

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053635.D
 Acq On : 6 Feb 2019 15:23
 Operator : JC/SP
 Sample : VN0206WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2019 11:04:26 AM

Quant Time: Feb 07 04:34:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1030695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	428548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	353339	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	
35) Dibromofluoromethane	7.59	113	336180	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.09	98	1239928	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	412069	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	142747	20.712	ug/l	100
3) Chloromethane	2.06	50	156378	21.339	ug/l	99
4) Vinyl Chloride	2.19	62	154185	21.674	ug/l	98
5) Bromomethane	2.58	94	102005	21.930	ug/l	97
6) Chloroethane	2.71	64	88891	21.866	ug/l	98
7) Trichlorofluoromethane	3.02	101	210788	21.850	ug/l	100
8) Diethyl Ether	3.42	74	76440	21.697	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	126372	21.181	ug/l	99
10) Methyl Iodide	3.96	142	197755	21.118	ug/l	100
11) Tert butyl alcohol	4.78	59	40930	111.684	ug/l #	93
12) 1,1-Dichloroethene	3.74	96	123083	21.533	ug/l	97
13) Acrolein	3.61	56	28494	142.803	ug/l	97
14) Allyl chloride	4.33	41	191771	21.071	ug/l	98
15) Acrylonitrile	4.99	53	220629	111.516	ug/l	99
16) Acetone	3.81	43	147407	92.804	ug/l	98
17) Carbon Disulfide	4.06	76	356056	20.005	ug/l	100
18) Methyl Acetate	4.33	43	109571	23.293	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	325010	22.429	ug/l	98
20) Methylene Chloride	4.55	84	142877	21.441	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	132204	21.438	ug/l	97
22) Diisopropyl ether	5.95	45	373106	22.125	ug/l	97
23) Vinyl Acetate	5.90	43	1292565	110.796	ug/l	100
24) 1,1-Dichloroethane	5.85	63	244816	21.765	ug/l	99
25) 2-Butanone	6.84	43	238262	105.176	ug/l	99
26) 2,2-Dichloropropane	6.83	77	171873	20.017	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	149610	21.818	ug/l	98
28) Bromochloromethane	7.20	49	104900	21.491	ug/l	97
29) Tetrahydrofuran	7.21	42	160446	110.298	ug/l	98
30) Chloroform	7.37	83	243328	21.823	ug/l	99
31) Cyclohexane	7.65	56	216242	20.549	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	200459	21.603	ug/l	100
36) 1,1-Dichloropropene	7.79	75	172072	18.520	ug/l	97
37) Ethyl Acetate	6.93	43	109560	21.113	ug/l	98
38) Carbon Tetrachloride	7.78	117	179643	19.193	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	198207	17.981	ug/l	99
40) Benzene	8.04	78	565411	19.734	ug/l	99
41) Methacrylonitrile	7.17	41	59525	20.525	ug/l	91
42) 1,2-Dichloroethane	8.13	62	166226	19.540	ug/l	98
43) Isopropyl Acetate	8.17	43	210271	20.982	ug/l #	84
44) Trichloroethene	8.84	130	151521	18.576	ug/l	100
45) 1,2-Dichloropropane	9.12	63	145822	19.899	ug/l	99
46) Dibromomethane	9.21	93	87986	19.917	ug/l	98
47) Bromodichloromethane	9.40	83	181619	19.773	ug/l	97
48) Methyl methacrylate	9.20	41	90089	18.833	ug/l	94
49) 1,4-Dioxane	9.20	88	26629	408.257	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	500468	101.629	ug/l	99
52) Toluene	10.16	92	340787	20.041	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	175495	19.081	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	210743	19.336	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	125529	20.487	ug/l	98
56) Ethyl methacrylate	10.43	69	143260	19.764	ug/l	99
57) 1,3-Dichloropropane	10.71	76	210518	20.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	384371	90.772	ug/l	98
59) 2-Hexanone	10.75	43	314553	94.091	ug/l	99
60) Dibromochloromethane	10.90	129	137919	19.960	ug/l	100
61) 1,2-Dibromoethane	11.01	107	117812	19.426	ug/l	100
64) Tetrachloroethene	10.63	164	145651	18.961	ug/l	98
65) Chlorobenzene	11.44	112	366476	19.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	134042	20.164	ug/l	99
67) Ethyl Benzene	11.51	91	614694	19.660	ug/l	99
68) m/p-Xylenes	11.62	106	478195	40.072	ug/l	99
69) o-Xylene	11.95	106	231659	20.094	ug/l	99
70) Styrene	11.96	104	377177	20.185	ug/l	99
71) Bromoform	12.13	173	93816	20.586	ug/l #	98
73) Isopropylbenzene	12.25	105	609848	20.243	ug/l	100
74) N-amyl acetate	12.07	43	148763	20.535	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	141510	19.627	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	119746m	21.754	ug/l	
77) Bromobenzene	12.53	156	161914	19.942	ug/l	98
78) n-propylbenzene	12.59	91	697058	20.015	ug/l	100
79) 2-Chlorotoluene	12.68	91	417437	20.203	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	517433	20.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36161	18.473	ug/l	98
82) 4-Chlorotoluene	12.77	91	420869	19.851	ug/l	100
83) tert-Butylbenzene	12.99	119	458297	20.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	526872	20.701	ug/l	99
85) sec-Butylbenzene	13.17	105	624261	20.777	ug/l	100
86) p-Isopropyltoluene	13.29	119	535312	20.371	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	284351	19.482	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	280480	19.427	ug/l	100
89) n-Butylbenzene	13.62	91	438598	19.283	ug/l	100
90) Hexachloroethane	13.87	117	87337	20.149	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	281729	20.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22245	21.649	ug/l	95

