

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090319\
 Data File : VN057673.D
 Acq On : 3 Sep 2019 19:42
 Operator : JC/SP
 Sample : VN0903WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0903WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/5/2019 3:21:35 PM

Quant Time: Sep 04 03:21:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58926	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	358654	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	302054	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	189449	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	12.40	95	144254	27.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.17%
63) Toluene-d8	10.09	98	450794	30.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	86285	20.325	ug/l 99
3) Chloromethane	2.05	50	92053	20.561	ug/l 99
4) Vinyl Chloride	2.18	62	73172	19.987	ug/l 97
5) Bromomethane	2.53	94	46891m	20.034	ug/l
6) Chloroethane	2.68	64	54336	20.325	ug/l 94
7) Trichlorofluoromethane	3.01	101	139032	19.828	ug/l 98
8) Diethyl Ether	3.40	74	47508	20.599	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	72299	19.841	ug/l 97
10) 1,1-Dichloroethene	3.73	96	69045	20.769	ug/l 97
11) Methyl Iodide	3.94	142	91313	19.836	ug/l 96
12) Methyl Acetate	4.31	43	104798	21.114	ug/l 97
13) Acrolein	3.60	56	26058	92.527	ug/l 100
14) Acrylonitrile	4.97	53	178926	99.050	ug/l 99
15) Acetone	3.81	58	44407	87.640	ug/l 97
16) Carbon Disulfide	4.04	76	156787	18.775	ug/l 98
17) Allyl chloride	4.31	41	132770	18.700	ug/l 99
18) Methylene Chloride	4.54	84	83614	20.072	ug/l 98
19) trans-1,2-Dichloroethene	5.03	96	68533	19.489	ug/l 98
20) Diisopropyl ether	5.93	45	304594	19.909	ug/l 99
21) 1,1-Dichloroethane	5.83	63	158677	20.122	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	86150	20.057	ug/l 99
23) tert-Butyl Alcohol	4.75	59	67504m	102.771	ug/l
24) Methyl tert-Butyl Ether	5.03	73	267036	20.216	ug/l 99
25) Chloroform	7.36	83	161051	19.702	ug/l 98
26) Cyclohexane	7.64	56	132573	19.743	ug/l # 96
29) 1,1-Dichloropropene	7.78	75	113709	19.854	ug/l 97
30) 2-Butanone	6.82	43	260776	96.388	ug/l # 98
31) 2,2-Dichloropropane	6.81	77	125466	17.701	ug/l 97
32) 1,1,1-Trichloroethane	7.56	97	140616	19.832	ug/l 97
33) Carbon Tetrachloride	7.76	117	112075	19.464	ug/l 99
34) Benzene	8.03	78	329931	20.055	ug/l 96
35) Methacrylonitrile	7.16	41	56565	22.823	ug/l 96
36) 1,2-Dichloroethane	8.11	62	144978	19.775	ug/l # 100
37) Trichloroethene	8.83	130	78793	20.170	ug/l 96
38) Methylcyclohexane	9.07	83	122471	19.271	ug/l 98
39) 1,2-Dichloropropane	9.11	63	89789	19.959	ug/l 91
40) Dibromomethane	9.20	93	58003	19.890	ug/l 99

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Quant Time: Sep 04 03:21:25 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	119858	19.016	ug/l	93
42) Vinyl Acetate	5.88	43	1238599	104.160	ug/l	100
43) Ethyl Acetate	6.91	43	114420	20.538	ug/l #	84
44) Isopropyl Acetate	8.15	43	204238	19.609	ug/l	98
45) 1,4-Dioxane	9.19	88	27634	413.306	ug/l #	93
46) Methyl methacrylate	9.19	41	98765	19.542	ug/l	98
47) n-amyl Acetate	12.07	43	146216	18.102	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	120535	18.231	ug/l	96
49) cis-1,3-Dichloropropene	9.83	75	133818	18.971	ug/l	95
50) 1,1,2-Trichloroethane	10.56	97	78752	20.023	ug/l	97
51) Ethyl methacrylate	10.43	69	120709	18.827	ug/l	97
52) 1,3-Dichloropropane	10.71	76	138582	19.796	ug/l	99
53) Dibromochloromethane	10.90	129	75954	18.503	ug/l	100
54) 1,2-Dibromoethane	11.00	107	76264	19.398	ug/l	98
55) 2-Chloroethyl vinyl ether	9.69	63	184502	91.077	ug/l	99
56) Bromoform	12.13	173	41821	16.430	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	582767	109.172	ug/l	98
59) 2-Hexanone	10.75	43	380421	100.709	ug/l	99
61) Tetrachloroethene	10.63	164	72739	20.972	ug/l	98
62) Toluene	10.15	91	354427	20.899	ug/l	99
64) Chlorobenzene	11.43	112	196292	19.711	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	73301	20.092	ug/l	97
66) Ethyl Benzene	11.51	91	389062	20.524	ug/l	98
67) m/p-Xylenes	11.62	106	262838	39.533	ug/l	100
68) o-Xylene	11.95	106	130494	19.712	ug/l	96
69) Styrene	11.96	104	197107	18.576	ug/l	99
70) Isopropylbenzene	12.25	105	368061	20.269	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	94430	19.765	ug/l	97
72) 1,2,3-Trichloropropane	12.55	75	100927m	22.462	ug/l	
73) Bromobenzene	12.53	156	74433	19.343	ug/l	95
74) n-propylbenzene	12.59	91	392106	19.507	ug/l	99
75) 2-Chlorotoluene	12.68	91	239515	19.033	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	305335	20.255	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	23921	17.440	ug/l	93
78) 4-Chlorotoluene	12.77	91	218096	18.241	ug/l	99
79) tert-butylbenzene	12.99	119	262570	20.281	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	281727	19.891	ug/l	97
81) sec-Butylbenzene	13.17	105	324613	19.457	ug/l	99
82) p-Isopropyltoluene	13.29	119	271451	19.156	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	101805	17.666	ug/l	98
84) 1,4-Dichlorobenzene	13.37	146	94190	17.313	ug/l	99
85) n-Butylbenzene	13.62	91	242647	19.481	ug/l	99
86) Hexachloroethane	13.88	117	46793	18.248	ug/l	96
87) 1,2-Dichlorobenzene	13.66	146	93581	17.601	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	11146	15.913	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	22274	12.091	ug/l	95
90) Hexachlorobutadiene	15.01	225	38481	18.833	ug/l	97
91) Naphthalene	15.13	128	56137	11.733	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	20310	11.346	ug/l	99

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ClientSampleId :
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QLast Update : Wed Sep 04 02:08:50 2019
Response via : Initial Calibration

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

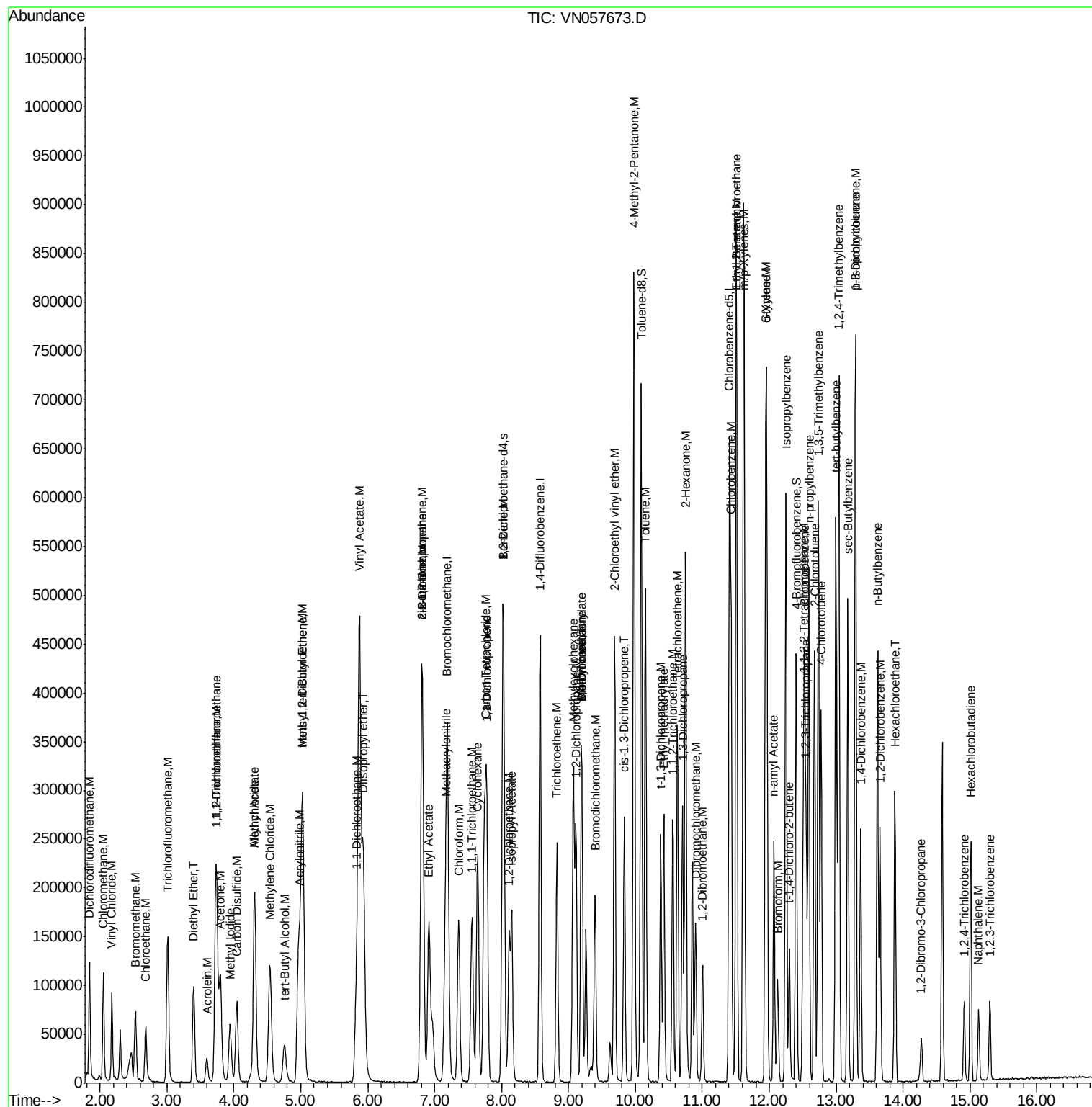
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 Data File : VN057673.D
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 Operator : JC/SP
 Sample : VN0903WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

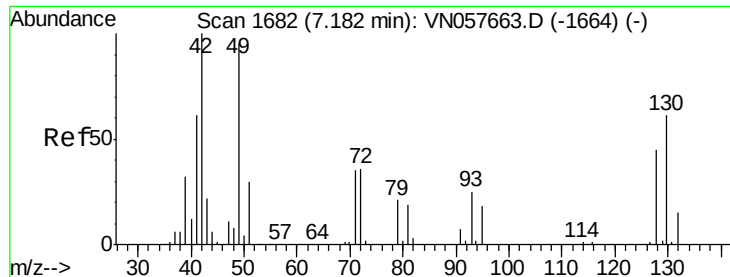
Instrument :
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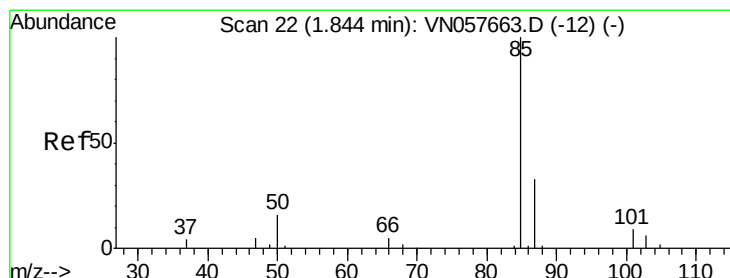
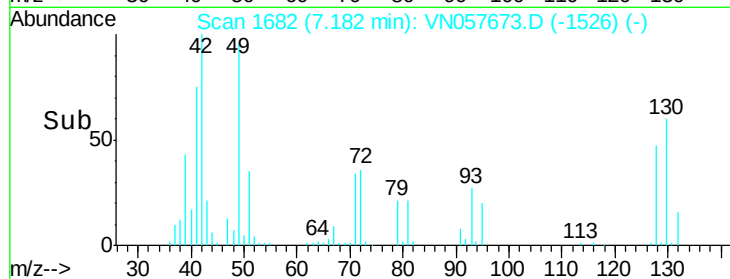
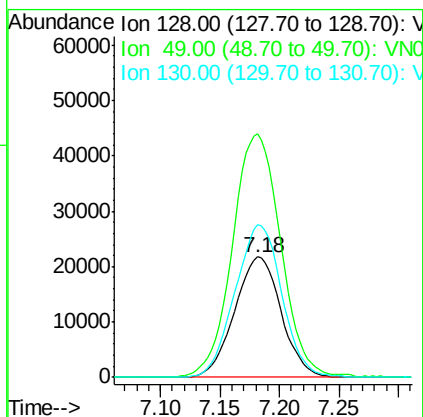
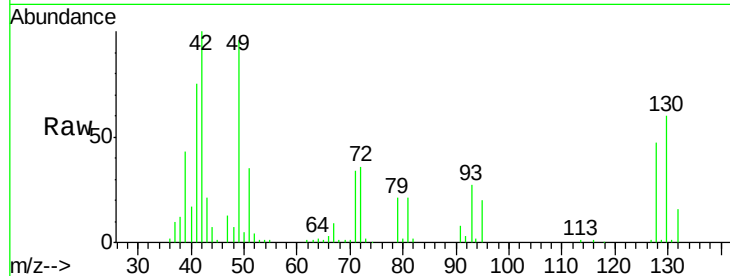
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
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ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	209.1	0.0	544.5
130	127.8	0.0	324.7

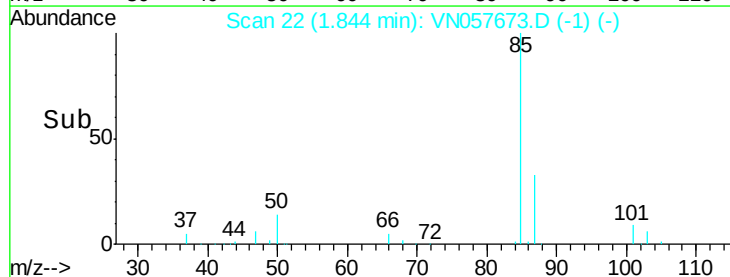
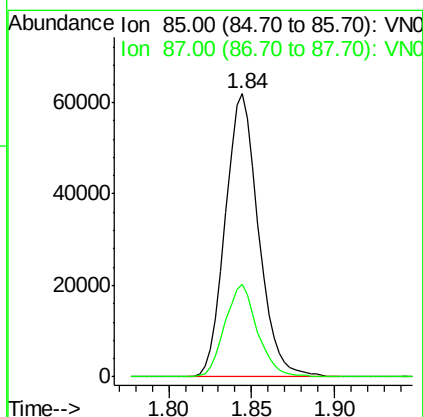
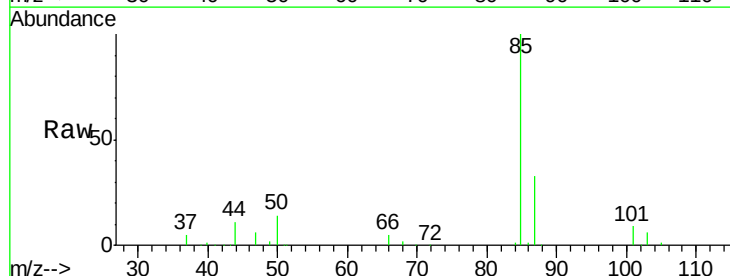
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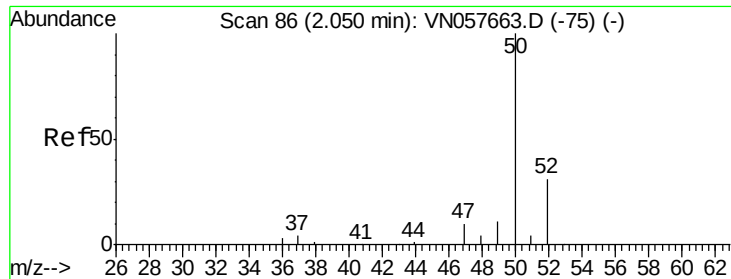
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#2
Dichlorodifluoromethane
Concen: 20.325 ug/l
RT: 1.84 min Scan# 22
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.7





#3

Chloromethane

Concen: 20.561 ug/l

RT: 2.05 min Scan# 86

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

VN0903WBSD01

Tot Ion: 50 Resp: 92053

Ion Ratio Lower Upper

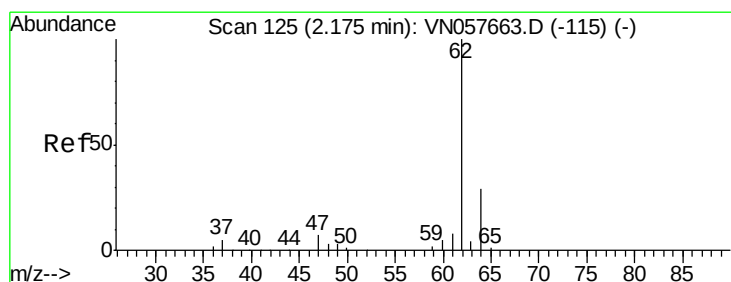
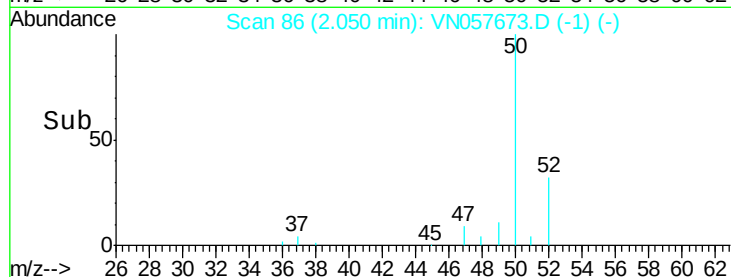
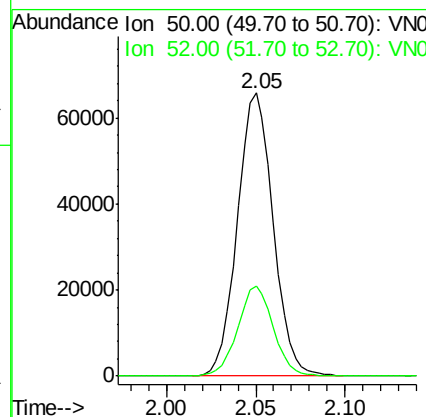
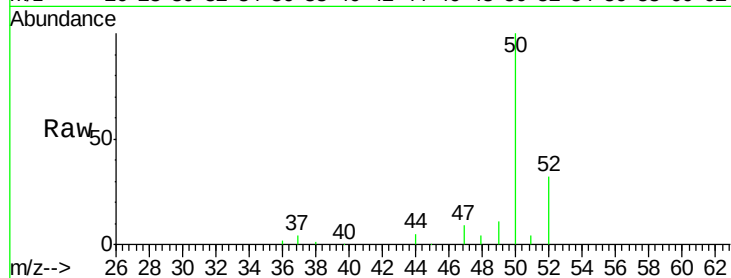
50 100

52 32.0 25.2 37.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.987 ug/l

RT: 2.18 min Scan# 125

Delta R.T. 0.00 min

Lab File: VN057673.D

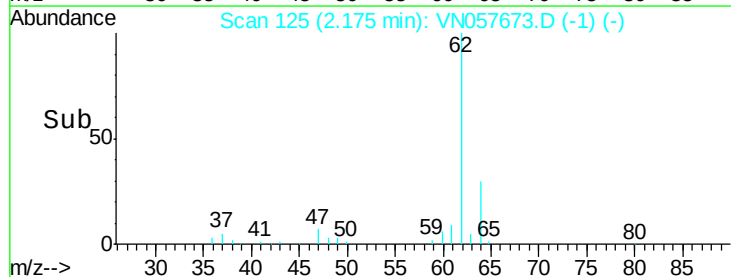
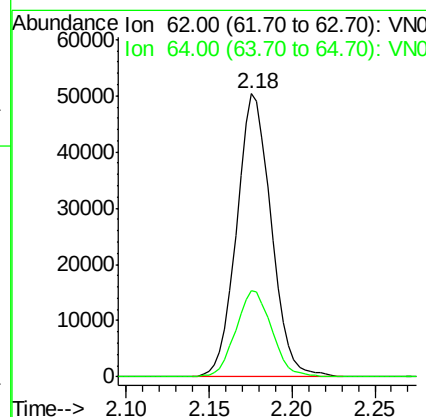
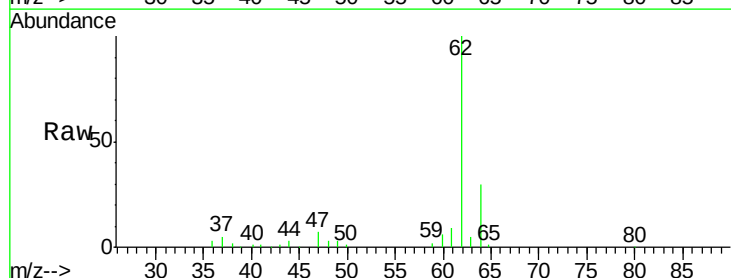
Acq: 3 Sep 2019 19:42

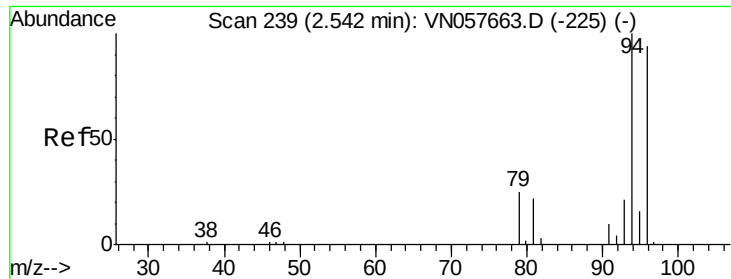
Tgt Ion: 62 Resp: 73172

Ion Ratio Lower Upper

62 100

64 30.4 23.2 34.8





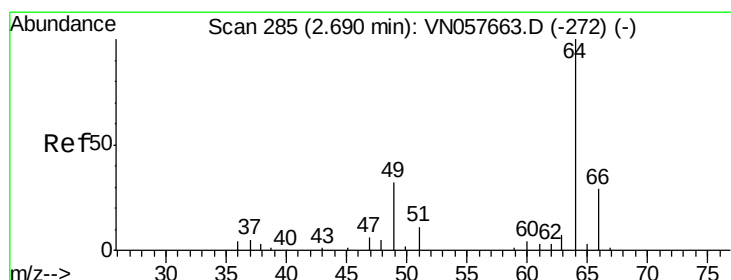
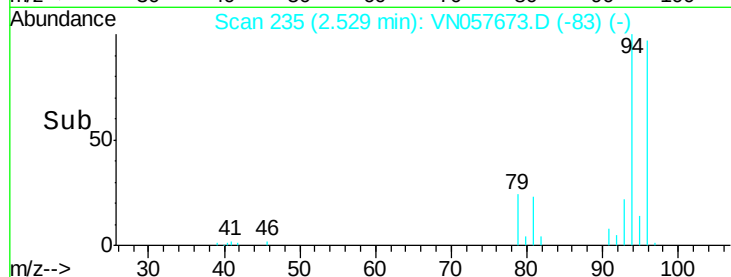
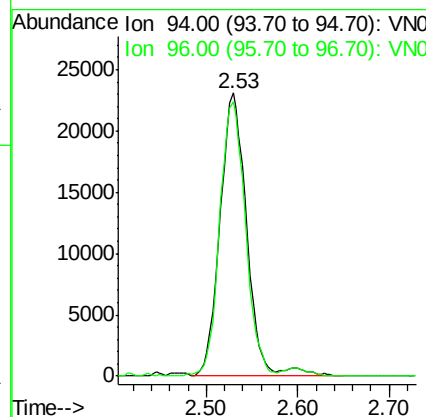
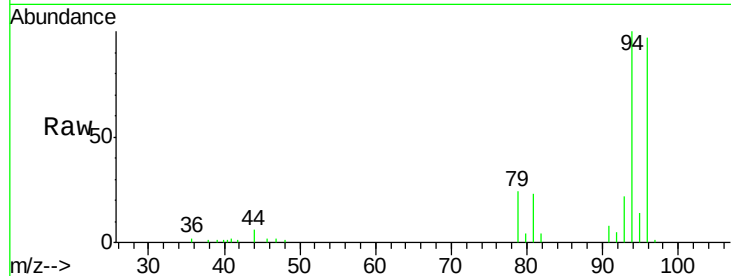
#5
Bromomethane
Concen: 20.034 ug/l m
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
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ClientSampled :
VN0903WBSD01

Tot Ion: 94 Resp: 46891
Ion Ratio Lower Upper
94 100
96 96.9 75.6 113.4

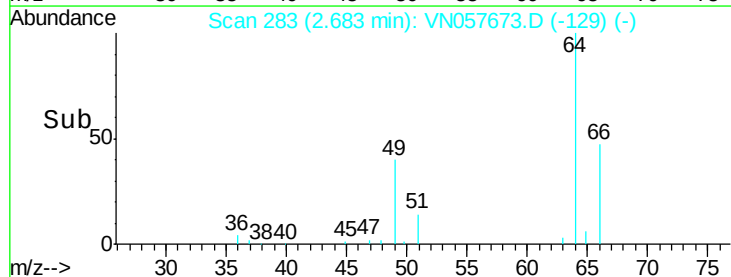
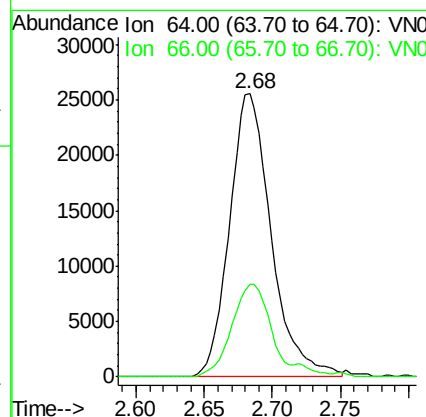
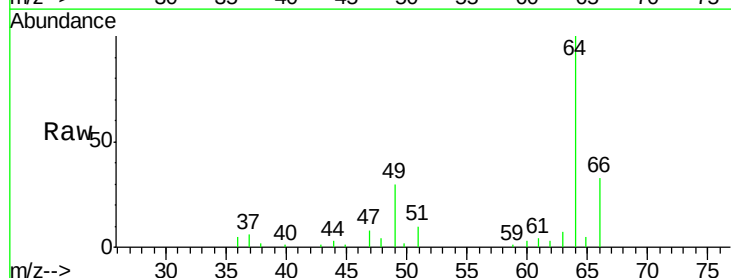
Manual Integrations
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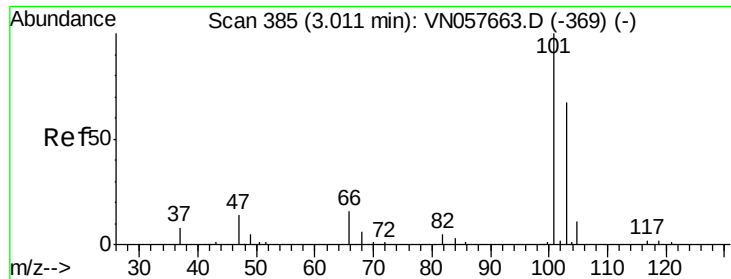
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#6
Chloroethane
Concen: 20.325 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.01 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 64 Resp: 54336
Ion Ratio Lower Upper
64 100
66 32.6 23.5 35.3





#7

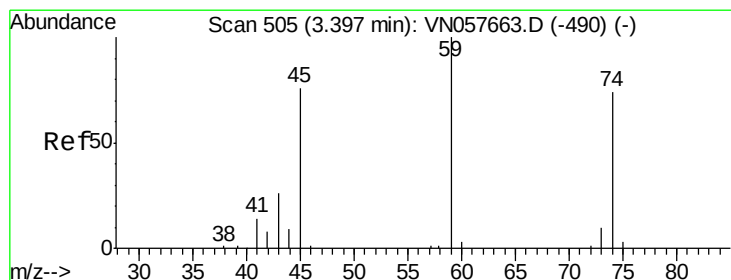
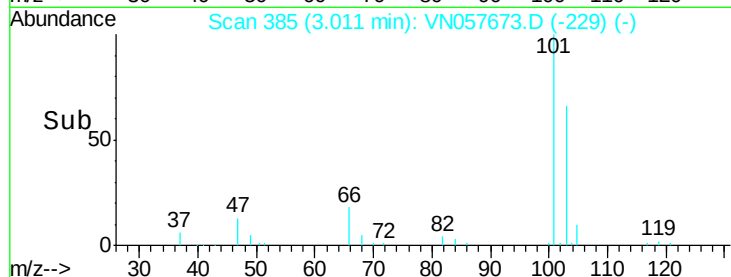
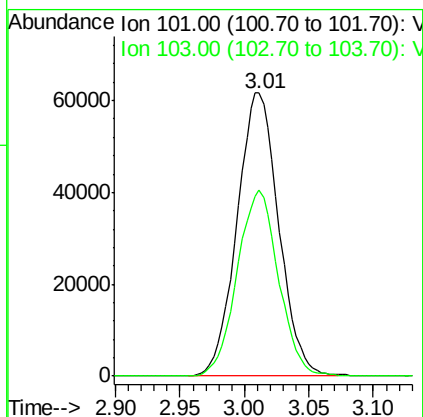
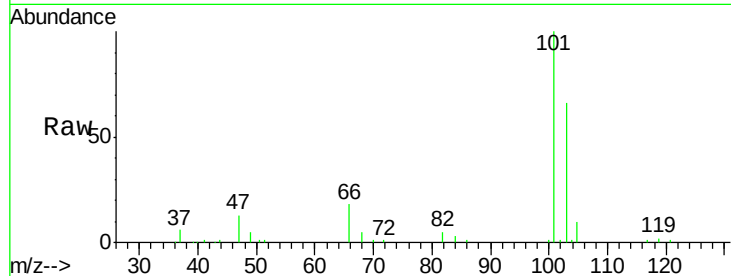
Trichlorofluoromethane
Concen: 19.828 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Tot Ion:101 Resp: 139032
Ion Ratio Lower Upper
101 100
103 65.5 53.6 80.4

Manual Integrations
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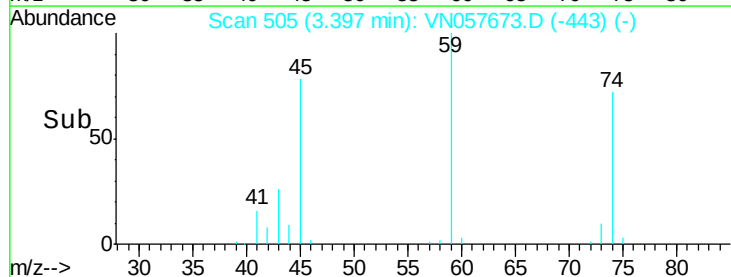
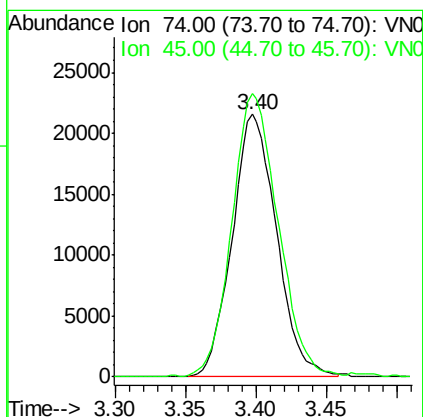
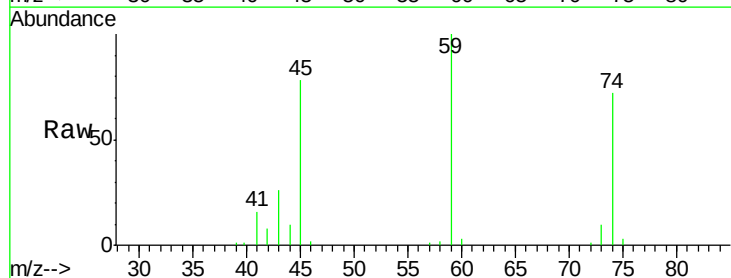
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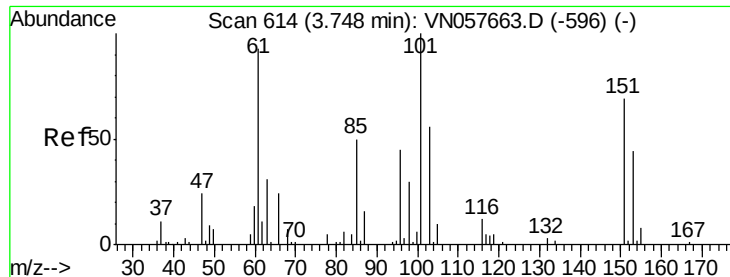


