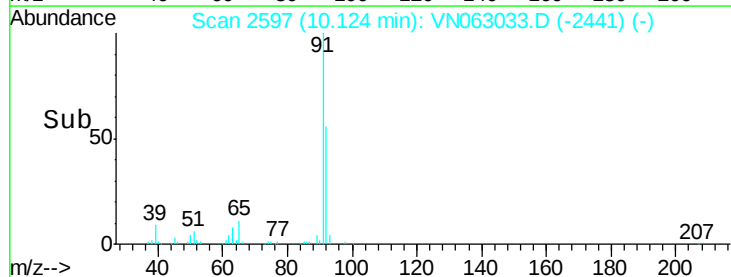
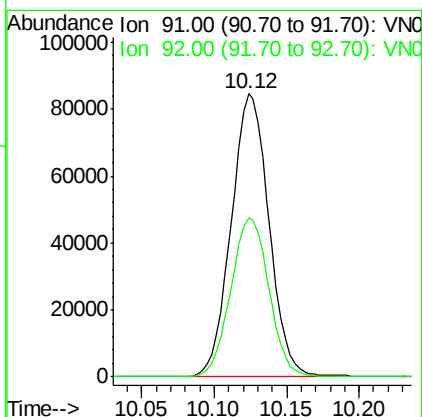
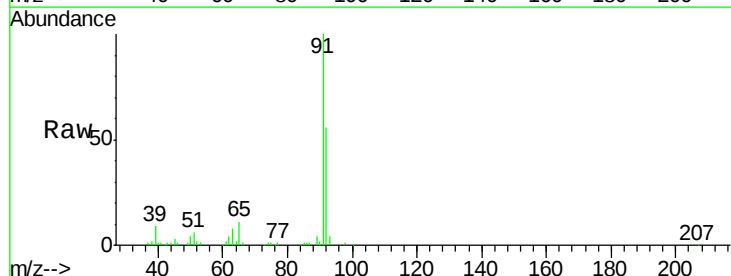
Manual Integrations
APPROVED

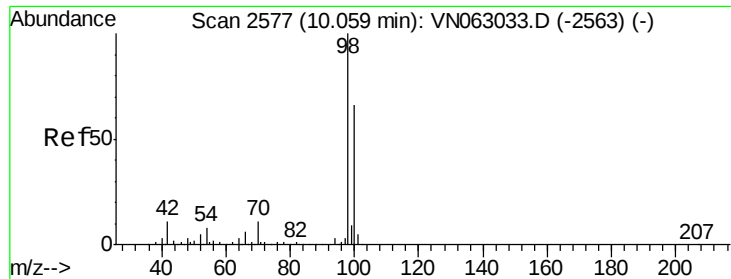
MMDadoda
8/21/2020 9:21:55 AM



#62
Toluene
Concen: 18.476 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.9	45.5	68.3





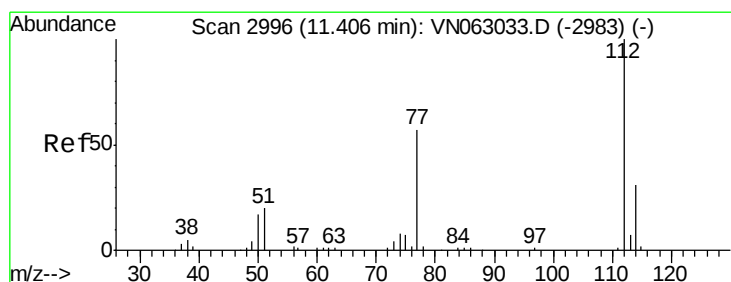
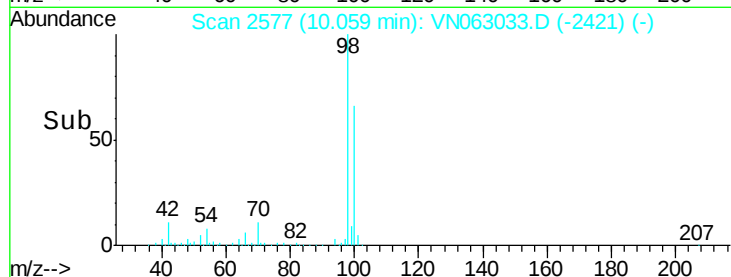
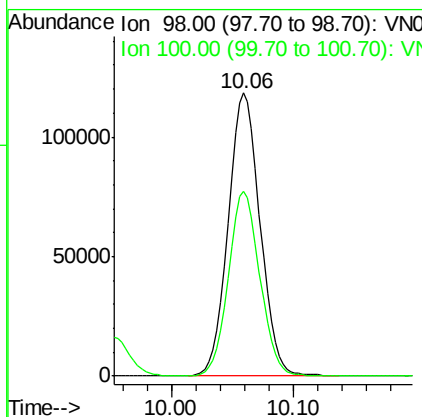
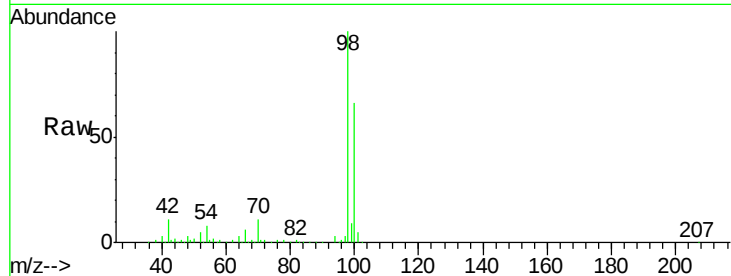
#63
Toluene-d8
Concen: 30.122 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion: 98 Resp: 216029
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2

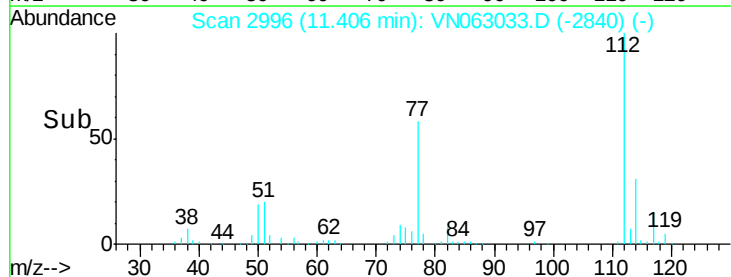
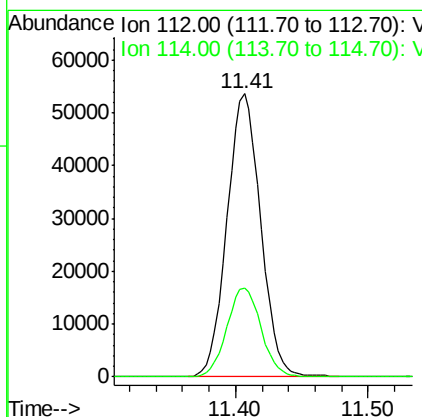
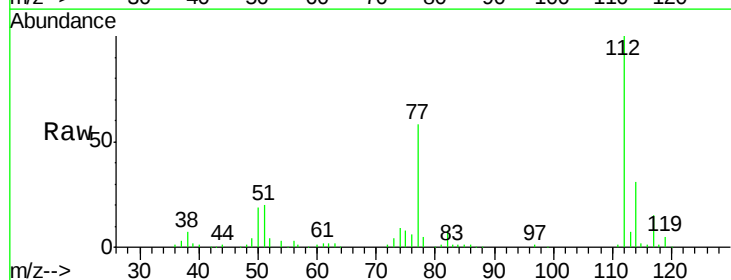
Manual Integrations
APPROVED

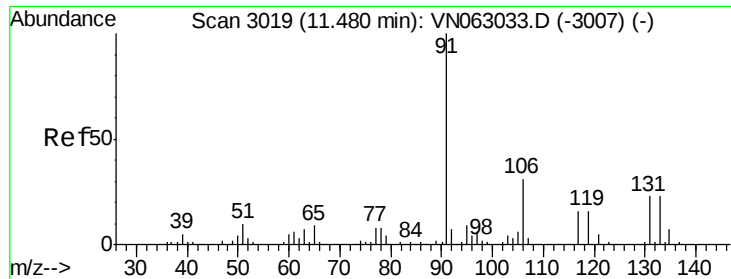
MMDadoda
8/21/2020 9:21:55 AM



#64
Chlorobenzene
Concen: 18.483 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 112 Resp: 94722
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 18.415 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

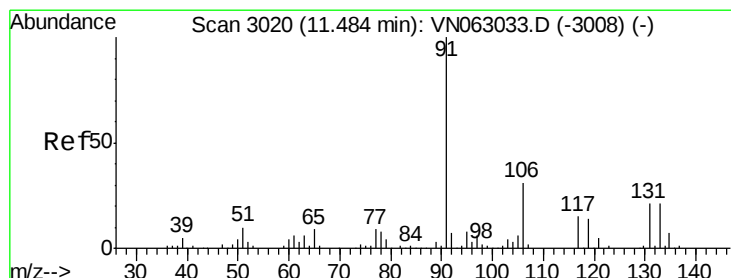
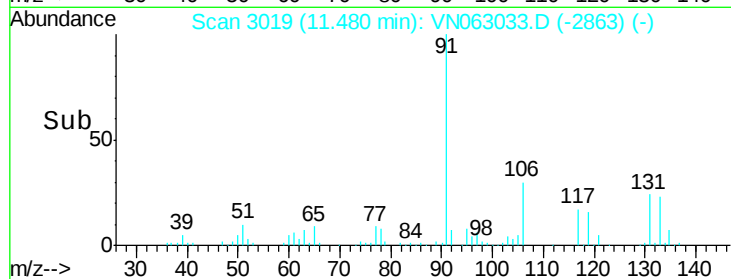
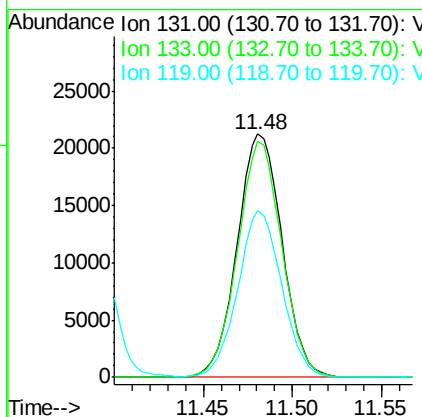
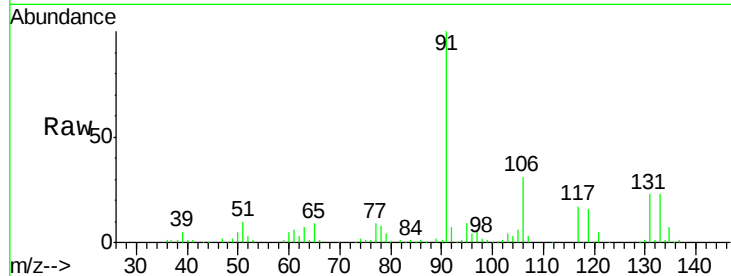
ClientSampled :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.6	0.0	191.2
119	67.1	0.0	134.2

