

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063036.D
 Acq On : 20 Aug 2020 14:55
 Operator : JC/MD
 Sample : VN0820WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0820WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:21:06 AM

Quant Time: Aug 21 06:00:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	31334	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	162259	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	153112	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	66219	29.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.43%
60) 4-Bromofluorobenzene	12.38	95	71799	29.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.93%
63) Toluene-d8	10.06	98	212554	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	48879	21.818 ug/l	97
3) Chloromethane	2.03	50	51553	20.796 ug/l	99
4) Vinyl Chloride	2.16	62	51452	20.617 ug/l	97
5) Bromomethane	2.53	94	31844	20.700 ug/l	98
6) Chloroethane	2.67	64	31085	21.076 ug/l	100
7) Trichlorofluoromethane	2.98	101	62900	20.901 ug/l	99
8) Diethyl Ether	3.37	74	19725	19.707 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32366	19.890 ug/l	98
10) 1,1-Dichloroethene	3.69	96	28671	19.608 ug/l	96
11) Methyl Iodide	3.91	142	39359	19.619 ug/l	95
12) Methyl Acetate	4.28	43	40138	20.594 ug/l	99
13) Acrolein	3.57	56	15951	79.852 ug/l	99
14) Acrylonitrile	4.93	53	83491	97.830 ug/l	99
15) Acetone	3.78	58	24072	97.459 ug/l	96
16) Carbon Disulfide	4.01	76	78471	19.991 ug/l	99
17) Allyl chloride	4.27	41	51919	19.351 ug/l	97
18) Methylene Chloride	4.50	84	52360	25.594 ug/l	98
19) trans-1,2-Dichloroethene	4.99	96	31790	19.771 ug/l	95
20) Diisopropyl ether	5.90	45	128895	20.511 ug/l	99
21) 1,1-Dichloroethane	5.79	63	70046	20.310 ug/l	100
22) cis-1,2-Dichloroethene	6.78	96	39462	19.805 ug/l	100
23) tert-Butyl Alcohol	4.73	59	27514	98.407 ug/l	# 100
24) Methyl tert-Butyl Ether	4.99	73	106411	19.837 ug/l	100
25) Chloroform	7.33	83	69377	20.199 ug/l	98
26) Cyclohexane	7.61	56	59491	20.038 ug/l	# 99
29) 1,1-Dichloropropene	7.75	75	45990	19.517 ug/l	99
30) 2-Butanone	6.79	43	105989	96.503 ug/l	99
31) 2,2-Dichloropropane	6.77	77	56668	19.785 ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	56733	19.990 ug/l	99
33) Carbon Tetrachloride	7.73	117	48007	19.864 ug/l	98
34) Benzene	8.00	78	150651	19.950 ug/l	98
35) Methacrylonitrile	7.12	41	18722	17.936 ug/l	96
36) 1,2-Dichloroethane	8.08	62	50972	19.786 ug/l	99
37) Trichloroethene	8.80	130	36973	19.993 ug/l	96
38) Methylcyclohexane	9.05	83	56482	19.110 ug/l	99
39) 1,2-Dichloropropane	9.08	63	43591	19.835 ug/l	98
40) Dibromomethane	9.17	93	25119	19.686 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	56123	19.848	ug/l	97
42) Vinyl Acetate	5.84	43	393033	94.465	ug/l	100
43) Ethyl Acetate	6.88	43	40741	19.435	ug/l #	84
44) Isopropyl Acetate	8.13	43	68119	19.356	ug/l	97
45) 1,4-Dioxane	9.17	88	13137	398.571	ug/l	96
46) Methyl methacrylate	9.17	41	32780	18.919	ug/l	98
47) n-amyl Acetate	12.05	43	56045	17.943	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	56418	18.892	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	63163	19.431	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	38970	19.808	ug/l	98
51) Ethyl methacrylate	10.40	69	50456	18.850	ug/l	98
52) 1,3-Dichloropropane	10.68	76	64265	19.771	ug/l	99
53) Dibromochloromethane	10.87	129	41777	19.351	ug/l	100
54) 1,2-Dibromoethane	10.98	107	37147	19.682	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	48259	87.773	ug/l	99
56) Bromoform	12.10	173	29350	18.565	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	220876	100.280	ug/l	100
59) 2-Hexanone	10.72	43	151633	96.507	ug/l	99
61) Tetrachloroethene	10.60	164	33948	20.225	ug/l	98
62) Toluene	10.12	91	163291	20.123	ug/l	99
64) Chlorobenzene	11.41	112	99724	19.861	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	39649	19.923	ug/l	98
66) Ethyl Benzene	11.48	91	171317	19.368	ug/l	99
67) m/p-Xylenes	11.60	106	132605	40.017	ug/l	98
68) o-Xylene	11.92	106	62149	19.524	ug/l	100
69) Styrene	11.94	104	106709	19.190	ug/l	99
70) Isopropylbenzene	12.22	105	170271	19.663	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	55124	19.851	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	45926m	18.639	ug/l	
73) Bromobenzene	12.50	156	44724	19.152	ug/l	99
74) n-propylbenzene	12.57	91	199401	19.197	ug/l	99
75) 2-Chlorotoluene	12.65	91	120915	19.531	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	143103	19.365	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	16240	18.648	ug/l	96
78) 4-Chlorotoluene	12.75	91	123920	19.414	ug/l	100
79) tert-butylbenzene	12.97	119	122556	19.710	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	138992	19.322	ug/l	99
81) sec-Butylbenzene	13.15	105	167298	19.532	ug/l	99
82) p-Isopropyltoluene	13.26	119	143999	18.964	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	77290	18.956	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	76149	19.109	ug/l	100
85) n-Butylbenzene	13.59	91	110705	17.544	ug/l	99
86) Hexachloroethane	13.85	117	29285	19.582	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	75291	19.281	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.25	75	7883	17.897	ug/l	91
89) 1,2,4-Trichlorobenzene	14.89	180	32022	16.617	ug/l	97
90) Hexachlorobutadiene	14.98	225	27256	19.109	ug/l	99
91) Naphthalene	15.10	128	63194	14.841	ug/l	98
92) 1,2,3-Trichlorobenzene	15.29	180	32576	16.932	ug/l	99

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Instrument :
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ClientSampleId :
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QLast Update : Thu Aug 20 14:01:17 2020
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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

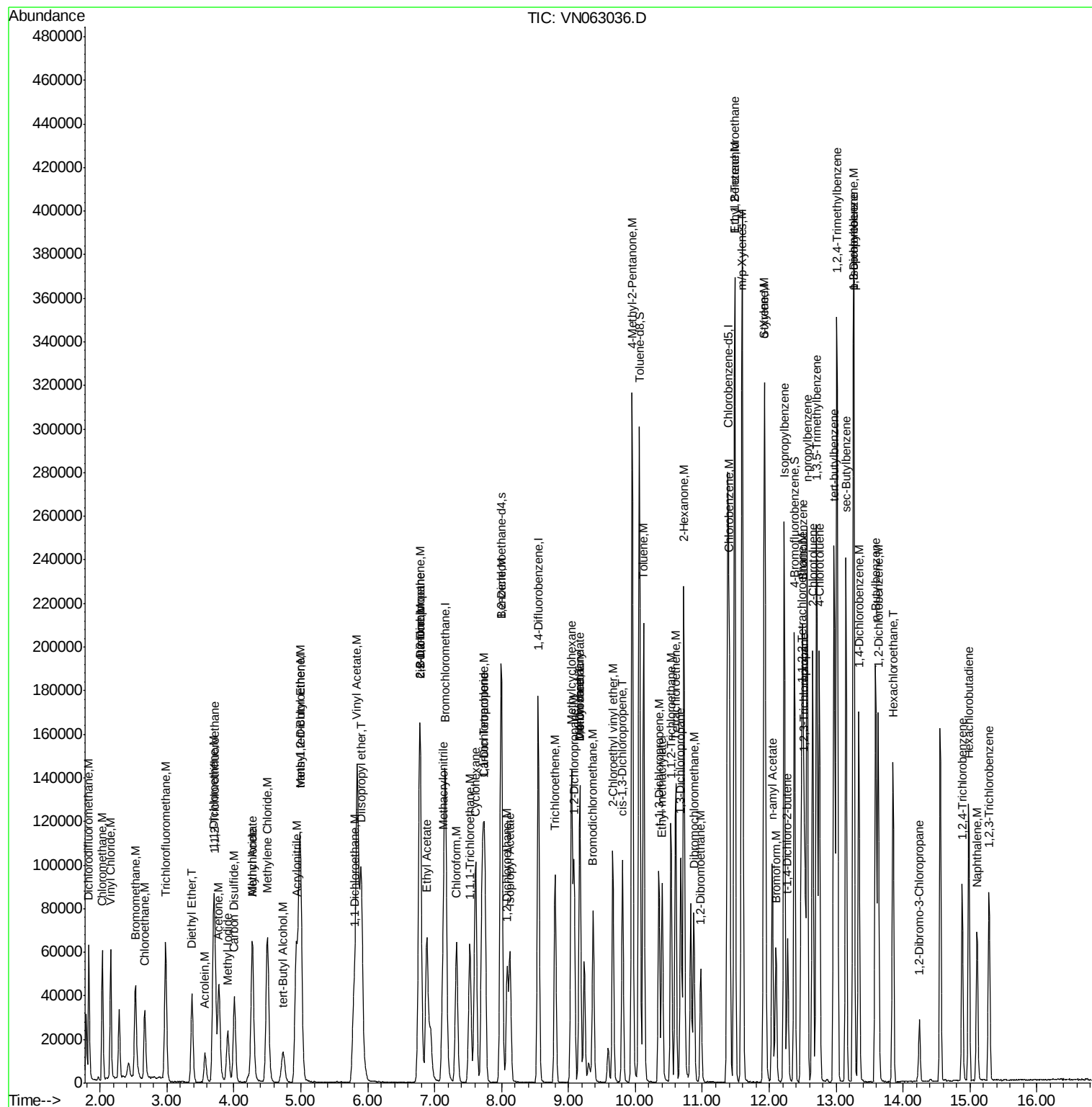
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063036.D
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ALS Vial : 13 Sample Multiplier: 1

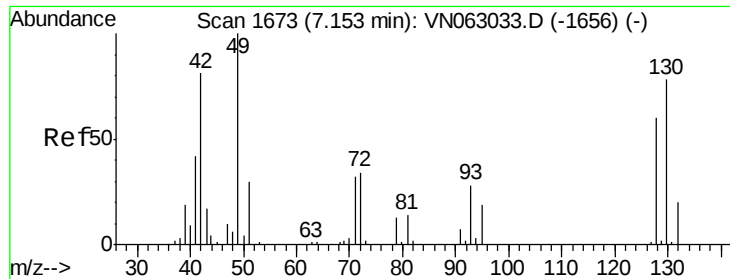
Instrument :
MSVOA_N
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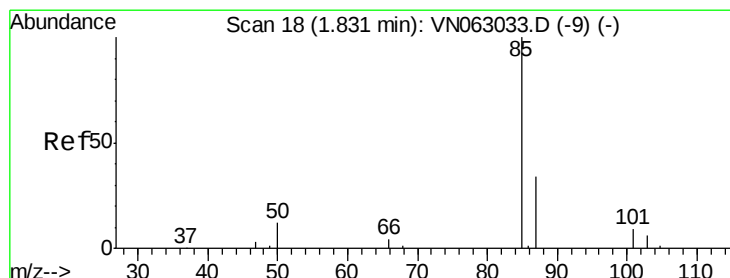
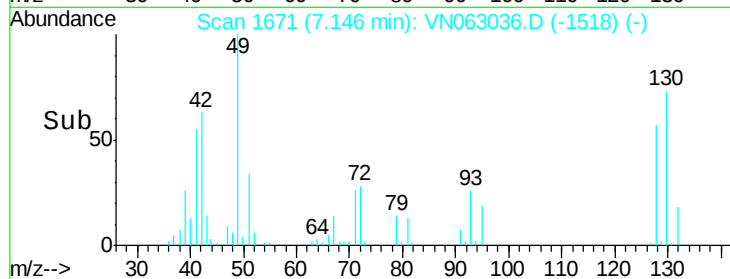
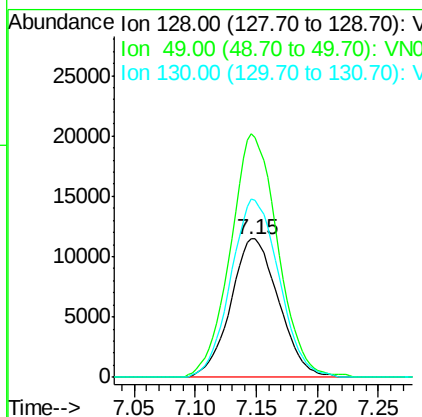
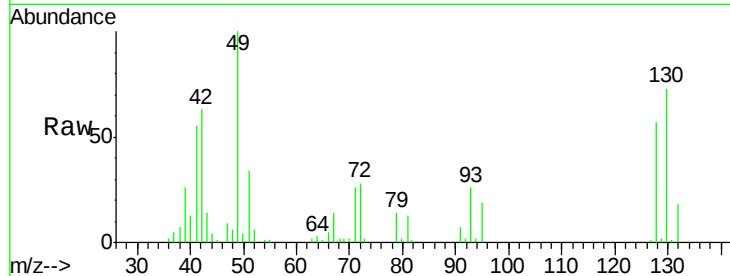
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

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ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	172.9	0.0	437.5
130	129.6	0.0	327.3

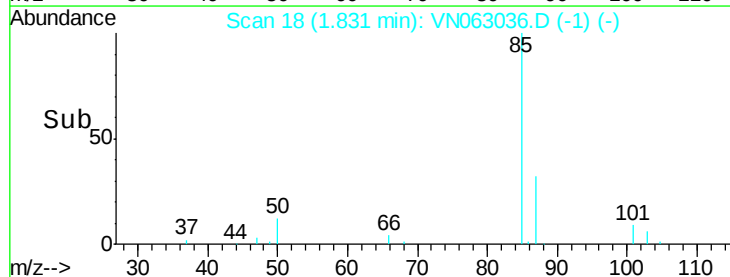
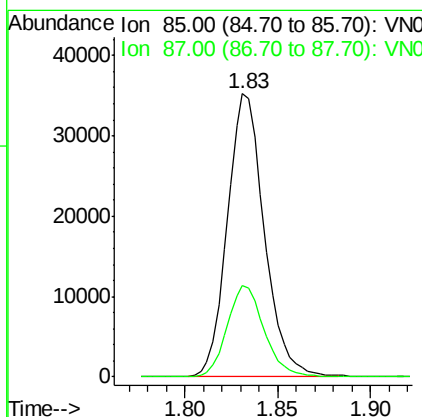
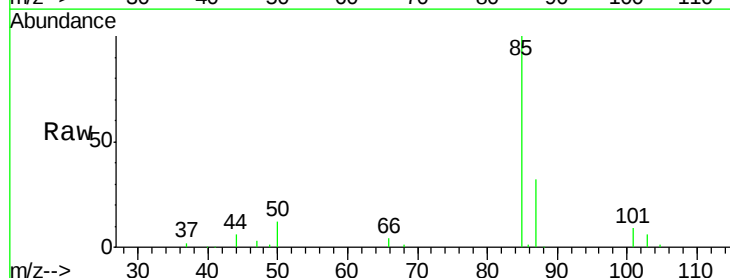
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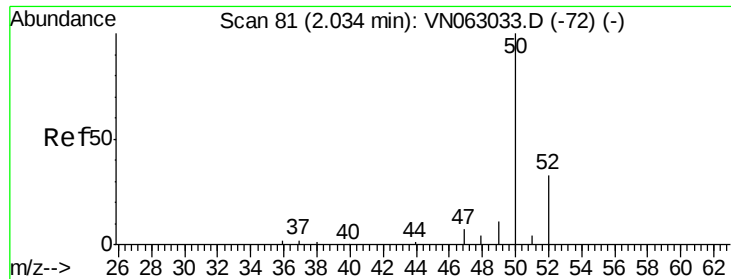
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#2
Dichlorodifluoromethane
Concen: 21.818 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.9	50.6





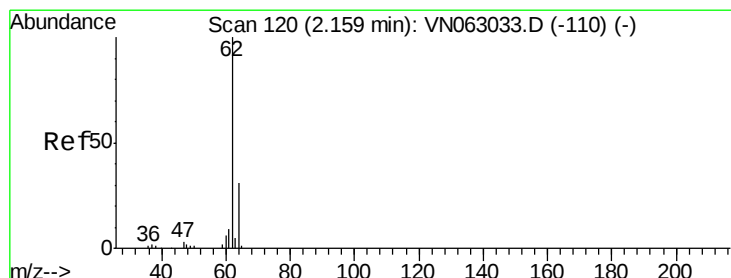
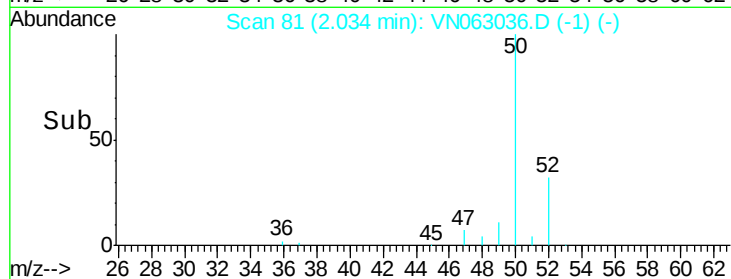
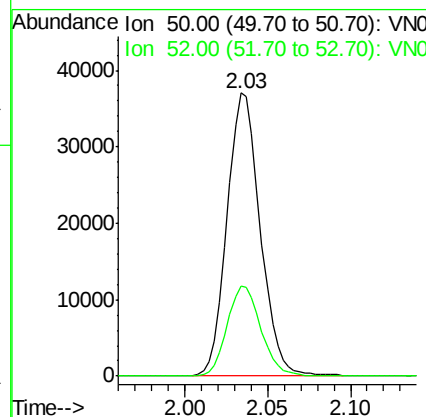
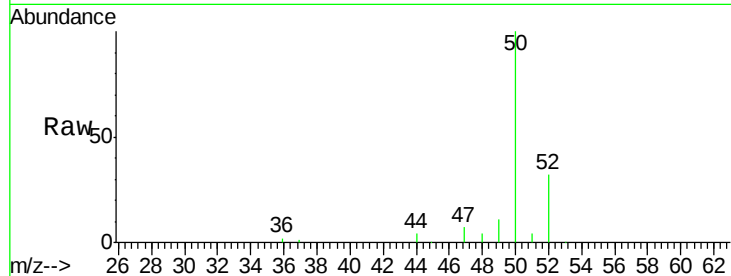
#3
Chloromethane
Concen: 20.796 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.0	39.0

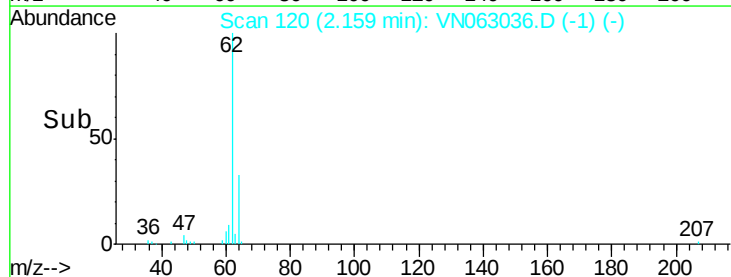
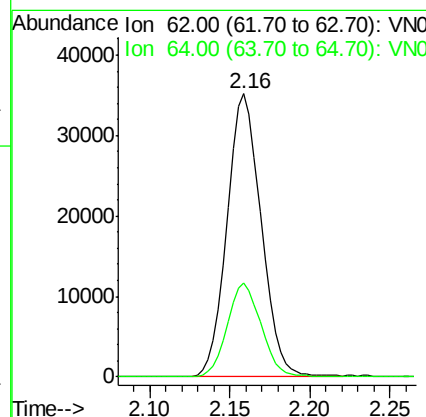
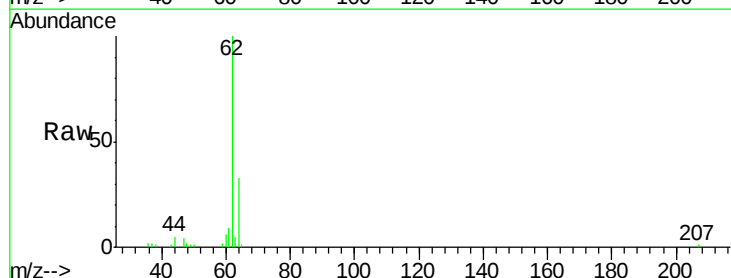
Manual Integrations
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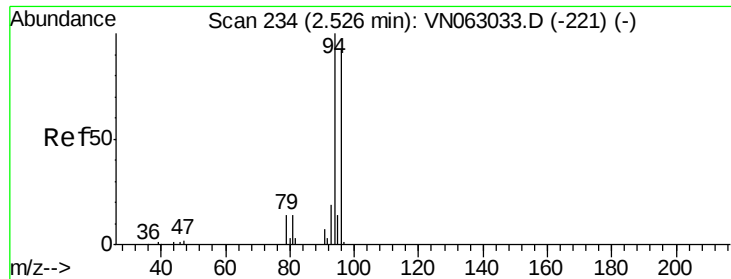
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#4
Vinyl Chloride
Concen: 20.617 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.0	37.4





#5

Bromomethane

Concen: 20.700 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tot Ion: 94 Resp: 31844

Ion Ratio Lower Upper

94 100

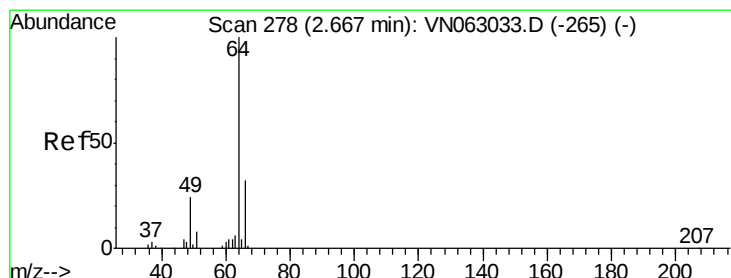
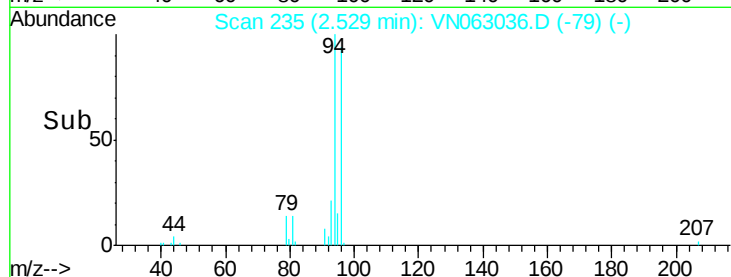
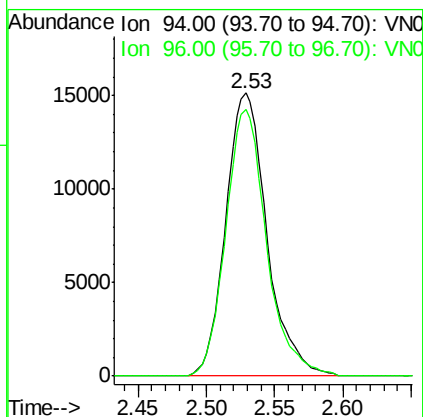
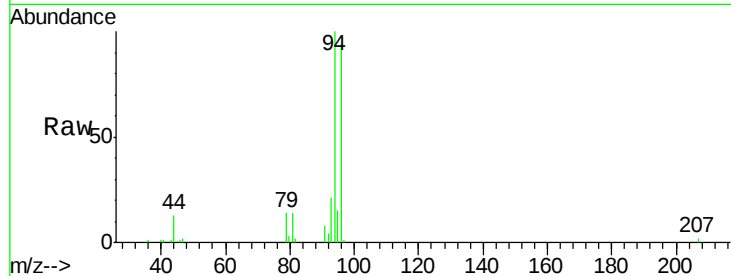
96 94.2 74.0 111.0

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#6

Chloroethane

Concen: 21.076 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN063036.D

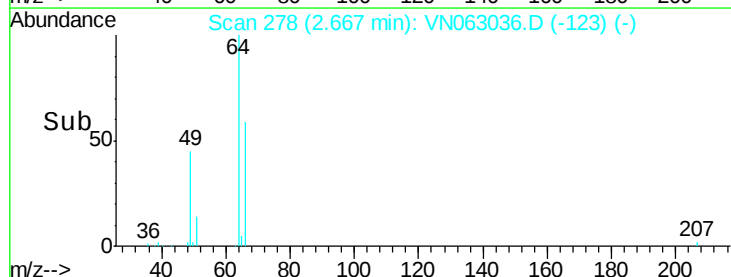
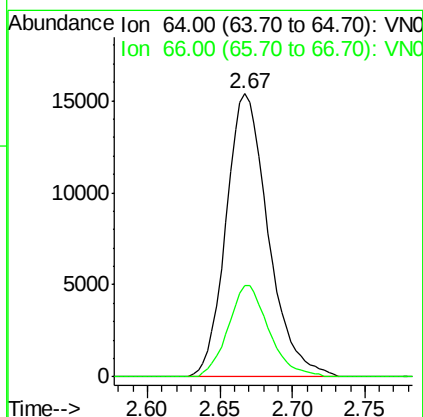
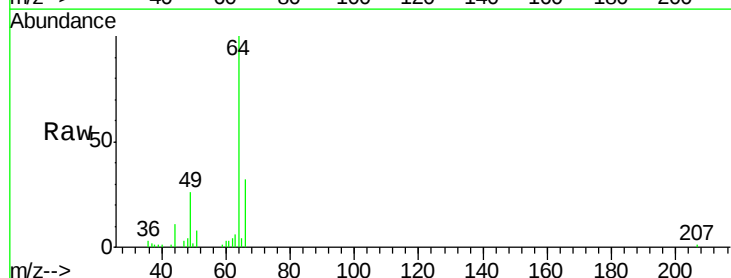
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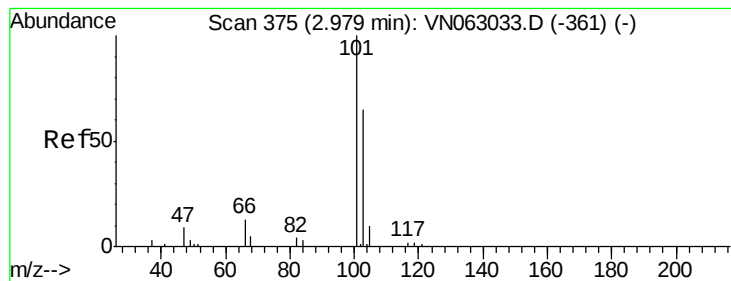
Tgt Ion: 64 Resp: 31085

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.8





#7

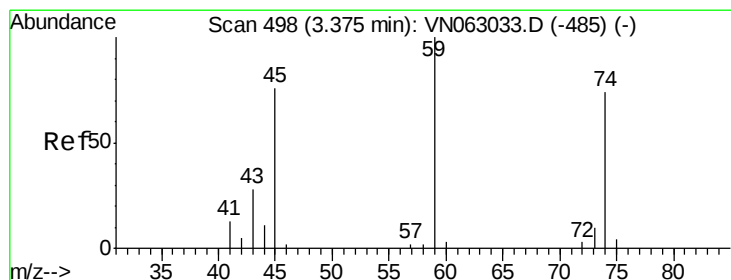
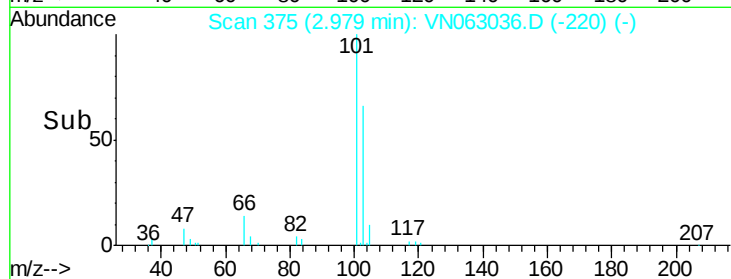
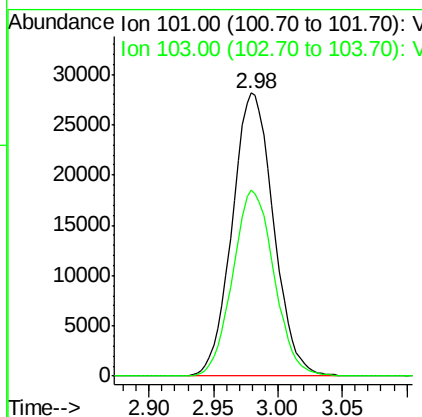
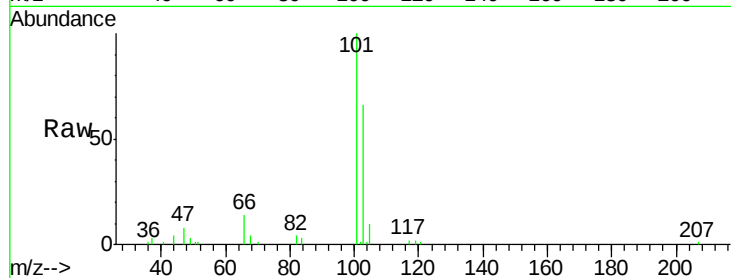
Trichlorofluoromethane
 Concen: 20.901 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.9	77.9

Manual Integrations
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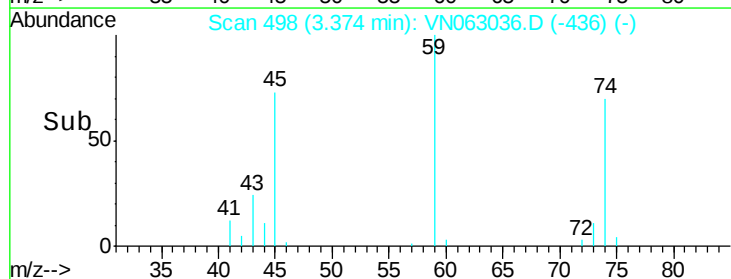
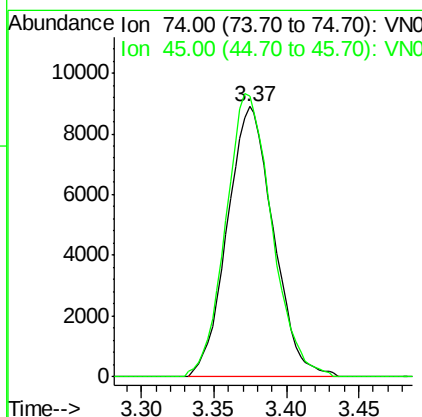
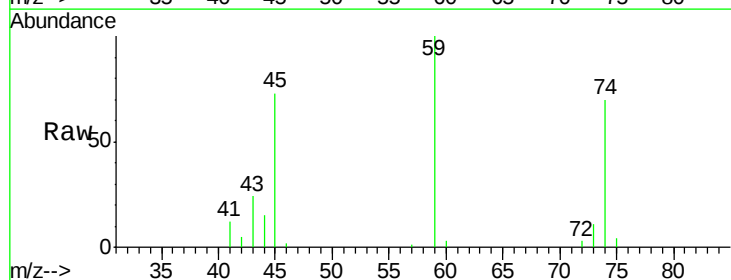
MMDadoda
 8/21/2020 9:21:06 AM

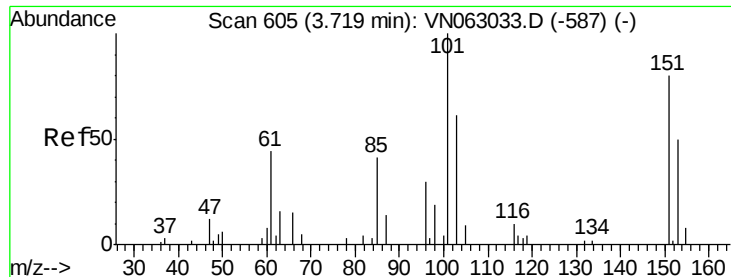


#8

Diethyl Ether
 Concen: 19.707 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.6	20.6	185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.890 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