#8

Diethyl Ether
Concen: 20.599 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 74 Resp: 47508
Ion Ratio Lower Upper
74 100
45 112.0 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.841 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

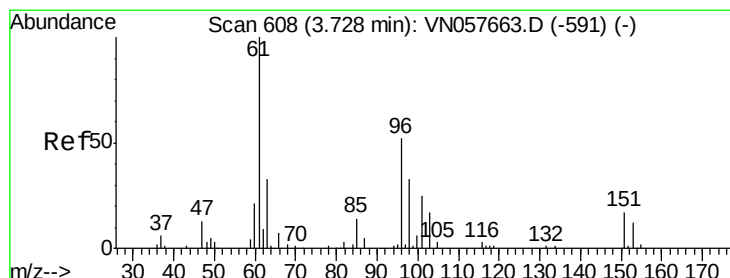
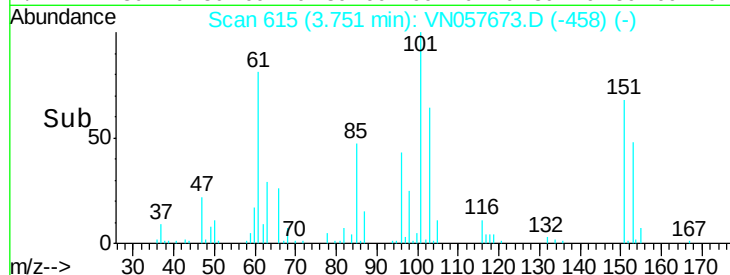
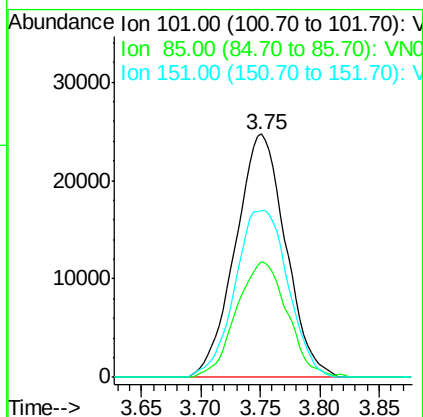
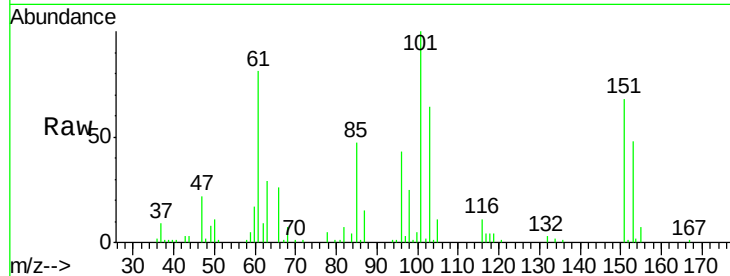
ClientSampleId :

VN0903WBSD01

Tot Ion:	101	Resp:	72299
Ion Ratio	Lower	Upper	
101	100		
85	48.1	0.0	100.2
151	72.5	0.0	140.6

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#10

1,1-Dichloroethene

Concen: 20.769 ug/l

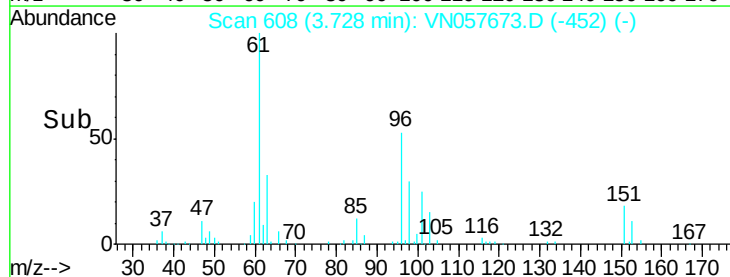
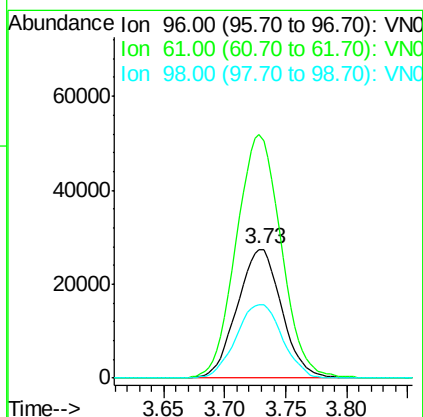
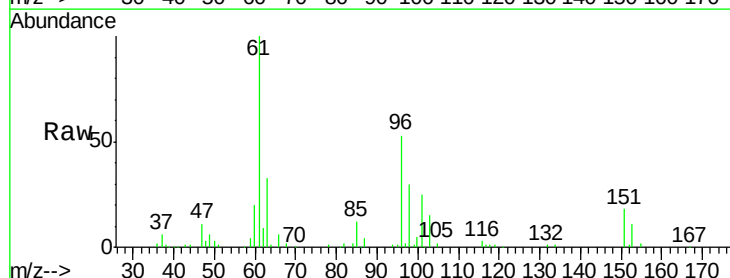
RT: 3.73 min Scan# 608

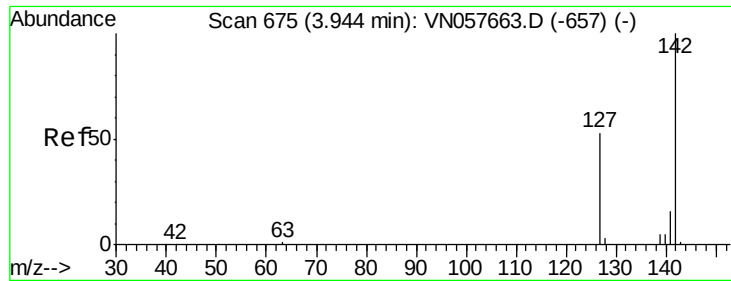
Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion:	96	Resp:	69045
Ion Ratio	Lower	Upper	
96	100		
61	188.9	152.9	229.3
98	57.2	51.0	76.4





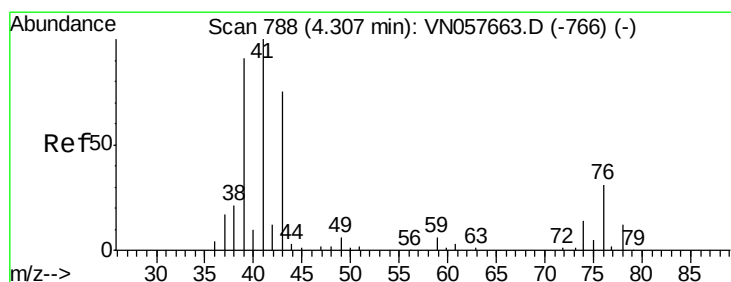
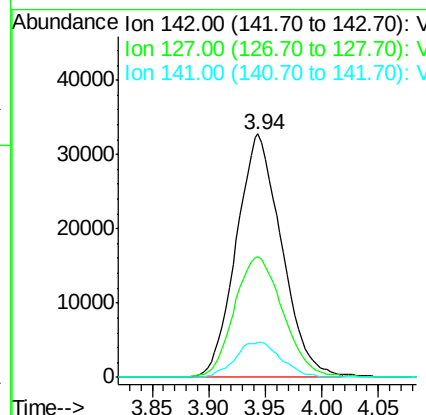
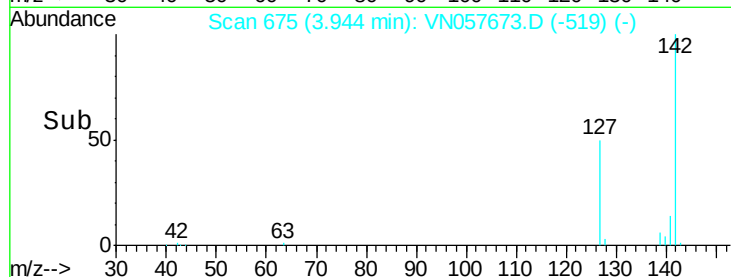
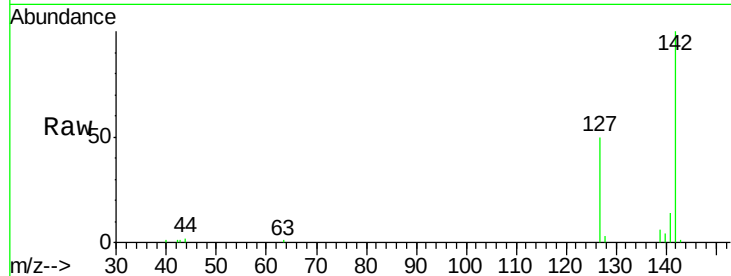
#11
Methvl Iodide
Concen: 19.836 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	49.6	26.2	78.5
141	14.2	7.6	22.9

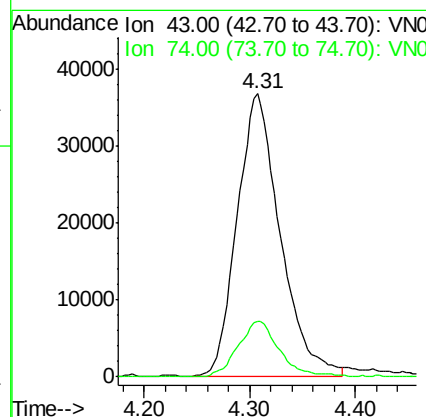
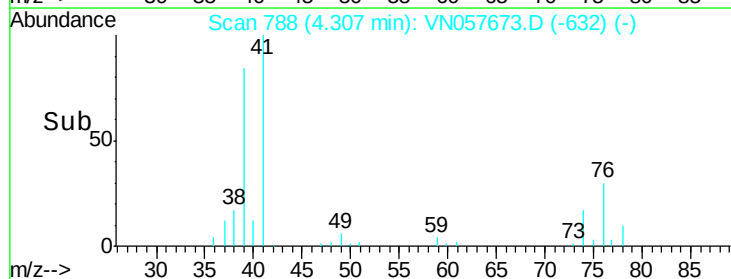
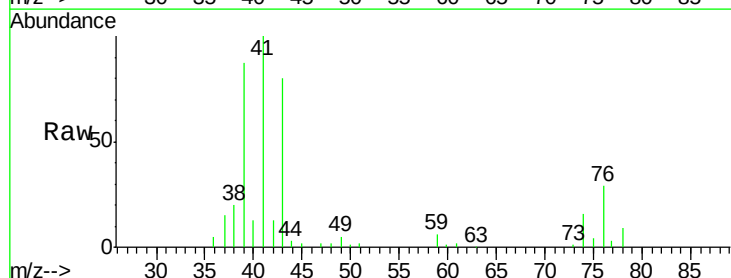
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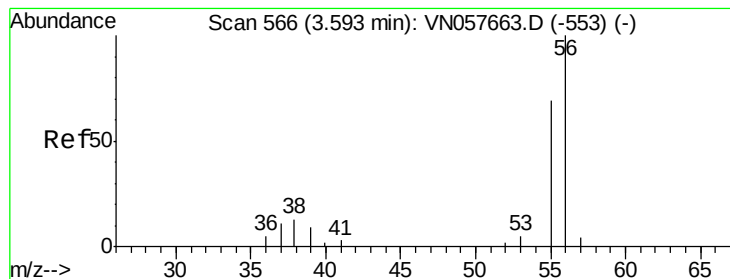
MMDadoda
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#12
Methyl Acetate
Concen: 21.114 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.8	14.6	22.0





#13

Acrolein

Concen: 92.527 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

Tot Ion: 56 Resp: 26058

Ion Ratio Lower Upper

56 100

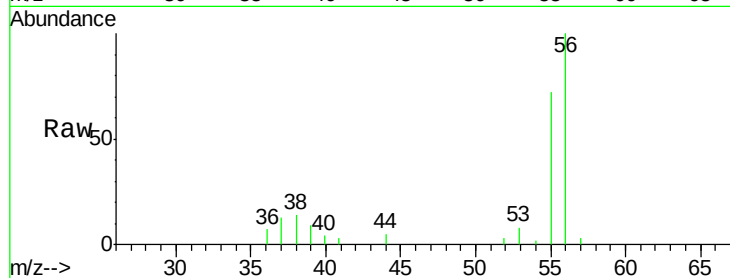
55 68.1 54.2 81.4

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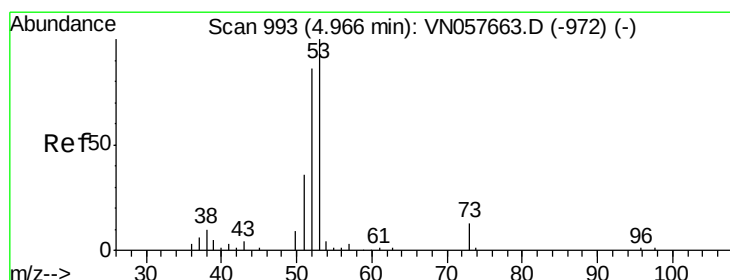
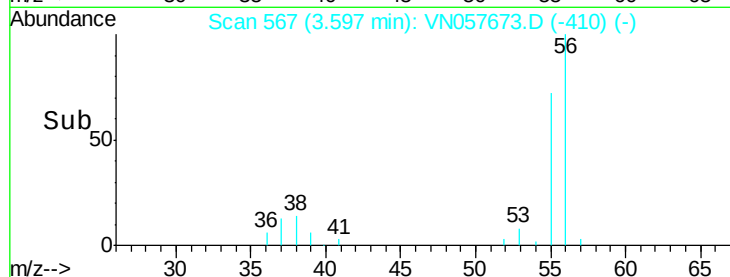
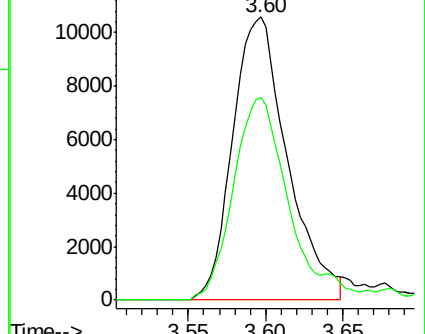
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 99.050 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

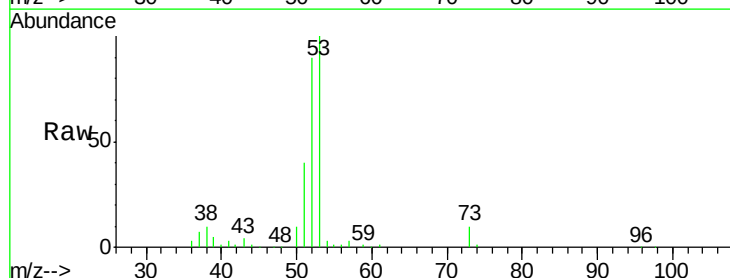
Tgt Ion: 53 Resp: 178926

Ion Ratio Lower Upper

53 100

52 84.5 41.9 125.7

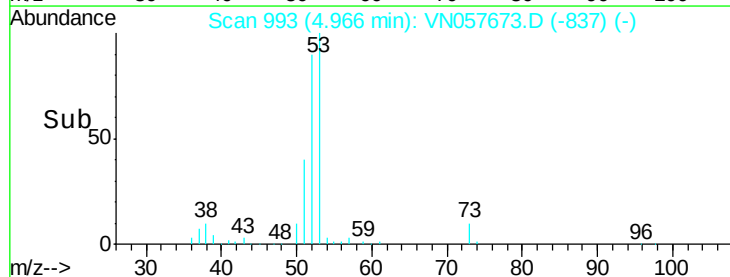
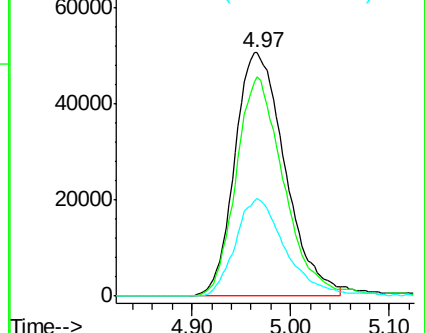
51 39.5 19.4 58.2

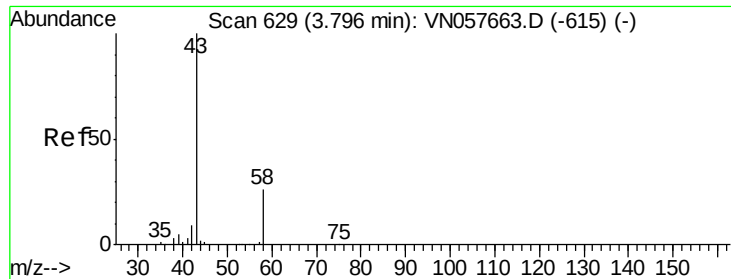


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 87.640 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

Tot Ion: 58 Resp: 44407

Ion Ratio Lower Upper

58 100

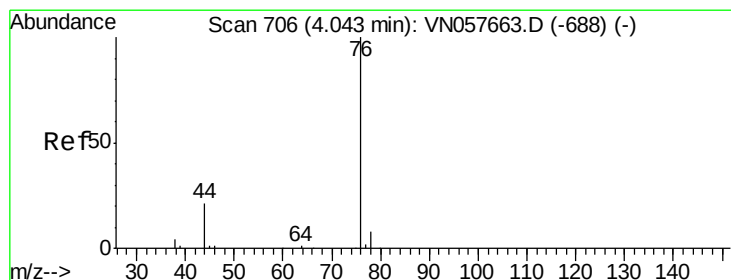
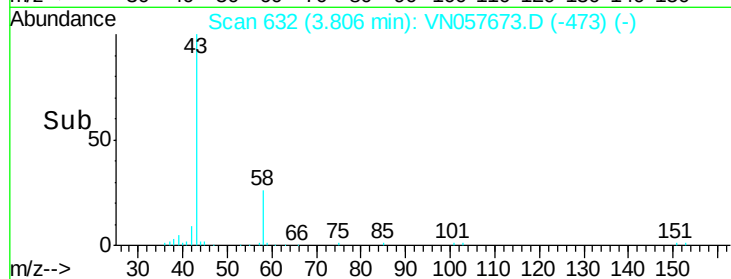
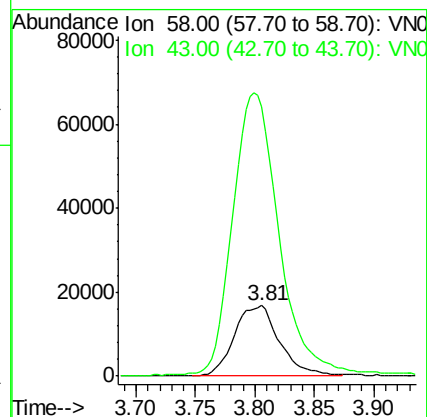
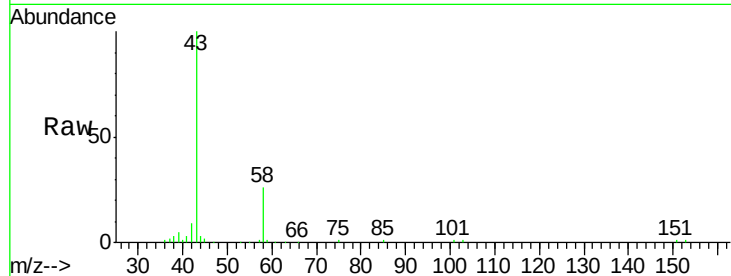
43 379.0 308.8 463.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.775 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN057673.D

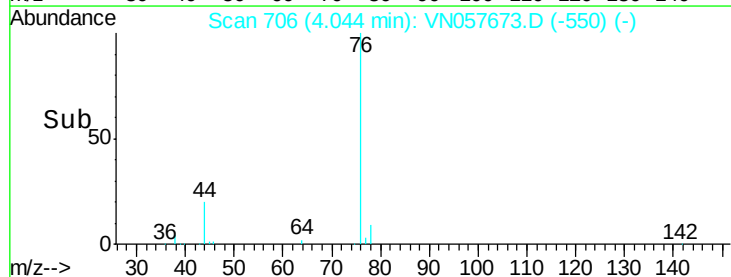
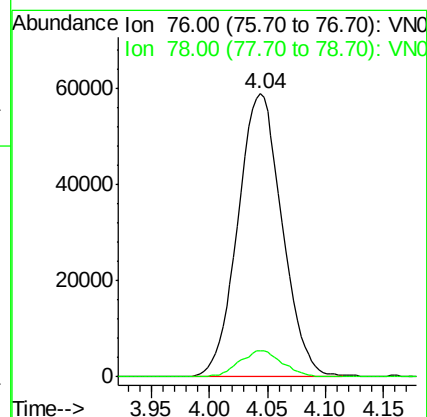
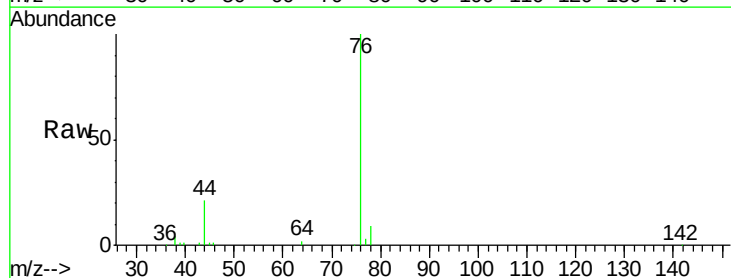
Acq: 3 Sep 2019 19:42

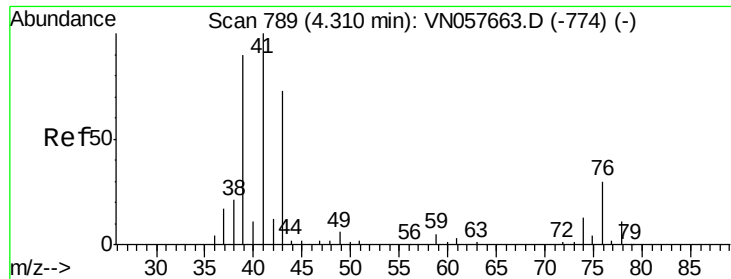
Tgt Ion: 76 Resp: 156787

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2





#17

Allvl chloride

Concen: 18.700 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

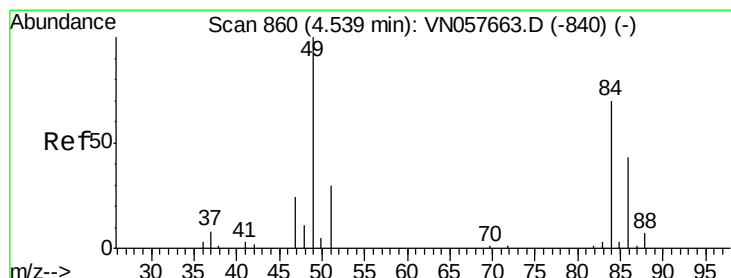
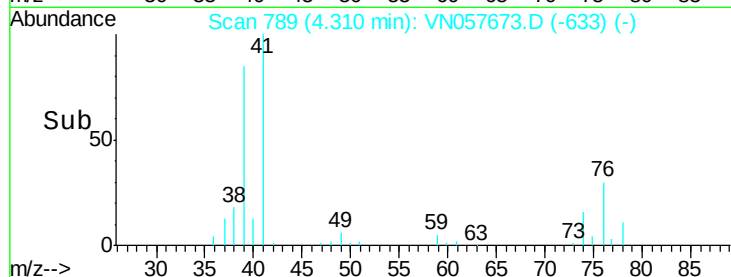
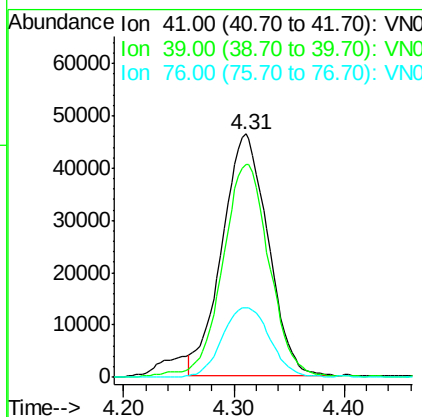
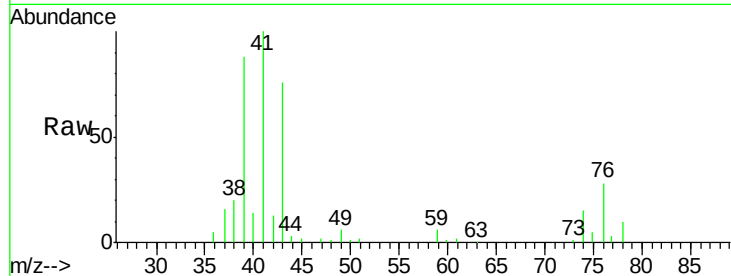
ClientSampleId :

VN0903WBSD01

Tot Ion:	41	Resp:	132770
Ion	Ratio	Lower	Upper
41	100		
39	87.5	43.0	128.8
76	28.2	14.2	42.8

Manual Integrations
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#18

Methylene Chloride

Concen: 20.072 ug/l

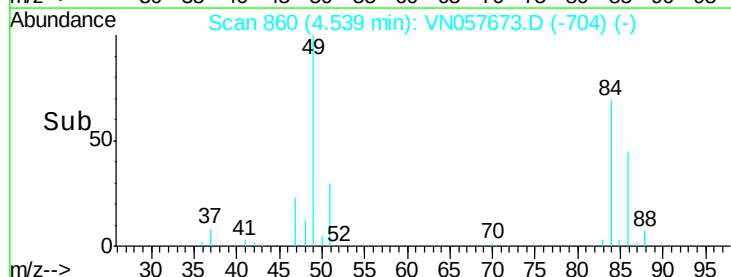
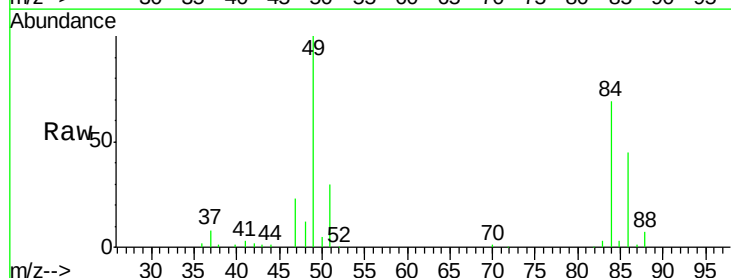
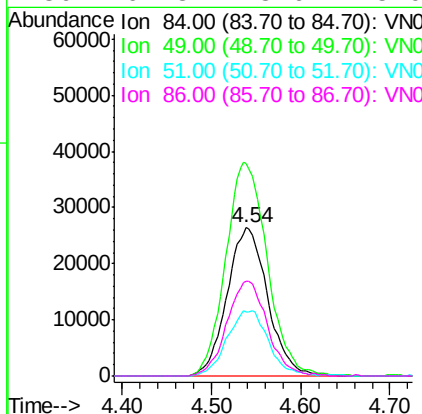
RT: 4.54 min Scan# 860

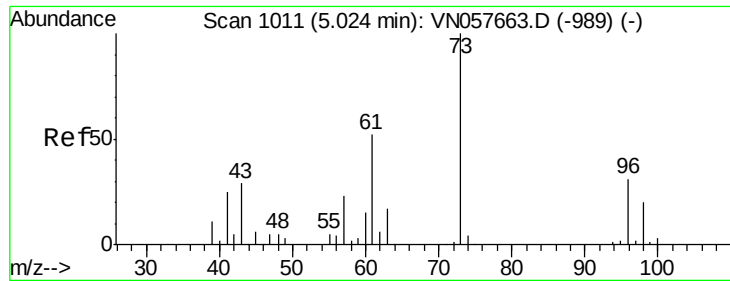
Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion:	84	Resp:	83614
Ion	Ratio	Lower	Upper
84	100		
49	143.9	113.7	170.5
51	42.9	34.5	51.7
86	64.3	48.6	73.0





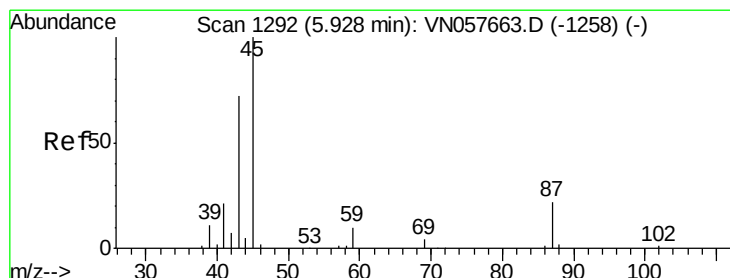
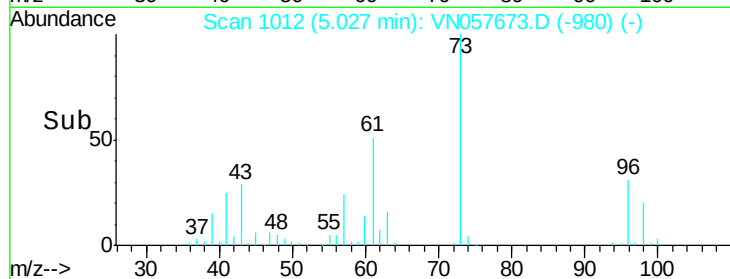
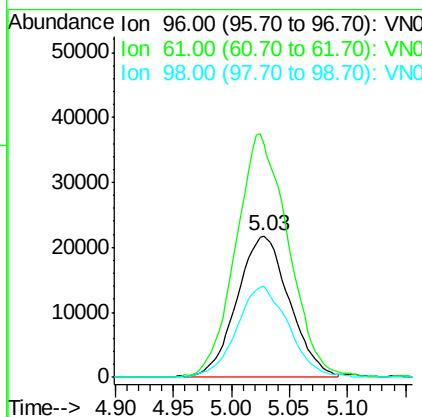
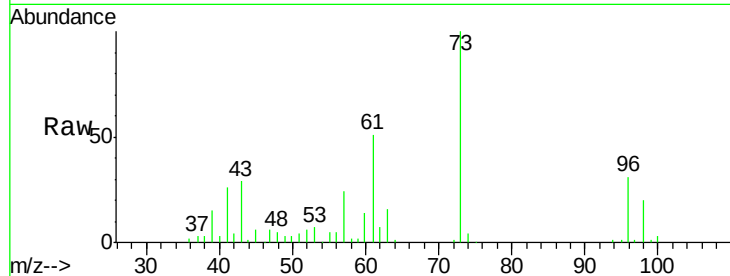
#19
trans-1,2-Dichloroethene
Concen: 19.489 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.5	133.4	200.0
98	64.2	50.4	75.6

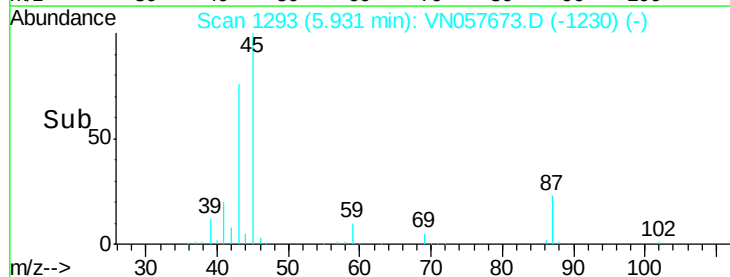
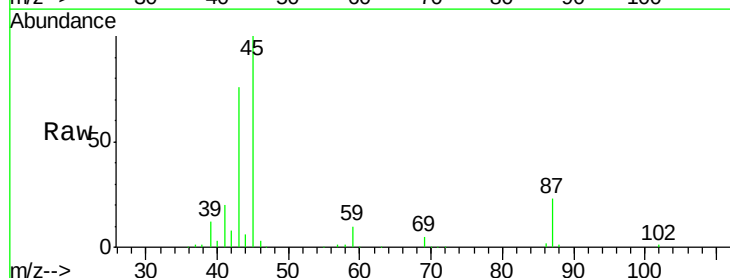
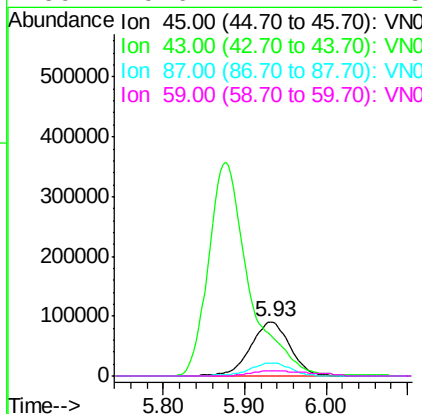
Manual Integrations
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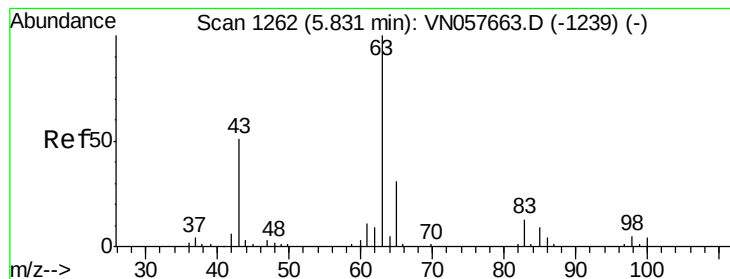
MMDadoda
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#20
Diisopropyl ether
Concen: 19.909 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.9	58.3	87.5
87	22.6	18.5	27.7
59	9.6	7.7	11.5