Manual Integrations
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MMDadoda
8/21/2020 9:21:55 AM



#66

Ethyl Benzene

Concen: 17.739 ug/l

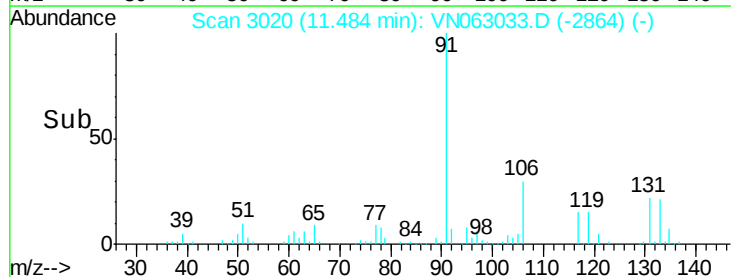
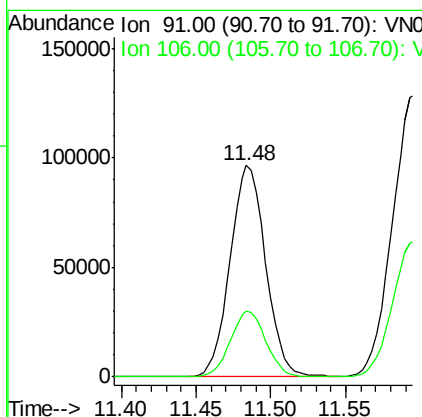
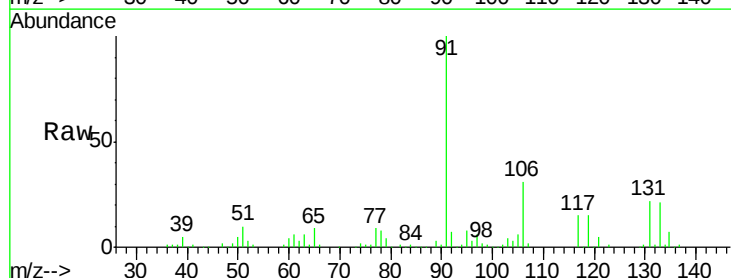
RT: 11.48 min Scan# 3020

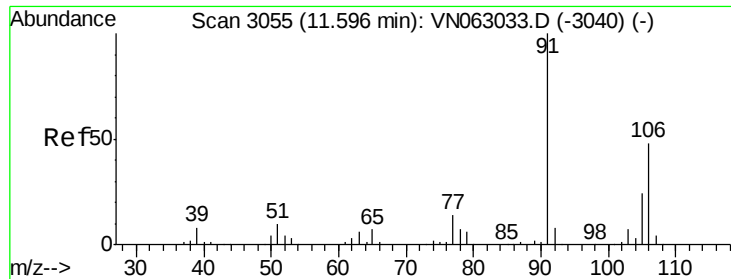
Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.4





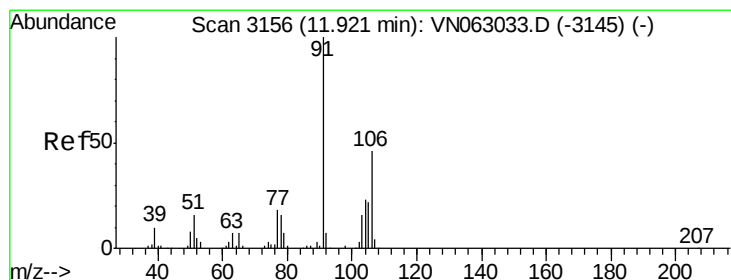
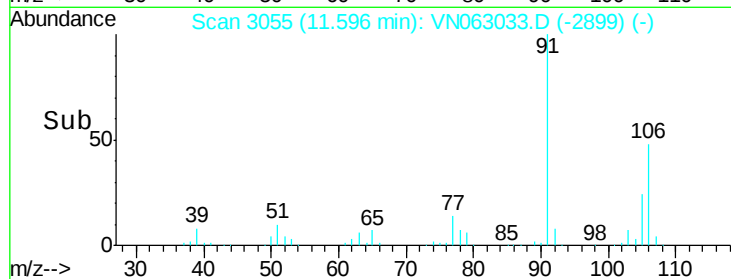
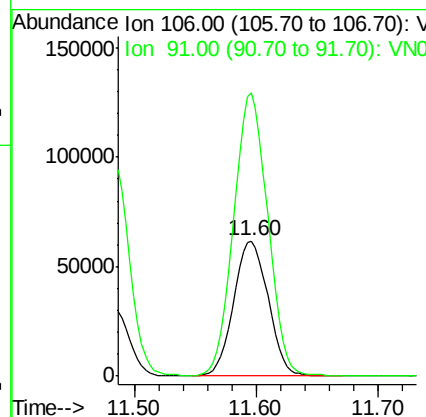
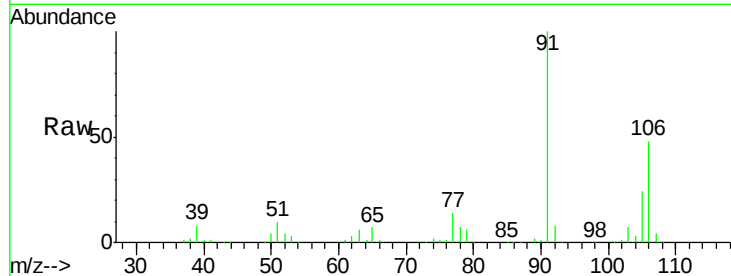
#67
m/p-Xvlenes
Concen: 35.945 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion:106 Resp: 121572
Ion Ratio Lower Upper
106 100
91 206.1 164.9 247.3

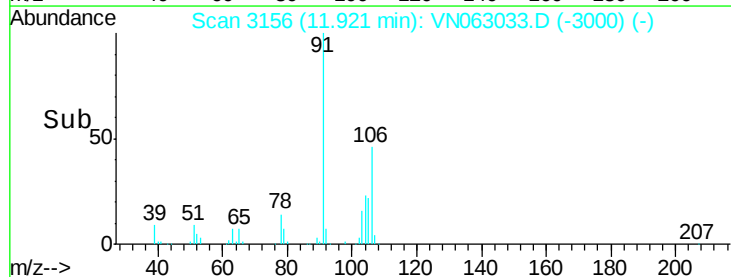
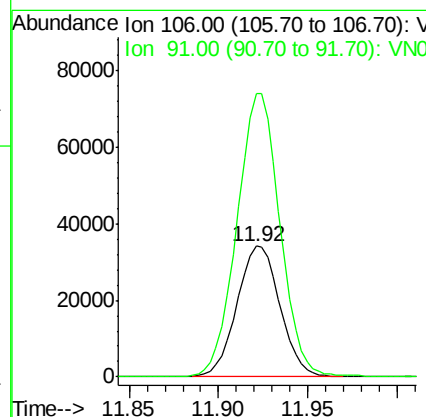
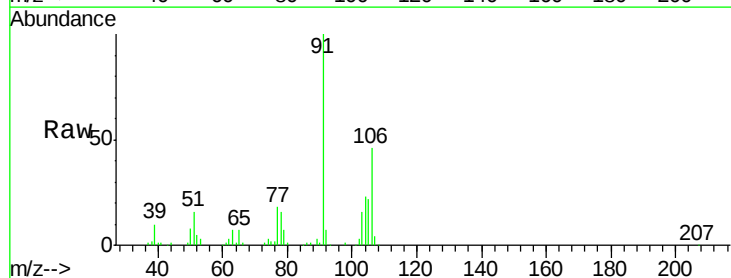
Manual Integrations
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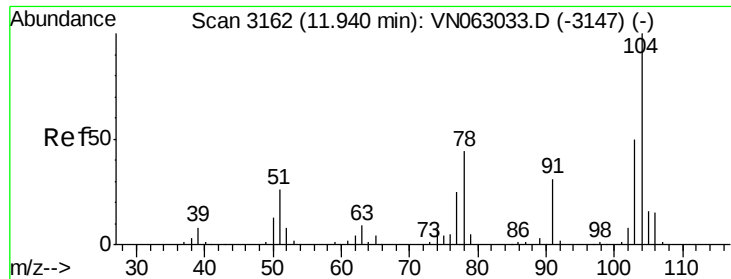
MMDadoda
8/21/2020 9:21:55 AM



#68
o-Xylene
Concen: 17.775 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion:106 Resp: 57749
Ion Ratio Lower Upper
106 100
91 216.0 108.0 324.0





