

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063031.D
 Acq On : 20 Aug 2020 11:48
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:22:11 AM

Quant Time: Aug 20 13:56:40 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	33079	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	174530	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	166947	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	66892	28.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.13%
60) 4-Bromofluorobenzene	12.38	95	83321	31.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.27%
63) Toluene-d8	10.06	98	225810	29.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	373356	157.862	ug/l 97
3) Chloromethane	2.03	50	409516	156.480	ug/l 100
4) Vinyl Chloride	2.16	62	409548	155.452	ug/l 100
5) Bromomethane	2.50	94	239845	147.688	ug/l 98
6) Chloroethane	2.65	64	235755	151.410	ug/l 99
7) Trichlorofluoromethane	2.97	101	473710	149.102	ug/l 99
8) Diethyl Ether	3.37	74	161510	152.849	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	242518	141.175	ug/l 99
10) 1,1-Dichloroethene	3.69	96	229299	148.545	ug/l 98
11) Methyl Iodide	3.91	142	351537	165.983	ug/l 97
12) Methyl Acetate	4.27	43	310803	151.053	ug/l 99
13) Acrolein	3.56	56	167979	796.560	ug/l 98
14) Acrylonitrile	4.93	53	695033	771.441	ug/l 97
15) Acetone	3.77	58	184660	708.183	ug/l 95
16) Carbon Disulfide	4.00	76	623058	150.352	ug/l 99
17) Allyl chloride	4.27	41	435157	153.631	ug/l 97
18) Methylene Chloride	4.50	84	291468	134.954	ug/l 99
19) trans-1,2-Dichloroethene	4.99	96	250987	147.863	ug/l 98
20) Diisopropyl ether	5.90	45	1022401	154.115	ug/l 92
21) 1,1-Dichloroethane	5.80	63	528141	145.059	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	316861	150.633	ug/l 98
23) tert-Butyl Alcohol	4.74	59	214320	726.106	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	884026	156.107	ug/l 98
25) Chloroform	7.33	83	527957	145.607	ug/l 100
26) Cyclohexane	7.61	56	510751	162.958	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	380201	150.005	ug/l 99
30) 2-Butanone	6.78	43	864974	732.185	ug/l 99
31) 2,2-Dichloropropane	6.78	77	435415	141.331	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	435084	142.523	ug/l 100
33) Carbon Tetrachloride	7.73	117	375979	144.634	ug/l 96
34) Benzene	8.00	78	1183142	145.664	ug/l # 89
35) Methacrylonitrile	7.12	41	169405	153.765	ug/l 95
36) 1,2-Dichloroethane	8.08	62	389123	140.424	ug/l 100
37) Trichloroethene	8.80	130	290409	145.996	ug/l 97
38) Methylcyclohexane	9.05	83	520003	163.568	ug/l 96
39) 1,2-Dichloropropane	9.08	63	343123	145.149	ug/l 100
40) Dibromomethane	9.17	93	196610	143.249	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	443573	145.841	ug/l	97
42) Vinyl Acetate	5.84	43	3321585	742.210	ug/l	99
43) Ethyl Acetate	6.88	43	328300	145.597	ug/l	100
44) Isopropyl Acetate	8.12	43	574775	151.842	ug/l	97
45) 1,4-Dioxane	9.17	88	110288	3110.832	ug/l	95
46) Methyl methacrylate	9.17	41	293421	157.441	ug/l	98
47) n-amyl Acetate	12.05	43	560278	166.763	ug/l	96
48) t-1,3-Dichloropropene	10.35	75	496143	154.455	ug/l	96
49) cis-1,3-Dichloropropene	9.81	75	536535	153.450	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	300334	141.922	ug/l	98
51) Ethyl methacrylate	10.40	69	471919	163.910	ug/l	99
52) 1,3-Dichloropropane	10.68	76	514742	147.228	ug/l	99
53) Dibromochloromethane	10.87	129	347186	149.506	ug/l	100
54) 1,2-Dibromoethane	10.98	107	305093	150.285	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	561543	949.522	ug/l	99
56) Bromoform	12.10	173	264224	155.380	ug/l	96
58) 4-Methyl-2-Pentanone	9.95	43	1828588	761.402	ug/l	98
59) 2-Hexanone	10.72	43	1314040	767.012	ug/l	96
61) Tetrachloroethene	10.60	164	259805	141.956	ug/l	97
62) Toluene	10.12	91	1310119	148.071	ug/l	99
64) Chlorobenzene	11.41	112	827016	151.058	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	322588	148.660	ug/l	99
66) Ethyl Benzene	11.48	91	1524003	158.013	ug/l	100
67) m/p-Xylenes	11.60	106	1140742	315.716	ug/l	99
68) o-Xylene	11.92	106	553154	159.373	ug/l	100
69) Styrene	11.94	104	992088	163.627	ug/l	100
70) Isopropylbenzene	12.22	105	1507107	159.622	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	443396	146.441	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	407113m	155.573	ug/l	
73) Bromobenzene	12.50	156	391132	153.614	ug/l	99
74) n-propylbenzene	12.57	91	1811843	159.973	ug/l	99
75) 2-Chlorotoluene	12.65	91	1057728	156.695	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	1303741	161.803	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	159943	168.441	ug/l	92
78) 4-Chlorotoluene	12.75	91	1117514	160.571	ug/l	99
79) tert-butylbenzene	12.97	119	1127835	166.355	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	1307172	166.660	ug/l	100
81) sec-Butylbenzene	13.15	105	1538098	164.693	ug/l	100
82) p-Isopropyltoluene	13.26	119	1391890	168.114	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	710212	159.754	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	702996	161.795	ug/l	100
85) n-Butylbenzene	13.59	91	1236773	179.752	ug/l	97
86) Hexachloroethane	13.85	117	258827	158.725	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	666891	156.630	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	78849	164.178	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	395498	188.226	ug/l	99
90) Hexachlorobutadiene	14.98	225	231181	148.646	ug/l	99
91) Naphthalene	15.10	128	895703	192.918	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	382977	182.567	ug/l	98

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VSTDICC150

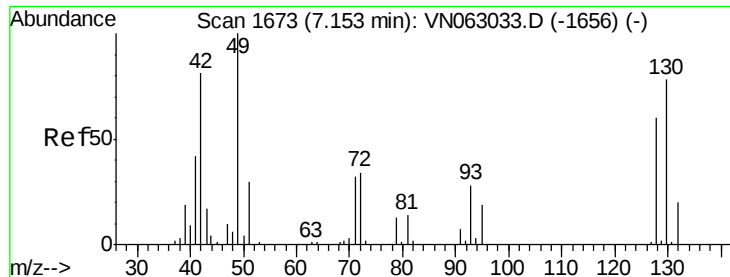
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



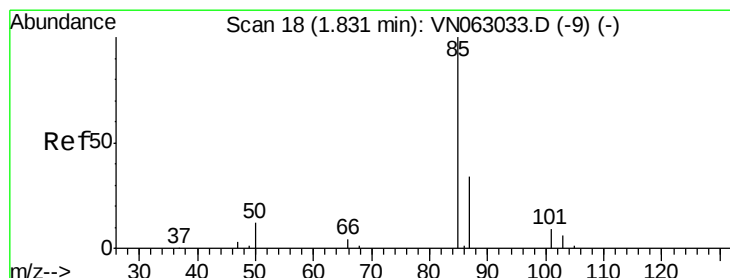
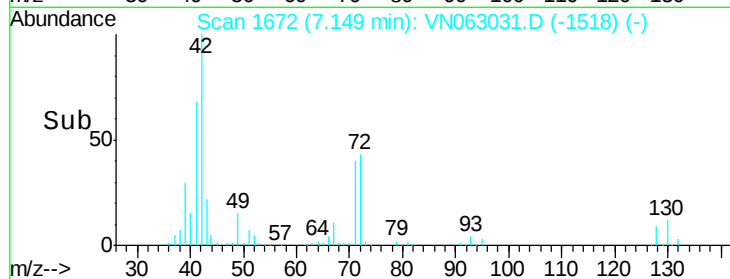
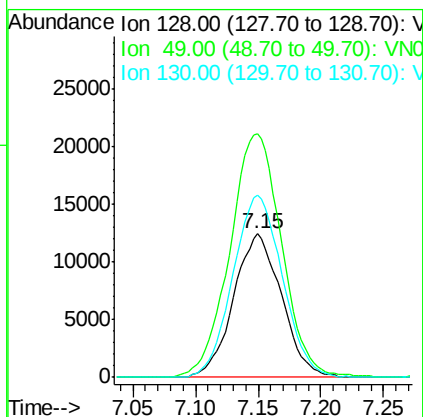
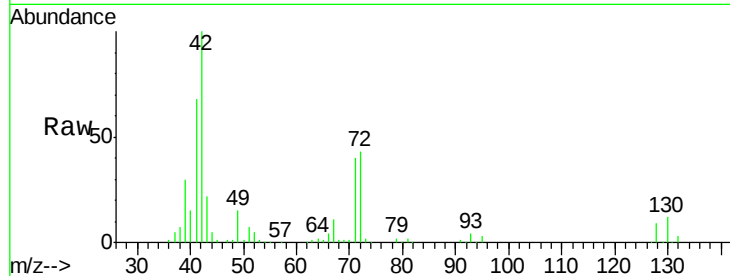
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	183.1	0.0	437.5
130	130.7	0.0	327.3

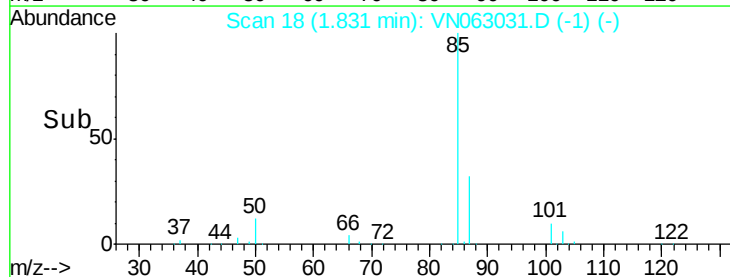
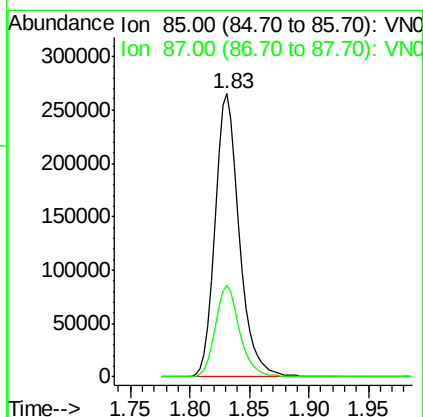
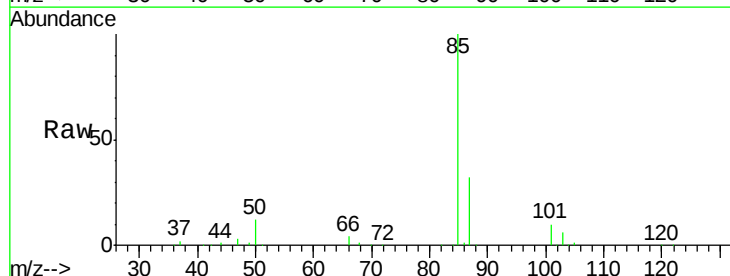
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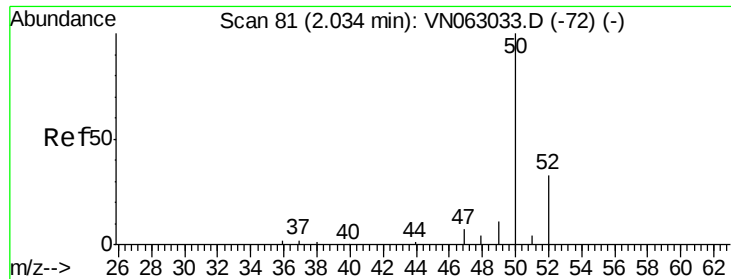
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#2
 Dichlorodifluoromethane
 Concen: 157.862 ug/l
 RT: 1.83 min Scan# 18
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.9	50.6





#3

Chloromethane

Concen: 156.480 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 409516

Ion Ratio Lower Upper

50 100

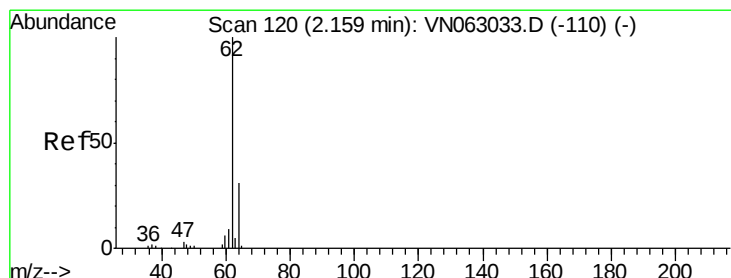
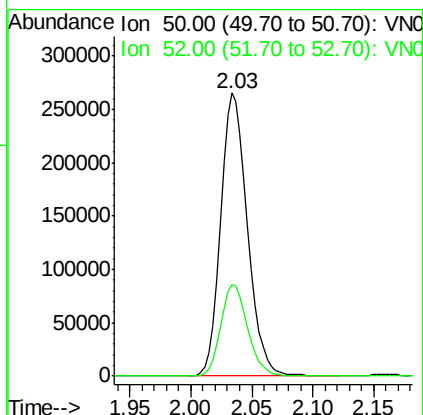
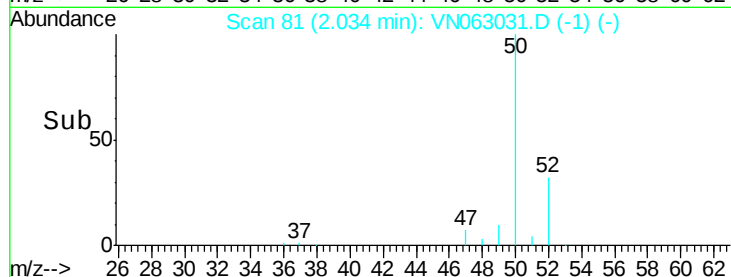
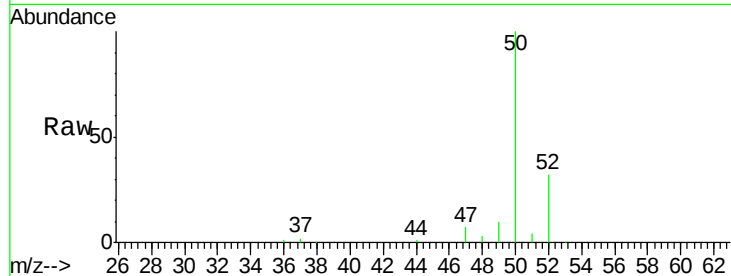
52 32.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 155.452 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN063031.D

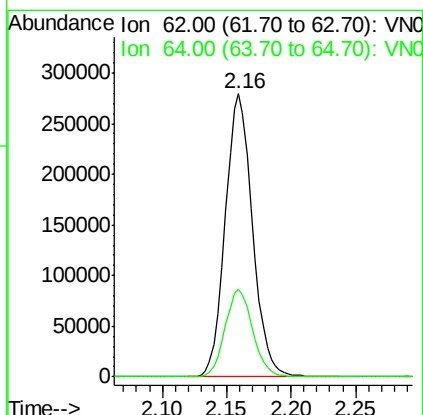
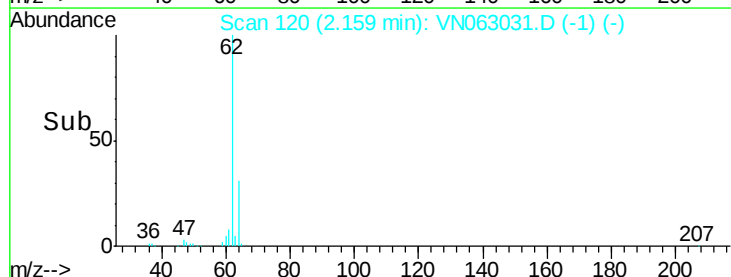
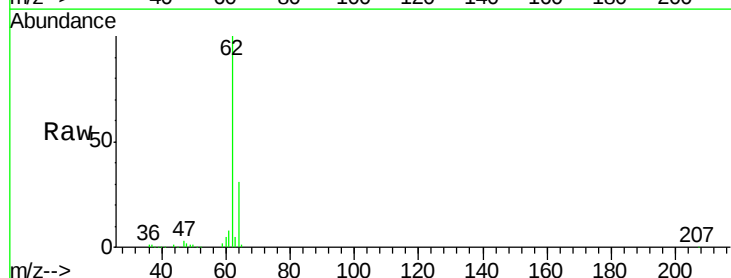
Acq: 20 Aug 2020 11:48

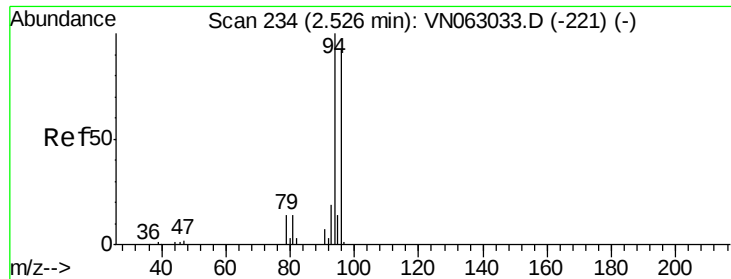
Tgt Ion: 62 Resp: 409548

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4





#5

Bromomethane

Concen: 147.688 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.02 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 239845

Ion Ratio Lower Upper

94 100

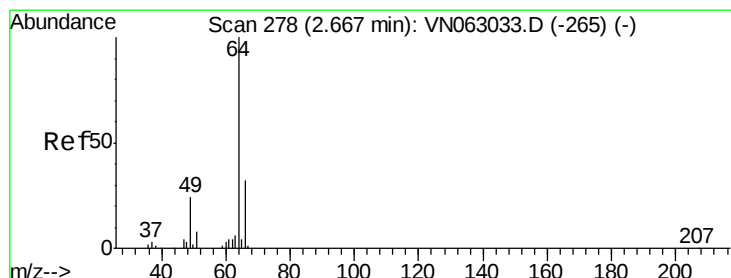
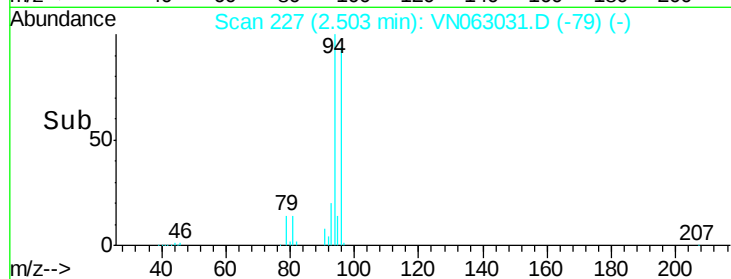
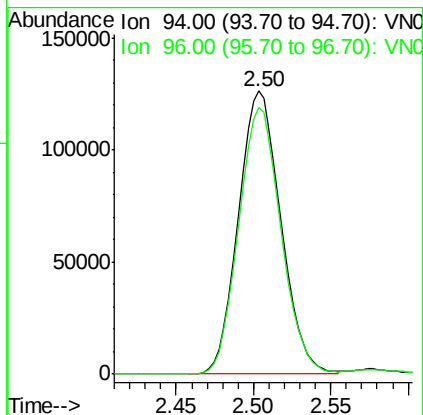
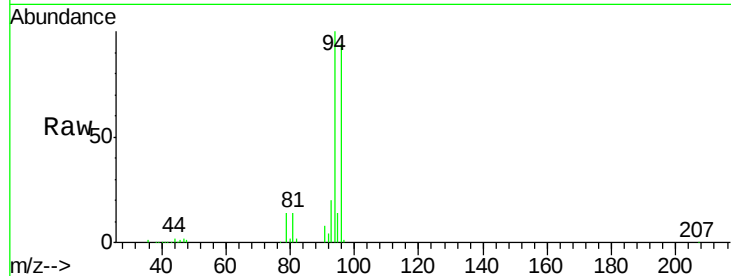
96 94.5 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 151.410 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.01 min

Lab File: VN063031.D

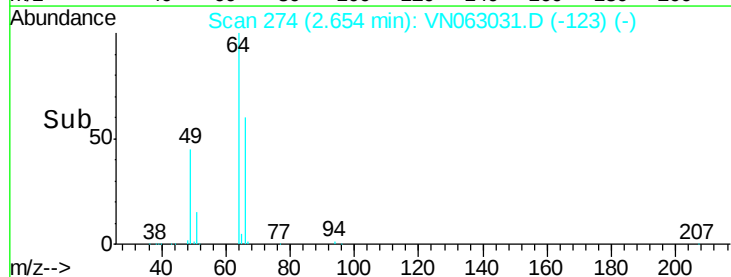
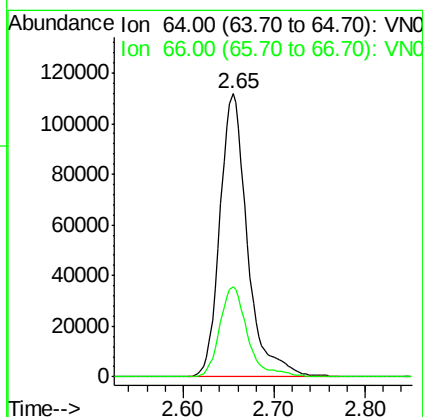
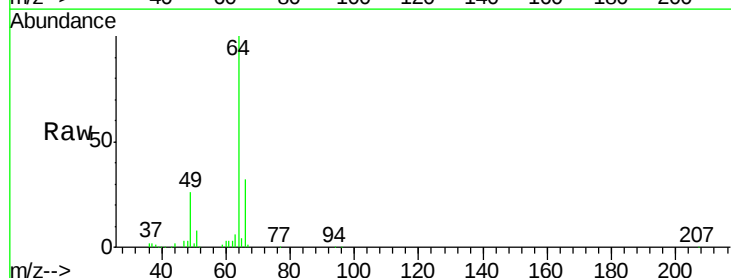
Acq: 20 Aug 2020 11:48

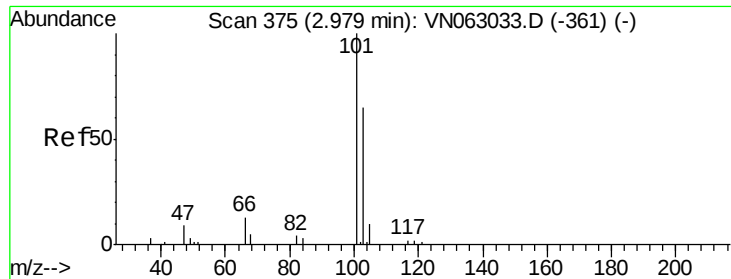
Tgt Ion: 64 Resp: 235755

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.8





#7

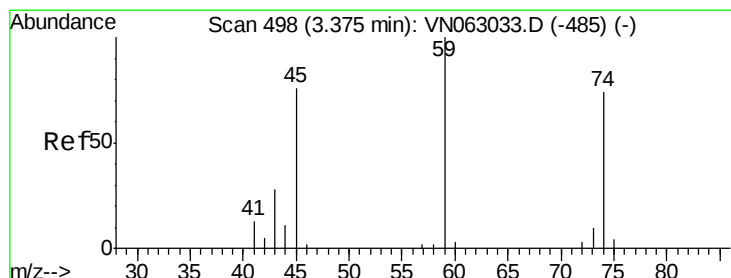
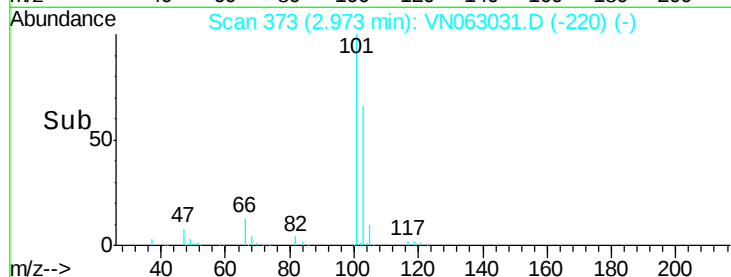
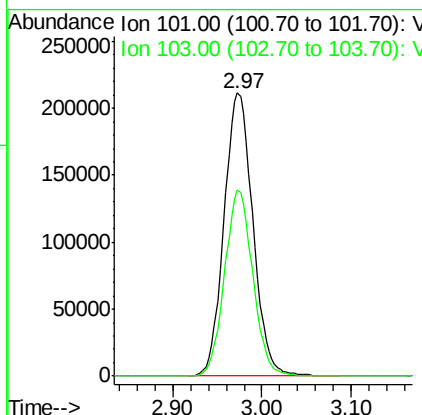
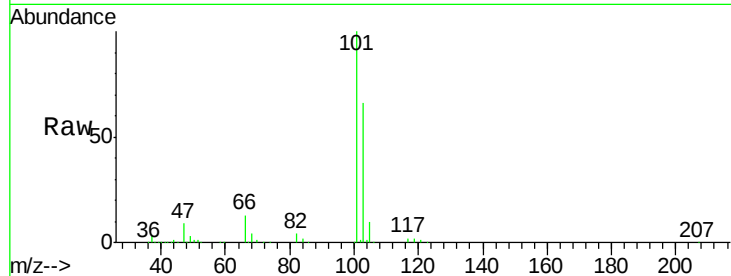
Trichlorofluoromethane
 Concen: 149.102 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
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 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.9	77.9

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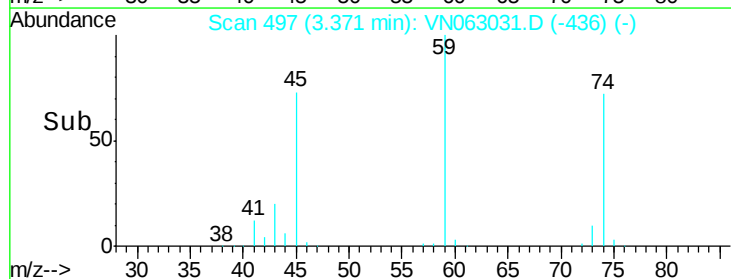
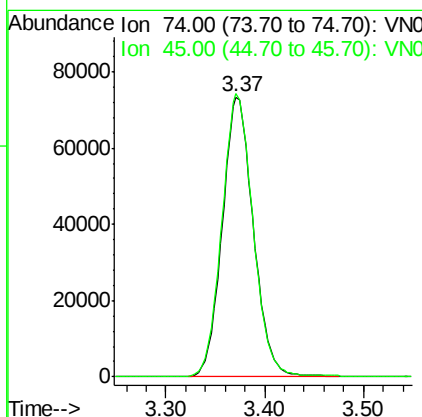
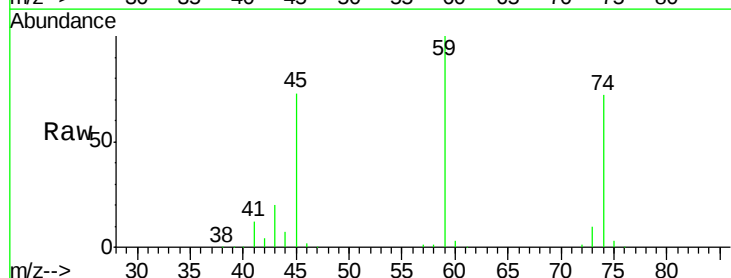
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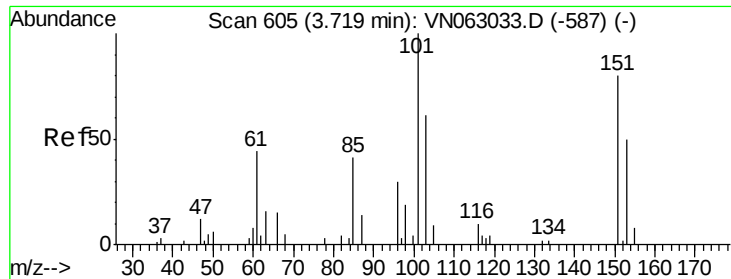


#8

Diethyl Ether
 Concen: 152.849 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	20.6	185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.175 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

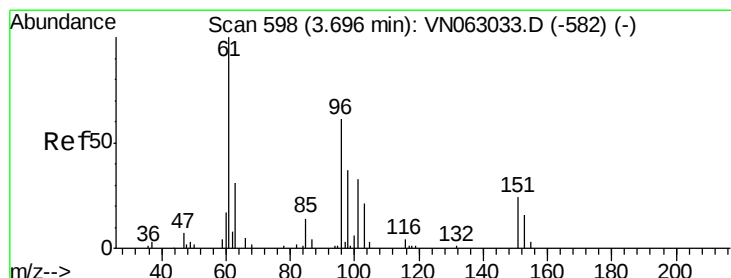
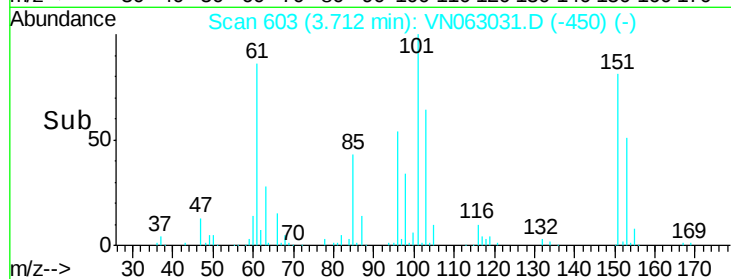
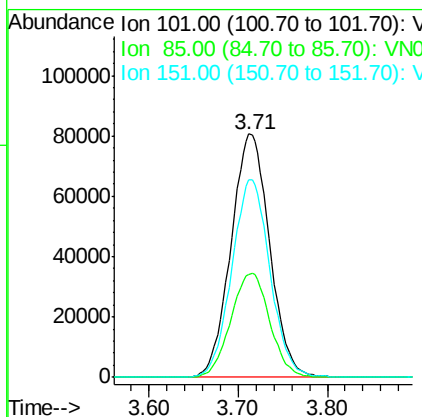
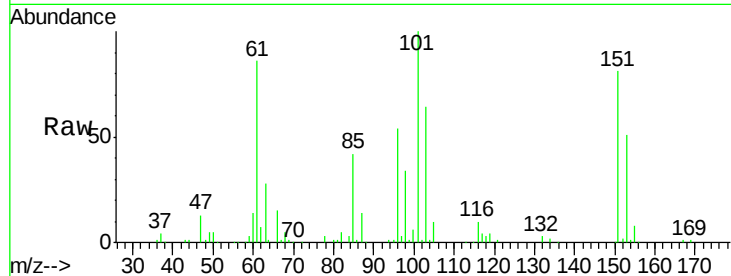
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	242518
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	85.0
151	80.5	0.0	161.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 148.545 ug/l