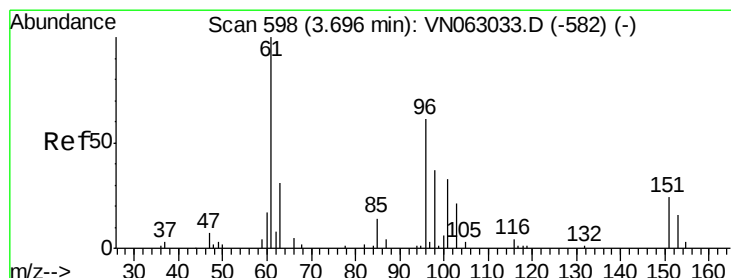
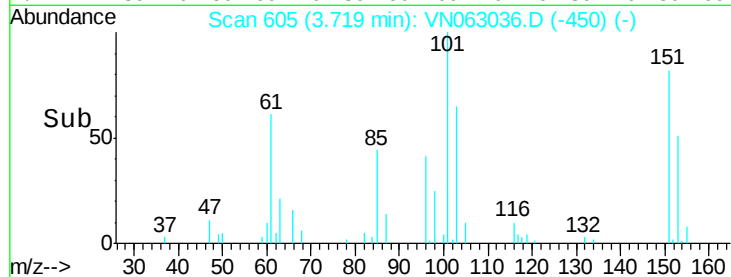
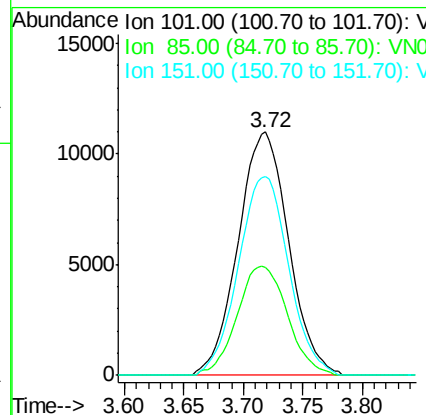
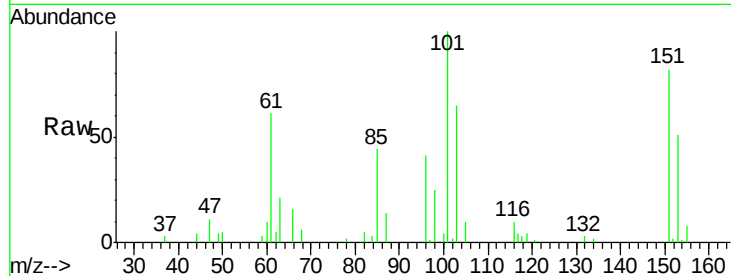
ClientSampled :

VN0820WBS01

Tot Ion:	101	Resp:	32366
Ion Ratio	Lower	Upper	
101	100		
85	44.7	0.0	85.0
151	81.4	0.0	161.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.608 ug/l

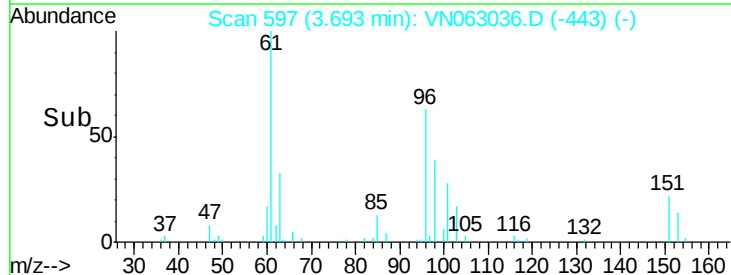
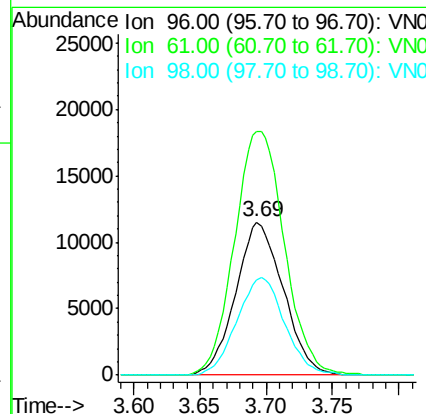
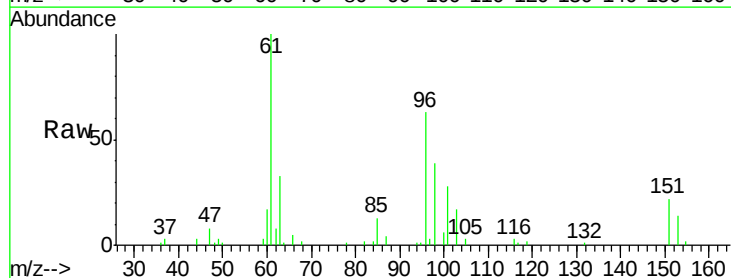
RT: 3.69 min Scan# 597

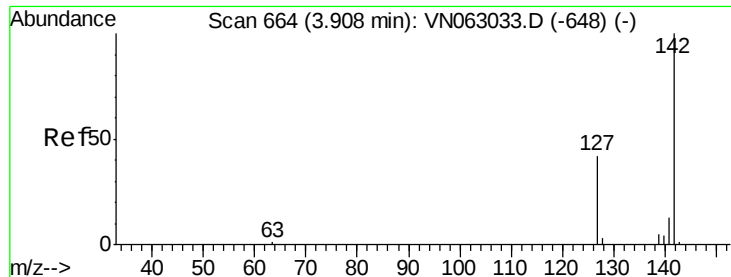
Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Tgt Ion:	96	Resp:	28671
Ion Ratio	Lower	Upper	
96	100		
61	157.8	130.8	196.2
98	62.7	49.0	73.4





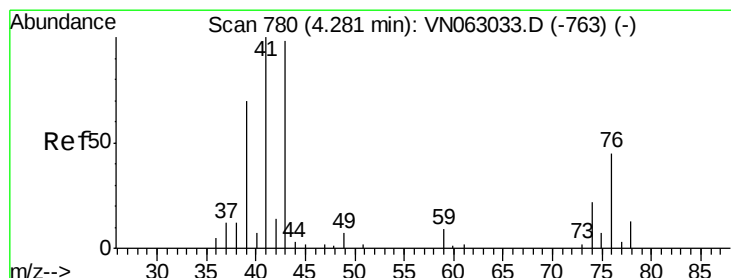
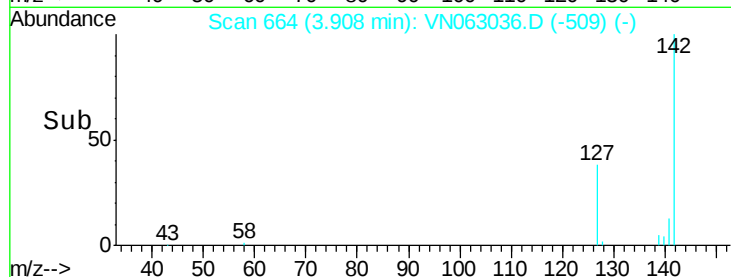
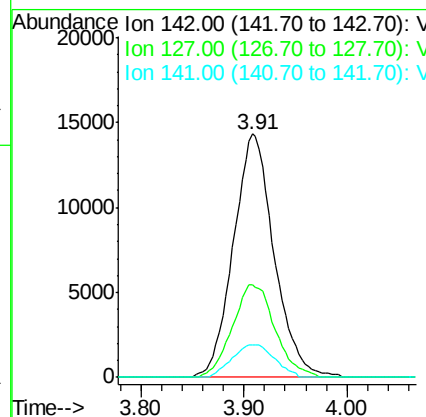
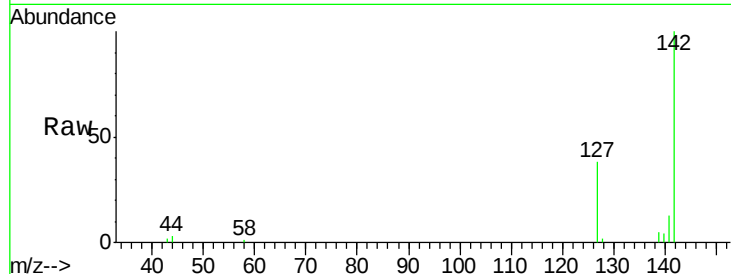
#11
Methvl Iodide
Concen: 19.619 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.8	20.9	62.8
141	13.5	6.7	20.1

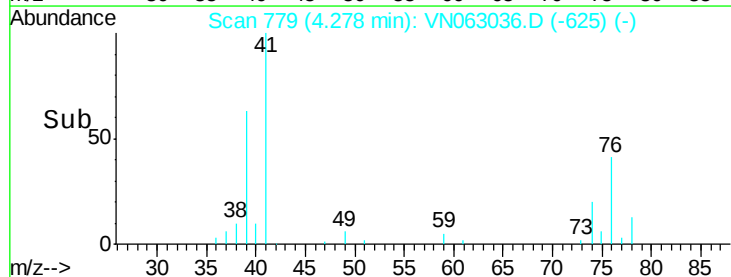
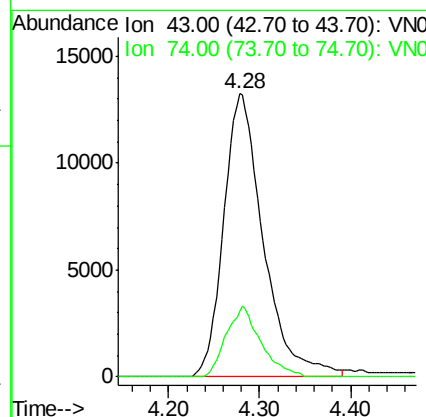
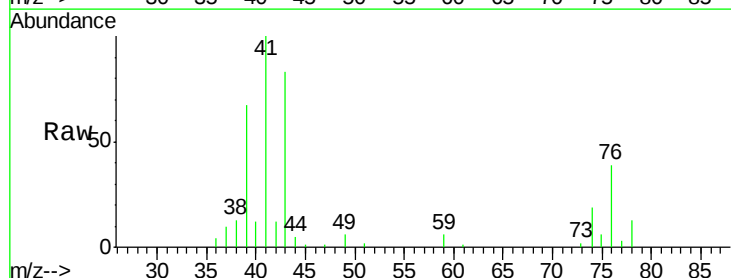
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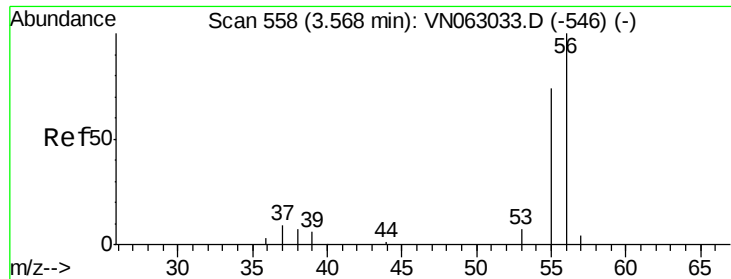
MMDadoda
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#12
Methyl Acetate
Concen: 20.594 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	27.8





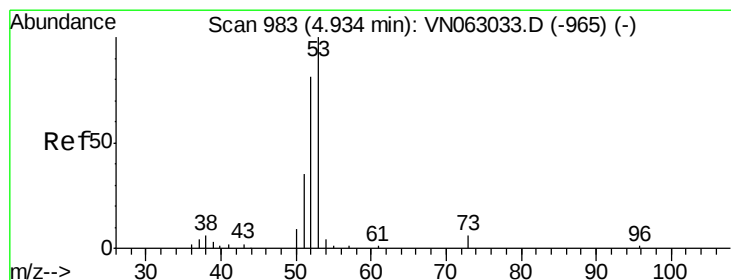
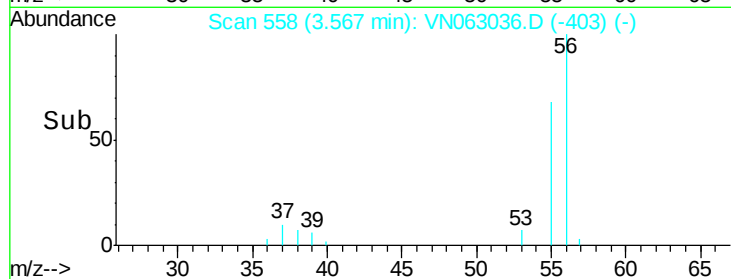
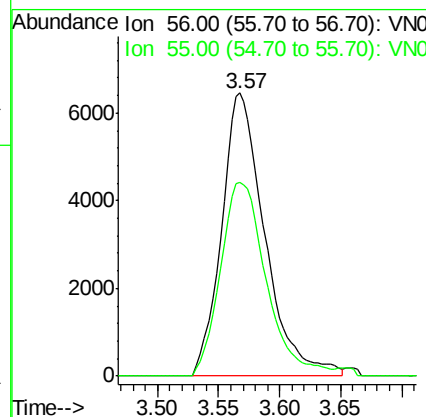
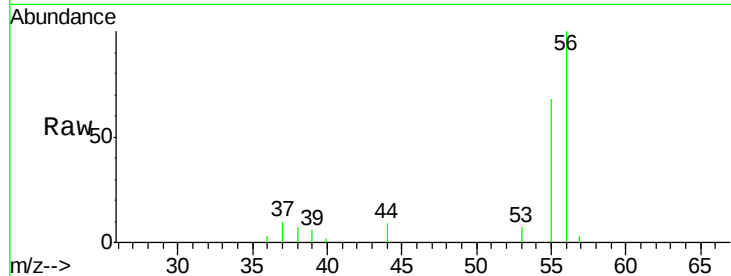
#13
Acrolein
Concen: 79.852 ug/l
RT: 3.57 min Scan# 558
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.3	58.7	88.1	

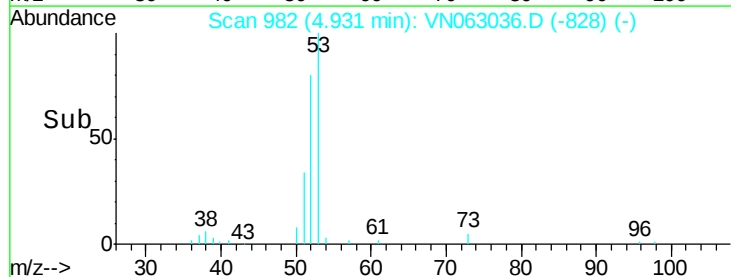
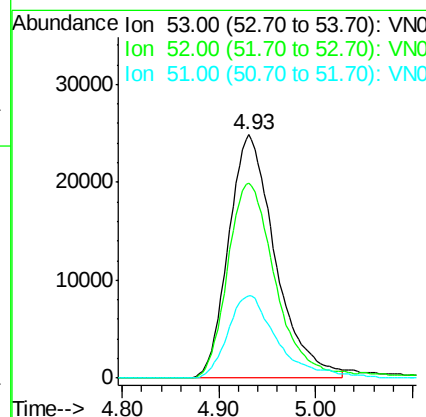
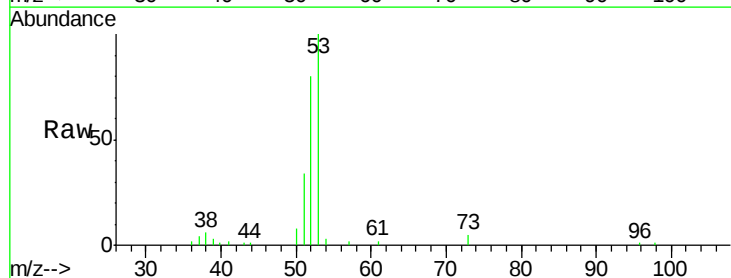
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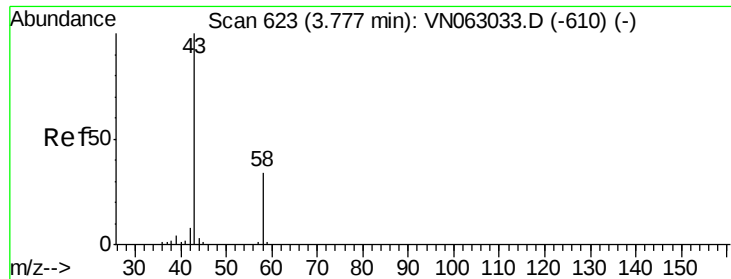
MMDadoda
8/21/2020 9:21:06 AM



#14
Acrylonitrile
Concen: 97.830 ug/l
RT: 4.93 min Scan# 982
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	80.8	39.9	119.7	
51	34.3	17.0	51.0	





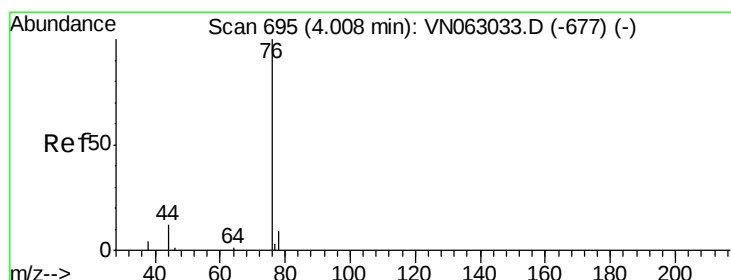
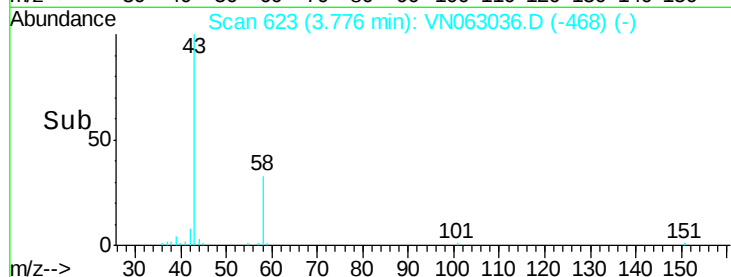
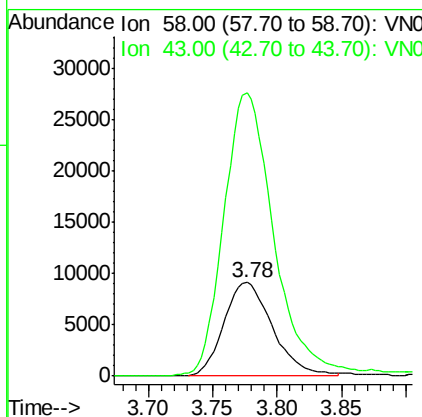
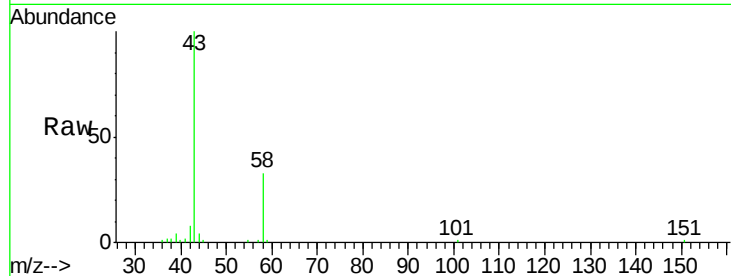
#15
Acetone
Concen: 97.459 ug/l
RT: 3.78 min Scan# 623
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion: 58 Resp: 24072
Ion Ratio Lower Upper
58 100
43 298.3 233.2 349.8

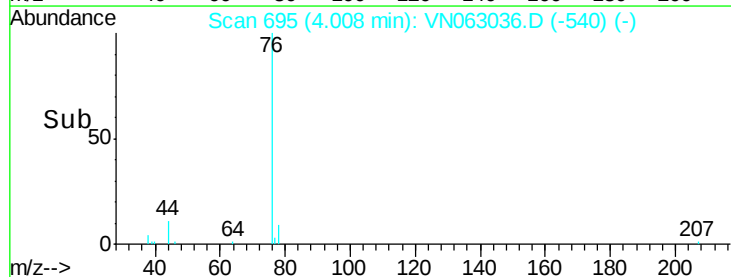
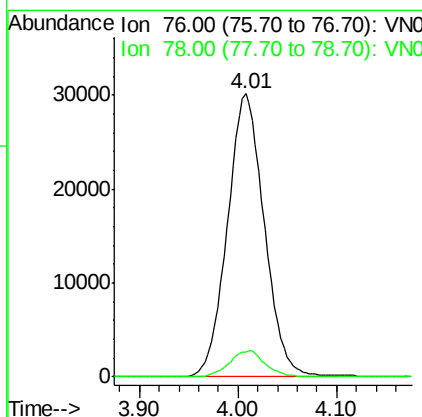
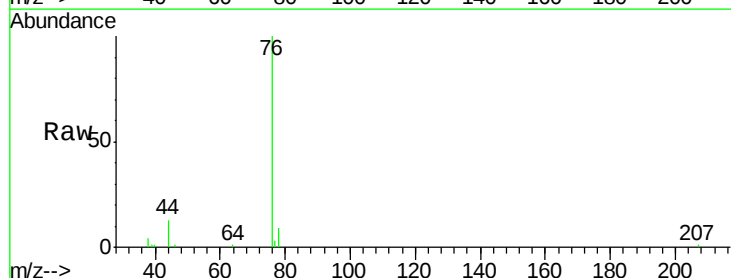
Manual Integrations
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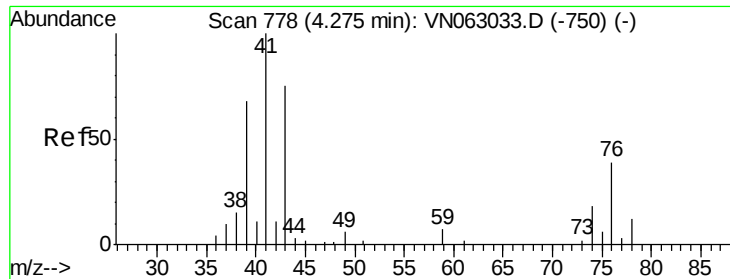
MMDadoda
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#16
Carbon Disulfide
Concen: 19.991 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 76 Resp: 78471
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4





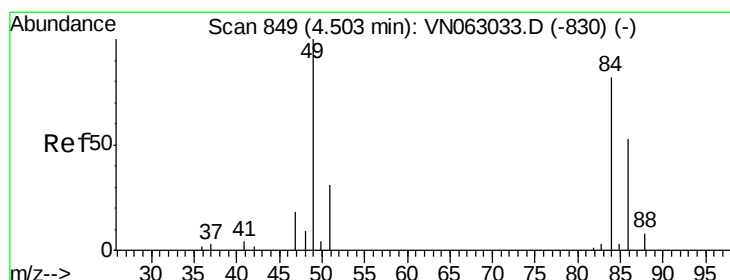
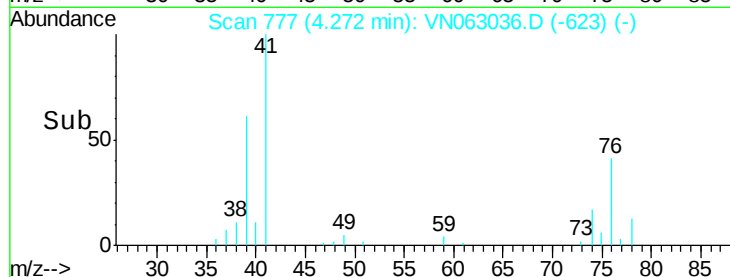
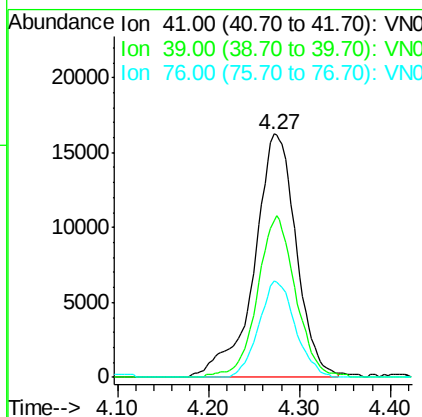
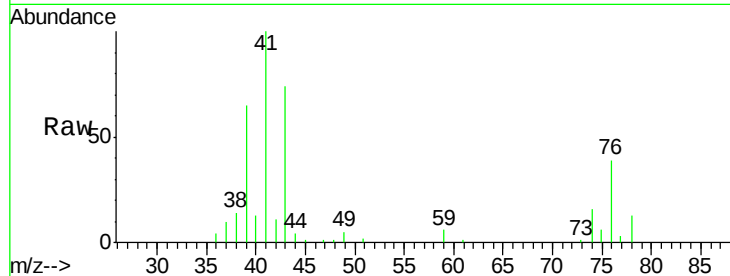
#17
Allvl chloride
Concen: 19.351 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.6	33.8	101.4
76	39.4	19.4	58.4

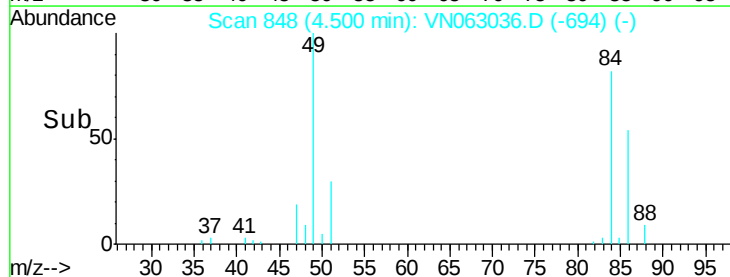
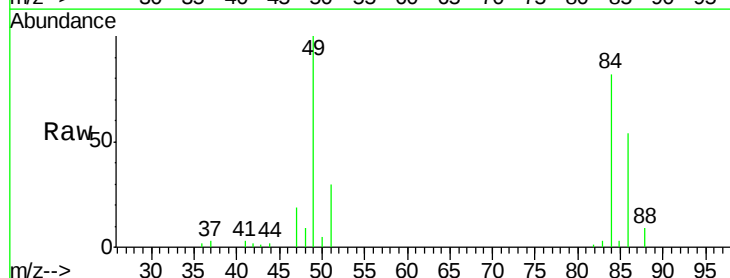
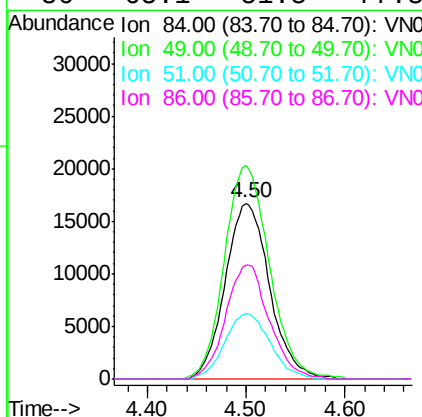
Manual Integrations
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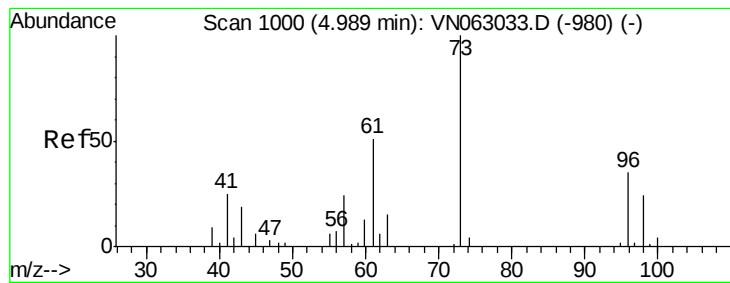
MMDadoda
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#18
Methylene Chloride
Concen: 25.594 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	97.8	146.8
51	36.9	30.7	46.1
86	65.1	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 19.771 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

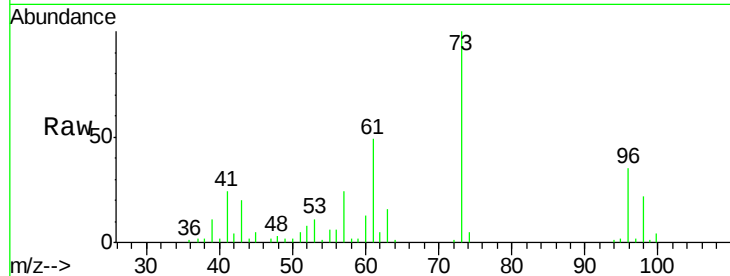
ClientSampleId :

VN0820WBS01

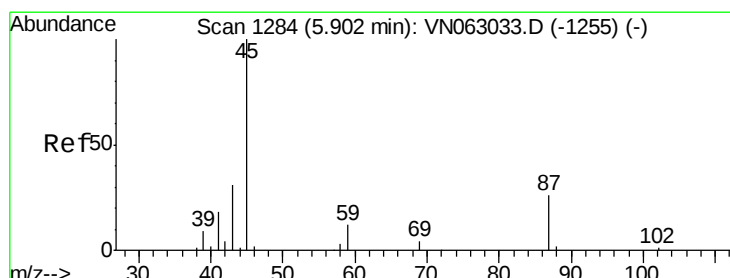
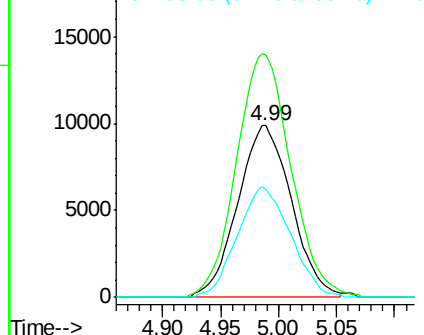
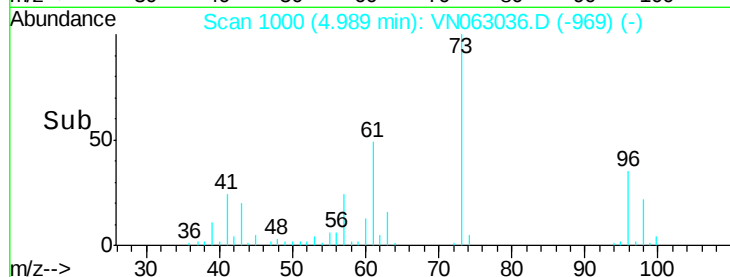
Tot Ion:	96	Resp:	31790
Ion	Ratio	Lower	Upper
96	100		
61	138.8	115.9	173.9
98	63.1	53.3	79.9

Manual Integrations
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Abundance Ion 96.00 (95.70 to 96.70): VN063036.D (-969) (-)



#20

Diisopropyl ether

Concen: 20.511 ug/l

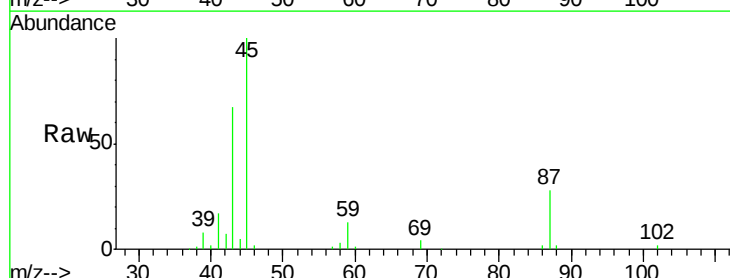
RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

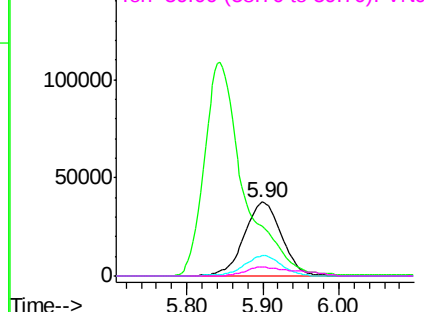
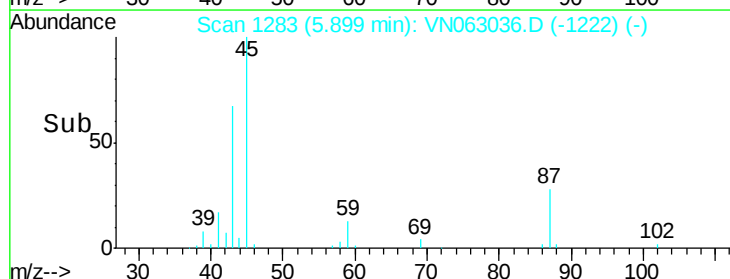
Lab File: VN063036.D