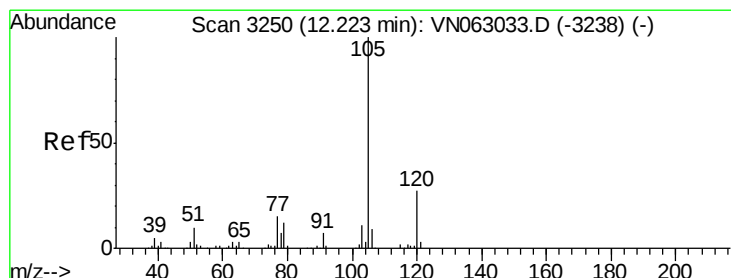
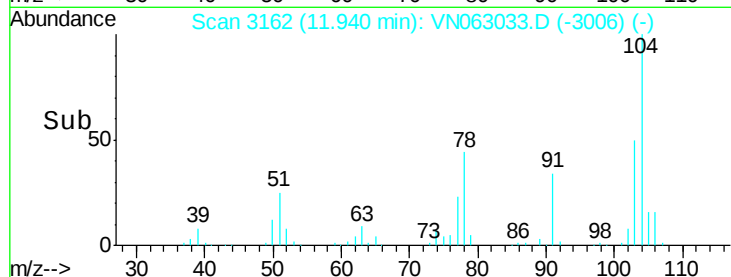
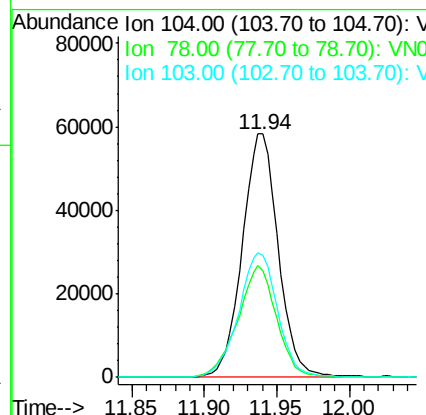
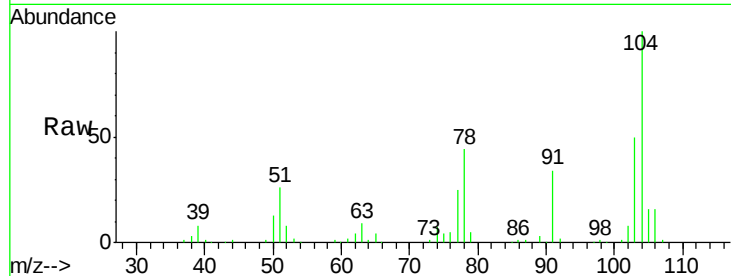
#69
Stvrene
Concen: 17.718 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	39.6	59.4
103	55.5	44.4	66.6

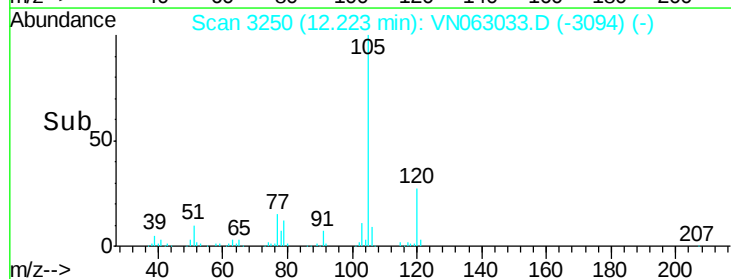
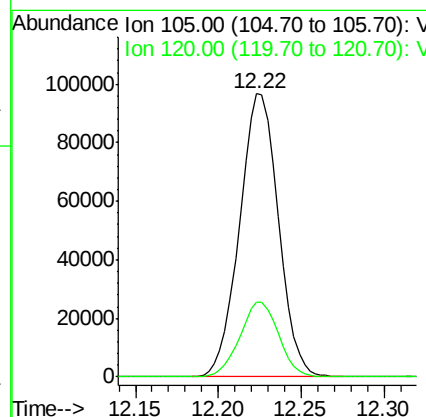
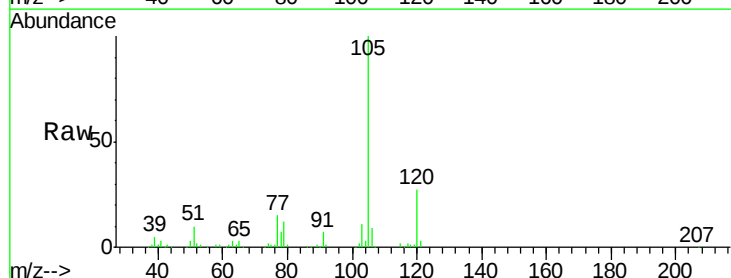
Manual Integrations
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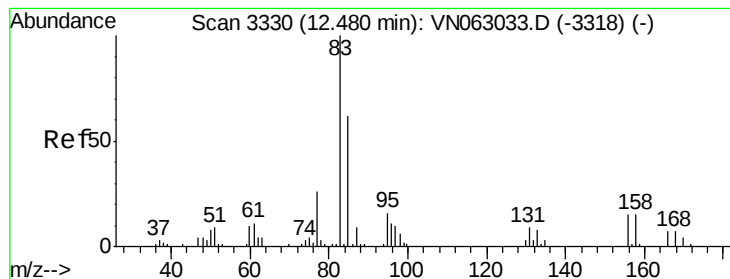
MMDadoda
8/21/2020 9:21:55 AM



#70
Isopropylbenzene
Concen: 17.871 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.5	34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 18.812 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

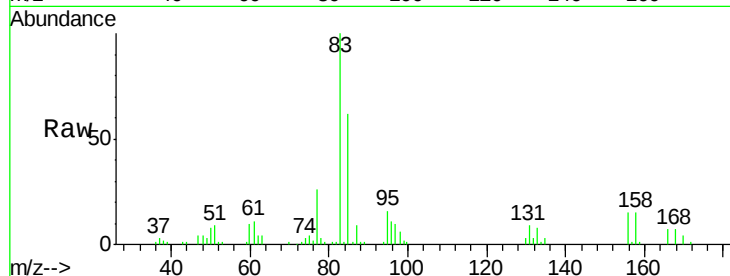
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	53317
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.7
85	63.5	31.8	95.3

Manual Integrations
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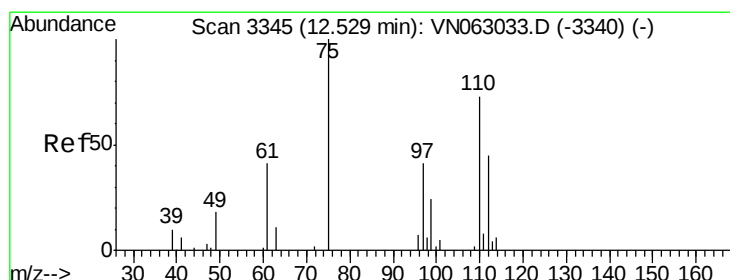
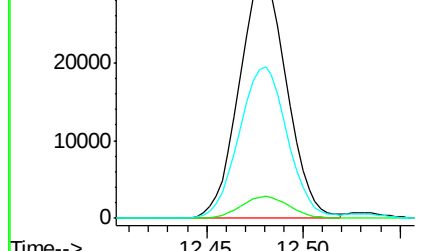
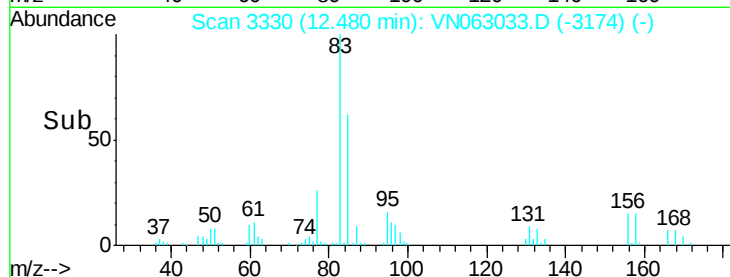


Abundance Ion 83.00 (82.70 to 83.70): VN063033.D (-3318) (-)

Ion 131.00 (130.70 to 131.70): VN063033.D (-3318) (-)

Ion 85.00 (84.70 to 85.70): VN063033.D (-3318) (-)

Time-->



#72

1,2,3-Trichloropropane

Concen: 19.315 ug/l m

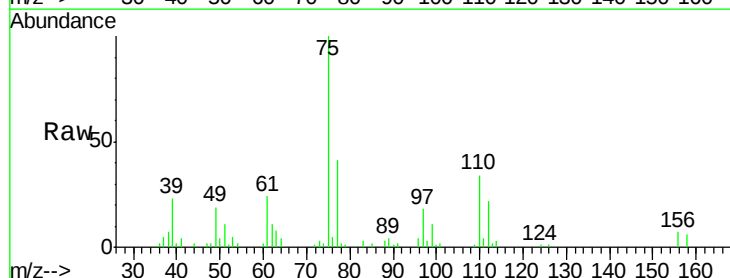
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

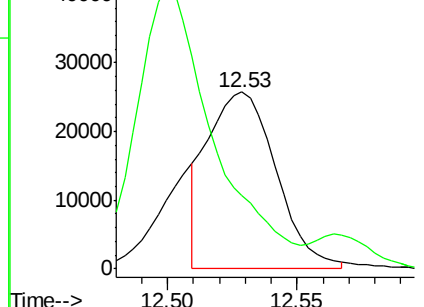
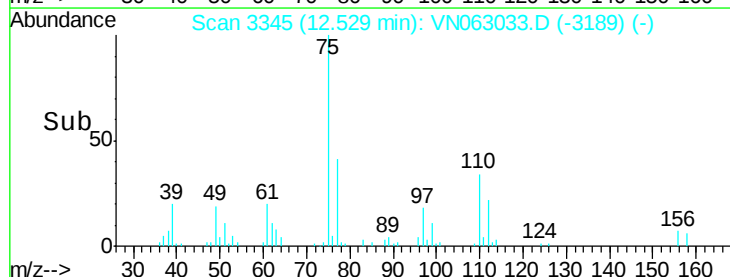
Tgt Ion:	75	Resp:	47313
Ion Ratio	Lower	Upper	
75	100		
77	179.7	0.0	387.8

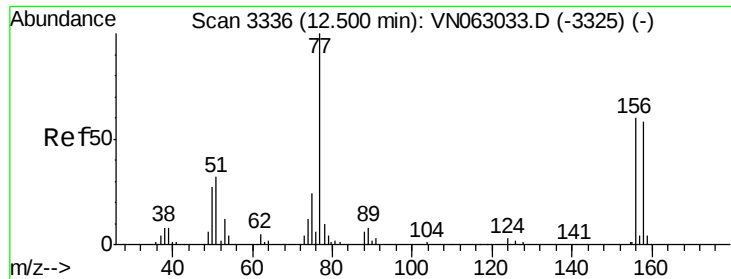


Abundance Ion 75.00 (74.70 to 75.70): VN063033.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN063033.D (-3340) (-)