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QLast Update : Fri Feb 01 09:11:52 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	152059	18.974	ug/l	100
94) Hexachlorobutadiene	15.01	225	99606	19.958	ug/l	98
95) Naphthalene	15.13	128	319000	18.093	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	144886	19.485	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

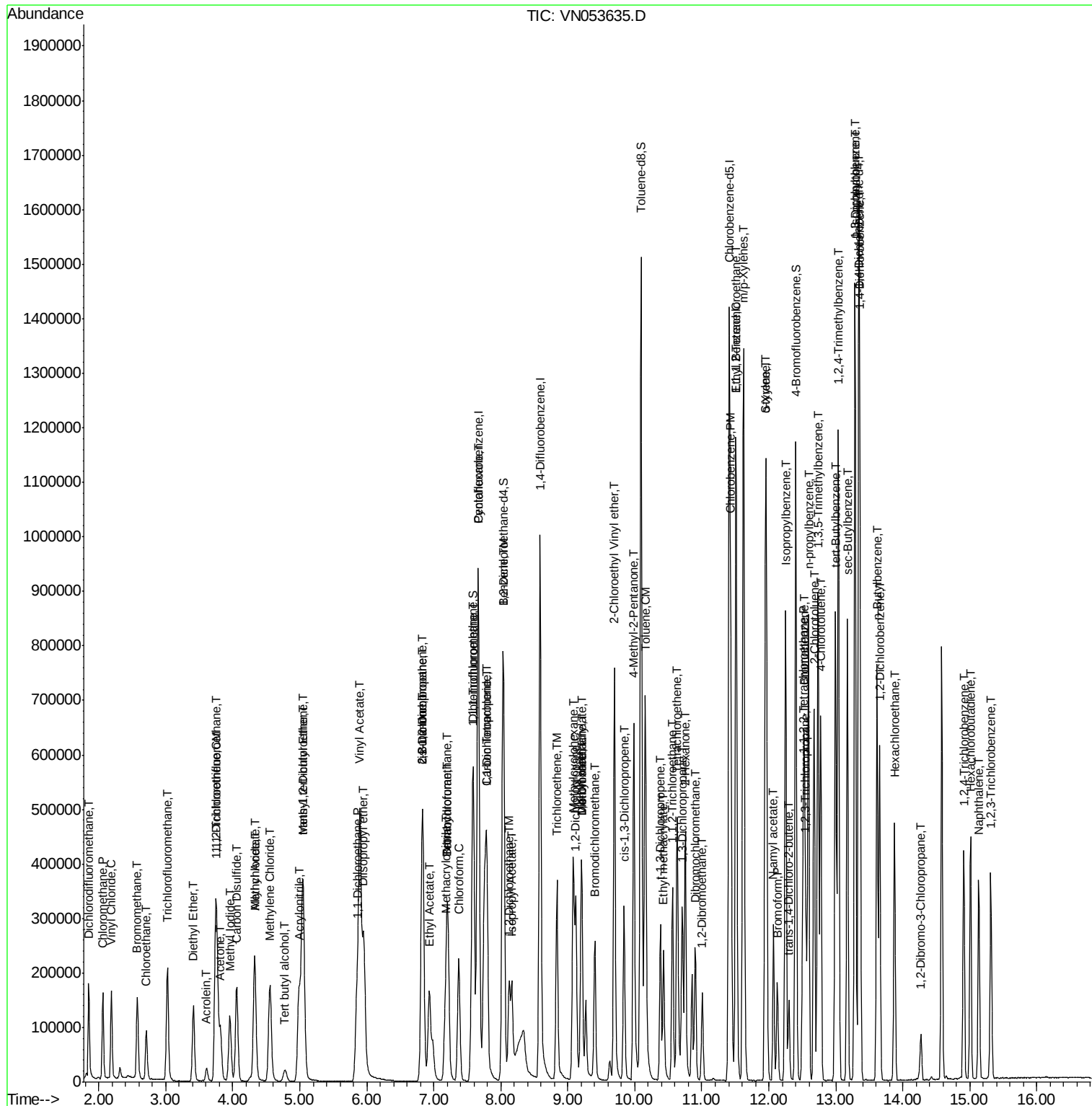
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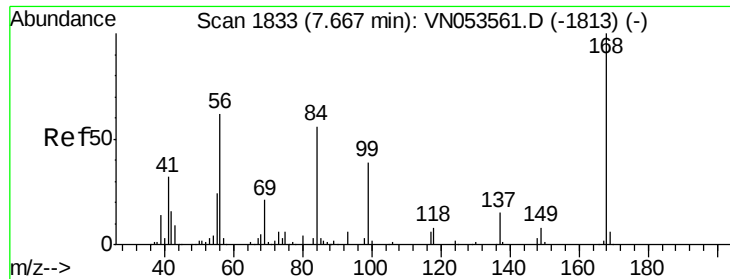
Instrument :
 MSVOA_N
 Client Sampled :
 VN0206WBSD01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