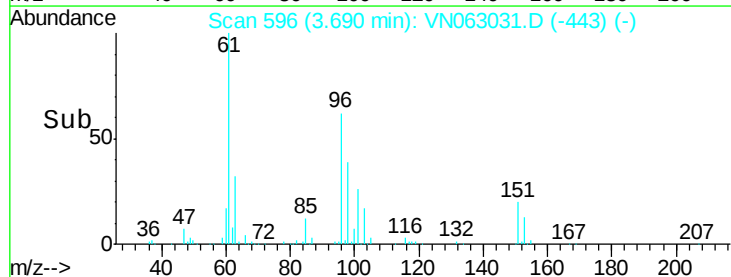
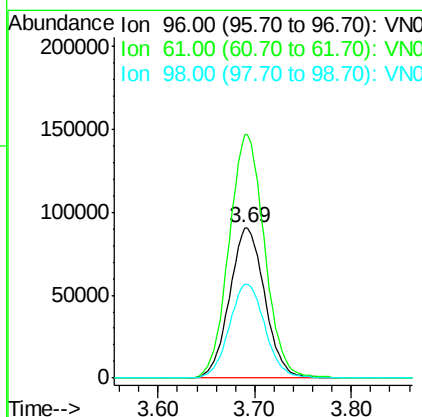
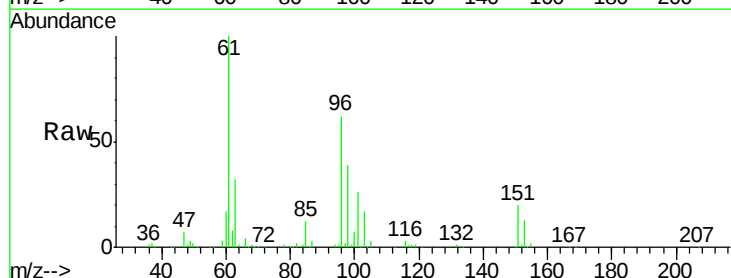
RT: 3.69 min Scan# 596

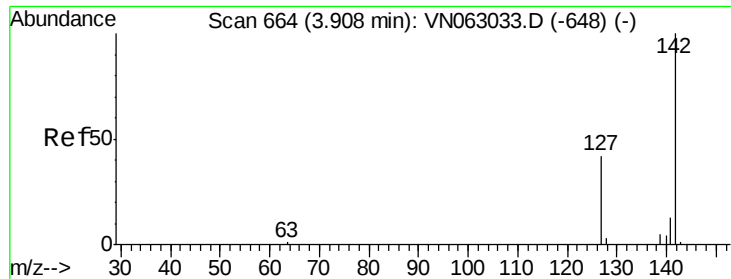
Delta R.T. -0.01 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Tgt Ion:	96	Resp:	229299
Ion Ratio	Lower	Upper	
96	100		
61	161.1	130.8	196.2
98	62.3	49.0	73.4





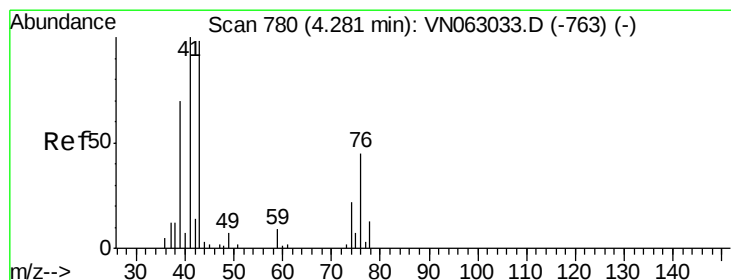
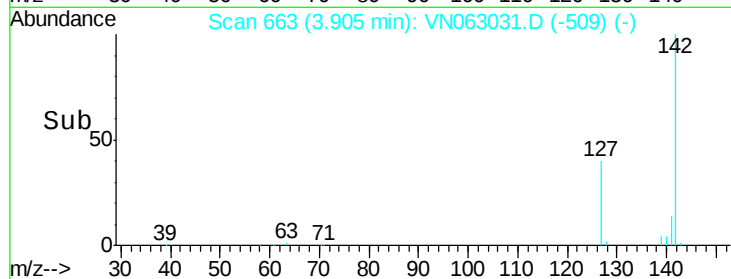
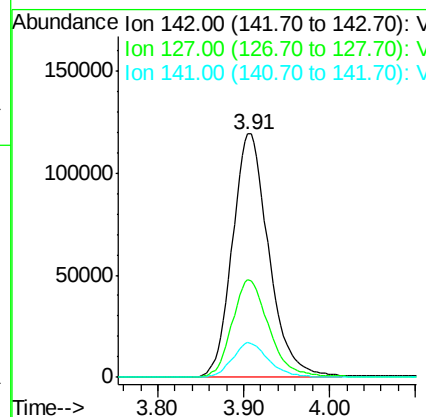
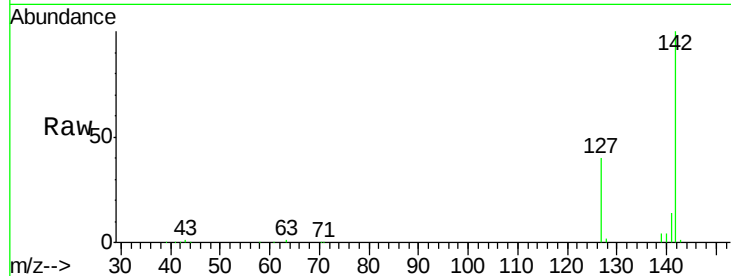
#11
Methyl Iodide
Concen: 165.983 ug/l
RT: 3.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.1	20.9	62.8
141	14.3	6.7	20.1

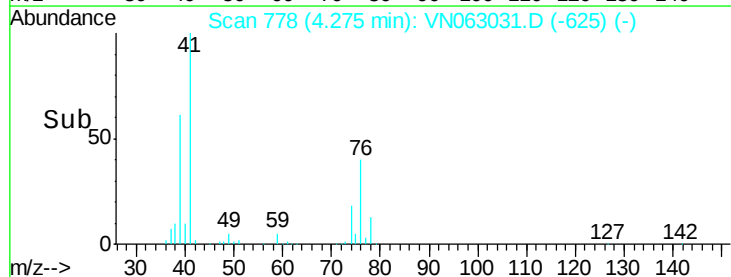
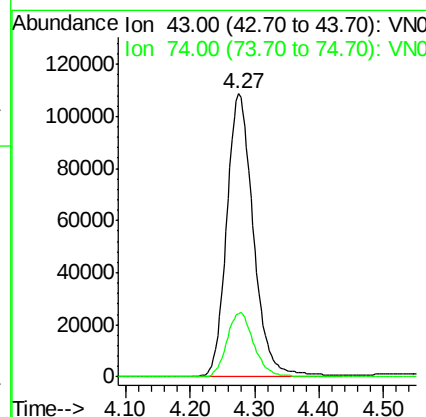
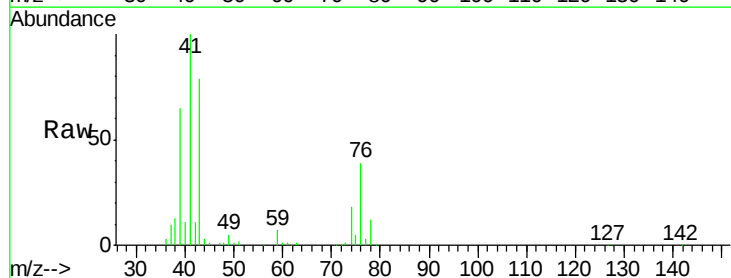
Manual Integrations
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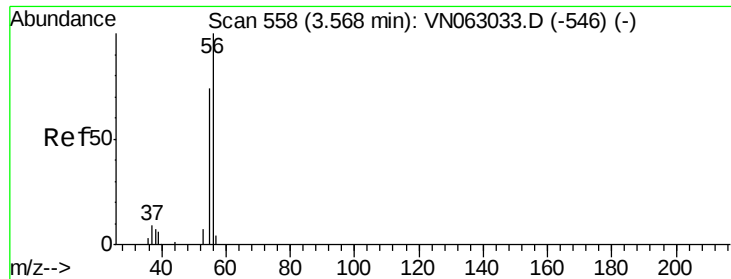
MMDadoda
8/21/2020 9:22:11 AM



#12
Methyl Acetate
Concen: 151.053 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.6	27.8





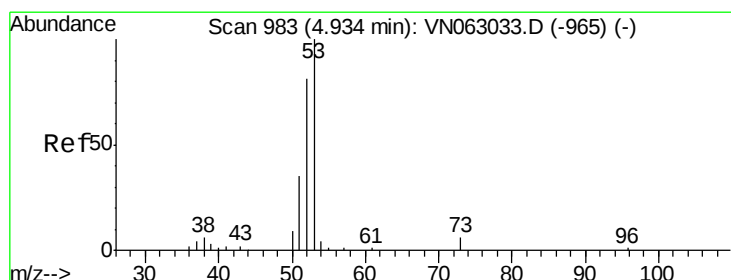
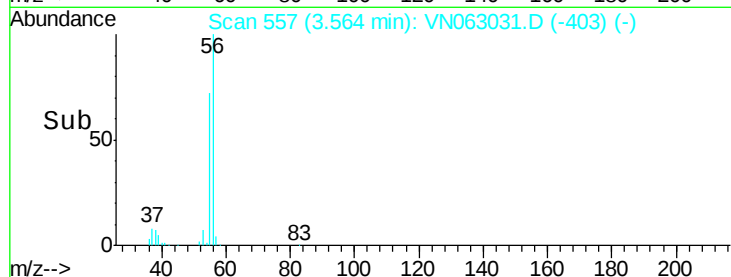
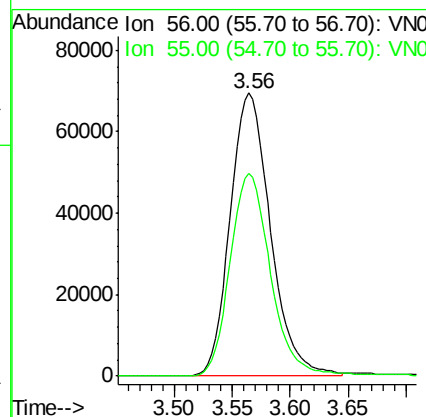
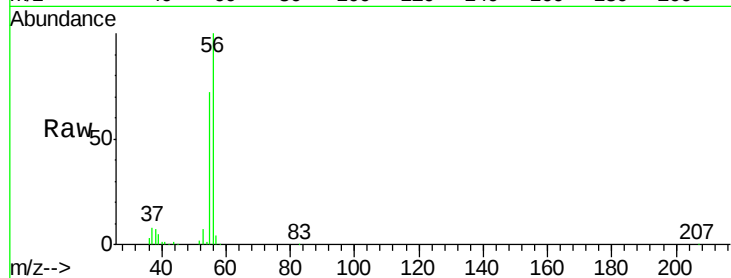
#13
Acrolein
Concen: 796.560 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	56	Resp	167979
Ion Ratio	100	Lower	Upper
55	72.0	58.7	88.1

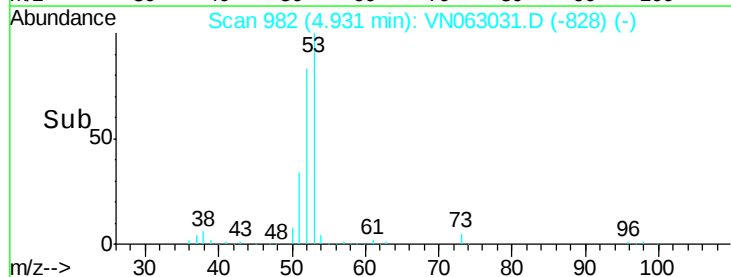
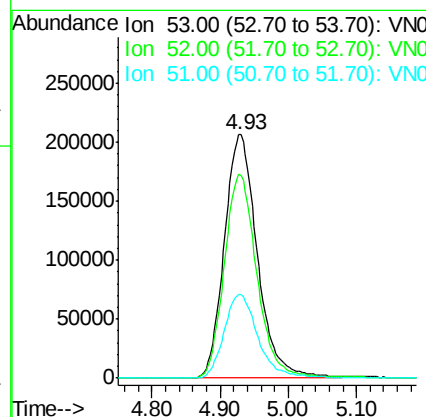
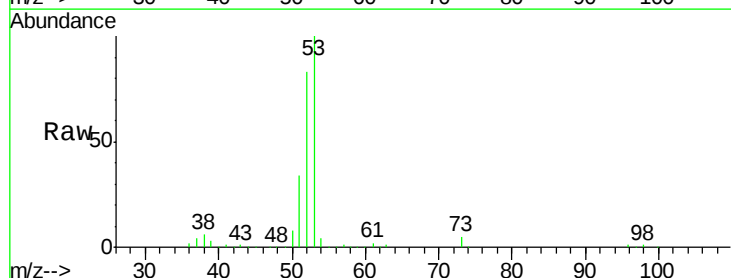
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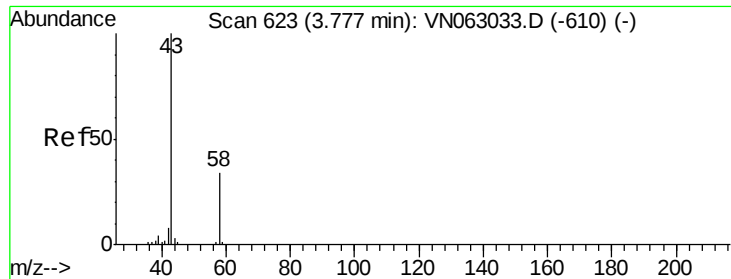
MMDadoda
8/21/2020 9:22:11 AM



#14
Acrylonitrile
Concen: 771.441 ug/l
RT: 4.93 min Scan# 982
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	53	Resp	695033
Ion Ratio	100	Lower	Upper
52	82.4	39.9	119.7
51	35.3	17.0	51.0





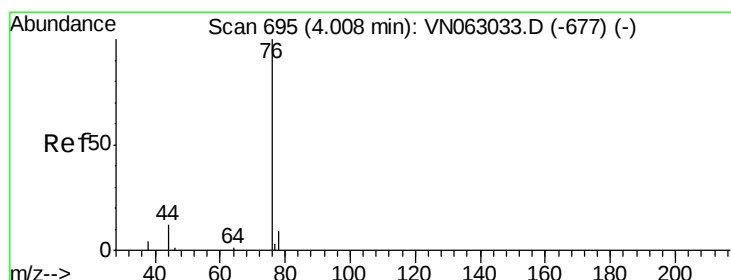
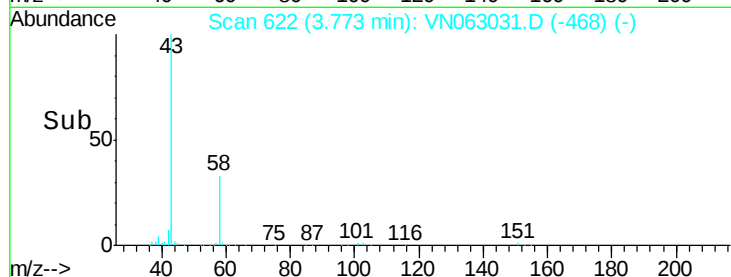
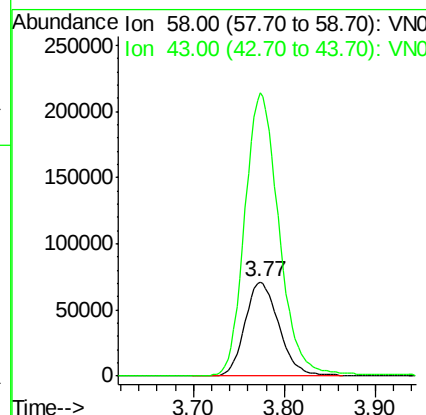
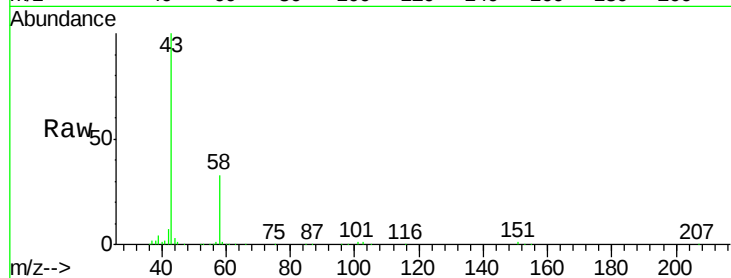
#15
Acetone
Concen: 708.183 ug/l
RT: 3.77 min Scan# 622
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	58	Resp	184660
Ion Ratio	Lower	Upper	
58	100		
43	300.3	233.2	349.8

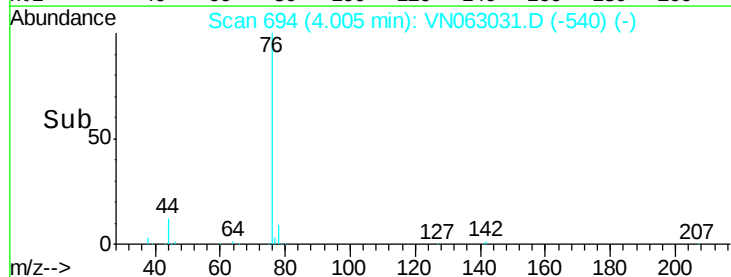
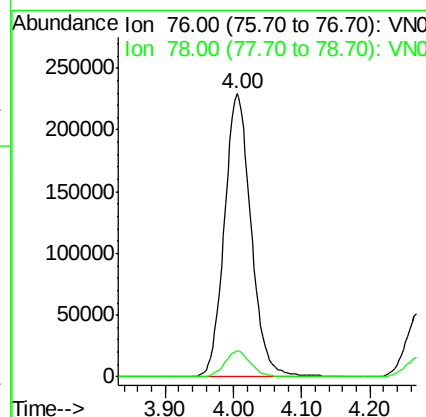
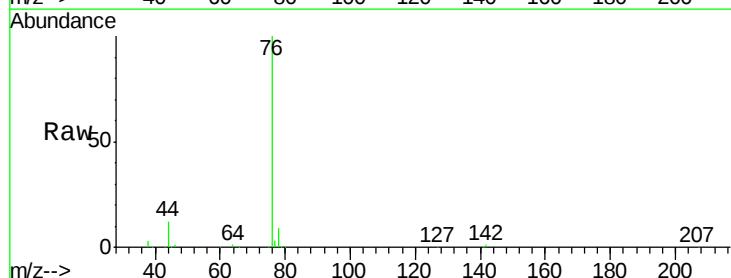
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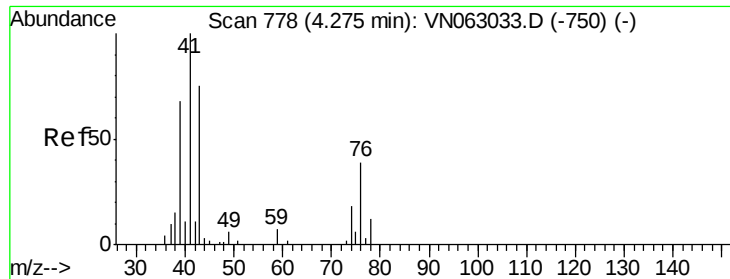
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#16
Carbon Disulfide
Concen: 150.352 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	76	Resp	623058
Ion Ratio	Lower	Upper	
76	100		
78	9.2	7.0	10.4





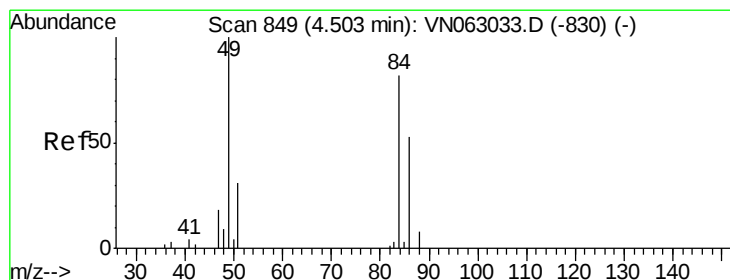
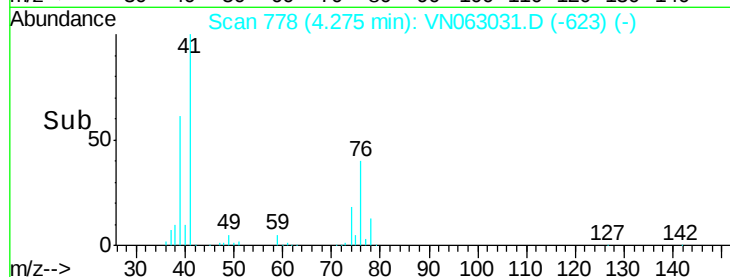
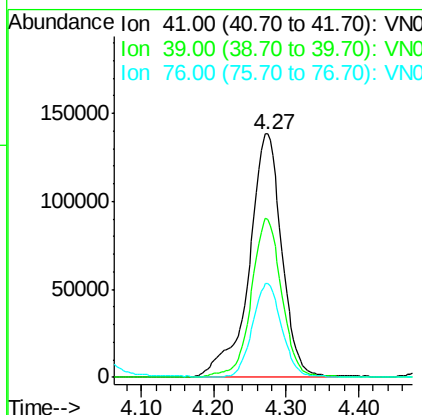
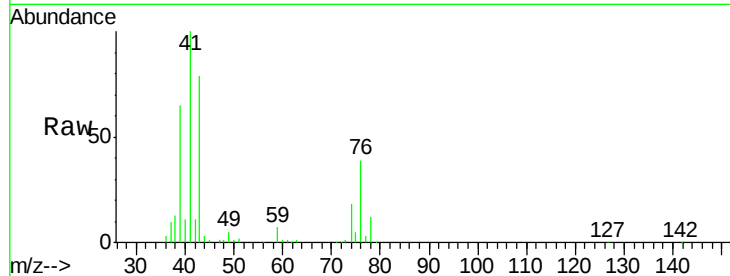
#17
Allvl chloride
Concen: 153.631 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.7	33.8	101.4
76	38.3	19.4	58.4

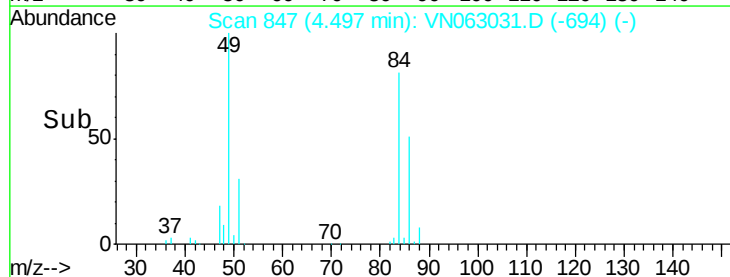
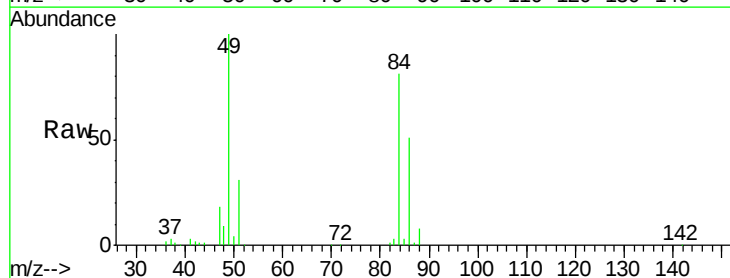
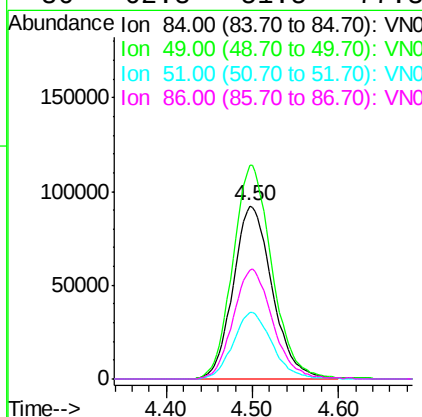
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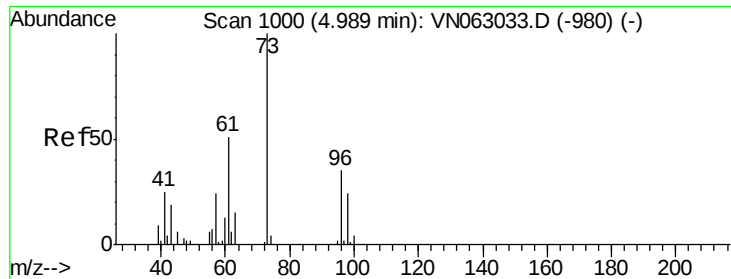
MMDadoda
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#18
Methylene Chloride
Concen: 134.954 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.2	97.8	146.8
51	38.2	30.7	46.1
86	62.8	51.5	77.3





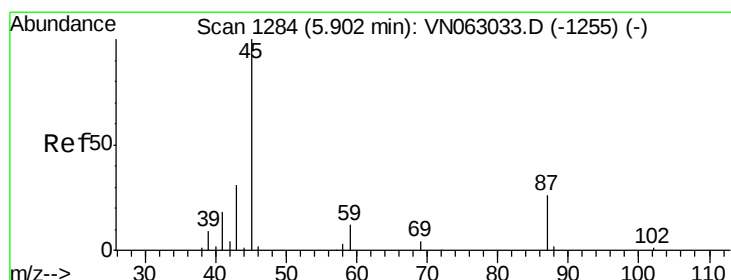
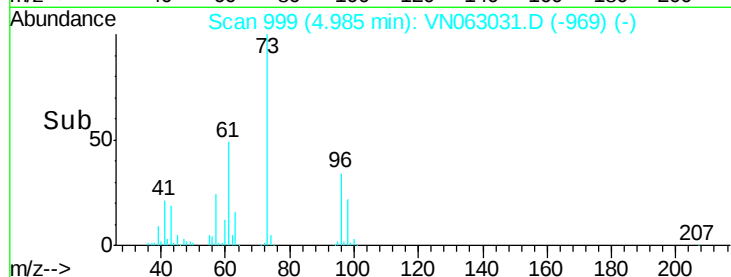
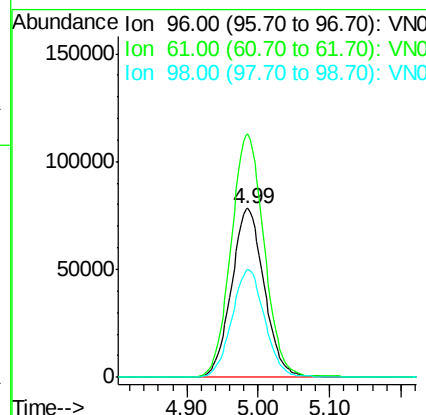
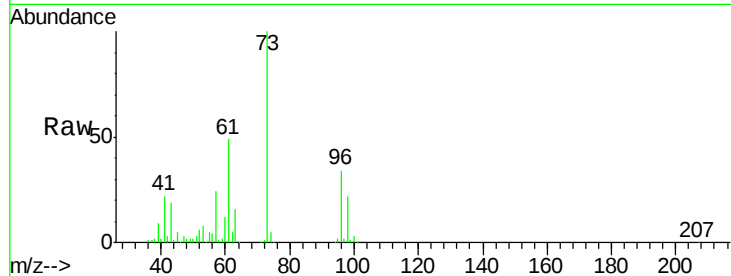
#19
trans-1,2-Dichloroethene
Concen: 147.863 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	115.9	173.9
98	63.9	53.3	79.9

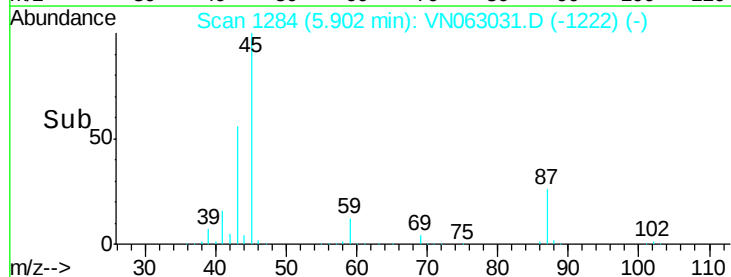
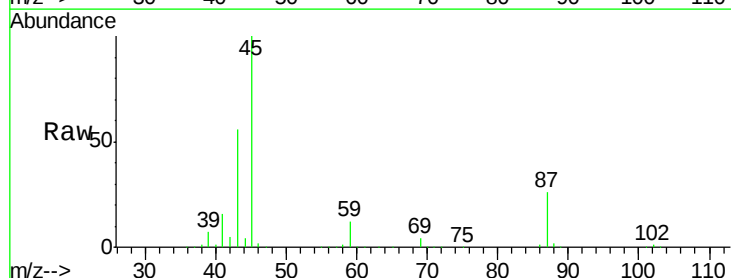
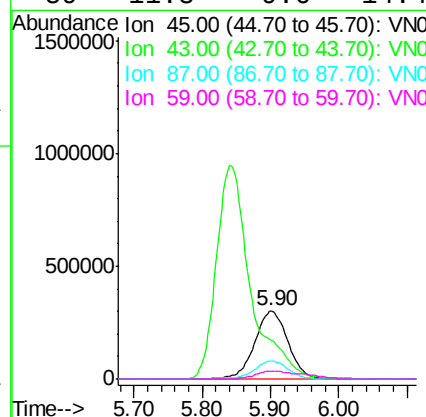
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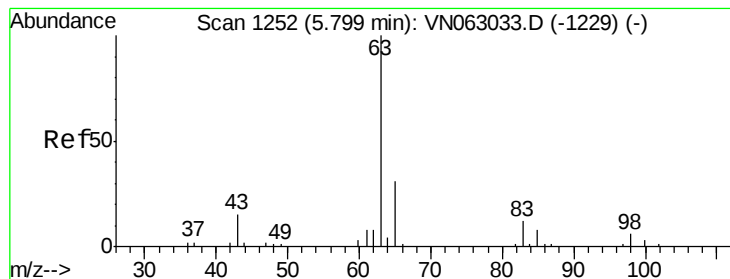
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#20
Diisopropyl ether
Concen: 154.115 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.8	51.8	77.6
87	26.2	21.8	32.6
59	11.8	9.6	14.4





#21

1,1-Dichloroethane

Concen: 145.059 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

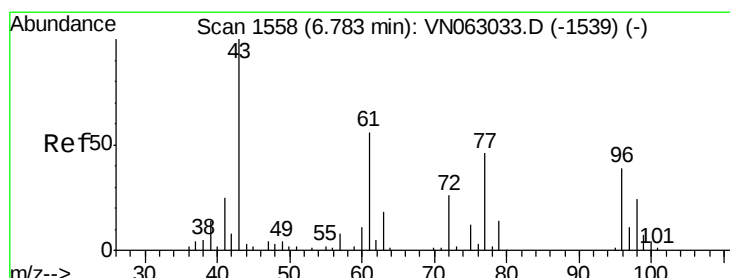
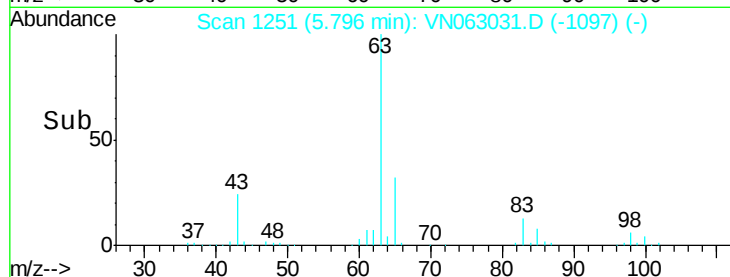
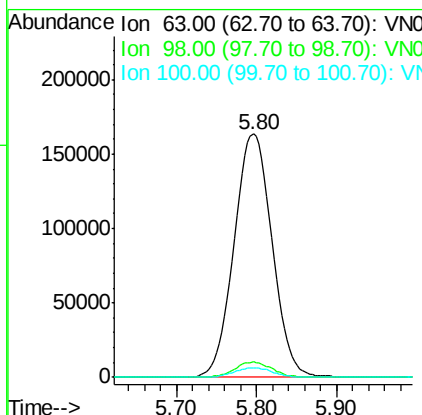
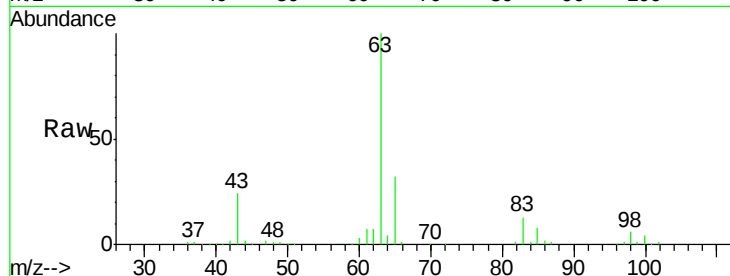
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
63	100	528141		
98	6.3		3.1	9.3
100	3.9		1.8	5.3