Time-->





#73

Bromobenzene

Concen: 17.900 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

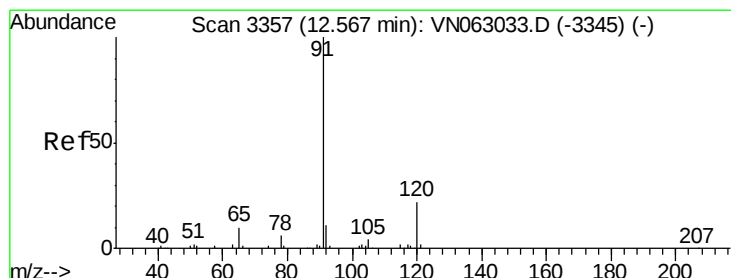
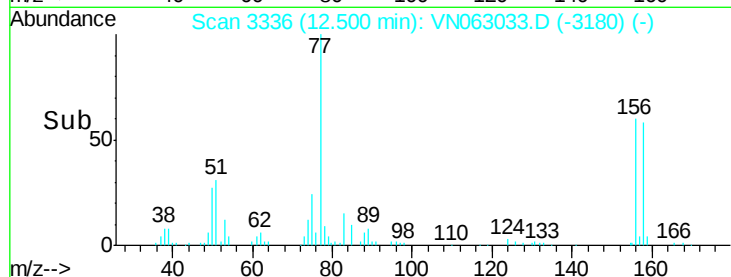
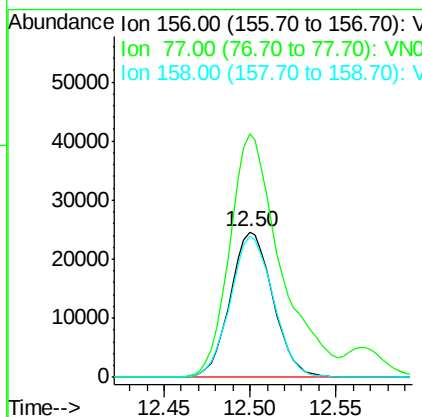
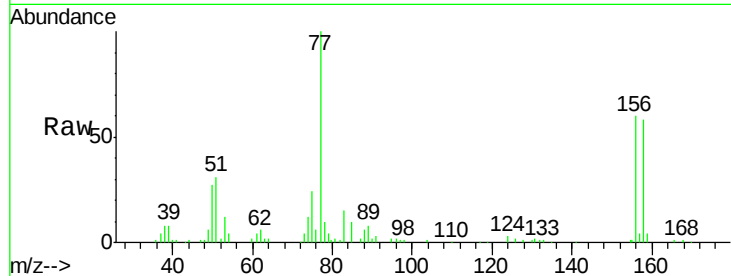
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.3	0.0	398.6
158	97.7	0.0	195.4

Manual Integrations
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#74

n-propylbenzene

Concen: 17.707 ug/l

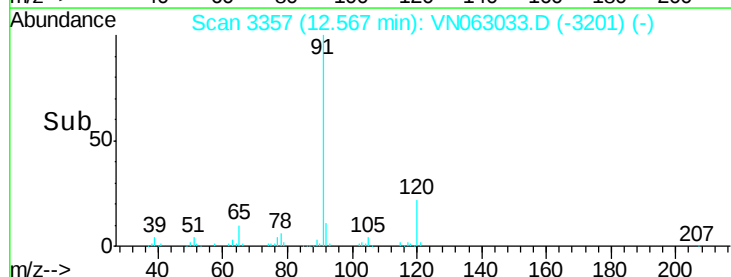
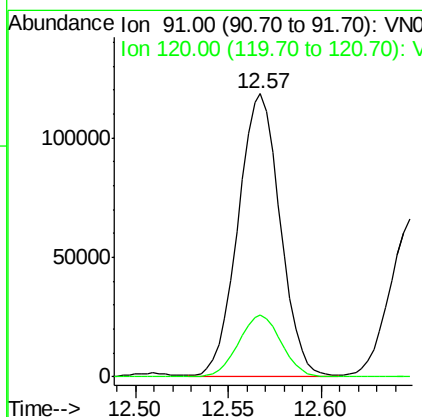
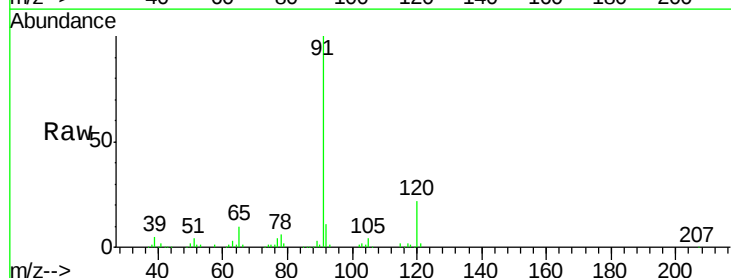
RT: 12.57 min Scan# 3357

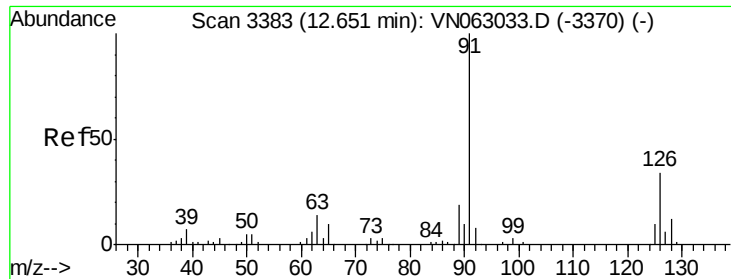
Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	0.0	44.0





#75

2-Chlorotoluene

Concen: 17.892 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 113050

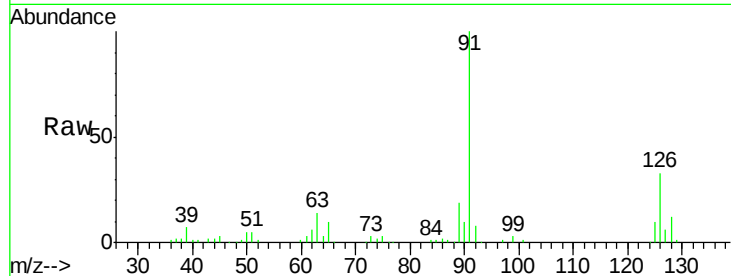
Ion Ratio Lower Upper

91 100

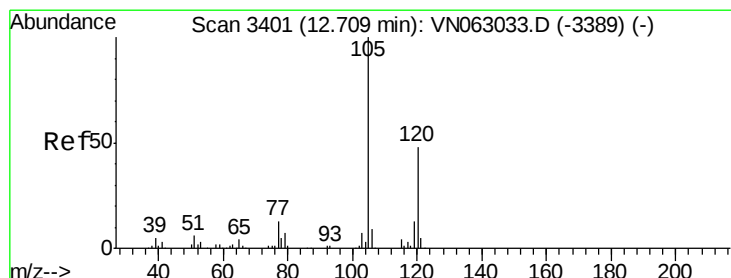
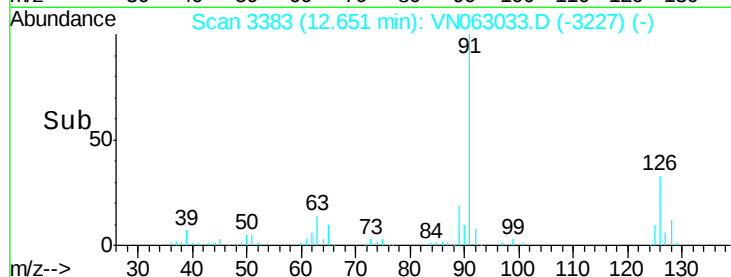
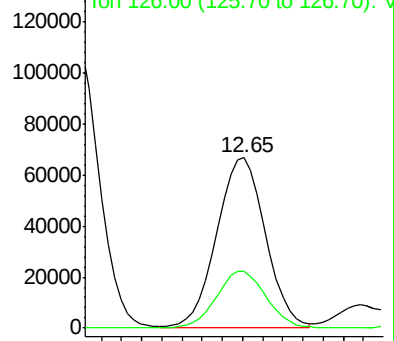
126 34.0 0.0 68.0

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Abundance Ion 91.00 (90.70 to 91.70): VN063033.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.893 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063033.D

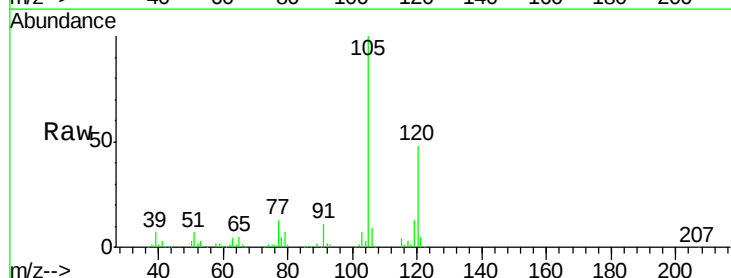
Acq: 20 Aug 2020 13:00

Tgt Ion: 105 Resp: 134957

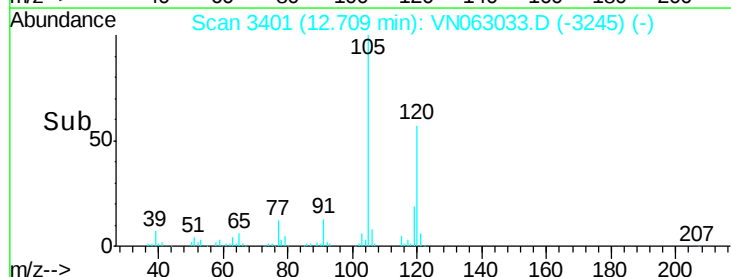
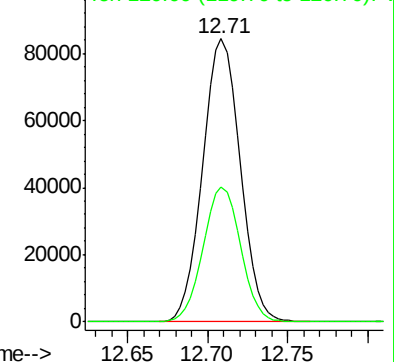
Ion Ratio Lower Upper

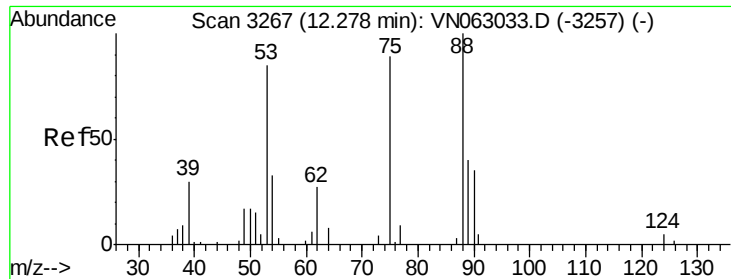
105 100

120 47.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN063033.D (-3389) (-)