Tot Ion:168 Resp: 617270

Ion Ratio Lower Upper

168 100

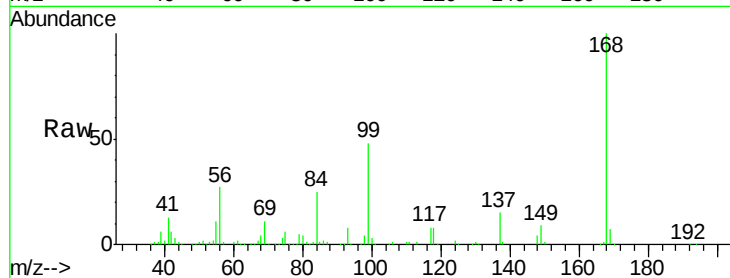
99 46.4 39.1 58.7

Manual Integrations

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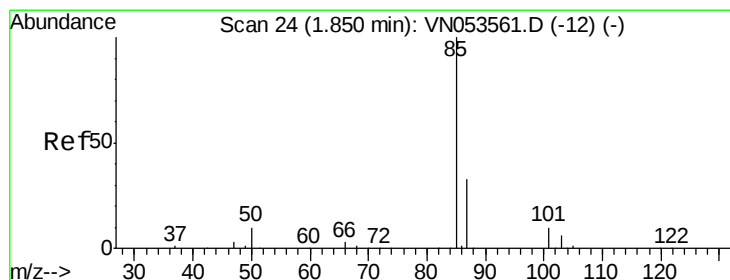
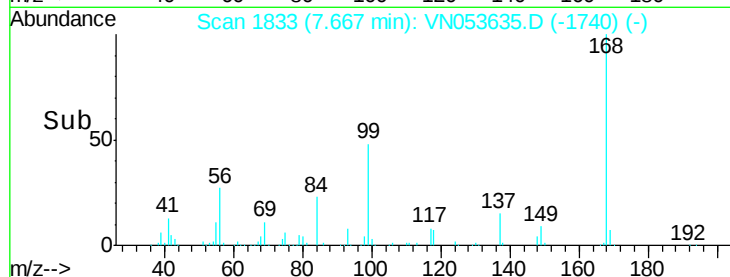
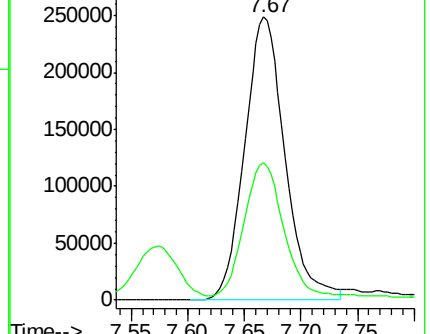
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.712 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053635.D