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#22

cis-1,2-Dichloroethene

Concen: 150.633 ug/l

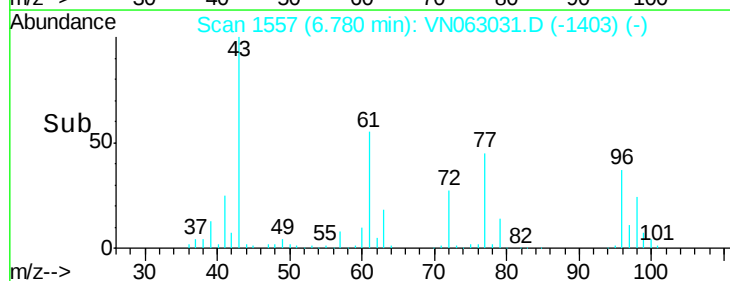
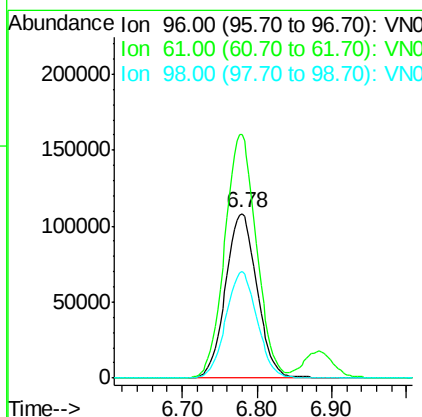
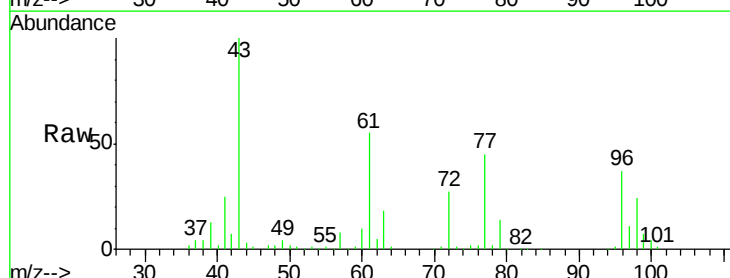
RT: 6.78 min Scan# 1557

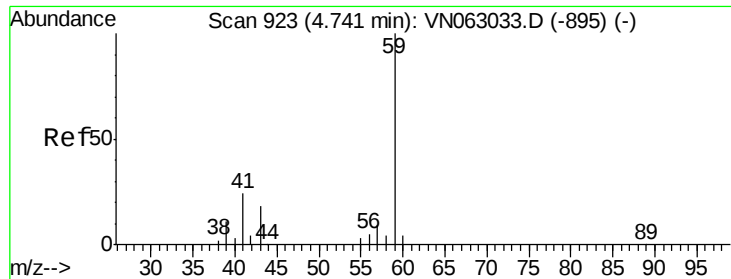
Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	316861		
61	148.5		120.9	181.3
98	64.5		50.3	75.5





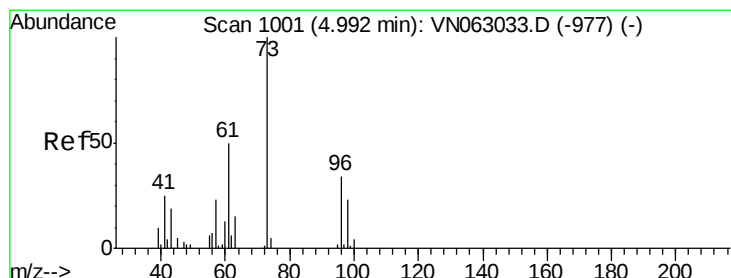
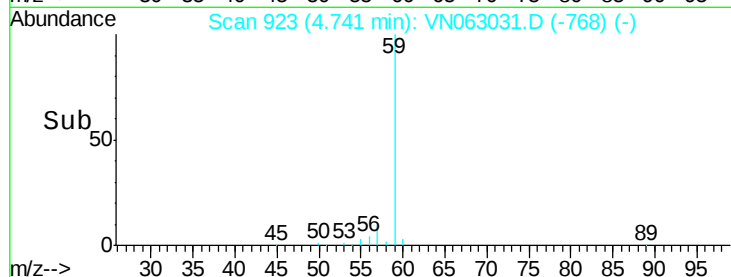
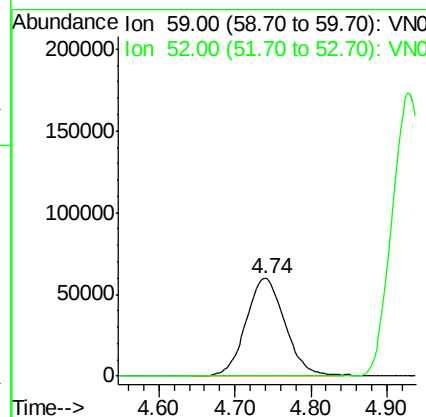
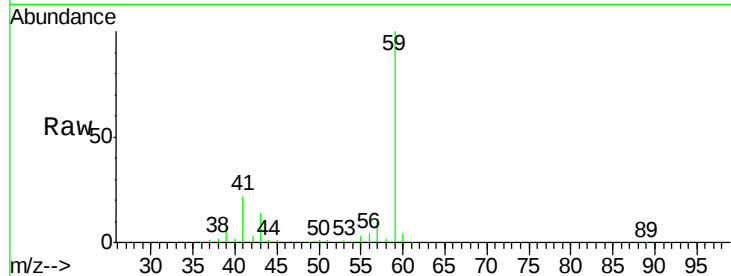
#23
 tert-Butyl Alcohol
 Concen: 726.106 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

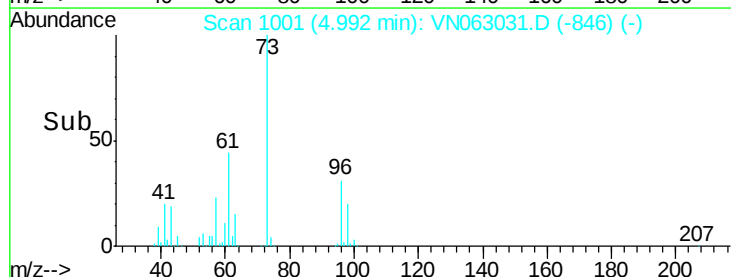
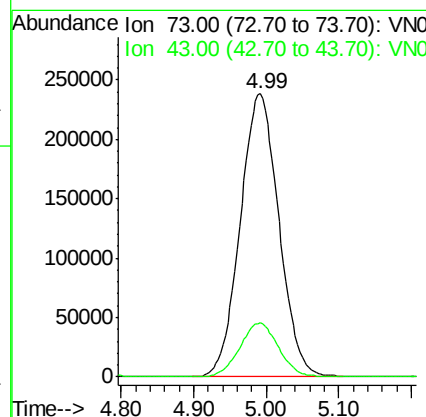
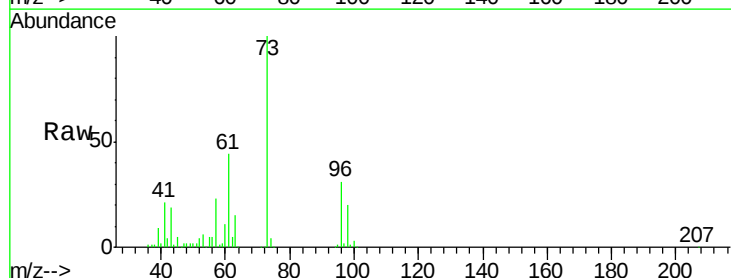
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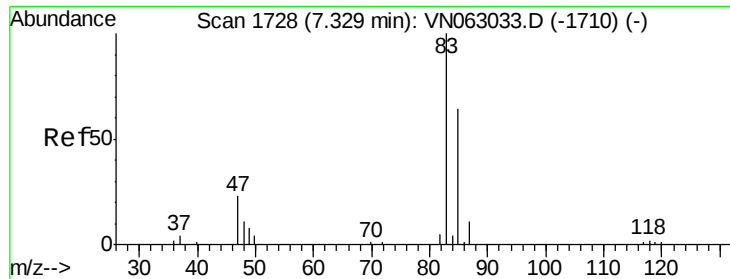
MMDadoda
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#24
 Methyl tert-Butyl Ether
 Concen: 156.107 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.8	15.8	23.6





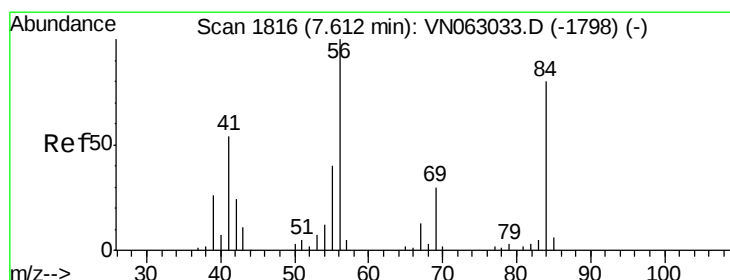
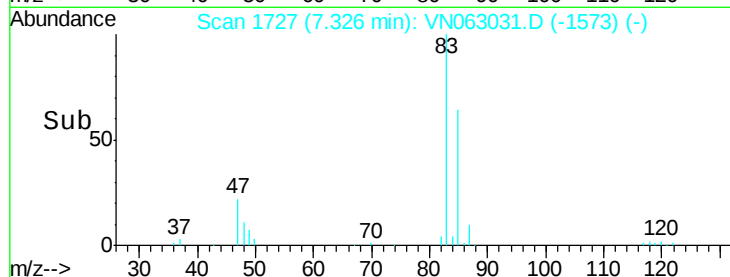
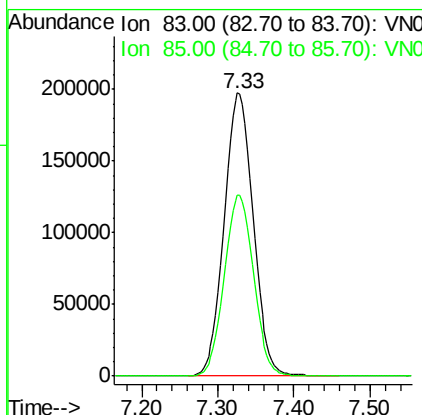
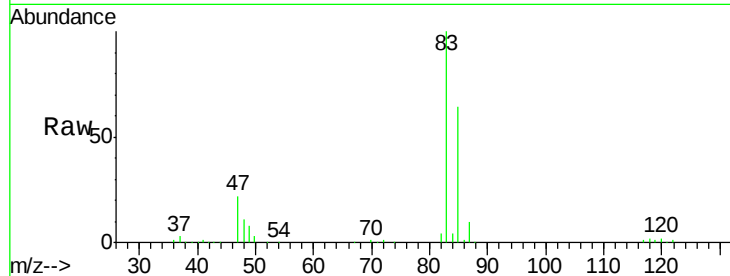
#25
Chloroform
Concen: 145.607 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	527957
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.0	76.4

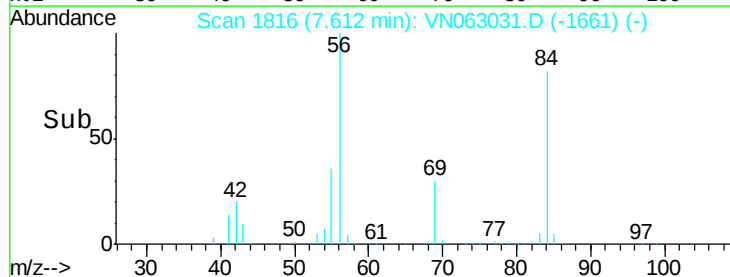
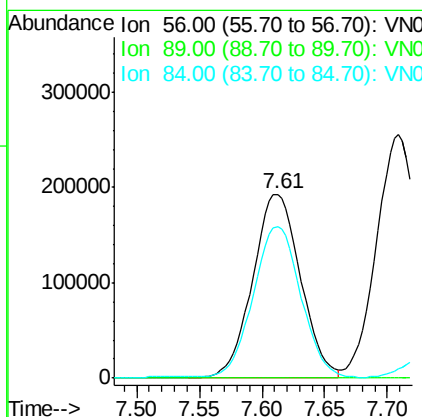
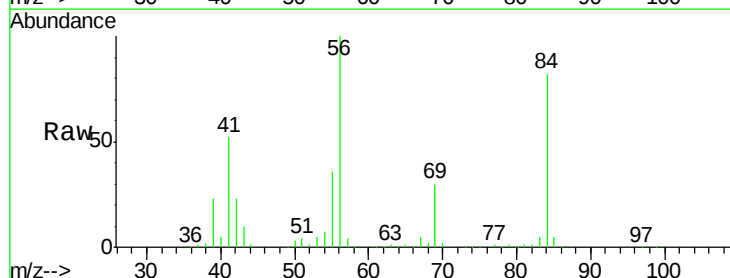
Manual Integrations
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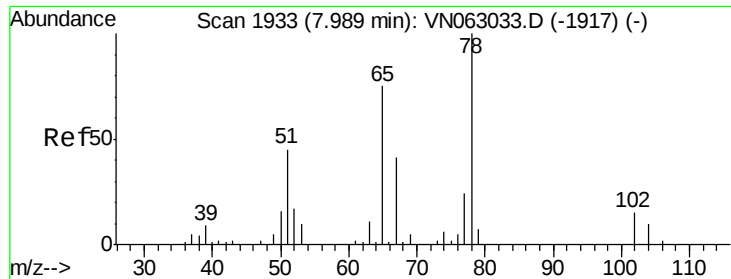
MMDadoda
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#26
Cyclohexane
Concen: 162.958 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	56	Resp	510751
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	82.7	65.0	97.4





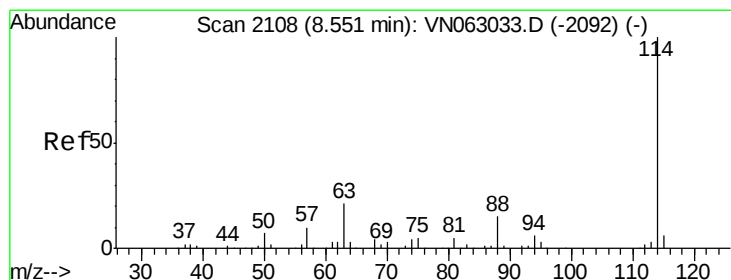
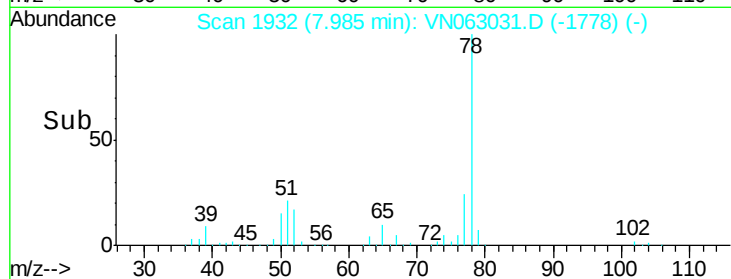
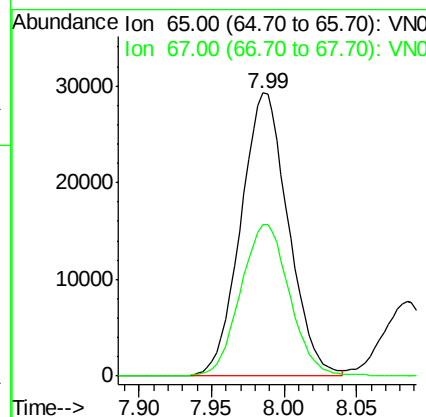
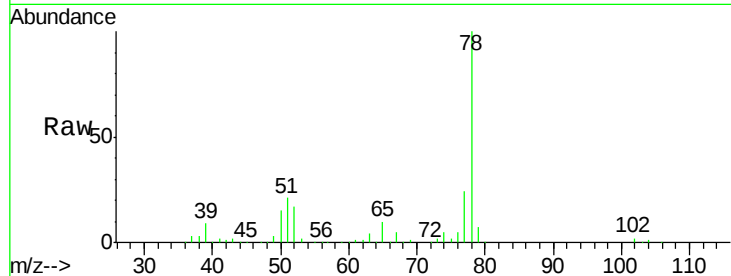
#27
 1,2-Dichloroethane-d4
 Concen: 28.541 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	43.8	65.6

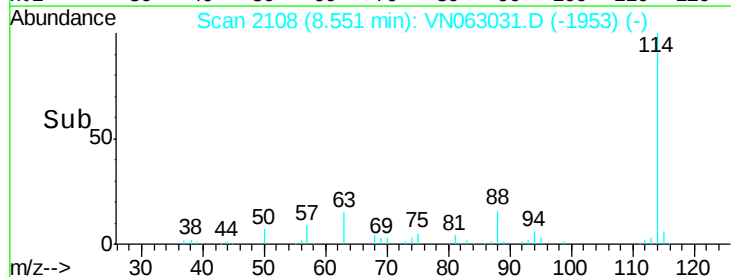
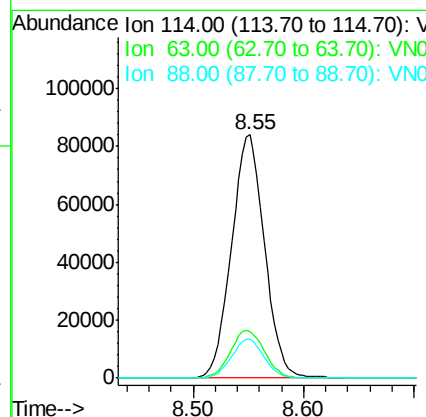
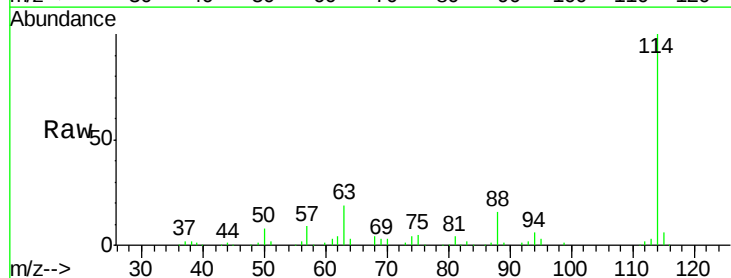
Manual Integrations
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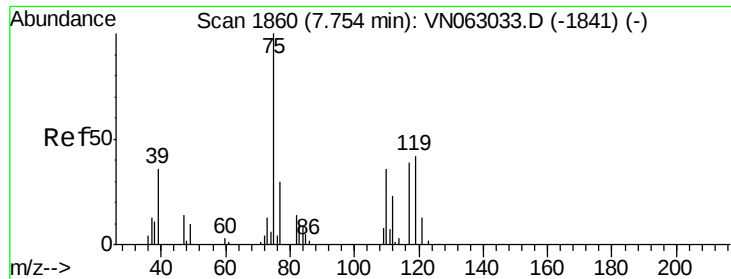
MMDadoda
 8/21/2020 9:22:11 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	17.0	25.6
88	15.7	12.6	18.8





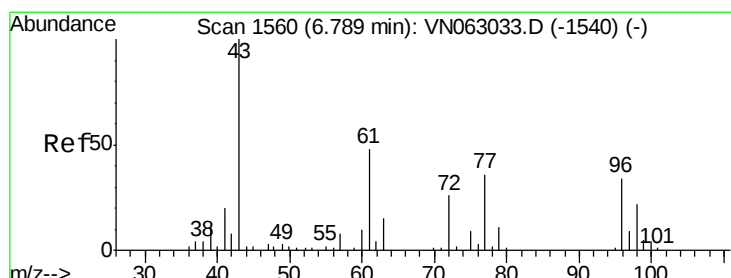
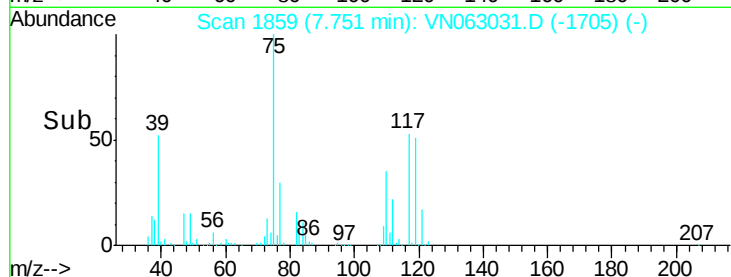
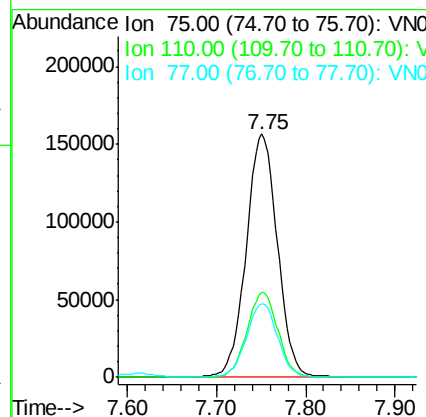
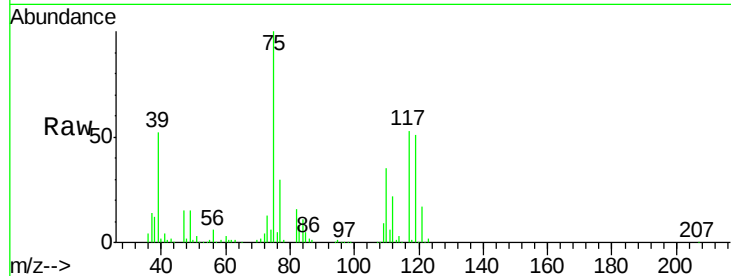
#29
 1,1-Dichloropropene
 Concen: 150.005 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	34.6	0.0	70.6
77	30.5	0.0	60.2

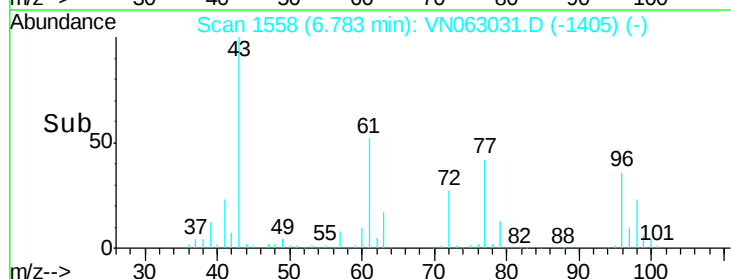
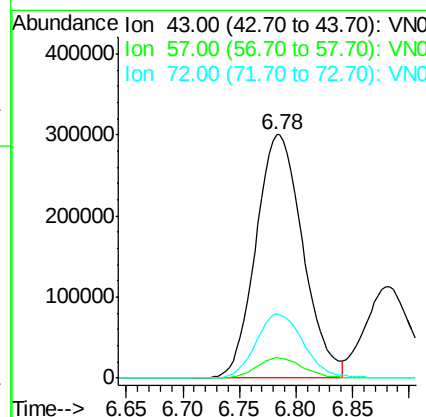
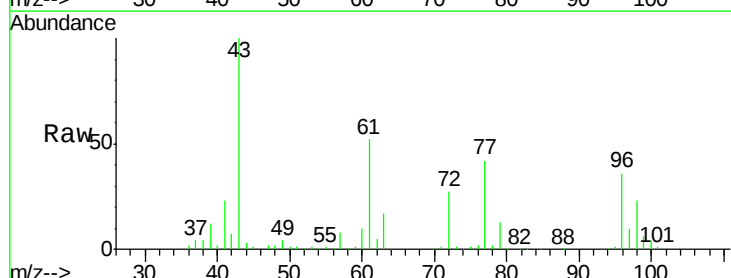
Manual Integrations
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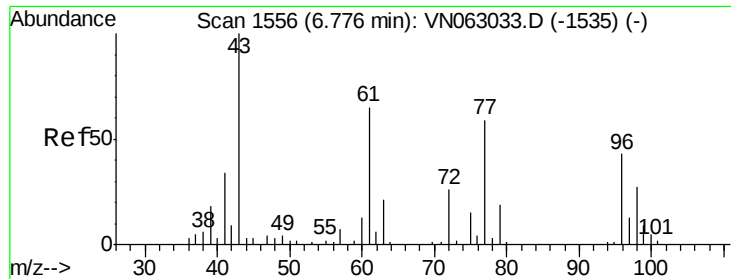
MMDadoda
 8/21/2020 9:22:11 AM



#30
 2-Butanone
 Concen: 732.185 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.6	9.8
72	27.0	21.3	31.9





#31

2,2-Dichloropropane

Concen: 141.331 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 435415

Ion Ratio Lower Upper

77 100

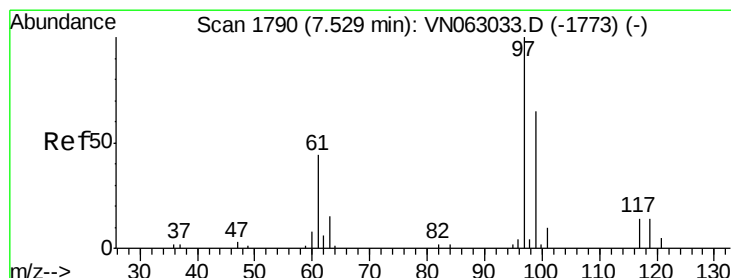
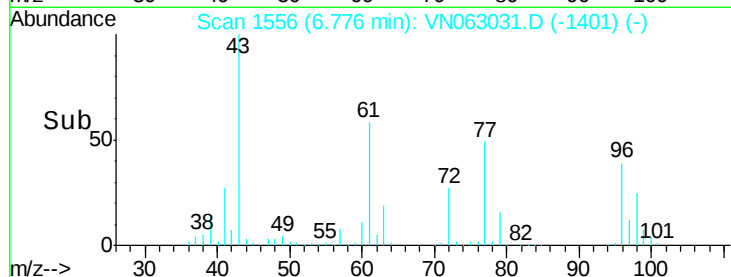
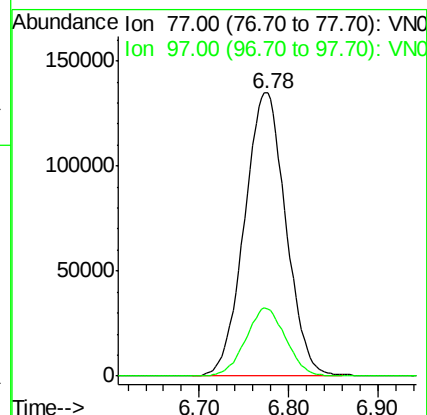
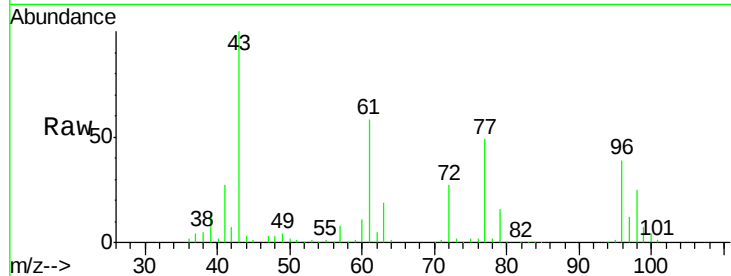
97 23.3 18.2 27.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 142.523 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

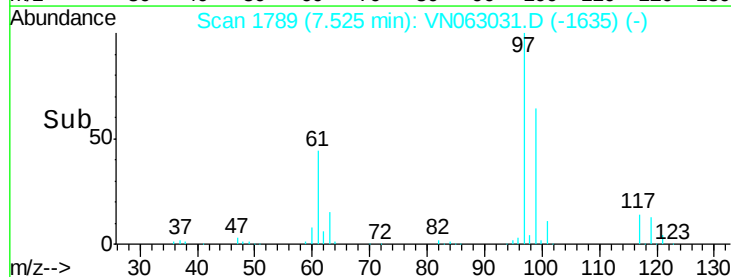
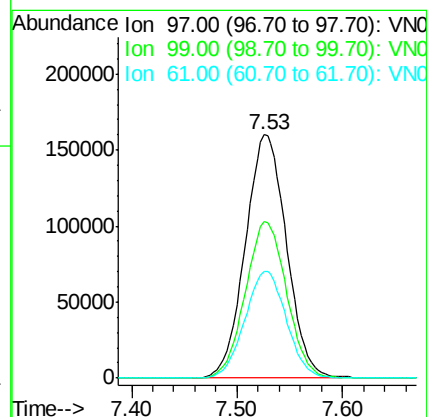
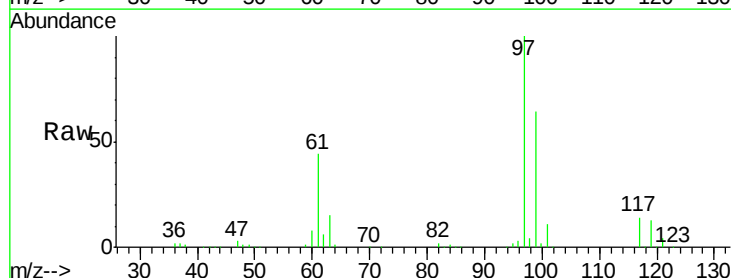
Tgt Ion: 97 Resp: 435084

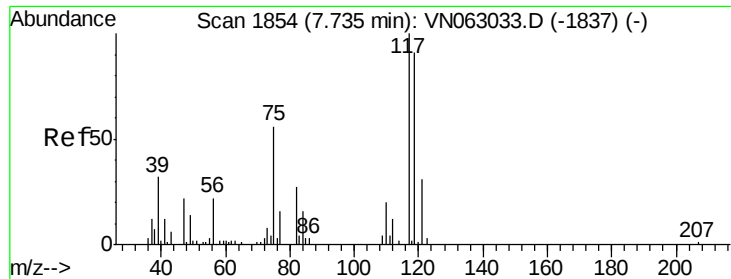
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 44.1 35.3 52.9





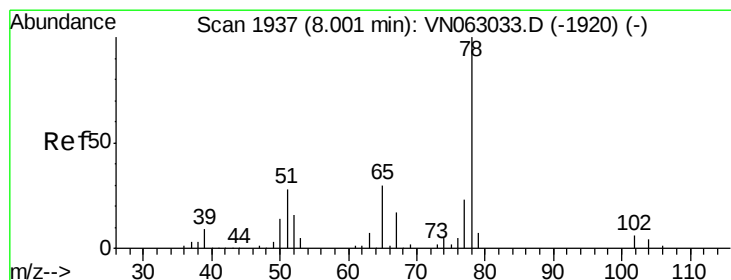
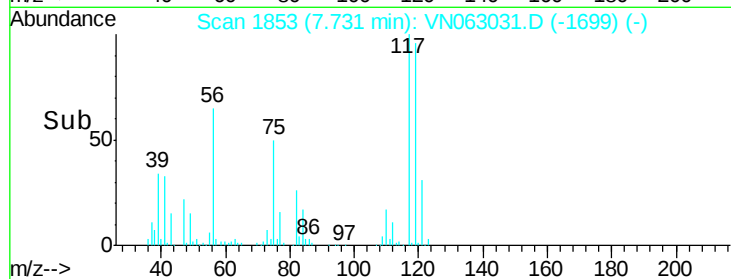
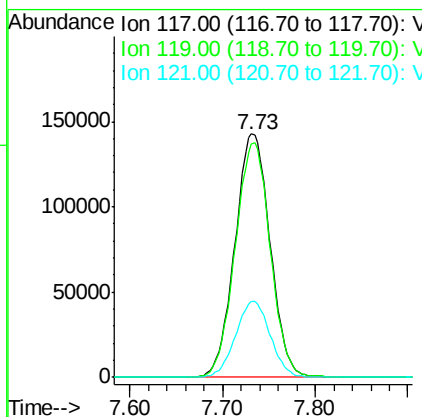
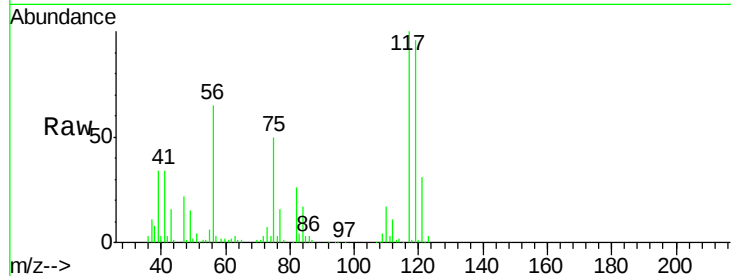
#33
Carbon Tetrachloride
Concen: 144.634 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	73.0	109.4
121	31.4	24.9	37.3