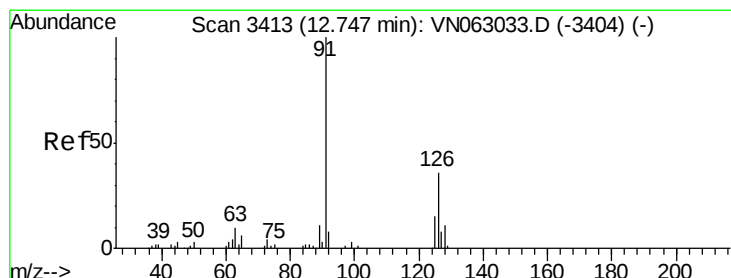
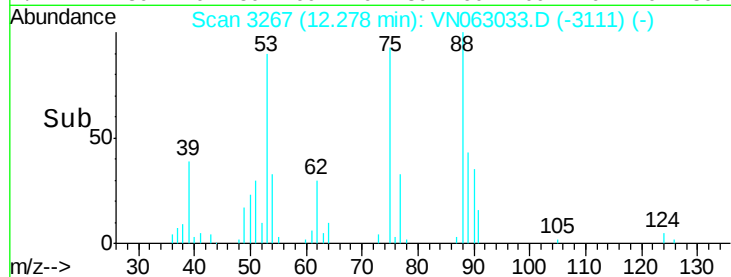
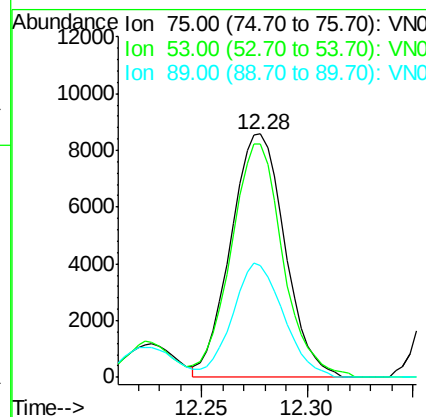
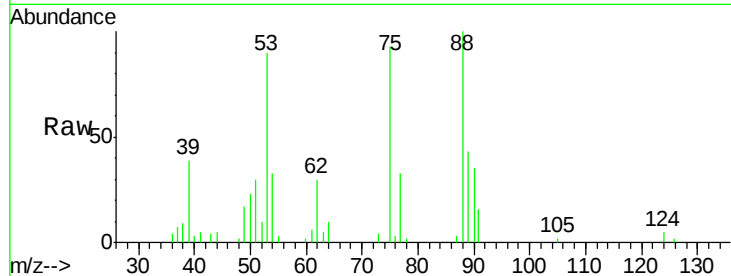
#77
t-1,4-Dichloro-2-butene
Concen: 17.204 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.0	47.0	141.0
89	45.8	22.9	68.7

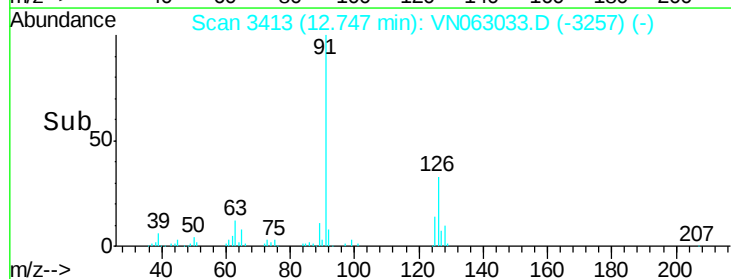
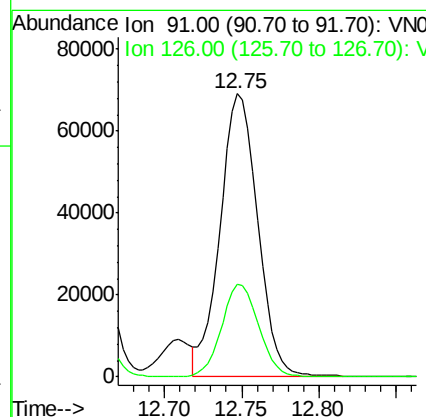
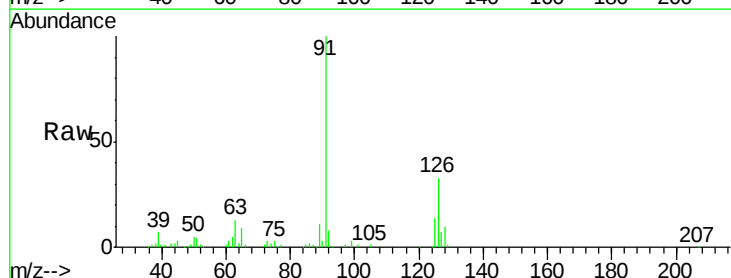
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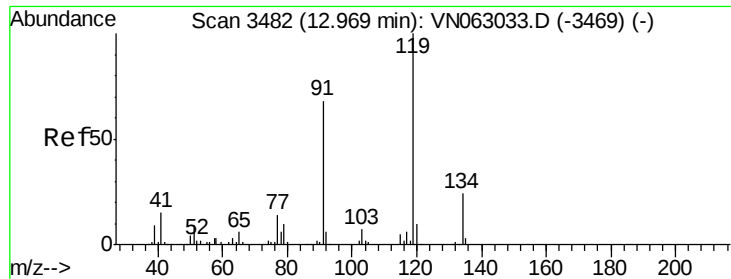
MMDadoda
8/21/2020 9:21:55 AM



#78
4-Chlorotoluene
Concen: 17.790 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	0.0	65.0





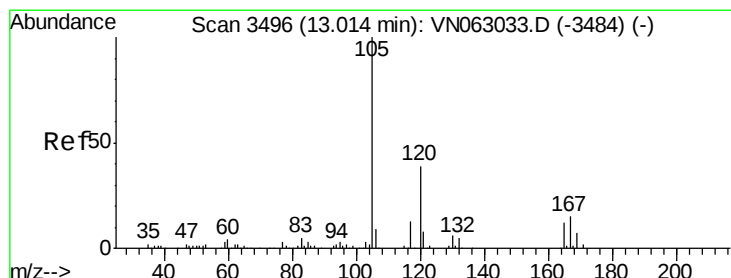
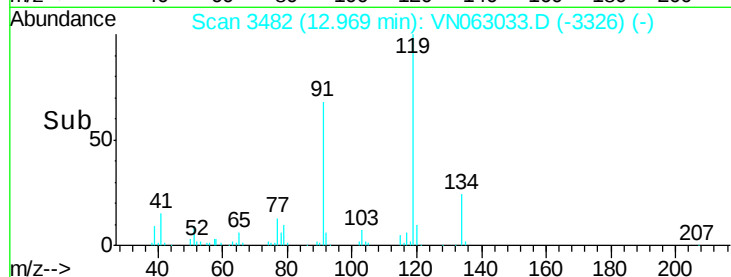
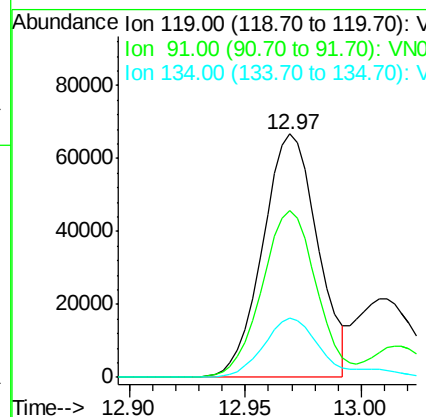
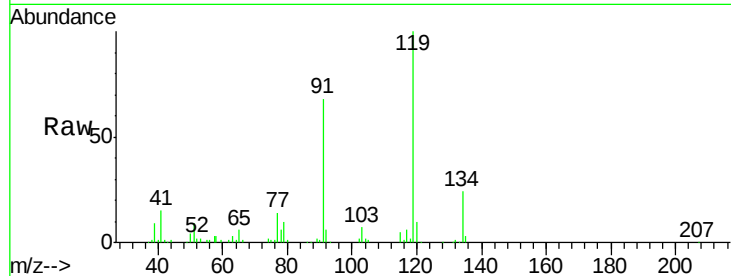
#79
tert-butylbenzene
Concen: 17.362 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	110183		
91	68.4	0.0	136.8	
134	24.4	0.0	48.8	

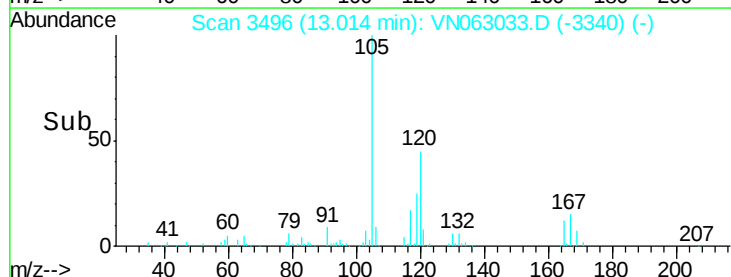
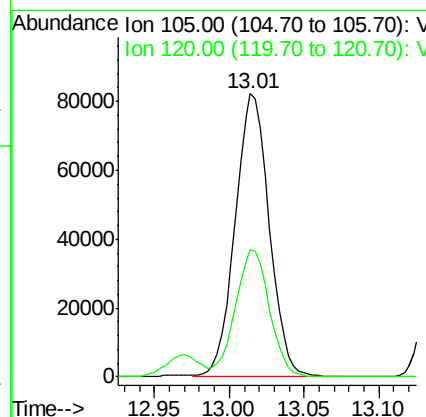
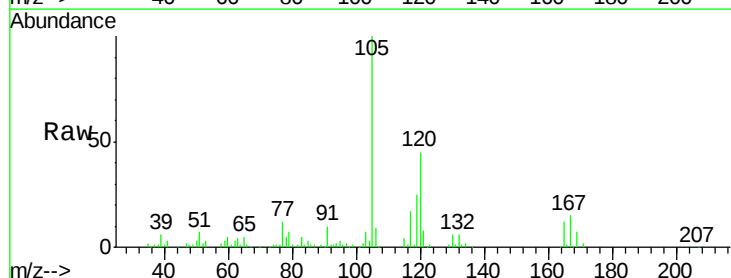
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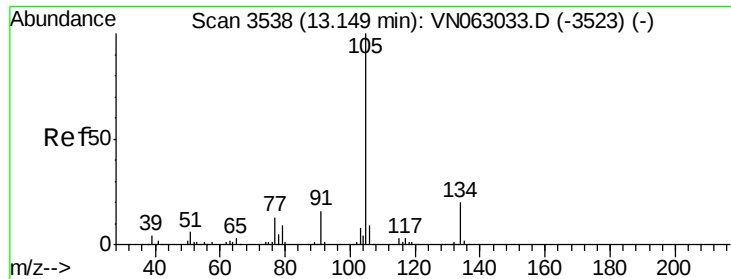
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.699 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	129942		
120	45.2	0.0	90.4	