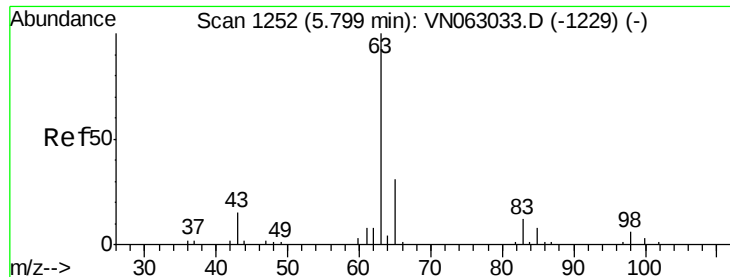
Acq: 20 Aug 2020 14:55

Tgt Ion:	45	Resp:	128895
Ion	Ratio	Lower	Upper
45	100		
43	64.9	51.8	77.6
87	27.7	21.8	32.6
59	12.8	9.6	14.4



Abundance Ion 45.00 (44.70 to 45.70): VN063036.D (-1222) (-)





#21

1,1-Dichloroethane

Concen: 20.310 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

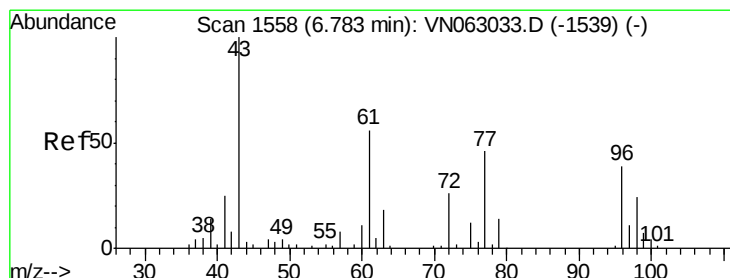
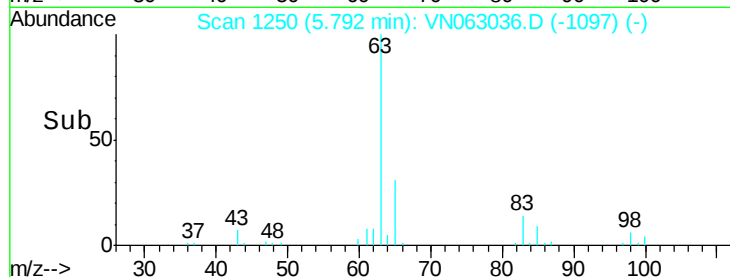
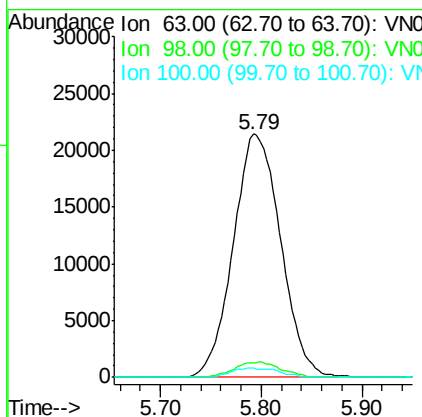
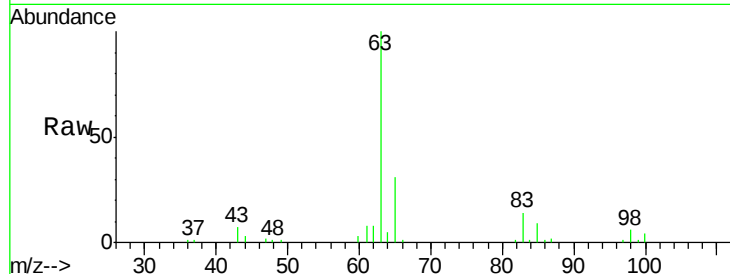
ClientSampleId :

VN0820WBS01

Tot Ion:	63	Resp:	70046
Ion Ratio	Lower	Upper	
63	100		
98	6.1	3.1	9.3
100	3.7	1.8	5.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.805 ug/l

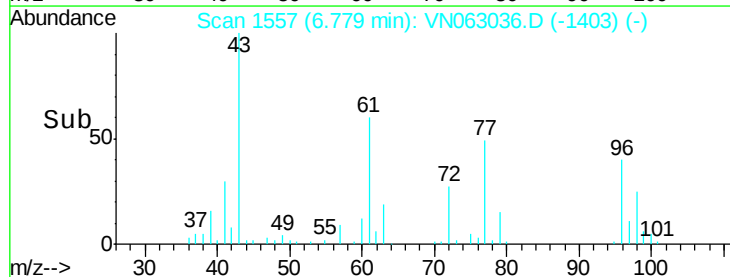
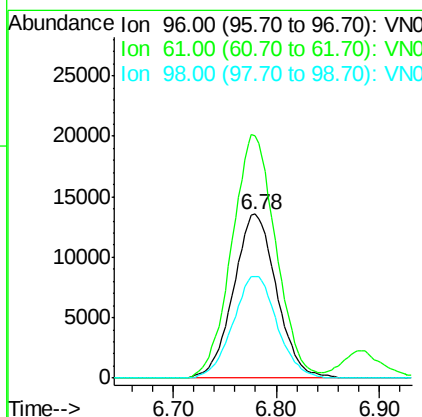
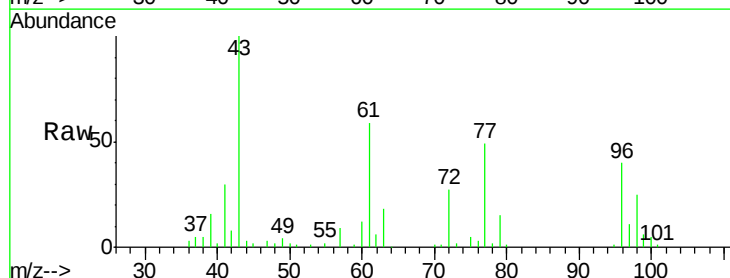
RT: 6.78 min Scan# 1557

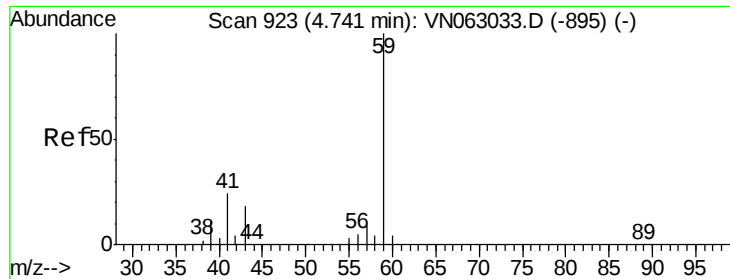
Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Tgt Ion:	96	Resp:	39462
Ion Ratio	Lower	Upper	
96	100		
61	151.4	120.9	181.3
98	63.4	50.3	75.5





#23

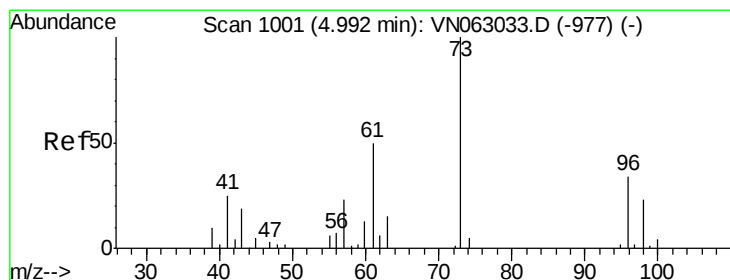
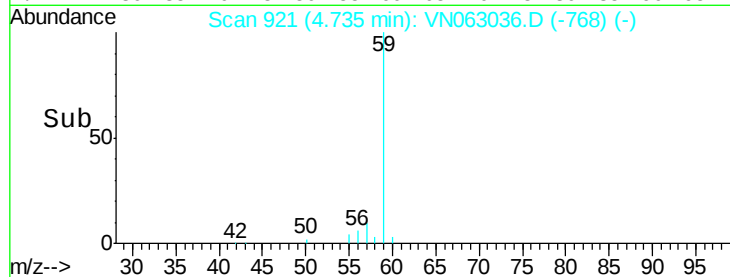
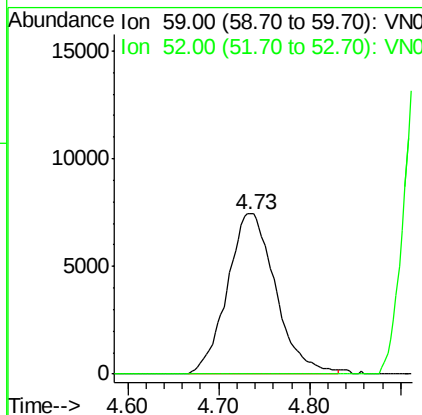
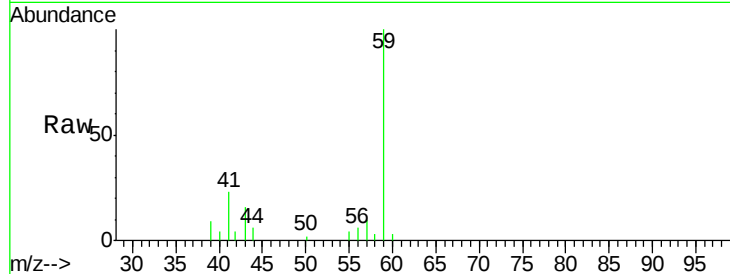
tert-Butyl Alcohol
 Concen: 98.407 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Manual Integrations
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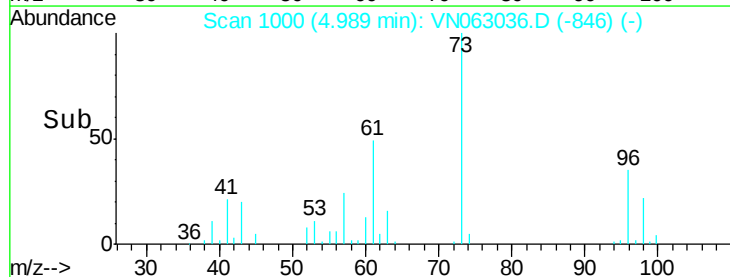
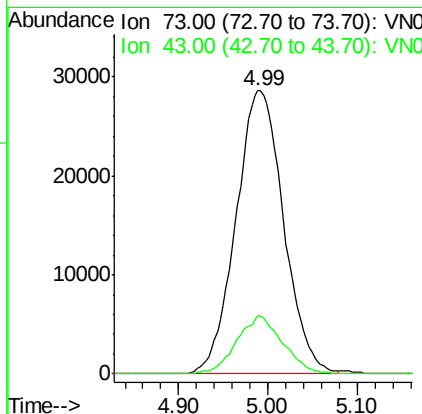
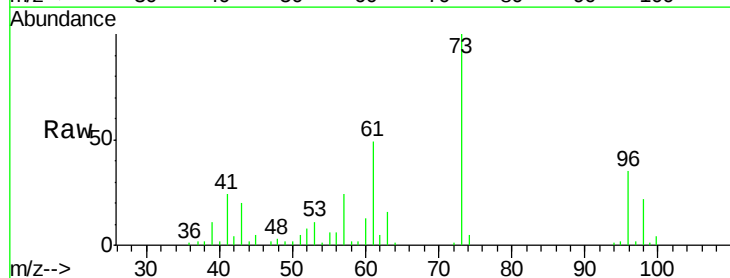
MMDadoda
 8/21/2020 9:21:06 AM

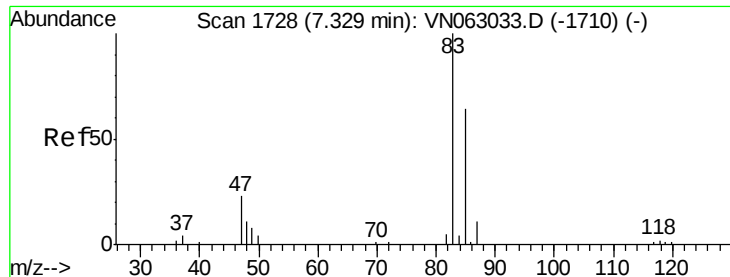


#24

Methyl tert-Butyl Ether
 Concen: 19.837 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.8	15.8	23.6





#25

Chloroform

Concen: 20.199 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tot Ion: 83 Resp: 69377

Ion Ratio Lower Upper

83 100

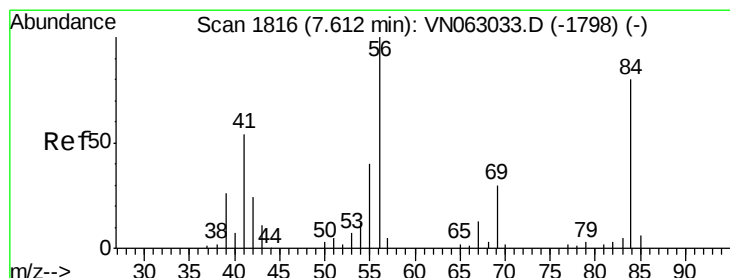
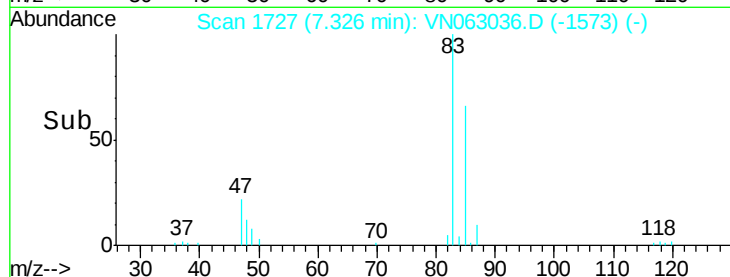
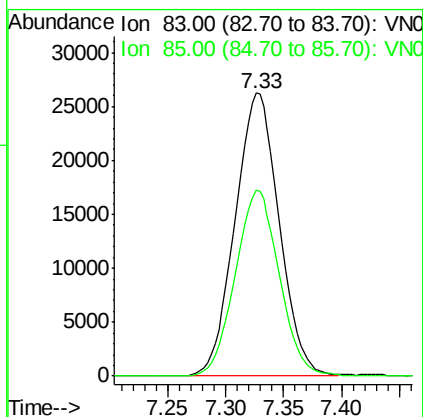
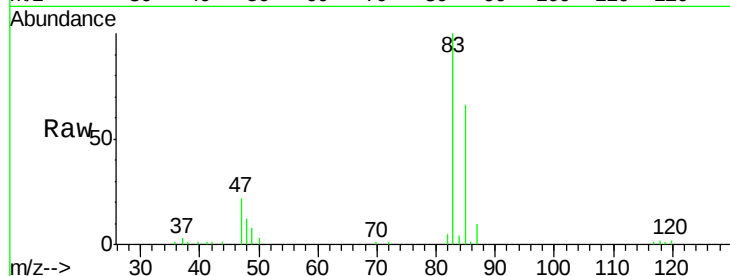
85 65.6 51.0 76.4

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#26

Cyclohexane

Concen: 20.038 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

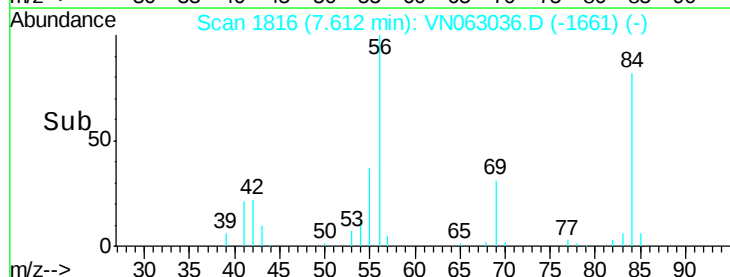
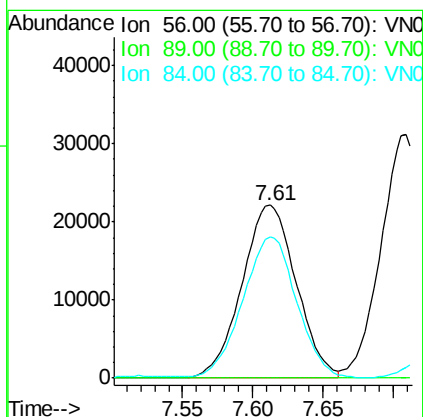
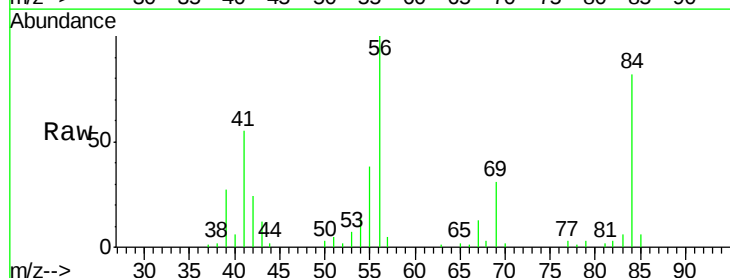
Tgt Ion: 56 Resp: 59491

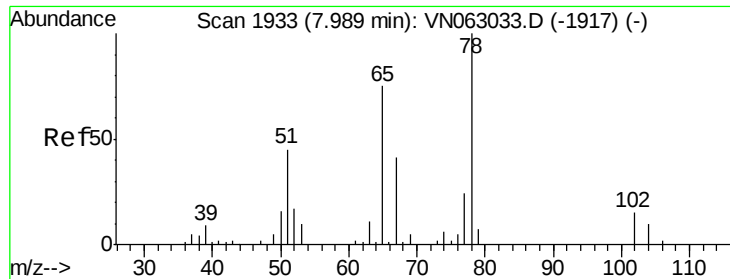
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 81.6 65.0 97.4





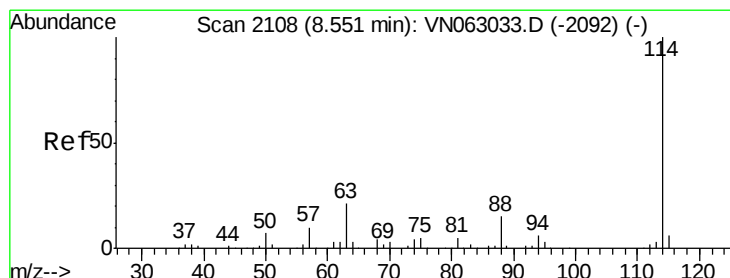
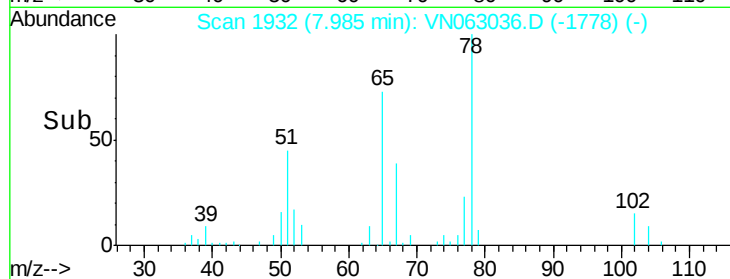
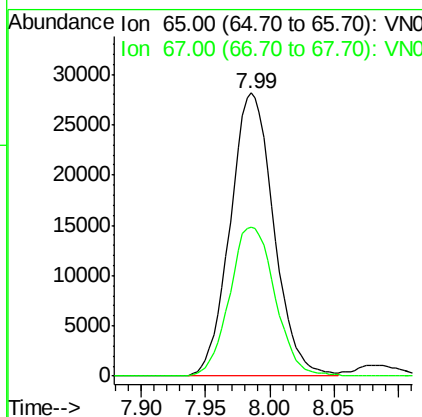
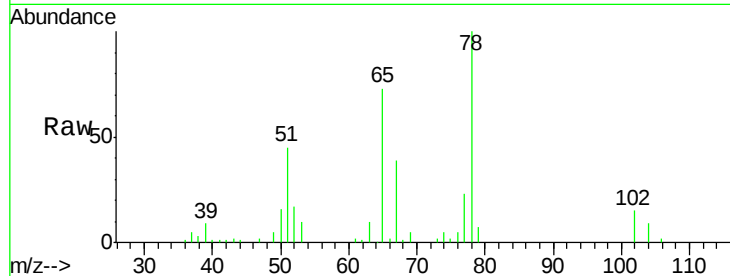
#27
 1,2-Dichloroethane-d4
 Concen: 29.827 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	43.8	65.6

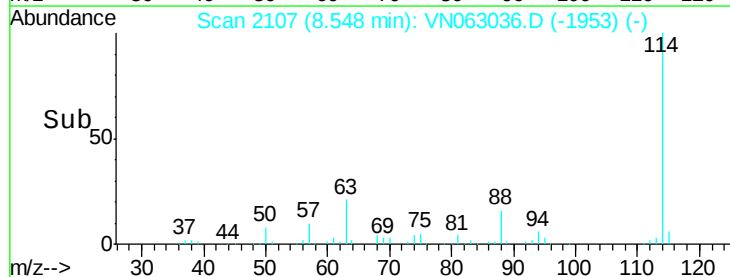
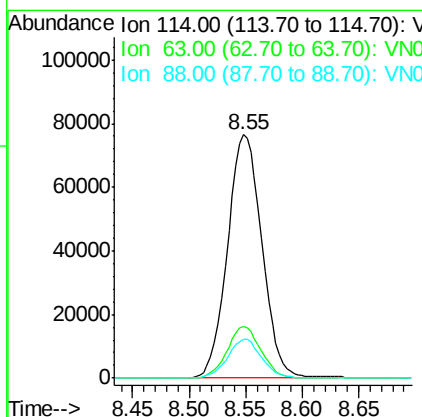
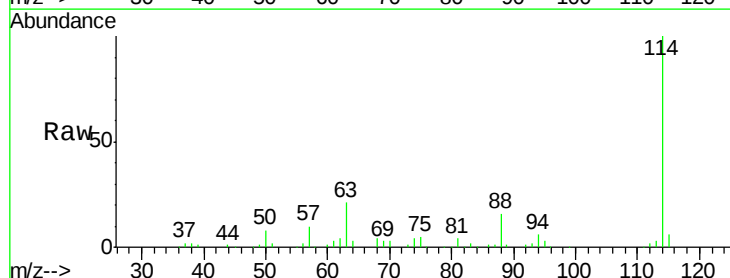
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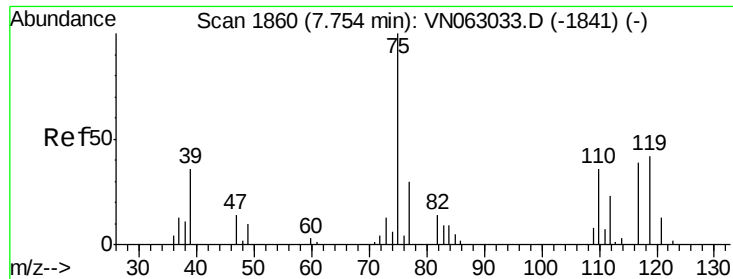
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	17.0	25.6
88	15.7	12.6	18.8





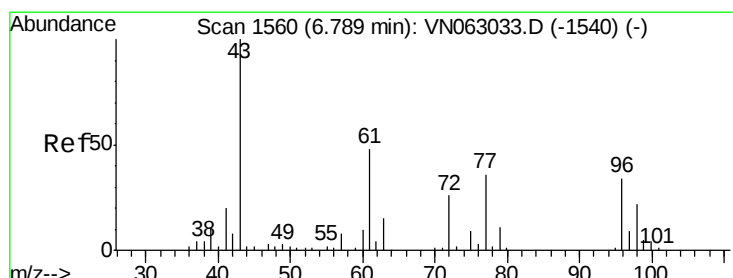
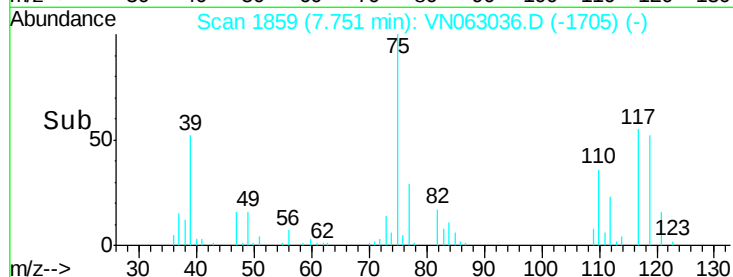
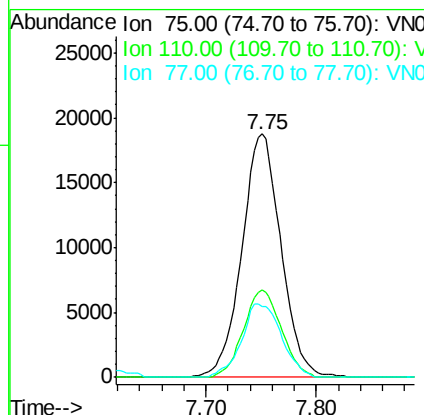
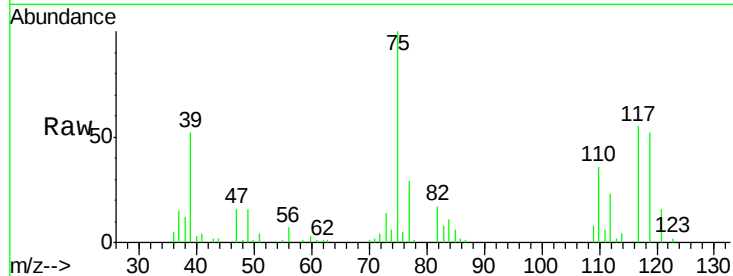
#29
 1,1-Dichloropropene
 Concen: 19.517 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	Ion	Ratio	Resp Lower	Upper
75	100			
110	34.9	0.0	70.6	
77	30.7	0.0	60.2	

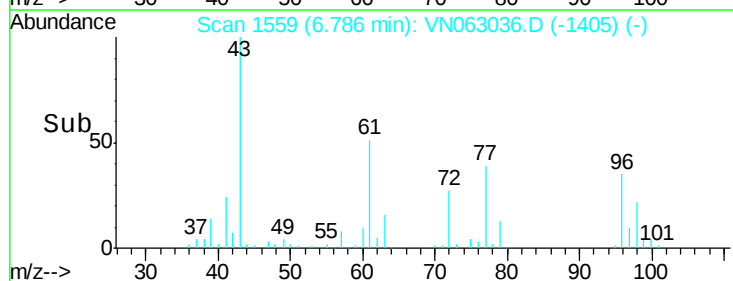
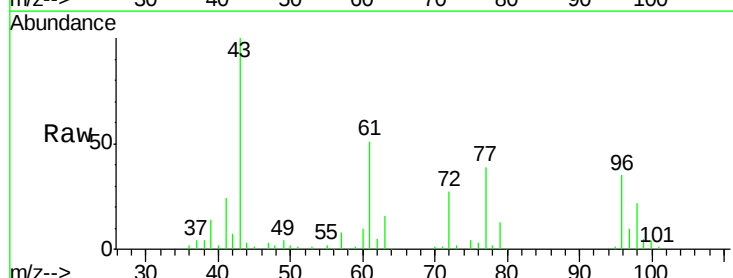
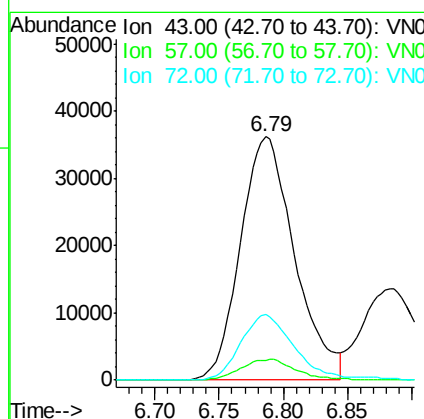
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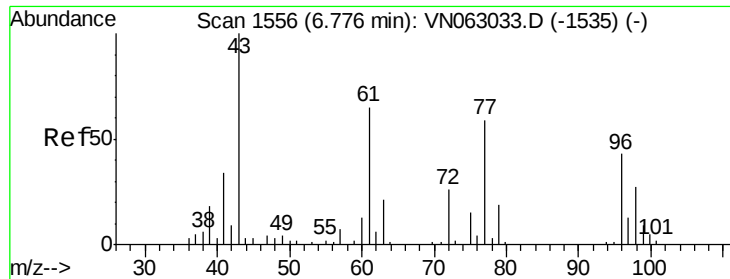
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 8/21/2020 9:21:06 AM



#30
 2-Butanone
 Concen: 96.503 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ion	Ratio	Resp Lower	Upper
43	100			
57	8.6	6.6	9.8	
72	26.2	21.3	31.9	





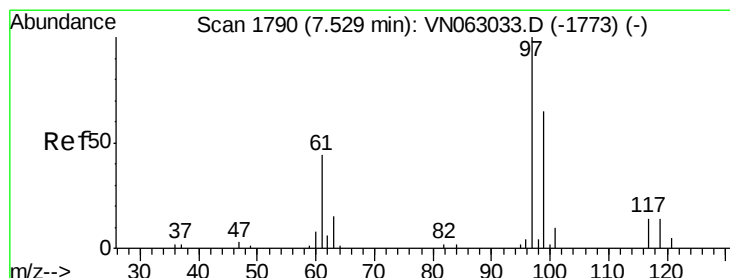
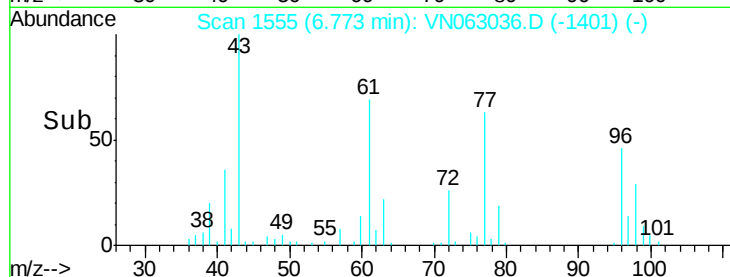
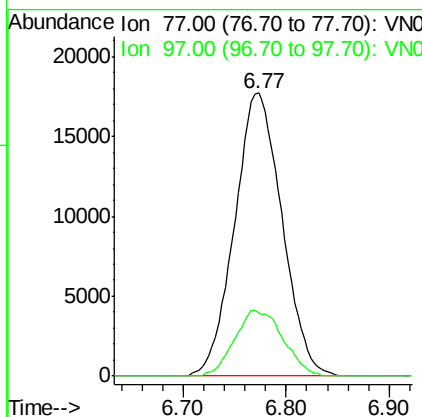
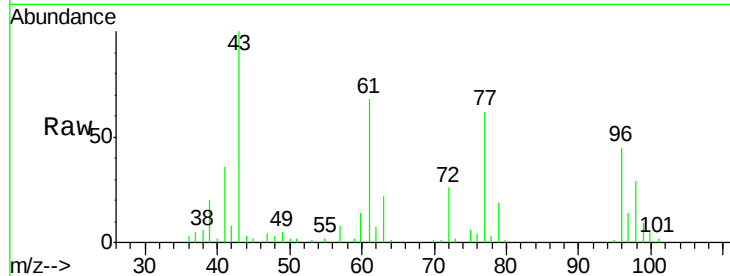
#31
 2,2-Dichloropropane
 Concen: 19.785 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0820WBS01