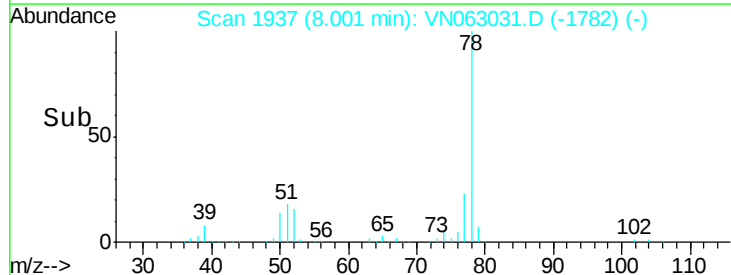
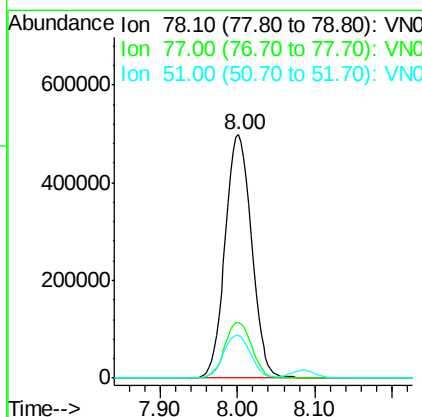
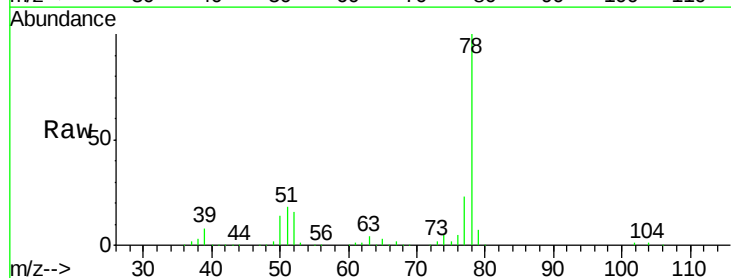
Manual Integrations
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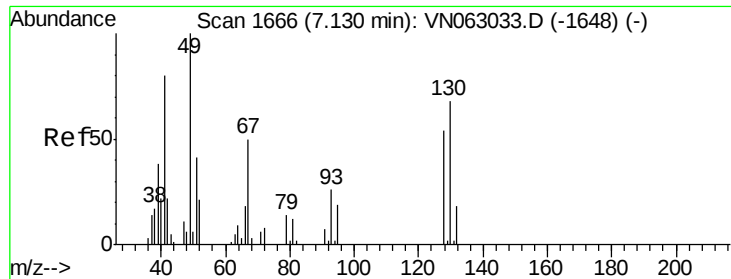
MMDadoda
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#34
Benzene
Concen: 145.664 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	27.8
51	17.5	22.2	33.2#





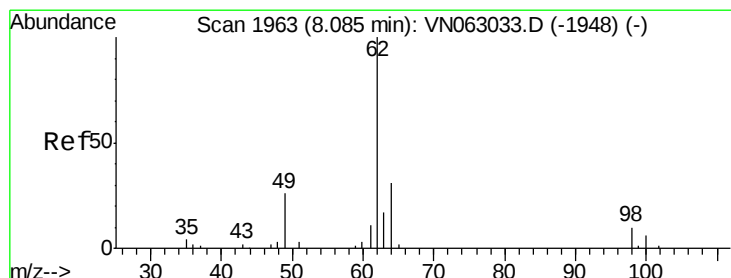
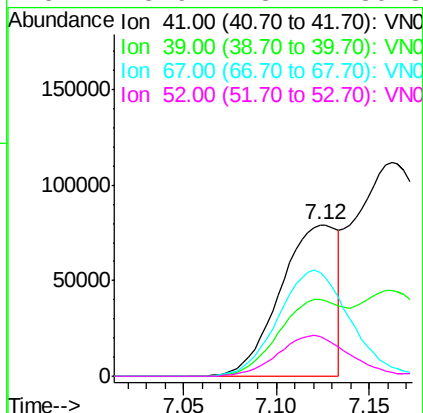
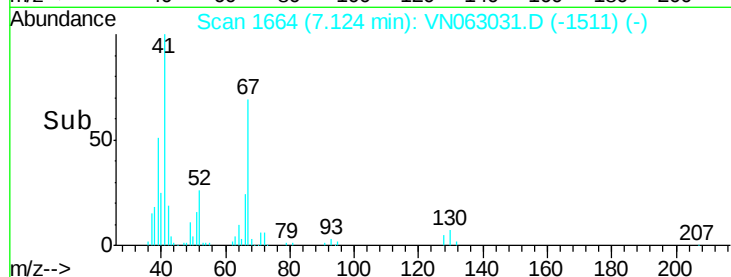
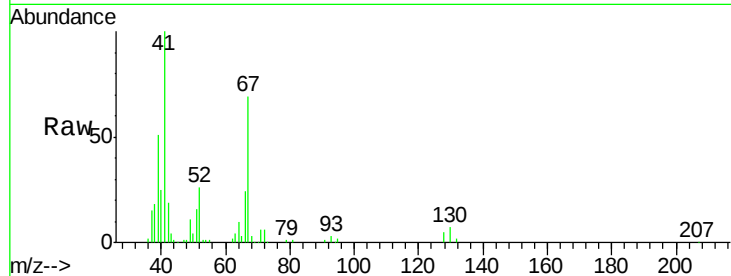
#35
Methacrylonitrile
Concen: 153.765 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	169405
Ion	Ratio	Lower	Upper
41	100		
39	51.1	23.7	71.1
67	68.9	31.6	94.7
52	25.9	13.1	39.3

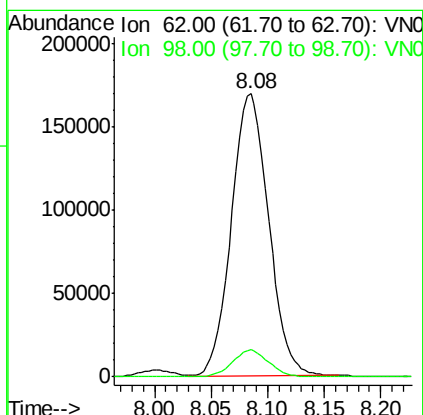
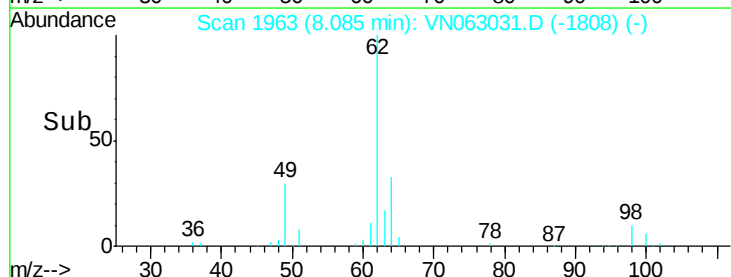
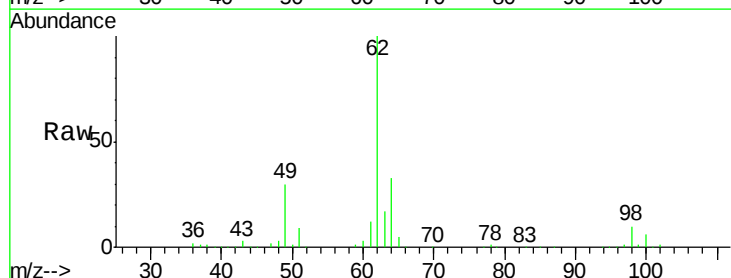
Manual Integrations
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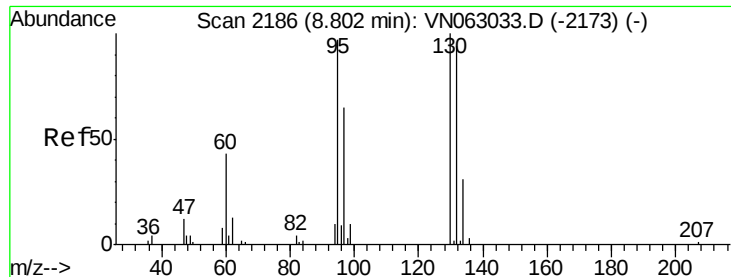
MMDadoda
8/21/2020 9:22:11 AM



#36
1,2-Dichloroethane
Concen: 140.424 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	62	Resp	389123
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.6	11.4





#37

Trichloroethene

Concen: 145.996 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 290409

Ion Ratio Lower Upper

130 100

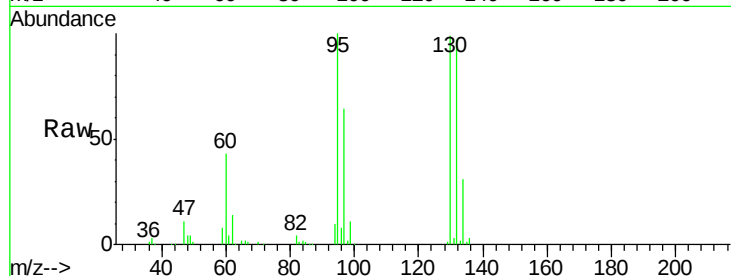
95 101.3 78.9 118.3

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

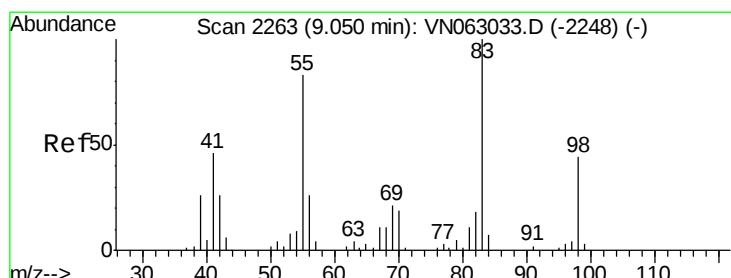
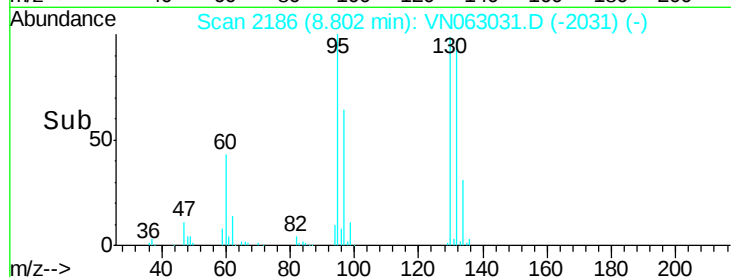
150000

100000

50000

0

Time--> 8.70 8.80 8.90



#38

Methylcyclohexane

Concen: 163.568 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

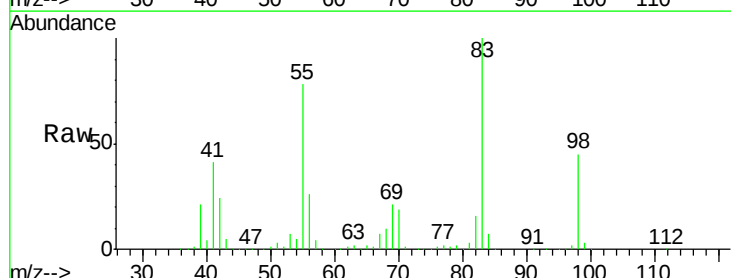
Tgt Ion: 83 Resp: 520003

Ion Ratio Lower Upper

83 100

55 78.7 41.9 125.7

98 44.3 22.2 66.6



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

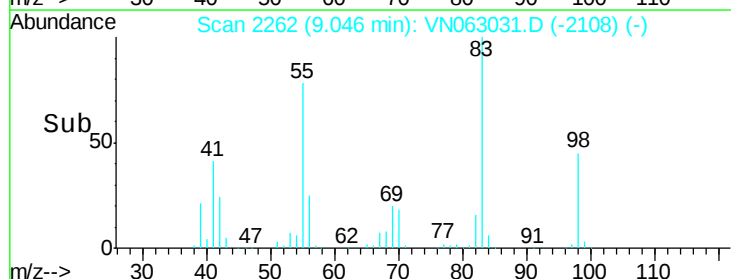
300000

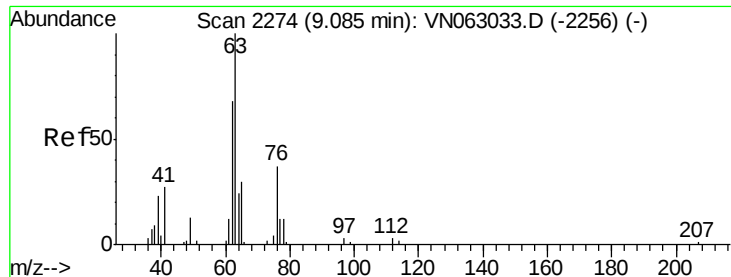
200000

100000

0

Time--> 9.00 9.10





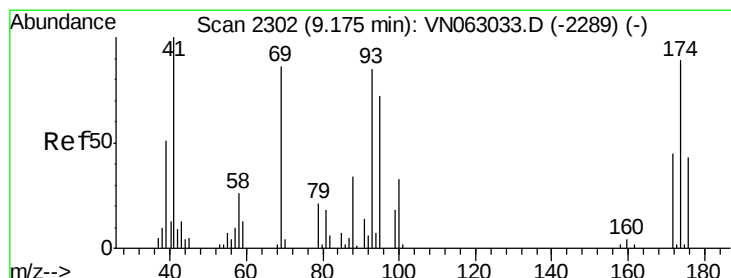
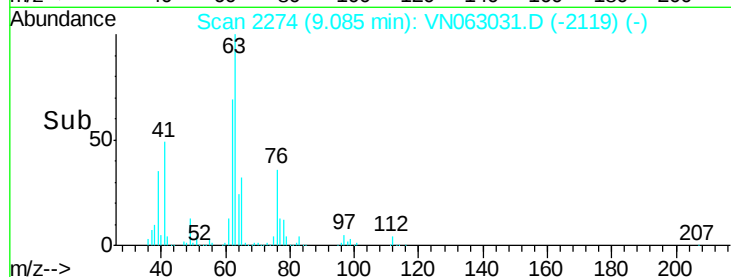
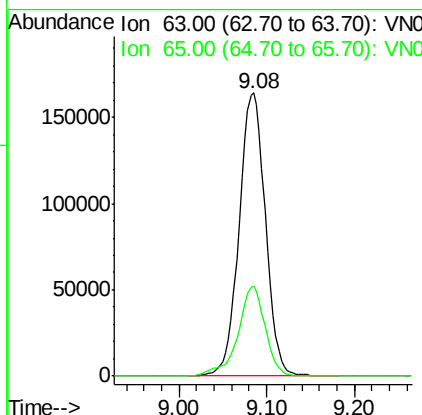
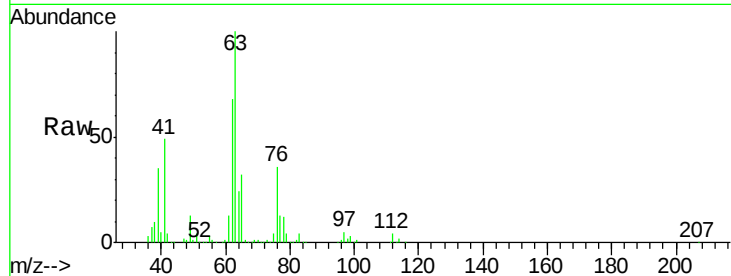
#39
 1,2-Dichloropropane
 Concen: 145.149 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.1	37.7

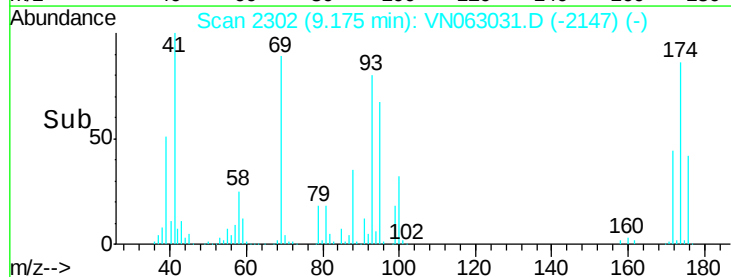
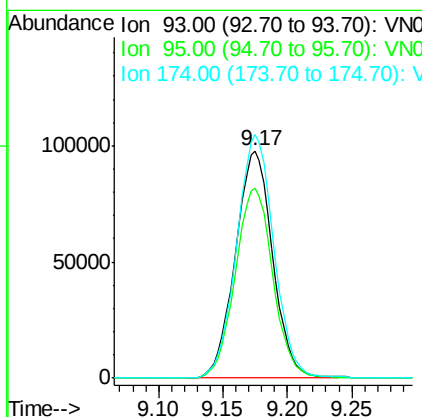
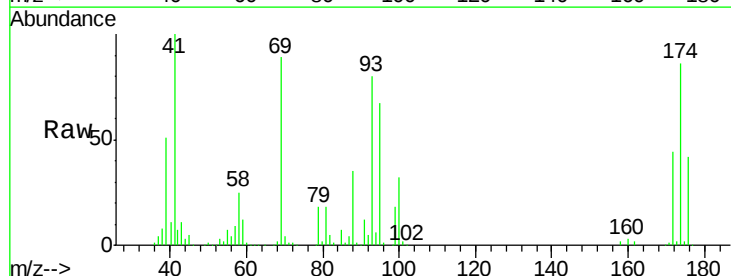
Manual Integrations
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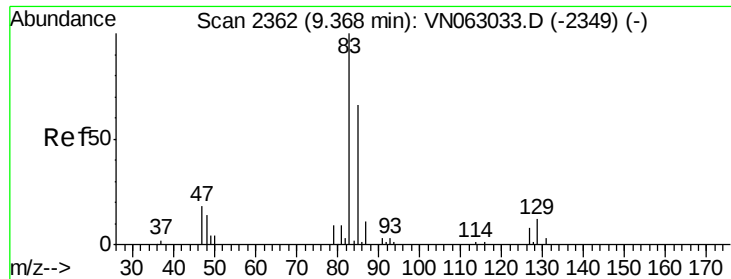
MMDadoda
 8/21/2020 9:22:11 AM



#40
 Dibromomethane
 Concen: 143.249 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	0.0	168.2
174	107.4	0.0	208.4





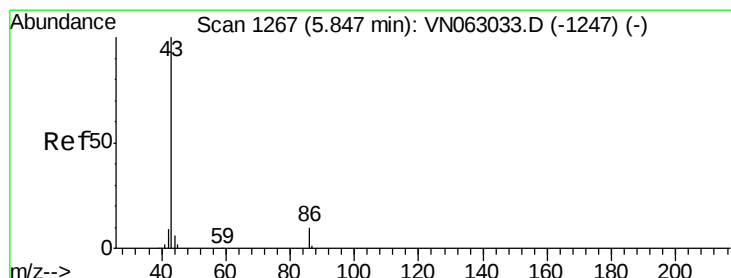
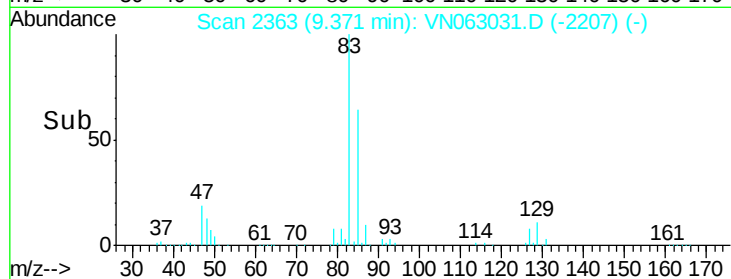
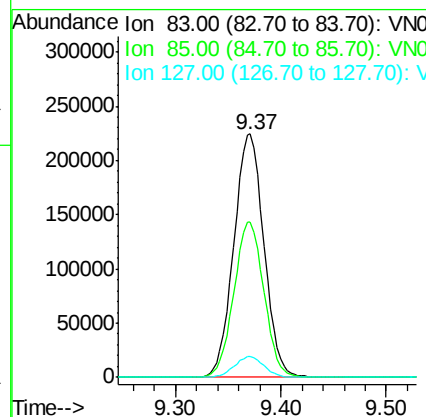
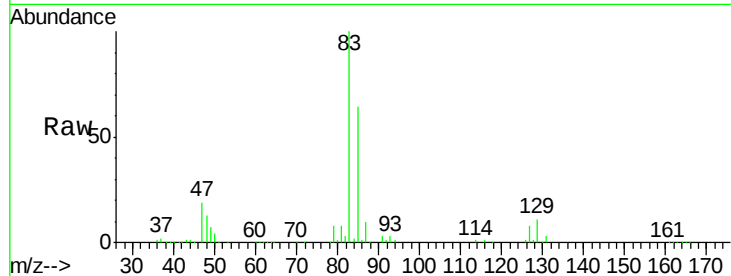
#41
Bromodichloromethane
Concen: 145.841 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	443573
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	52.6	79.0
127	8.5	7.4	11.0

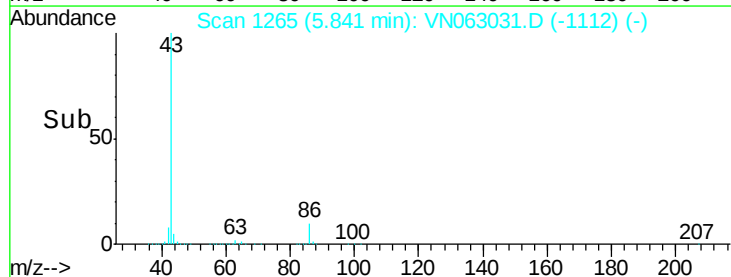
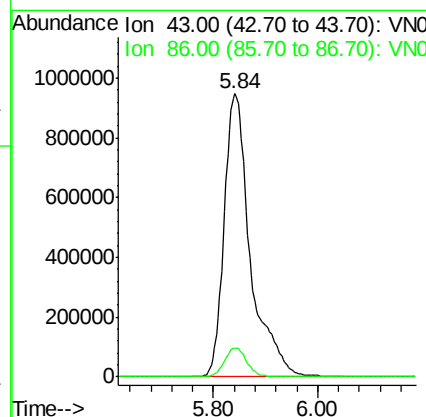
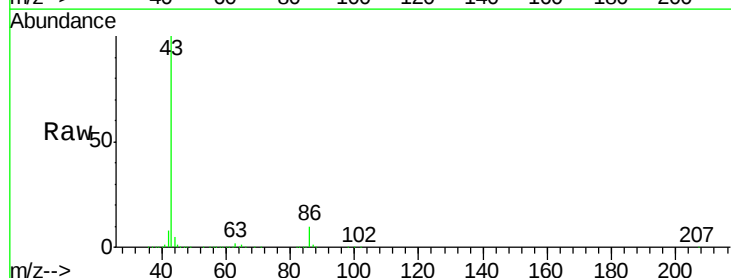
Manual Integrations
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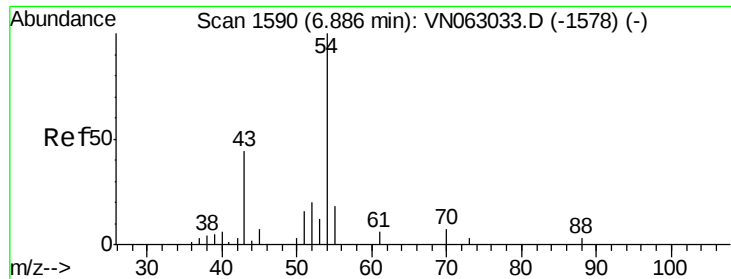
MMDadoda
8/21/2020 9:22:11 AM



#42
Vinyl Acetate
Concen: 742.210 ug/l
RT: 5.84 min Scan# 1265
Delta R.T. -0.01 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	43	Resp	3321585
Ion Ratio	100	Lower	Upper
43	100		
86	8.7	6.7	10.1





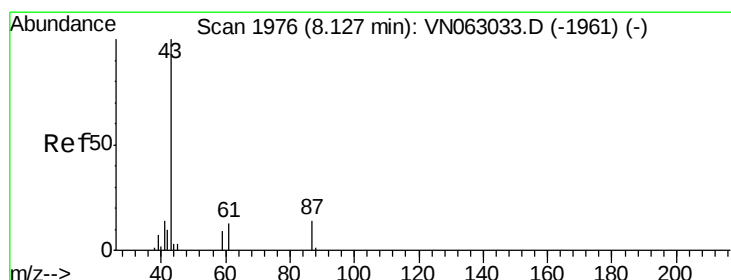
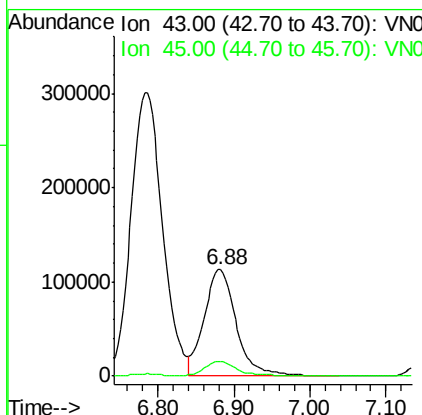
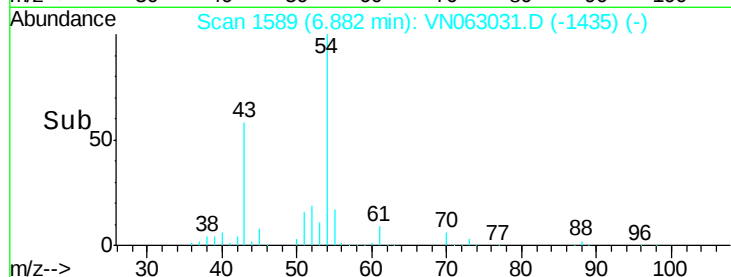
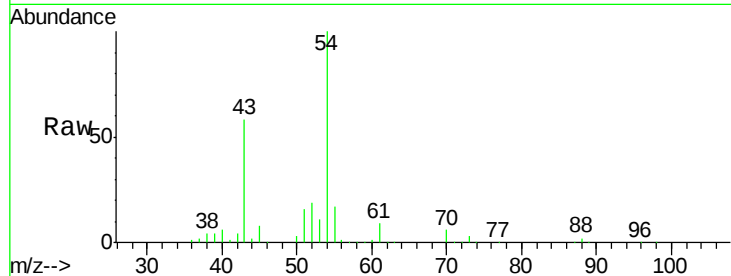
#43
Ethyl Acetate
Concen: 145.597 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 328300
Ion Ratio Lower Upper
43 100
45 14.3 11.3 16.9

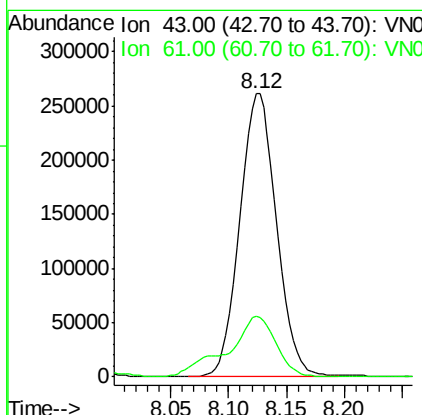
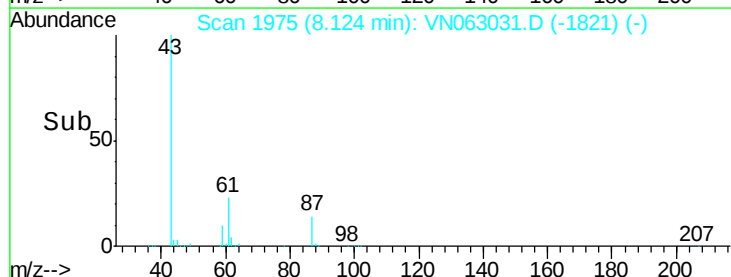
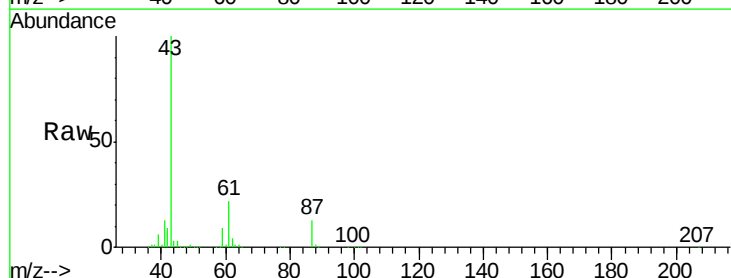
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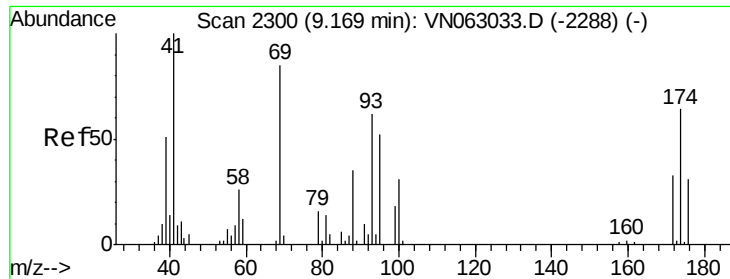
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#44
Isopropyl Acetate
Concen: 151.842 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion: 43 Resp: 574775
Ion Ratio Lower Upper
43 100
61 20.5 17.5 26.3