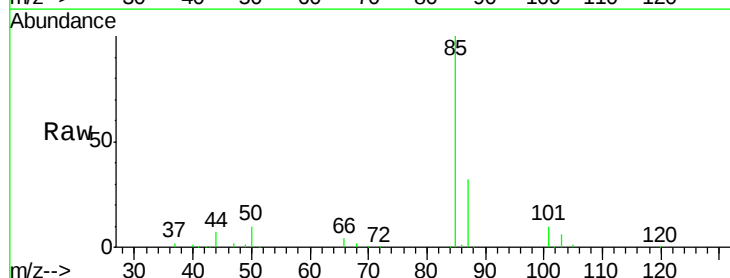
Acq: 6 Feb 2019 15:23

Tgt Ion: 85 Resp: 142747

Ion Ratio Lower Upper

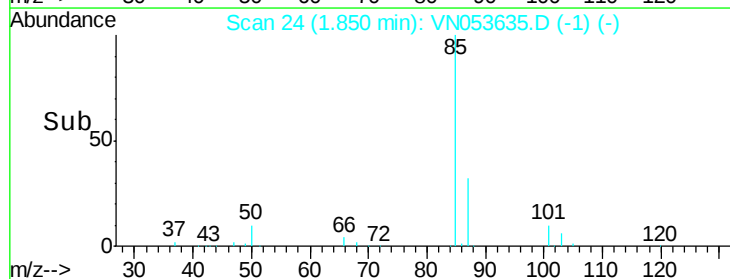
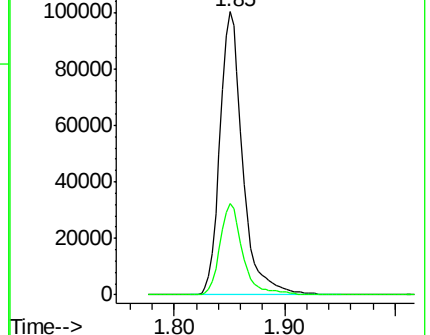
85 100

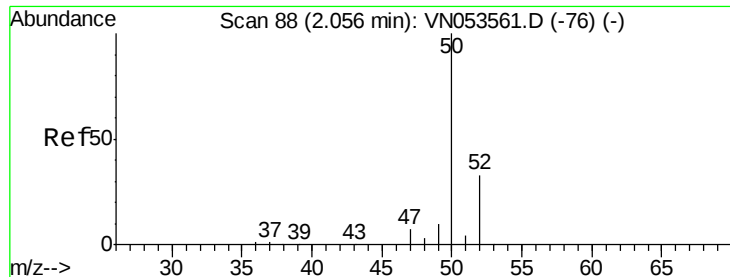
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 21.339 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