Tot Ion: 77 Resp: 56668
 Ion Ratio Lower Upper
 77 100
 97 23.7 18.2 27.4

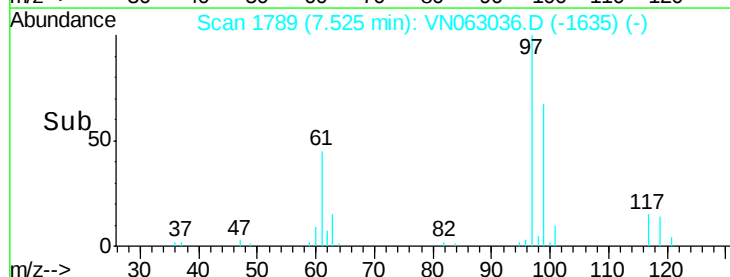
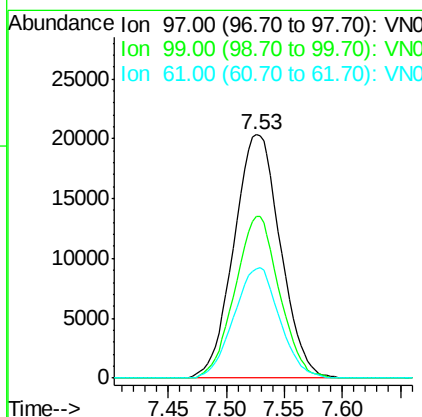
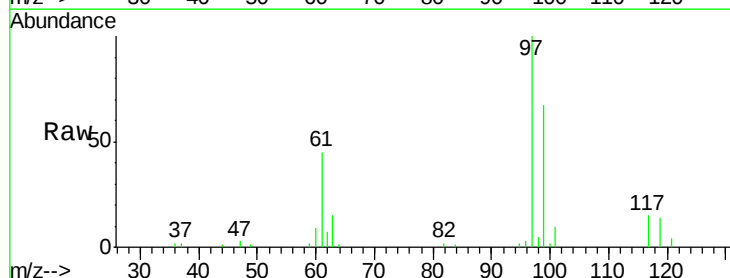
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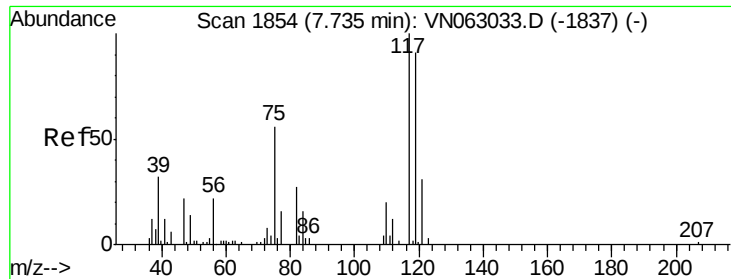
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#32
 1,1,1-Trichloroethane
 Concen: 19.990 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 97 Resp: 56733
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.7 77.5
 61 44.4 35.3 52.9





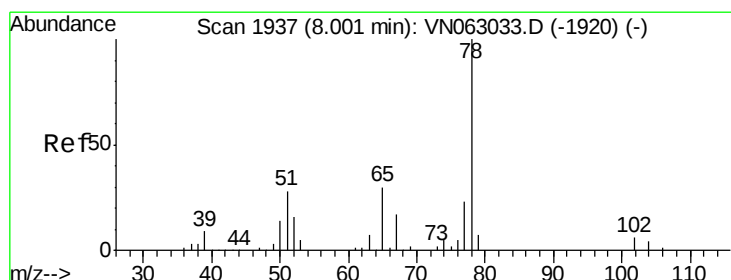
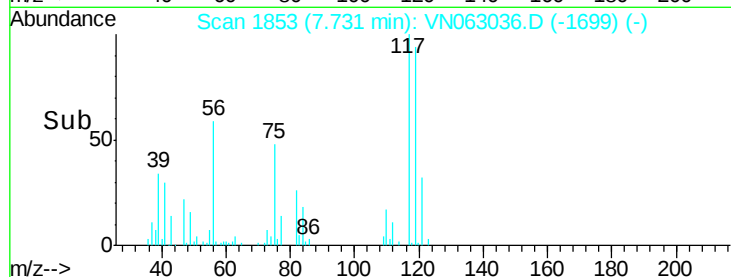
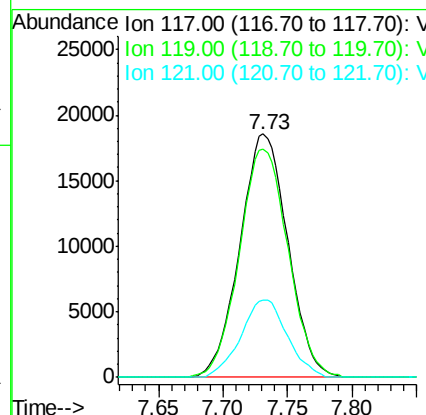
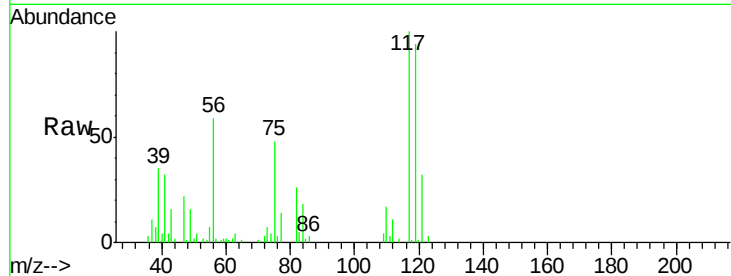
#33
Carbon Tetrachloride
Concen: 19.864 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.5	73.0	109.4
121	31.9	24.9	37.3

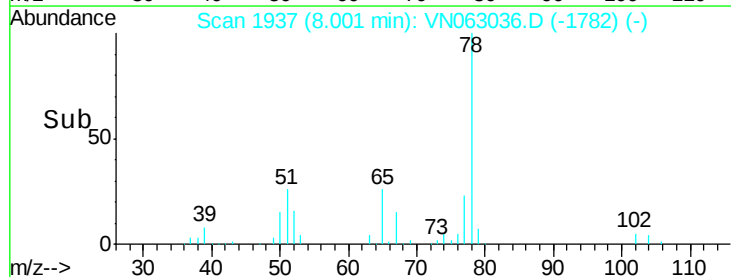
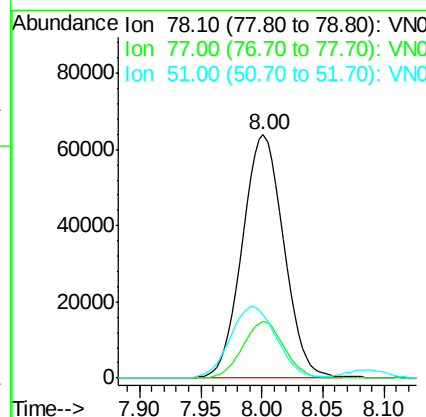
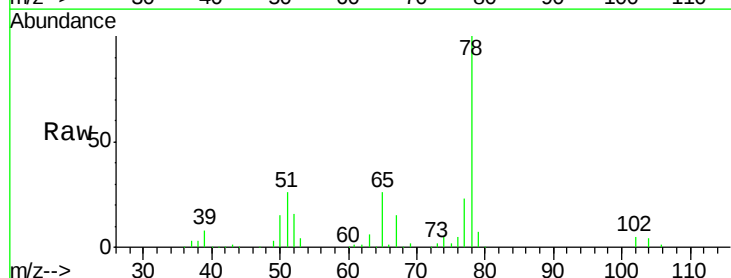
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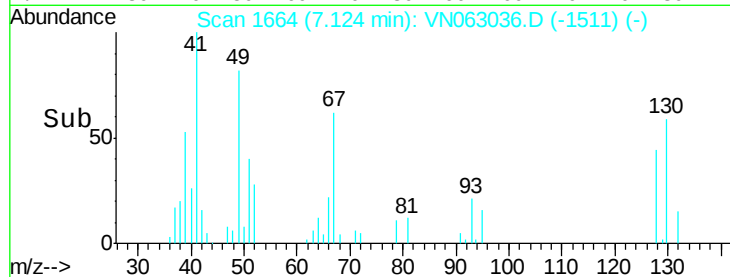
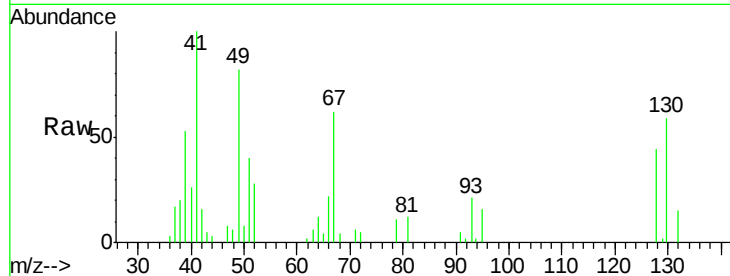
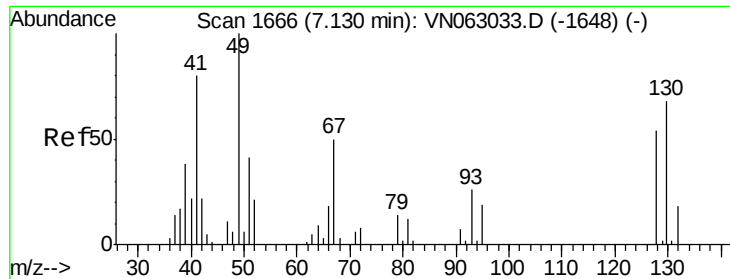
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#34
Benzene
Concen: 19.950 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

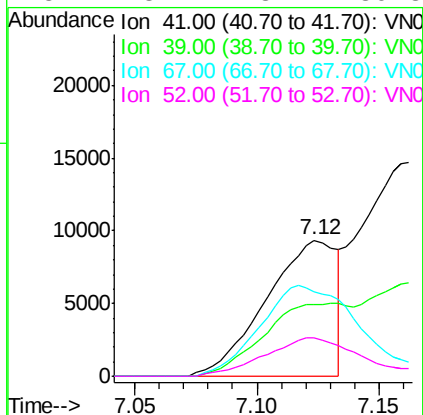
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8
51	25.9	22.2	33.2





#35
Methacrylonitrile
Concen: 17.936 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

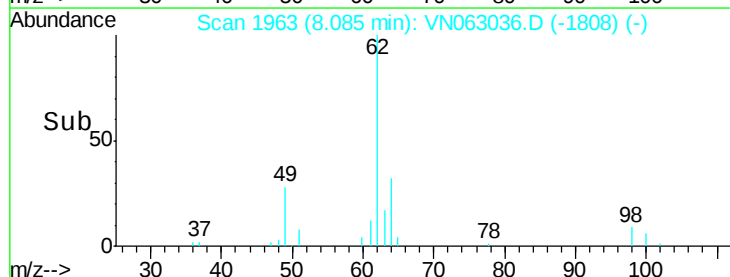
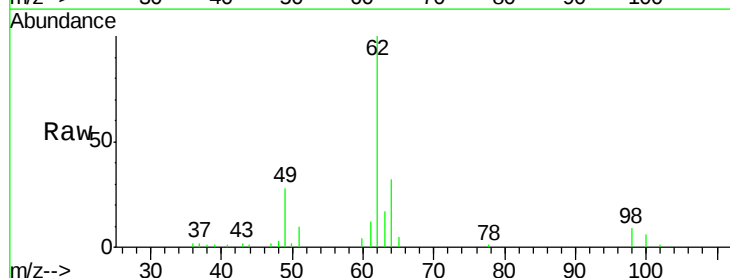
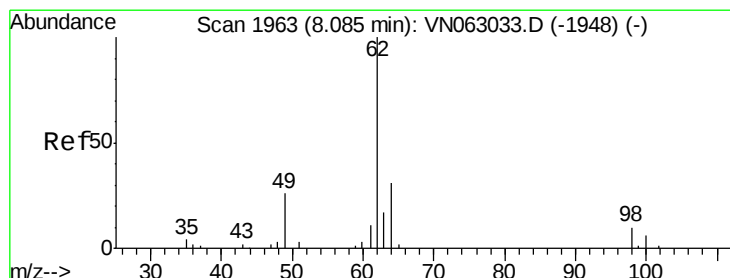
Tot Ion	41.00	Resp:	18722
Ion	Ratio	Lower	Upper
41	100		
39	52.9	23.7	71.1
67	62.1	31.6	94.7
52	28.1	13.1	39.3



Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

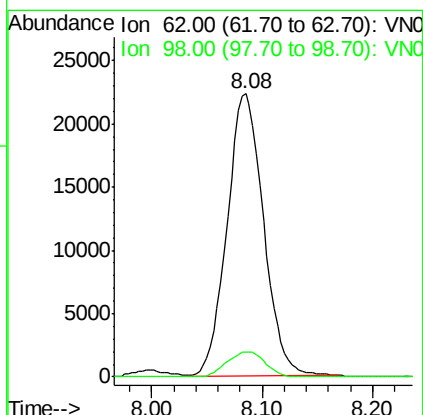
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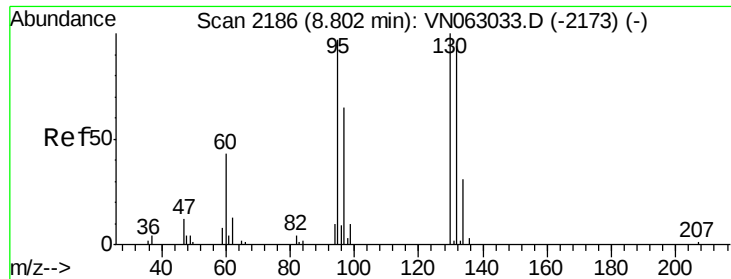
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#36
1,2-Dichloroethane
Concen: 19.786 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	62.00	Resp:	50972
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.6	11.4





#37

Trichloroethene

Concen: 19.993 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tot Ion:130 Resp: 36973

Ion Ratio Lower Upper

130 100

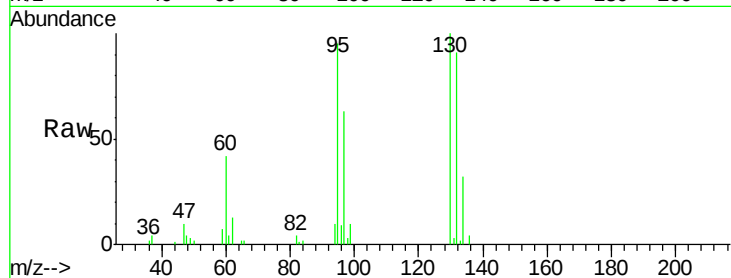
95 94.6 78.9 118.3

Manual Integrations

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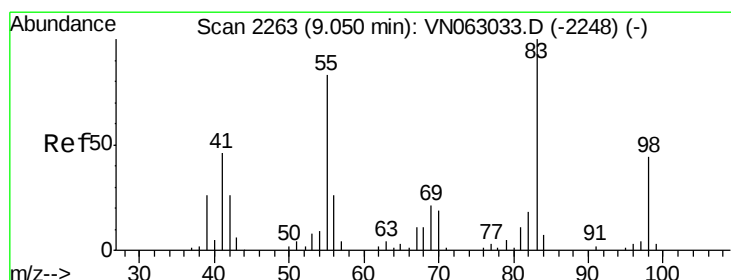
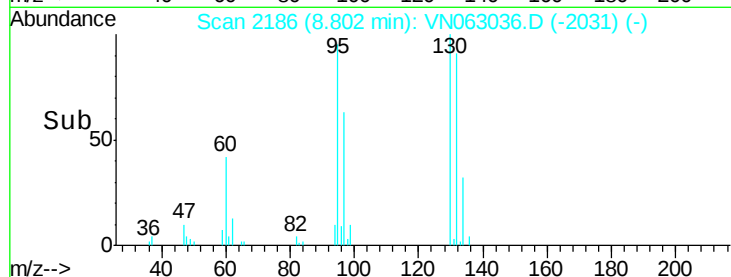
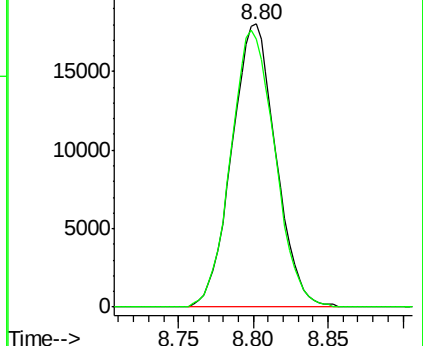
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.110 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

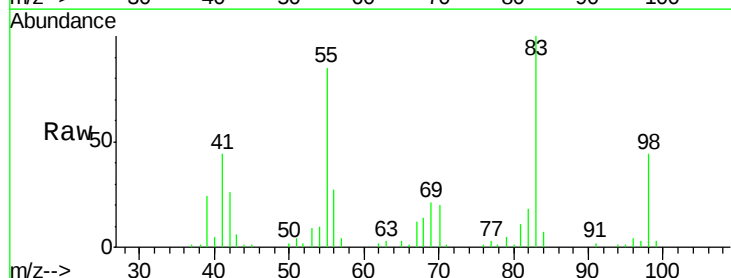
Tgt Ion: 83 Resp: 56482

Ion Ratio Lower Upper

83 100

55 84.1 41.9 125.7

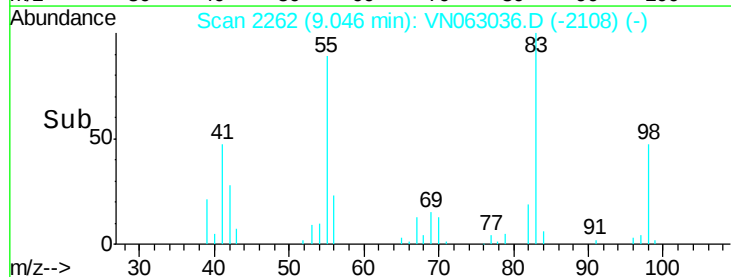
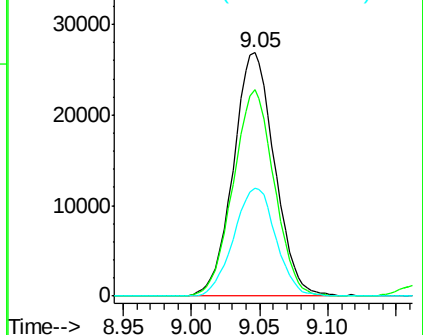
98 45.1 22.2 66.6

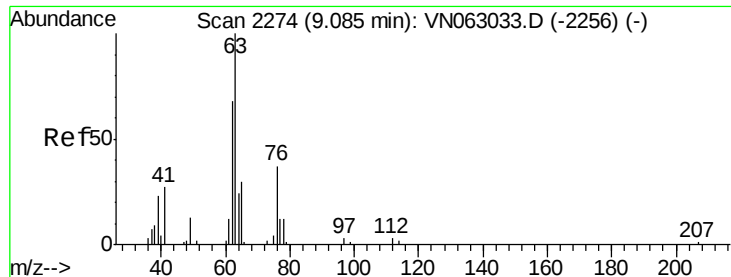


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





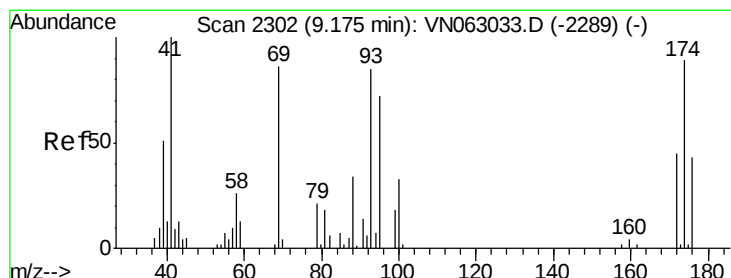
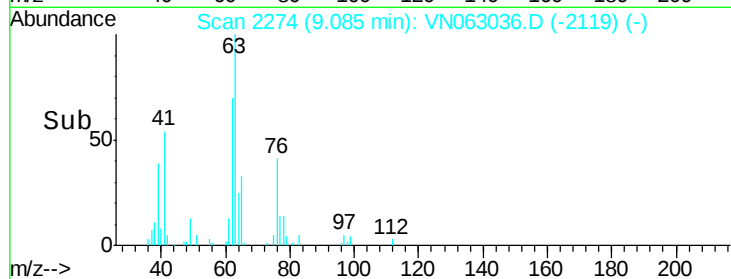
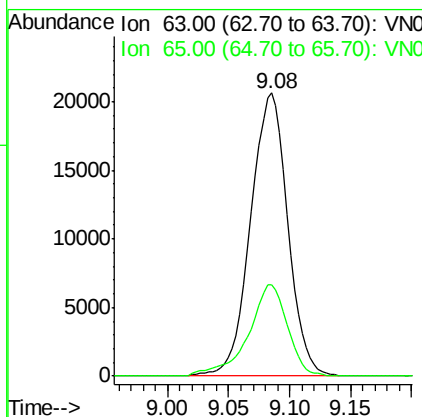
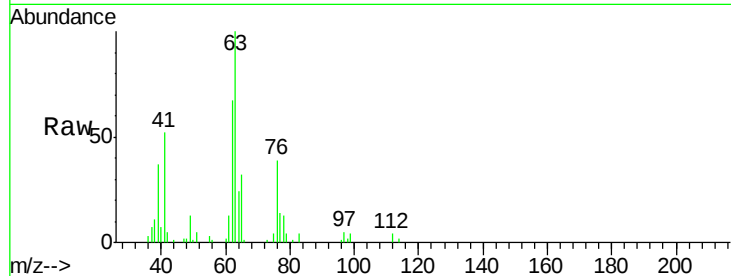
#39
 1,2-Dichloropropane
 Concen: 19.835 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.1	37.7

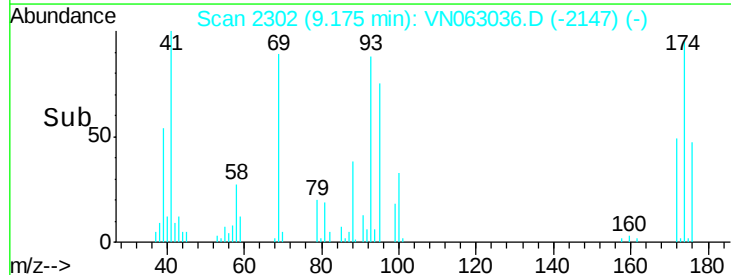
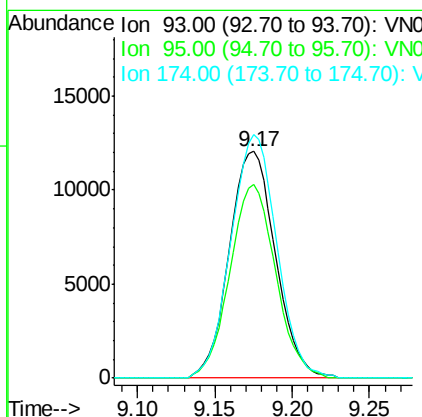
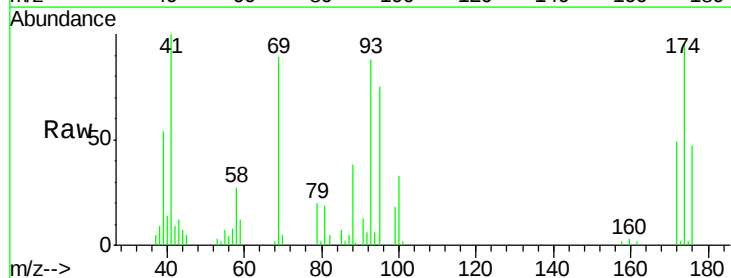
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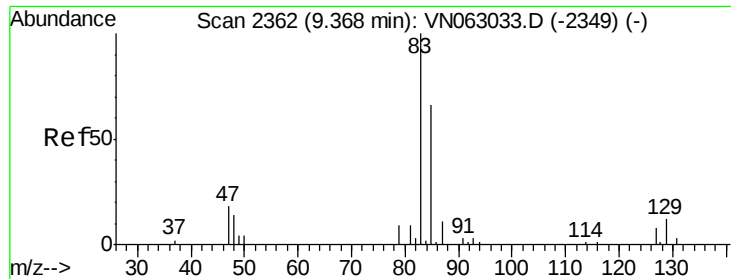
MMDadoda
 8/21/2020 9:21:06 AM



#40
 Dibromomethane
 Concen: 19.686 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	0.0	168.2
174	106.4	0.0	208.4





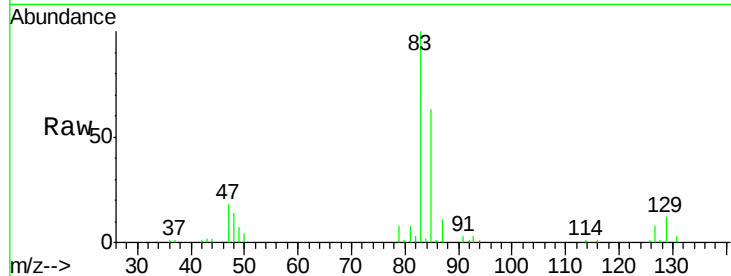
#41
 Bromodichloromethane
 Concen: 19.848 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

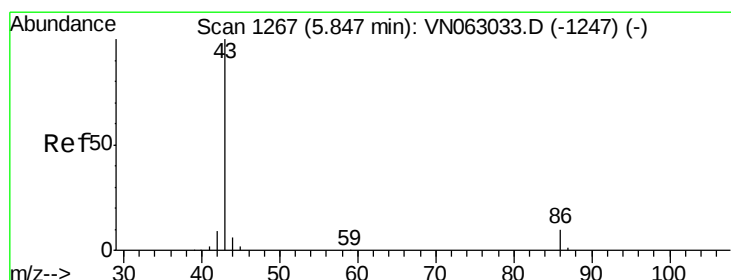
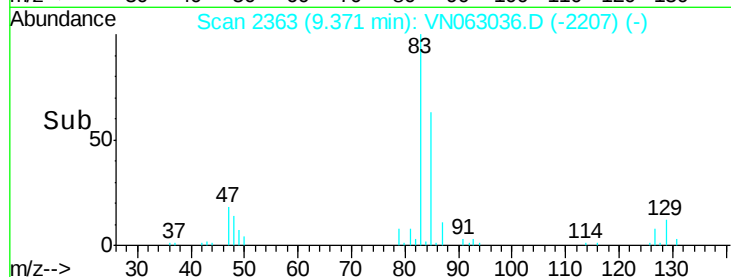
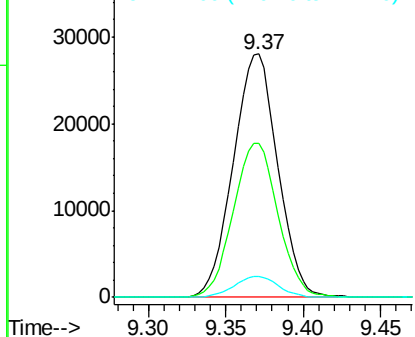
Tot Ion	83	Resp	56123
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	52.6	79.0
127	9.2	7.4	11.0

Manual Integrations
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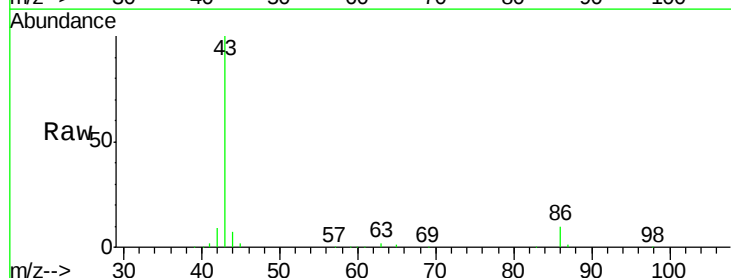


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): V

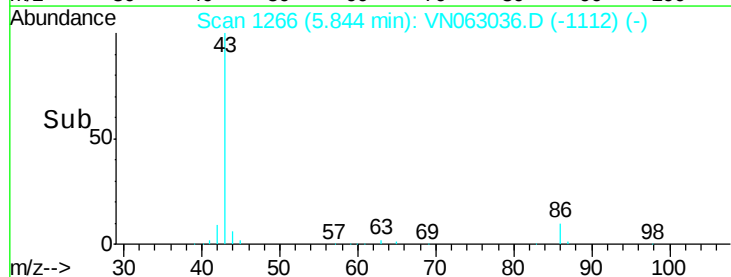
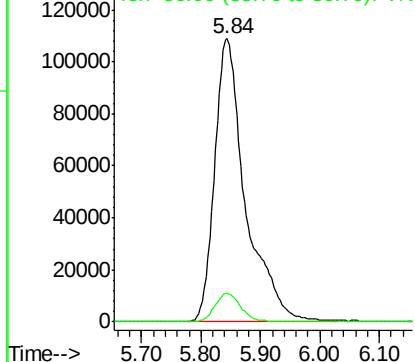


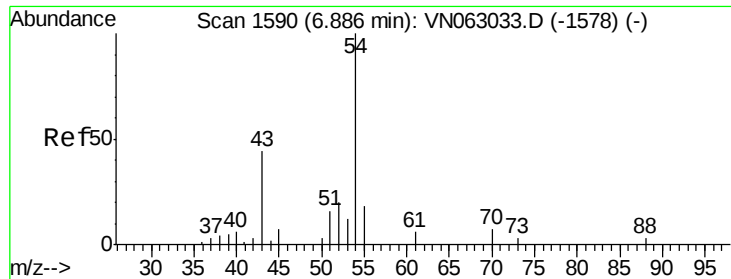
#42
 Vinyl Acetate
 Concen: 94.465 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	43	Resp	393033
Ion Ratio	100	Lower	Upper
43	100		
86	8.5	6.7	10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0





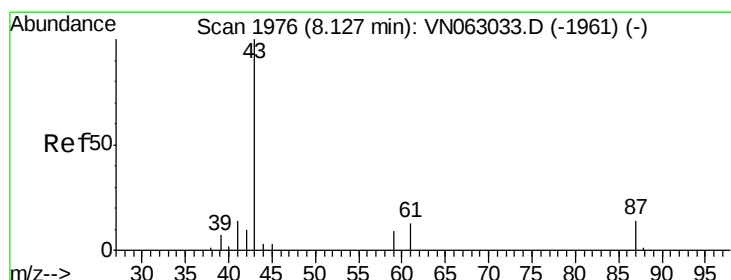
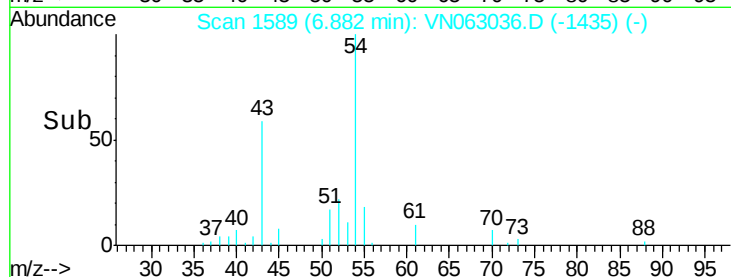
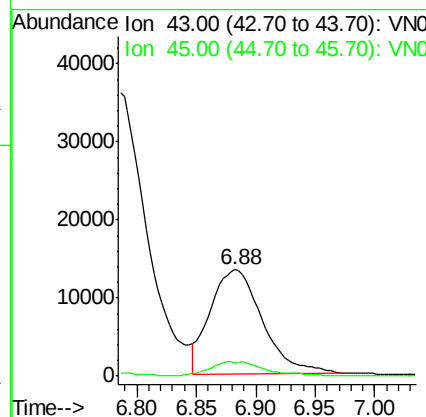
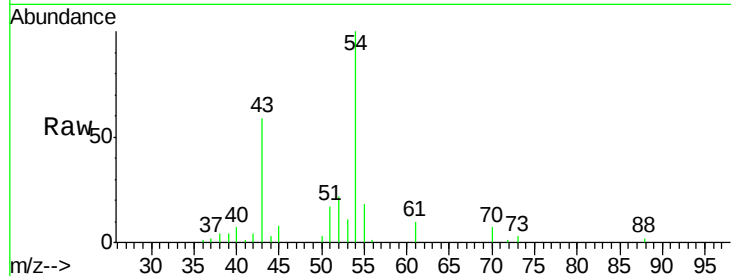
#43
Ethyl Acetate
Concen: 19.435 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampled :
VN0820WBS01