#21

1,1-Dichloroethane

Concen: 20.122 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

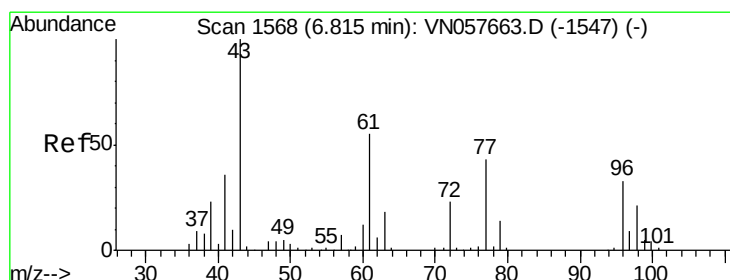
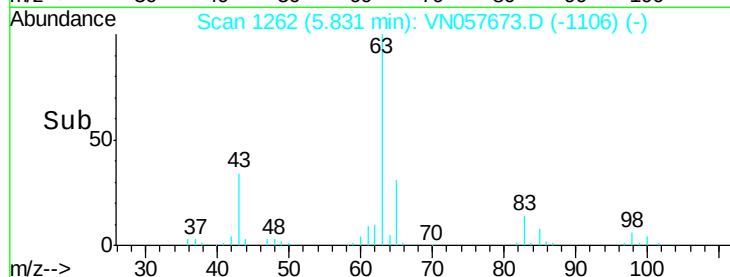
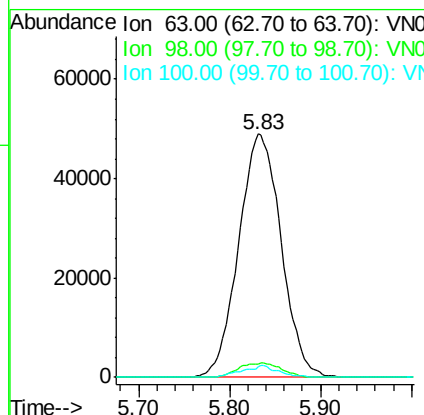
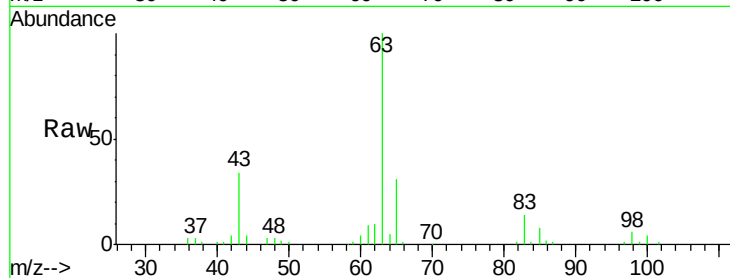
ClientSampleId :

VN0903WBSD01

Tot Ion:	63	Resp:	158677
Ion Ratio	Lower	Upper	
63	100		
98	5.7	2.6	7.8
100	4.2	1.8	5.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.057 ug/l

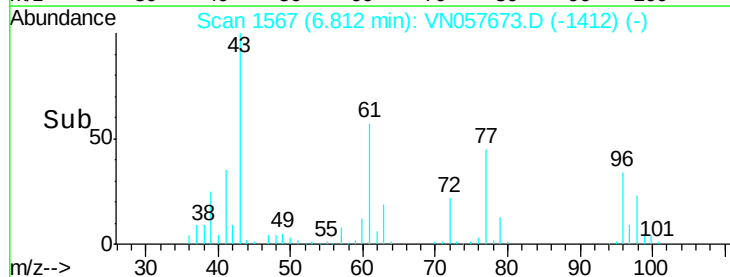
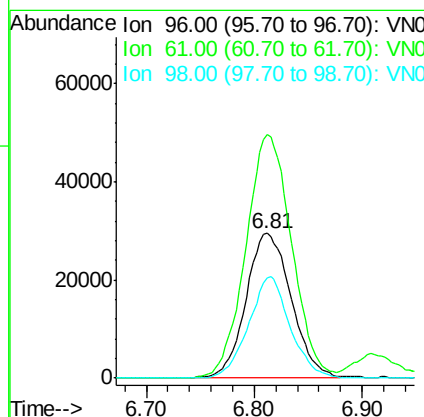
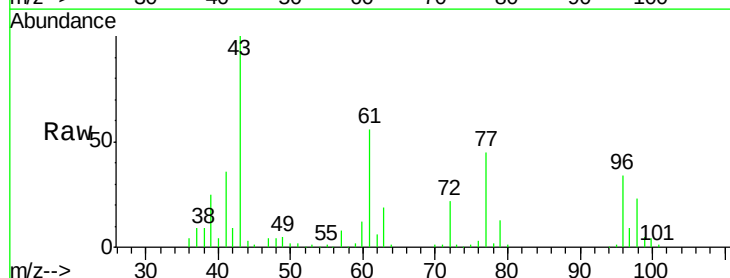
RT: 6.81 min Scan# 1567

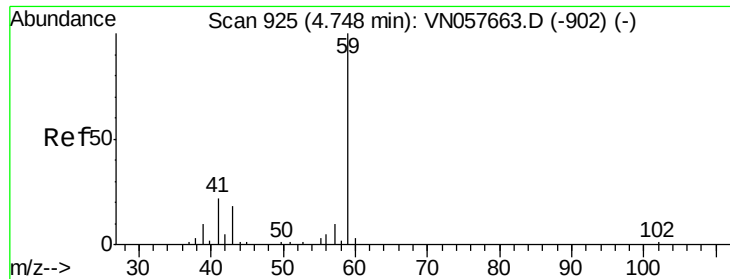
Delta R.T. -0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion:	96	Resp:	86150
Ion Ratio	Lower	Upper	
96	100		
61	169.7	137.2	205.8
98	64.0	50.5	75.7





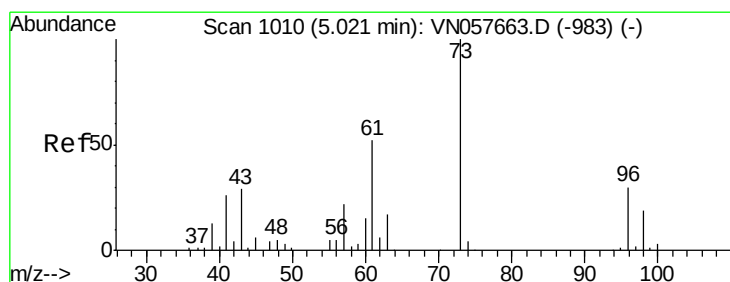
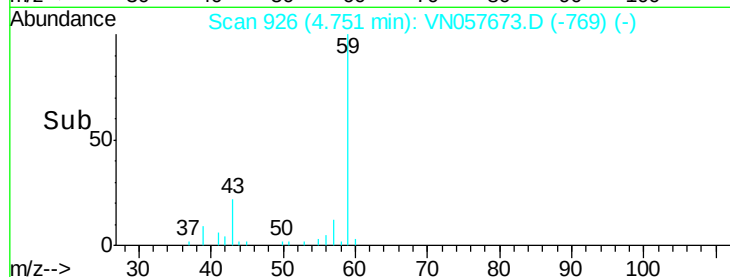
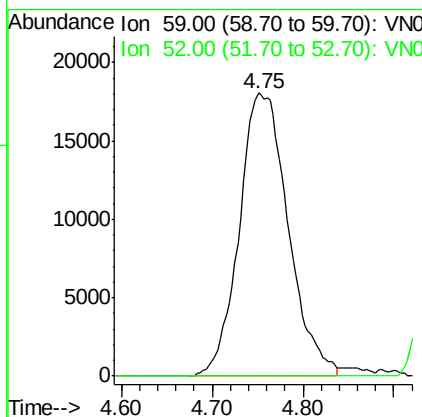
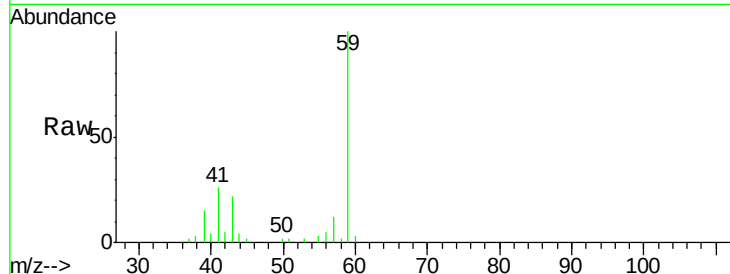
#23
 tert-Butyl Alcohol
 Concen: 102.771 ug/l m
 RT: 4.75 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	67504		
52	52	0.0	0.0	0.0	0.0

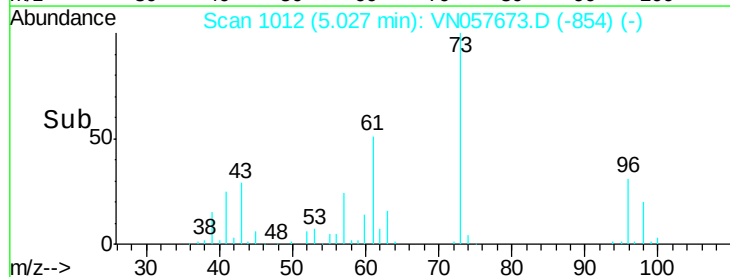
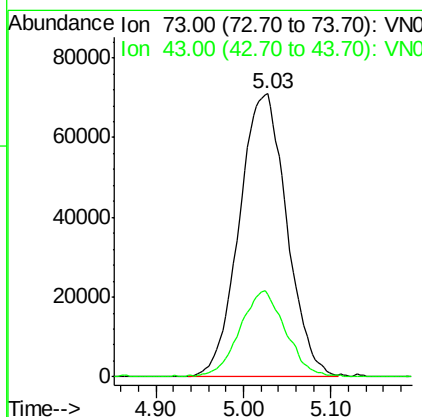
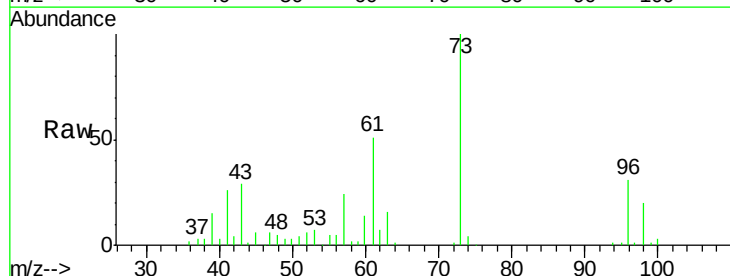
Manual Integrations
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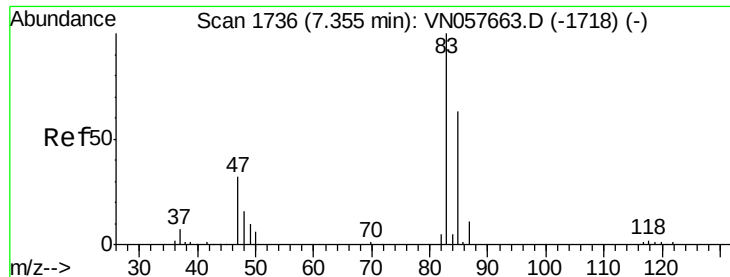
MMDadoda
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#24
 Methyl tert-Butyl Ether
 Concen: 20.216 ug/l
 RT: 5.03 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100	267036		
43	43	28.6	23.2	34.8	





#25

Chloroform

Concen: 19.702 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

Tot Ion: 83 Resp: 161051

Ion Ratio Lower Upper

83 100

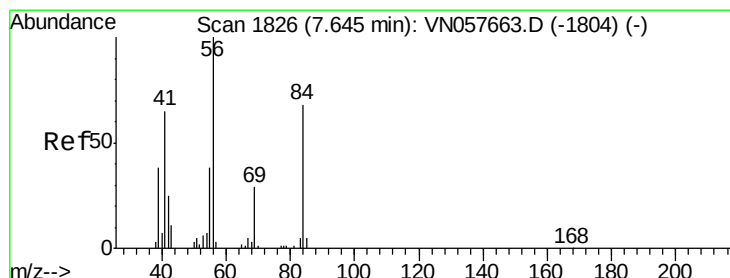
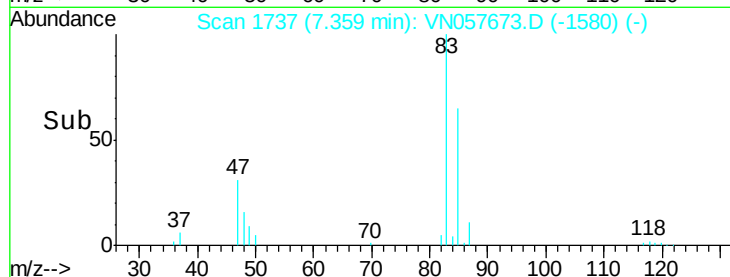
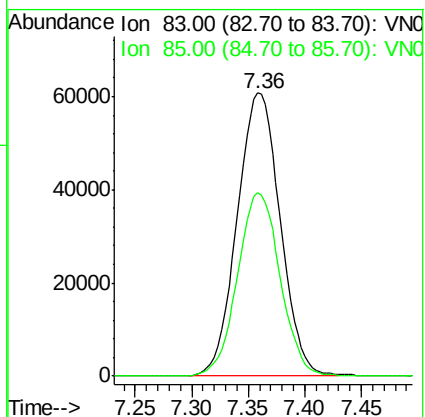
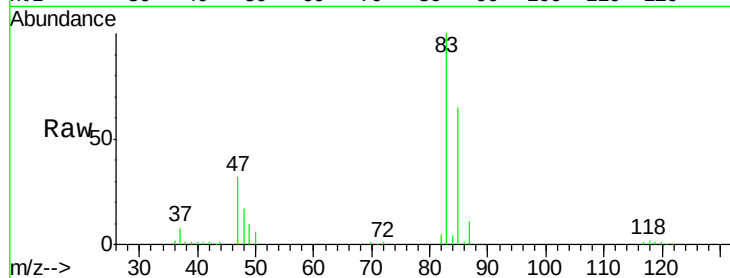
85 65.1 50.8 76.2

Manual Integrations

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#26

Cyclohexane

Concen: 19.743 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

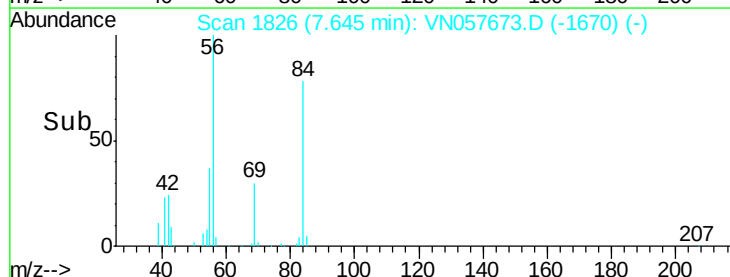
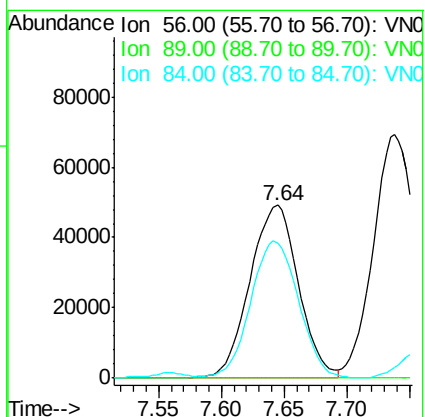
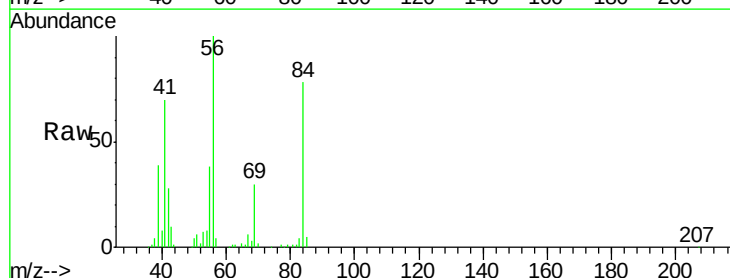
Tgt Ion: 56 Resp: 132573

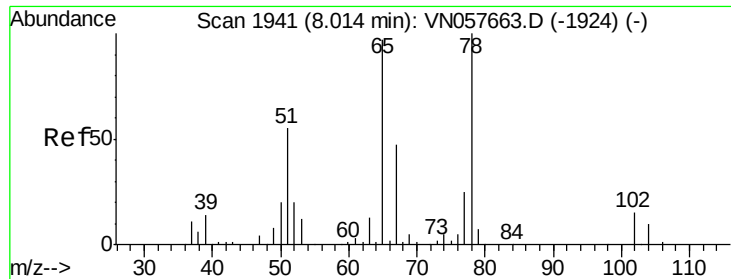
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 78.5 60.4 90.6





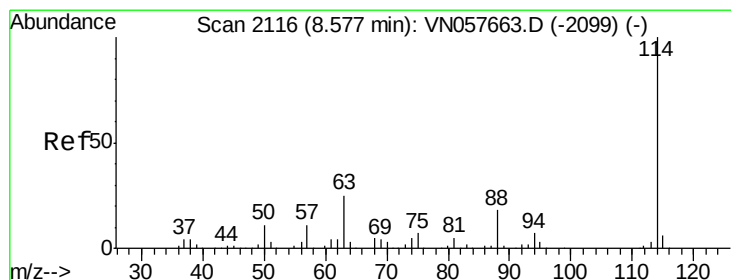
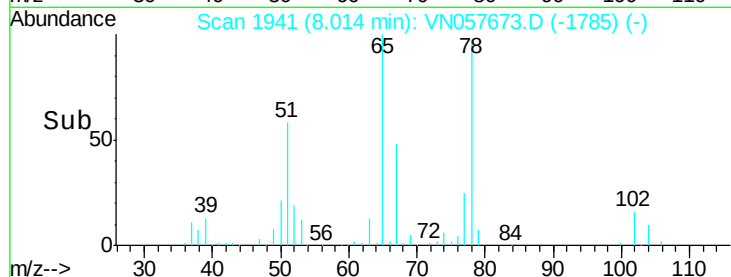
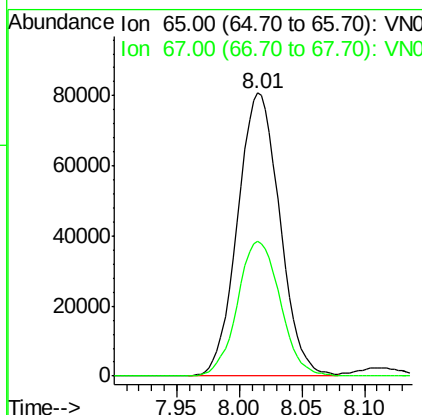
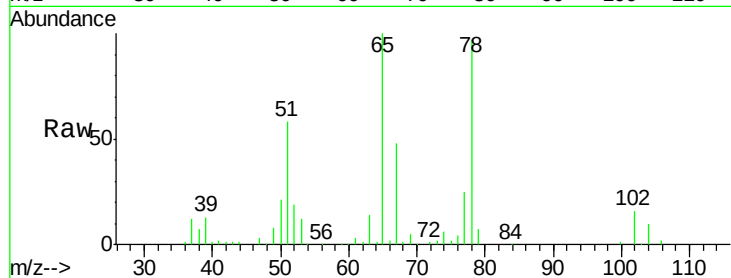
#27
 1,2-Dichloroethane-d4
 Concen: 30.244 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.3	38.6	57.8

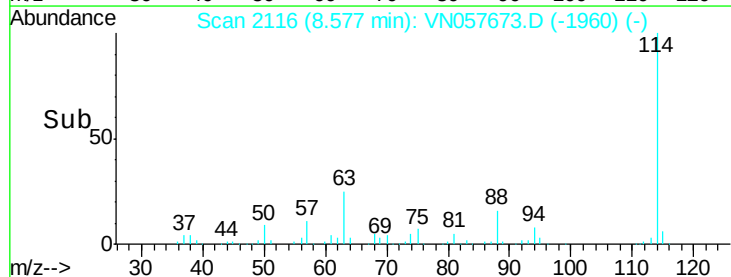
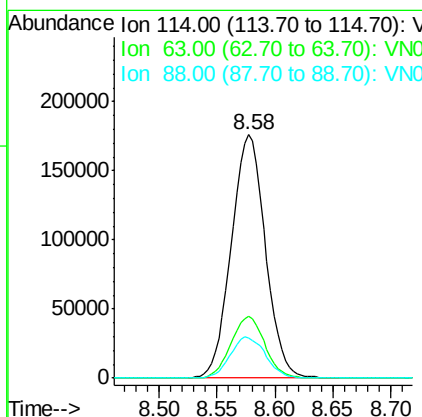
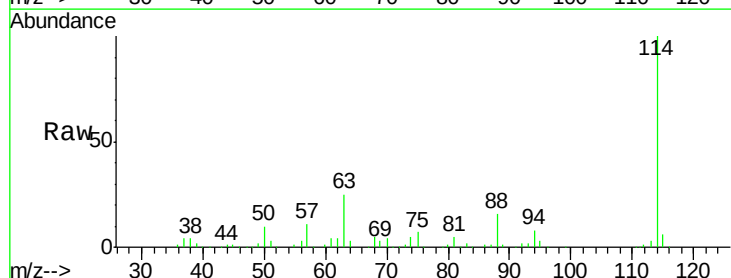
Manual Integrations
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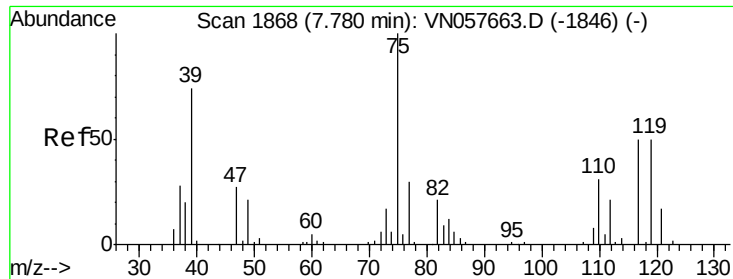
MMDadoda
 9/5/2019 3:21:35 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.6	30.8
88	17.5	14.3	21.5





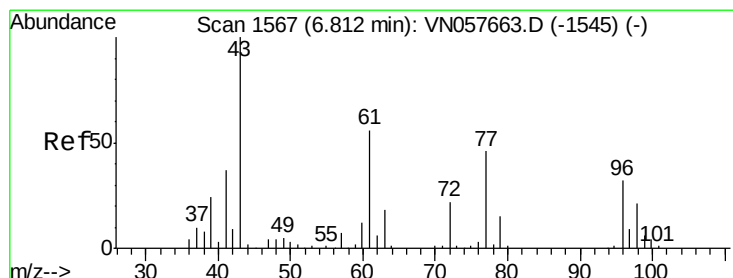
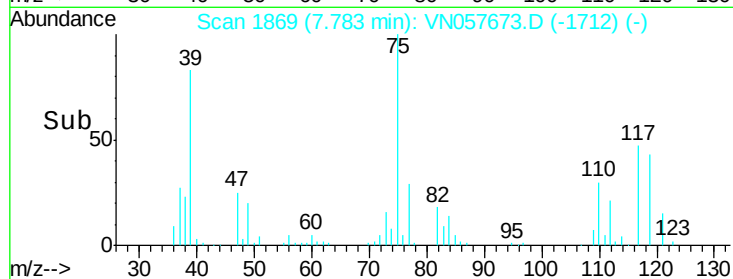
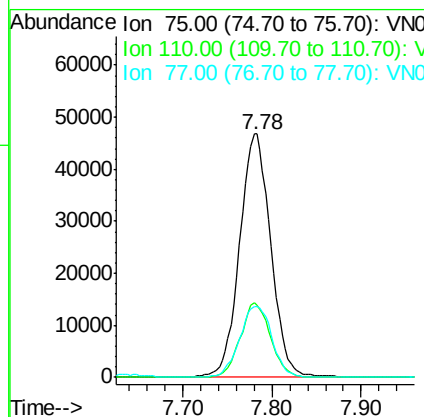
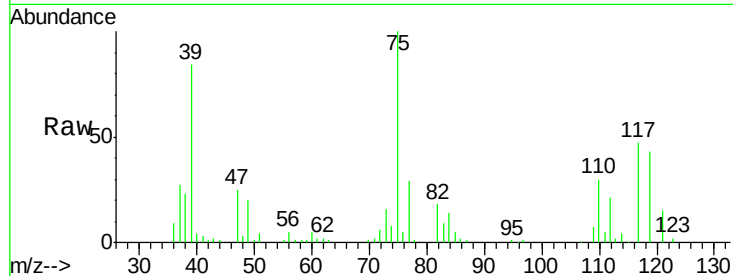
#29
 1,1-Dichloropropene
 Concen: 19.854 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	29.5	0.0	62.8	
77	30.2	0.0	57.8	

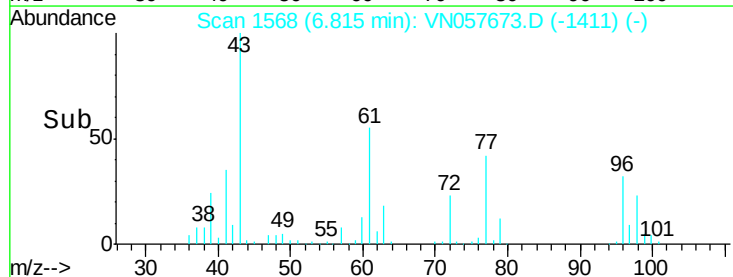
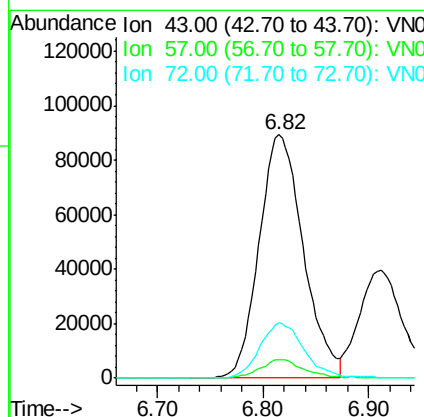
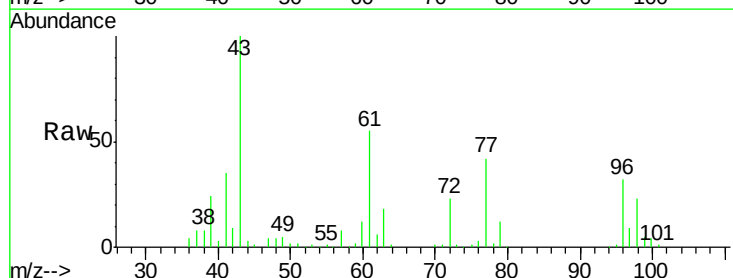
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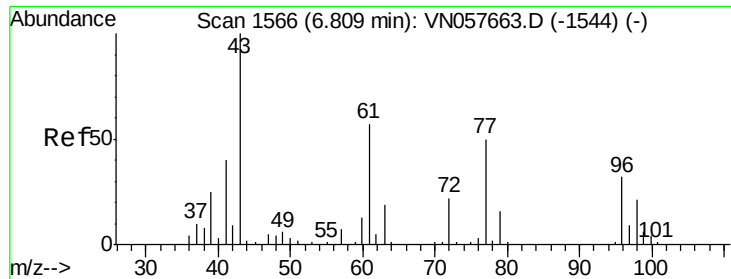
MMDadoda
 9/5/2019 3:21:35 PM



#30
 2-Butanone
 Concen: 96.388 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	7.3	2.6	3.8#	
72	22.2	18.1	27.1	





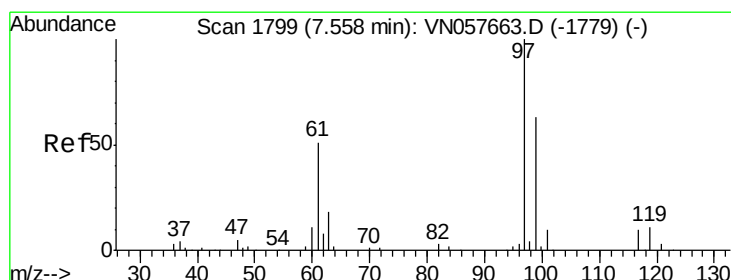
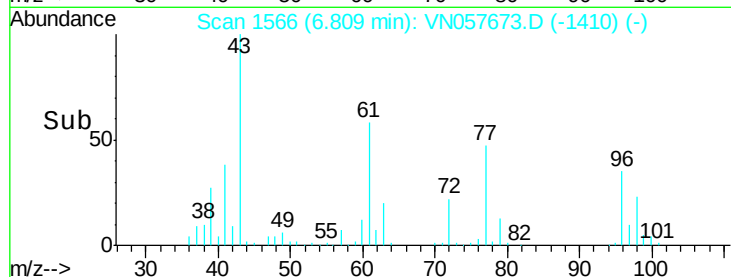
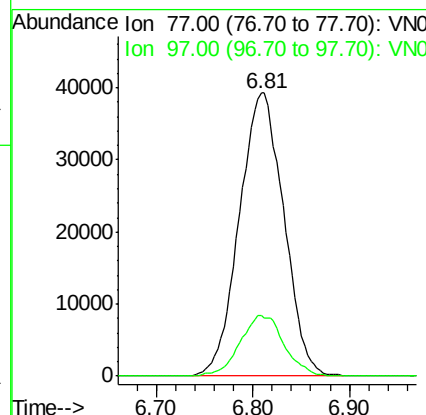
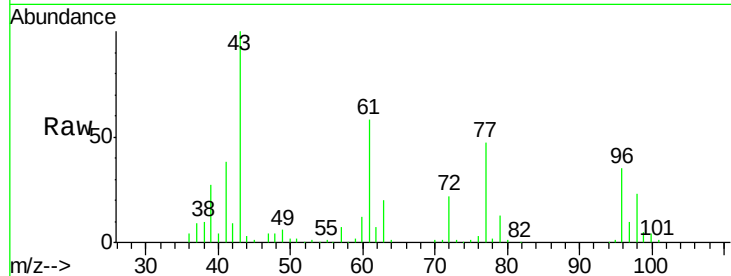
#31
 2,2-Dichloropropane
 Concen: 17.701 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
77	100		
97	12.0	8.8	13.2