Tot Ion: 50 Resp: 156378

Ion Ratio Lower Upper

50 100

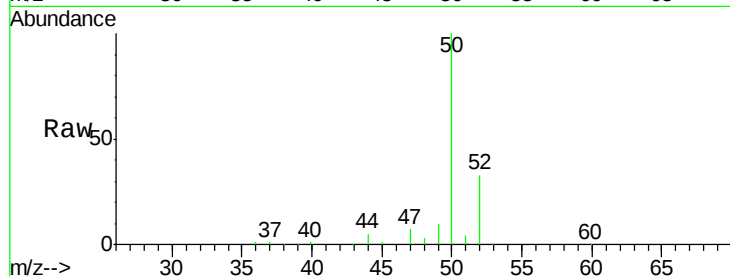
52 32.9 26.6 40.0

Manual Integrations

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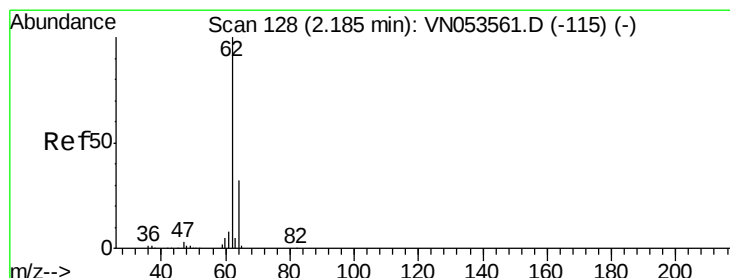
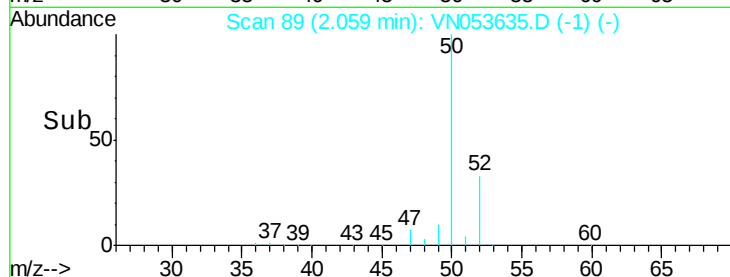
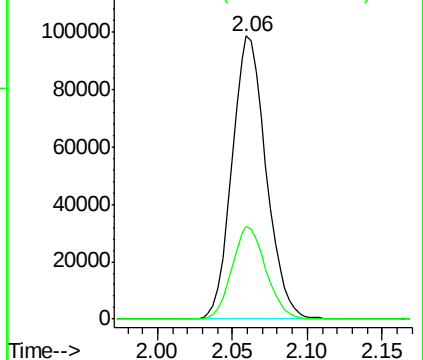
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 21.674 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053635.D

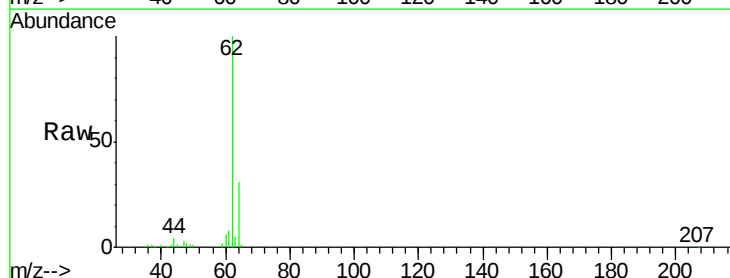
Acq: 6 Feb 2019 15:23

Tgt Ion: 62 Resp: 154185

Ion Ratio Lower Upper

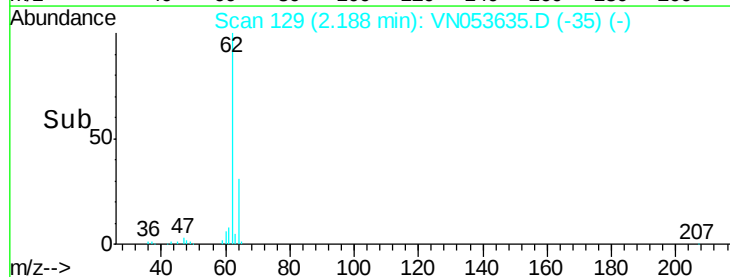
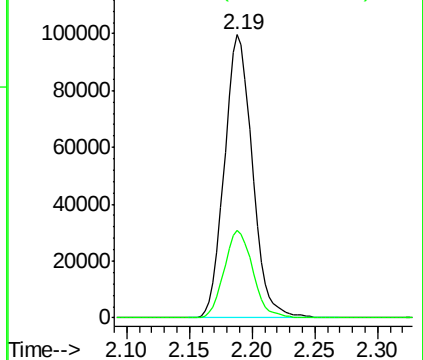
62 100

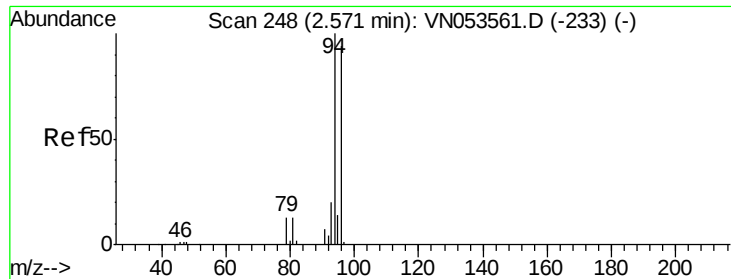
64 30.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 21.930 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