Tot Ion	43	45	Ratio	Lower	Upper
43	100				
45	7.8		11.3	16.9	

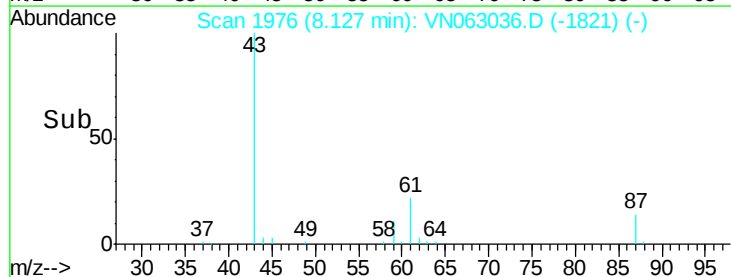
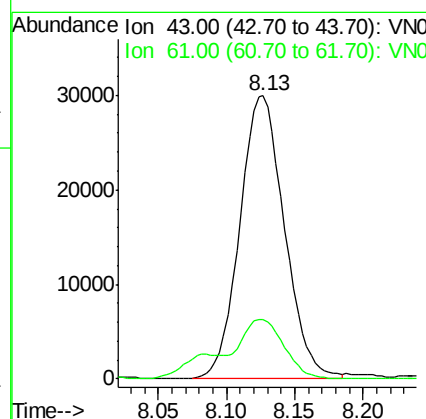
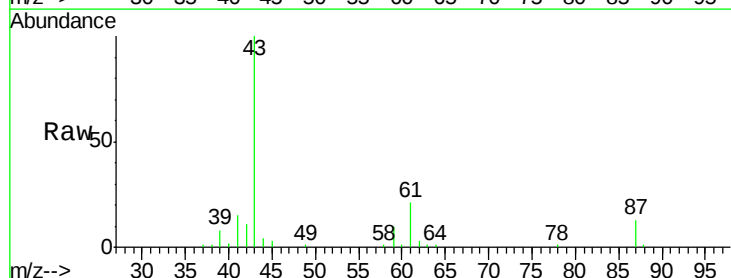
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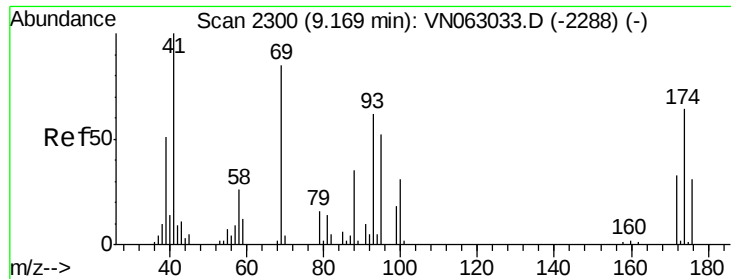
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#44
Isopropyl Acetate
Concen: 19.356 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	43	61	Ratio	Lower	Upper
43	100				
61	20.3		17.5	26.3	





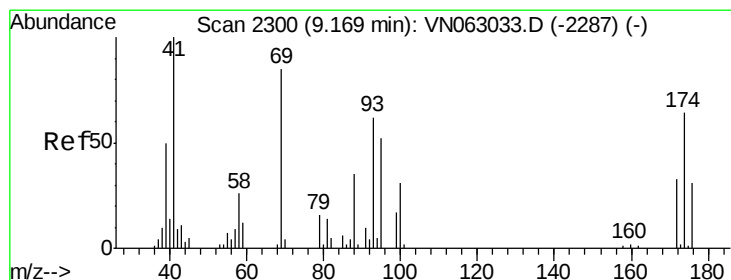
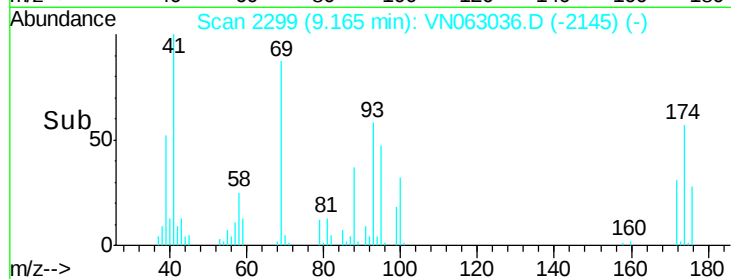
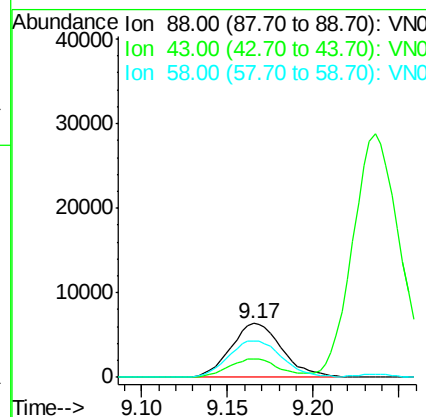
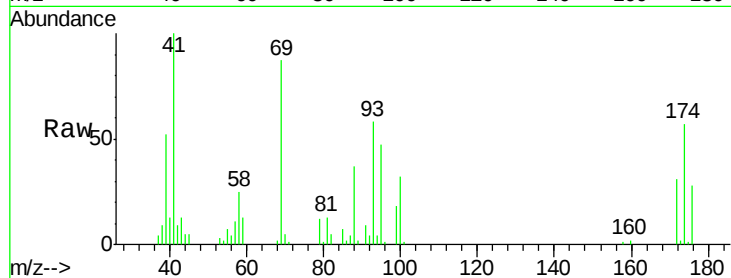
#45
 1,4-Dioxane
 Concen: 398.571 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	88	Resp	13137
Ion	Ratio	Lower	Upper
88	100		
43	34.0	28.5	42.7
58	71.1	59.6	89.4

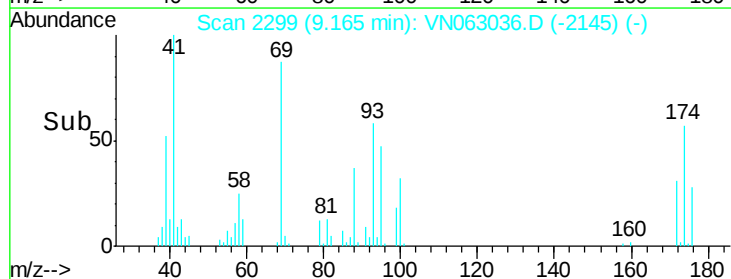
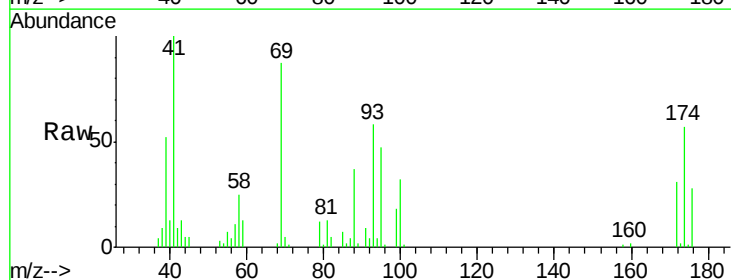
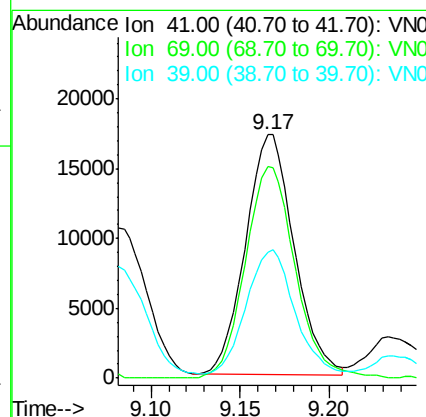
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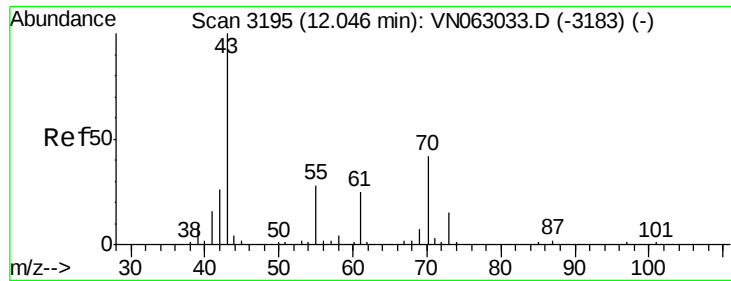
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#46
 Methyl methacrylate
 Concen: 18.919 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	41	Resp	32780
Ion	Ratio	Lower	Upper
41	100		
69	88.5	42.6	128.0
39	50.8	25.1	75.4





#47

n-amvl Acetate

Concen: 17.943 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tot Ion: 43 Resp: 56045

Ion Ratio Lower Upper

43 100

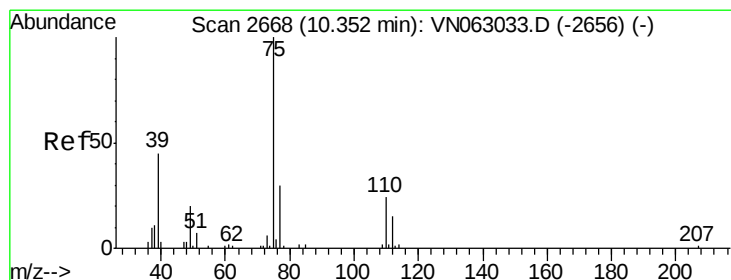
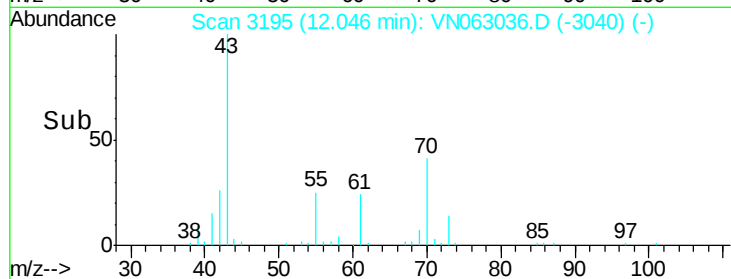
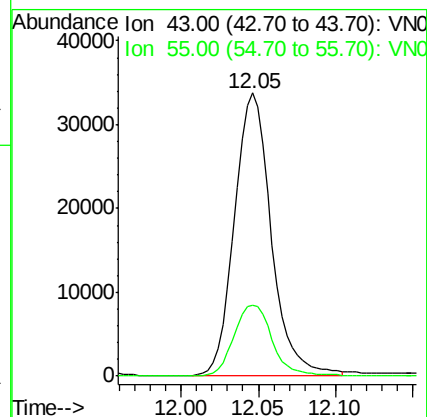
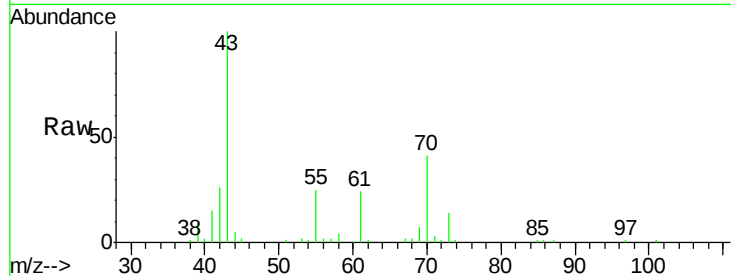
55 26.0 21.2 31.8

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#48

t-1,3-Dichloropropene

Concen: 18.892 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063036.D

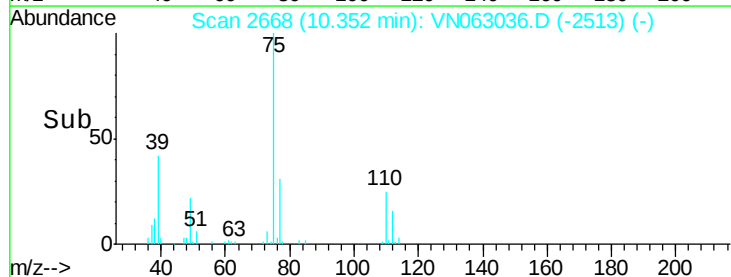
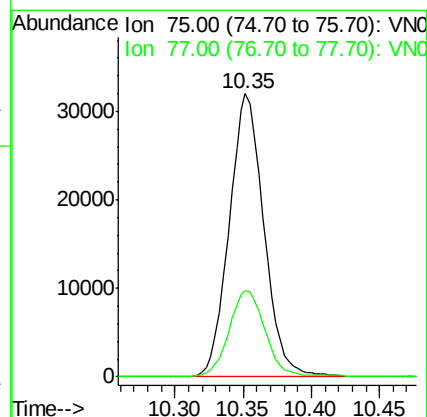
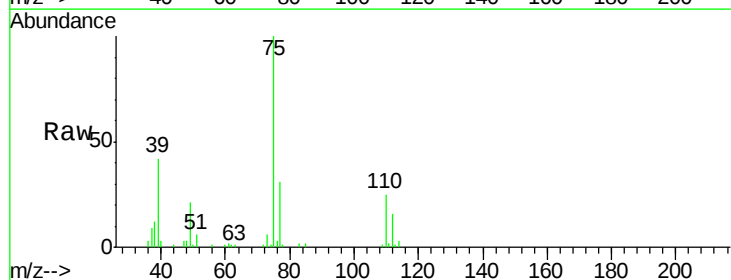
Acq: 20 Aug 2020 14:55

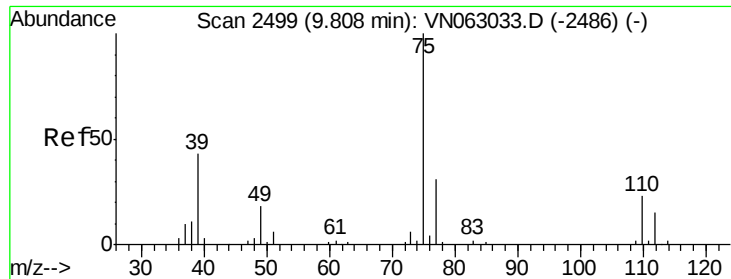
Tgt Ion: 75 Resp: 56418

Ion Ratio Lower Upper

75 100

77 30.6 23.8 35.8





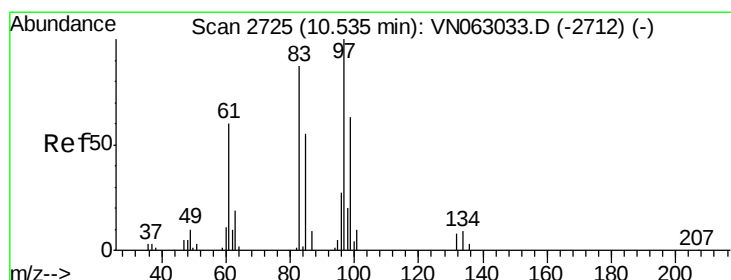
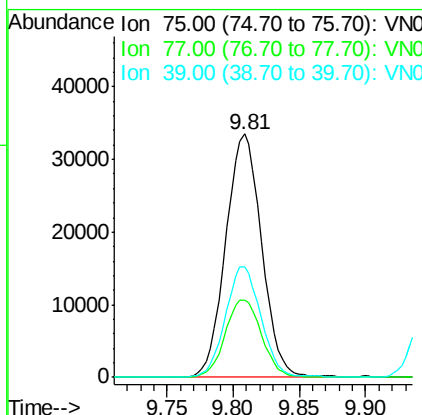
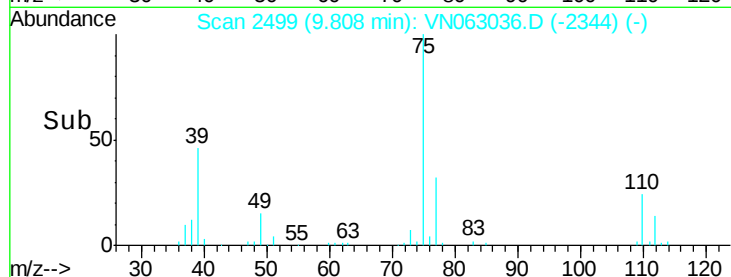
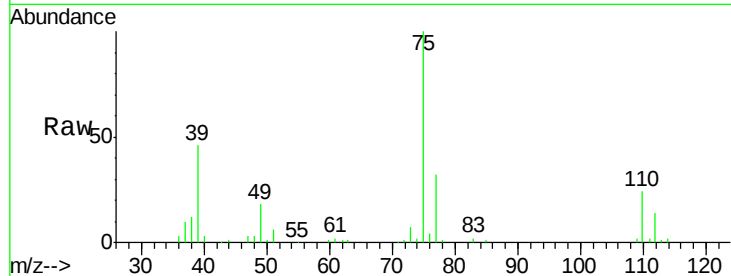
#49
 cis-1,3-Dichloropropene
 Concen: 19.431 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	45.5	34.5	51.7

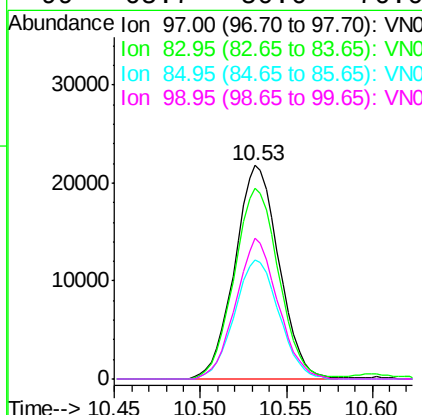
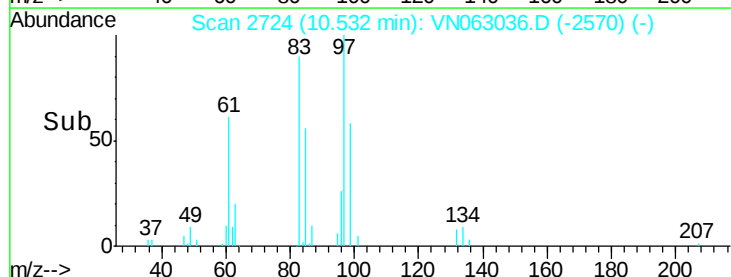
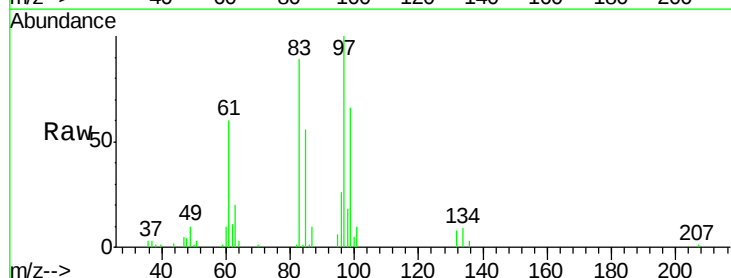
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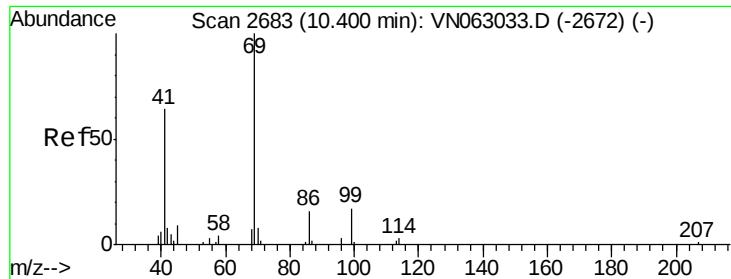
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#50
 1,1,2-Trichloroethane
 Concen: 19.808 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.9	104.9
85	55.8	44.0	66.0
99	65.7	50.6	76.0





#51

Ethyl methacrylate

Concen: 18.850 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

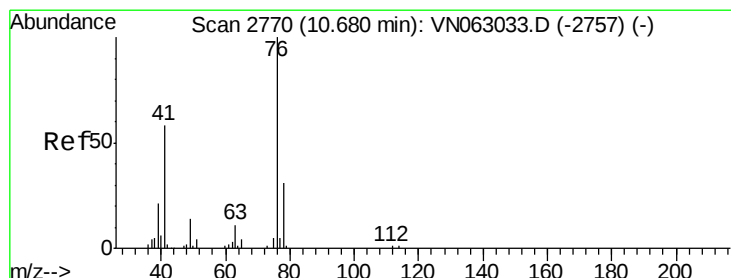
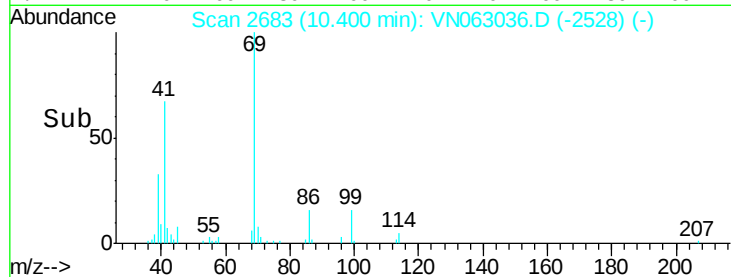
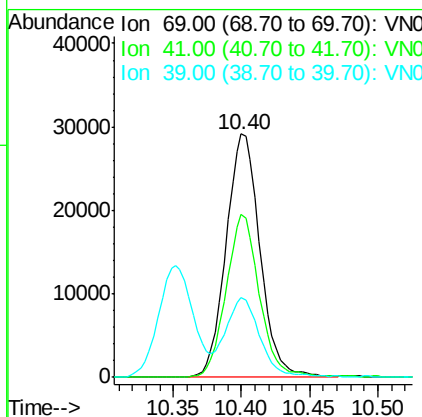
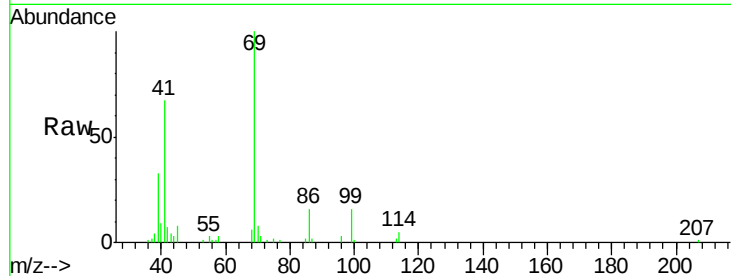
ClientSampleId :

VN0820WBS01

Tot Ion:	69	Resp:	50456
Ion	Ratio	Lower	Upper
69	100		
41	66.9	32.1	96.5
39	32.2	16.1	48.3

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#52

1,3-Dichloropropane

Concen: 19.771 ug/l

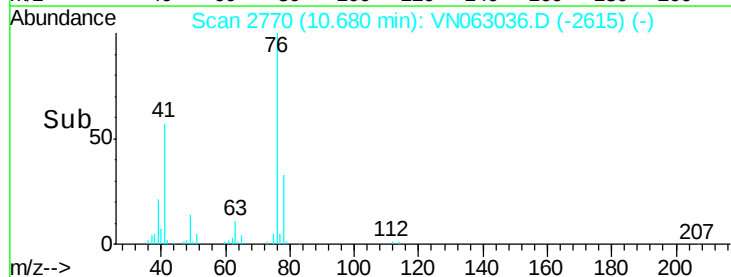
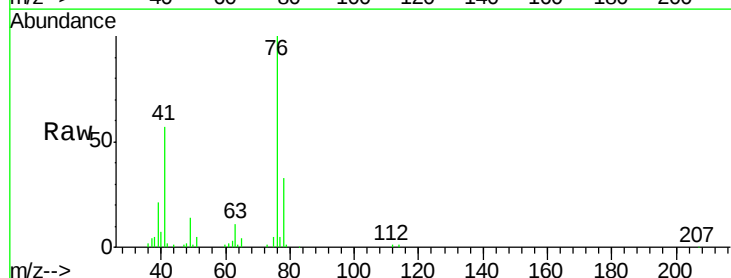
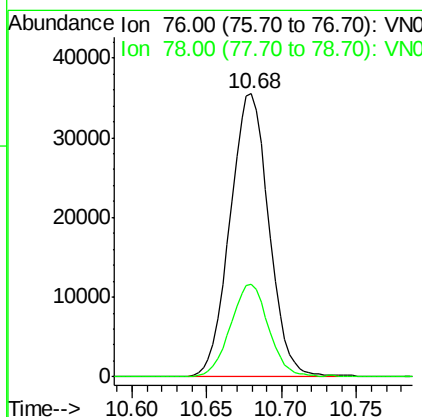
RT: 10.68 min Scan# 2770

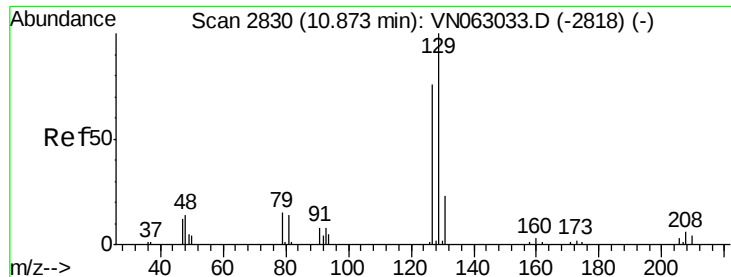
Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Tgt Ion:	76	Resp:	64265
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	63.2





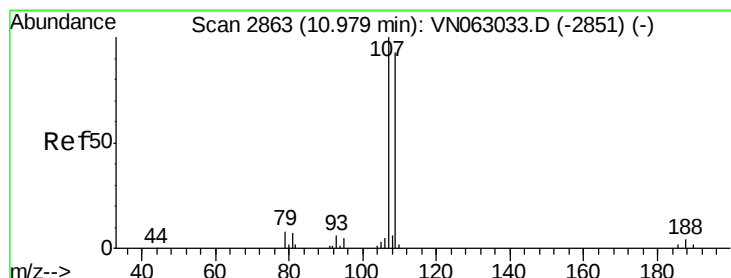
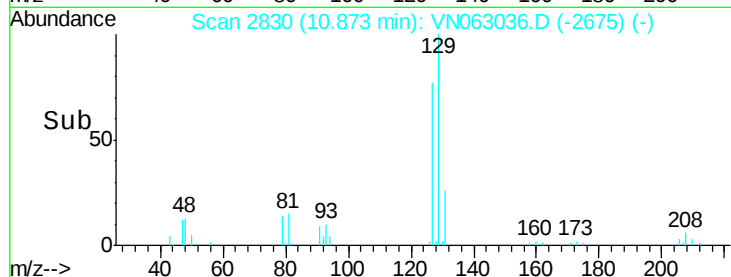
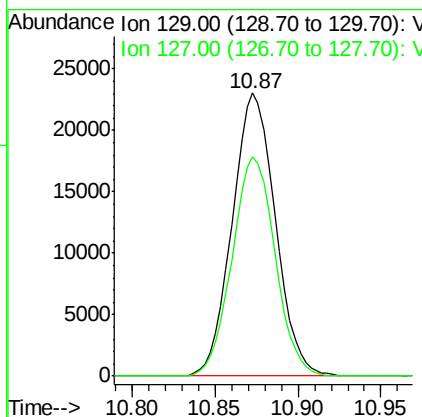
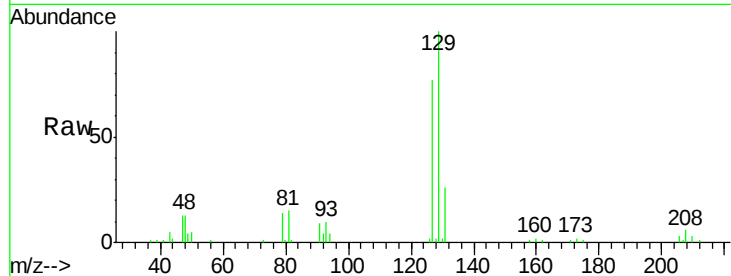
#53
Dibromochloromethane
Concen: 19.351 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion:129 Resp: 41777
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

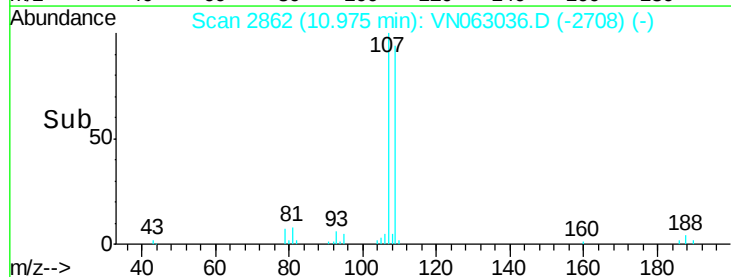
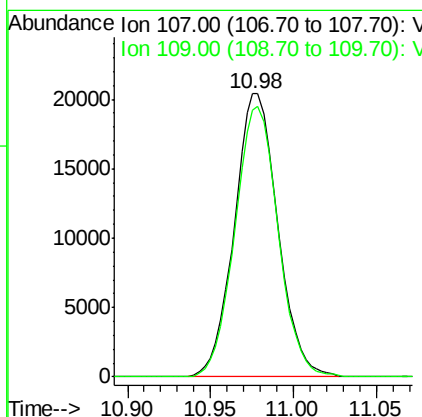
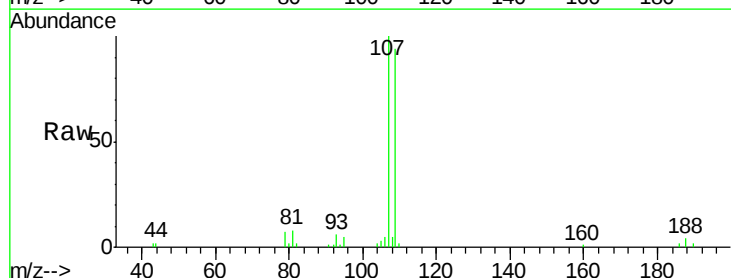
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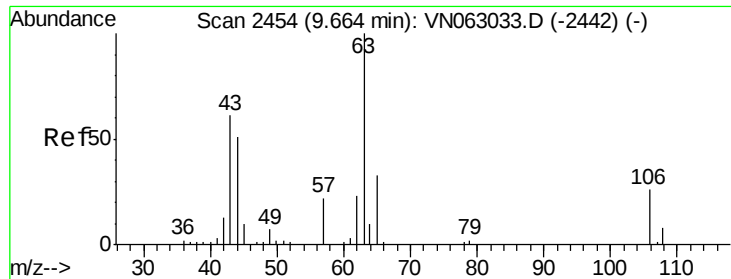
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#54
1,2-Dibromoethane
Concen: 19.682 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion:107 Resp: 37147
Ion Ratio Lower Upper
107 100
109 95.1 76.3 114.5





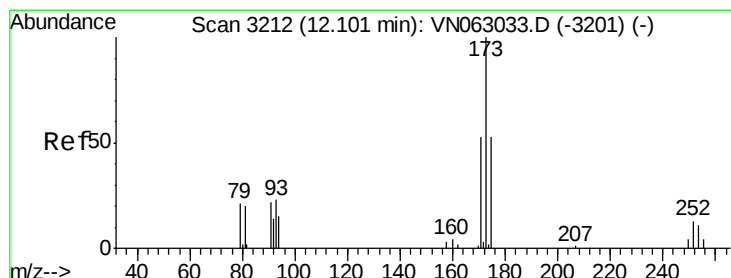
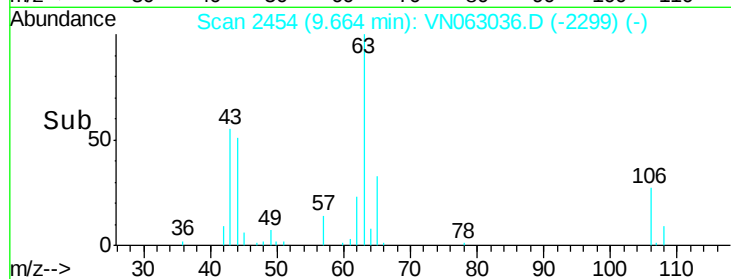
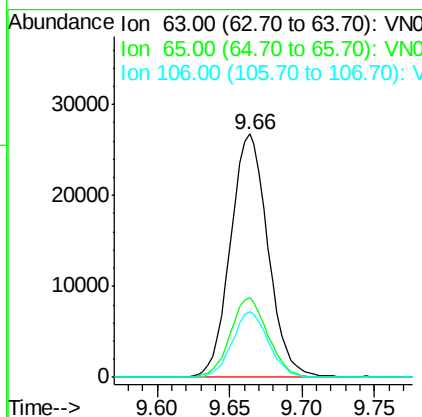
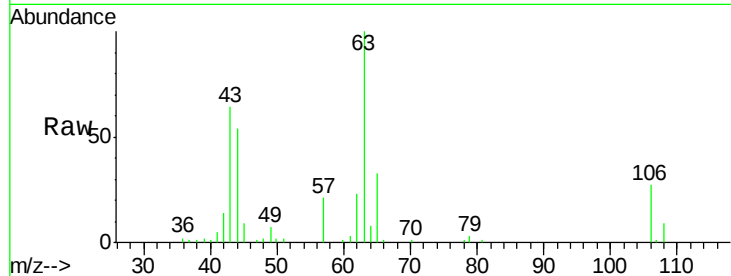
#55
2-Chloroethyl vinyl ether
Concen: 87.773 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion:	63	Resp:	48259
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.9	38.9
106	25.8	19.9	29.9