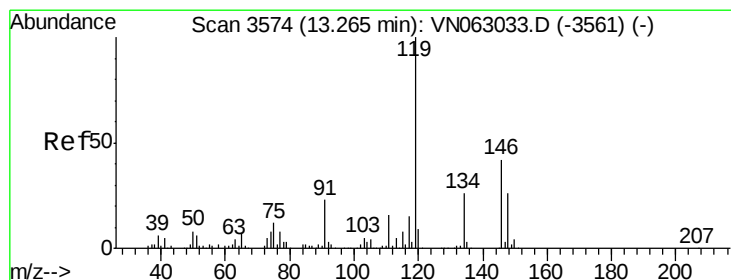
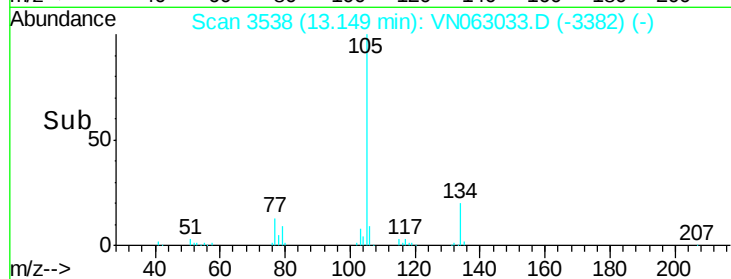
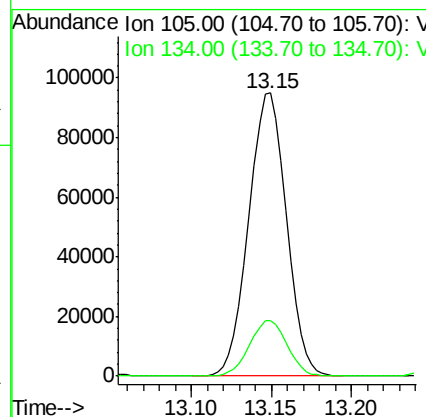
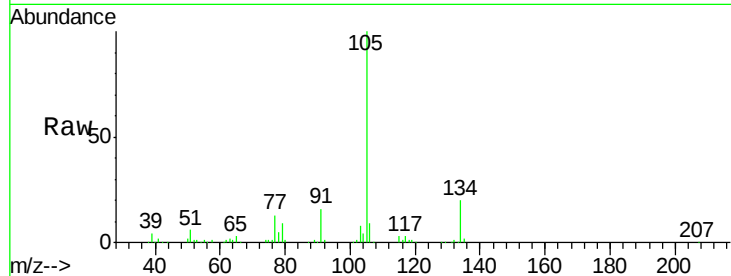
#81
 sec-Butylbenzene
 Concen: 17.423 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	152309		
134	19.7	0.0	39.4	

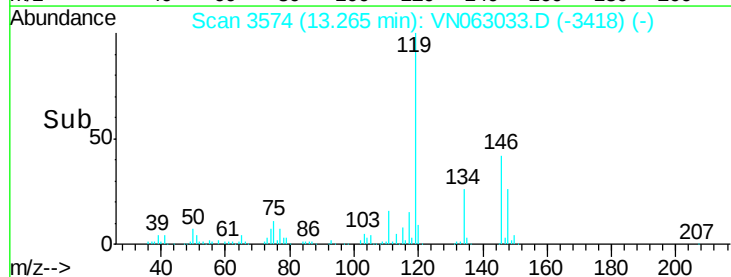
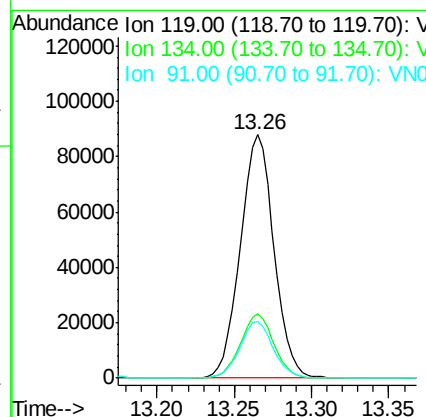
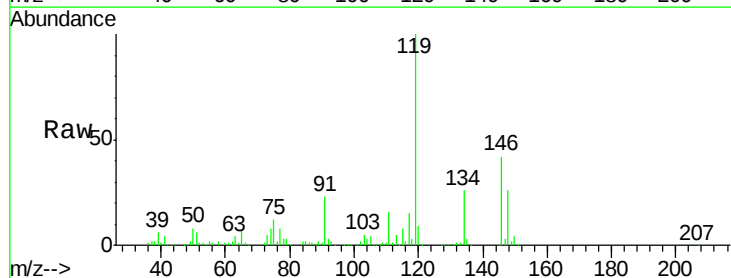
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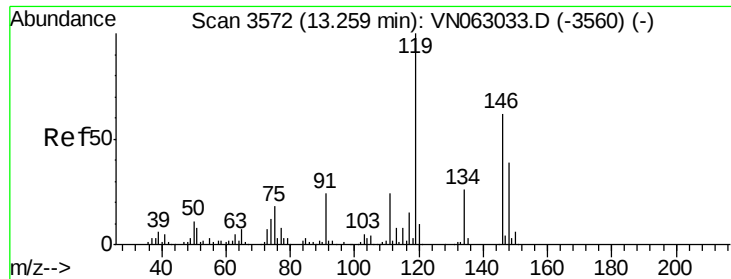
MMDadoda
 8/21/2020 9:21:55 AM



#82
 p-Isopropyltoluene
 Concen: 17.141 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	132846		
134	26.1	0.0	52.2	
91	23.1	0.0	46.2	





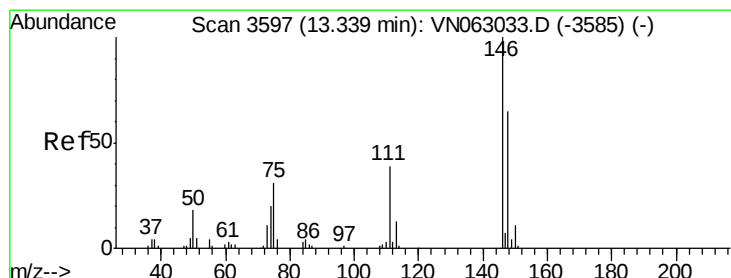
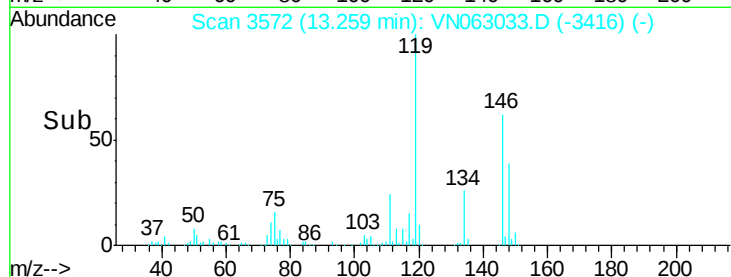
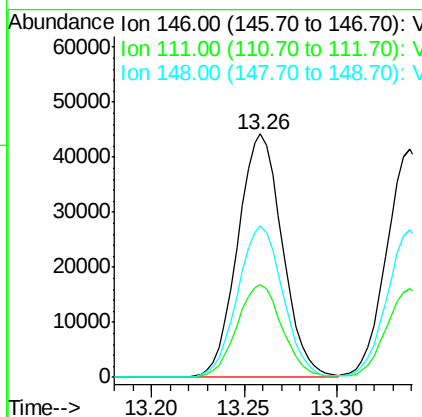
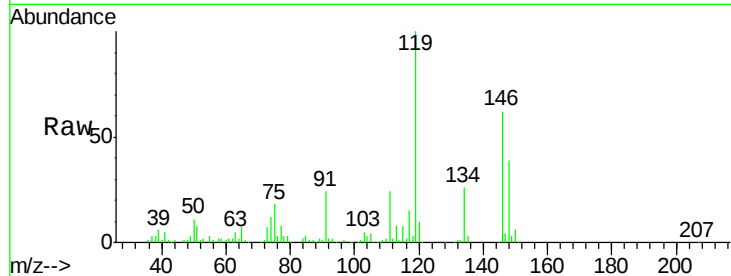
#83
 1,3-Dichlorobenzene
 Concen: 17.786 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	63.0	31.5	94.5

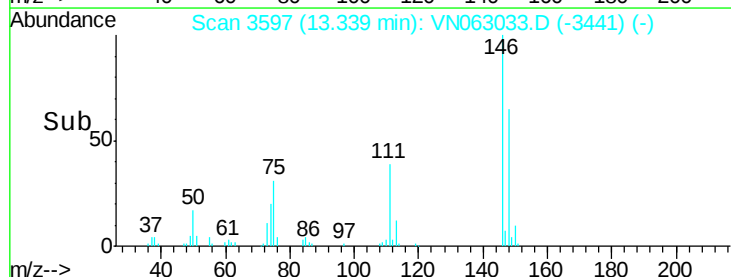
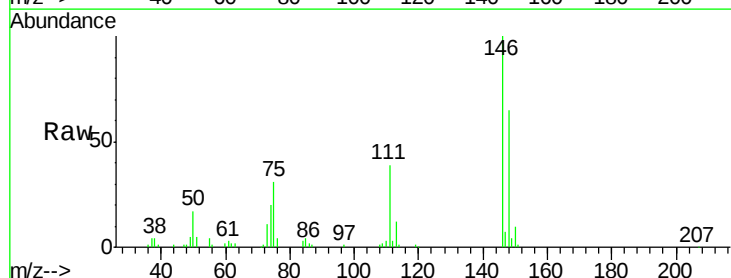
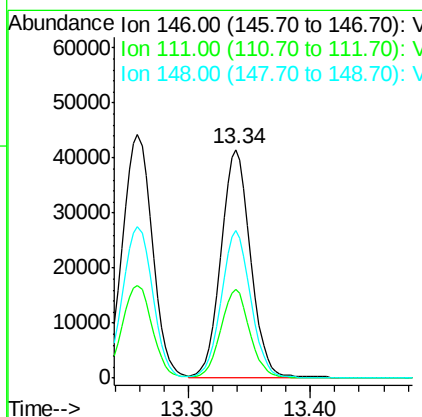
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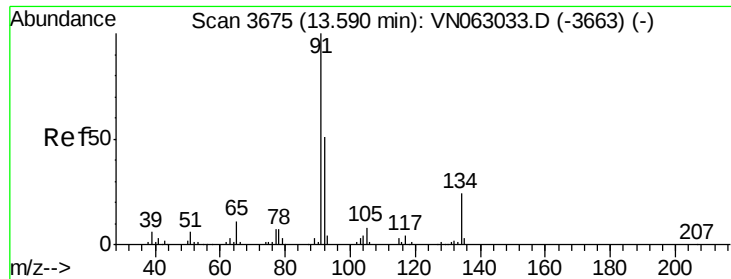
MMDadoda
 8/21/2020 9:21:55 AM