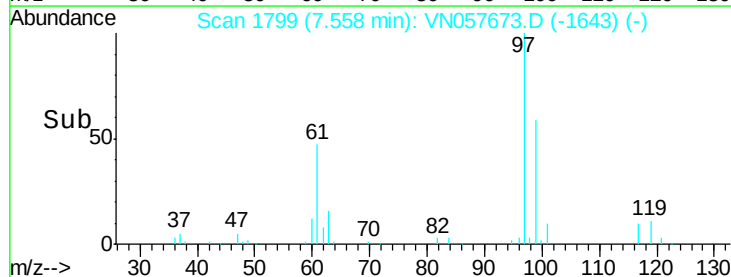
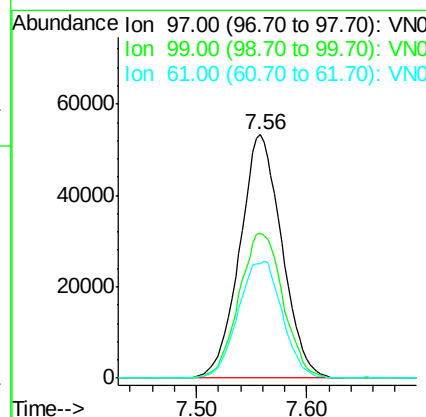
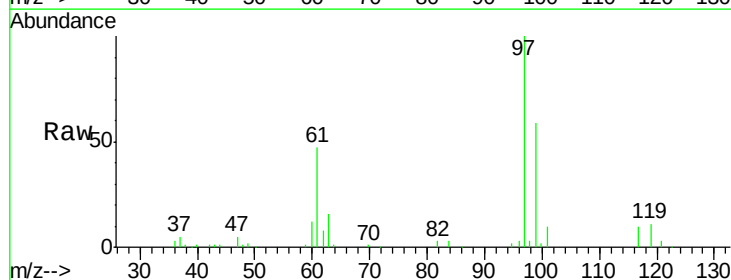
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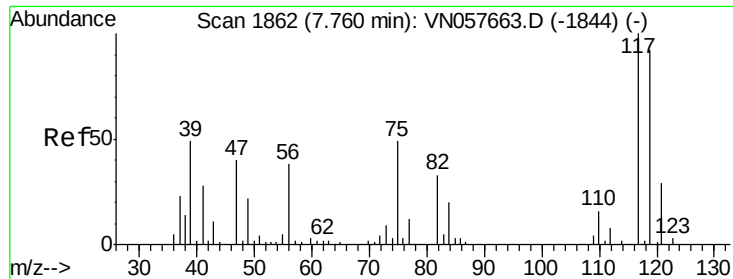
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 9/5/2019 3:21:35 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.832 ug/l
 RT: 7.56 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.9	77.9
61	50.3	41.4	62.0





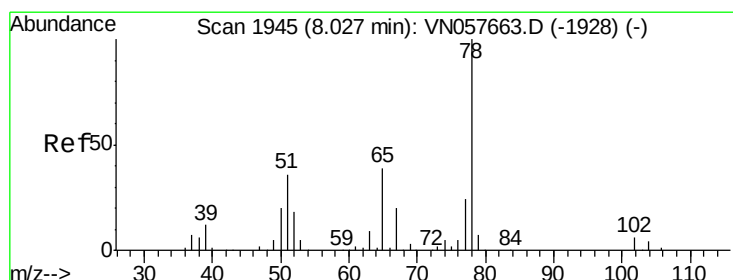
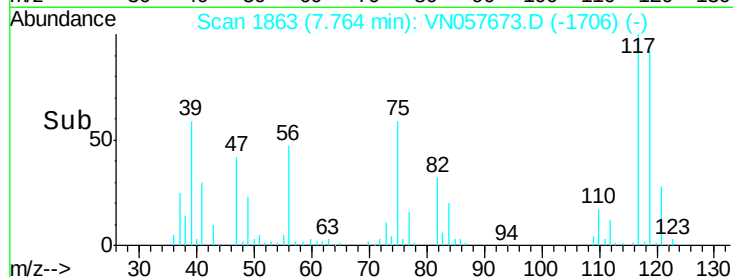
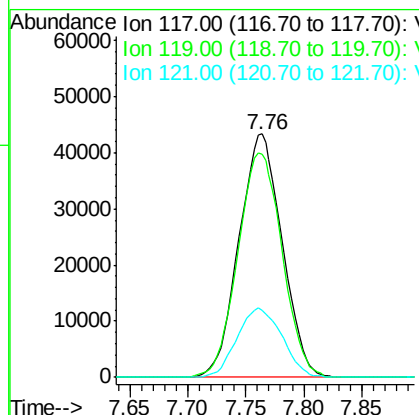
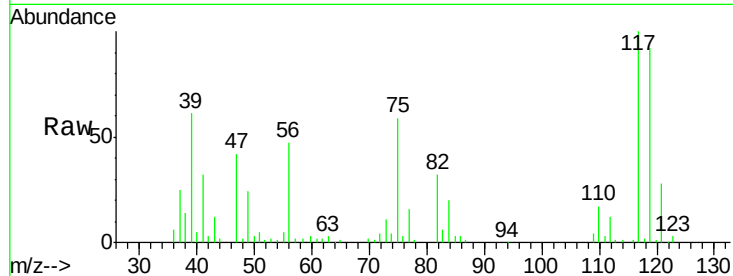
#33
Carbon Tetrachloride
Concen: 19.464 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	112075		
119	91.8	73.3	109.9	
121	27.8	23.3	34.9	

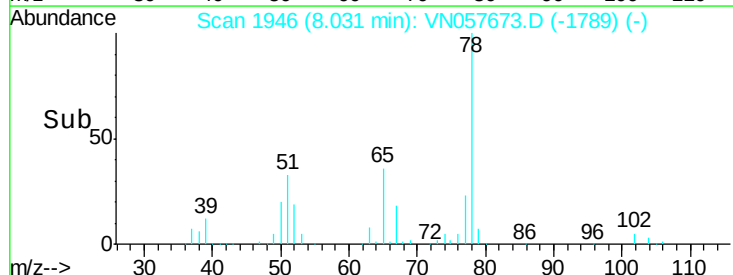
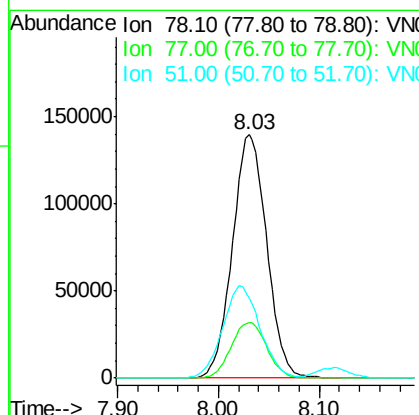
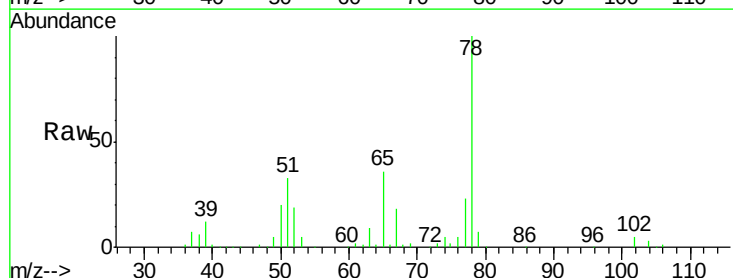
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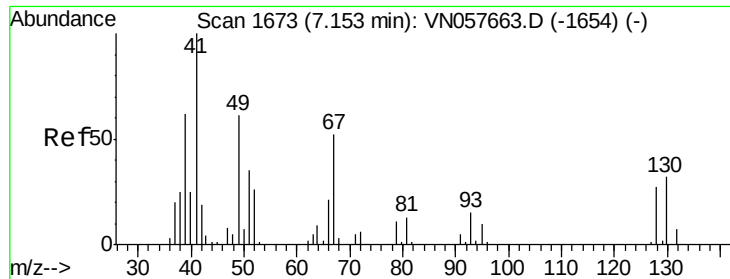
MMDadoda
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#34
Benzene
Concen: 20.055 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	329931		
77	22.9	18.8	28.2	
51	32.4	29.0	43.6	





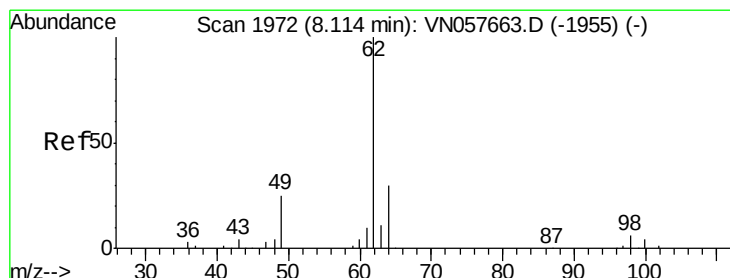
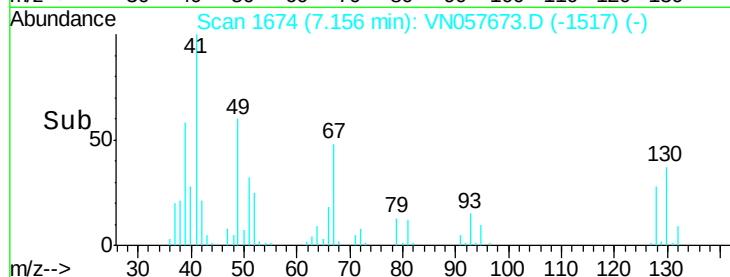
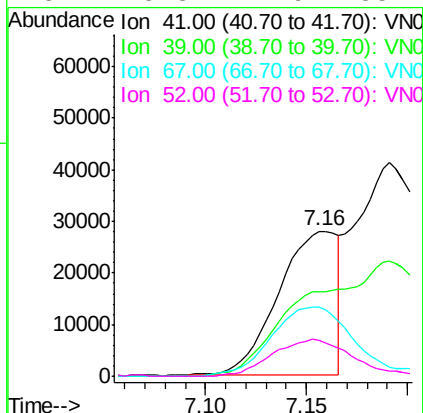
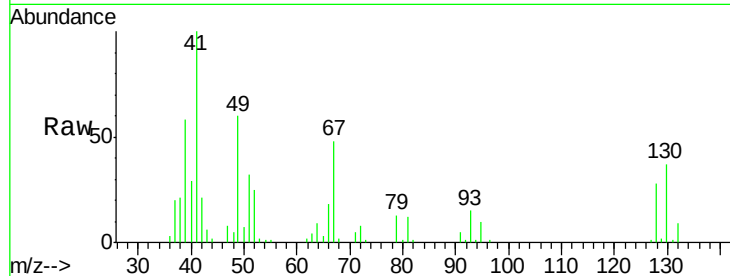
#35
Methacrylonitrile
Concen: 22.823 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	41.00	Resp:	56565
Ion	Ratio	Lower	Upper
41	100		
39	57.7	31.0	93.0
67	48.4	25.9	77.7
52	25.3	12.9	38.7

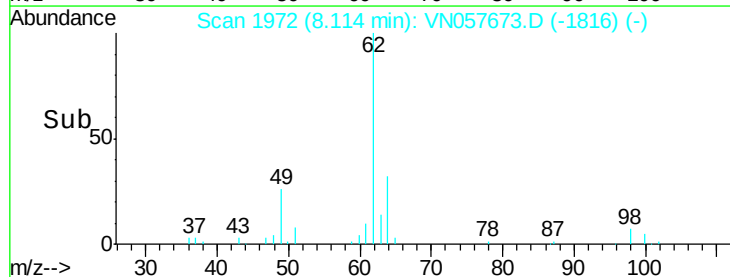
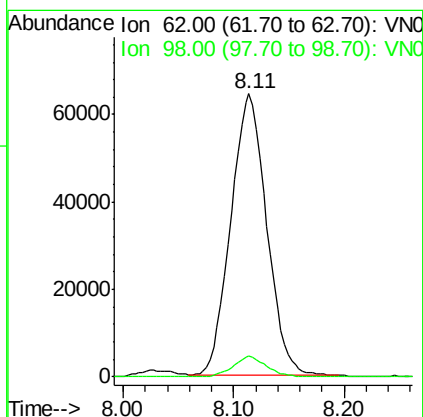
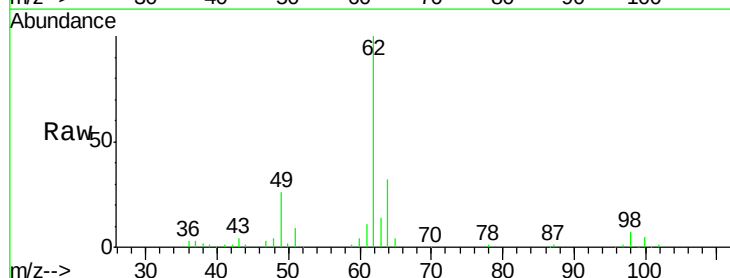
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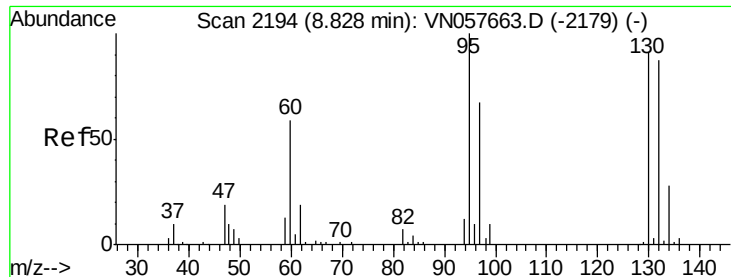
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#36
1,2-Dichloroethane
Concen: 19.775 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	62.00	Resp:	144978
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	0.0#





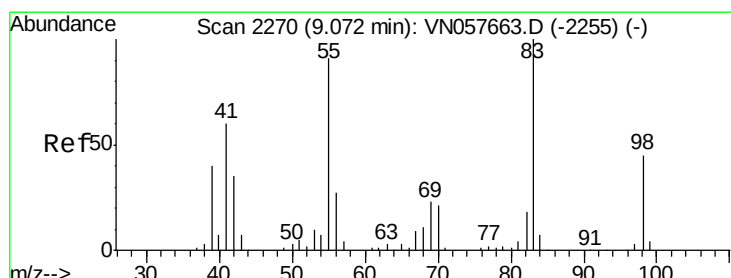
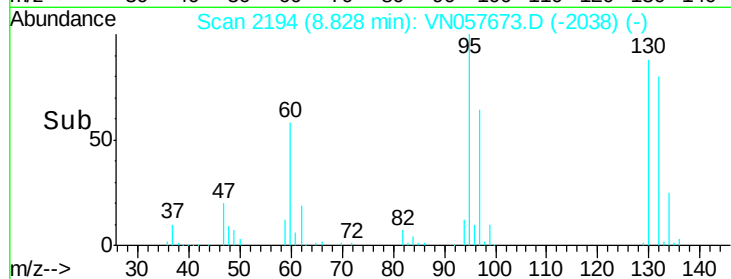
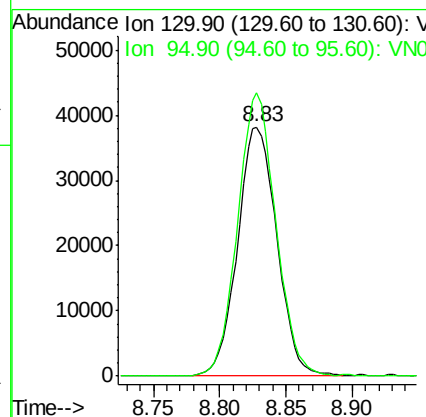
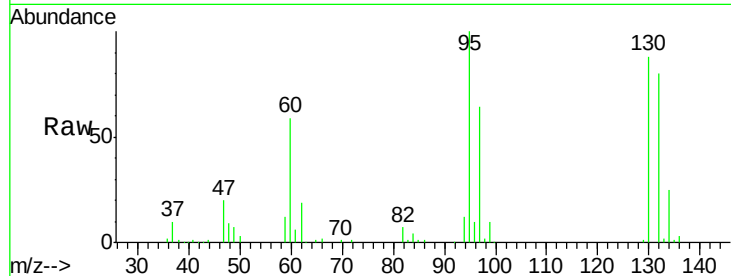
#37
 Trichloroethene
 Concen: 20.170 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0903WBSD01

Tot Ion:130 Resp: 78793
 Ion Ratio Lower Upper
 130 100
 95 113.5 87.5 131.3

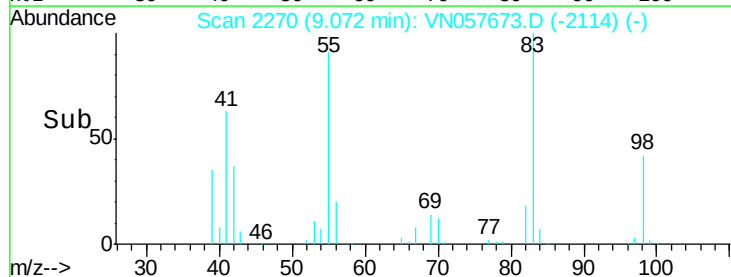
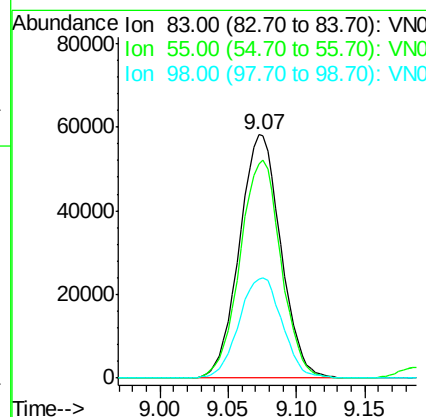
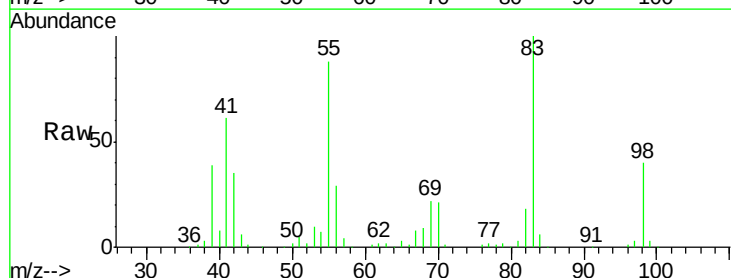
Manual Integrations
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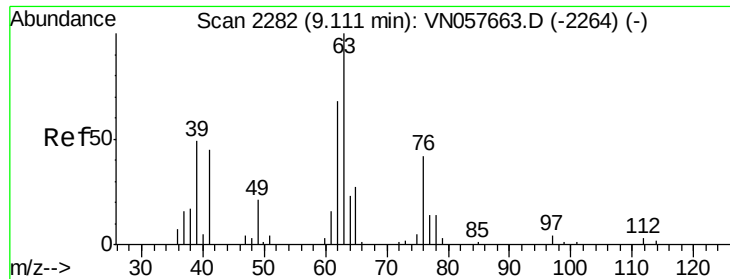
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#38
 Methylcyclohexane
 Concen: 19.271 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 83 Resp: 122471
 Ion Ratio Lower Upper
 83 100
 55 88.8 45.1 135.3
 98 42.8 22.5 67.5





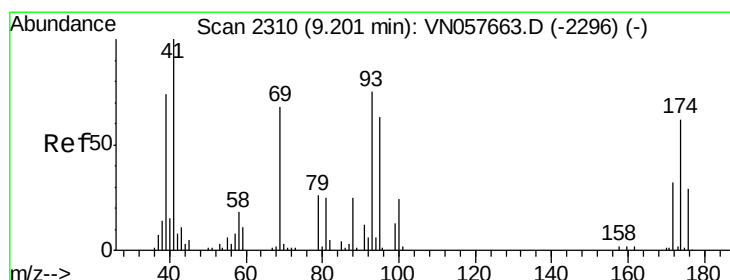
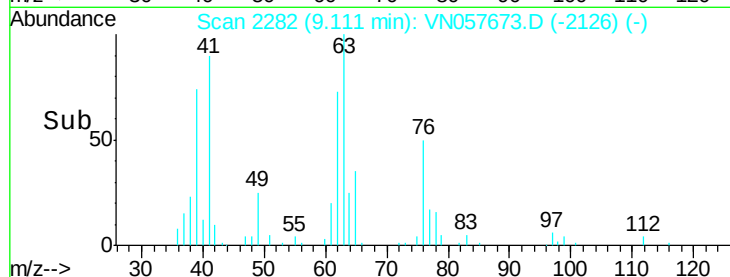
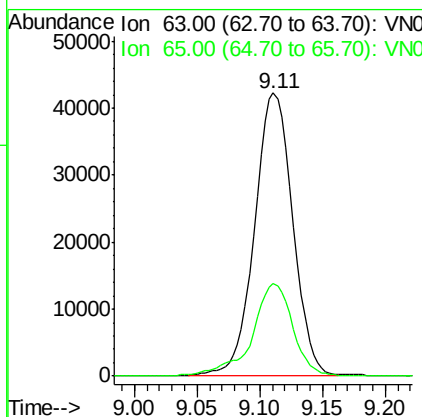
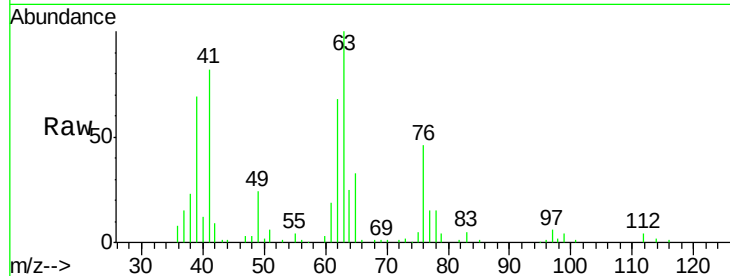
#39
 1,2-Dichloropropane
 Concen: 19.959 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion: 63 Resp: 89789
 Ion Ratio Lower Upper
 63 100
 65 32.6 22.2 33.2

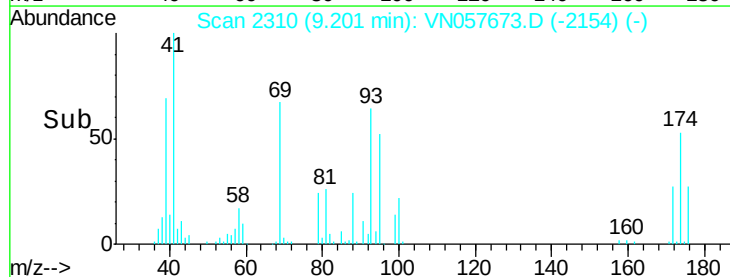
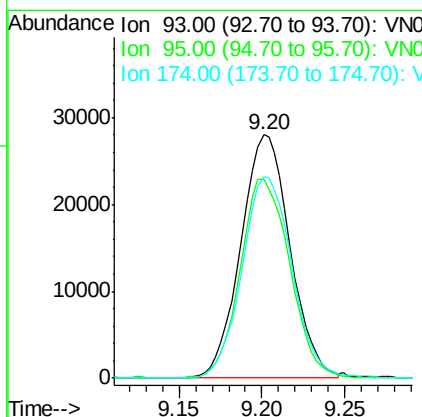
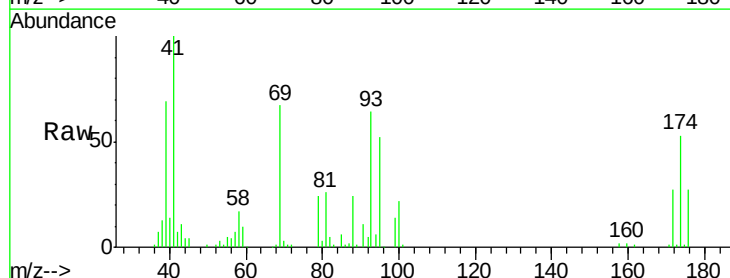
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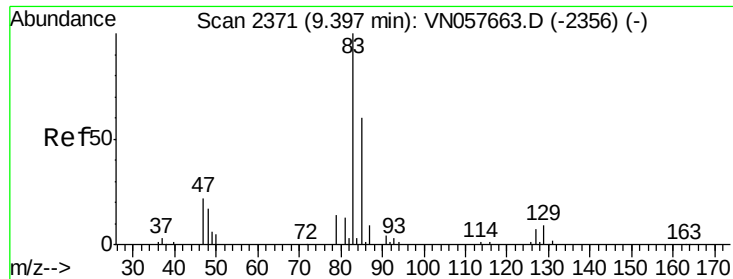
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#40
 Dibromomethane
 Concen: 19.890 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion: 93 Resp: 58003
 Ion Ratio Lower Upper
 93 100
 95 82.4 0.0 168.2
 174 84.2 0.0 169.2





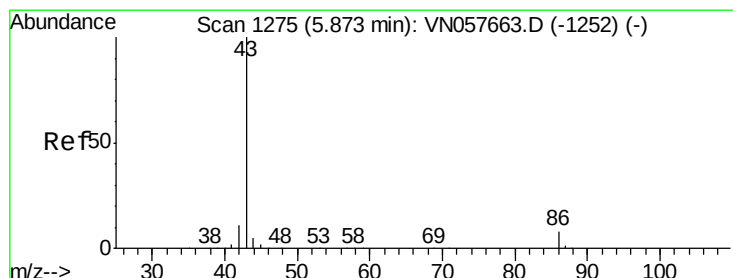
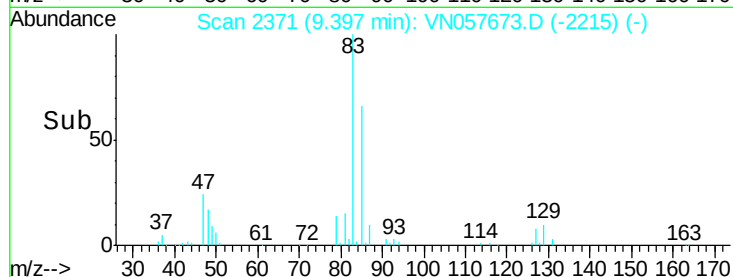
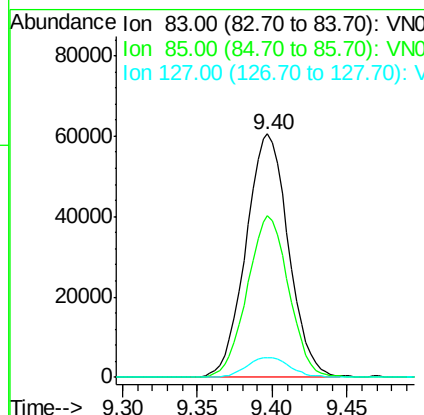
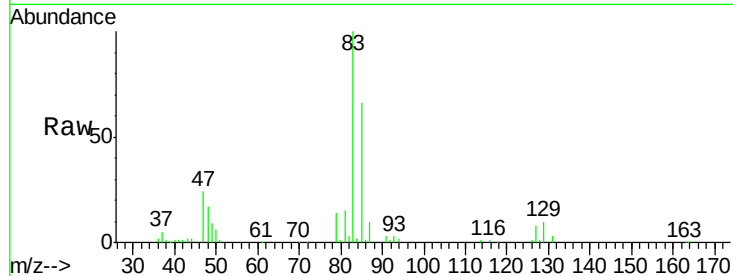
#41
 Bromodichloromethane
 Concen: 19.016 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion	83	Resp	119858
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	48.2	72.4
127	7.8	5.3	7.9

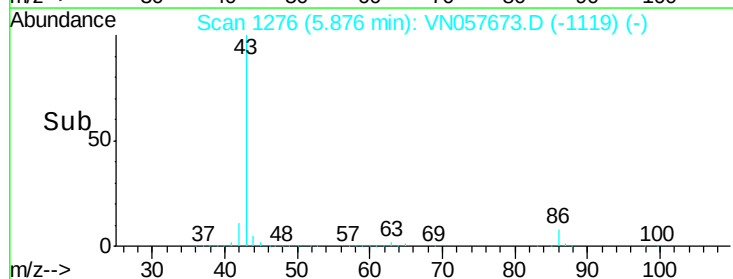
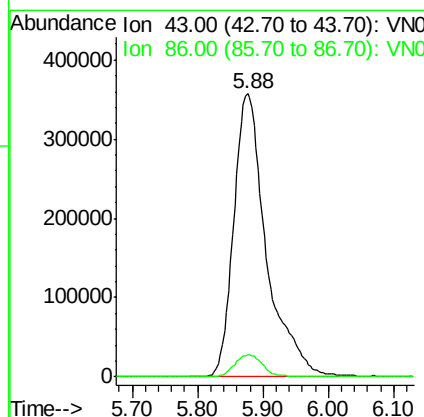
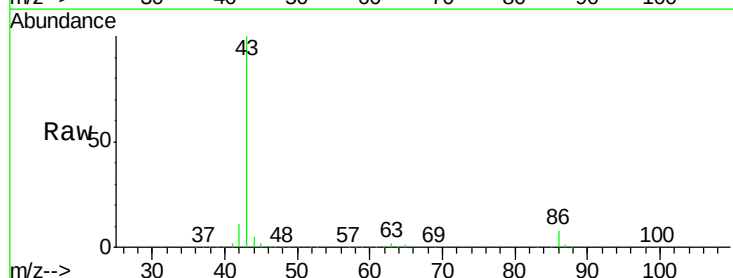
Manual Integrations
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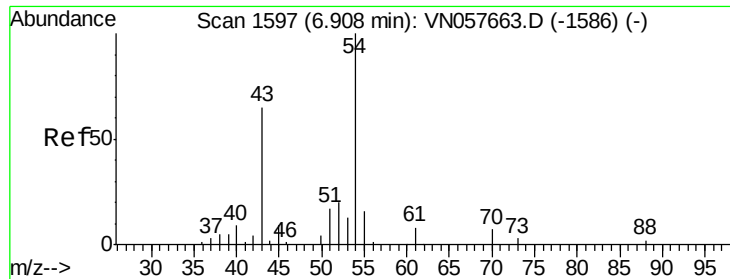
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 9/5/2019 3:21:35 PM



#42
 Vinyl Acetate
 Concen: 104.160 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	43	Resp	1238599
Ion Ratio	100	Lower	Upper
43	100		
86	6.8	5.4	8.2





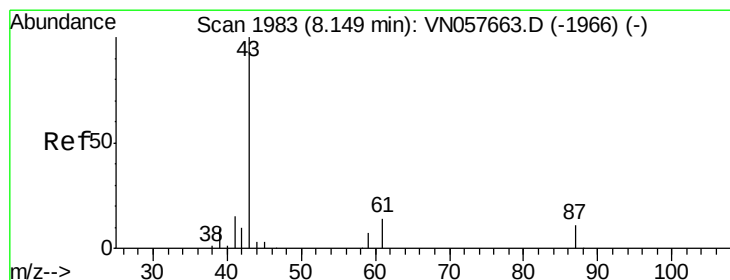
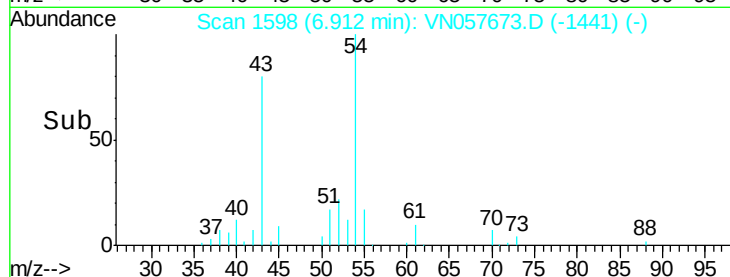
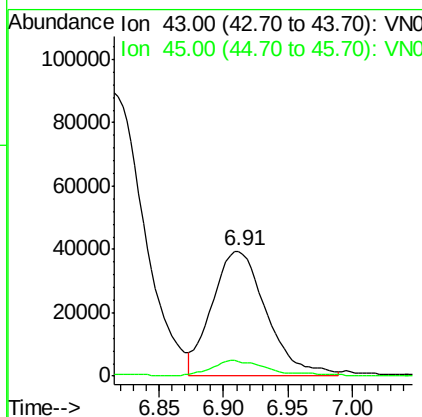
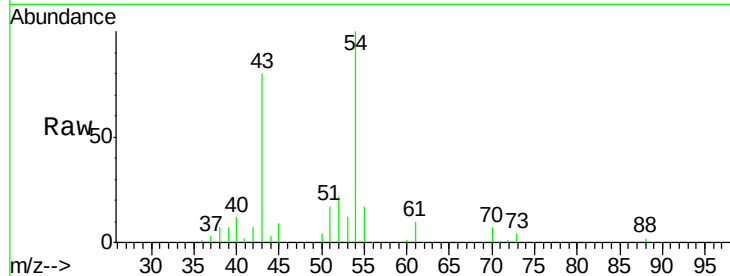
#43
Ethyl Acetate
Concen: 20.538 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Tot Ion: 43 Resp: 114420
Ion Ratio Lower Upper
43 100
45 11.7 5.0 7.6#