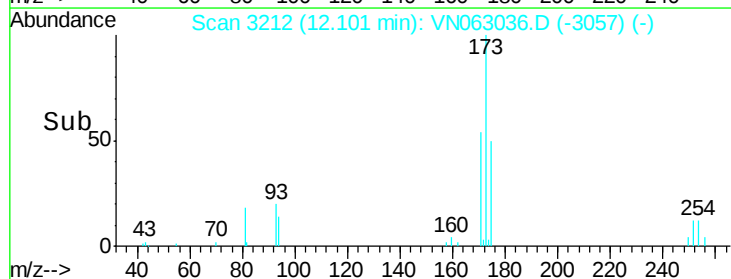
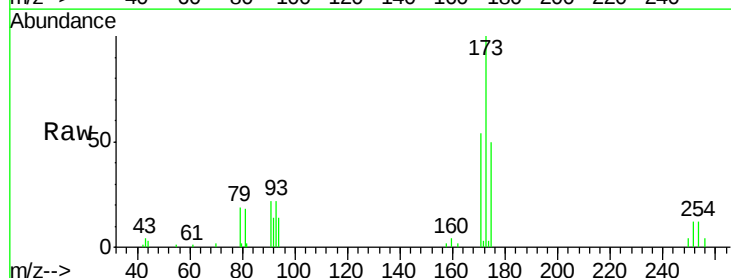
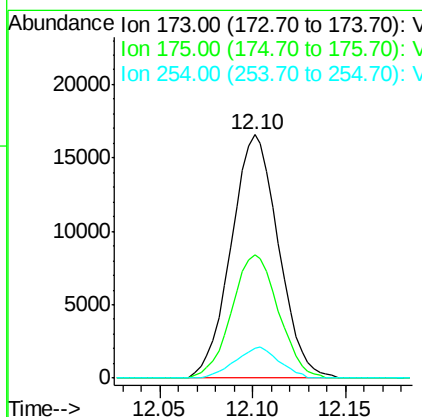
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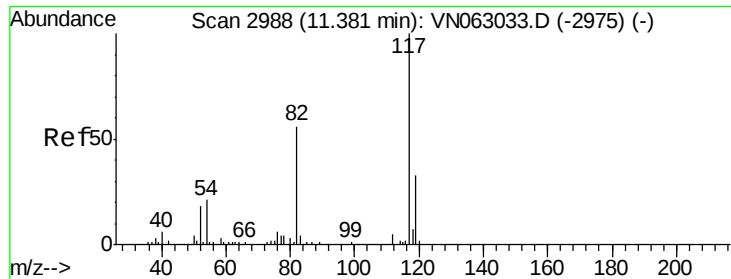
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#56
Bromoform
Concen: 18.565 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion:	173	Resp:	29350
Ion	Ratio	Lower	Upper
173	100		
175	50.1	41.2	61.8
254	11.8	9.0	13.4





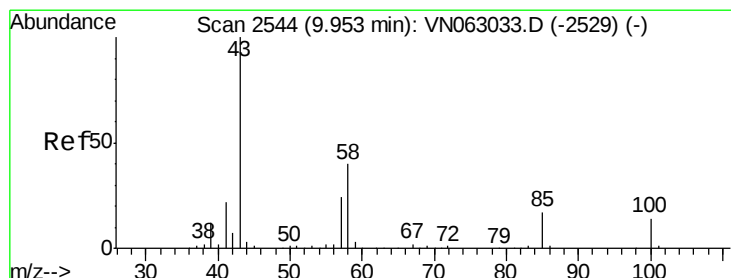
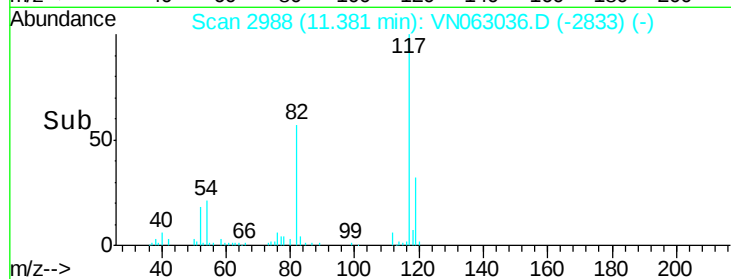
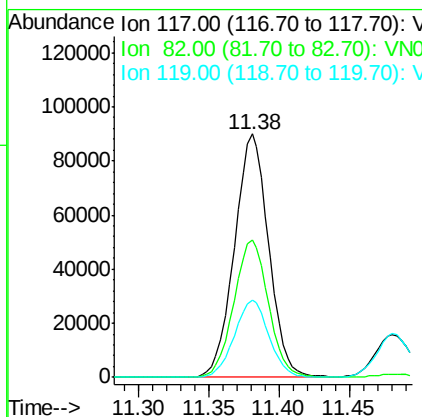
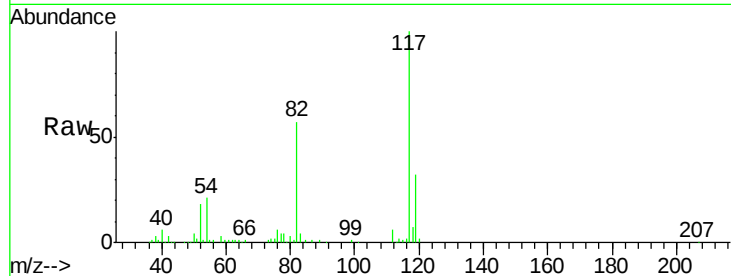
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.9	44.9	67.3
119	31.9	26.0	39.0

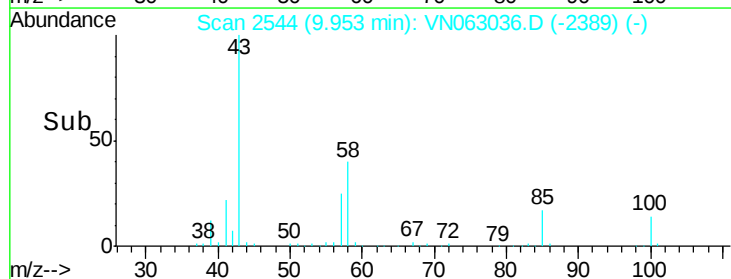
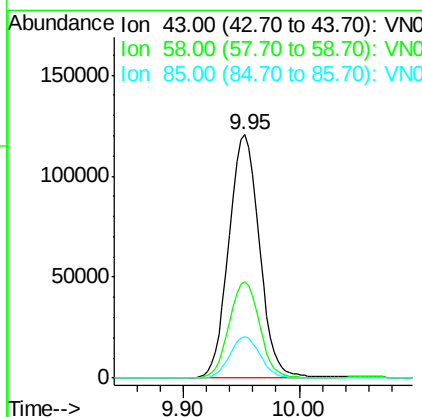
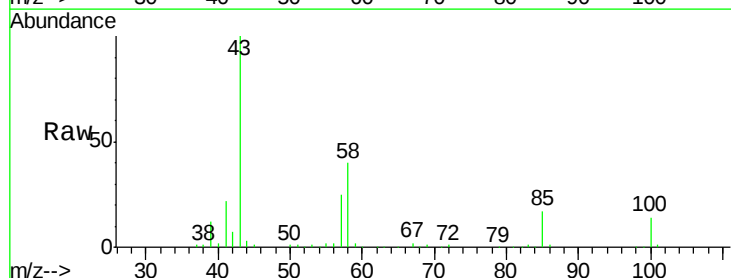
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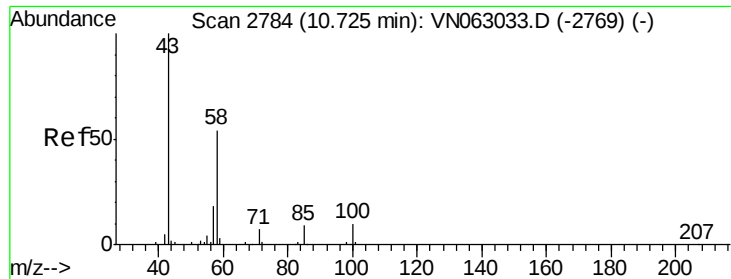
MMDadoda
8/21/2020 9:21:06 AM



#58
4-Methyl-2-Pentanone
Concen: 100.280 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	39.4	31.4	47.0
85	16.8	13.4	20.2





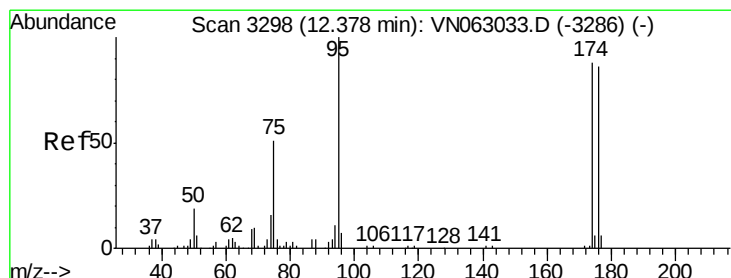
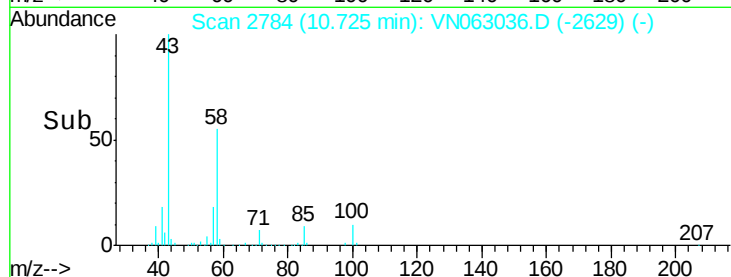
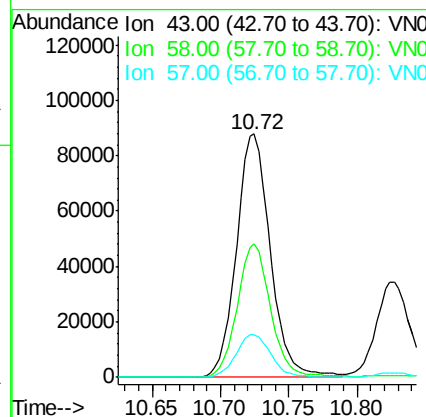
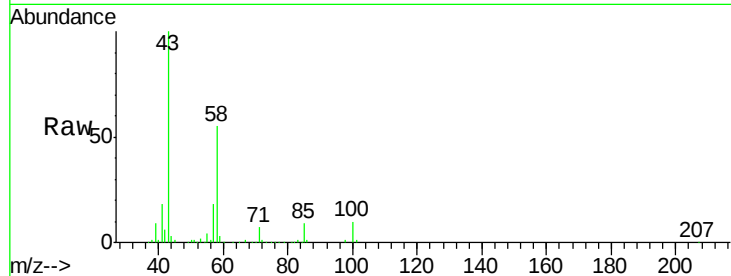
#59
2-Hexanone
Concen: 96.507 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	42.6	64.0
57	18.0	14.6	21.8

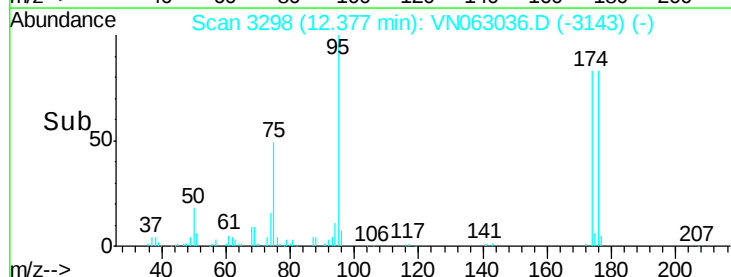
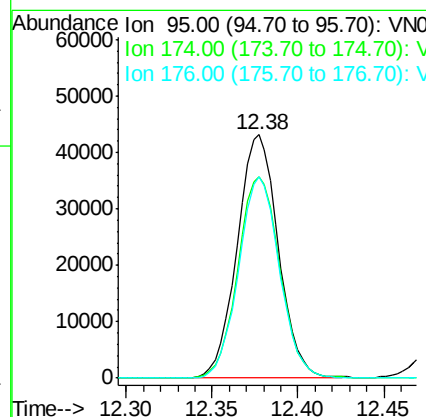
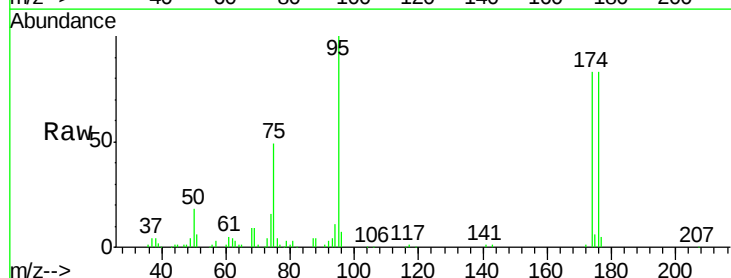
Manual Integrations
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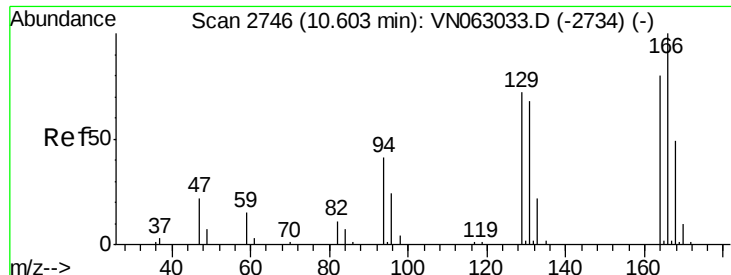
MMDadoda
8/21/2020 9:21:06 AM



#60
4-Bromofluorobenzene
Concen: 29.676 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.3	70.1	105.1
176	82.0	66.8	100.2





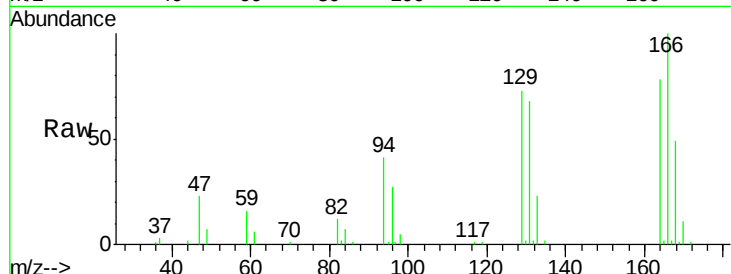
#61
Tetrachloroethene
Concen: 20.225 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.9	100.1	150.1
129	93.0	72.5	108.7
131	86.4	68.4	102.6

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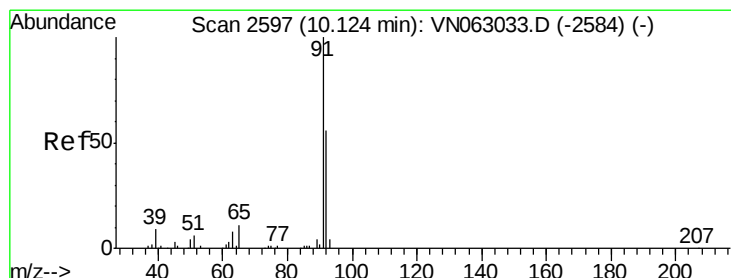
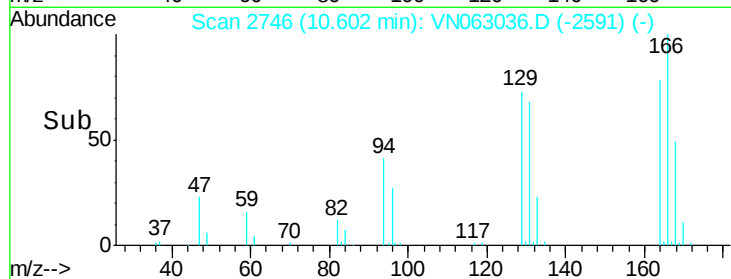
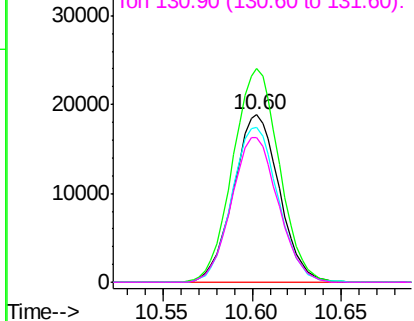


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

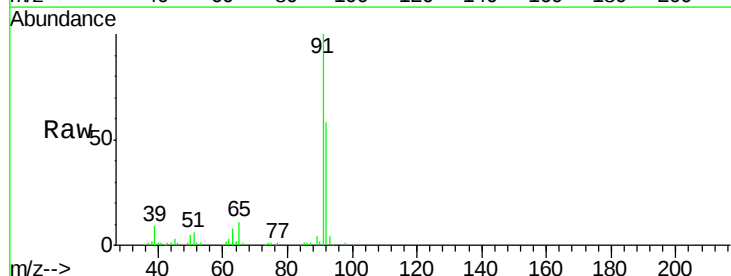
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



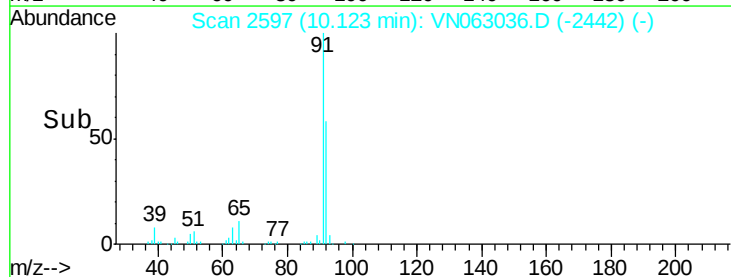
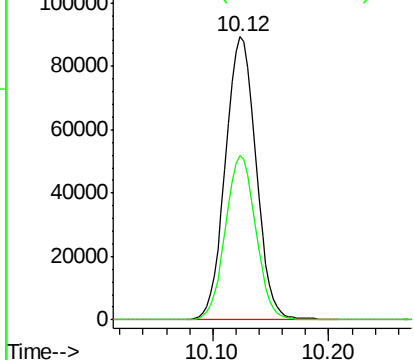
#62
Toluene
Concen: 20.123 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

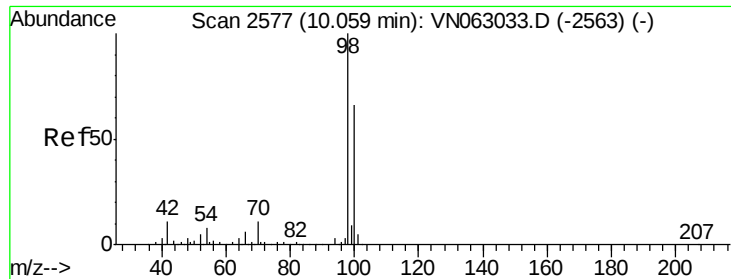
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	45.5	68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





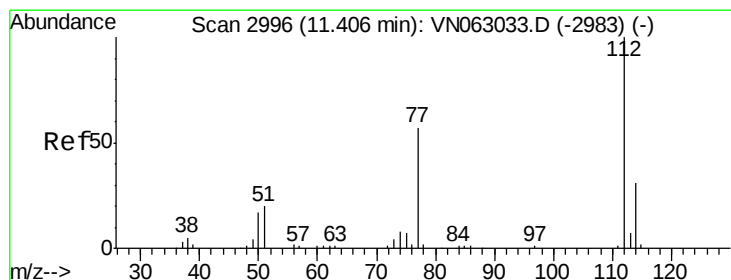
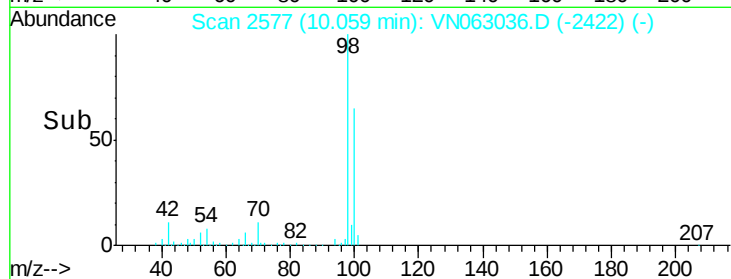
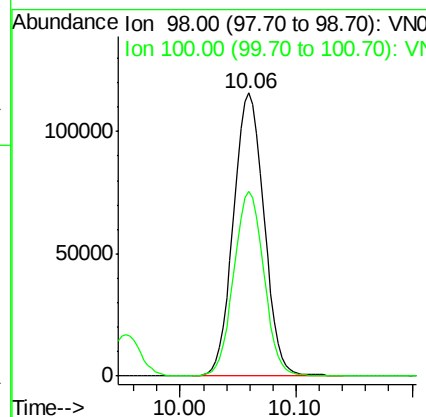
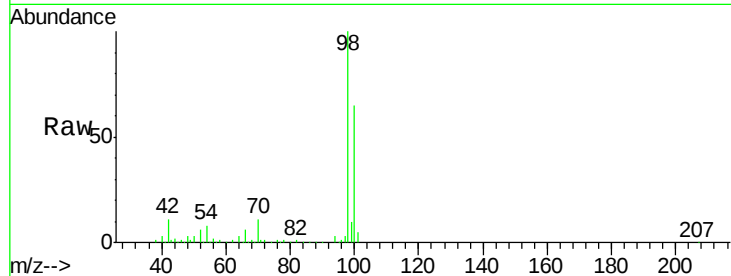
#63
Toluene-d8
Concen: 30.249 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion: 98 Resp: 212554
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.2

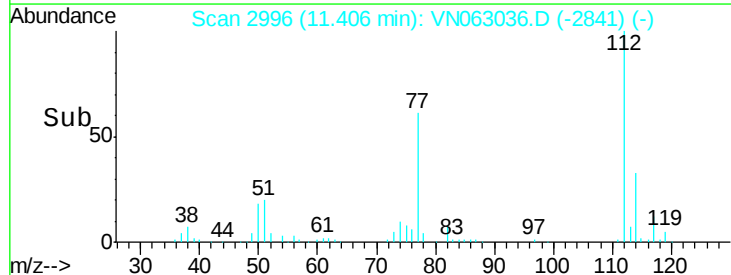
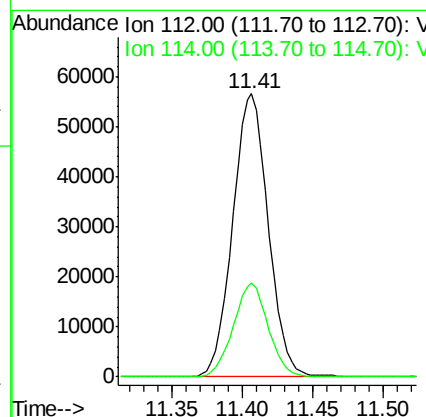
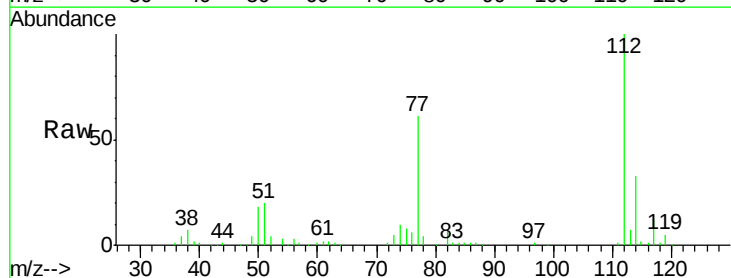
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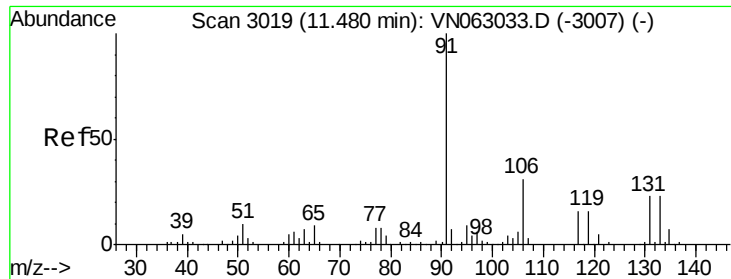
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#64
Chlorobenzene
Concen: 19.861 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 112 Resp: 99724
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 19.923 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

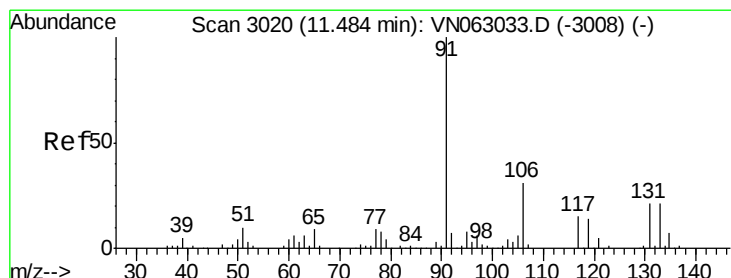
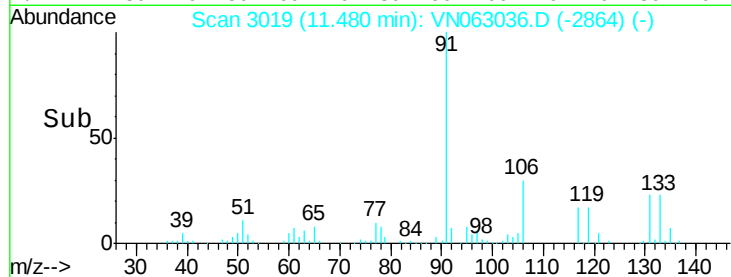
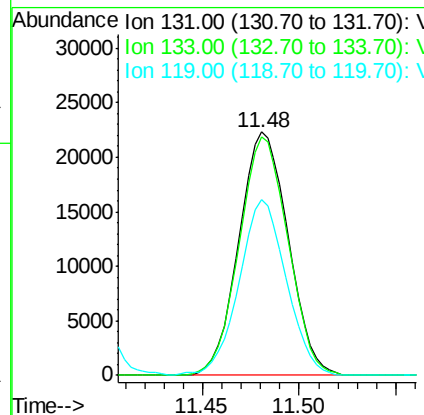
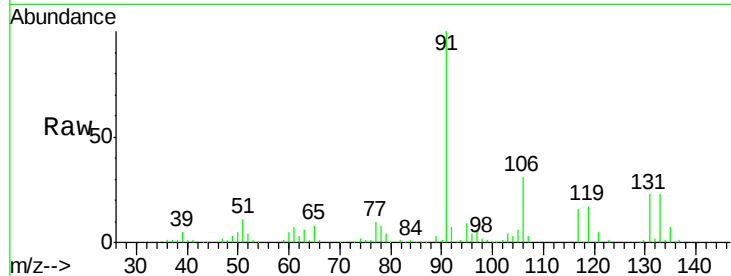
ClientSampleId :

VN0820WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.9	0.0	191.2
119	69.1	0.0	134.2

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#66

Ethyl Benzene

Concen: 19.368 ug/l

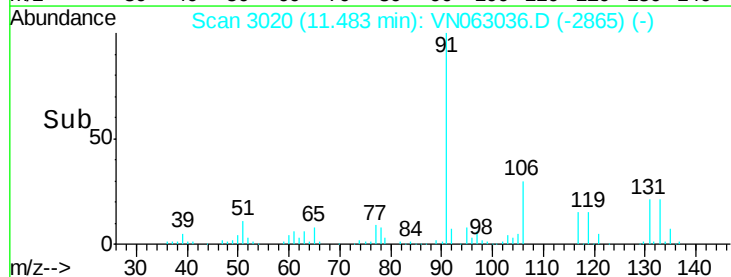
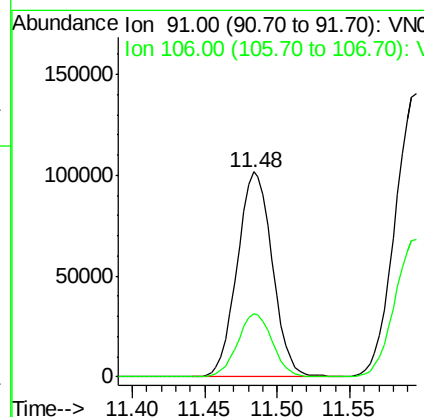
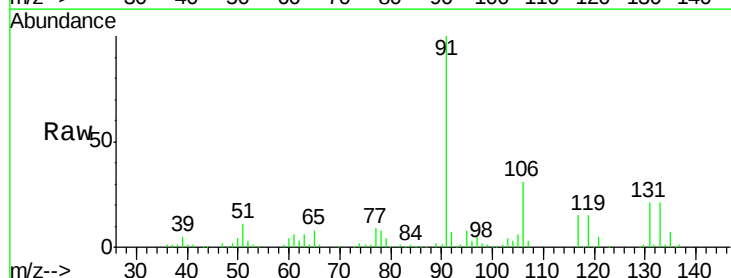
RT: 11.48 min Scan# 3020

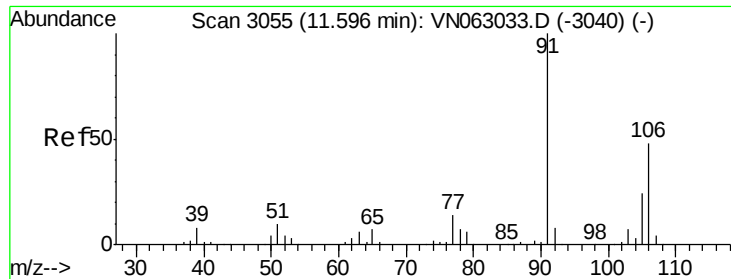
Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.0	37.4





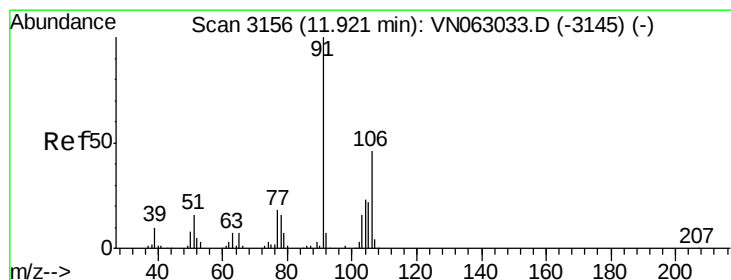
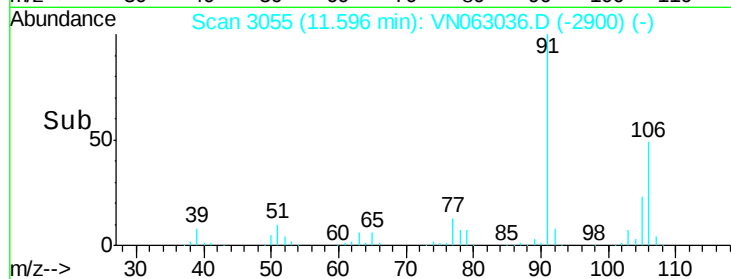
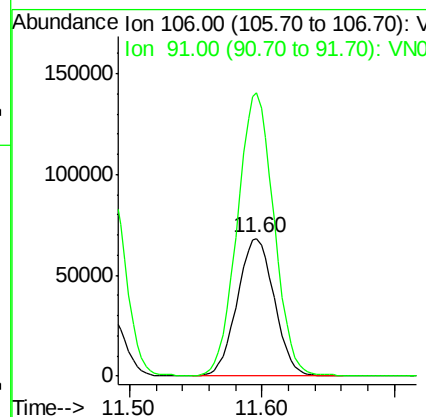
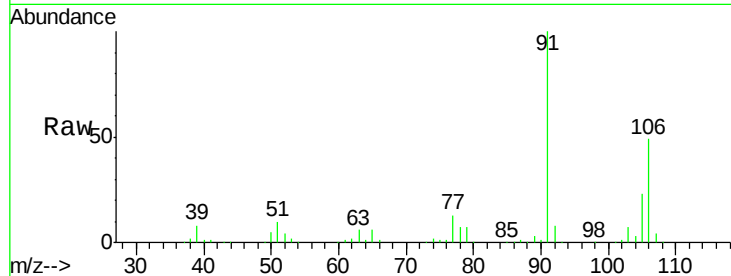
#67
m/p-Xylenes
Concen: 40.017 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion:106 Resp: 132605
Ion Ratio Lower Upper
106 100
91 202.3 164.9 247.3