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Tot Ion: 94 Resp: 102005

Ion Ratio Lower Upper

94 100

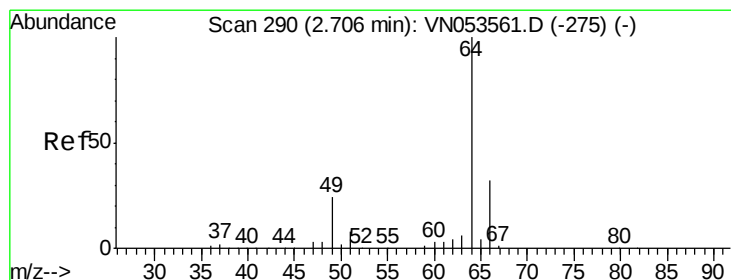
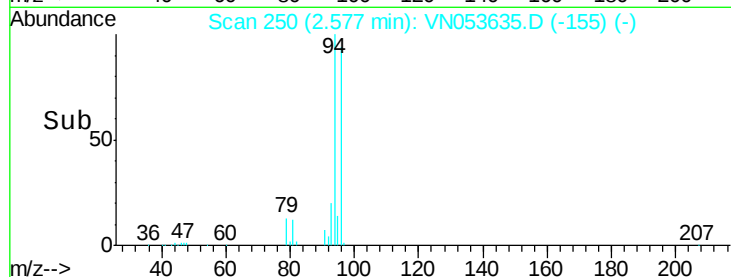
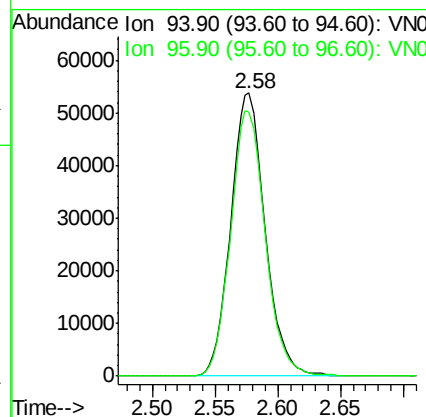
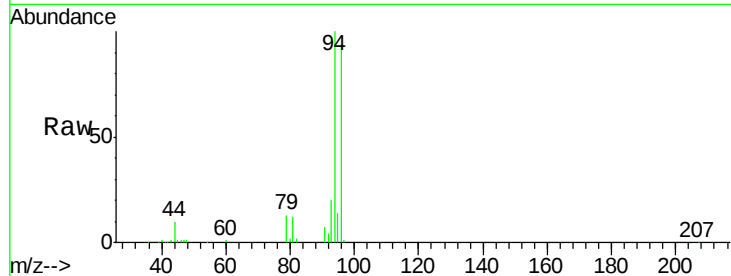
96 93.5 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 21.866 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053635.D

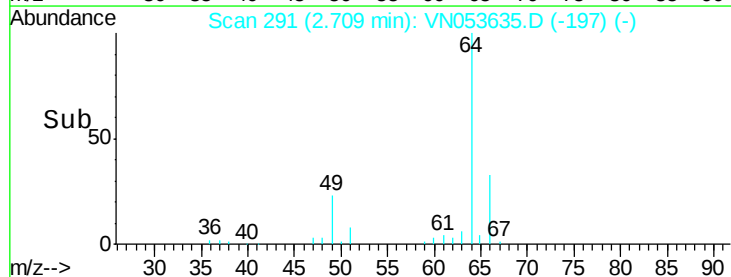
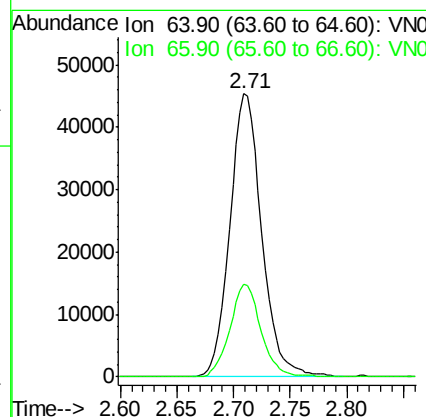
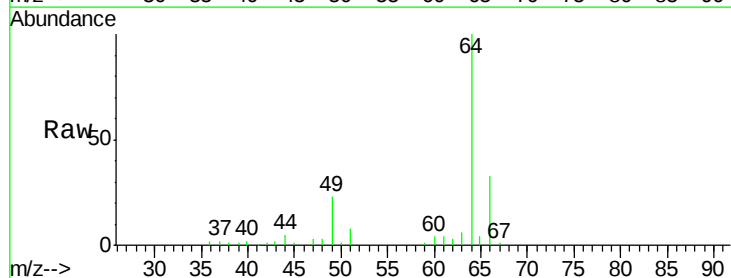
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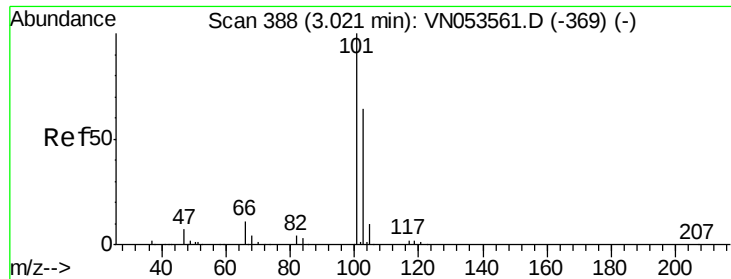
Tgt Ion: 64 Resp: 88891