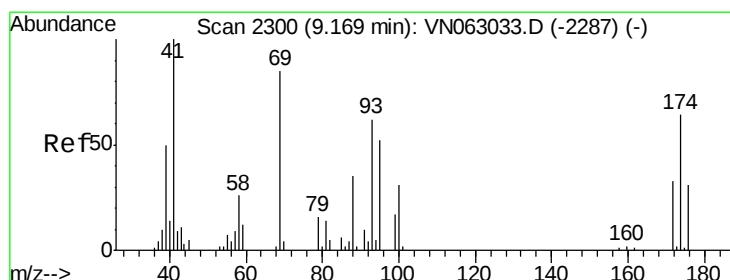
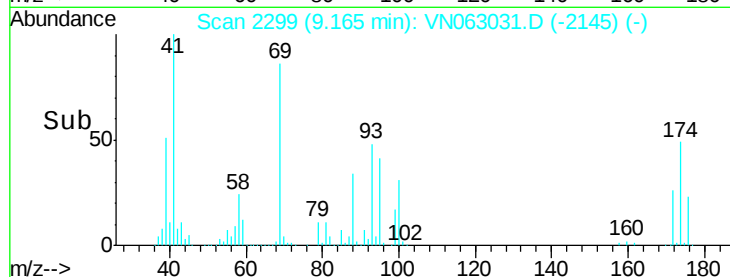
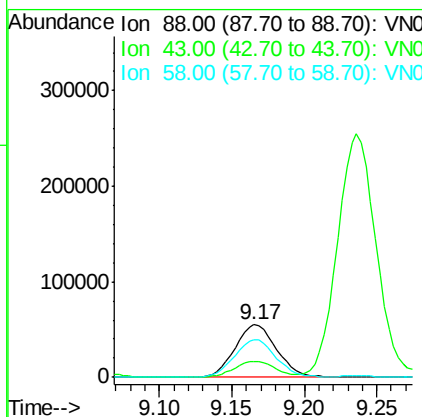
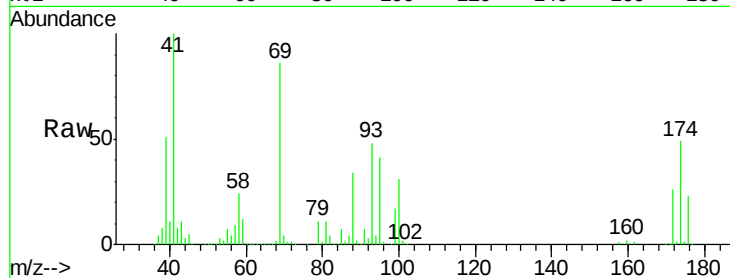
#45
 1,4-Dioxane
 Concen: 3110.832 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	30.1	28.5	42.7	
58	71.7	59.6	89.4	

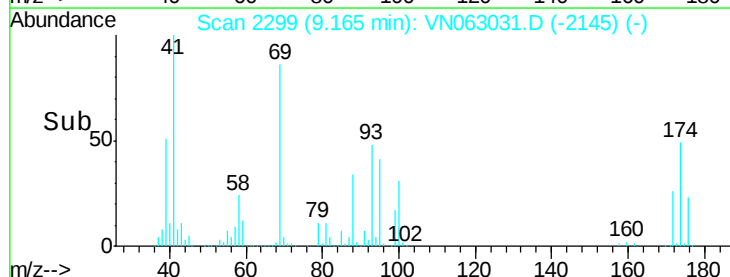
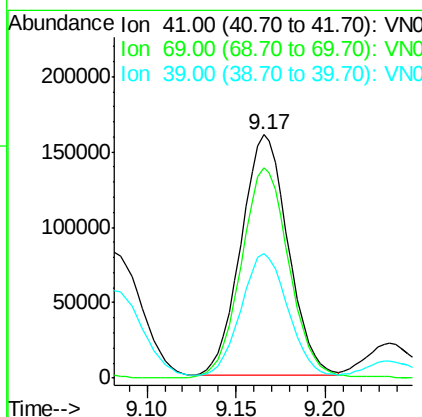
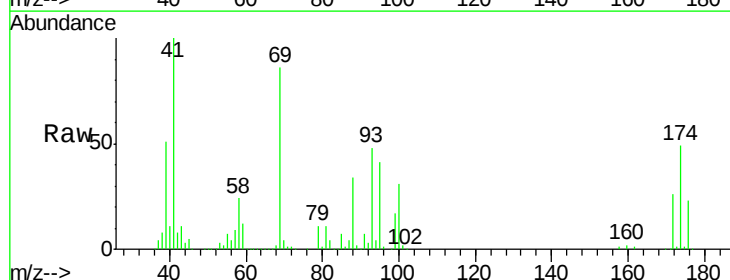
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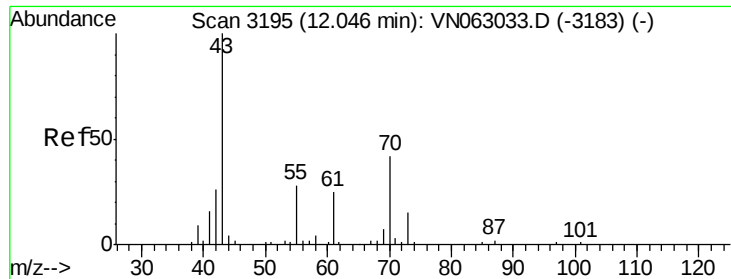
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 8/21/2020 9:22:11 AM



#46
 Methyl methacrylate
 Concen: 157.441 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	87.3	42.6	128.0	
39	50.5	25.1	75.4	





#47

n-amvl Acetate

Concen: 166.763 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 560278

Ion Ratio Lower Upper

43 100

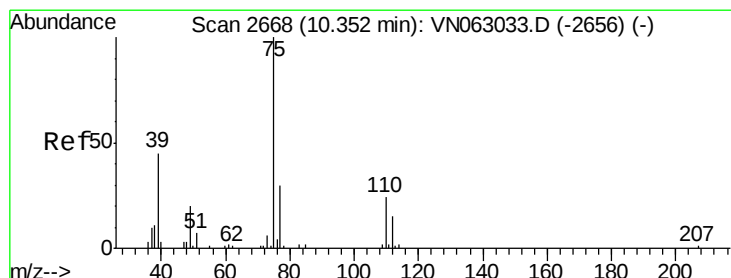
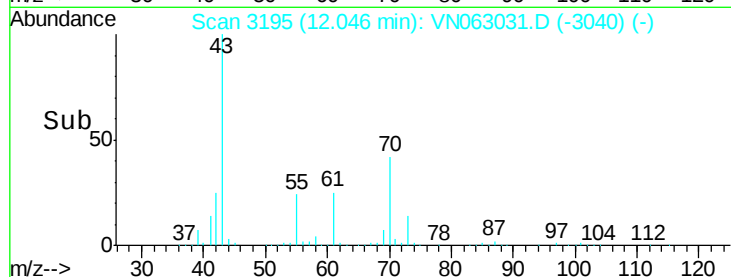
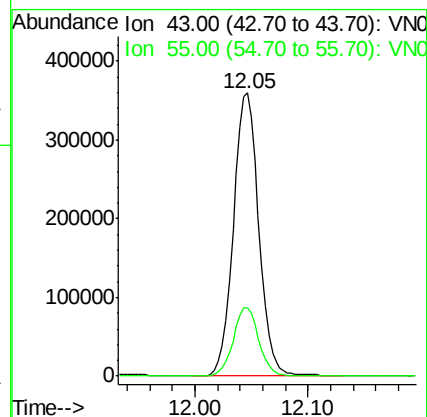
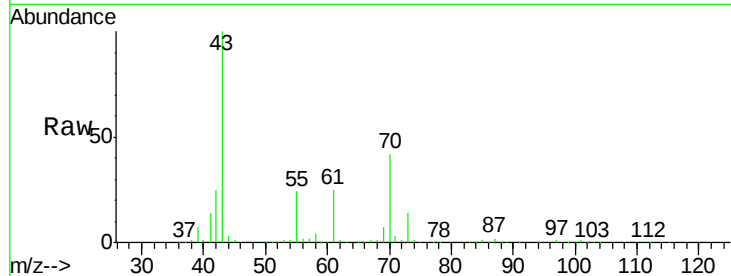
55 24.5 21.2 31.8

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 154.455 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063031.D

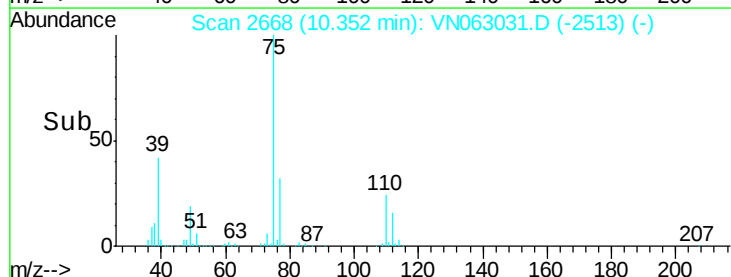
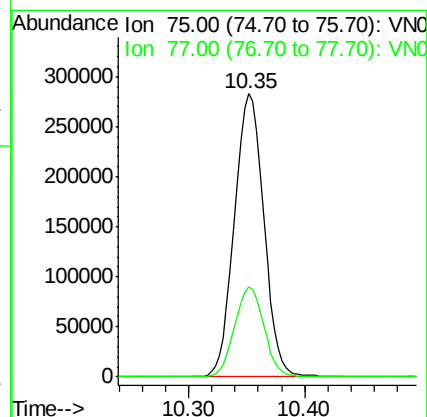
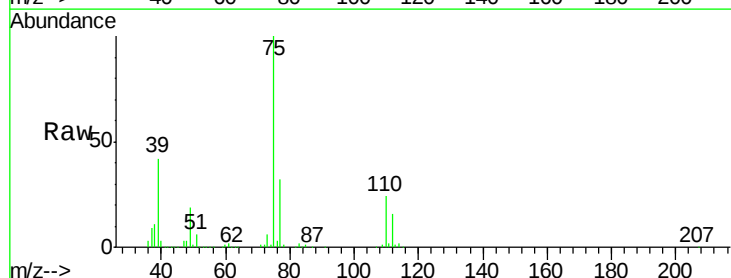
Acq: 20 Aug 2020 11:48

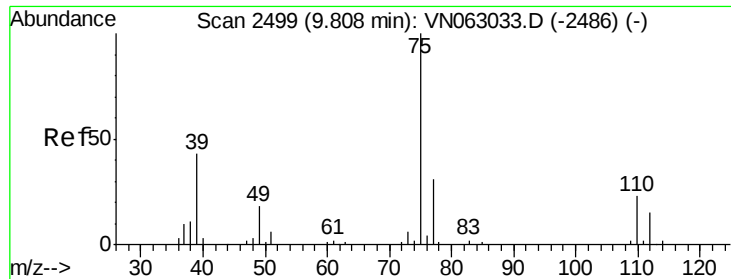
Tgt Ion: 75 Resp: 496143

Ion Ratio Lower Upper

75 100

77 31.8 23.8 35.8





#49

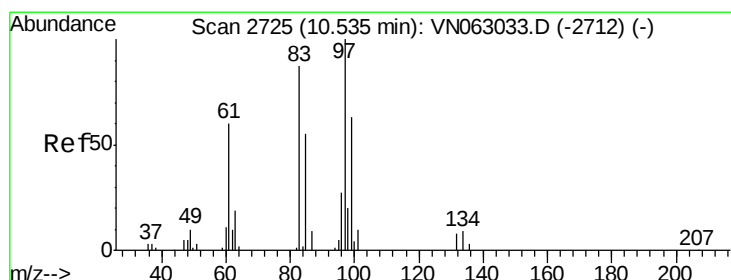
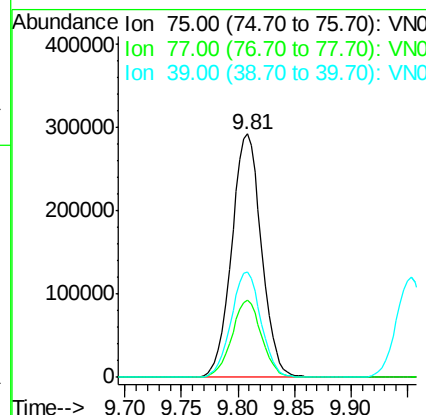
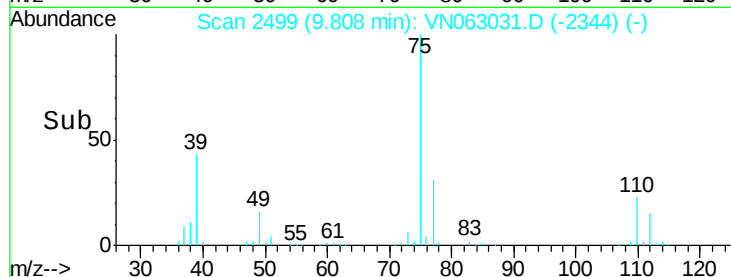
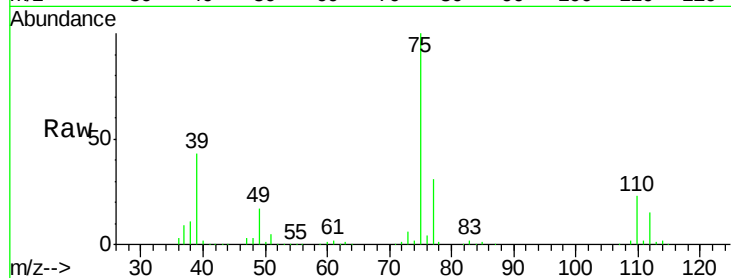
cis-1,3-Dichloropropene
Concen: 153.450 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	43.3	34.5	51.7

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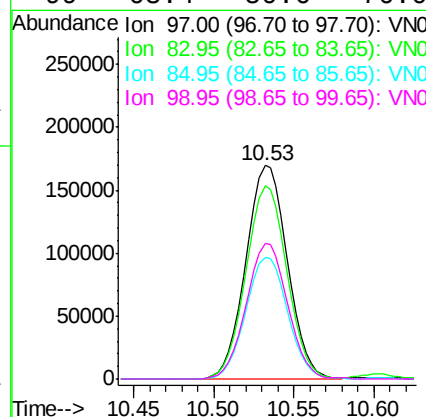
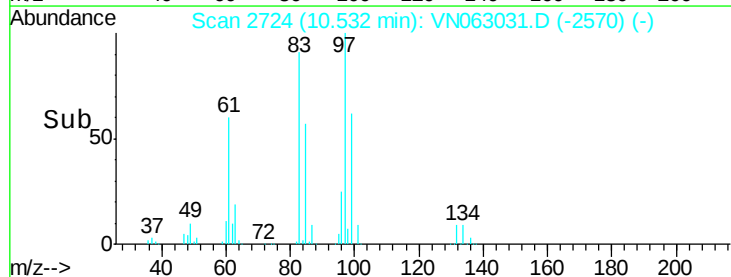
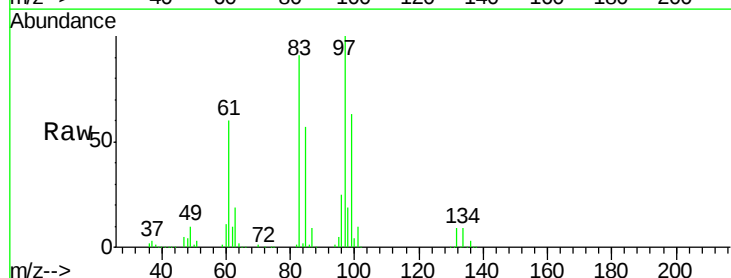
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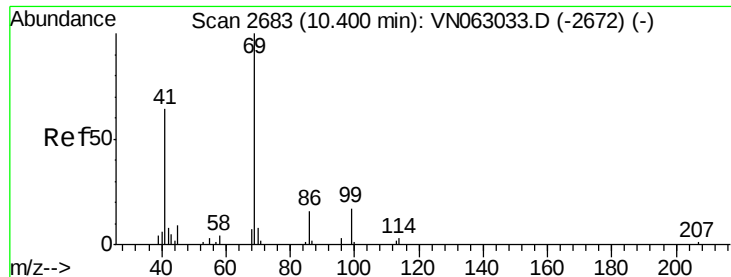


#50

1,1,2-Trichloroethane
Concen: 141.922 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.9	104.9
85	57.2	44.0	66.0
99	63.4	50.6	76.0





#51

Ethyl methacrylate

Concen: 163.910 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

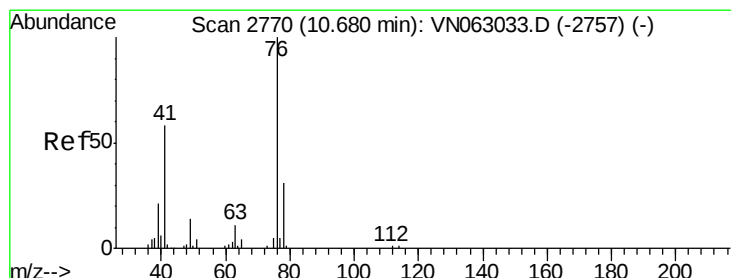
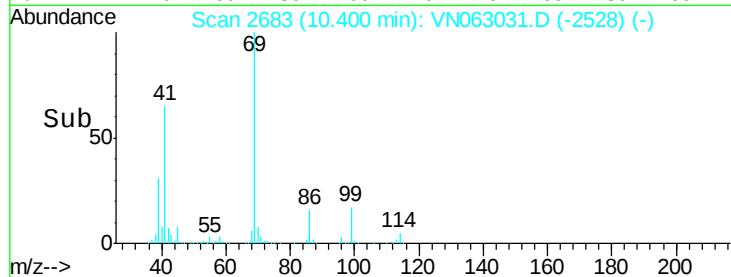
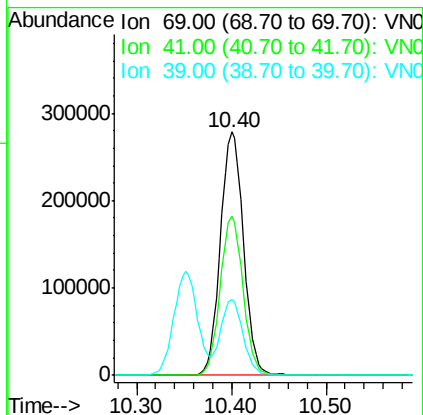
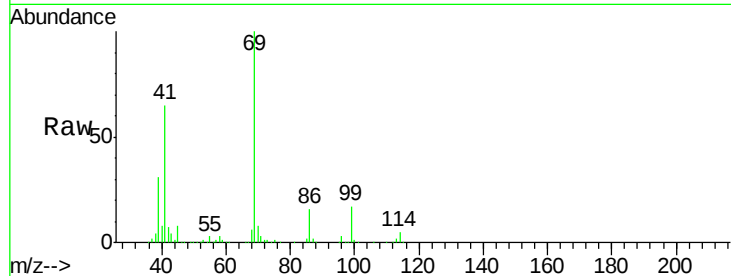
ClientSampled :

VSTDIC150

Tot Ion:	69	Resp:	471919
Ion	Ratio	Lower	Upper
69	100		
41	65.1	32.1	96.5
39	31.0	16.1	48.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 147.228 ug/l

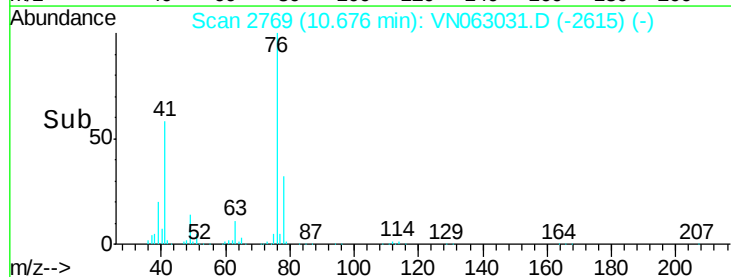
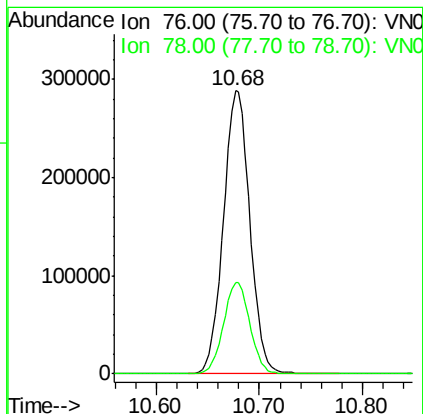
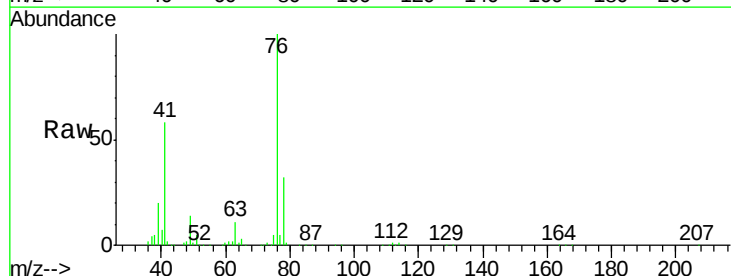
RT: 10.68 min Scan# 2769

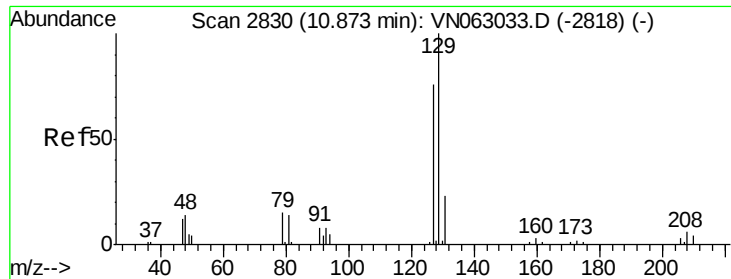
Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Tgt Ion:	76	Resp:	514742
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	63.2





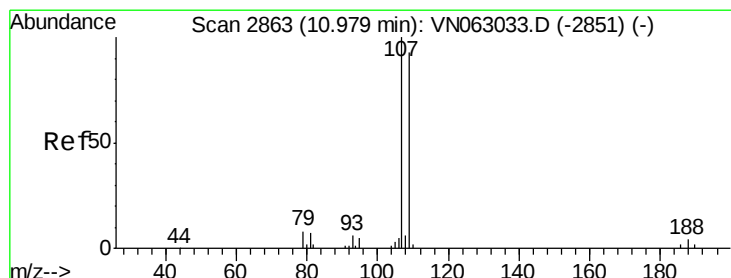
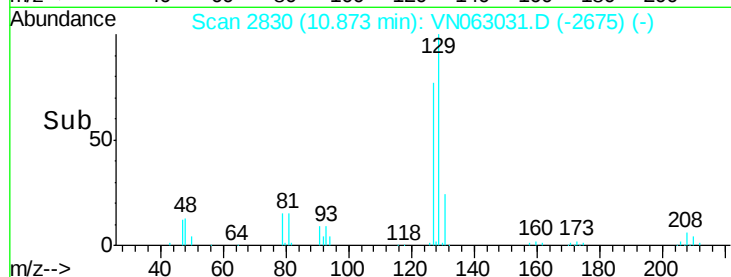
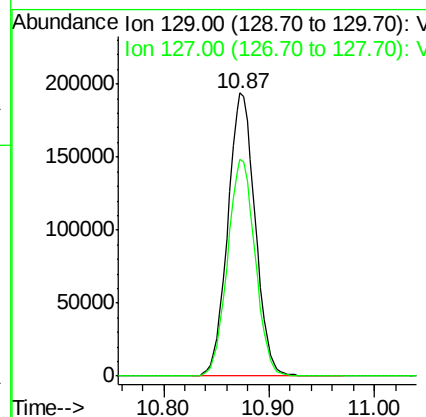
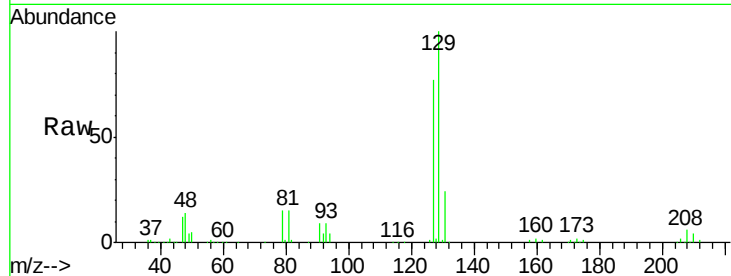
#53
 Dibromochloromethane
 Concen: 149.506 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.7	116.1

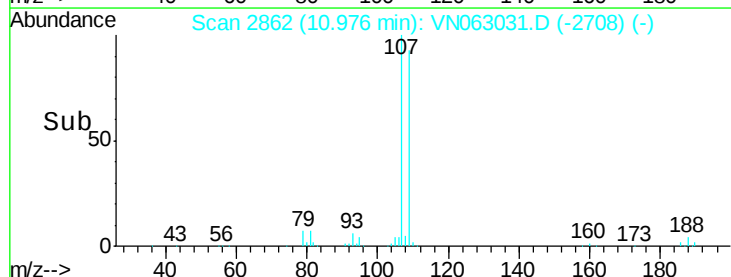
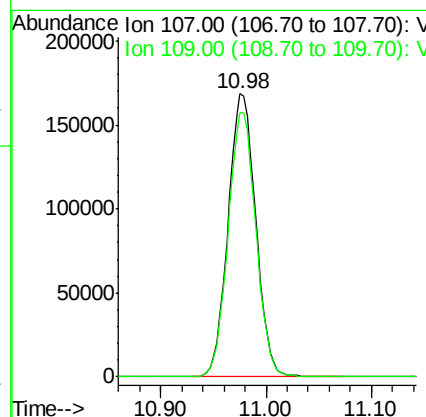
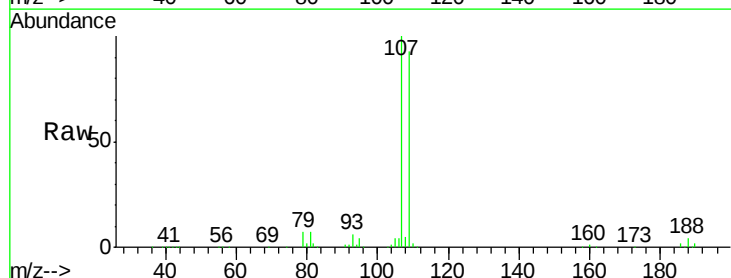
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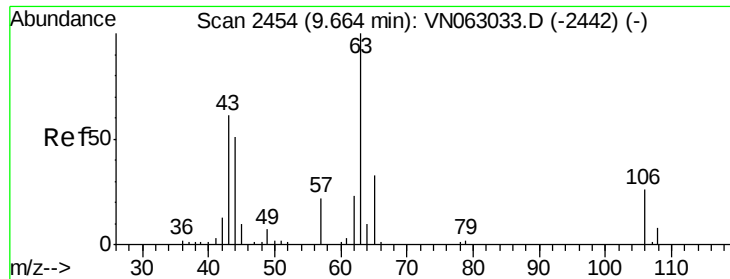
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#54
 1,2-Dibromoethane
 Concen: 150.285 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.3	114.5





#55

2-Chloroethyl vinyl ether

Concen: 949.522 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

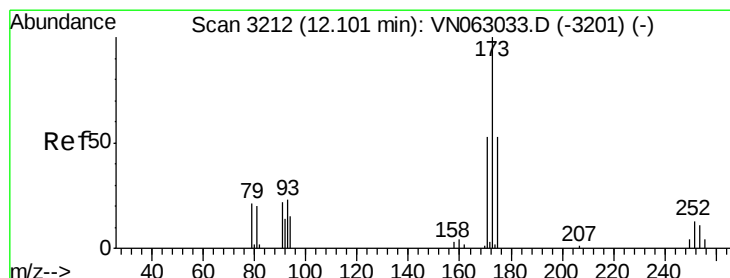
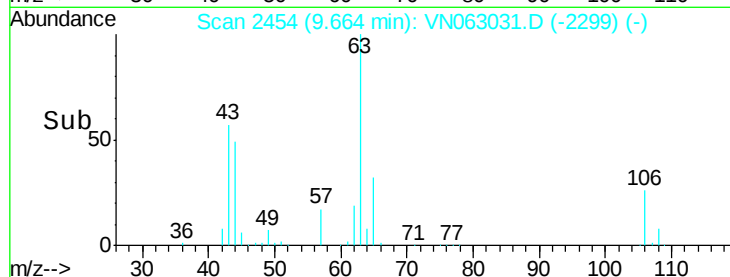
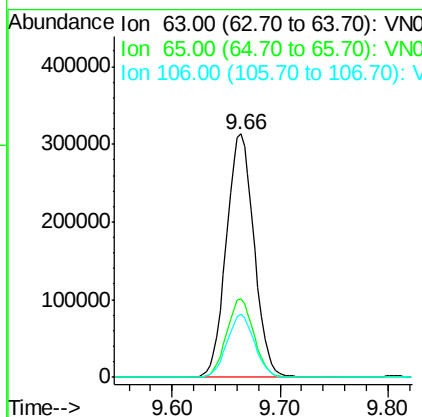
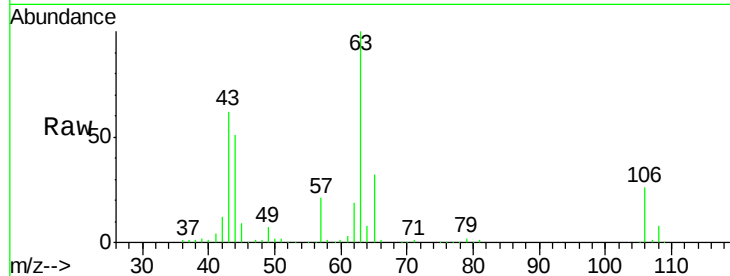
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	561543
Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.9	38.9
106	25.5	19.9	29.9

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#56

Bromoform

Concen: 155.380 ug/l

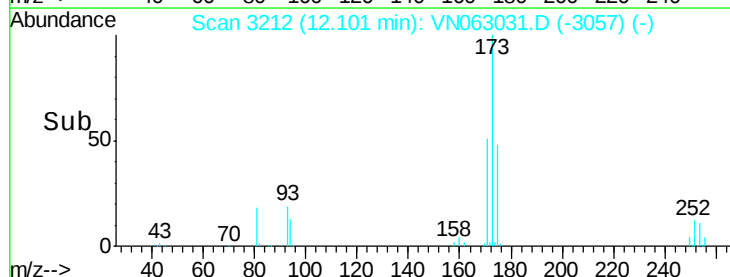
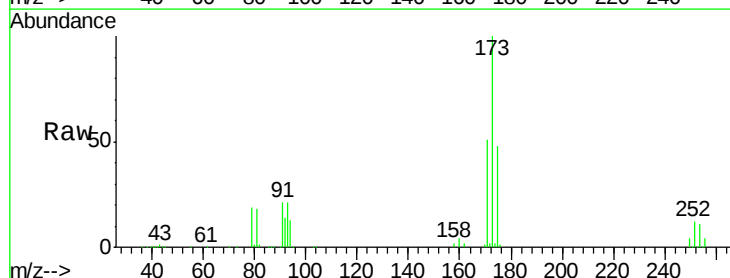
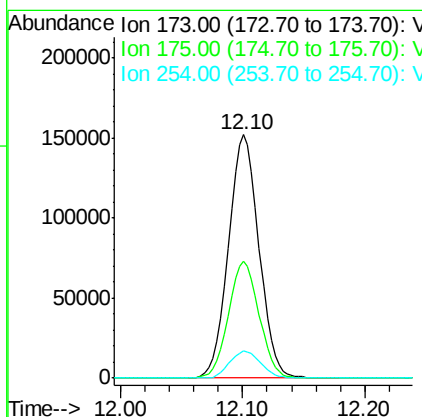
RT: 12.10 min Scan# 3212

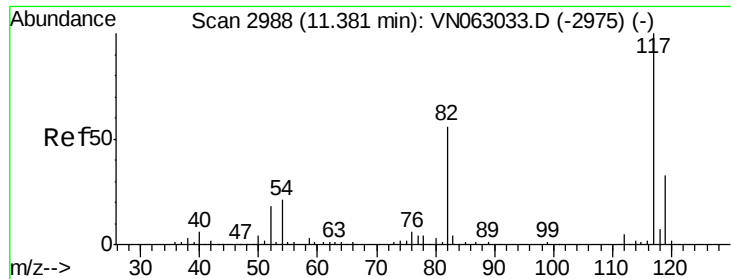
Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Tgt Ion:	173	Resp:	264224
Ion	Ratio	Lower	Upper
173	100		
175	48.2	41.2	61.8
254	11.3	9.0	13.4