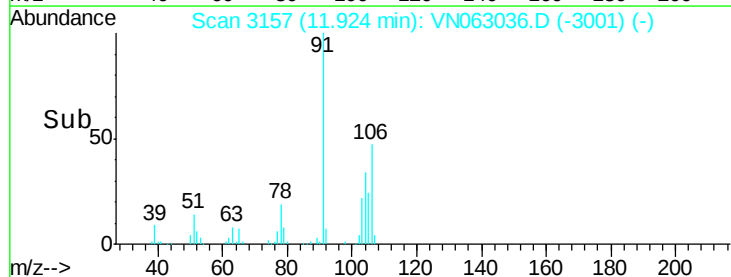
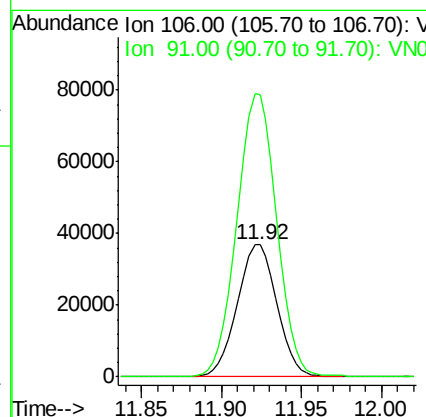
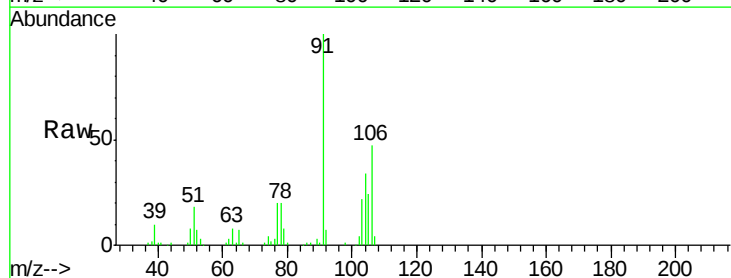
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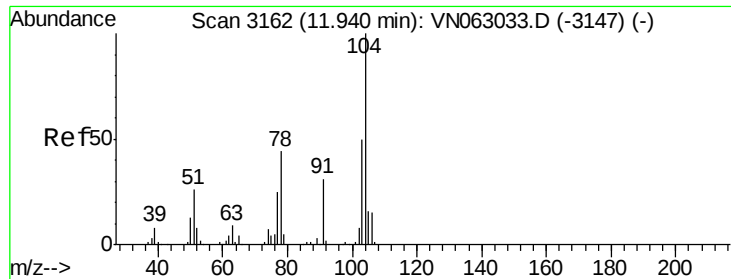
MMDadoda
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#68
o-Xylene
Concen: 19.524 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion:106 Resp: 62149
Ion Ratio Lower Upper
106 100
91 215.5 108.0 324.0





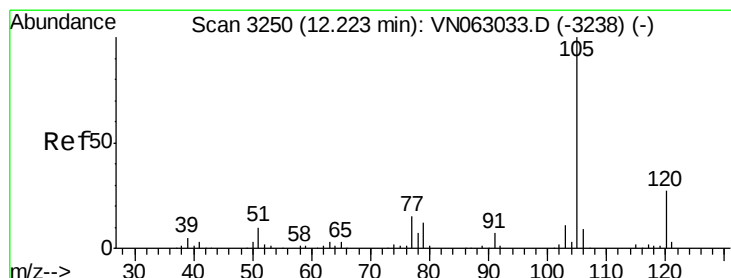
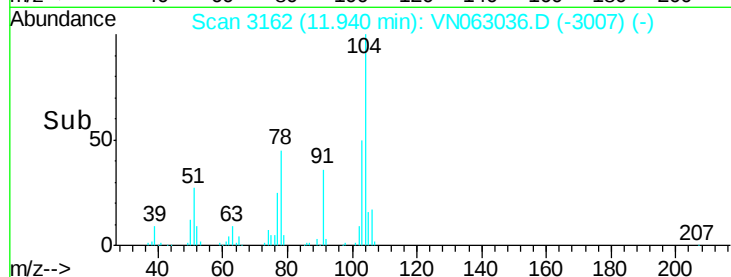
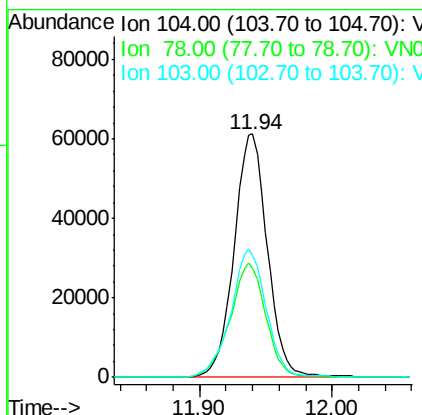
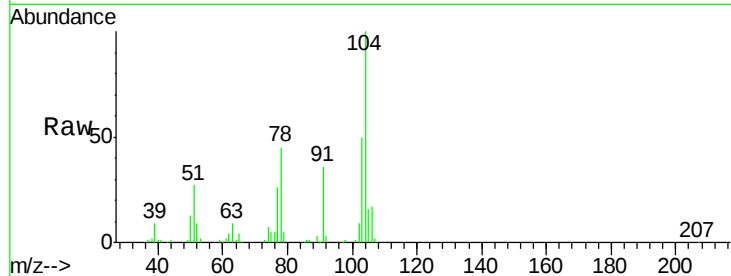
#69
Stvrene
Concen: 19.190 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	39.6	59.4
103	55.7	44.4	66.6

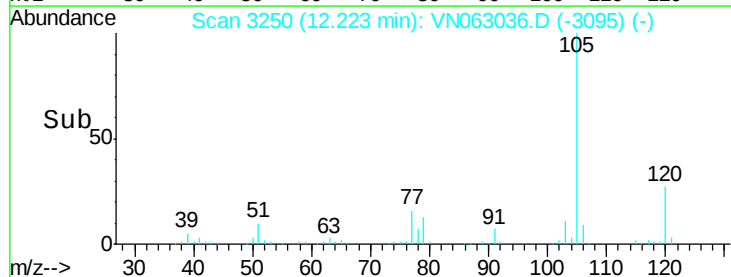
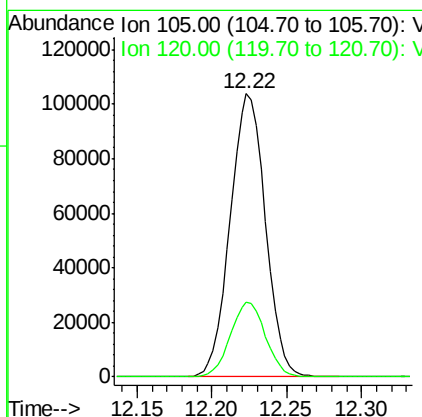
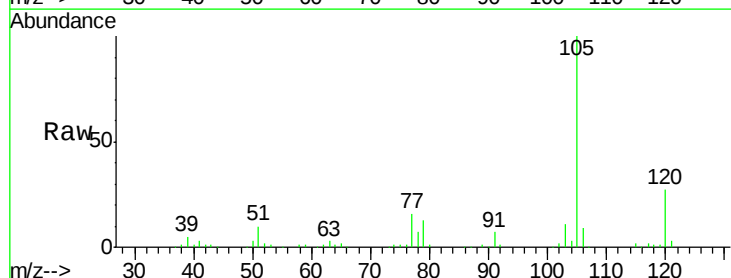
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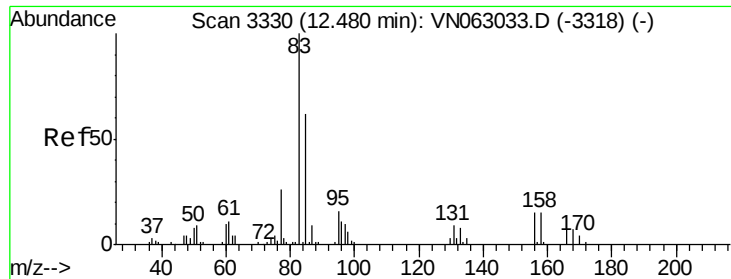
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#70
Isopropylbenzene
Concen: 19.663 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.5	34.3





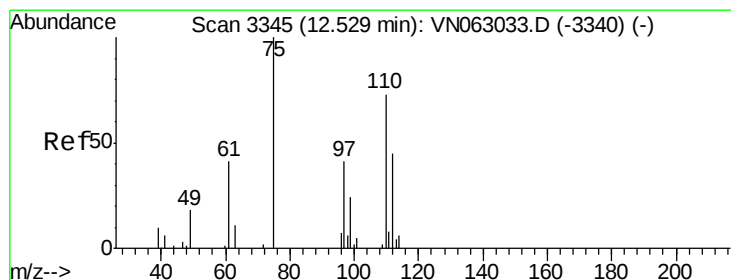
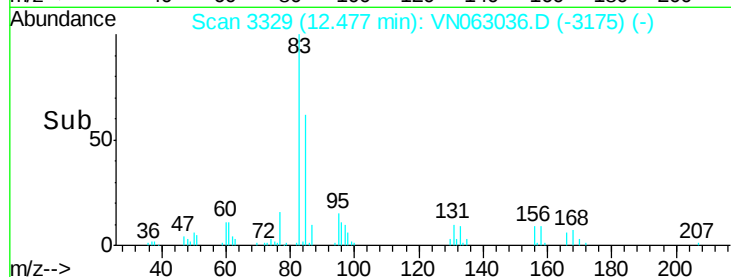
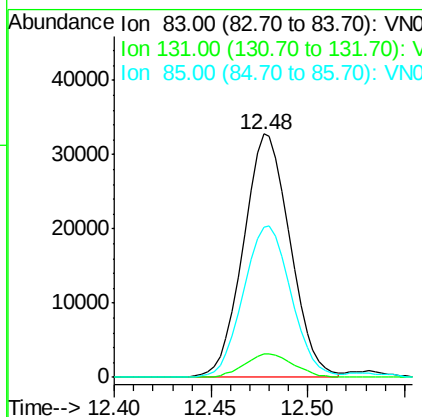
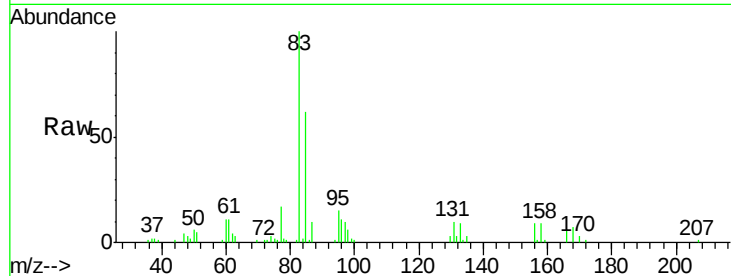
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.851 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	83	Resp	55124
Ion Ratio	100	Lower	Upper
83	100		
131	10.0	4.5	13.7
85	63.5	31.8	95.3

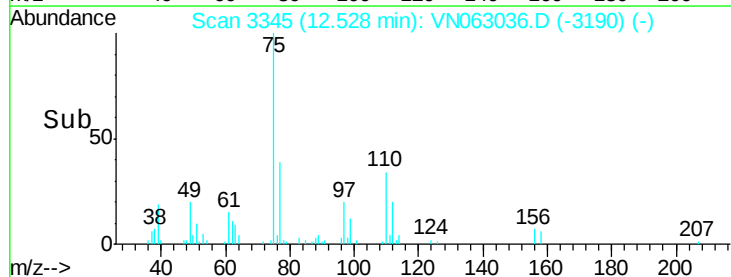
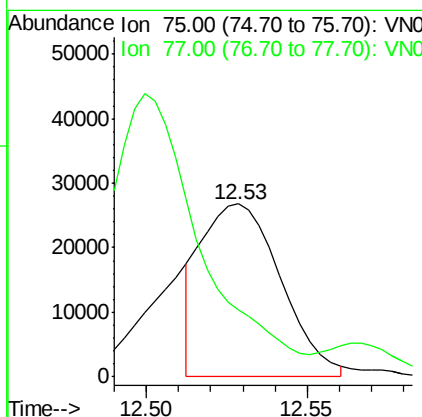
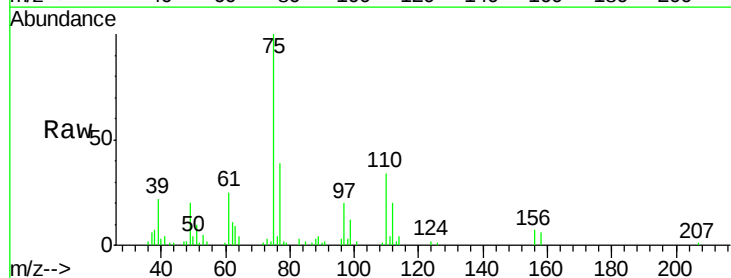
Manual Integrations
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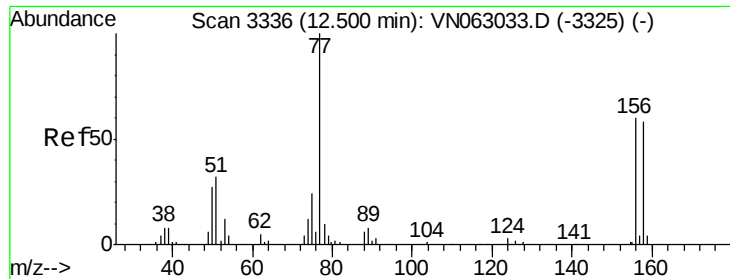
MMDadoda
 8/21/2020 9:21:06 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.639 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	75	Resp	45926
Ion Ratio	100	Lower	Upper
75	100		
77	195.5	0.0	387.8





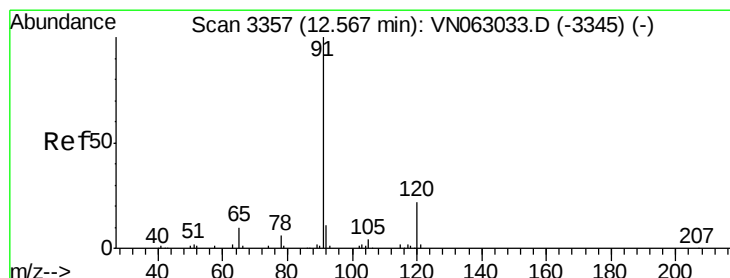
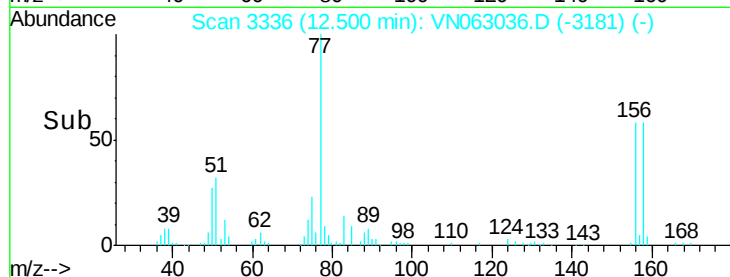
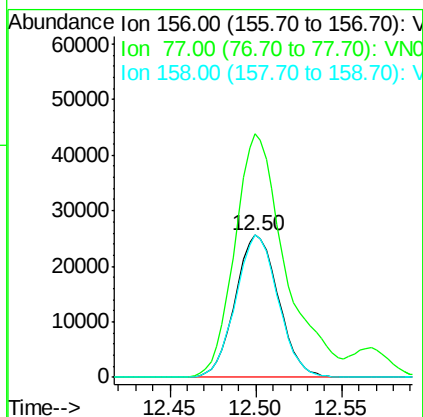
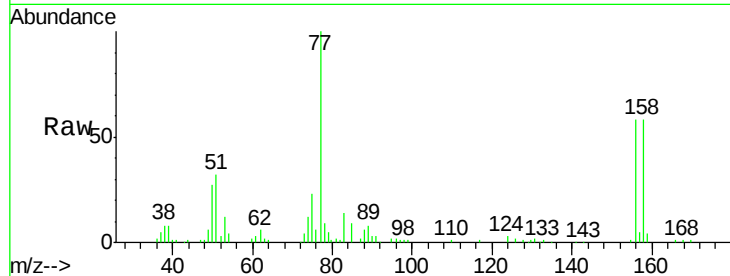
#73
Bromobenzene
Concen: 19.152 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	200.7	0.0	398.6
158	98.0	0.0	195.4

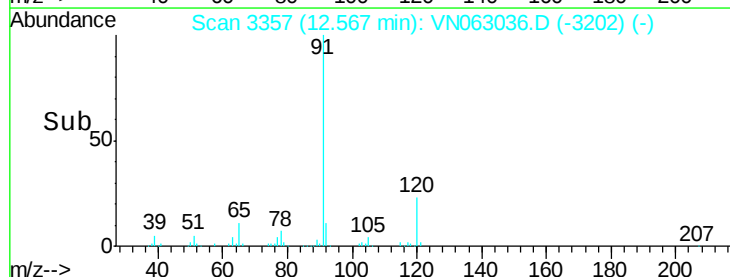
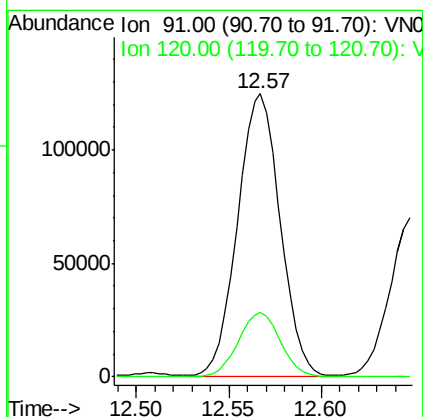
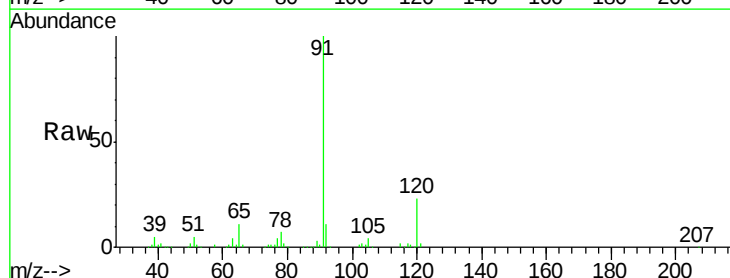
Manual Integrations
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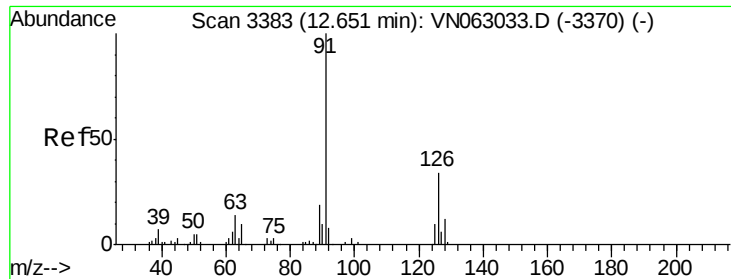
MMDadoda
8/21/2020 9:21:06 AM



#74
n-propylbenzene
Concen: 19.197 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	44.0





#75

2-Chlorotoluene

Concen: 19.531 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tot Ion: 91 Resp: 120915

Ion Ratio Lower Upper

91 100

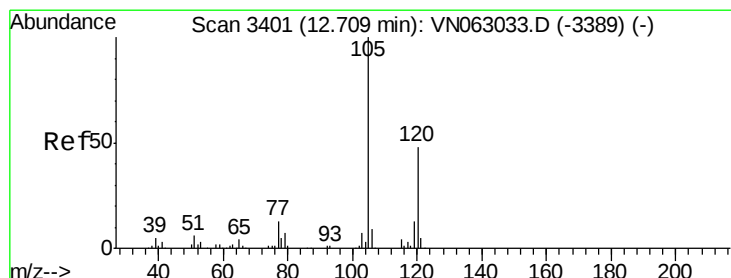
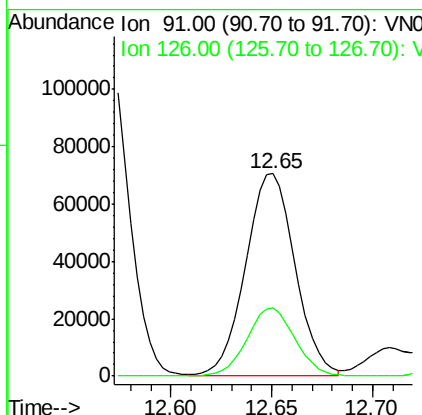
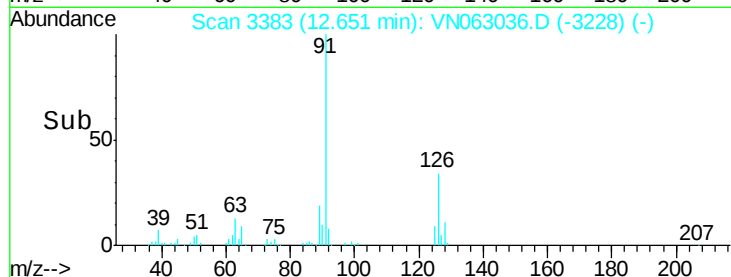
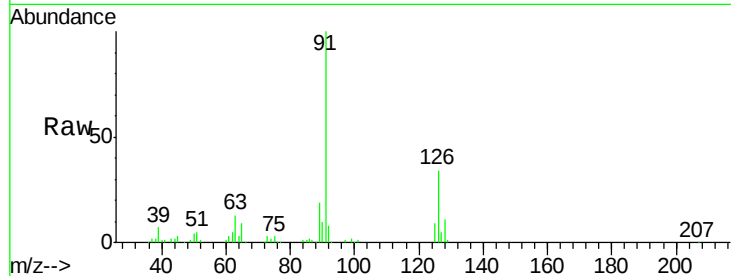
126 32.9 0.0 68.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.365 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063036.D

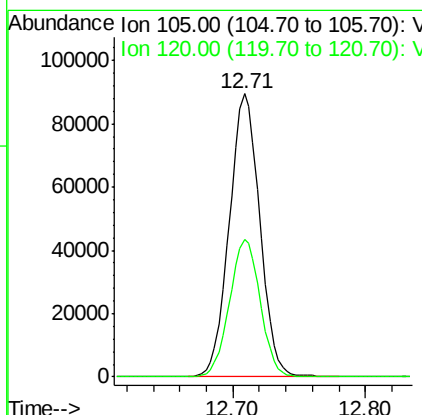
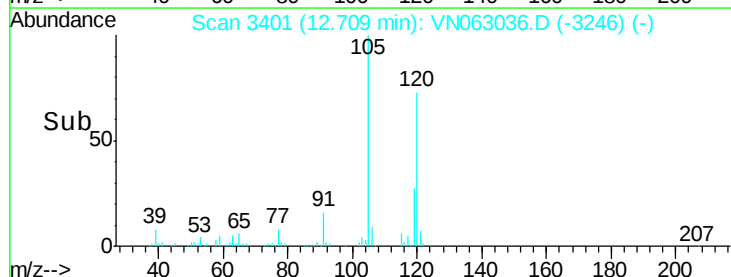
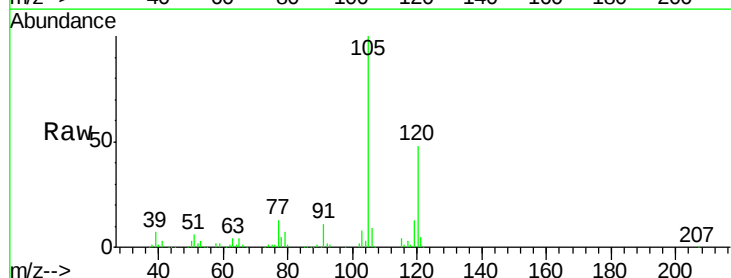
Acq: 20 Aug 2020 14:55

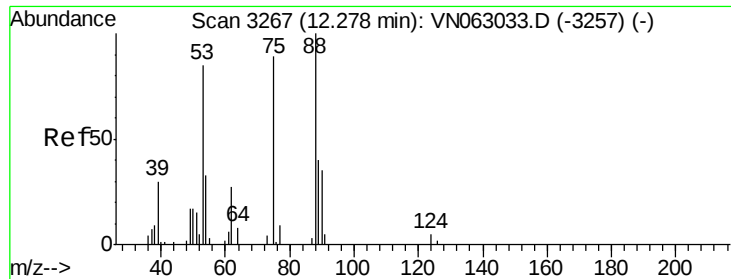
Tgt Ion: 105 Resp: 143103

Ion Ratio Lower Upper

105 100

120 48.8 0.0 95.0





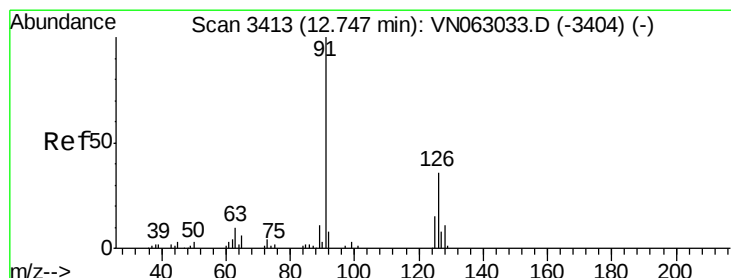
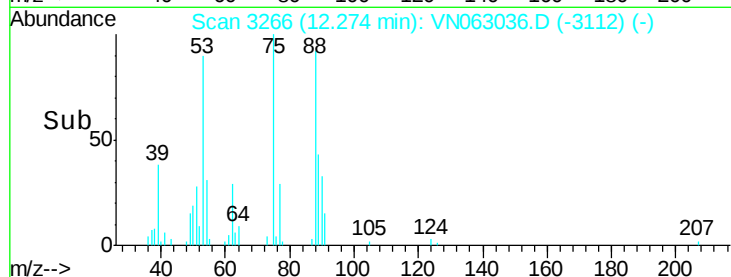
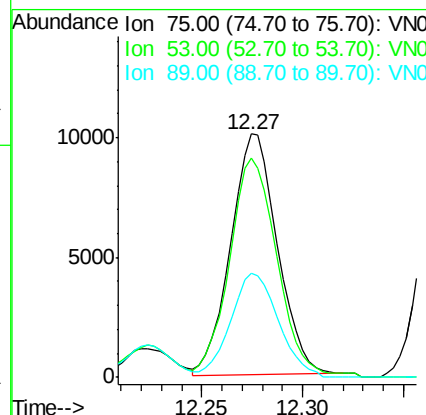
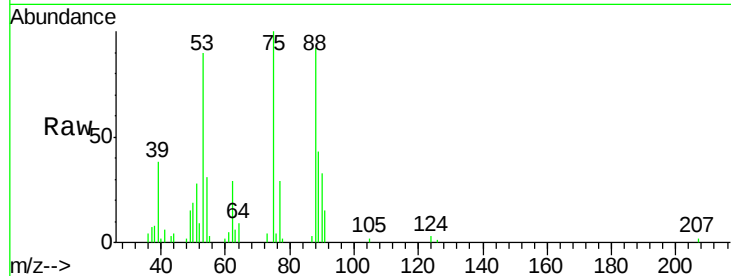
#77
t-1,4-Dichloro-2-butene
Concen: 18.648 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.9	47.0	141.0
89	43.7	22.9	68.7

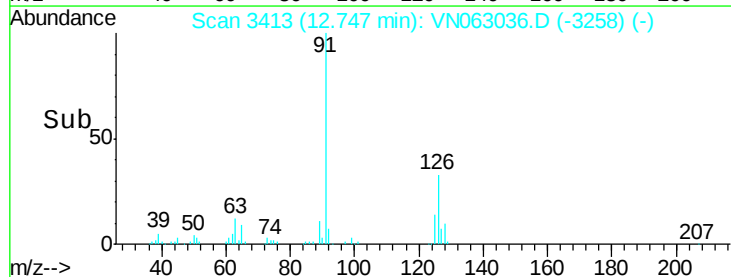
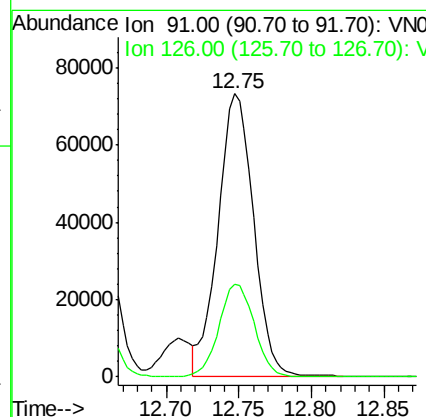
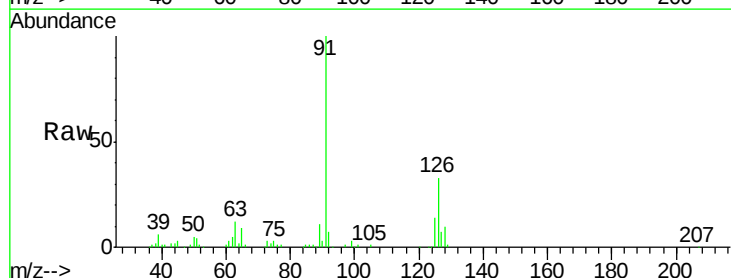
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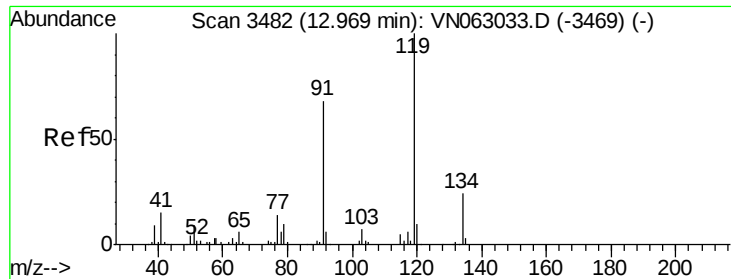
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#78
4-Chlorotoluene
Concen: 19.414 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	0.0	65.0





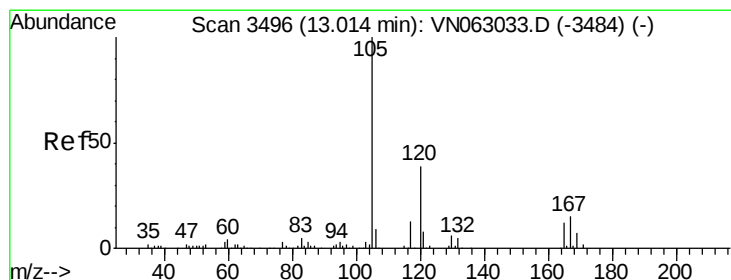
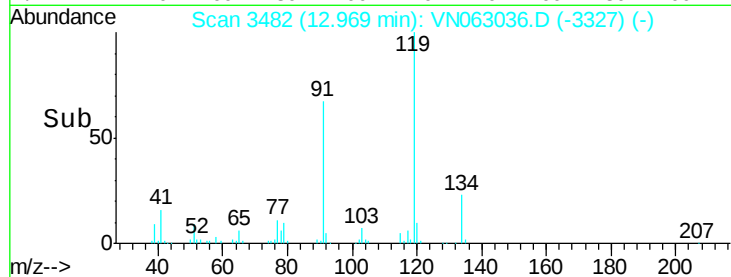
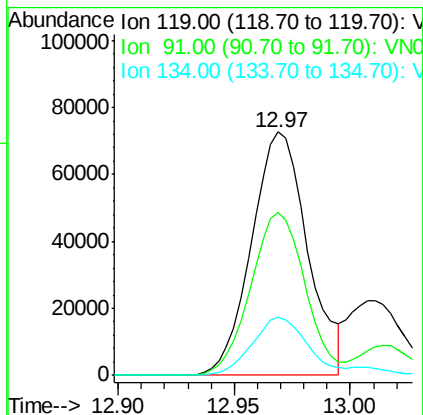
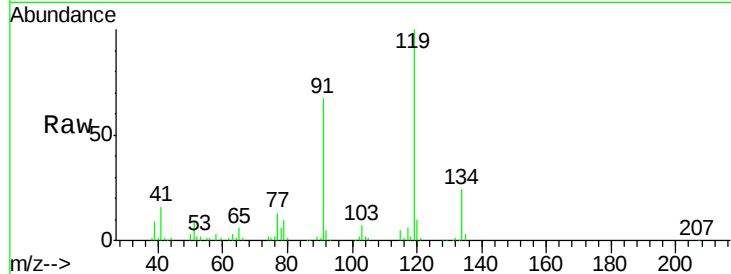
#79
tert-butylbenzene
Concen: 19.710 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	122556		
91	65.4	0.0	136.8	
134	23.4	0.0	48.8	