#84
 1,4-Dichlorobenzene
 Concen: 17.484 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	63.2	31.6	94.8





#85

n-Butylbenzene

Concen: 16.007 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

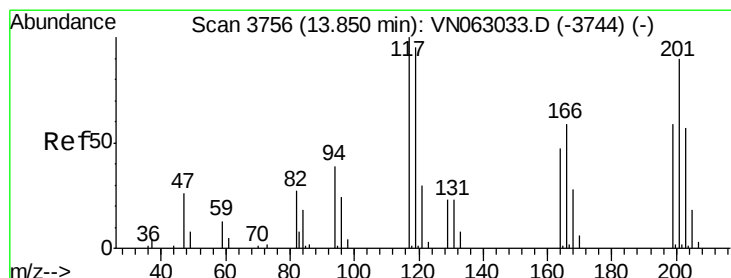
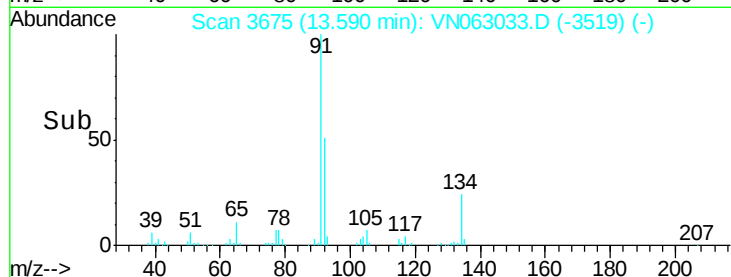
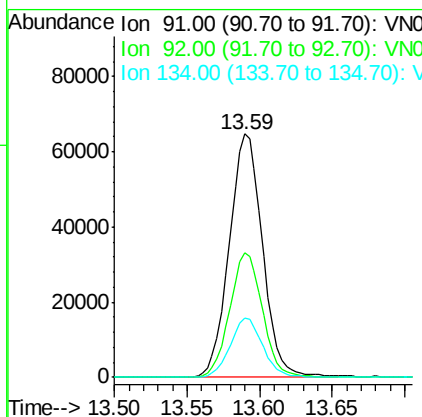
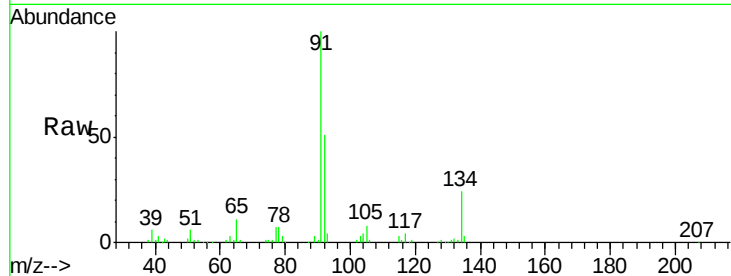
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	103095
Ion Ratio	Lower	Upper	
91	100		
92	50.3	0.0	100.6
134	23.7	0.0	47.4

Manual Integrations
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#86

Hexachloroethane

Concen: 17.648 ug/l

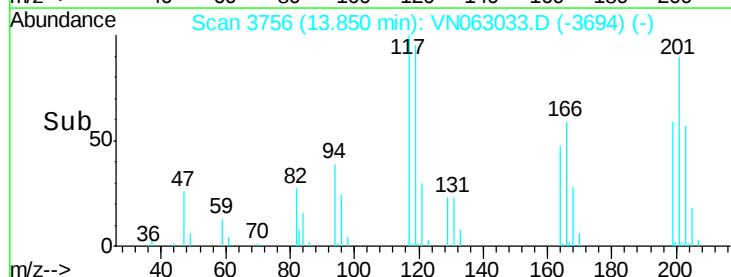
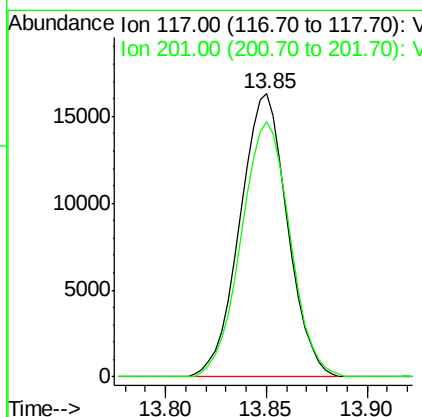
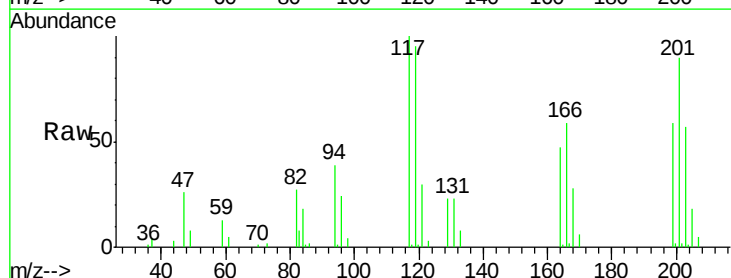
RT: 13.85 min Scan# 3756

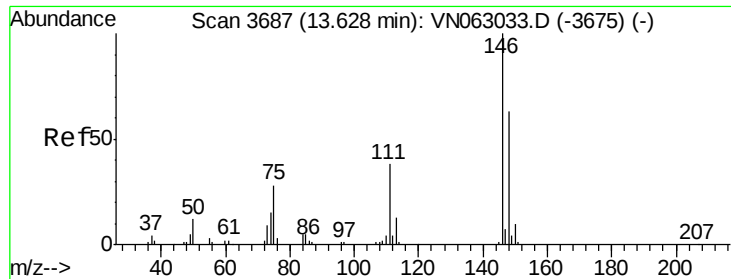
Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Tgt Ion:	117	Resp:	26937
Ion Ratio	Lower	Upper	
117	100		
201	92.2	46.1	138.3





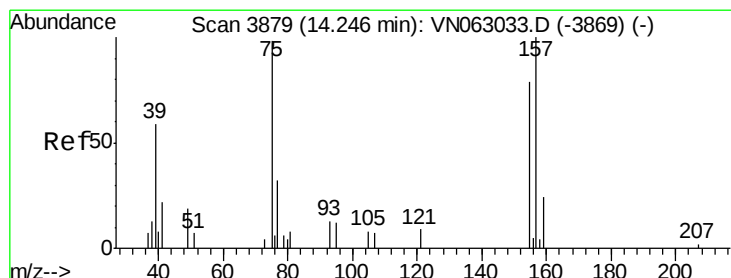
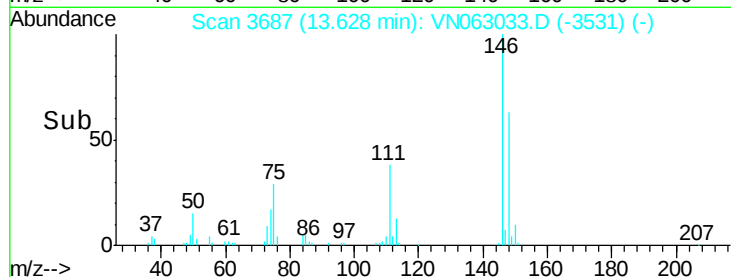
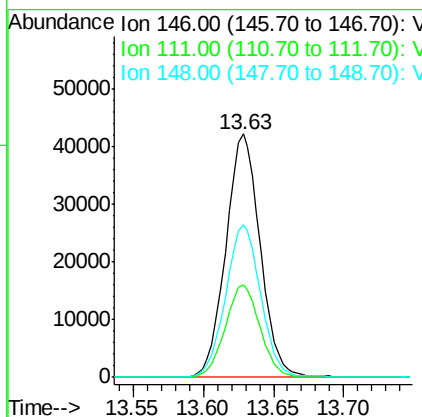
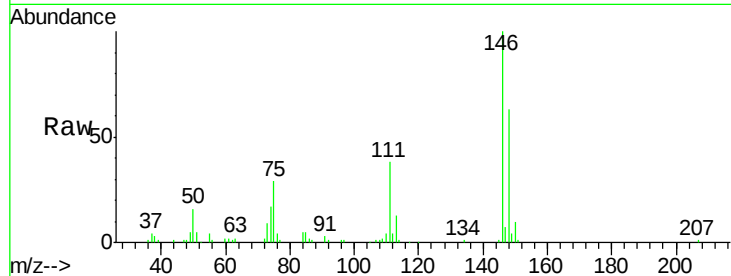
#87
 1,2-Dichlorobenzene
 Concen: 18.023 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	63.6	31.8	95.4