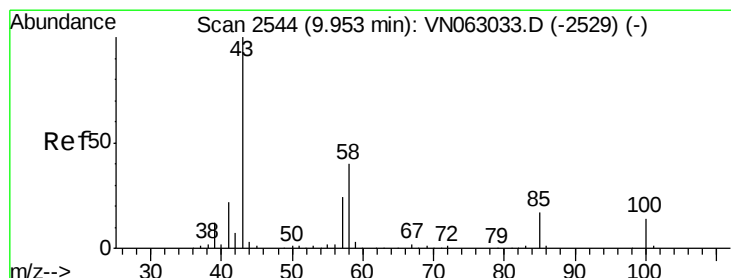
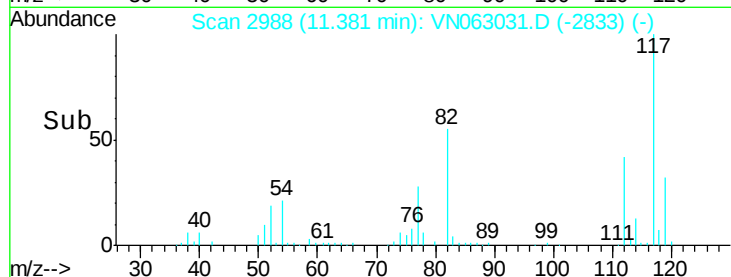
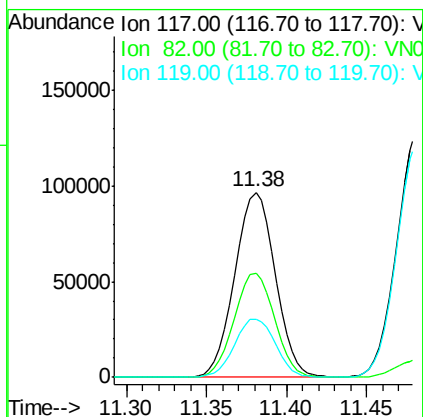
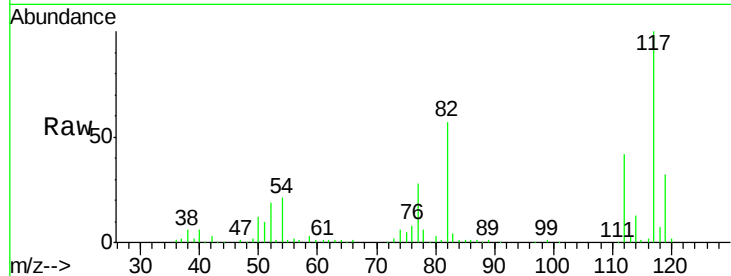
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.9	67.3
119	32.0	26.0	39.0

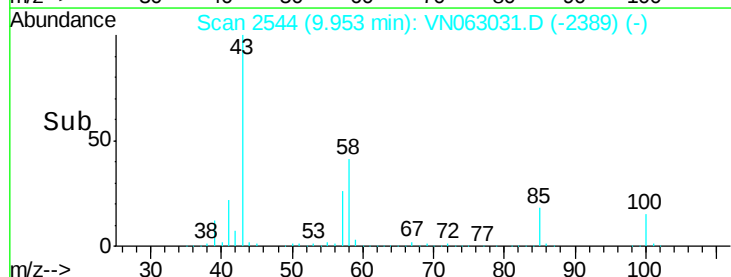
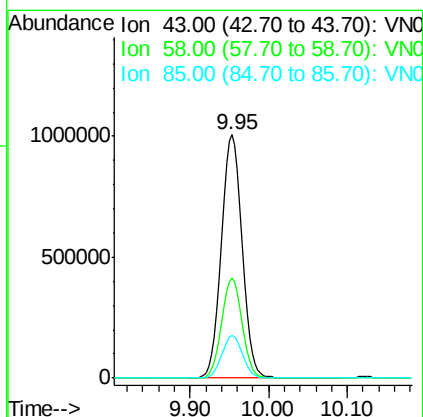
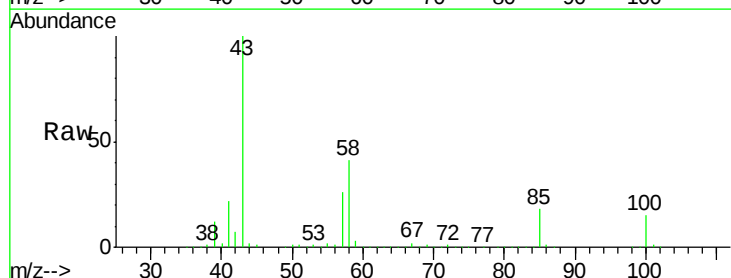
Manual Integrations
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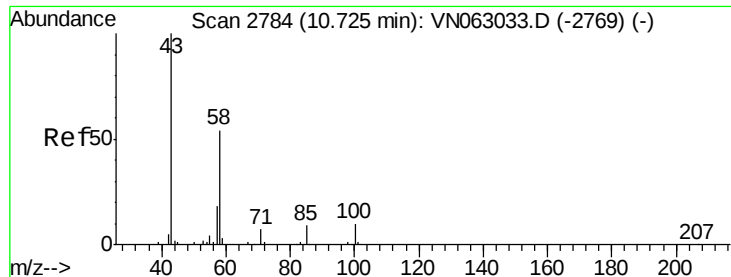
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#58
4-Methyl-2-Pentanone
Concen: 761.402 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.5	31.4	47.0
85	17.4	13.4	20.2





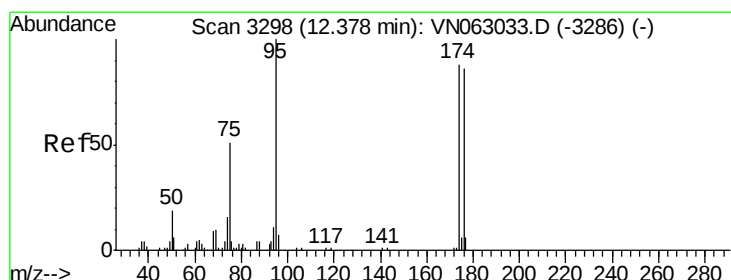
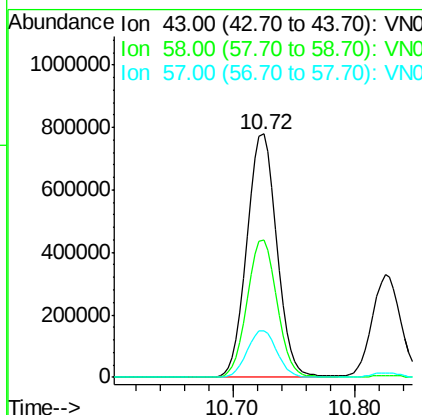
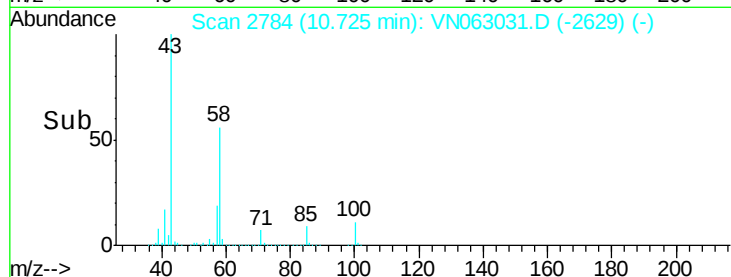
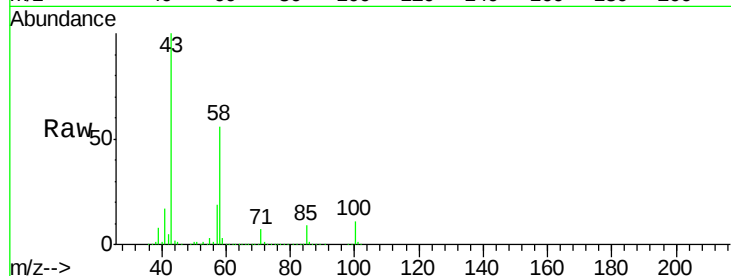
#59
2-Hexanone
Concen: 767.012 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.5	42.6	64.0
57	19.2	14.6	21.8

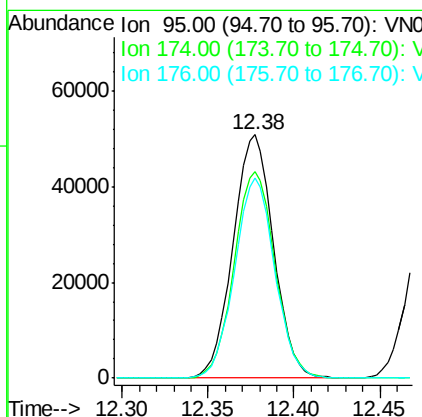
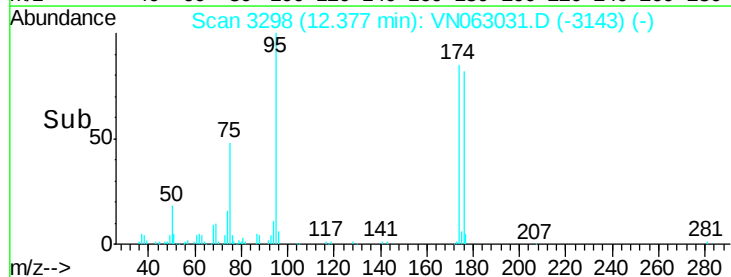
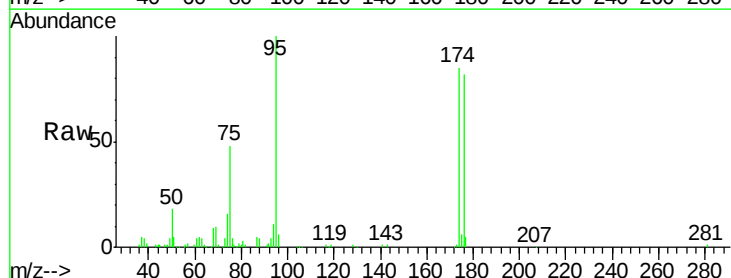
Manual Integrations
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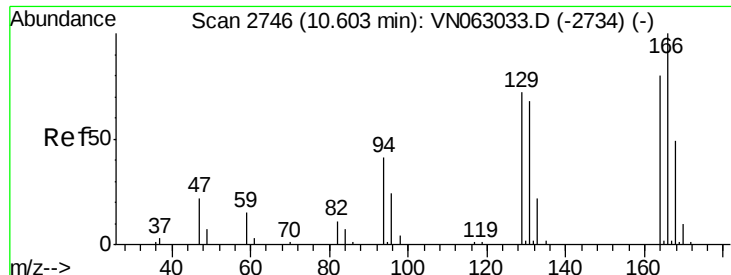
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#60
4-Bromofluorobenzene
Concen: 31.584 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.7	70.1	105.1
176	81.5	66.8	100.2





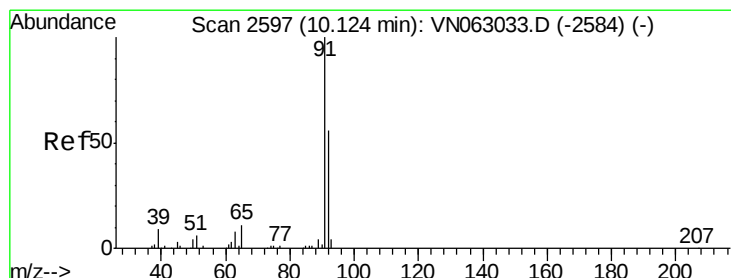
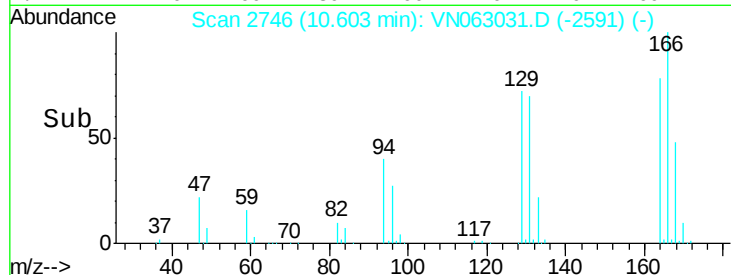
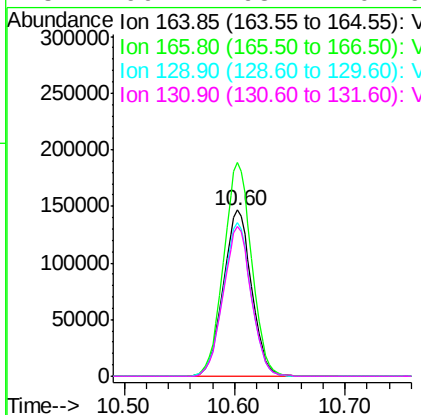
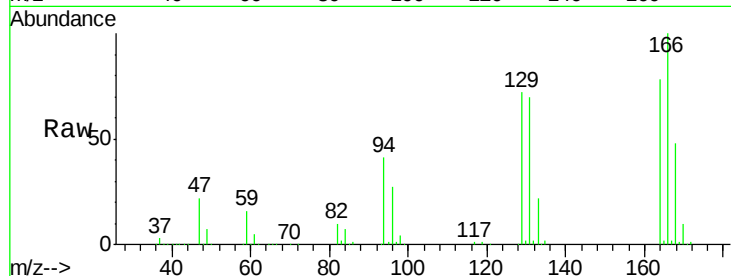
#61
Tetrachloroethene
Concen: 141.956 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	128.6	100.1	150.1	
129	92.2	72.5	108.7	
131	90.4	68.4	102.6	

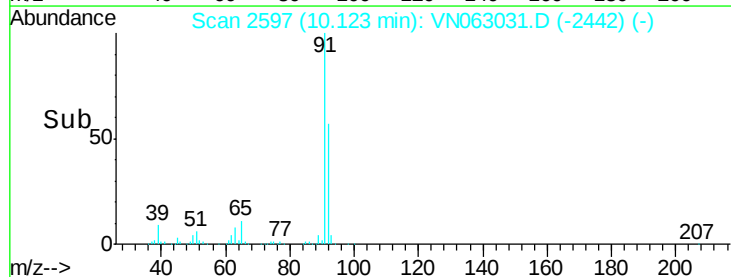
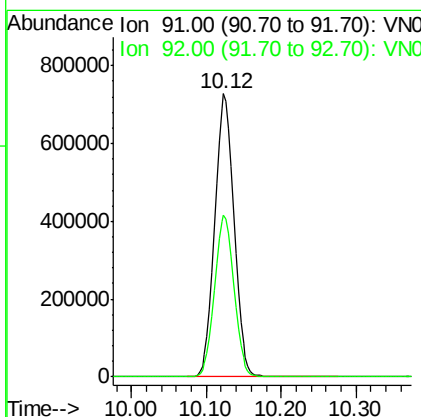
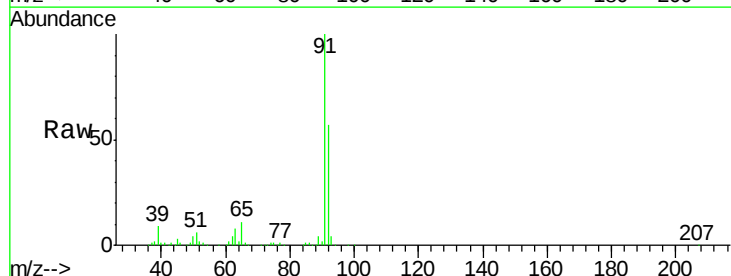
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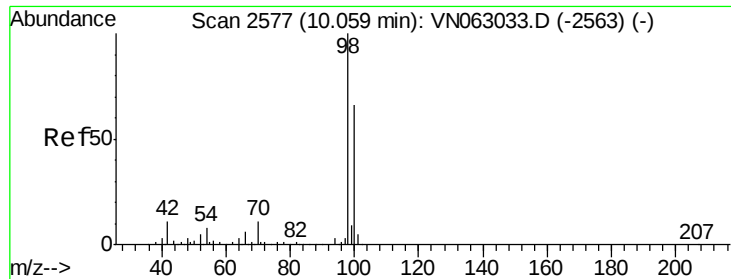
MMDadoda
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#62
Toluene
Concen: 148.071 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	57.6	45.5	68.3	





#63

Toluene-d8

Concen: 29.472 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 225810

Ion Ratio Lower Upper

98 100

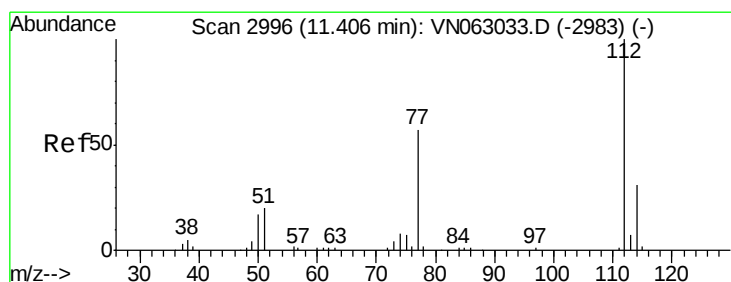
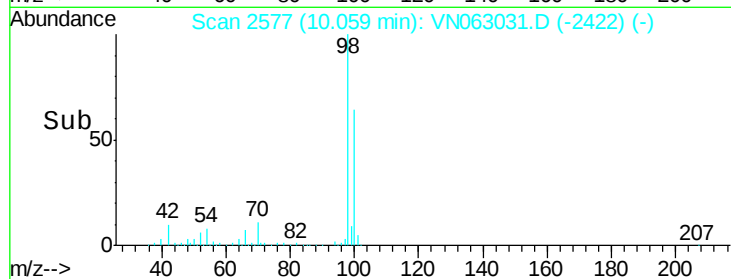
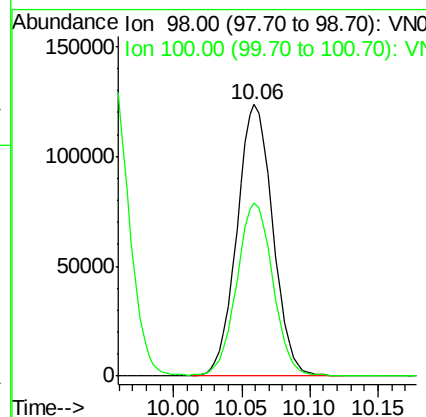
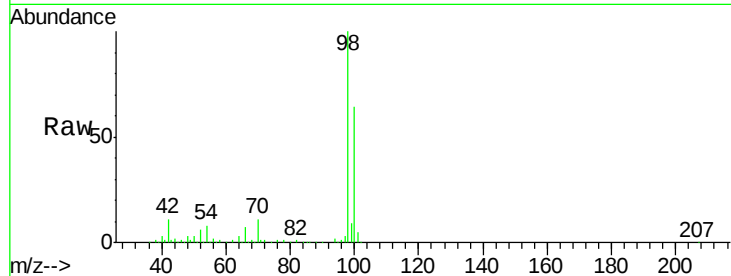
100 63.9 51.4 77.2

Manual Integrations

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#64

Chlorobenzene

Concen: 151.058 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN063031.D

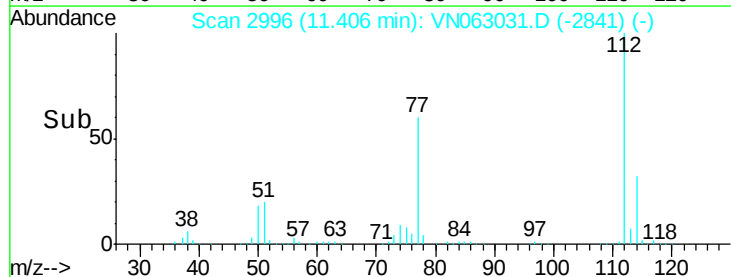
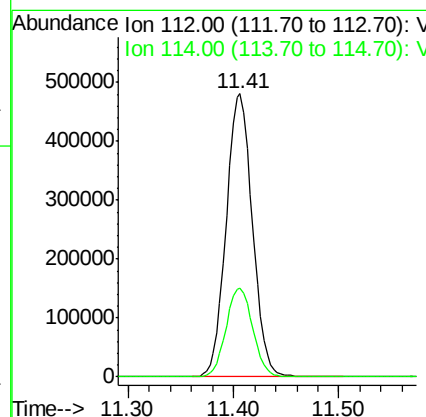
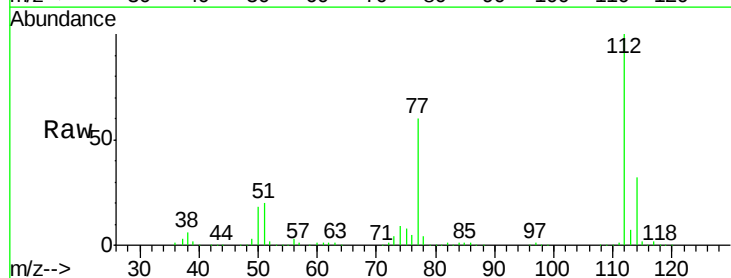
Acq: 20 Aug 2020 11:48

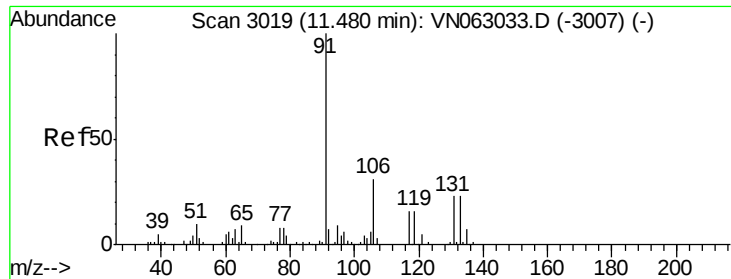
Tgt Ion: 112 Resp: 827016

Ion Ratio Lower Upper

112 100

114 31.5 25.1 37.7





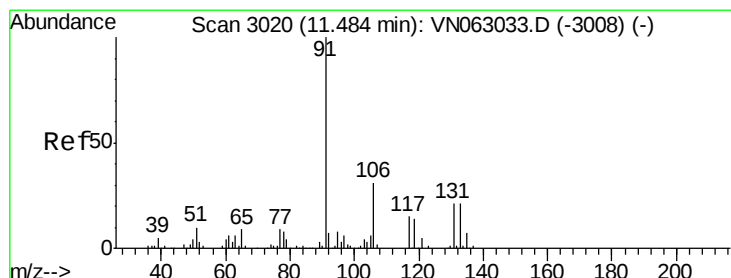
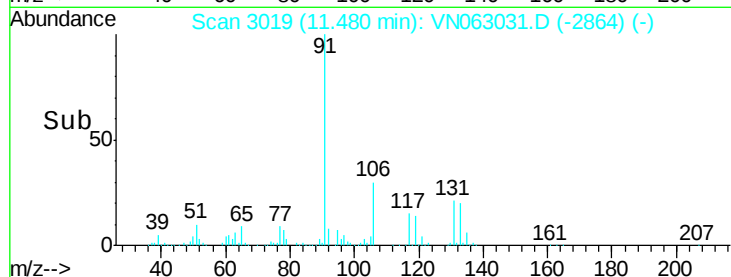
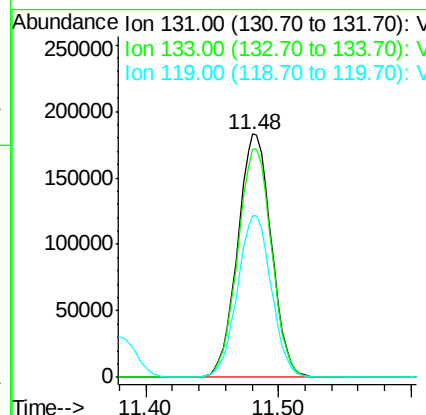
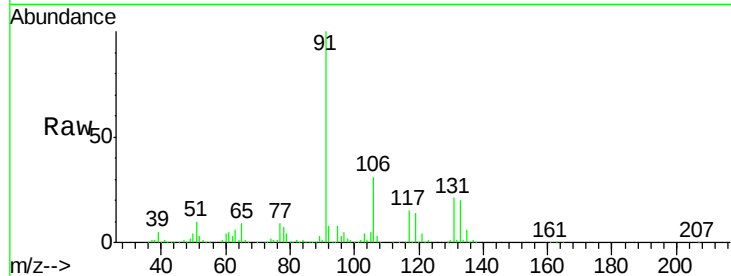
#65
 1,1,1,2-Tetrachloroethane
 Concen: 148.660 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	322588		
133	94.8	0.0	191.2	
119	66.8	0.0	134.2	

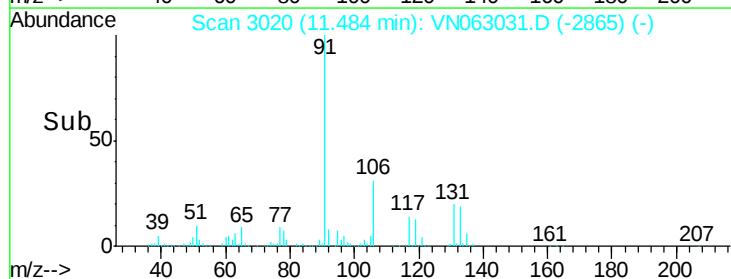
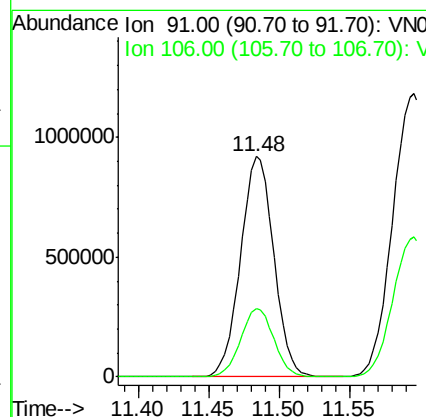
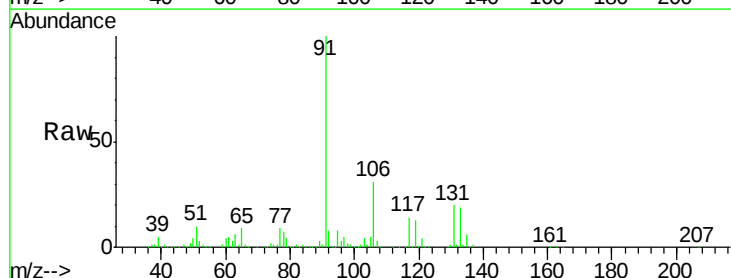
Manual Integrations
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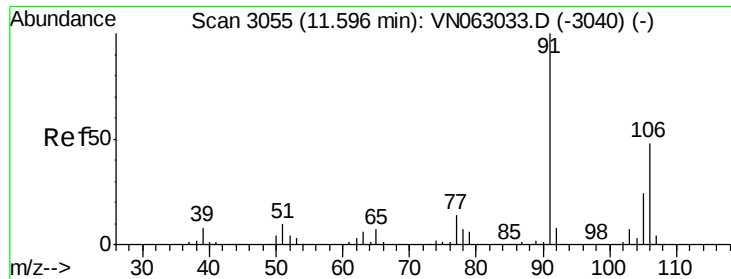
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#66
 Ethyl Benzene
 Concen: 158.013 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1524003		
106	31.2	25.0	37.4	





#67

m/p-Xylenes

Concen: 315.716 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:106 Resp: 1140742

Ion Ratio Lower Upper

106 100

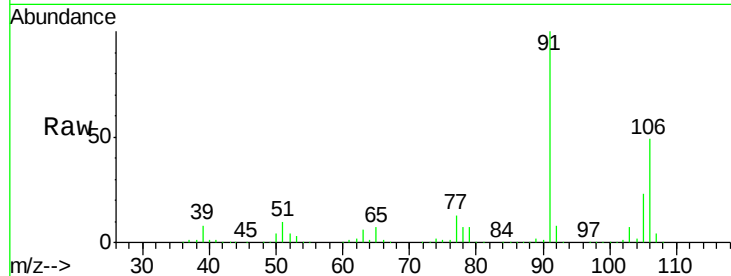
91 204.0 164.9 247.3

Manual Integrations

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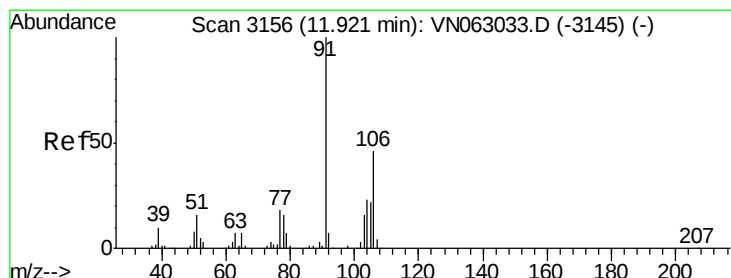
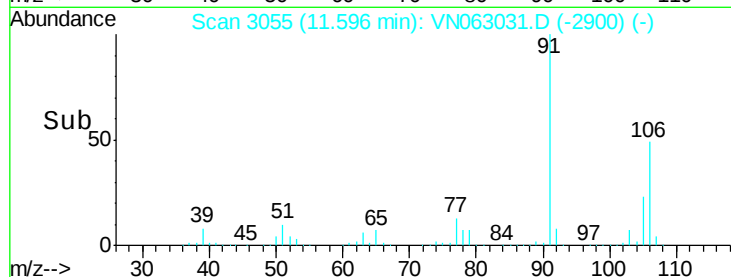
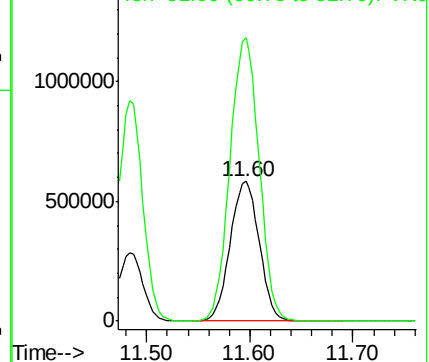
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 159.373 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN063031.D

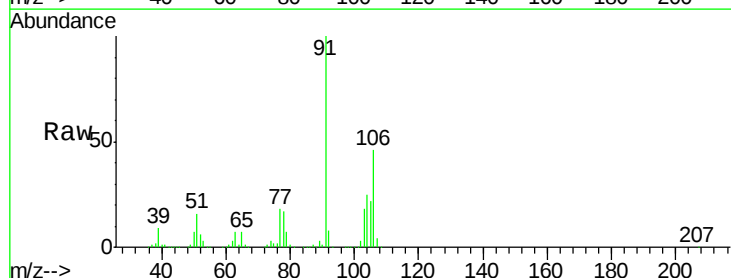
Acq: 20 Aug 2020 11:48

Tgt Ion:106 Resp: 553154

Ion Ratio Lower Upper

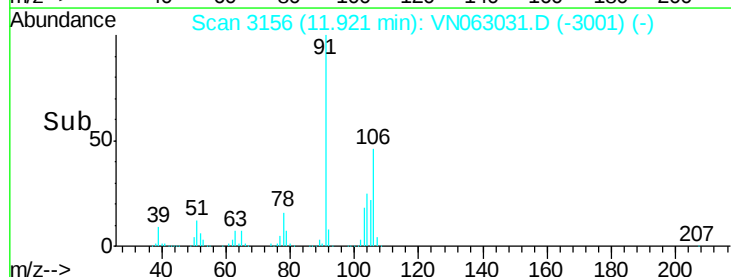
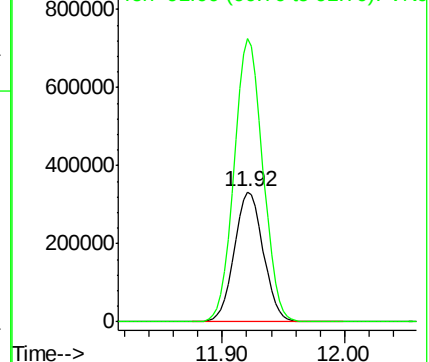
106 100