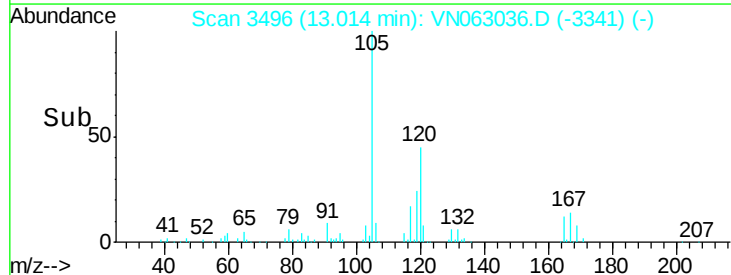
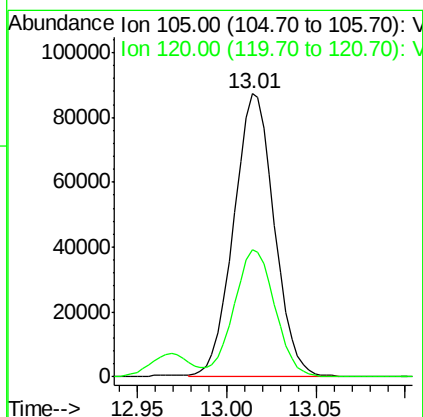
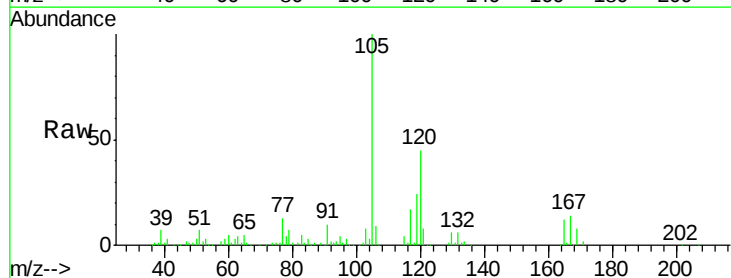
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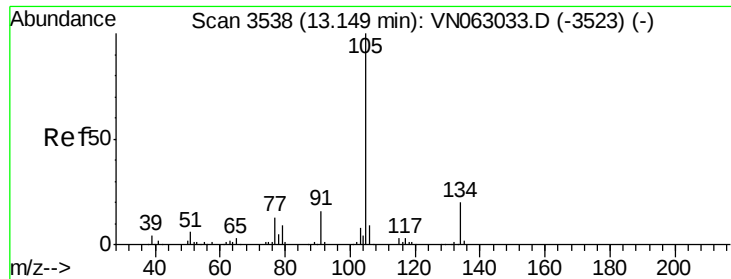
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#80
1,2,4-Trimethylbenzene
Concen: 19.322 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	138992		
120	45.7	0.0	90.4	





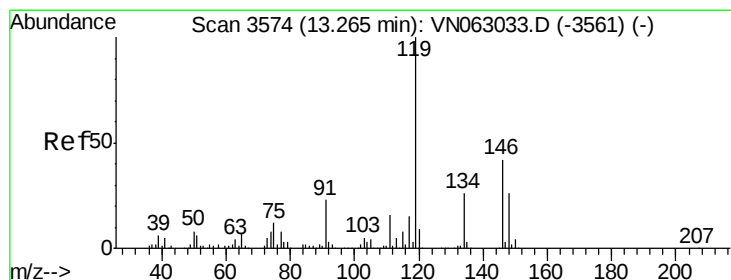
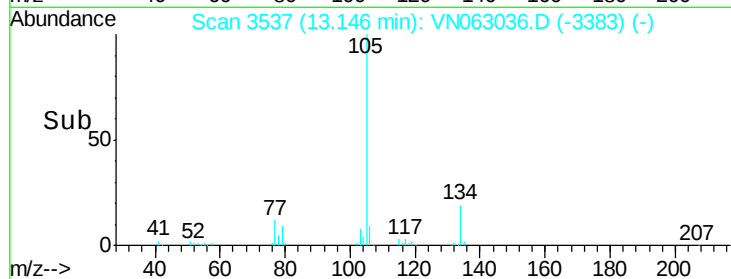
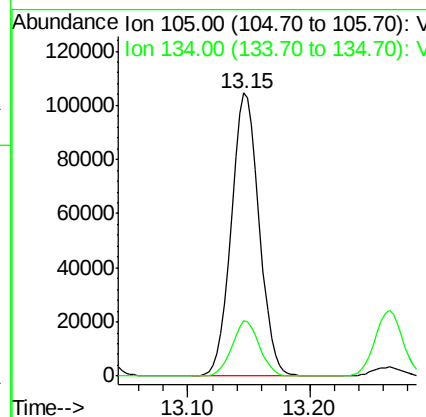
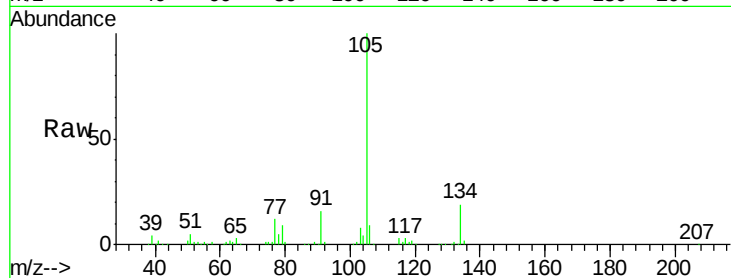
#81
 sec-Butylbenzene
 Concen: 19.532 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	167298		
134	19.3	0.0	39.4	

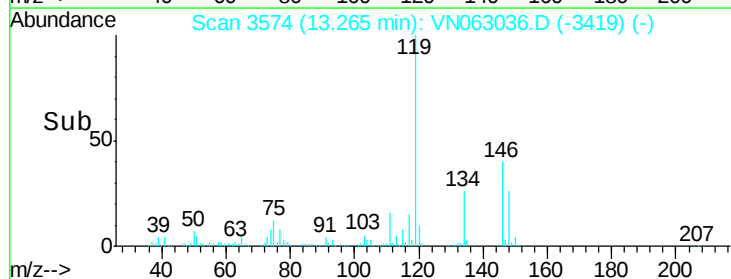
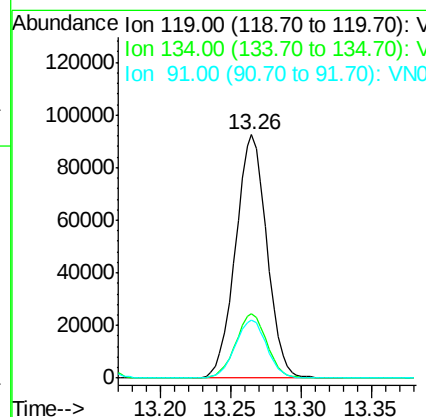
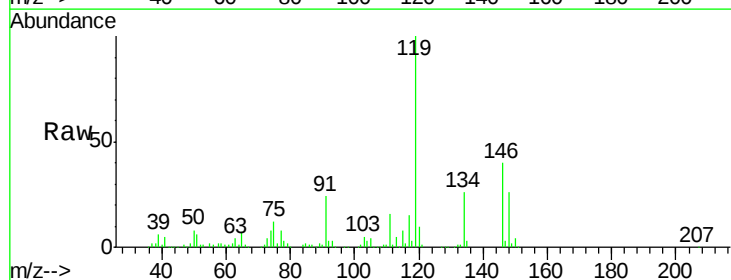
Manual Integrations
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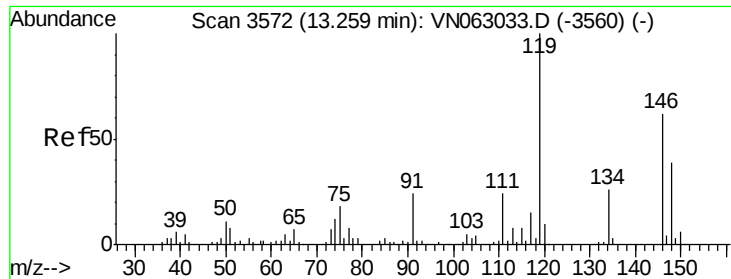
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#82
 p-Isopropyltoluene
 Concen: 18.964 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	143999		
134	26.2	0.0	52.2	
91	24.2	0.0	46.2	





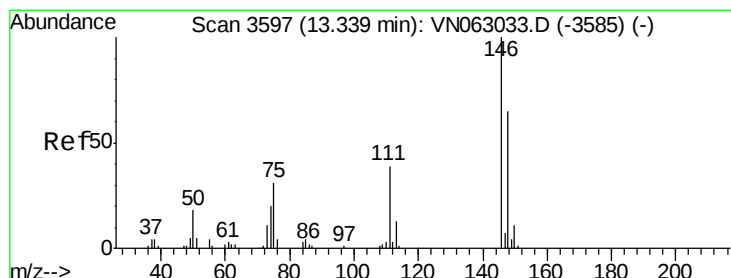
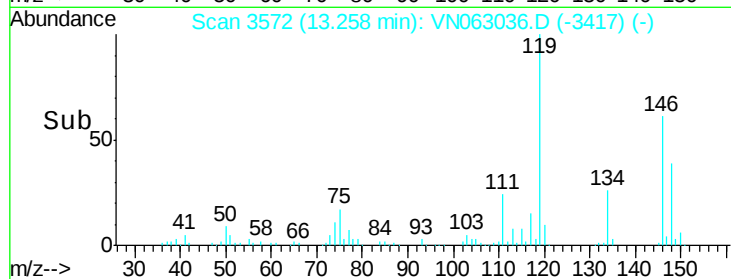
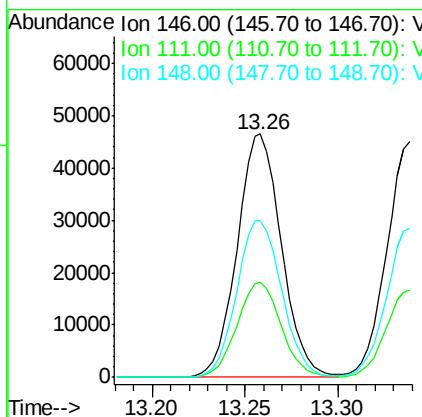
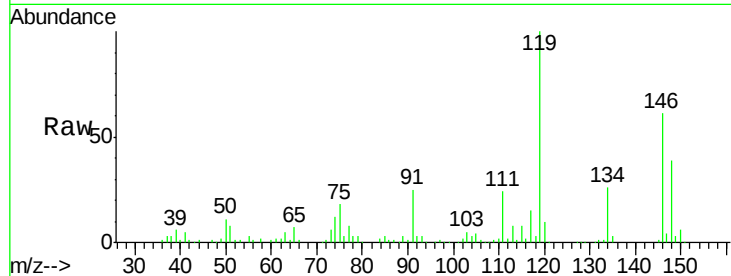
#83
 1,3-Dichlorobenzene
 Concen: 18.956 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	65.6	31.5	94.5

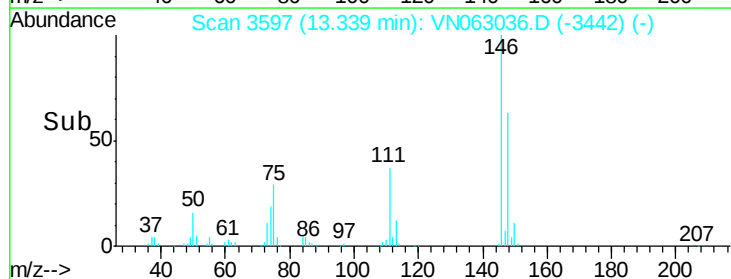
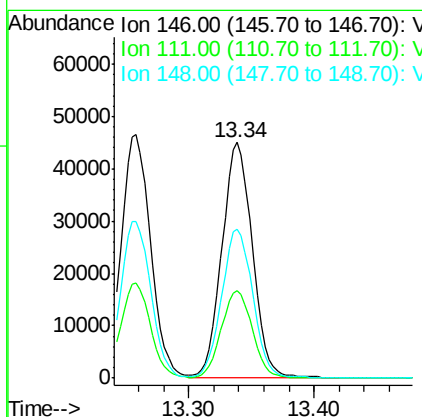
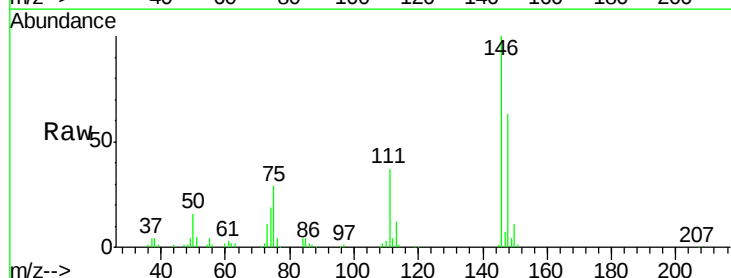
Manual Integrations
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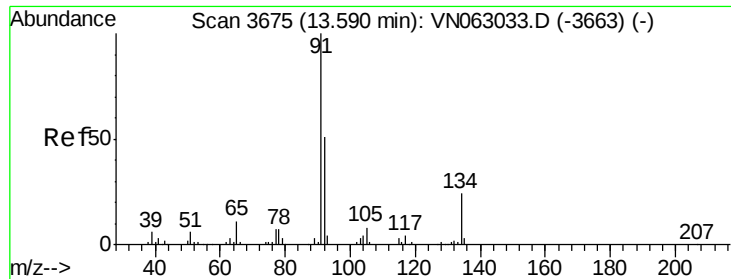
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#84
 1,4-Dichlorobenzene
 Concen: 19.109 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	63.6	31.6	94.8





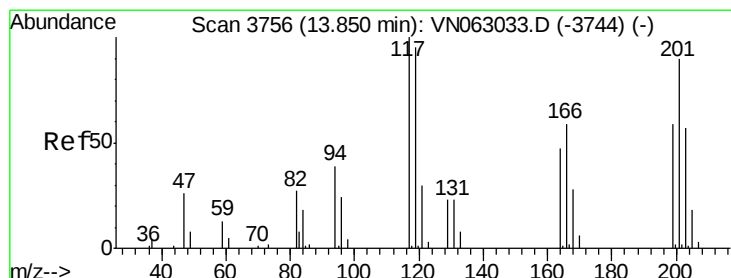
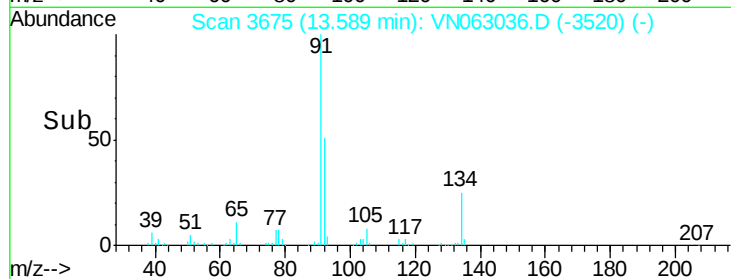
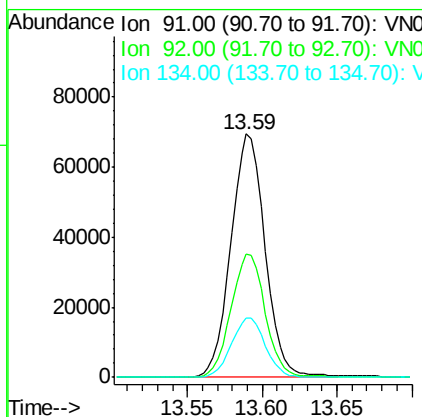
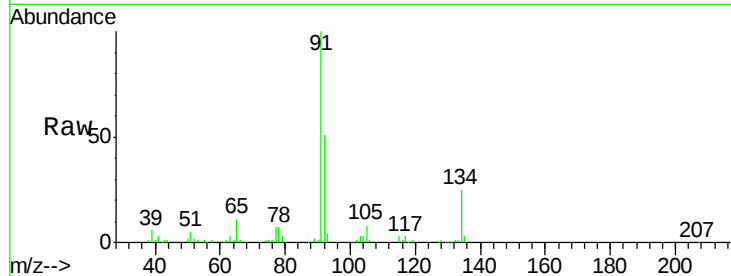
#85
n-Butylbenzene
Concen: 17.544 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	110705		
92	50.8		0.0	100.6
134	24.2		0.0	47.4

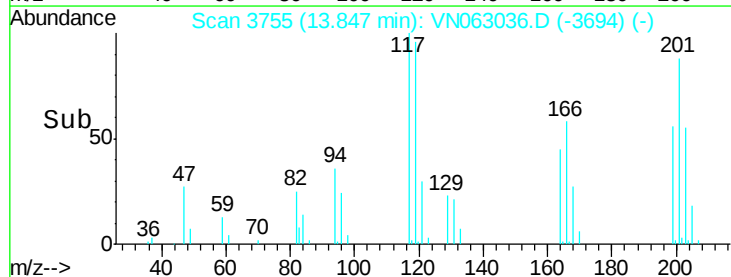
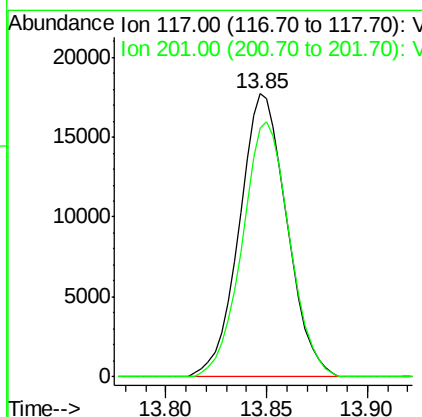
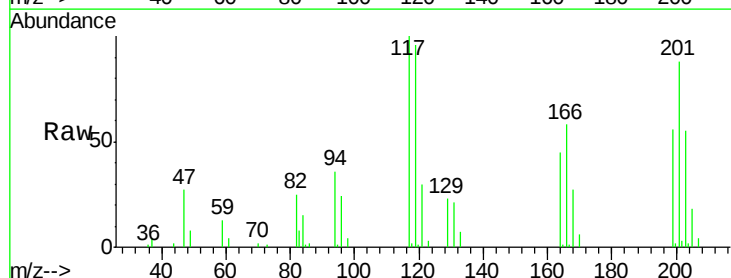
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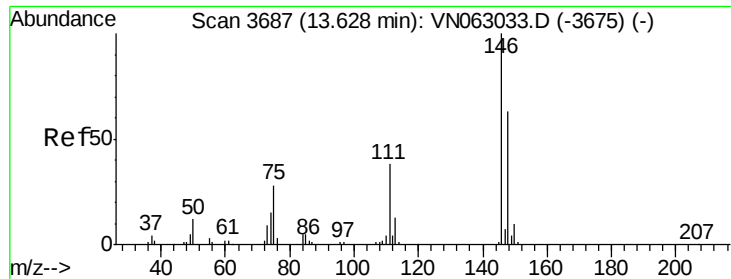
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#86
Hexachloroethane
Concen: 19.582 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29285		
201	89.1		46.1	138.3





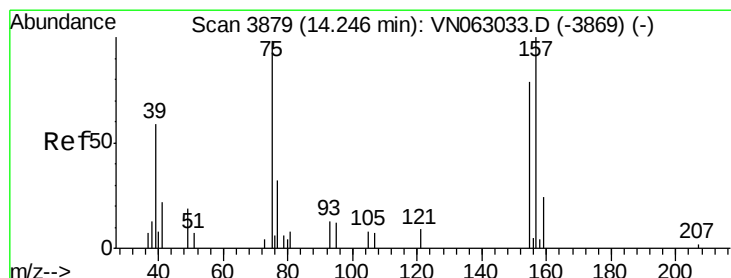
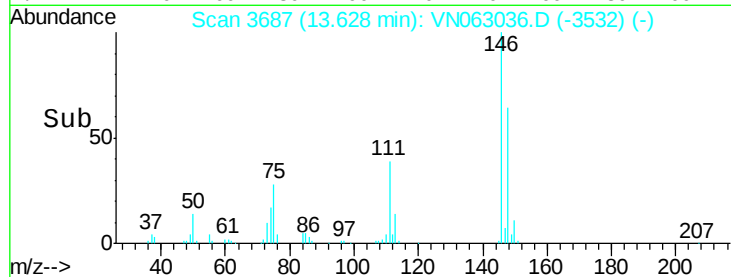
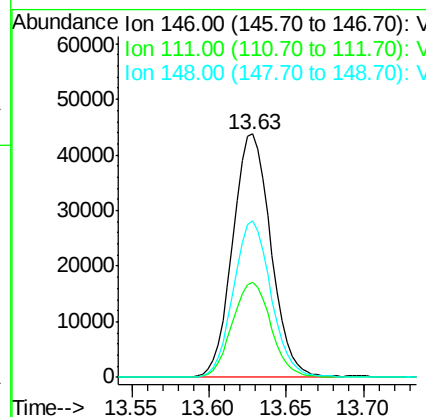
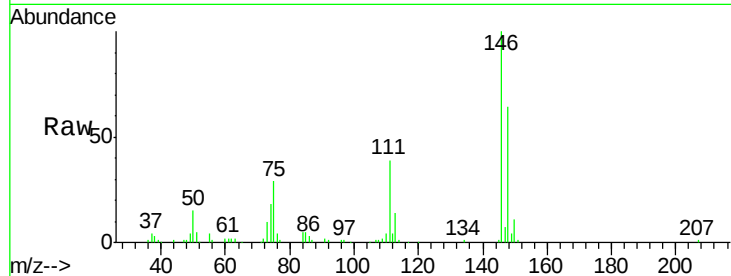
#87
 1,2-Dichlorobenzene
 Concen: 19.281 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0820WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.3
148	63.2	31.8	95.4

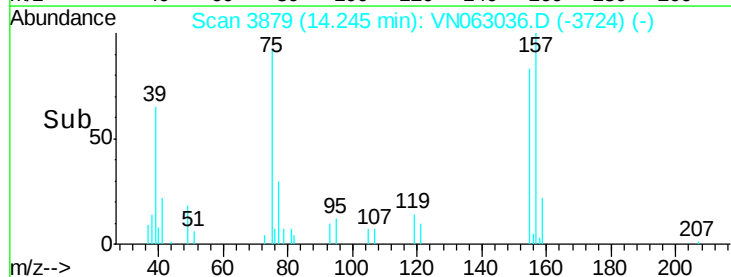
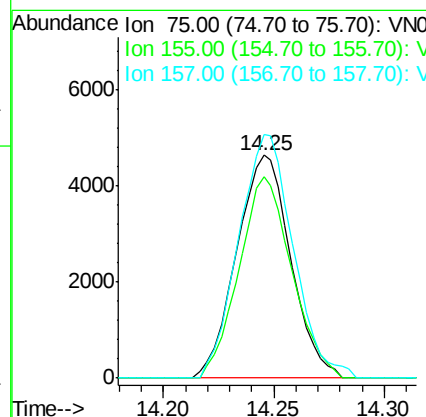
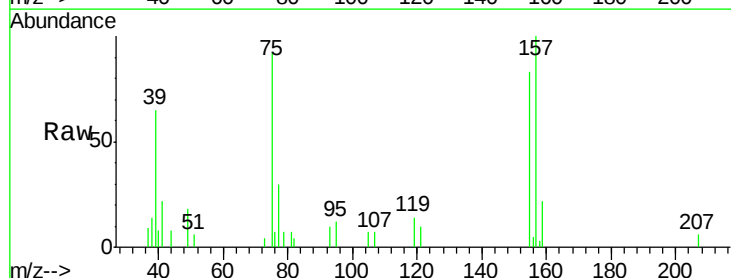
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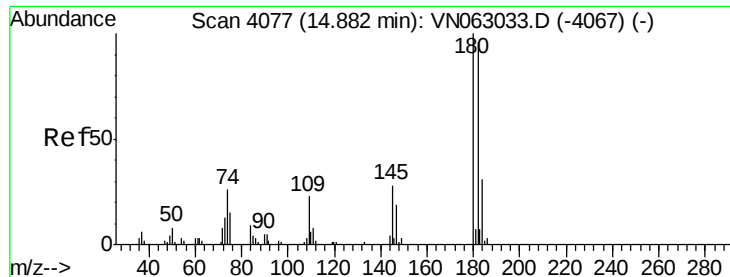
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.897 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	64.8	97.2
157	110.5	81.2	121.8





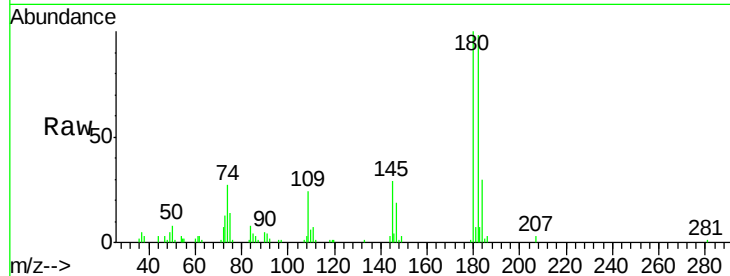
#89
 1,2,4-Trichlorobenzene
 Concen: 16.617 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

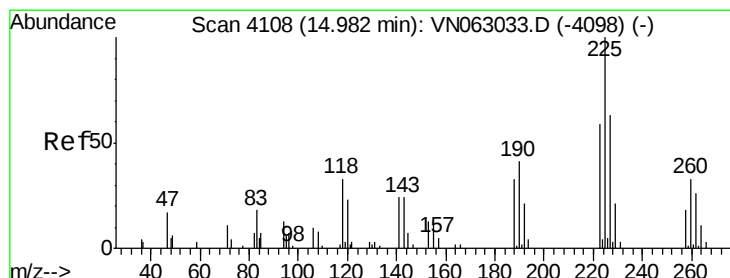
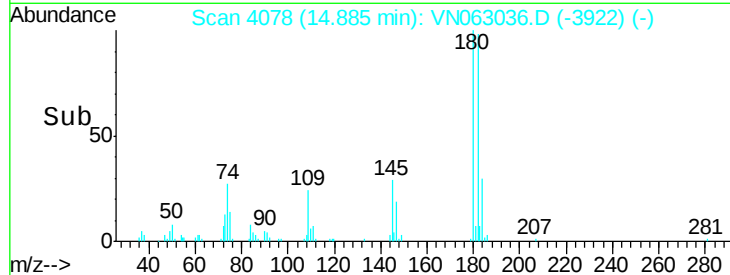
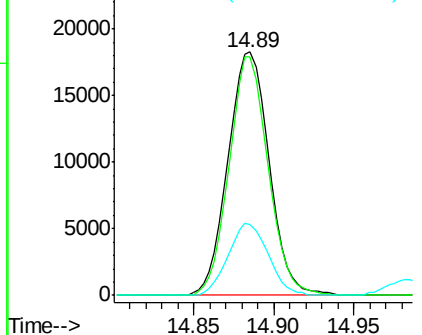
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.9	115.3
145	28.6	21.9	32.9

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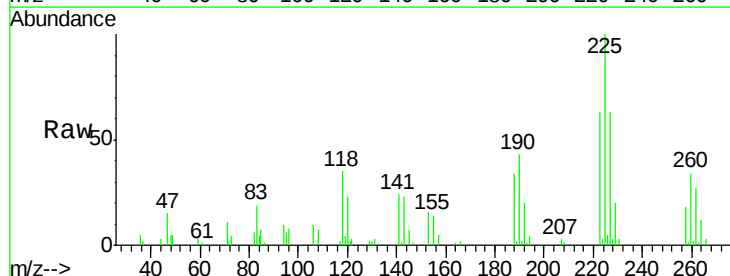


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

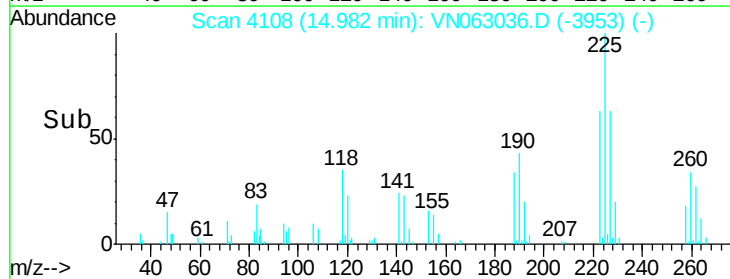
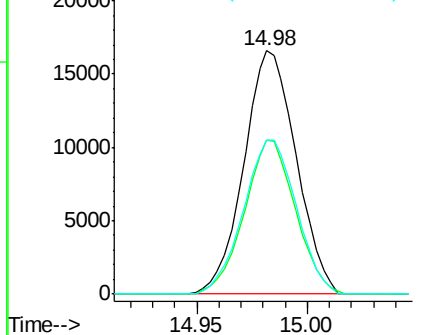


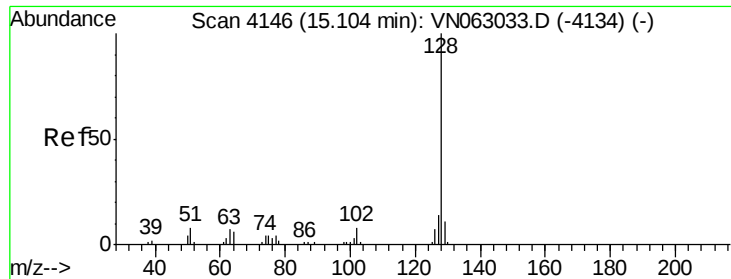
#90
 Hexachlorobutadiene
 Concen: 19.109 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	0.0	122.8
227	64.1	0.0	125.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





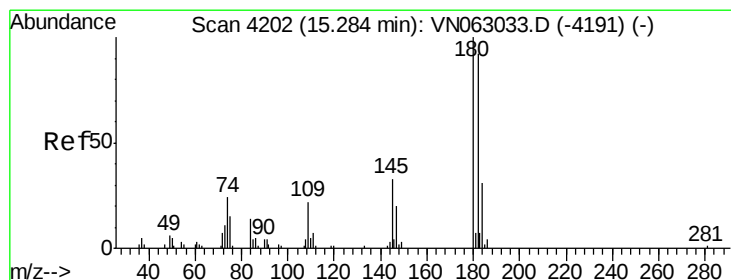
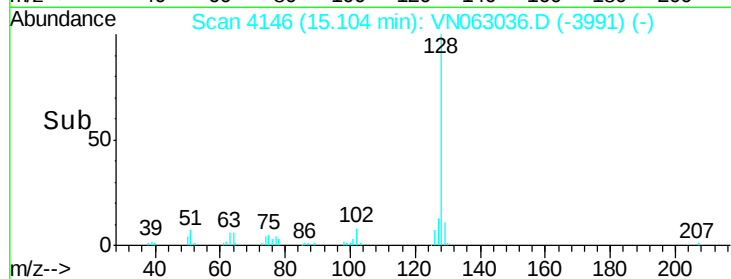
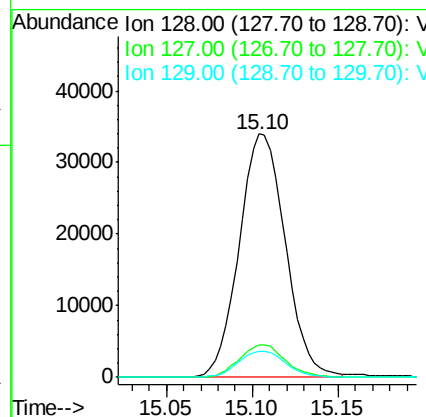
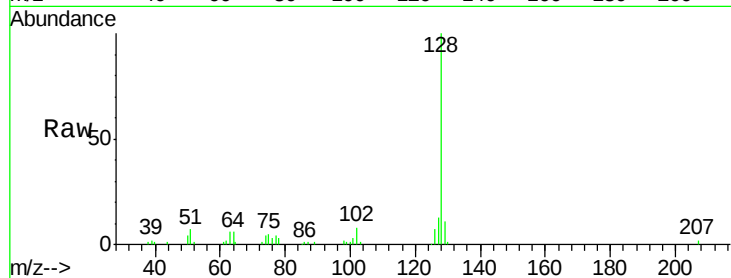
#91
Naphthalene
Concen: 14.841 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.1	16.7
129	11.0	8.4	12.6

Manual Integrations
APPROVED

MMDadoda
8/21/2020 9:21:06 AM



#92
1,2,3-Trichlorobenzene
Concen: 16.932 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	188.0
145	30.1	0.0	62.0