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7





#7

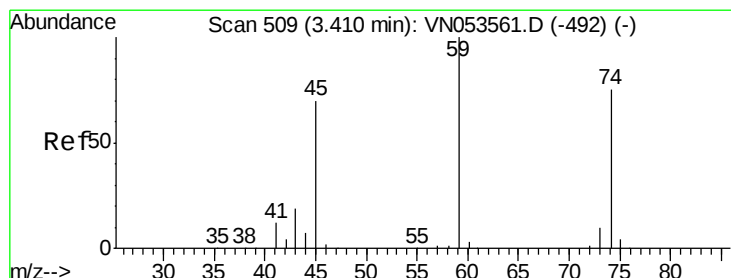
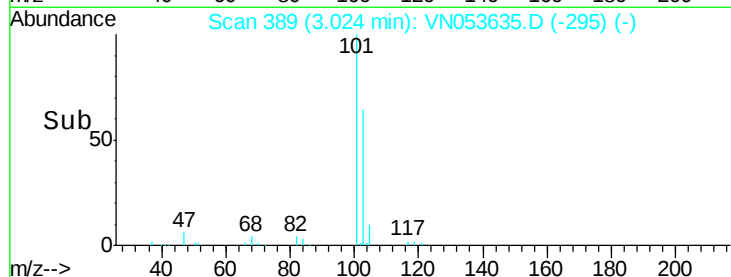
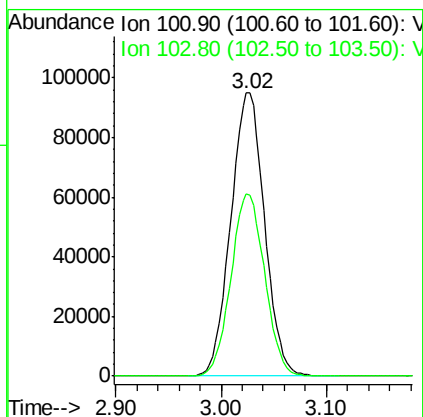
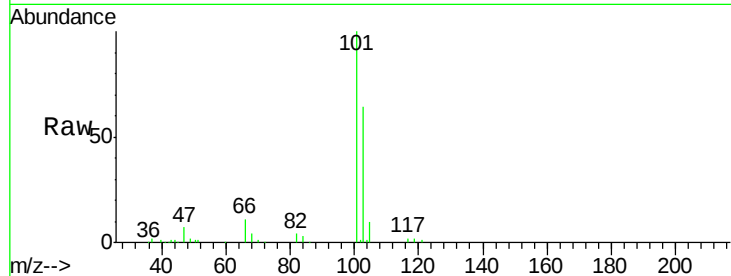
Trichlorofluoromethane
 Concen: 21.850 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053635.D
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 ClientSampled :
 VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.6	77.4