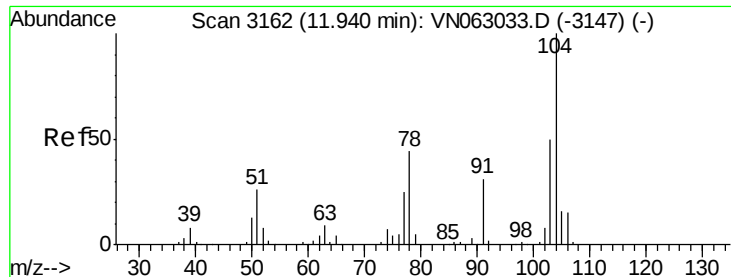
91 215.8 108.0 324.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





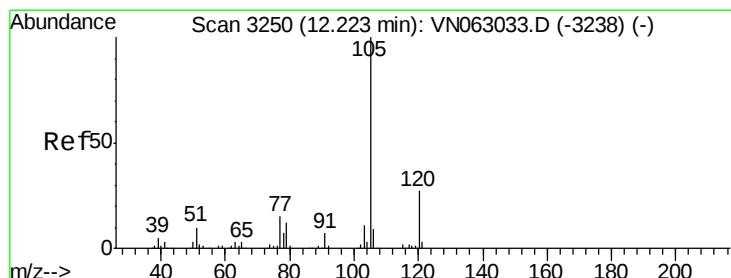
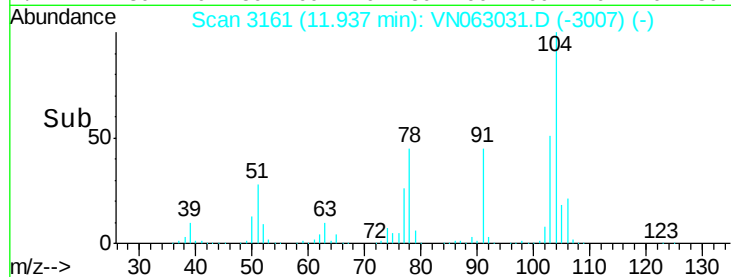
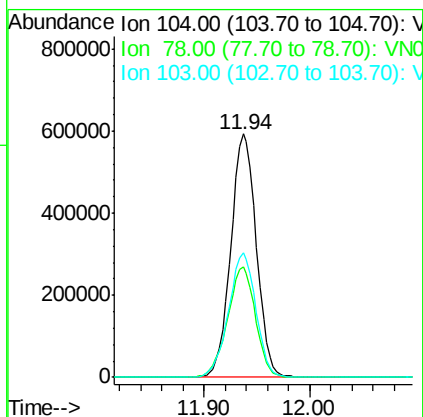
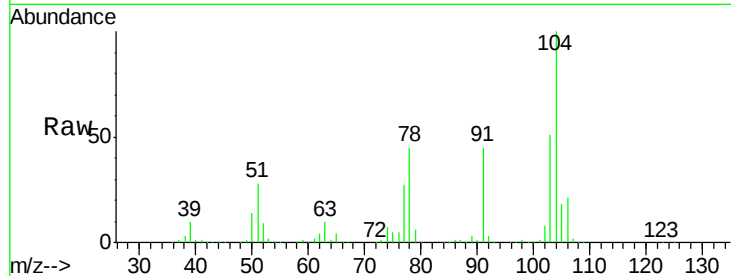
#69
Stvrene
Concen: 163.627 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	39.6	59.4
103	55.0	44.4	66.6

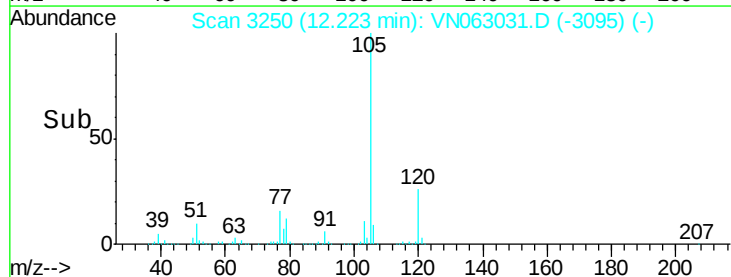
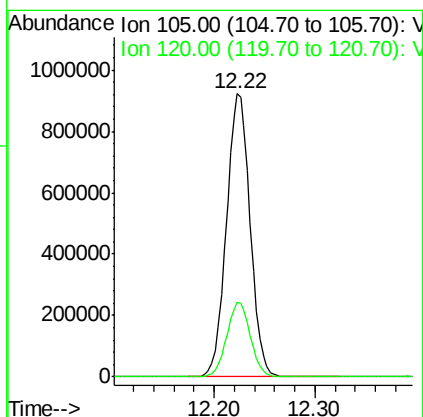
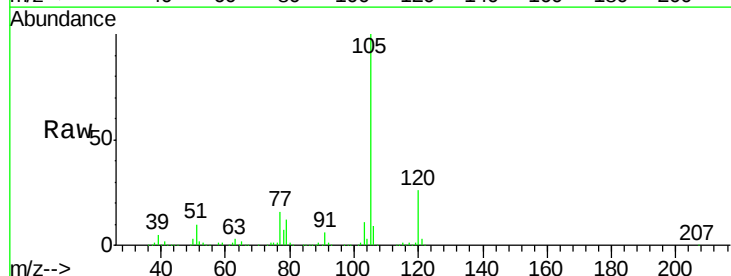
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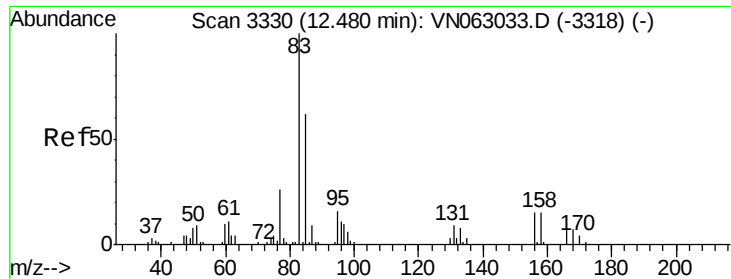
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#70
Isopropylbenzene
Concen: 159.622 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.5	34.3





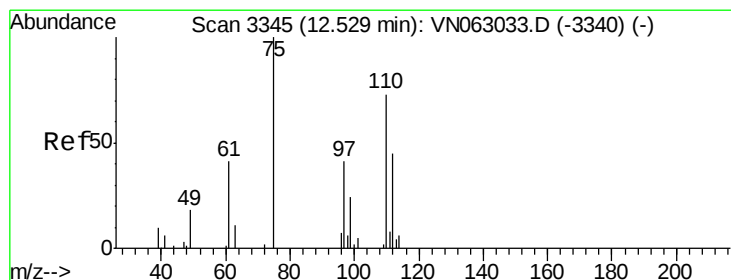
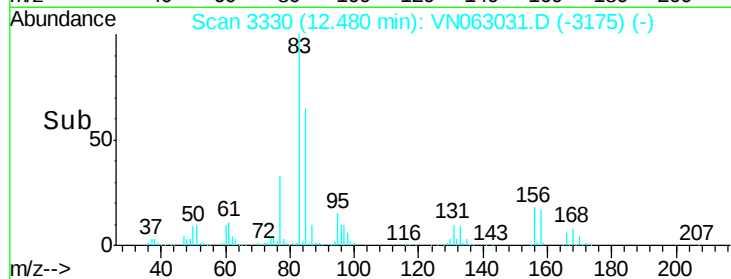
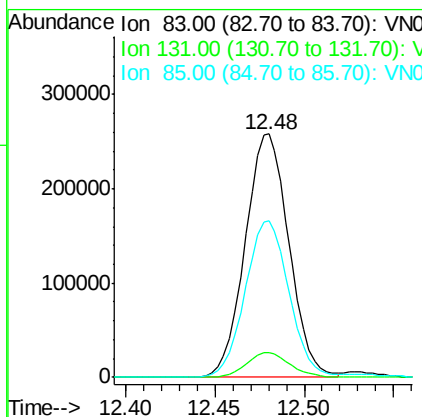
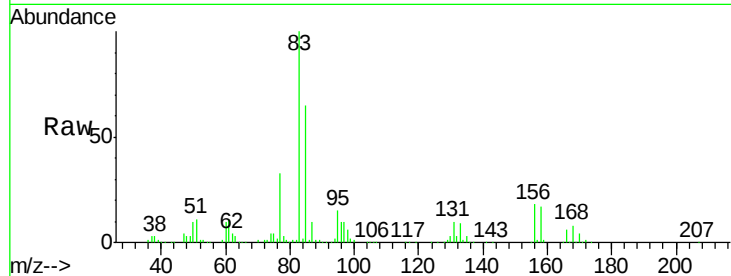
#71
 1,1,2,2-Tetrachloroethane
 Concen: 146.441 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	443396		
131	10.1		4.5	13.7
85	64.4		31.8	95.3

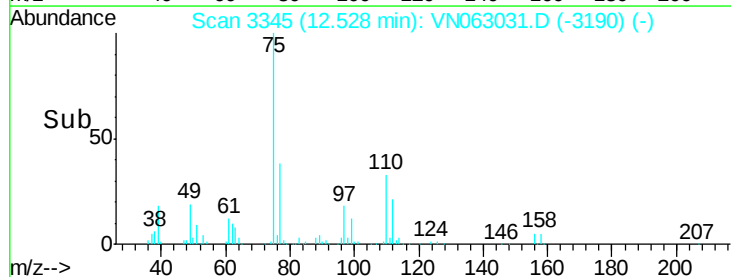
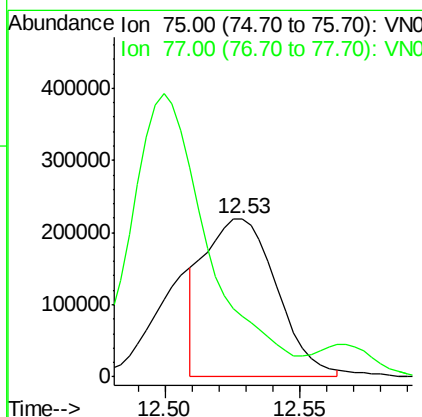
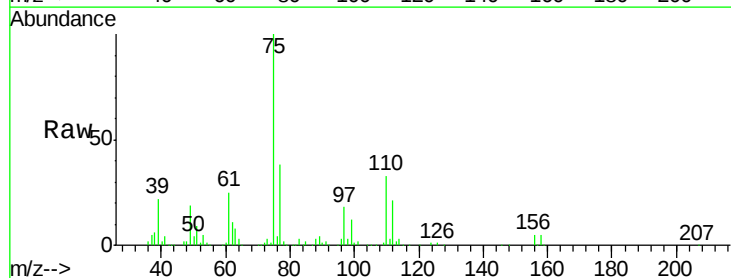
Manual Integrations
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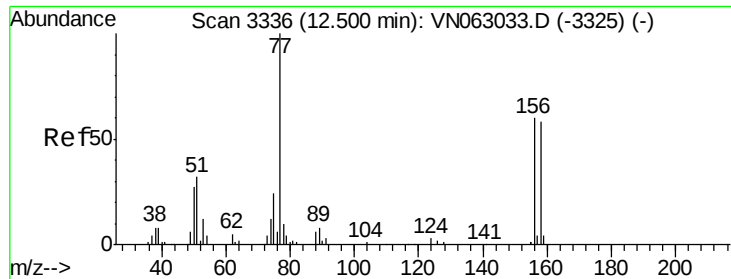
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#72
 1,2,3-Trichloropropane
 Concen: 155.573 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	407113		
77	193.0		0.0	387.8





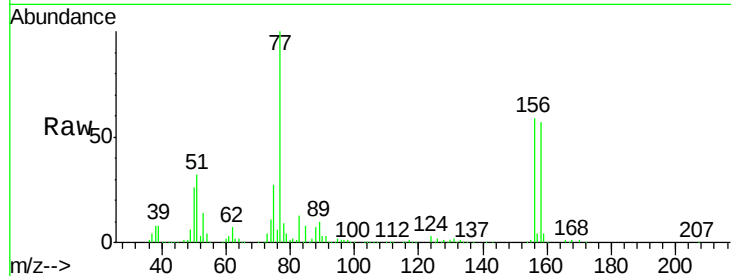
#73
Bromobenzene
Concen: 153.614 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
156	100	391132		
77	200.9	0.0	398.6	
158	96.4	0.0	195.4	

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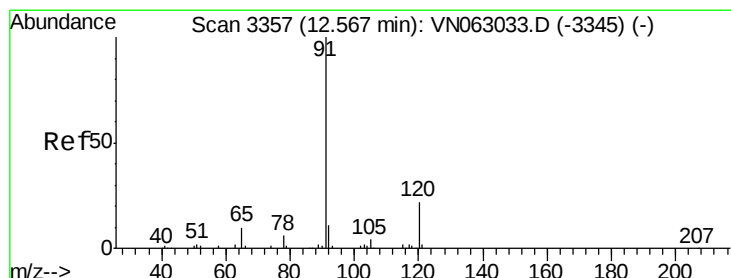
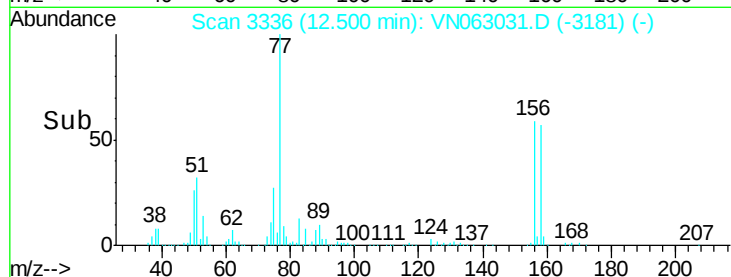
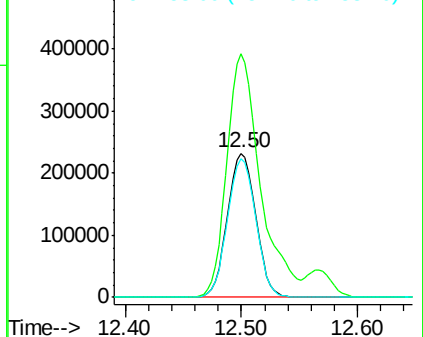
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Abundance Ion 156.00 (155.70 to 156.70): V

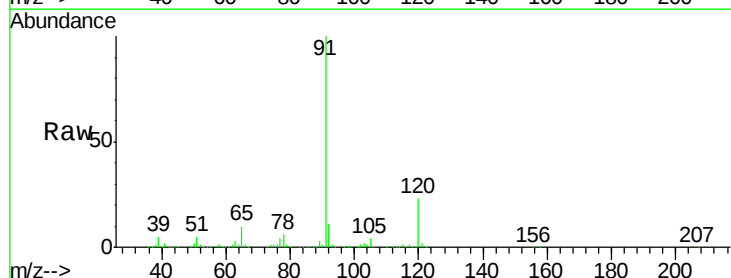
Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



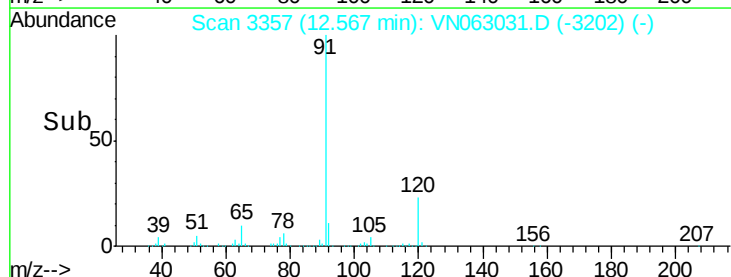
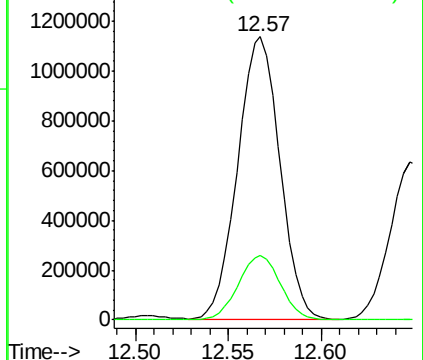
#74
n-propylbenzene
Concen: 159.973 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

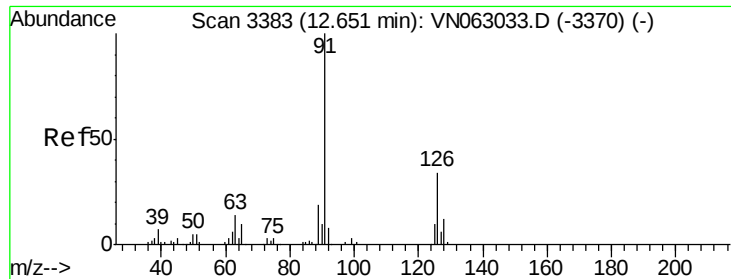
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1811843		
120	22.6	0.0	44.0	



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





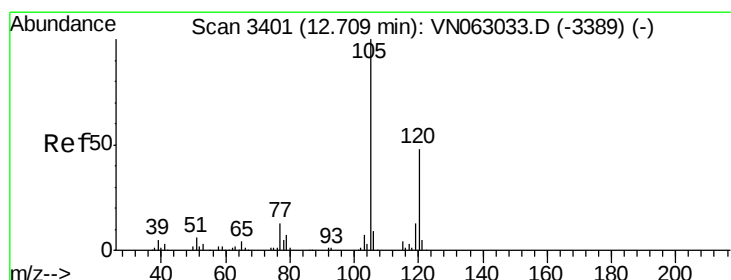
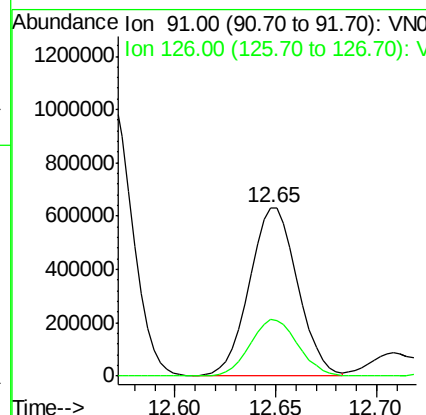
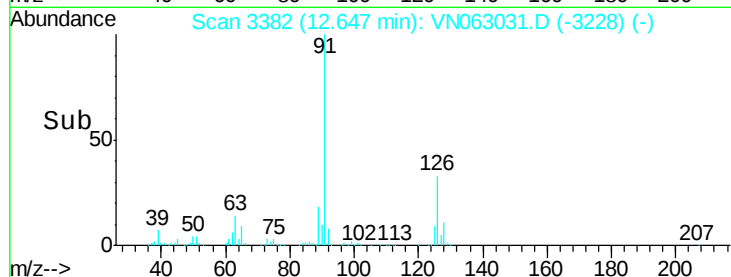
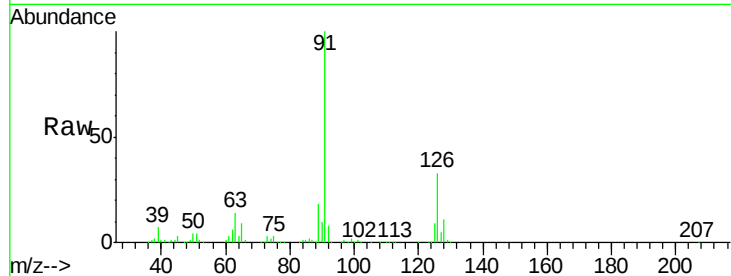
#75
 2-Chlorotoluene
 Concen: 156.695 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 1057728
 Ion Ratio Lower Upper
 91 100
 126 33.7 0.0 68.0

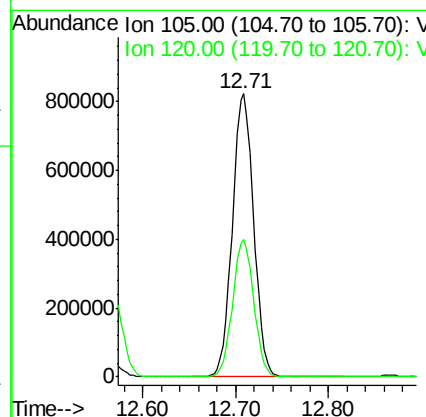
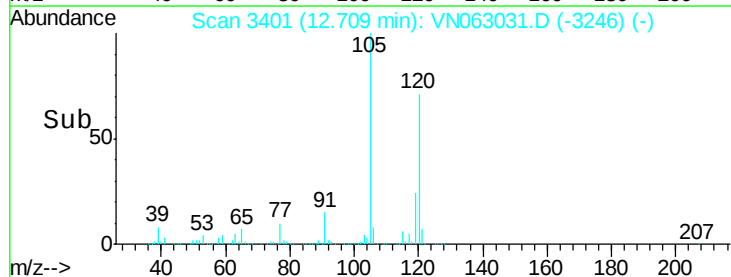
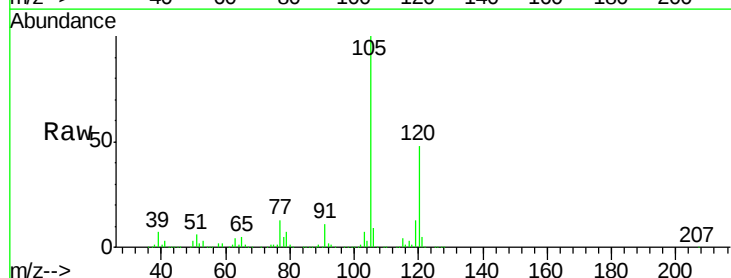
Manual Integrations
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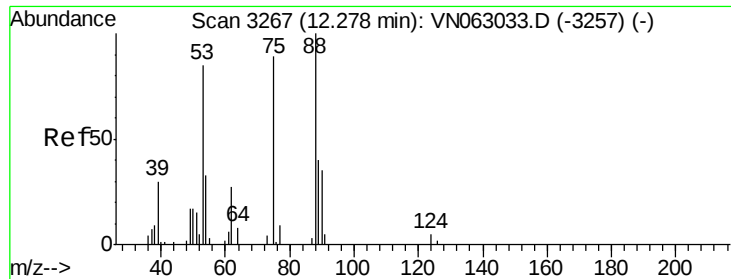
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#76
 1,3,5-Trimethylbenzene
 Concen: 161.803 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion: 105 Resp: 1303741
 Ion Ratio Lower Upper
 105 100
 120 48.4 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 168.441 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

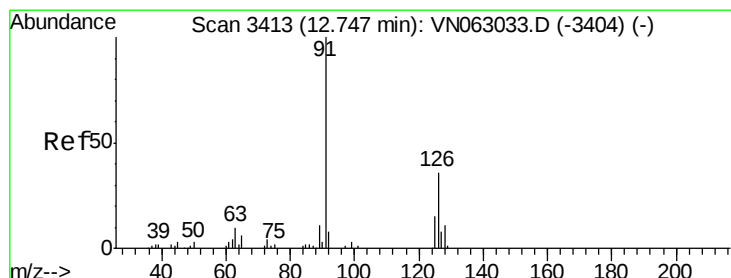
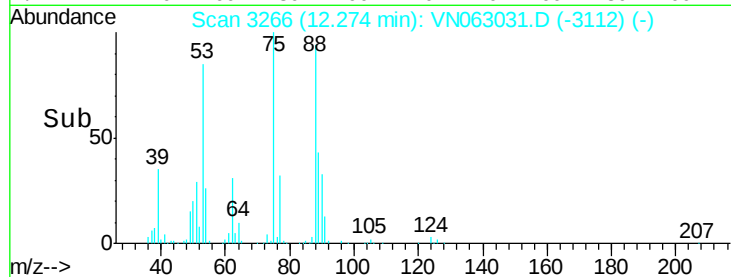
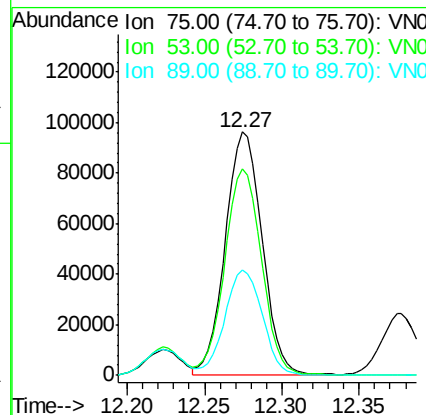
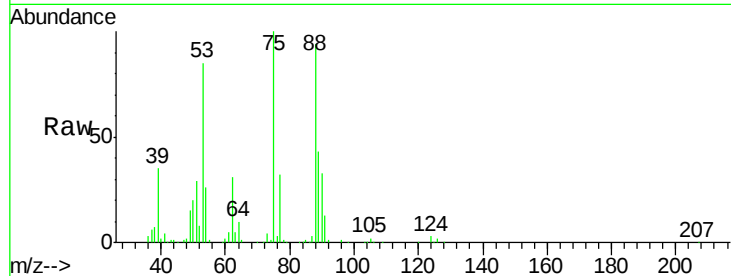
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	159943
Ion Ratio	Lower	Upper	
75	100		
53	84.9	47.0	141.0
89	43.3	22.9	68.7

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#78

4-Chlorotoluene

Concen: 160.571 ug/l

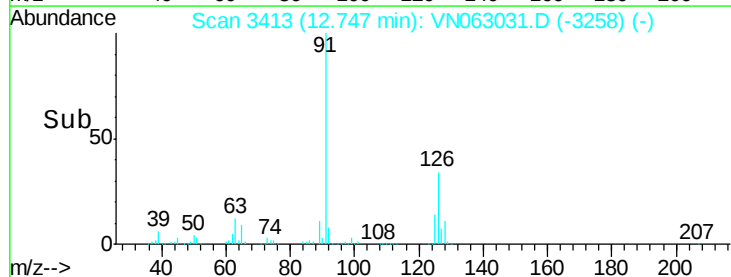
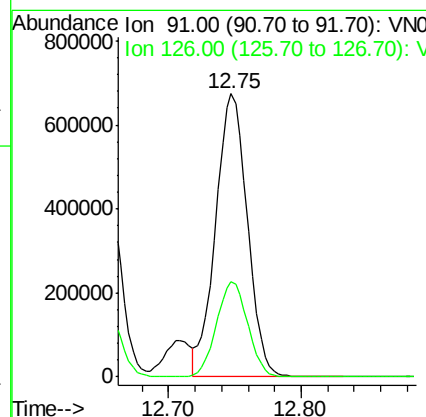
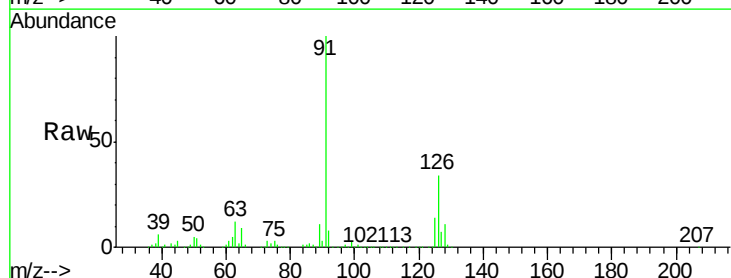
RT: 12.75 min Scan# 3413

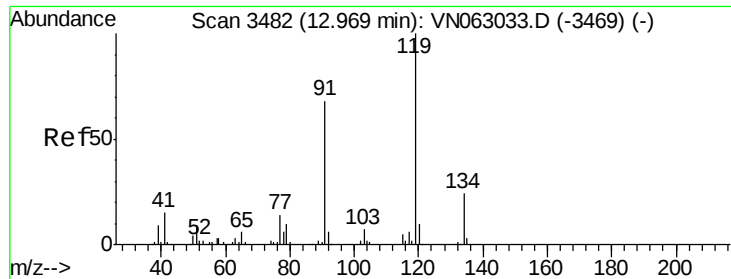
Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Tgt Ion:	91	Resp:	1117514
Ion Ratio	Lower	Upper	
91	100		
126	33.2	0.0	65.0





#79

tert-butylbenzene

Concen: 166.355 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN063031.D

Acq: 20 Aug 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion:119 Resp: 1127835

Ion Ratio Lower Upper

119 100

91 64.6 0.0 136.8

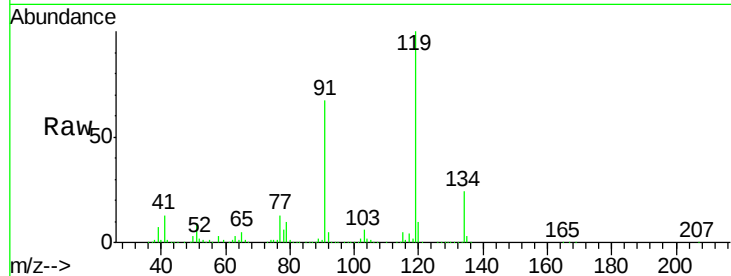
134 23.8 0.0 48.8

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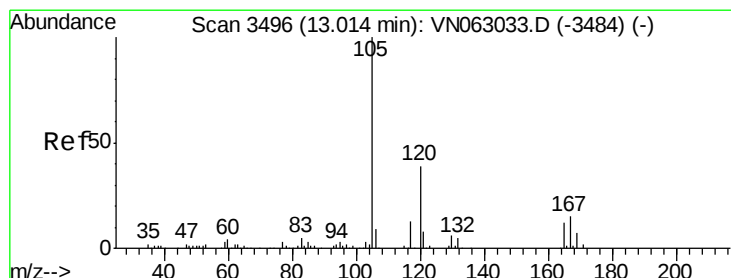
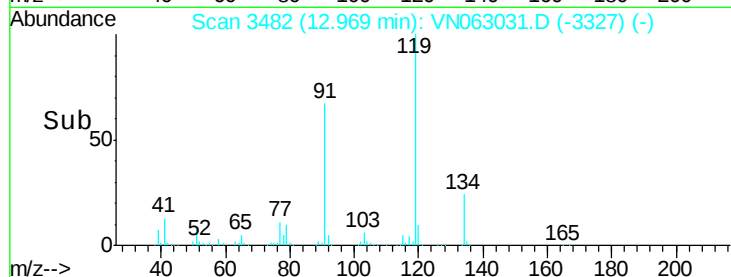
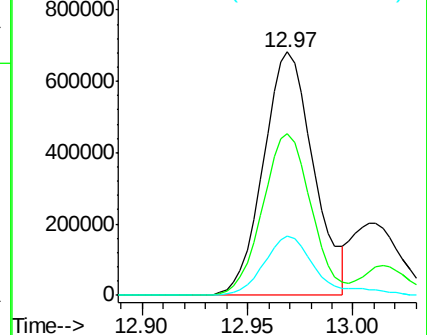
8/21/2020 9:22:11 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 166.660 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN063031.D