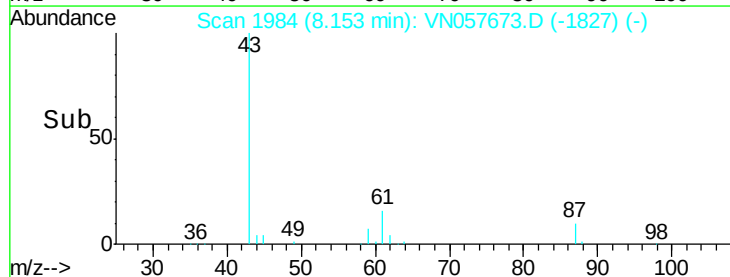
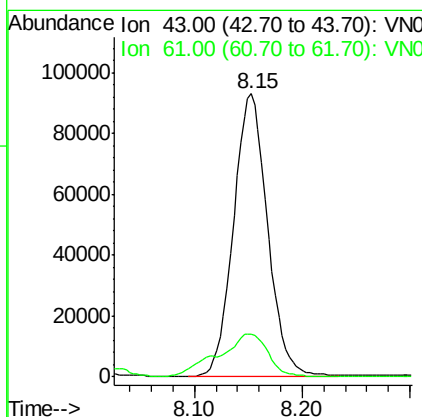
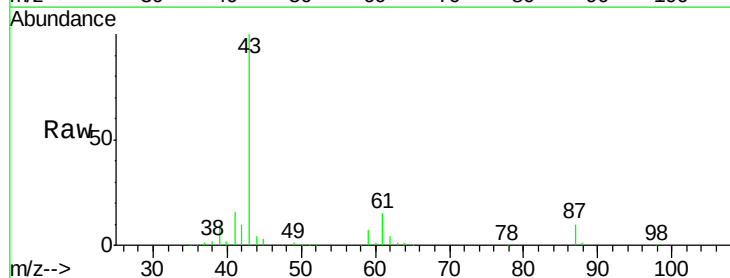
Manual Integrations
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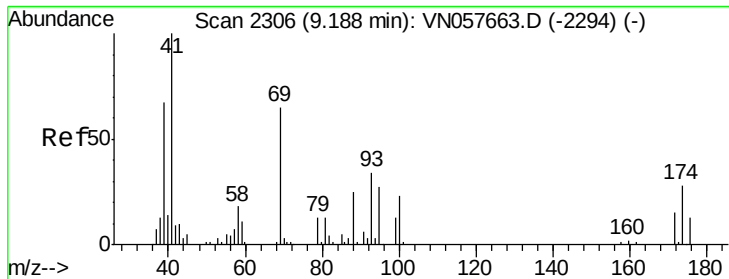
MMDadoda
9/5/2019 3:21:35 PM



#44
Isopropyl Acetate
Concen: 19.609 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 43 Resp: 204238
Ion Ratio Lower Upper
43 100
61 16.7 12.6 18.8





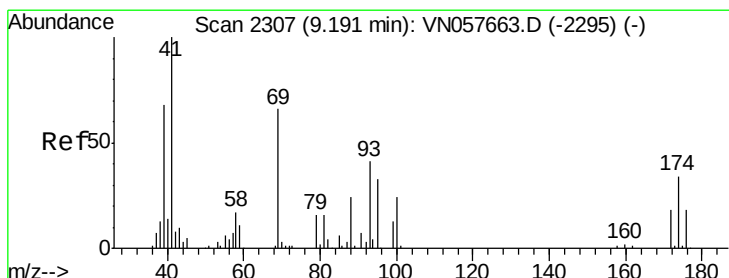
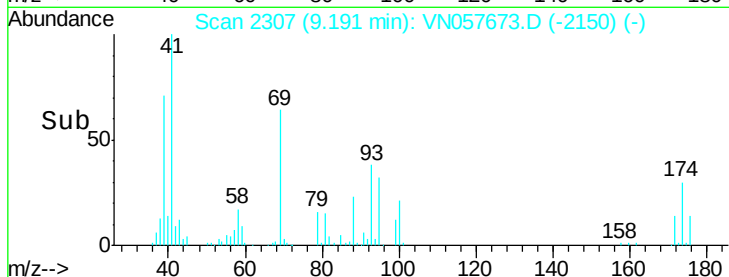
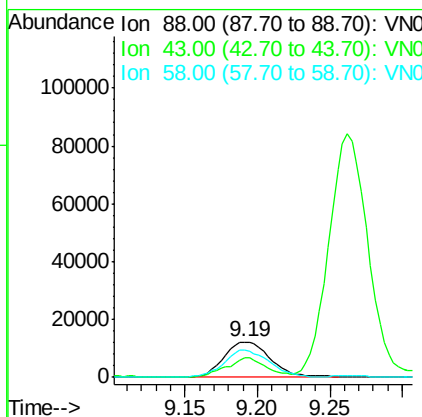
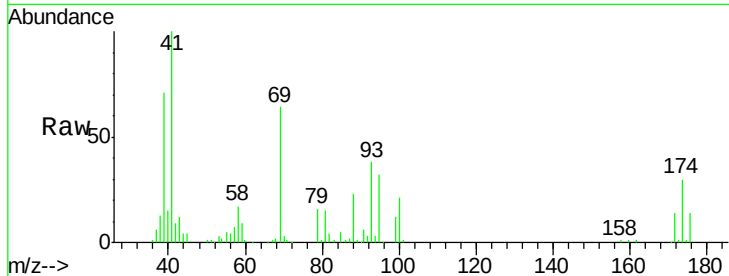
#45
 1,4-Dioxane
 Concen: 413.306 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion	88	Resp	27634
Ion Ratio	100	Lower	Upper
88	100		
43	47.7	31.0	46.4#
58	74.9	58.2	87.2

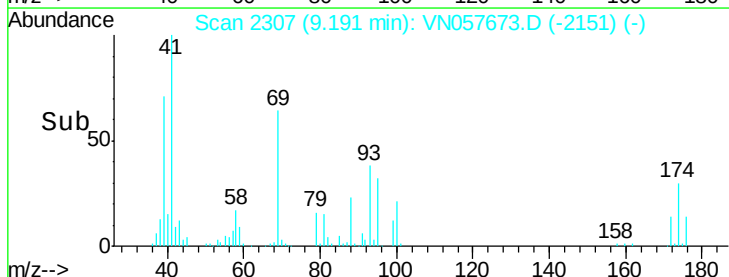
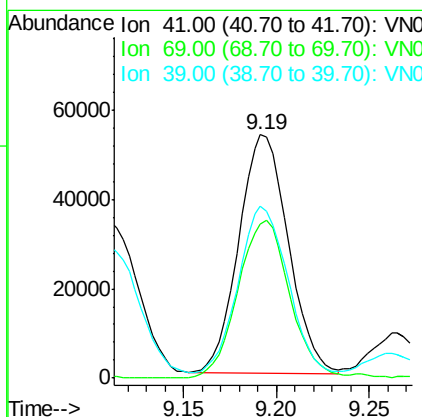
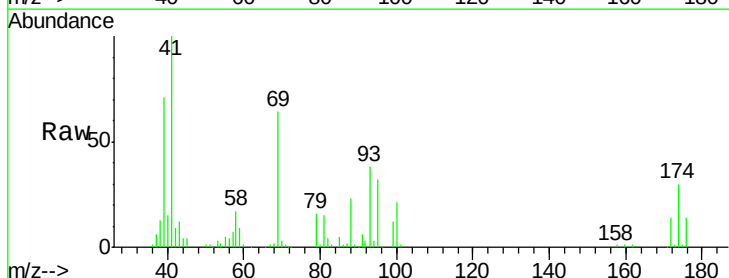
Manual Integrations
 APPROVED

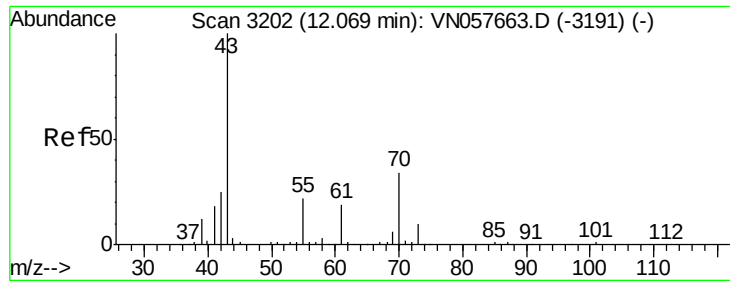
MMDadoda
 9/5/2019 3:21:35 PM



#46
 Methyl methacrylate
 Concen: 19.542 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	41	Resp	98765
Ion Ratio	100	Lower	Upper
41	100		
69	65.1	33.1	99.2
39	70.3	34.0	102.0





#47

n-amyl Acetate

Concen: 18.102 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

VN0903WBSD01

Tot Ion: 43 Resp: 146216

Ion Ratio Lower Upper

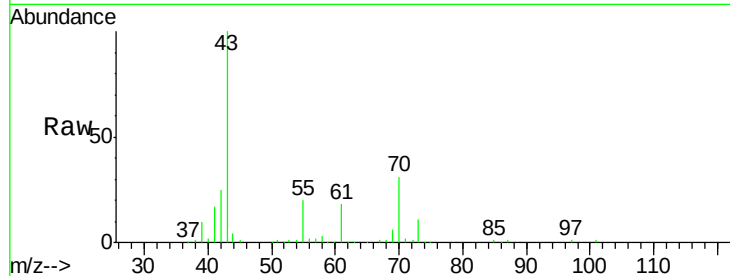
43 100

55 21.3 17.5 26.3

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

100000

80000

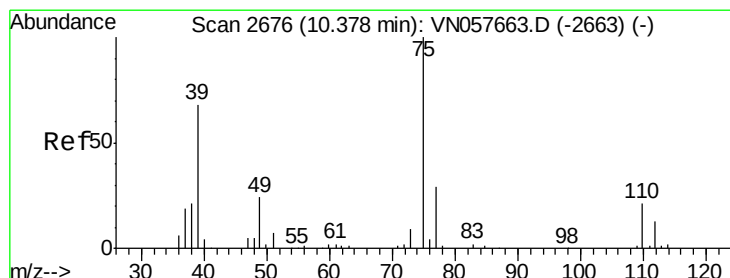
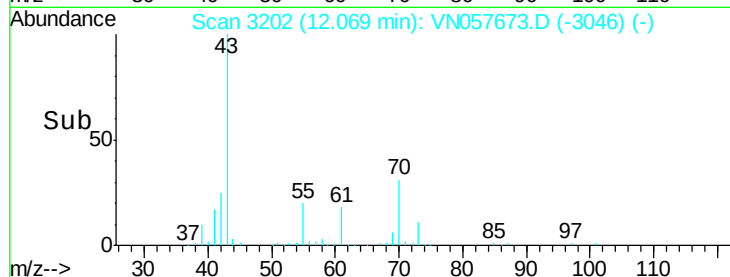
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.231 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057673.D

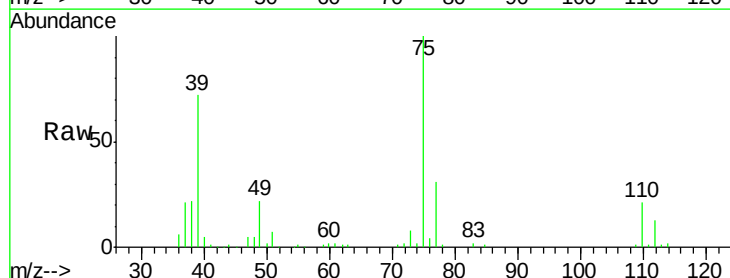
Acq: 3 Sep 2019 19:42

Tgt Ion: 75 Resp: 120535

Ion Ratio Lower Upper

75 100

77 31.1 23.1 34.7



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

80000

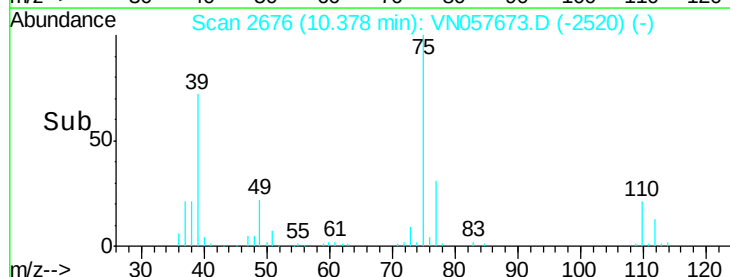
60000

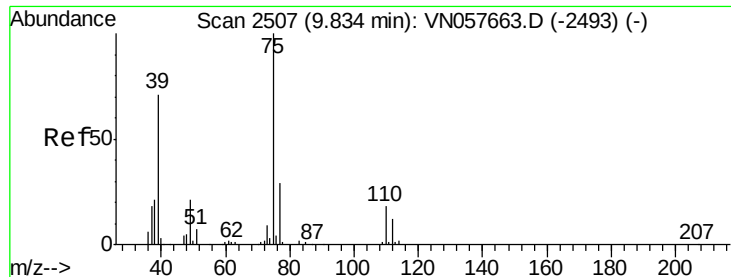
40000

20000

0

Time-->





#49

cis-1,3-Dichloropropene

Concen: 18.971 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

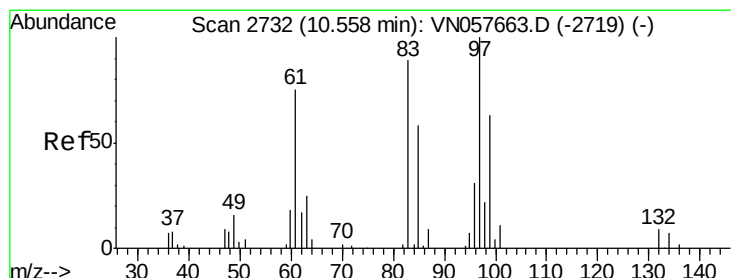
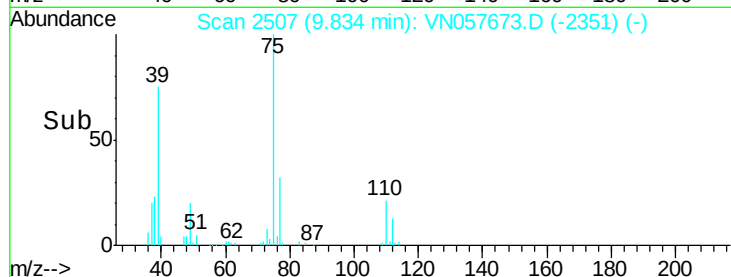
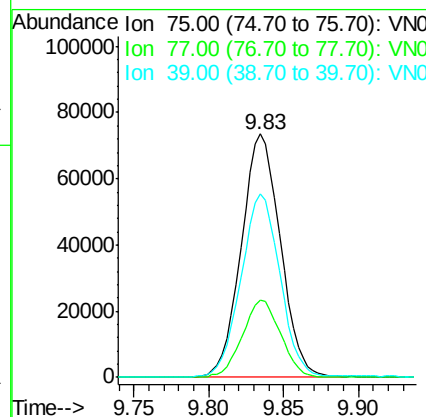
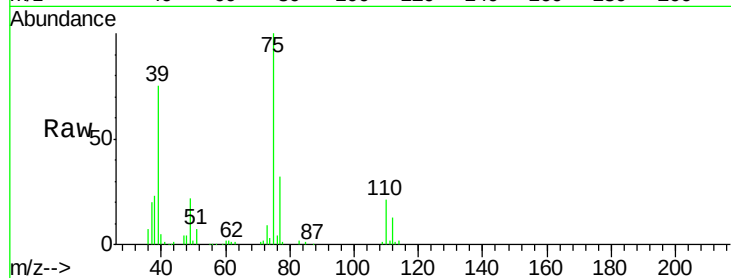
ClientSampled :

VN0903WBSD01

Tot Ion:	75	Resp:	133818
Ion Ratio	Lower	Upper	
75	100		
77	32.0	23.4	35.2
39	75.1	56.6	85.0

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 20.023 ug/l

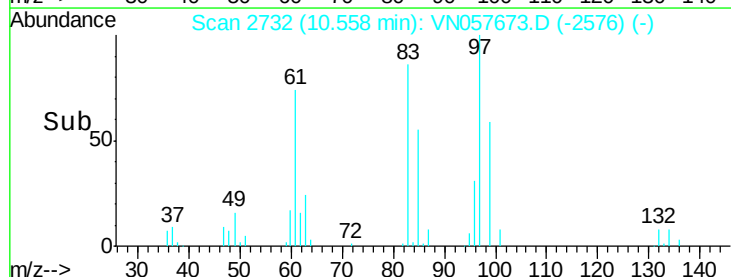
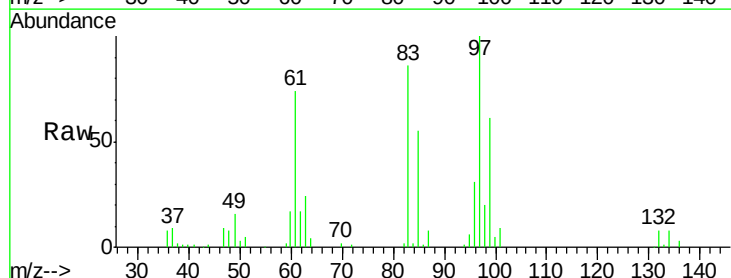
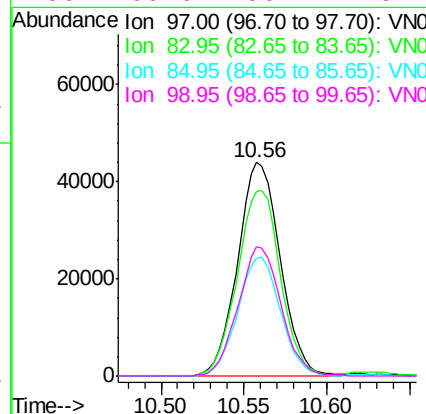
RT: 10.56 min Scan# 2732

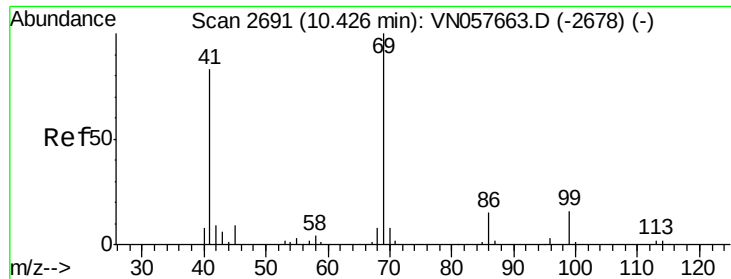
Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion:	97	Resp:	78752
Ion Ratio	Lower	Upper	
97	100		
83	86.2	71.4	107.2
85	55.4	46.0	69.0
99	60.6	50.2	75.2





#51

Ethyl methacrylate

Concen: 18.827 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

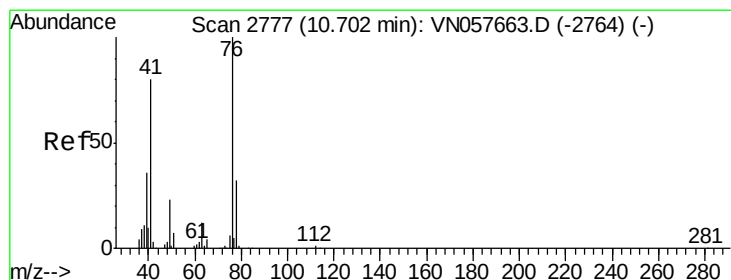
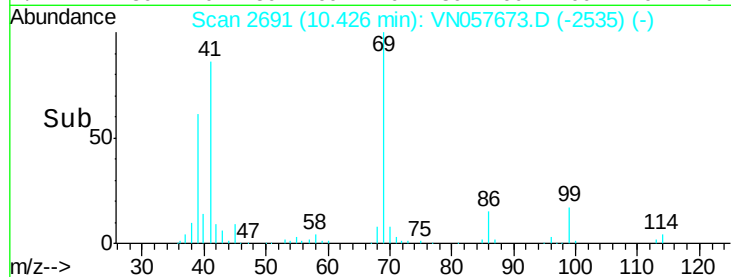
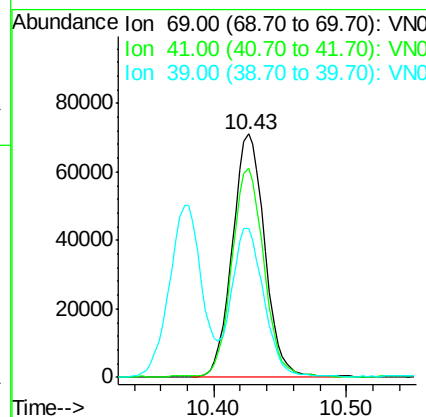
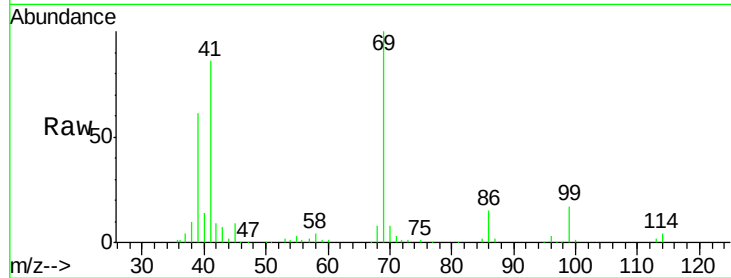
ClientSampleId :

VN0903WBSD01

Tot Ion:	69	Resp:	120709
Ion Ratio	Lower	Upper	
69	100		
41	85.7	41.5	124.5
39	61.0	29.6	88.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.796 ug/l

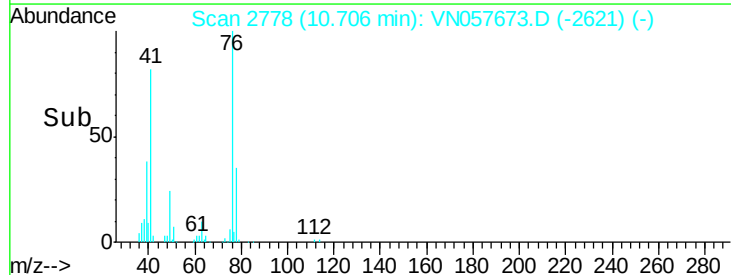
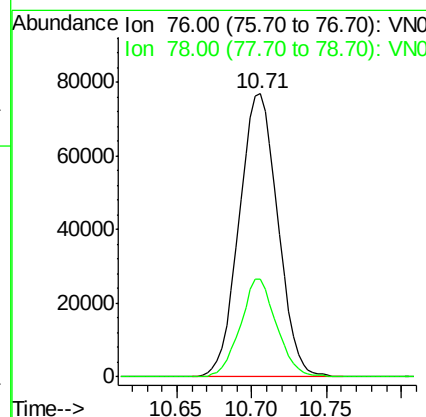
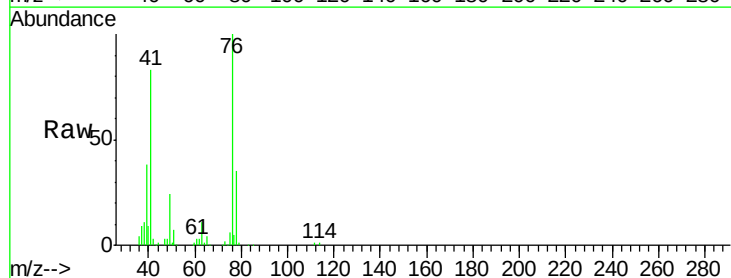
RT: 10.71 min Scan# 2778

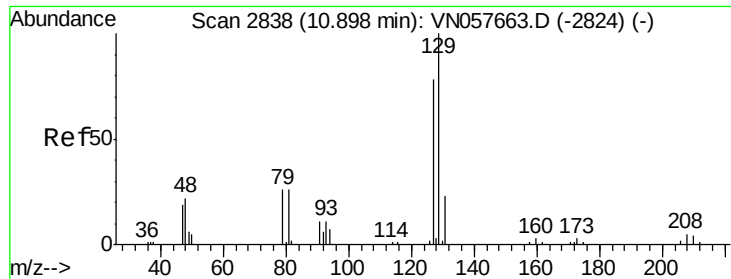
Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion:	76	Resp:	138582
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	63.8





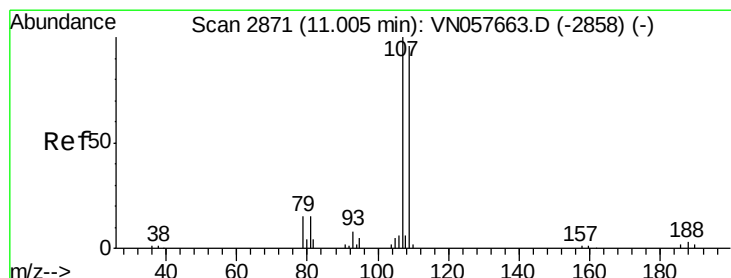
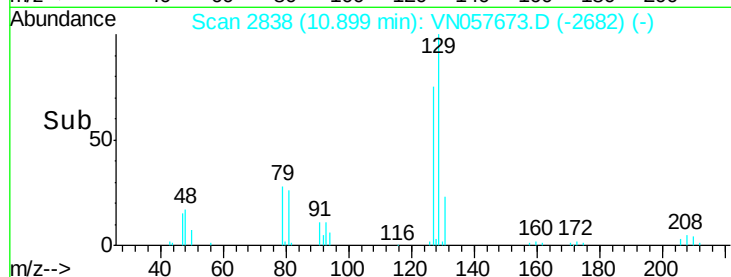
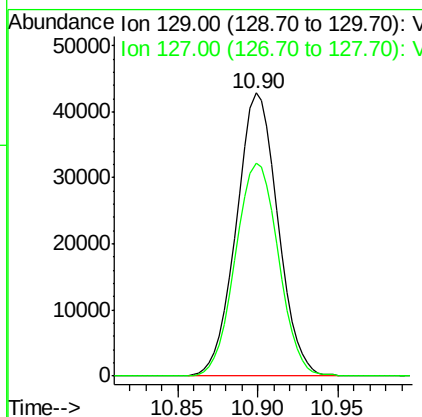
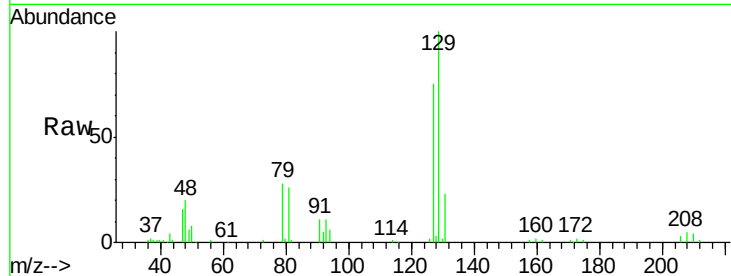
#53
 Dibromochloromethane
 Concen: 18.503 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		75954		
127	78.0	39.1	117.3		

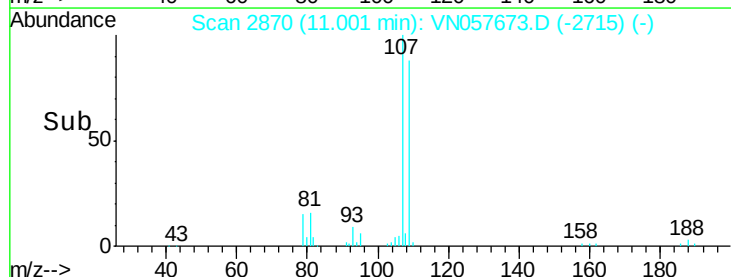
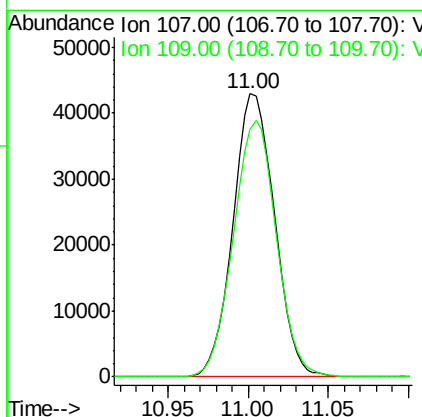
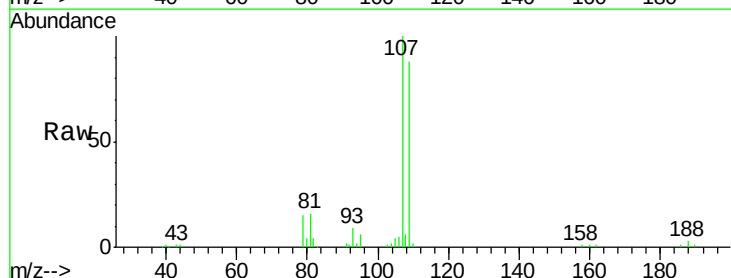
Manual Integrations
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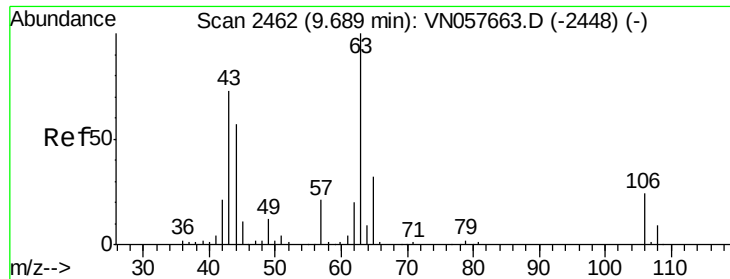
MMDadoda
 9/5/2019 3:21:35 PM



#54
 1,2-Dibromoethane
 Concen: 19.398 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		76264		
109	93.4	76.2	114.4		





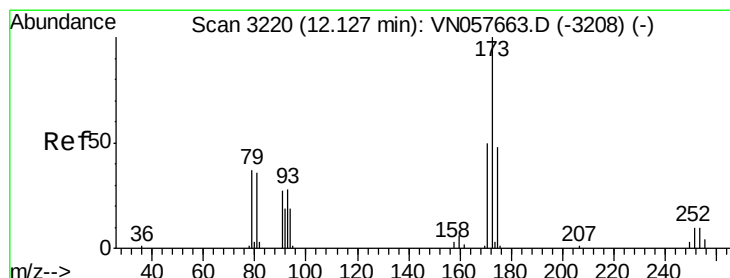
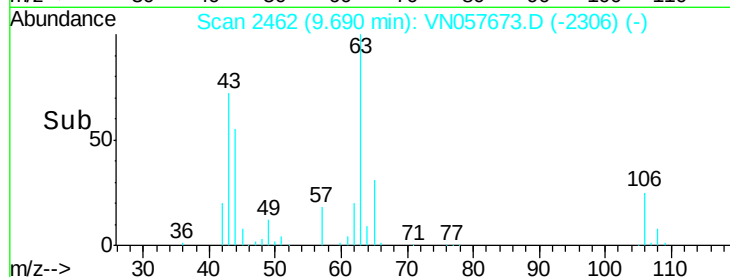
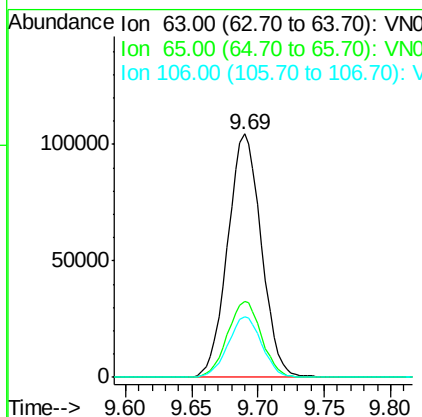
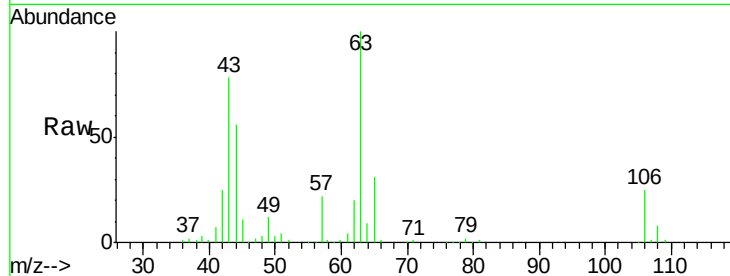
#55
2-Chloroethyl vinyl ether
Concen: 91.077 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.6	38.4
106	24.8	19.5	29.3