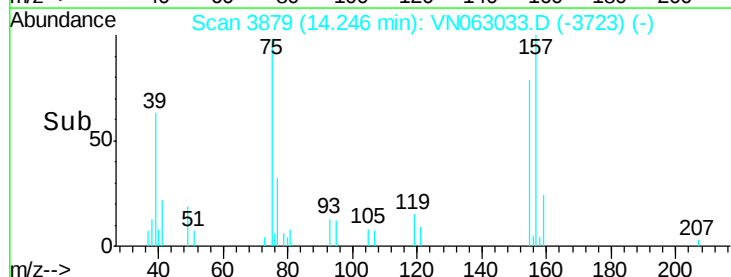
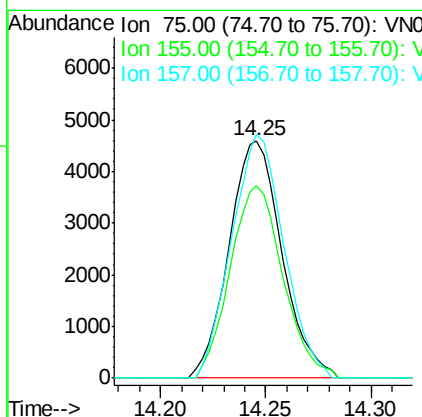
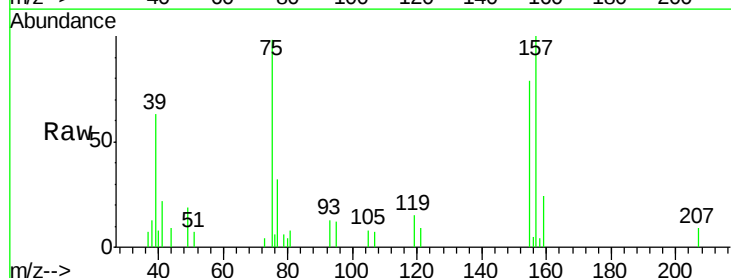
Manual Integrations
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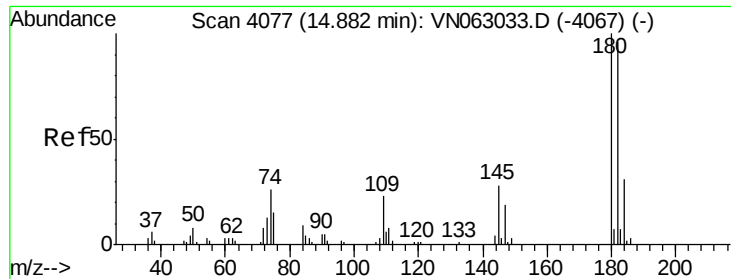
MMDadoda
 8/21/2020 9:21:55 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.800 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	64.8	97.2
157	101.5	81.2	121.8





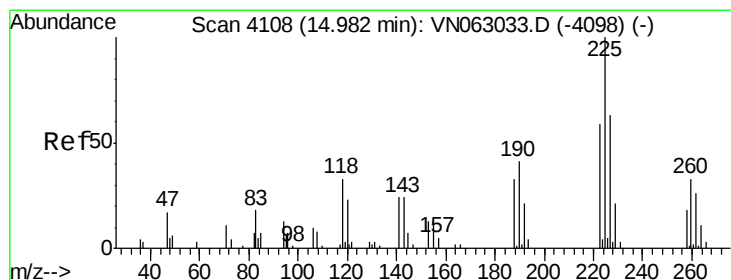
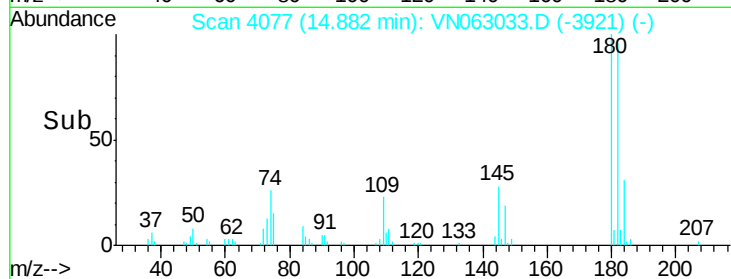
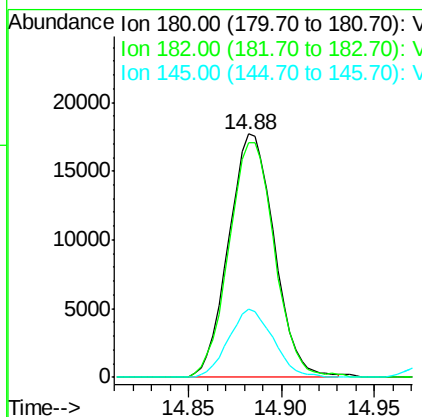
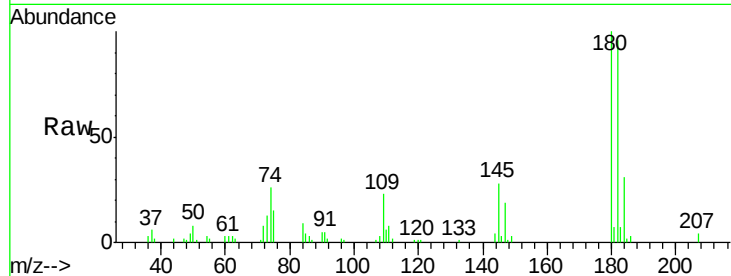
#89
 1,2,4-Trichlorobenzene
 Concen: 15.436 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	30359		
182	96.1		76.9	115.3
145	27.4		21.9	32.9

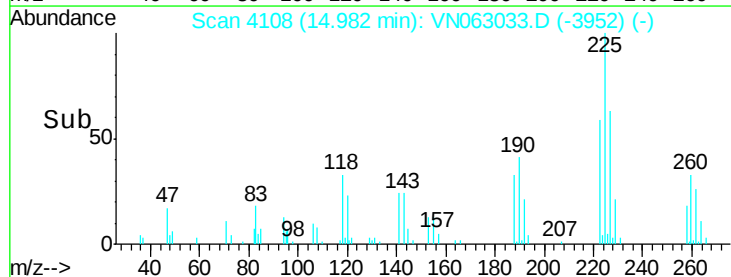
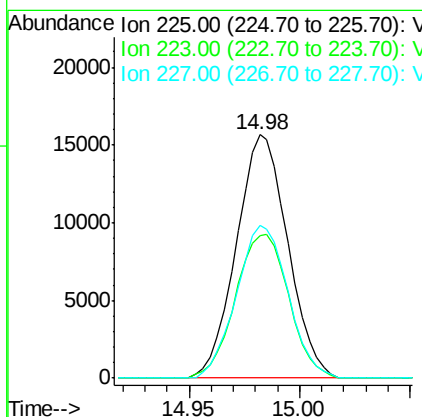
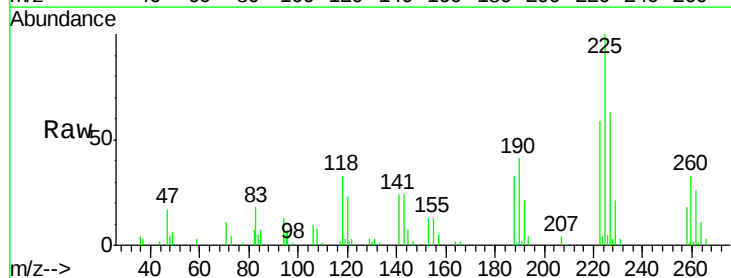
Manual Integrations
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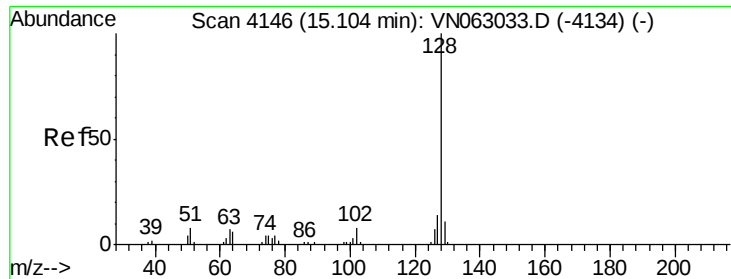
MMDadoda
 8/21/2020 9:21:55 AM



#90
 Hexachlorobutadiene
 Concen: 17.412 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25348		
223	61.4		0.0	122.8
227	62.8		0.0	125.6





#91

Naphthalene

Concen: 14.616 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

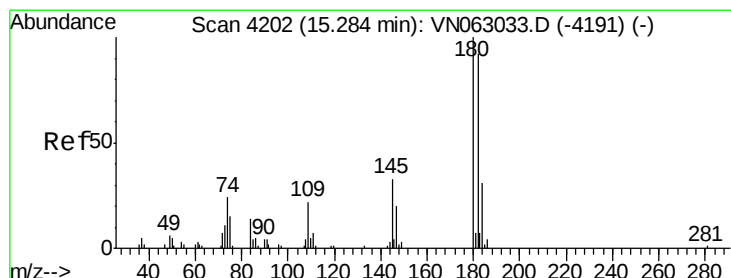
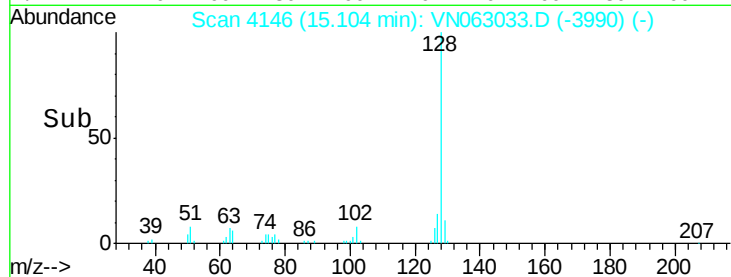
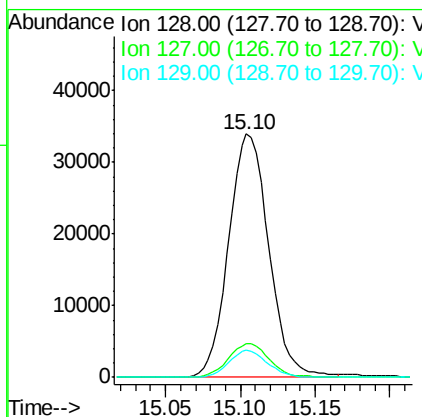
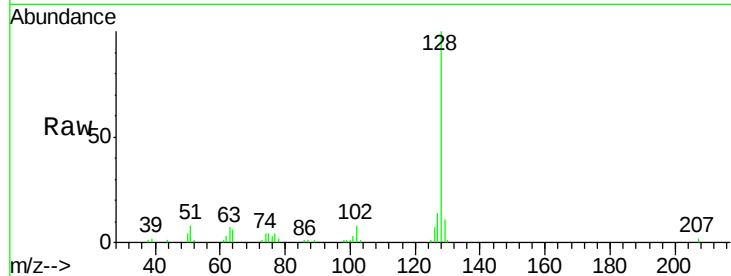
ClientSampleId :

VSTDICCC020

Tot Ion:	128	Resp:	63520
Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.1	16.7
129	10.5	8.4	12.6

Manual Integrations
APPROVED

MMDadoda
8/21/2020 9:21:55 AM



#92

1,2,3-Trichlorobenzene

Concen: 15.983 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Tgt Ion:	180	Resp:	31384
Ion	Ratio	Lower	Upper
180	100		
182	94.0	0.0	188.0
145	31.0	0.0	62.0