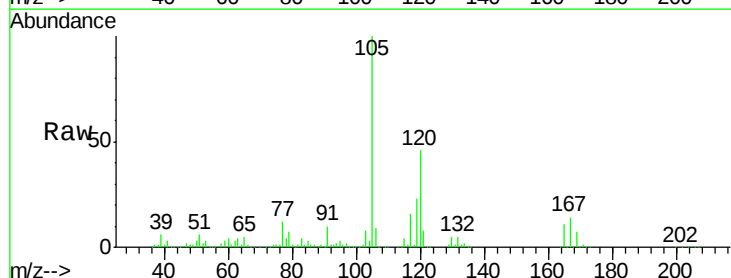
Acq: 20 Aug 2020 11:48

Tgt Ion:105 Resp: 1307172

Ion Ratio Lower Upper

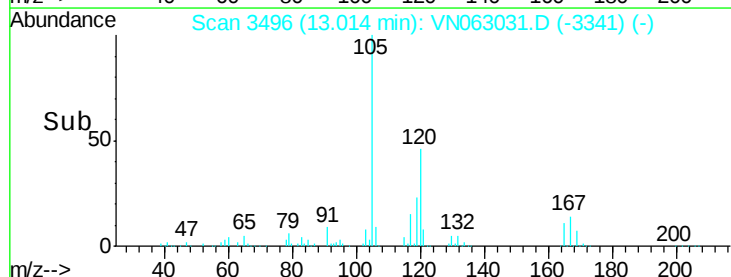
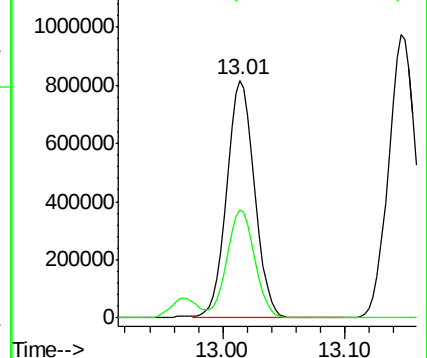
105 100

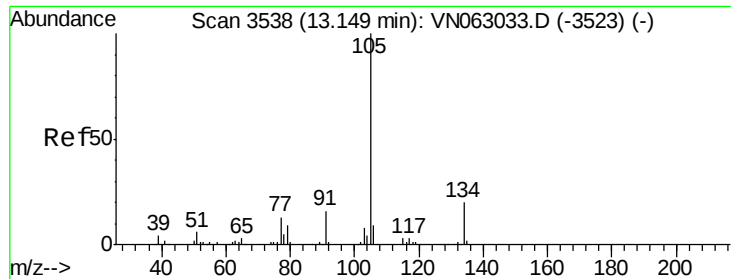
120 45.5 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





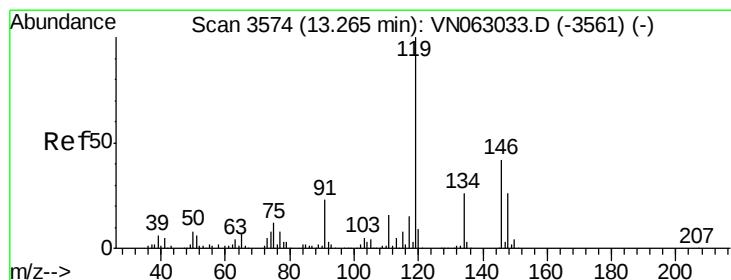
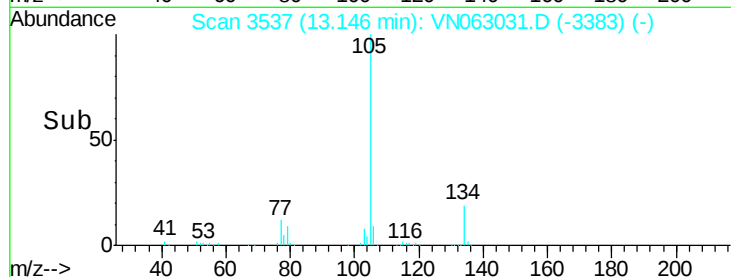
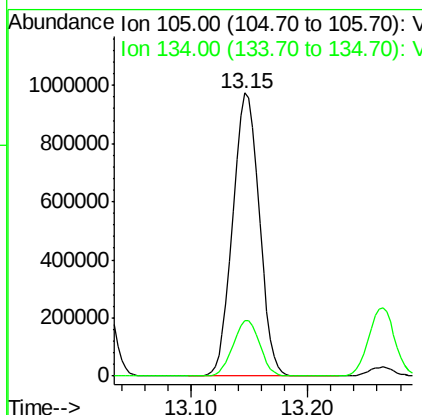
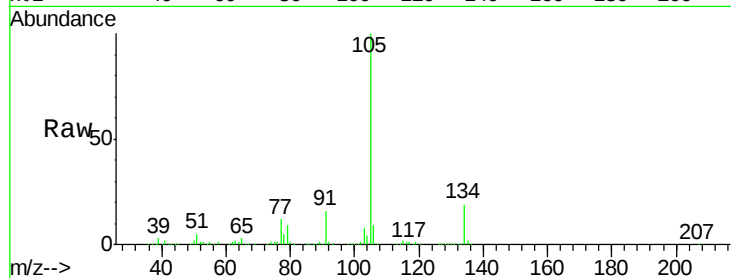
#81
 sec-Butylbenzene
 Concen: 164.693 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1538098
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

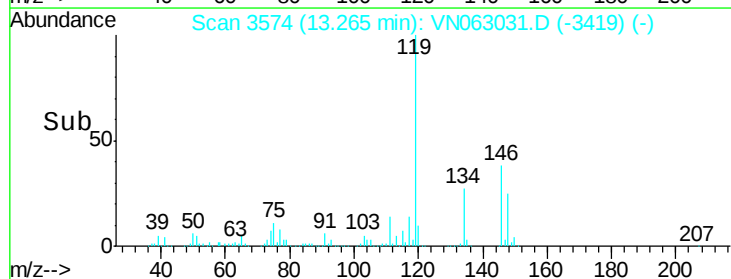
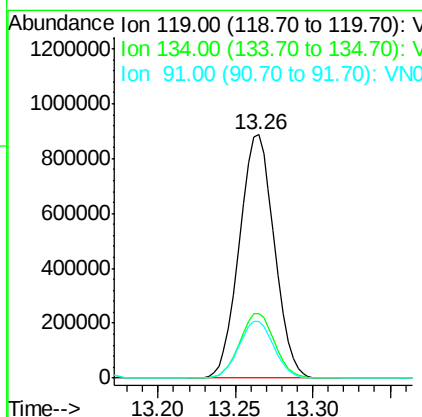
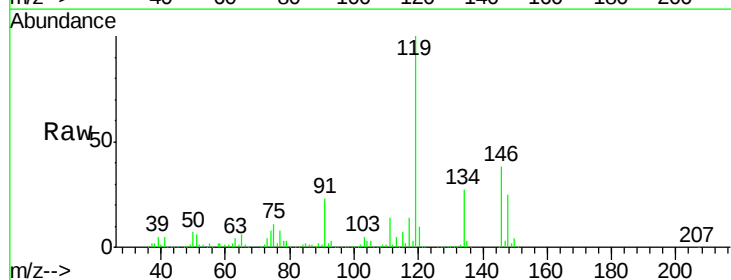
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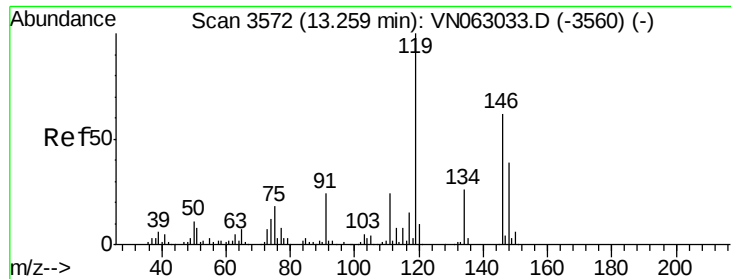
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#82
 p-Isopropyltoluene
 Concen: 168.114 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion:119 Resp: 1391890
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 23.1 0.0 46.2





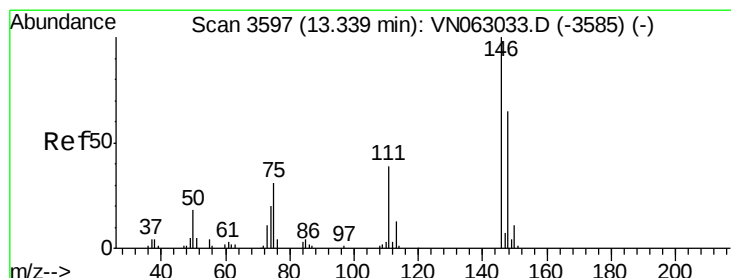
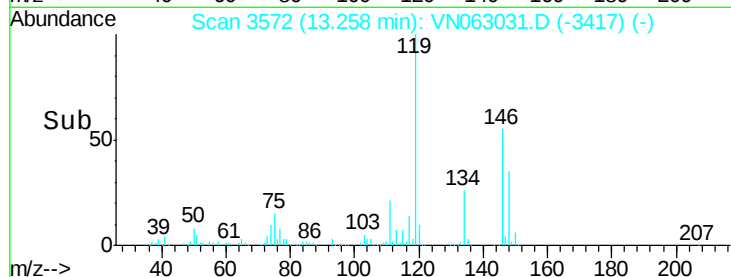
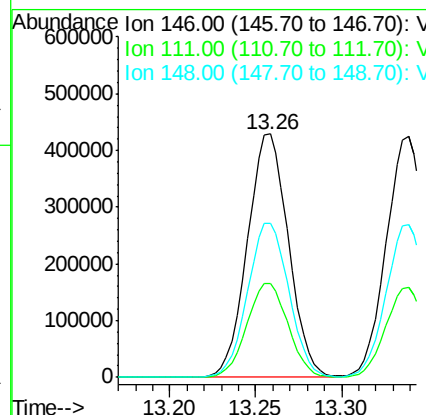
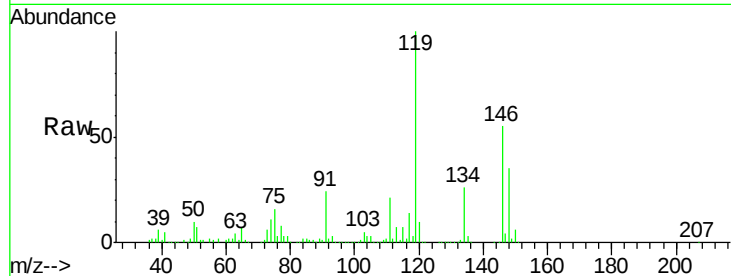
#83
 1,3-Dichlorobenzene
 Concen: 159.754 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	63.9	31.5	94.5

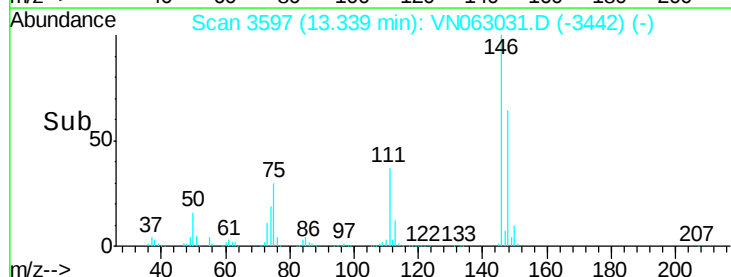
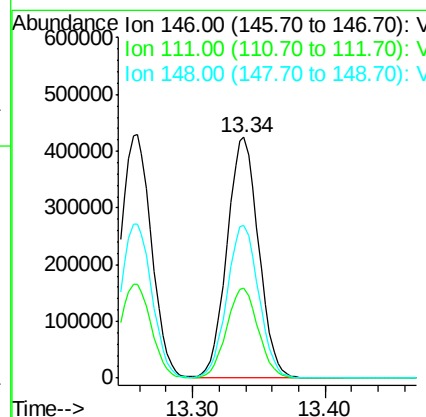
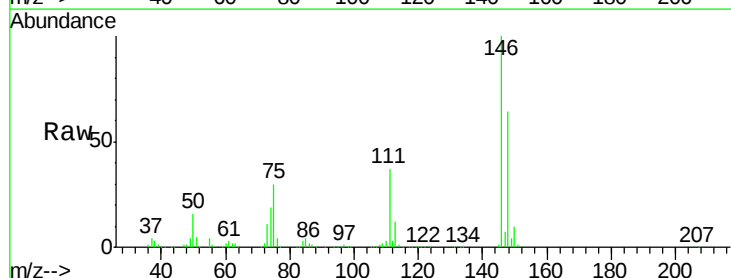
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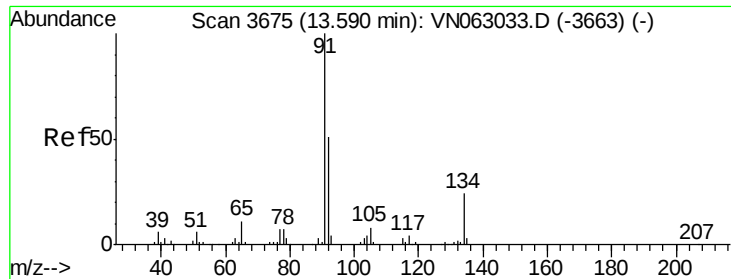
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#84
 1,4-Dichlorobenzene
 Concen: 161.795 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	63.8	31.6	94.8





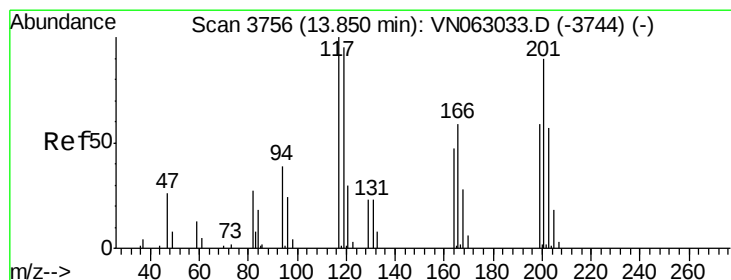
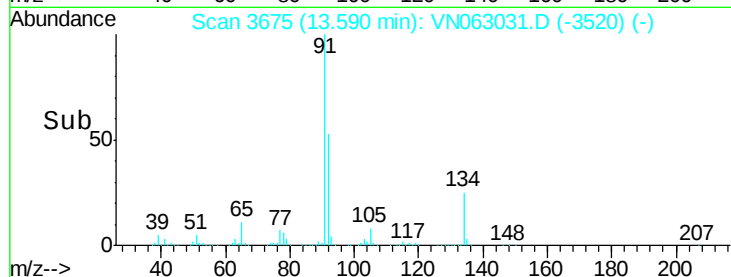
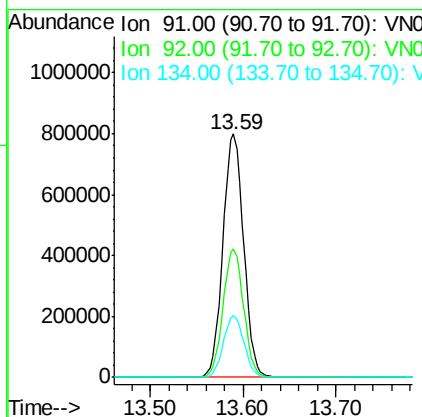
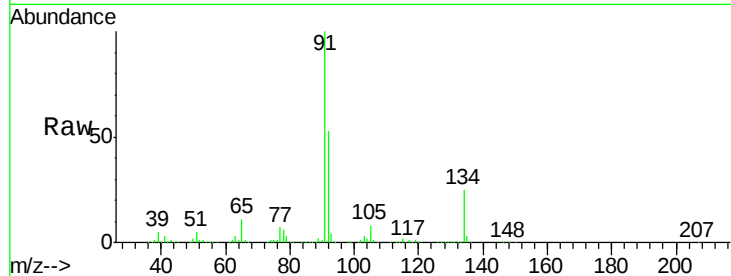
#85
n-Butylbenzene
Concen: 179.752 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1236773
Ion Ratio Lower Upper
91 100
92 52.3 0.0 100.6
134 25.3 0.0 47.4

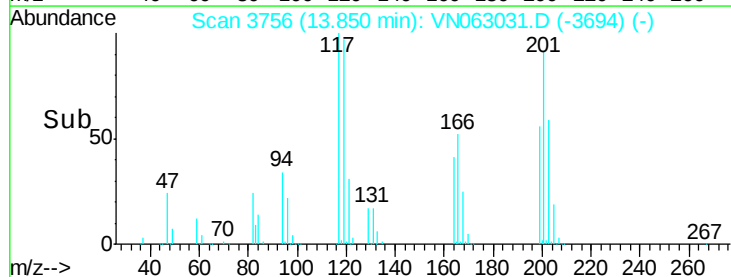
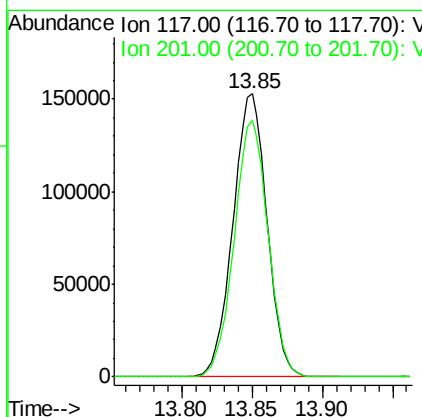
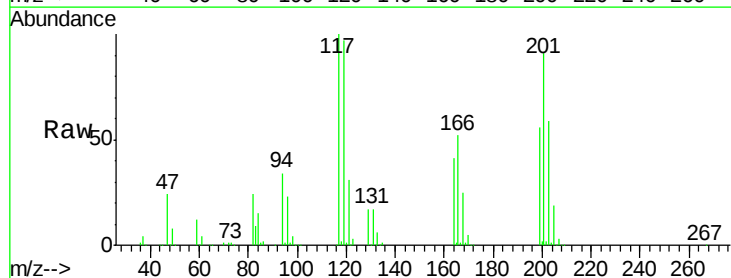
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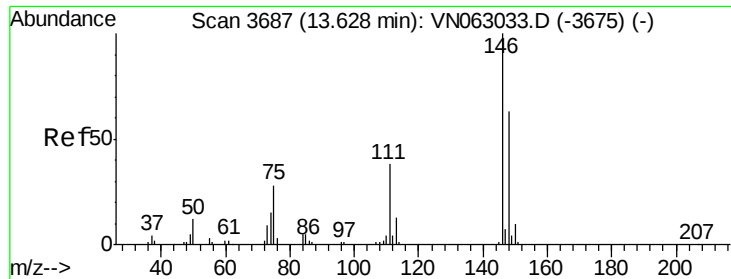
MMDadoda
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#86
Hexachloroethane
Concen: 158.725 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion: 117 Resp: 258827
Ion Ratio Lower Upper
117 100
201 90.0 46.1 138.3





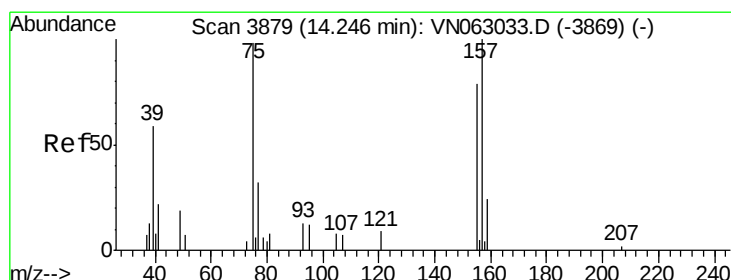
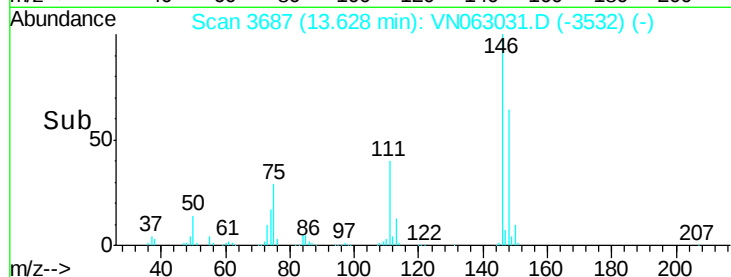
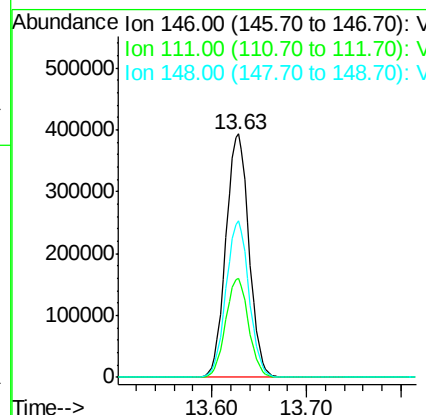
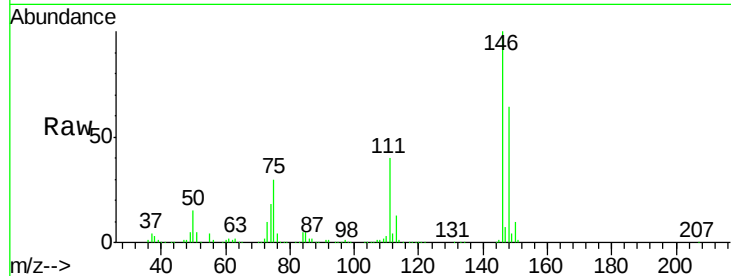
#87
 1,2-Dichlorobenzene
 Concen: 156.630 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.1	57.3
148	64.0	31.8	95.4

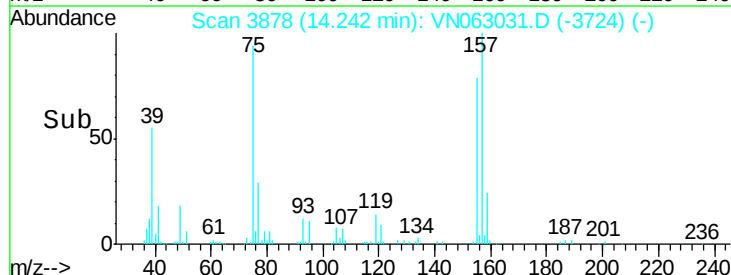
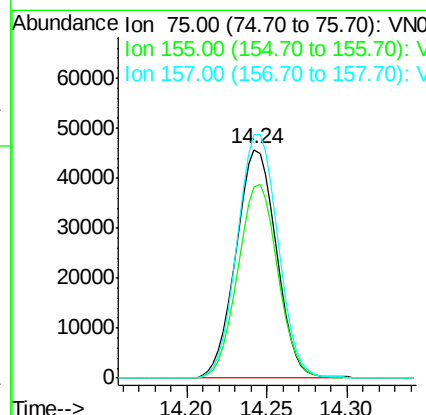
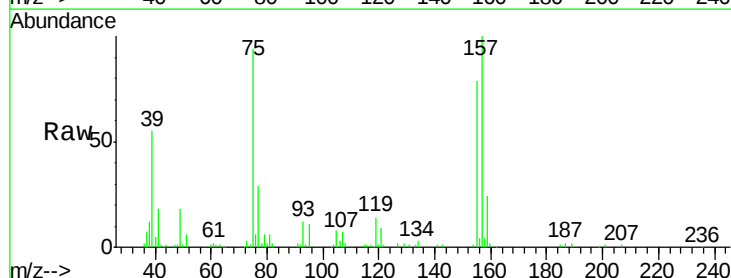
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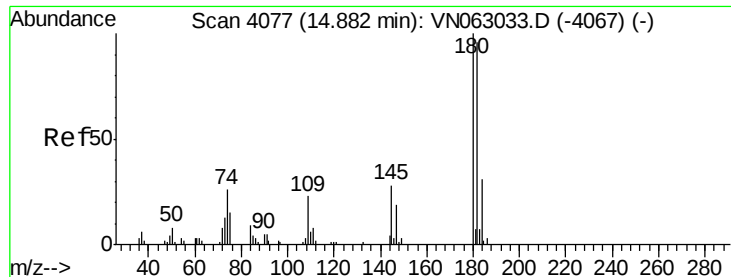
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 164.178 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	64.8	97.2
157	107.6	81.2	121.8





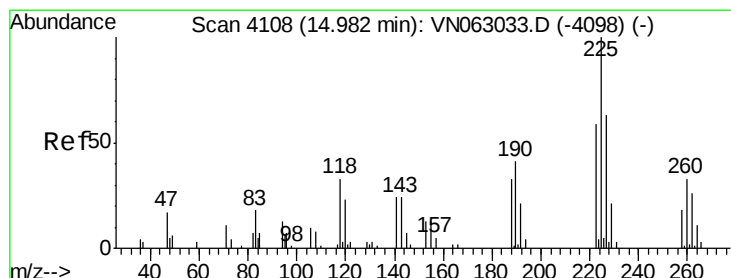
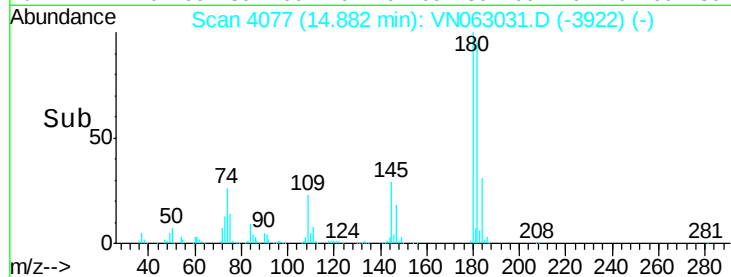
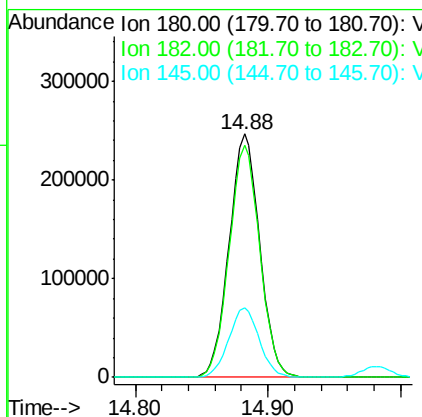
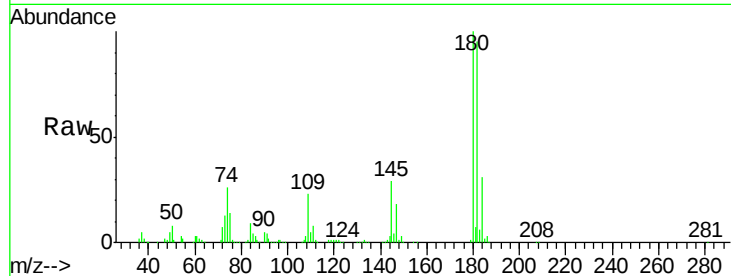
#89
 1,2,4-Trichlorobenzene
 Concen: 188.226 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	395498		
182	95.5	76.9	115.3	
145	28.5	21.9	32.9	

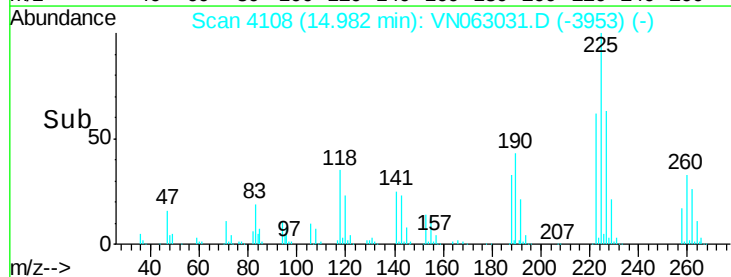
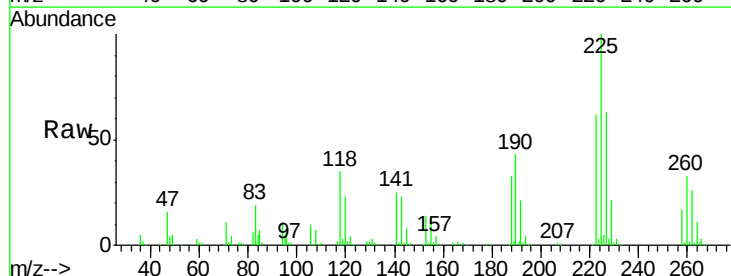
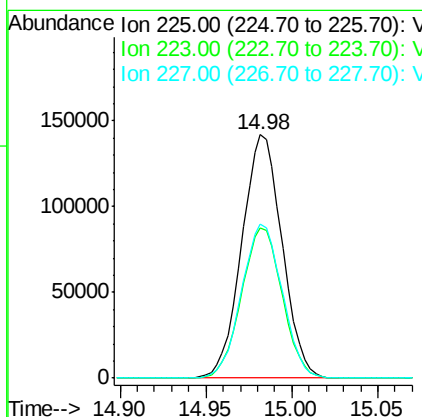
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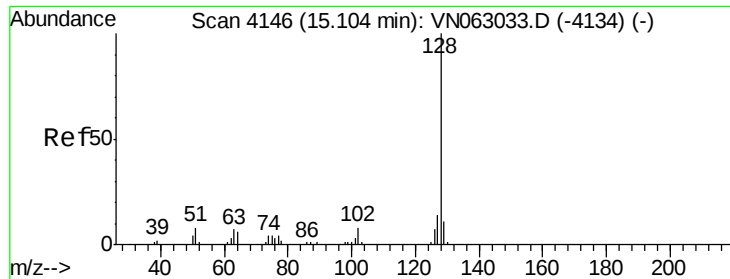
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#90
 Hexachlorobutadiene
 Concen: 148.646 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063031.D
 Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	231181		
223	62.2	0.0	122.8	
227	63.9	0.0	125.6	





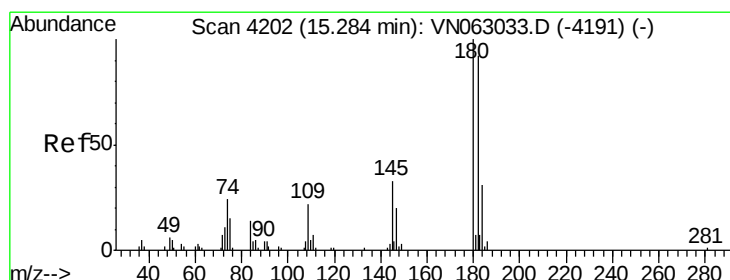
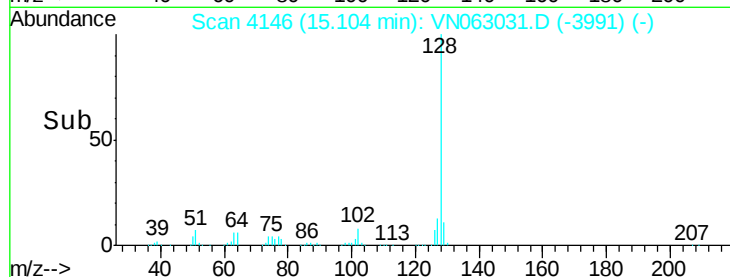
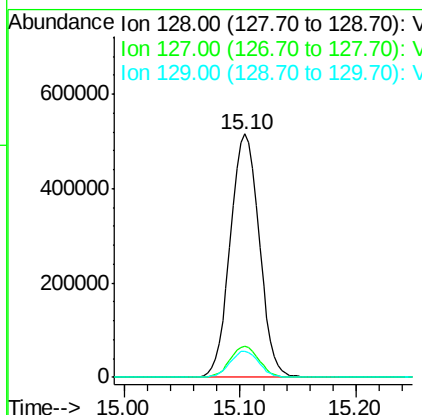
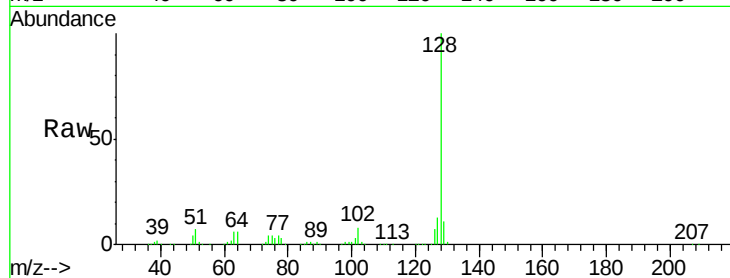
#91
Naphthalene
Concen: 192.918 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	11.1	16.7
129	10.8	8.4	12.6

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#92
1,2,3-Trichlorobenzene
Concen: 182.567 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN063031.D
Acq: 20 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	188.0
145	30.4	0.0	62.0