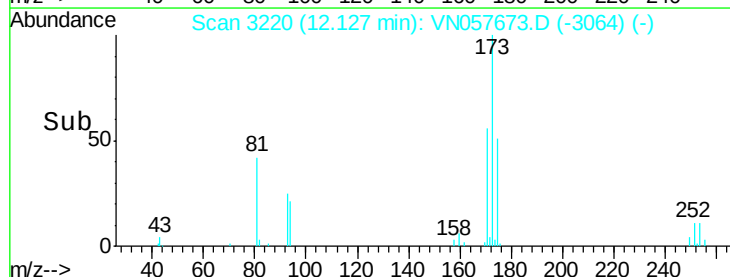
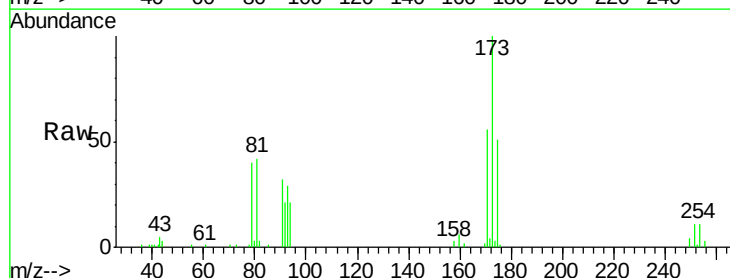
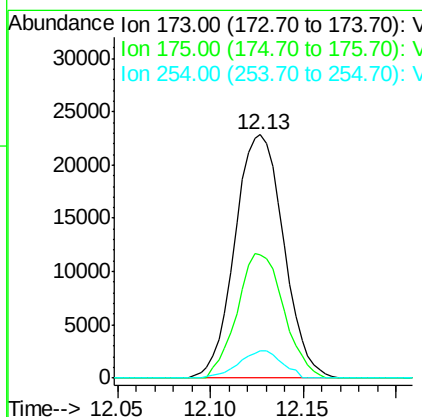
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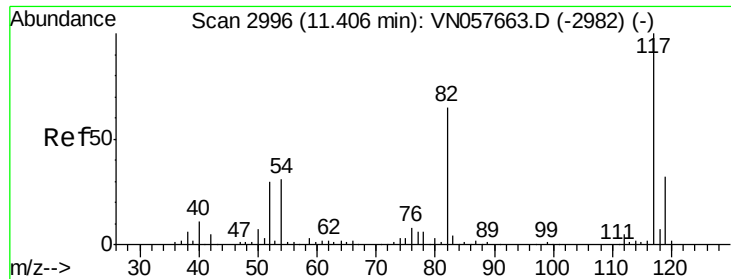
MMDadoda
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#56
Bromoform
Concen: 16.430 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.8	58.2
254	10.0	7.2	10.8





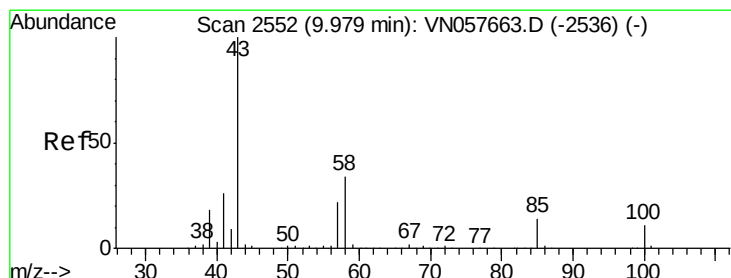
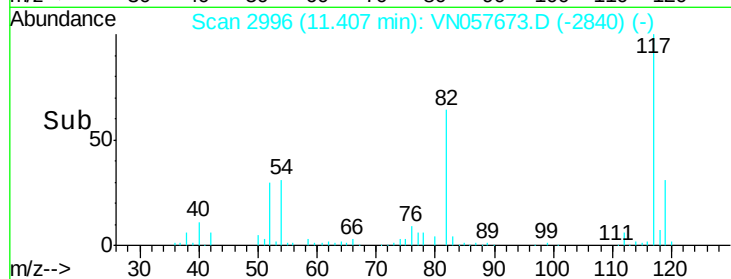
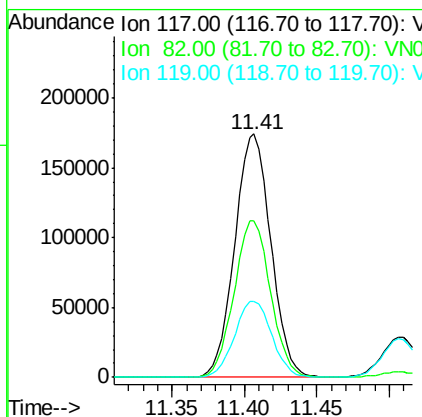
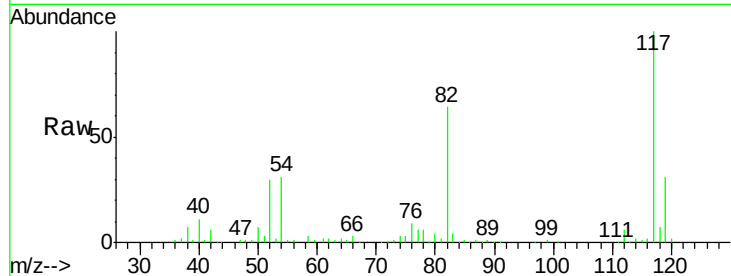
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.9	51.2	76.8
119	32.3	25.8	38.6

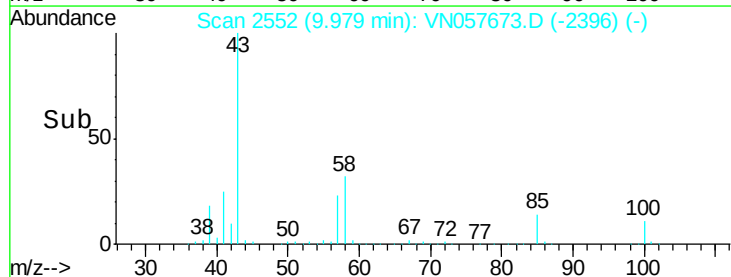
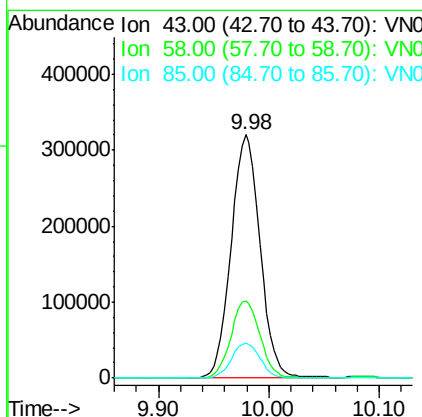
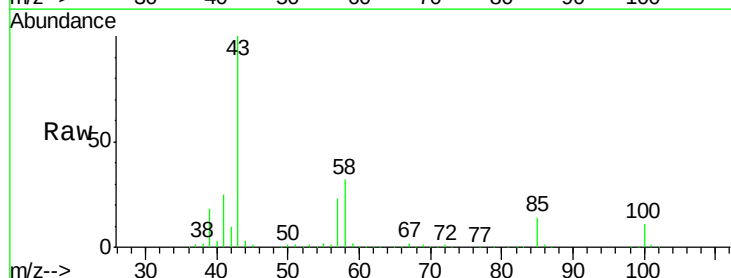
Manual Integrations
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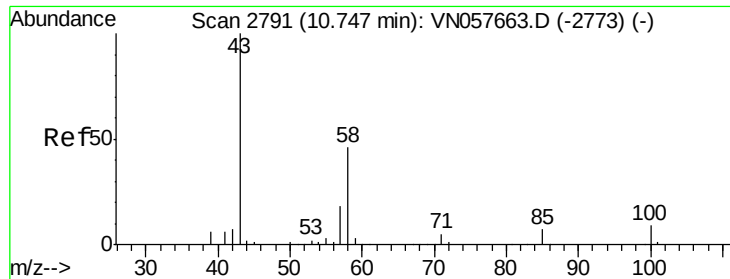
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 109.172 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.7	40.1
85	14.3	11.2	16.8





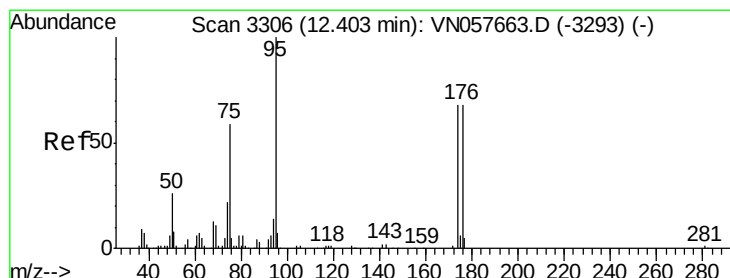
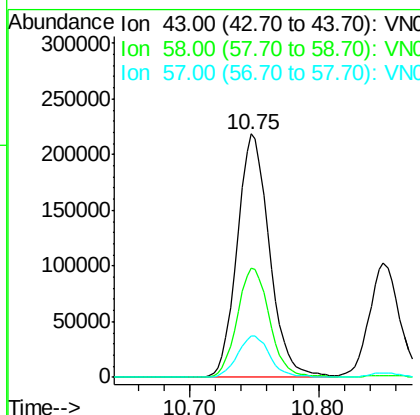
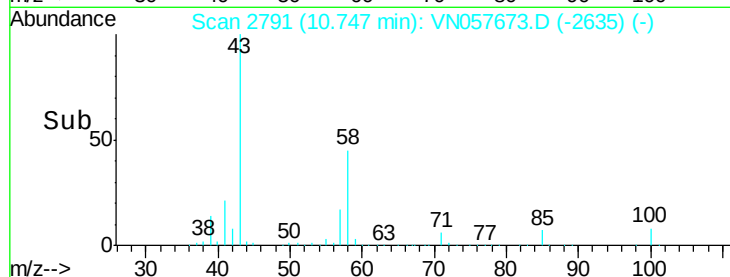
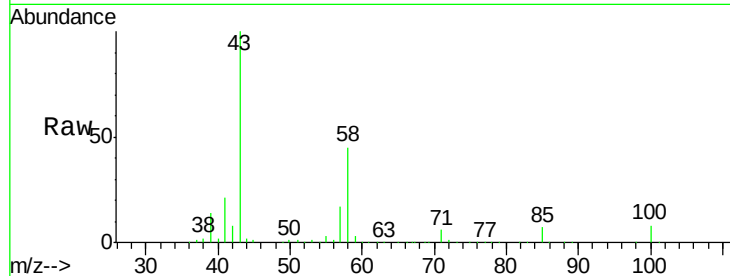
#59
2-Hexanone
Concen: 100.709 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	45.4	36.1	54.1
57	17.0	14.1	21.1

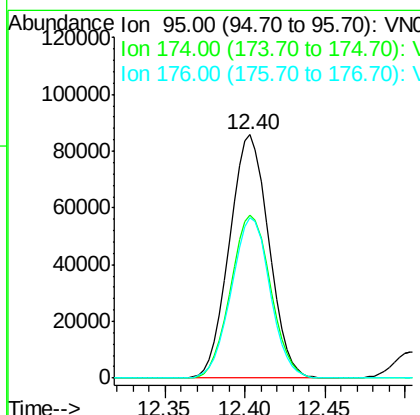
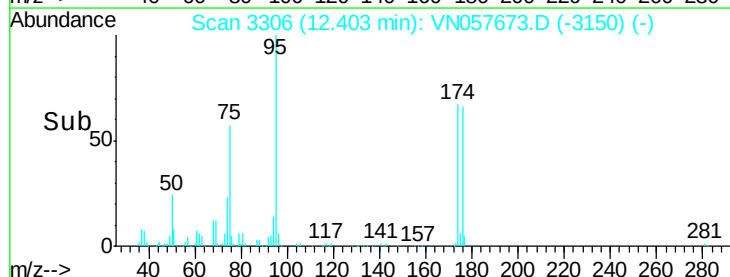
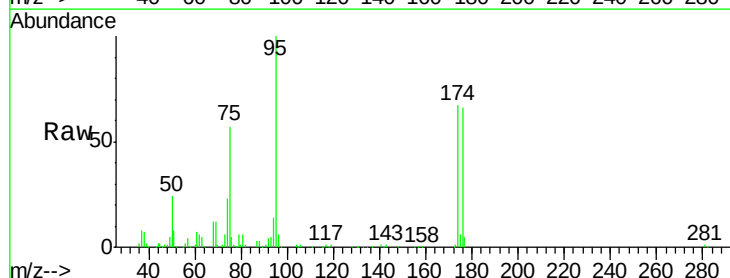
Manual Integrations
APPROVED

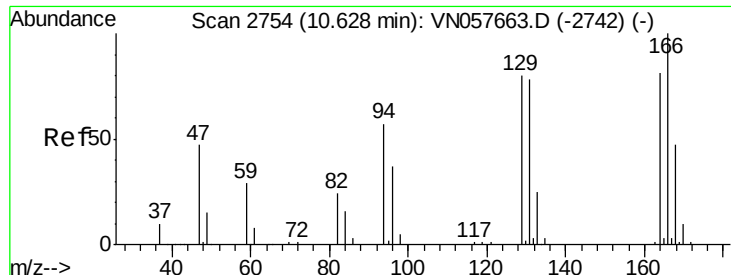
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 27.954 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.9	55.0	82.6
176	64.9	53.7	80.5





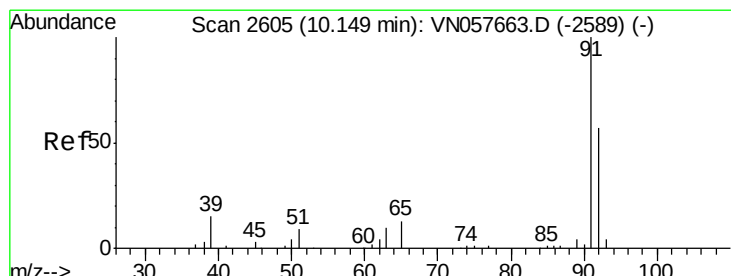
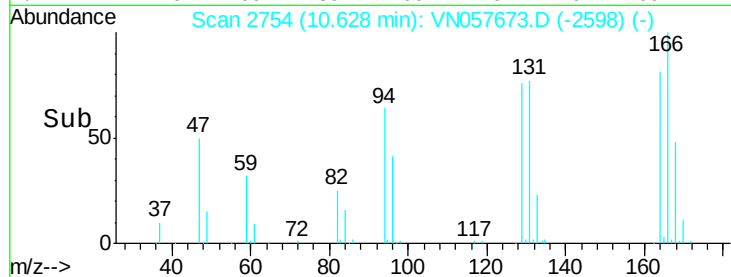
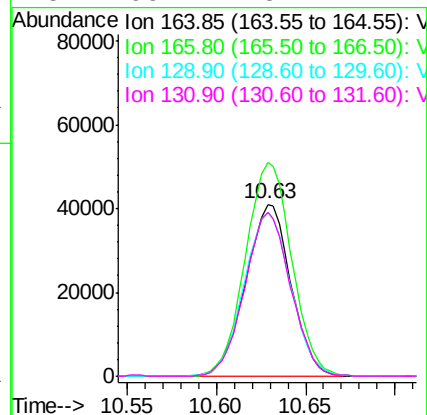
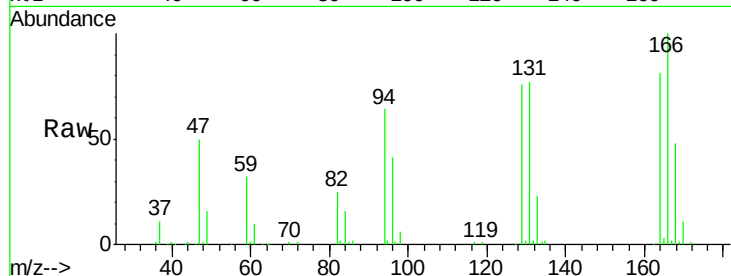
#61
Tetrachloroethene
Concen: 20.972 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.0	99.4	149.2
129	94.5	78.8	118.2
131	95.1	78.2	117.2

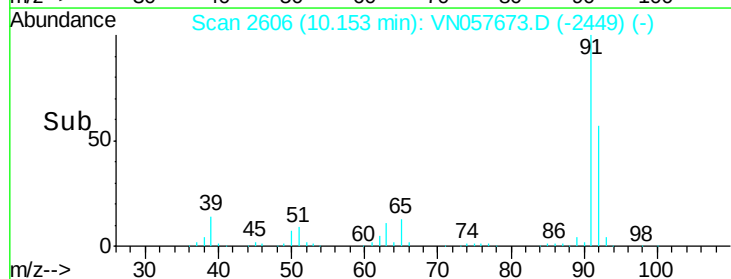
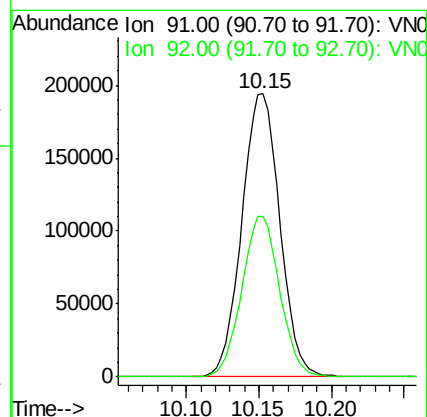
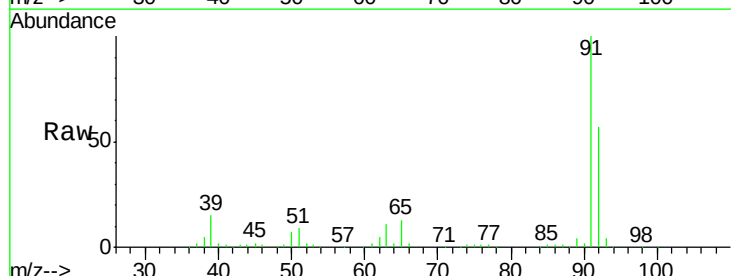
Manual Integrations
APPROVED

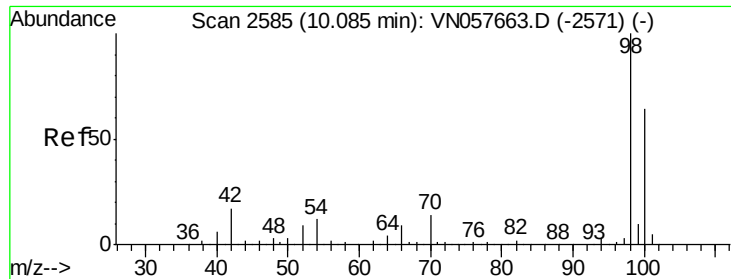
MMDadoda
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#62
Toluene
Concen: 20.899 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.6	46.1	69.1





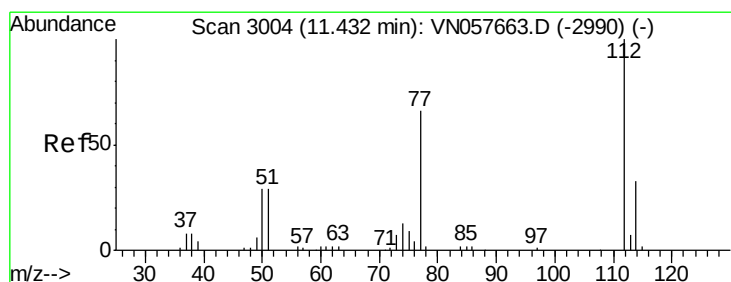
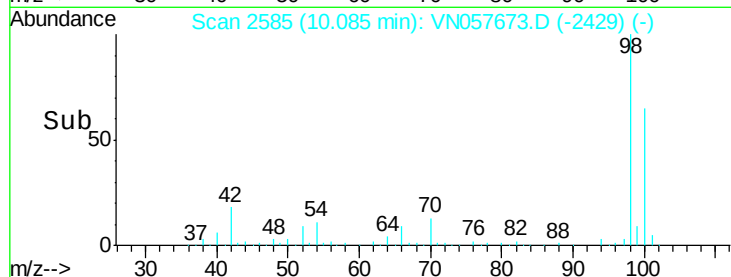
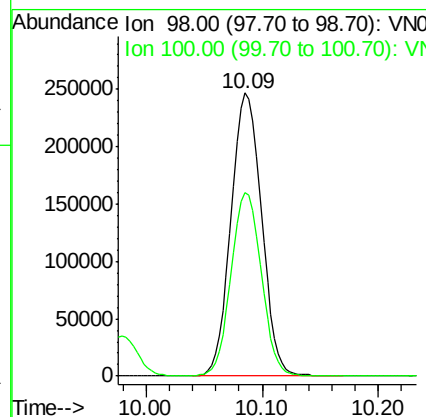
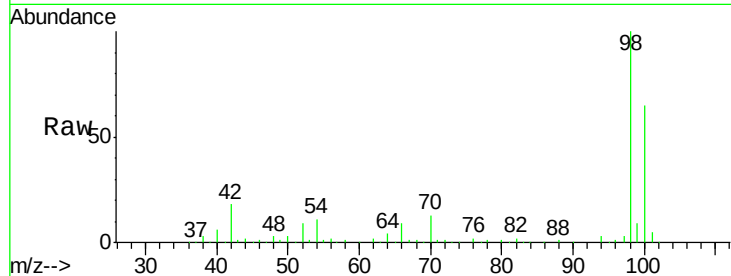
#63
Toluene-d8
Concen: 30.993 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion: 98 Resp: 450794
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6

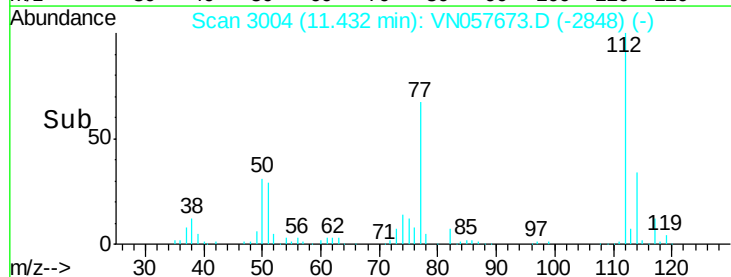
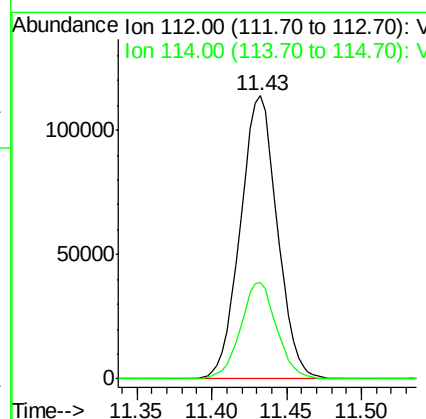
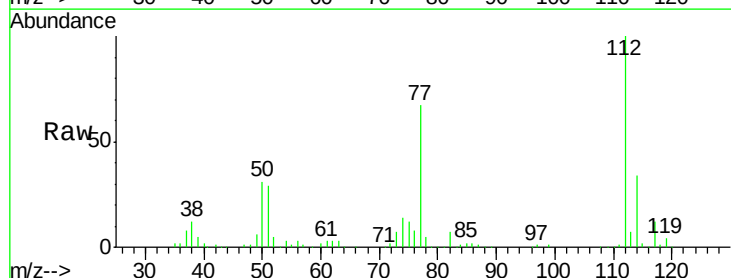
Manual Integrations
APPROVED

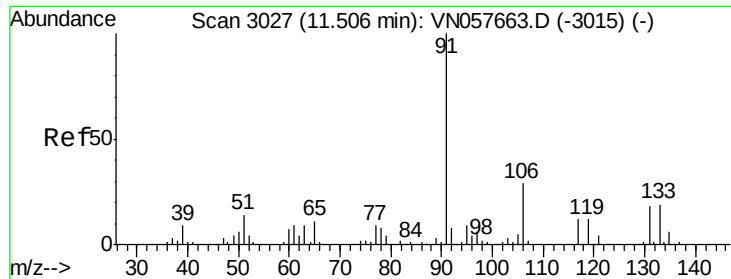
MMDadoda
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#64
Chlorobenzene
Concen: 19.711 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion: 112 Resp: 196292
Ion Ratio Lower Upper
112 100
114 34.2 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.092 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

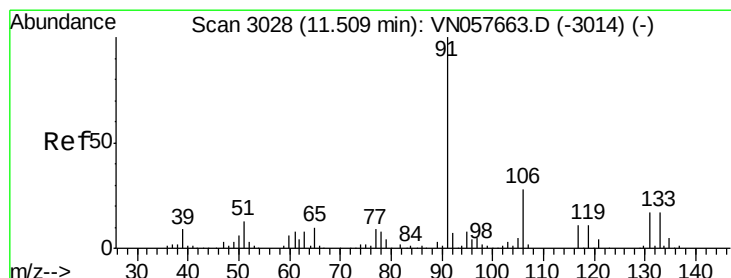
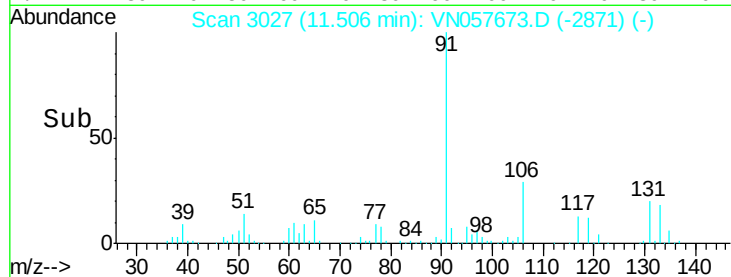
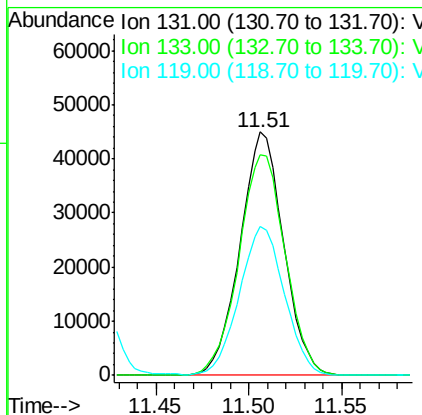
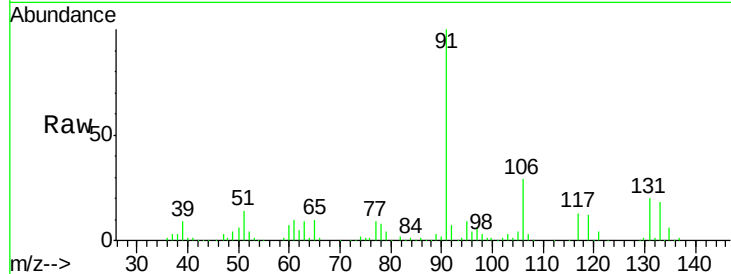
ClientSampled :

VN0903WBSD01

Tot Ion:	131	Resp:	73301
Ion Ratio	Lower	Upper	
131	100		
133	96.1	0.0	198.0
119	63.4	0.0	129.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.524 ug/l

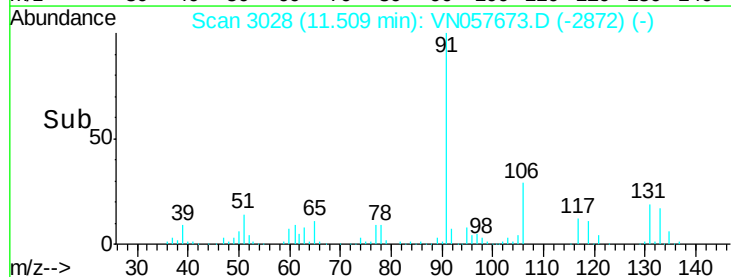
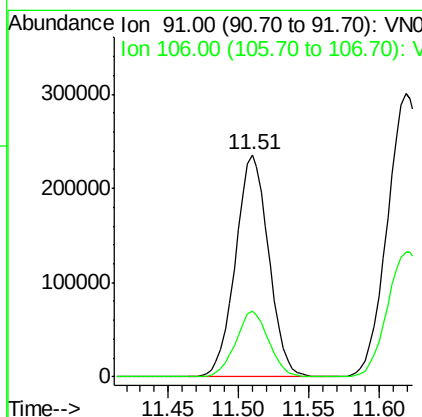
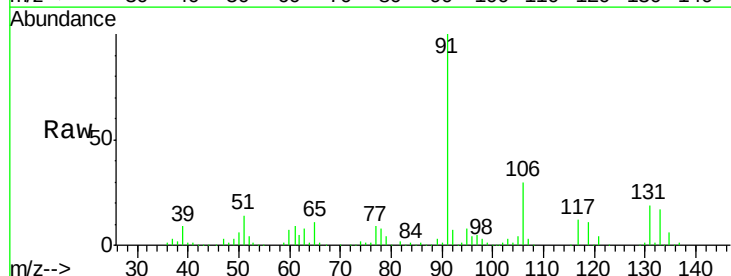
RT: 11.51 min Scan# 3028

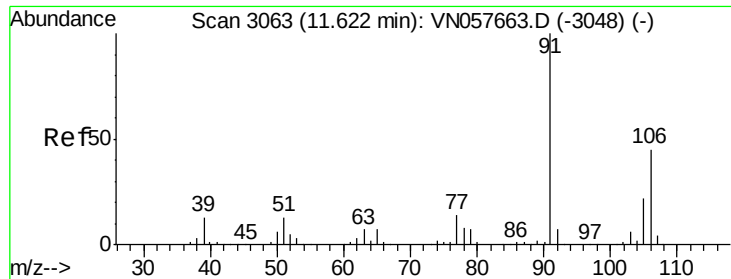
Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion:	91	Resp:	389062
Ion Ratio	Lower	Upper	
91	100		
106	29.6	22.7	34.1





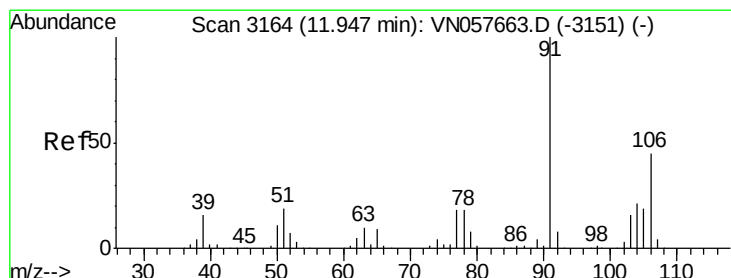
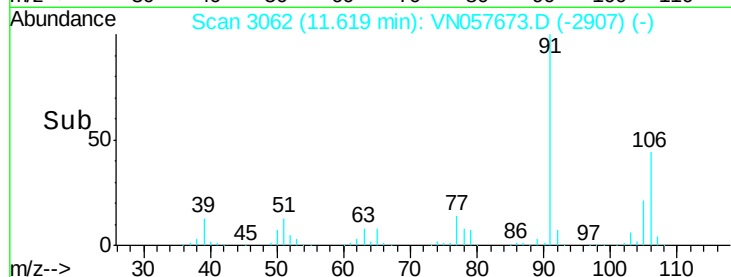
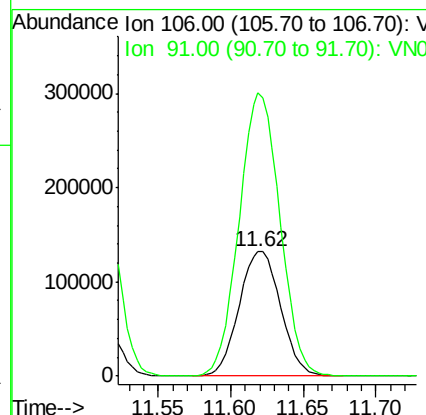
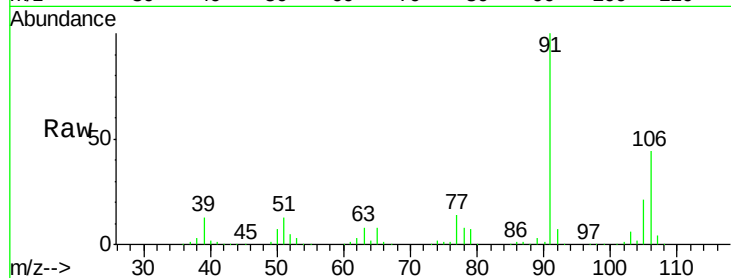
#67
m/p-Xylenes
Concen: 39.533 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion:106 Resp: 262838
Ion Ratio Lower Upper
106 100
91 223.2 178.9 268.3

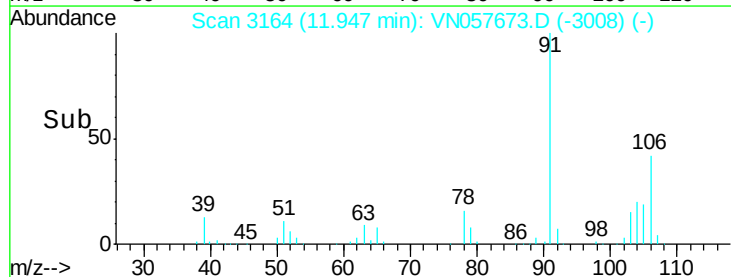
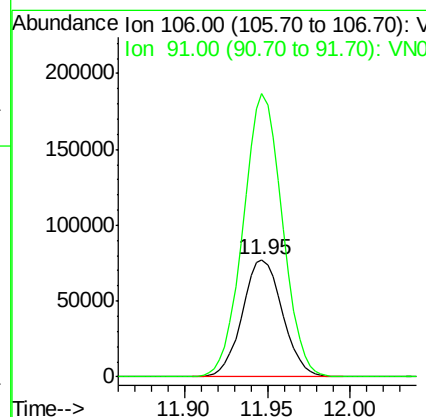
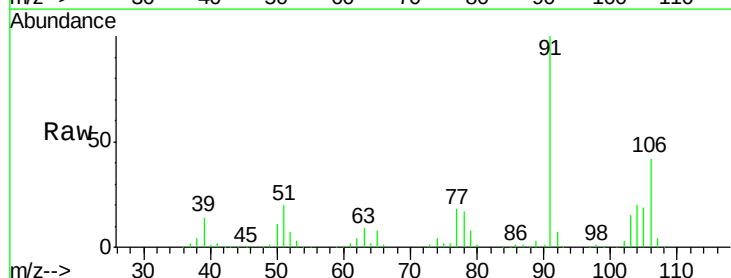
Manual Integrations
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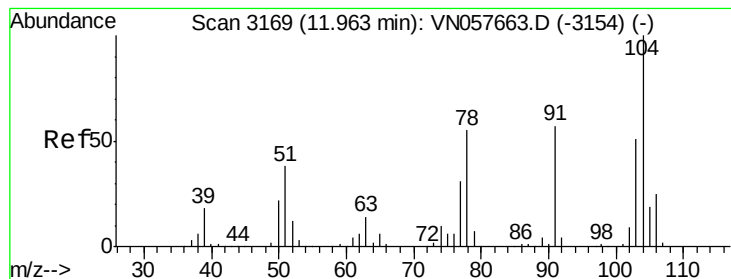
MMDadoda
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#68
o-Xylene
Concen: 19.712 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion:106 Resp: 130494
Ion Ratio Lower Upper
106 100
91 235.1 114.0 342.0





#69

Stvrene

Concen: 18.576 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

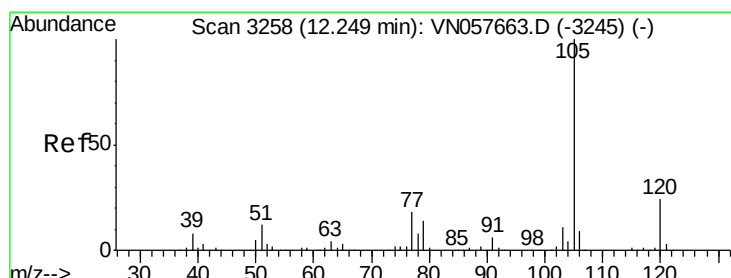
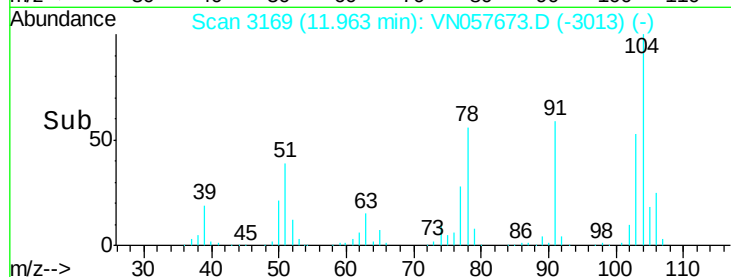
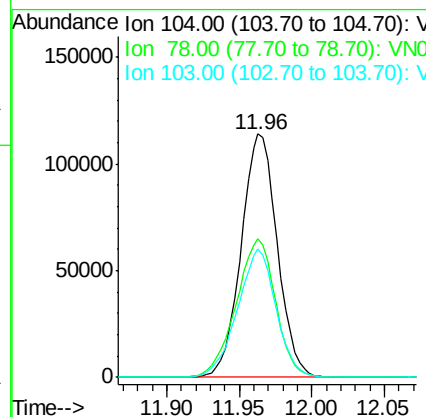
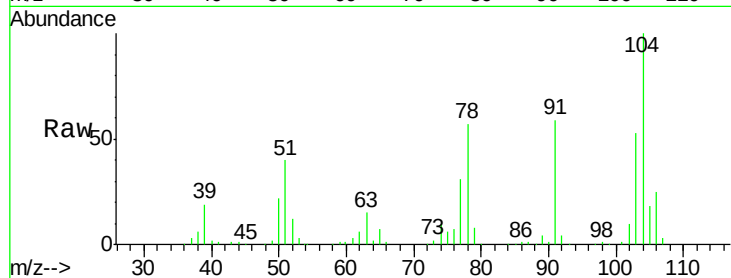
ClientSampleId :

VN0903WBSD01

Tot Ion:	104	Resp:	197107
Ion Ratio	Lower	Upper	
104	100		
78	62.5	49.0	73.6
103	56.3	44.9	67.3

Manual Integrations
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#70

Isopropylbenzene

Concen: 20.269 ug/l

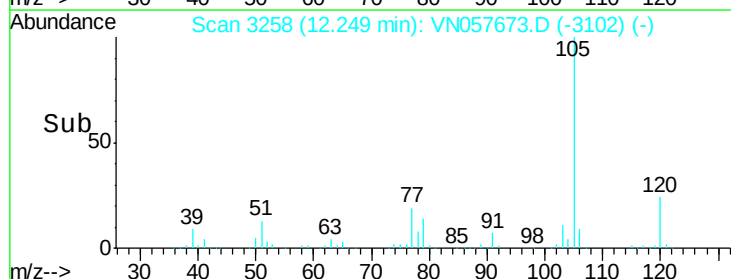
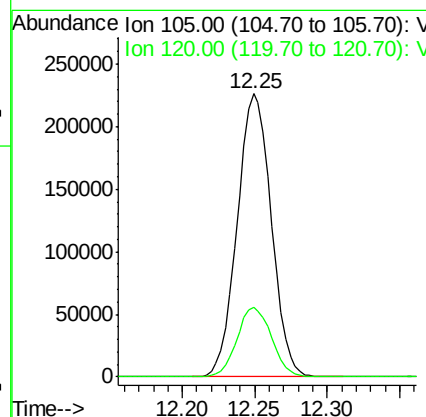
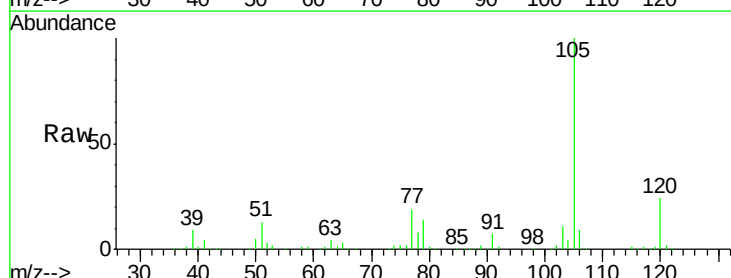
RT: 12.25 min Scan# 3258

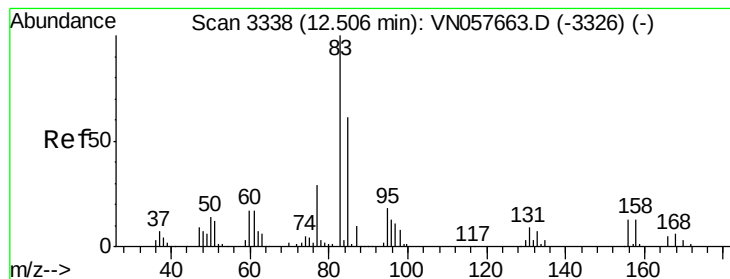
Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion:	105	Resp:	368061
Ion Ratio	Lower	Upper	
105	100		
120	24.8	17.2	32.0





#71

1,1,2,2-Tetrachloroethane

Concen: 19.765 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

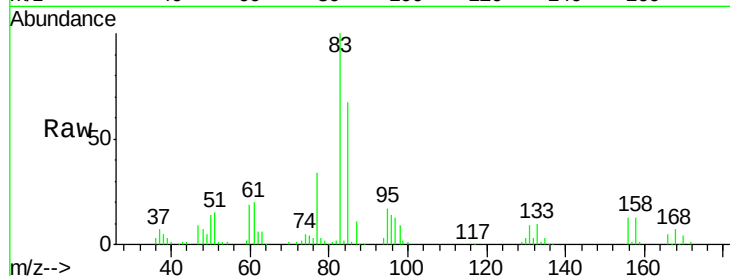
ClientSampled :

VN0903WBSD01

Tot Ion:	83	Resp:	94430
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	65.8	31.7	95.1

Manual Integrations
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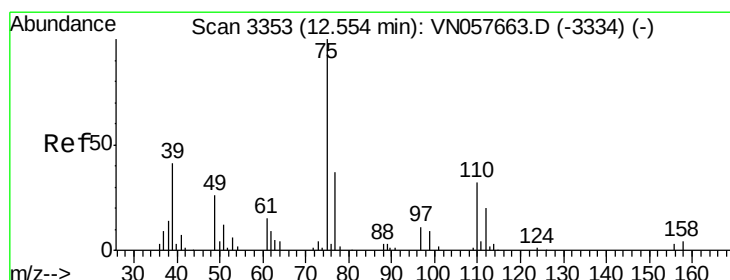
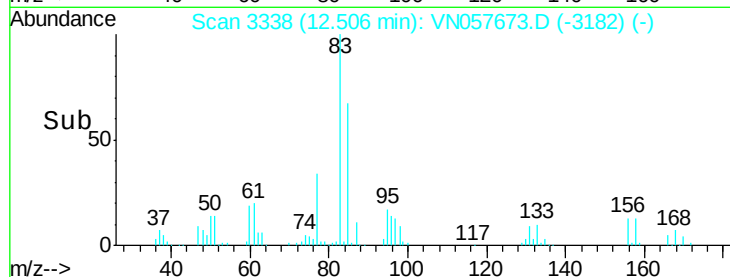


Abundance Ion 83.00 (82.70 to 83.70): VN057663.D (-3326) (-)

Ion 131.00 (130.70 to 131.70): VN057663.D (-3326) (-)

Ion 85.00 (84.70 to 85.70): VN057663.D (-3326) (-)

Time-->



#72

1,2,3-Trichloropropane

Concen: 22.462 ug/l m

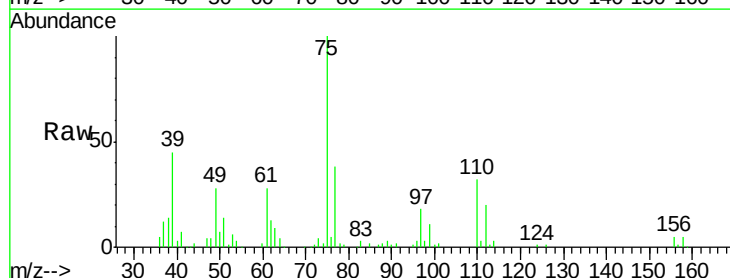
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

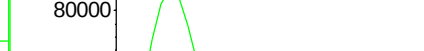
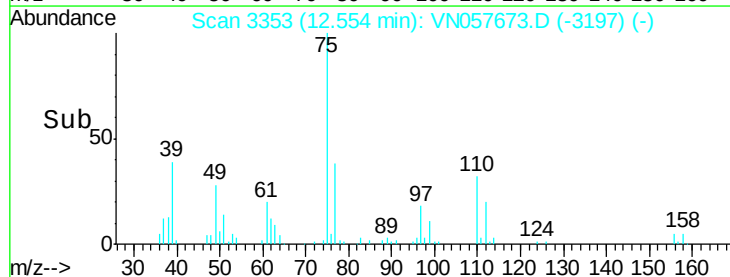
Tgt Ion:	75	Resp:	100927
Ion Ratio	Lower	Upper	
75	100		
77	175.2	0.0	405.6

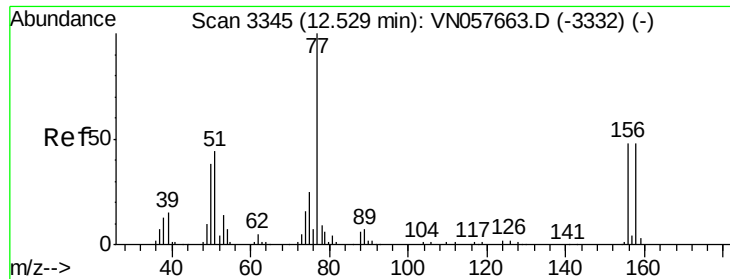


Abundance Ion 75.00 (74.70 to 75.70): VN057663.D (-3334) (-)

Ion 77.00 (76.70 to 77.70): VN057663.D (-3334) (-)

Time-->





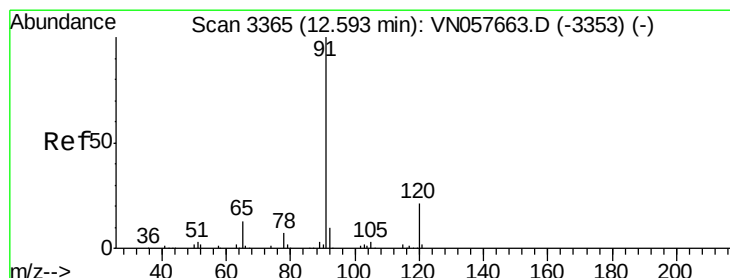
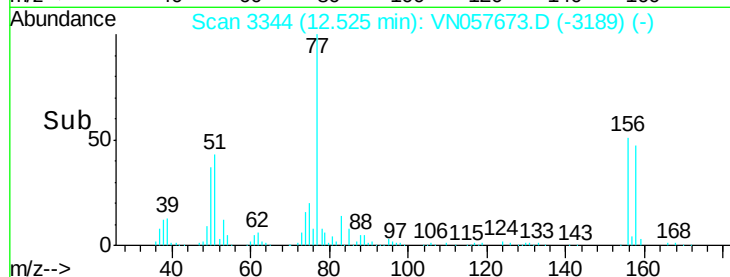
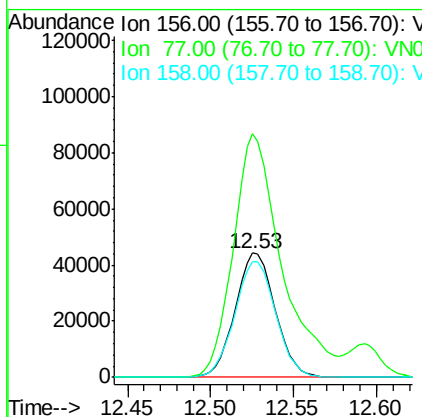
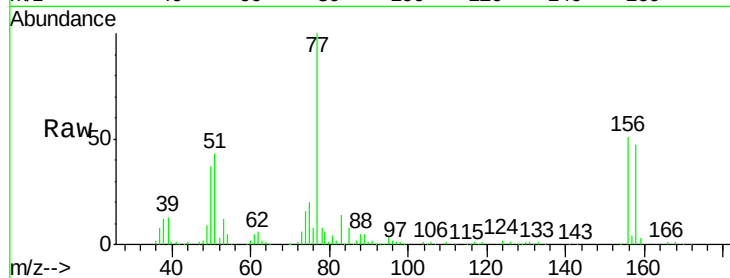
#73
Bromobenzene
Concen: 19.343 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	237.5	0.0	495.6
158	95.3	0.0	197.8

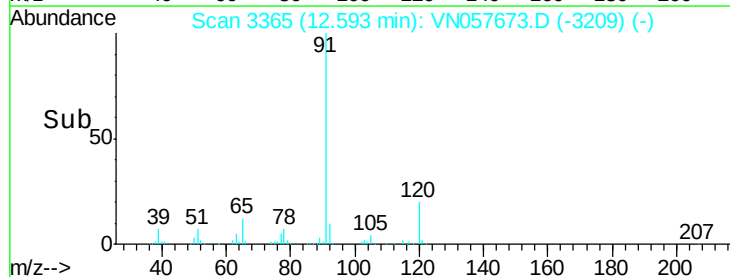
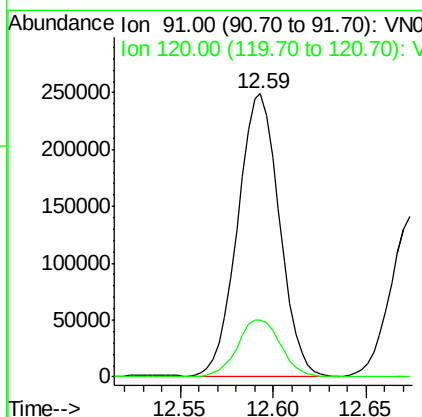
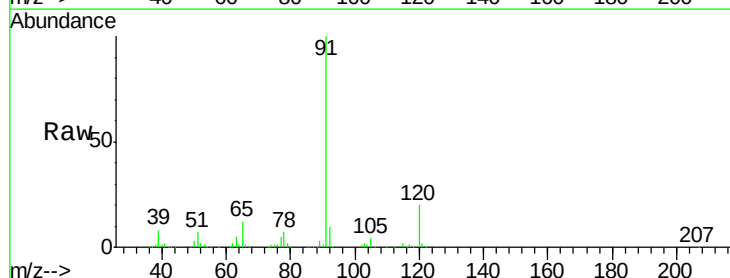
Manual Integrations
APPROVED

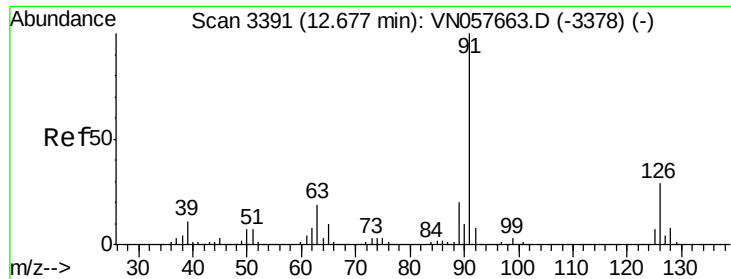
MMDadoda
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#74
n-propylbenzene
Concen: 19.507 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.9	0.0	40.4





#75

2-Chlorotoluene

Concen: 19.033 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

VN0903WBSD01

Tot Ion: 91 Resp: 239515

Ion Ratio Lower Upper

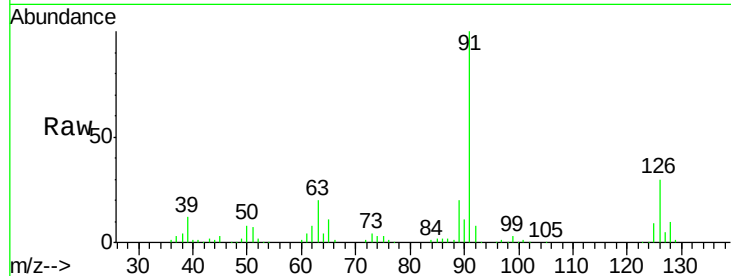
91 100

126 29.7 0.0 59.2

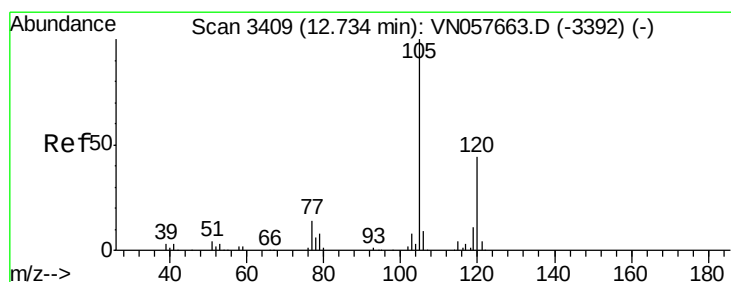
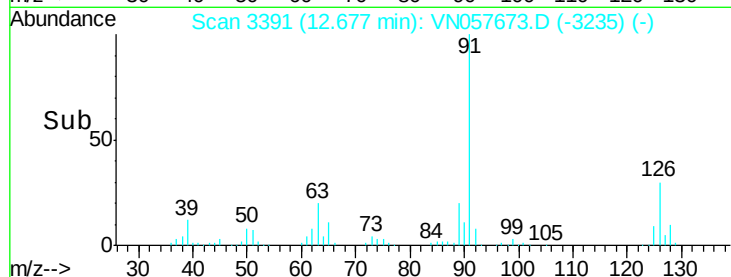
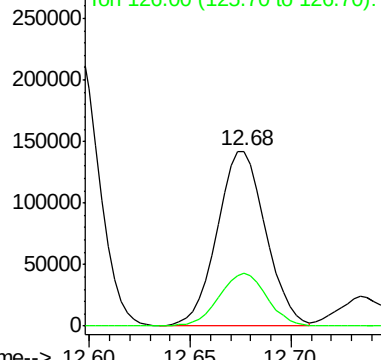
Manual Integrations
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9/5/2019 3:21:35 PM



Abundance Ion 91.00 (90.70 to 91.70): VN057663.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.255 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057673.D

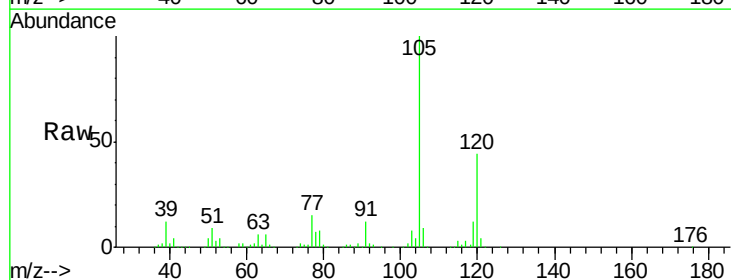
Acq: 3 Sep 2019 19:42

Tgt Ion: 105 Resp: 305335

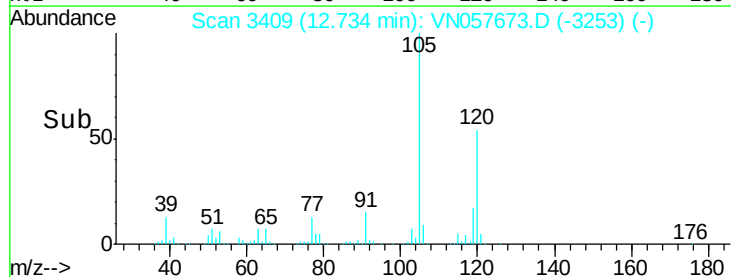
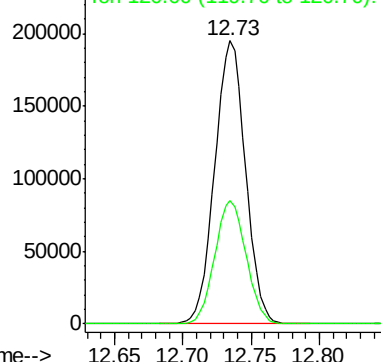
Ion Ratio Lower Upper

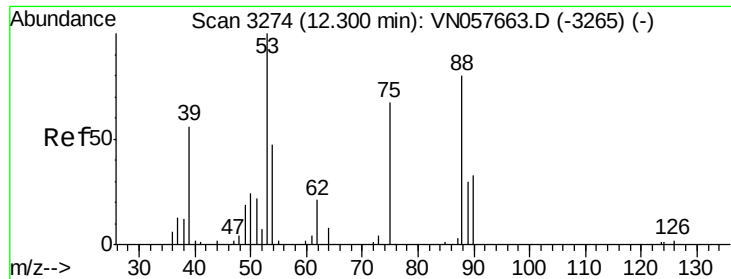
105 100

120 44.1 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): VN057663.D (-3392) (-)





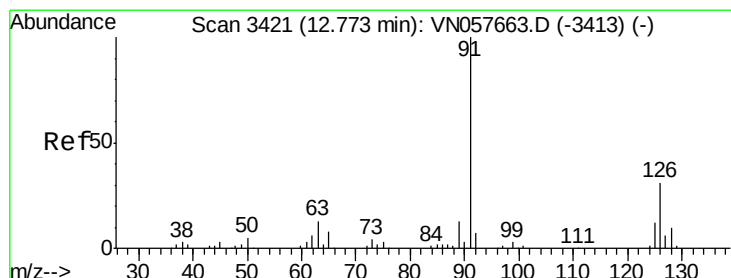
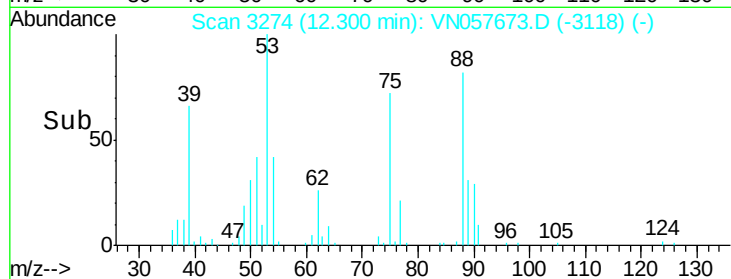
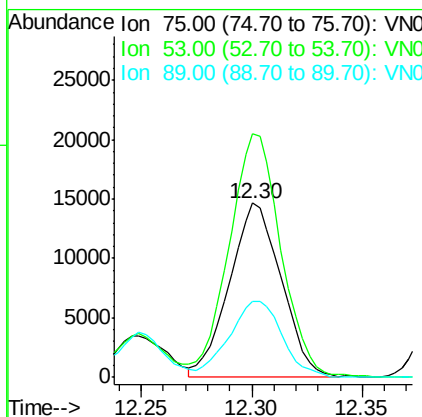
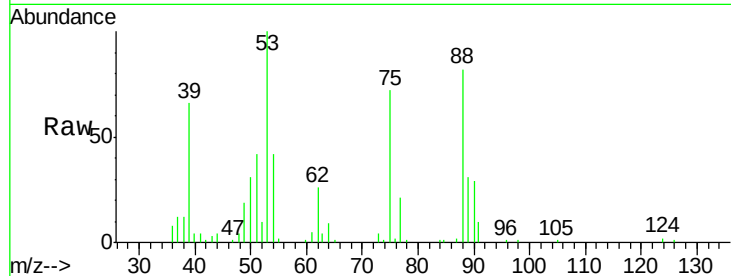
#77
t-1,4-Dichloro-2-butene
Concen: 17.440 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampled :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	138.1	74.2	222.6
89	43.5	23.3	69.9

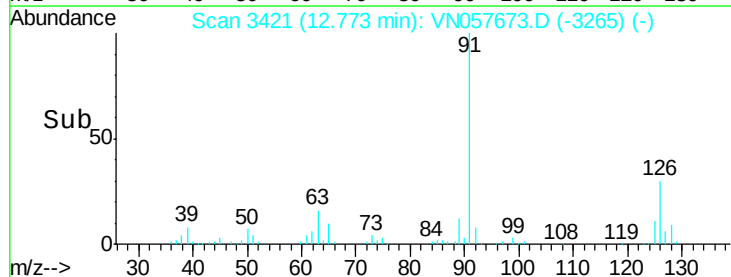
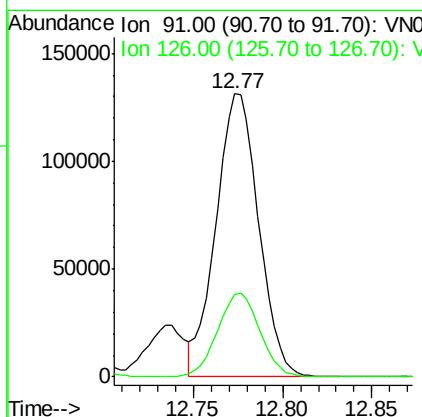
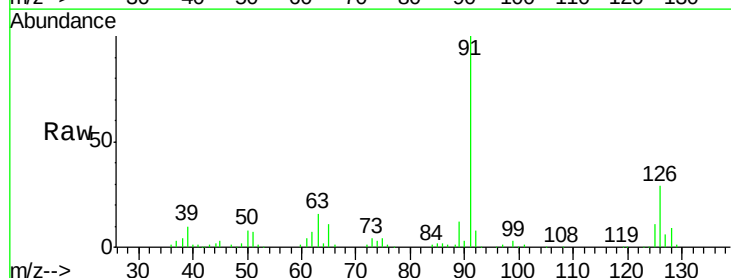
Manual Integrations
APPROVED

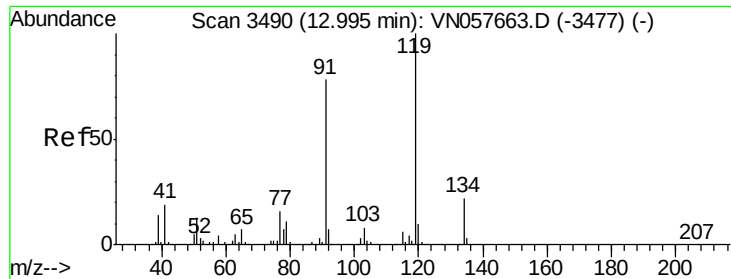
MMDadoda
9/5/2019 3:21:35 PM



#78
4-Chlorotoluene
Concen: 18.241 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	0.0	57.8





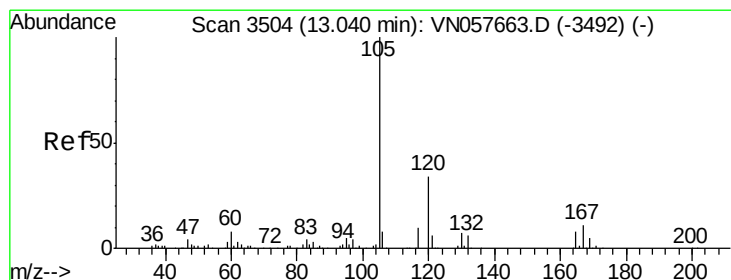
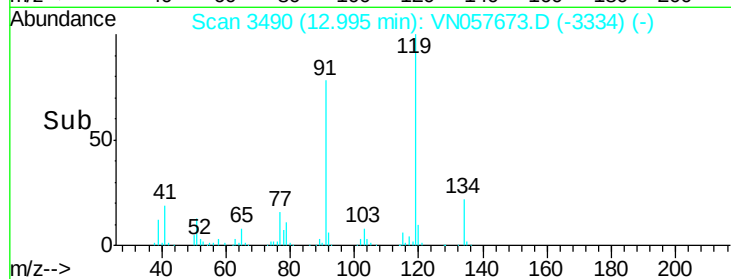
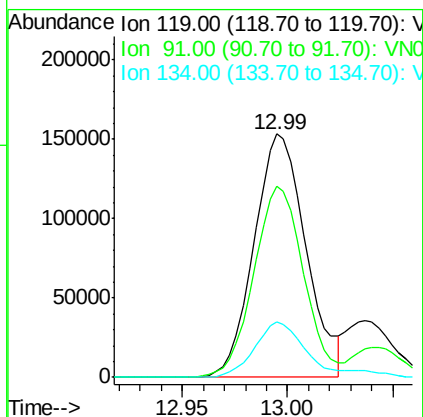
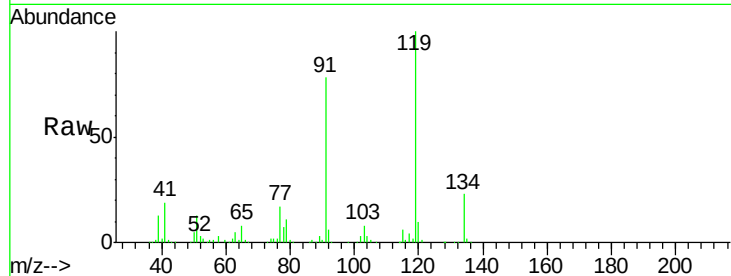
#79
tert-butylbenzene
Concen: 20.281 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	262570		
91	75.0		0.0	155.6
134	21.9		0.0	48.2

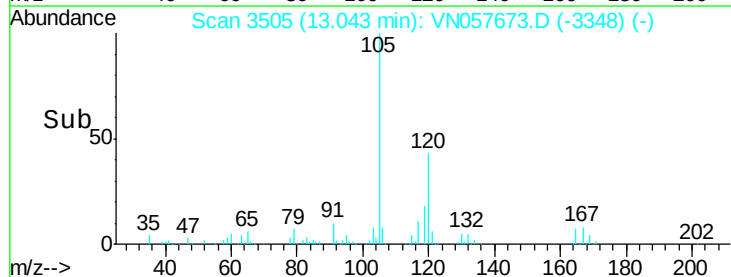
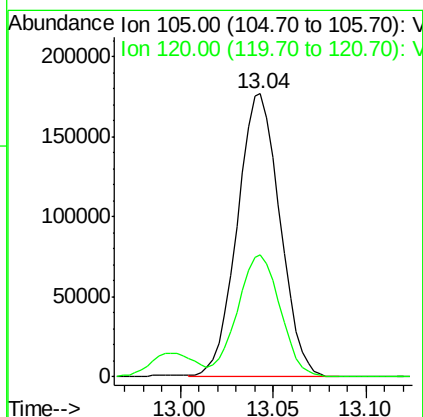
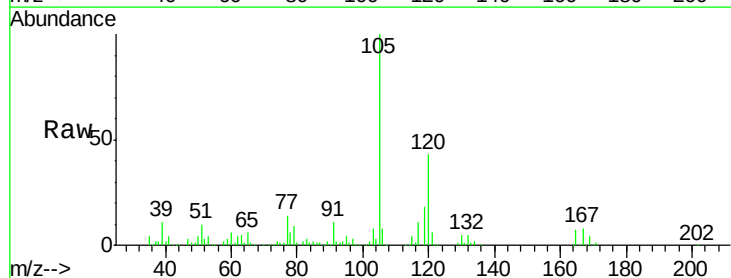
Manual Integrations
APPROVED

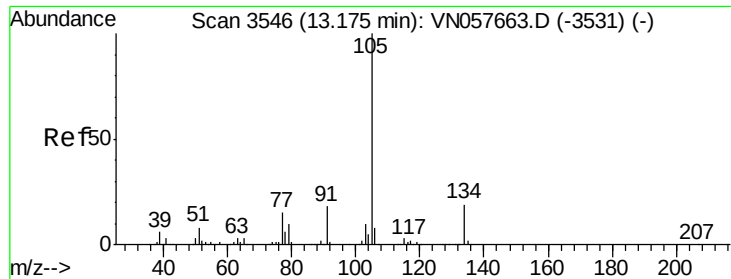
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.891 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281727		
120	43.5		0.0	83.4





#81

sec-Butylbenzene

Concen: 19.457 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBSD01

Tot Ion:105 Resp: 324613

Ion Ratio Lower Upper

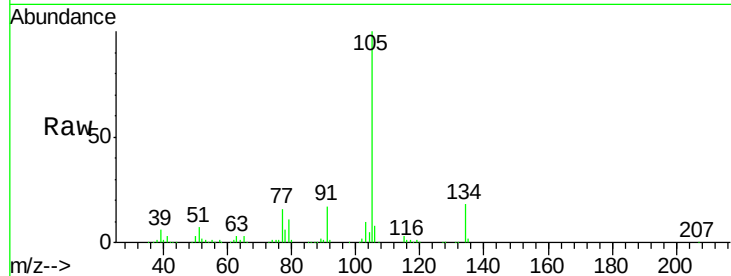
105 100

134 17.7 0.0 36.2

Manual Integrations
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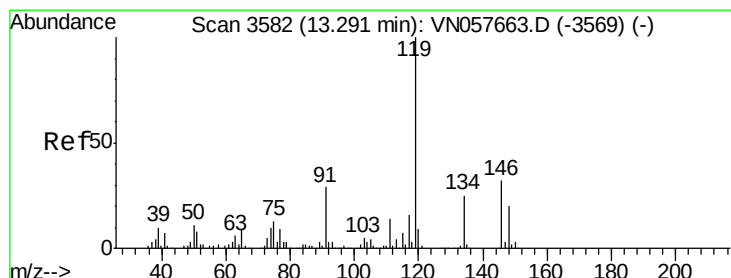
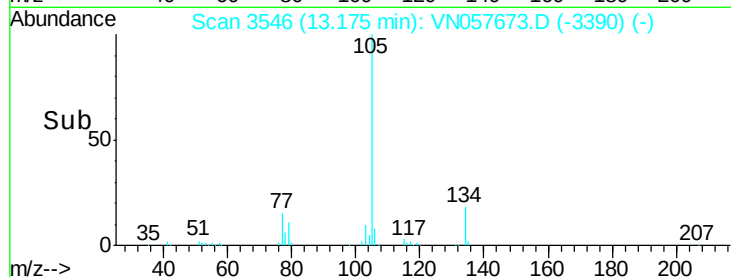
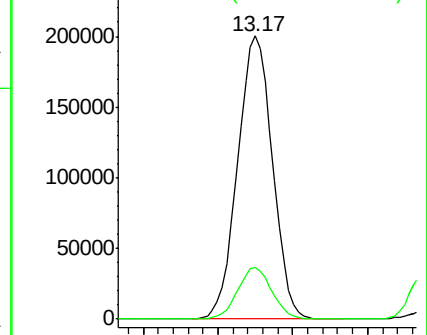
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.156 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

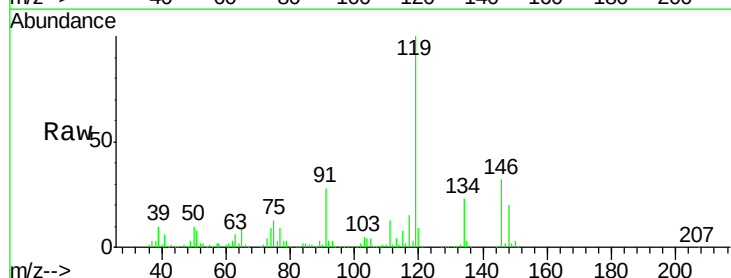
Tgt Ion:119 Resp: 271451

Ion Ratio Lower Upper

119 100

134 23.8 0.0 49.6

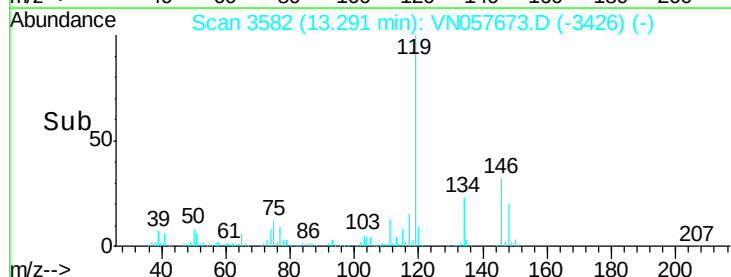
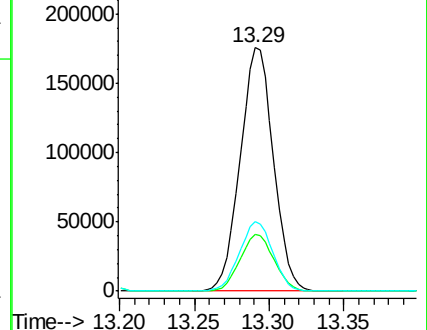
91 28.7 0.0 56.2

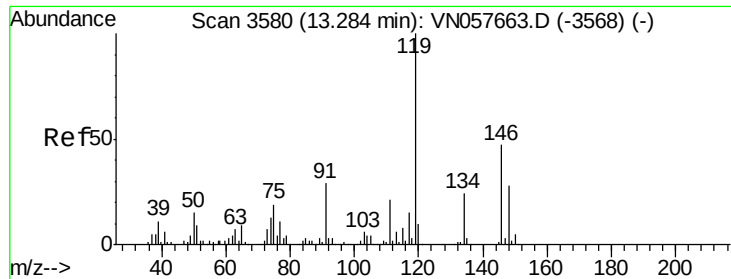


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





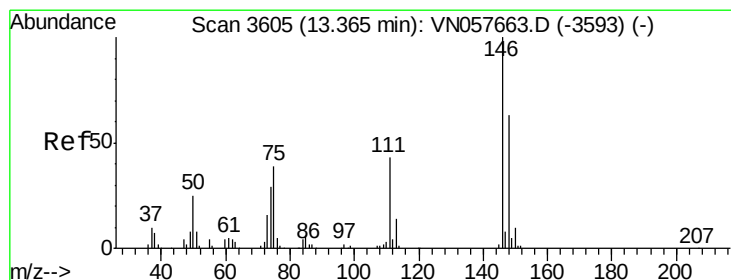
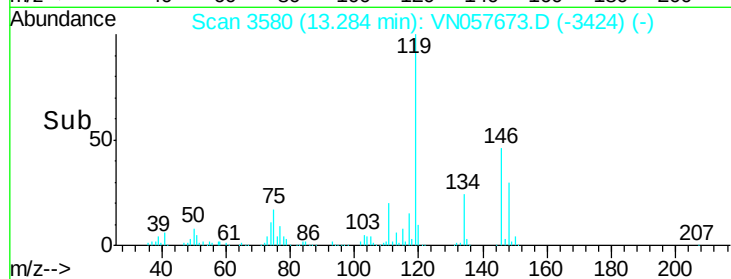
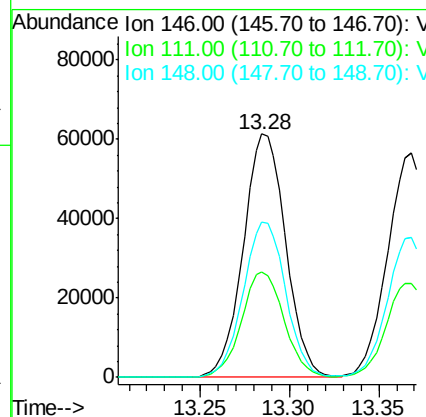
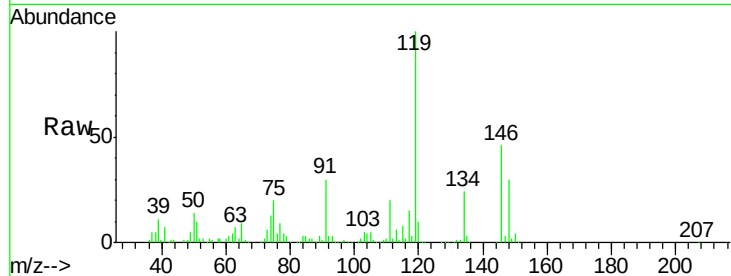
#83
 1,3-Dichlorobenzene
 Concen: 17.666 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	101805		
111	43.4	22.1	66.3	
148	64.0	31.3	93.9	

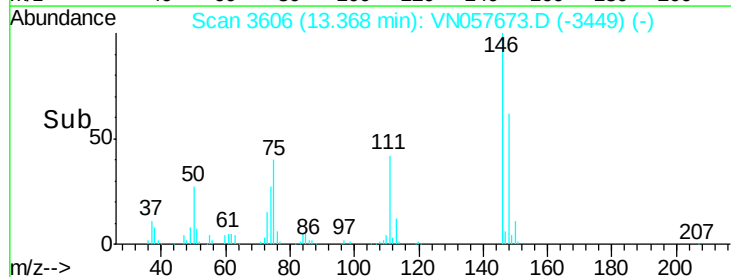
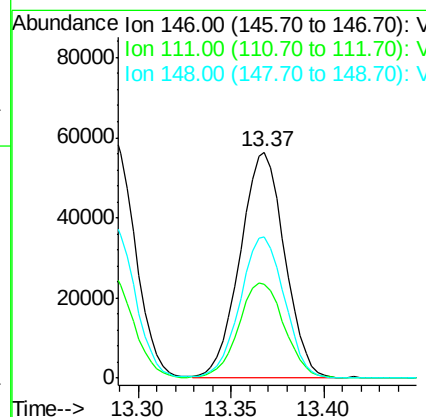
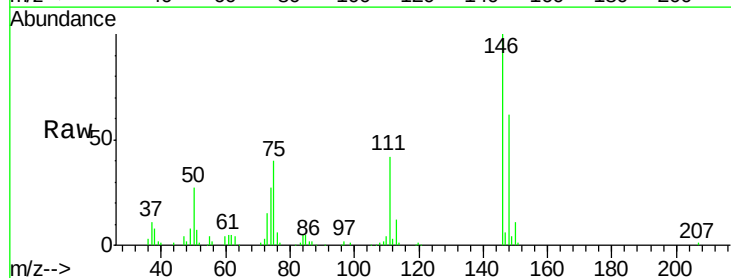
Manual Integrations
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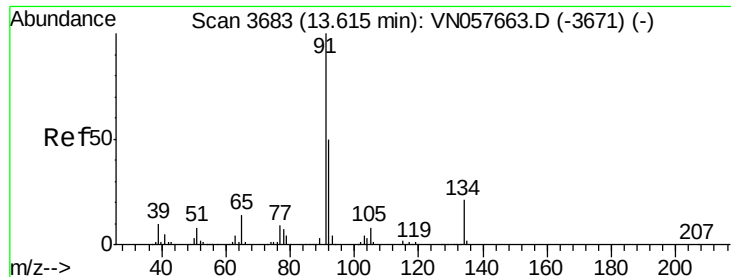
MMDadoda
 9/5/2019 3:21:35 PM



#84
 1,4-Dichlorobenzene
 Concen: 17.313 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	94190		
111	43.1	21.3	63.9	
148	62.3	31.0	93.0	





#85

n-Butylbenzene

Concen: 19.481 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Instrument :

MSVOA_N

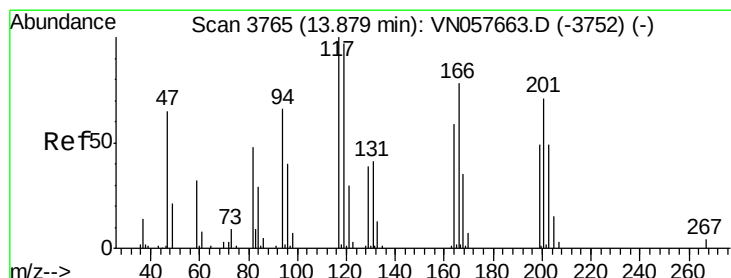
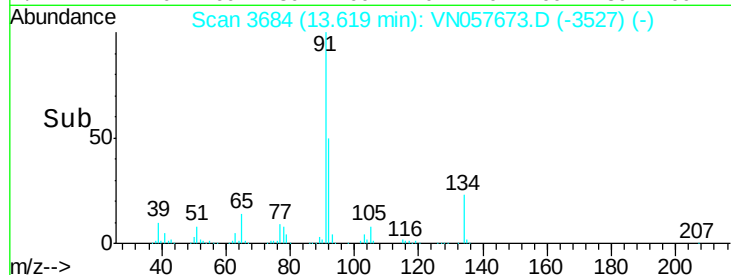
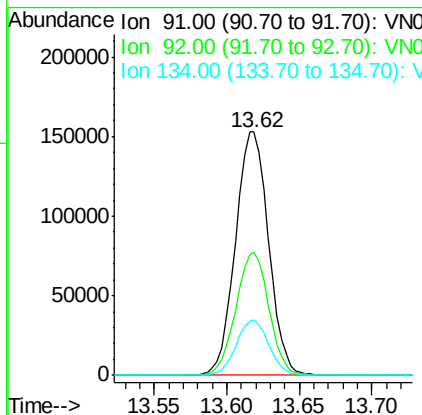
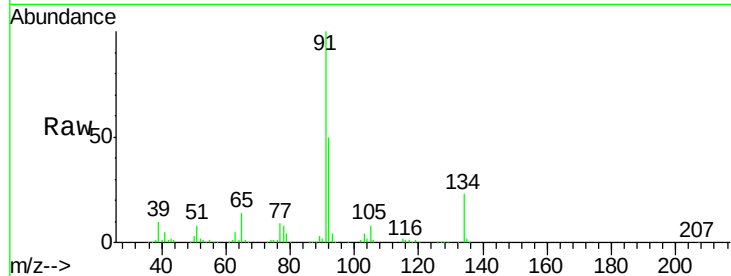
ClientSampleId :

VN0903WBSD01

Tot Ion:	91	Resp:	242647
Ion	Ratio	Lower	Upper
91	100		
92	50.3	0.0	100.2
134	22.4	0.0	43.8

Manual Integrations
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#86

Hexachloroethane

Concen: 18.248 ug/l

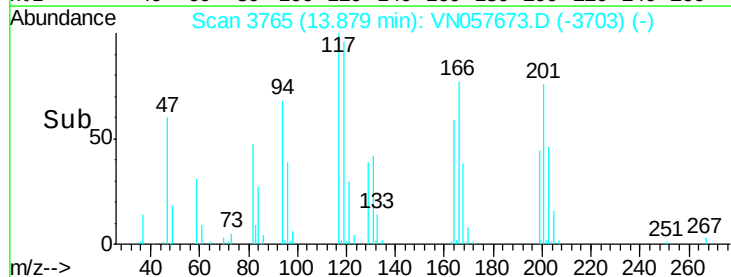
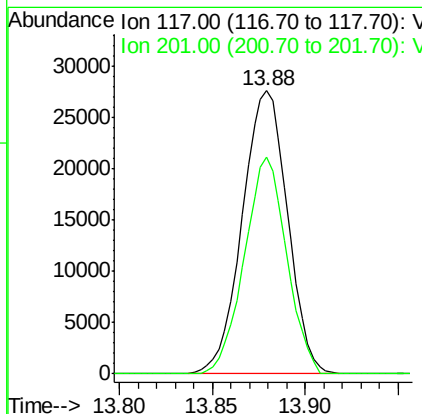
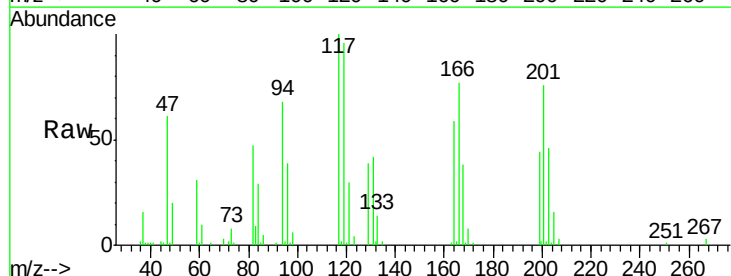
RT: 13.88 min Scan# 3765

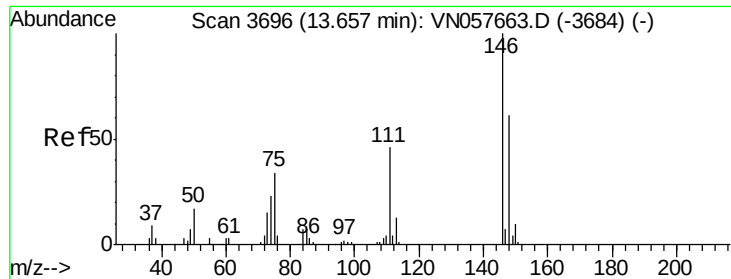
Delta R.T. 0.00 min

Lab File: VN057673.D

Acq: 3 Sep 2019 19:42

Tgt Ion:	117	Resp:	46793
Ion	Ratio	Lower	Upper
117	100		
201	71.3	34.1	102.2





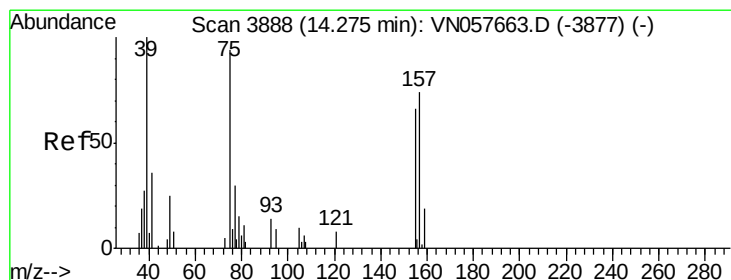
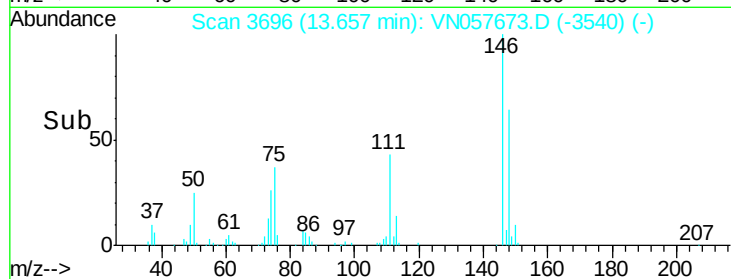
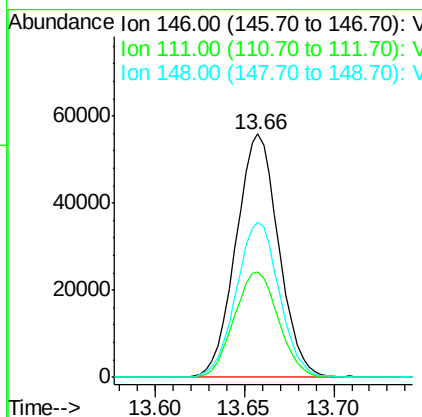
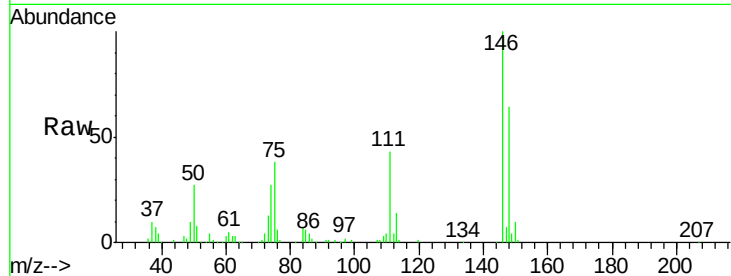
#87
 1,2-Dichlorobenzene
 Concen: 17.601 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampled :
 VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.6	67.7
148	64.3	31.3	93.9

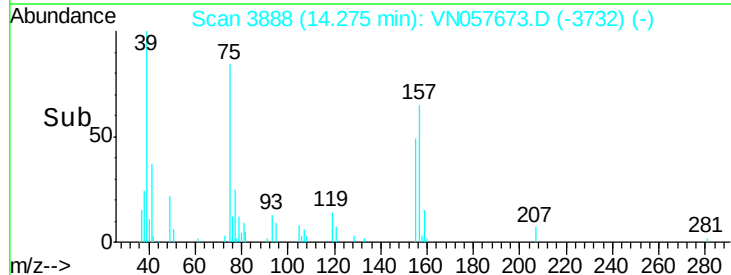
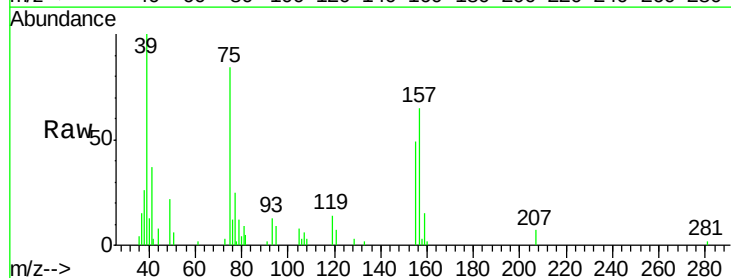
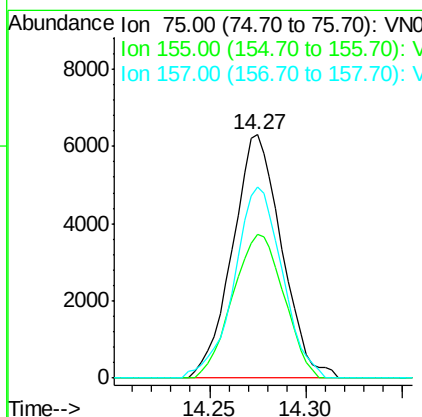
Manual Integrations
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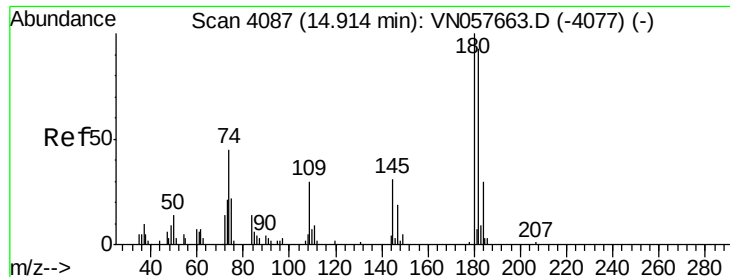
MMDadoda
 9/5/2019 3:21:35 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.913 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	61.3	54.6	82.0
157	76.7	65.5	98.3





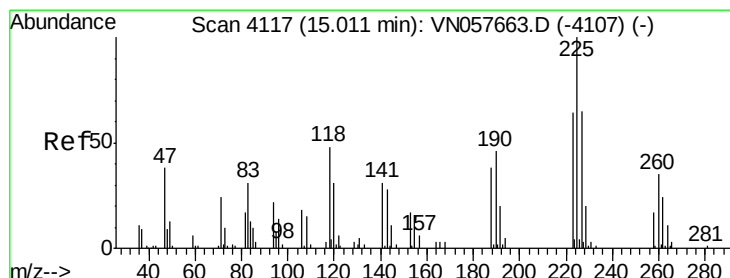
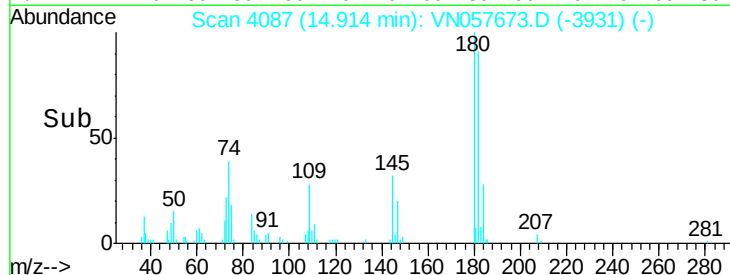
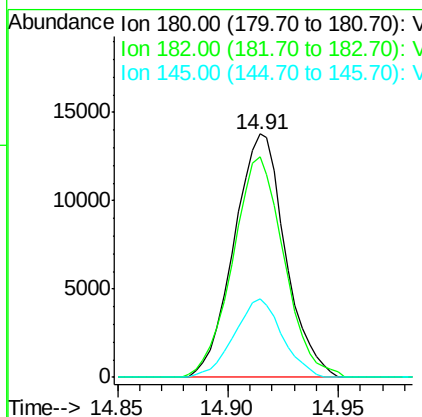
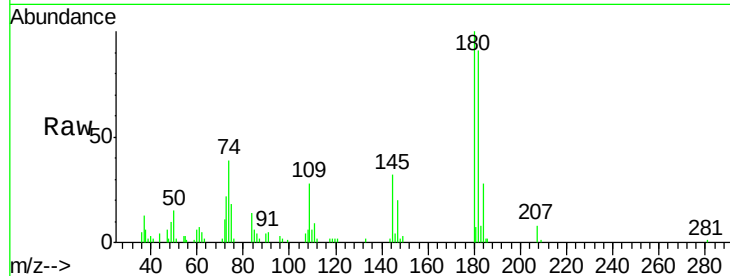
#89
 1,2,4-Trichlorobenzene
 Concen: 12.091 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Instrument :
 MSVOA_N
 ClientSampled :
 VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.9	77.4	116.2
145	30.0	25.1	37.7

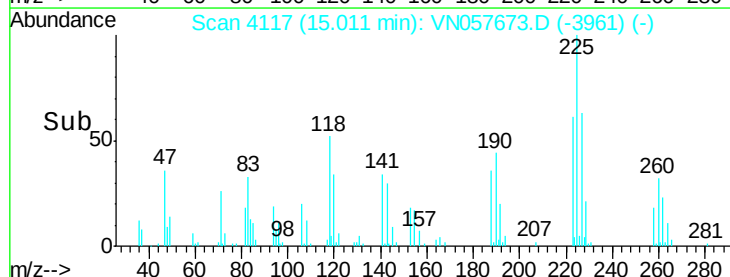
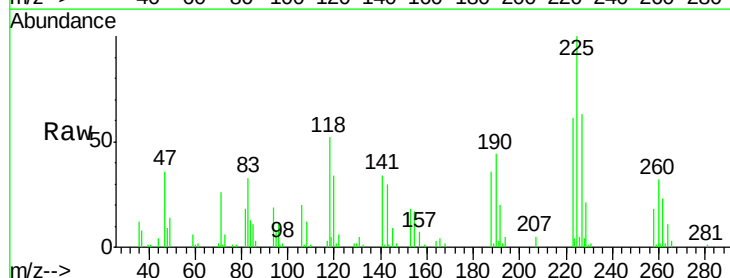
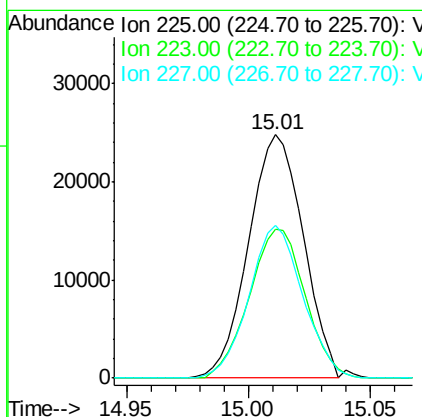
Manual Integrations
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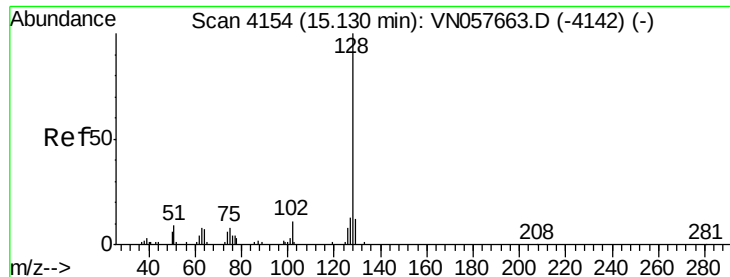
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 9/5/2019 3:21:35 PM



#90
 Hexachlorobutadiene
 Concen: 18.833 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057673.D
 Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	131.0
227	61.8	0.0	128.6





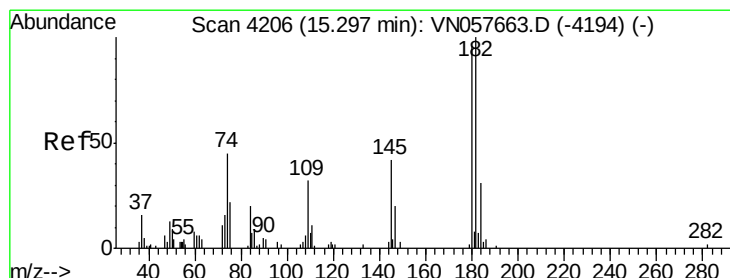
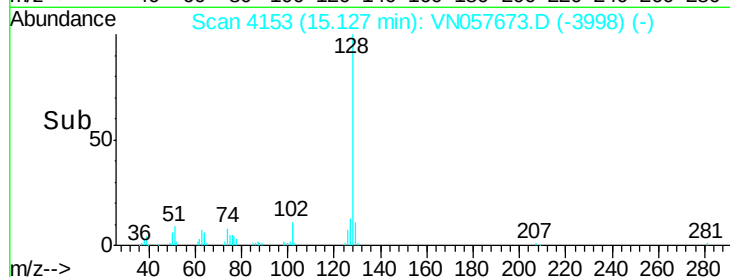
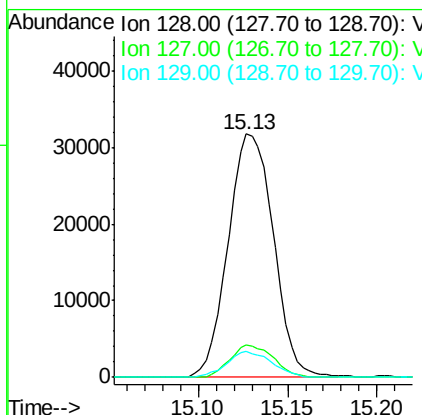
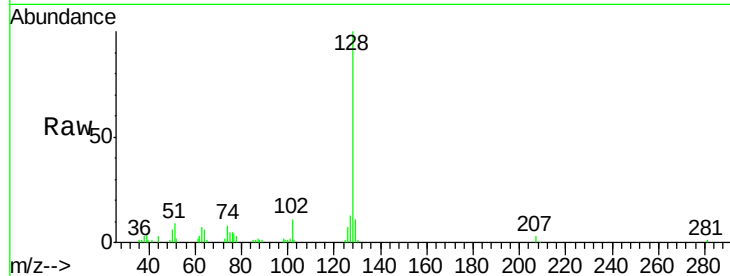
#91
Naphthalene
Concen: 11.733 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.5	9.1	13.7

Manual Integrations
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9/5/2019 3:21:35 PM



#92
1,2,3-Trichlorobenzene
Concen: 11.346 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057673.D
Acq: 3 Sep 2019 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	0.0	199.4
145	34.0	0.0	73.2