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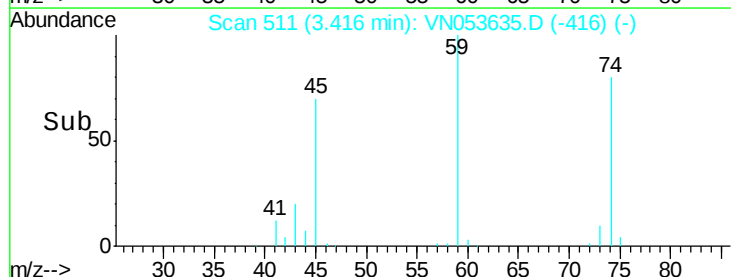
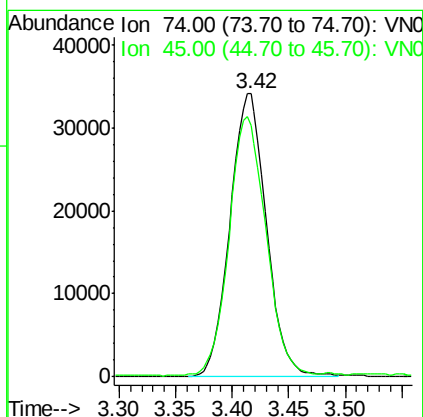
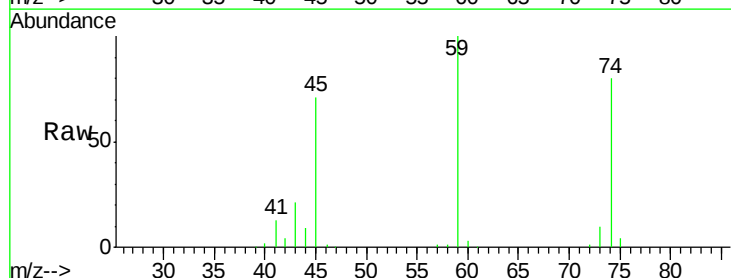
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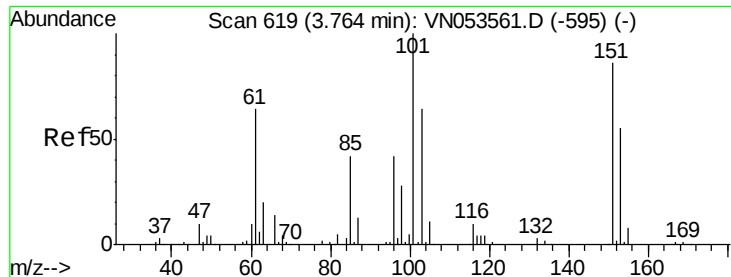


#8

Diethyl Ether
 Concen: 21.697 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	47.9	143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.181 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

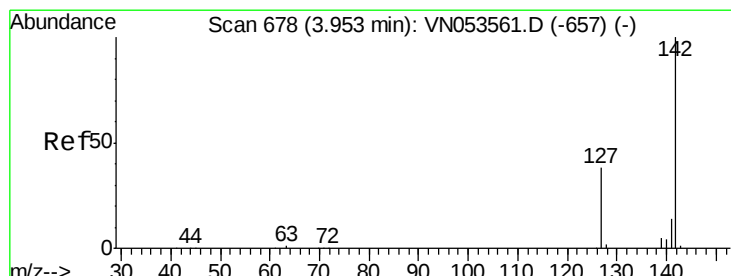
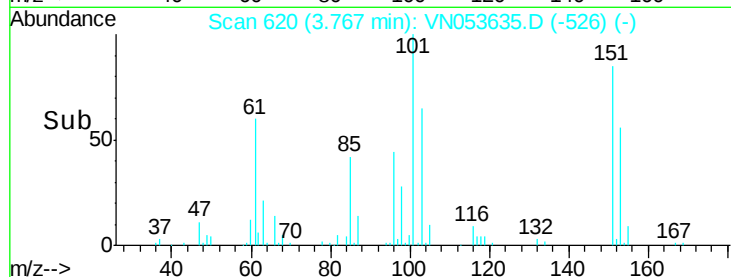
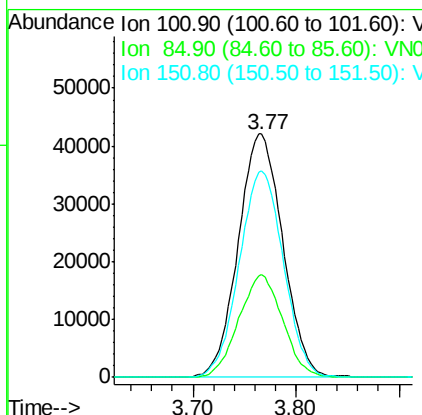
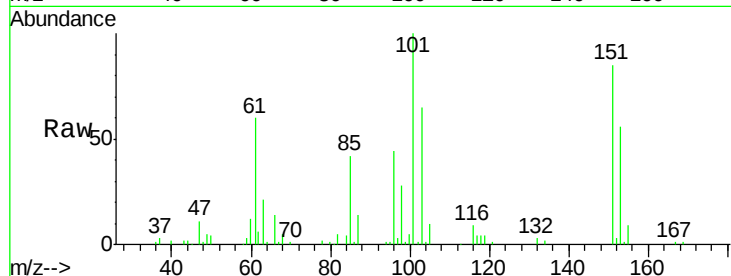
ClientSampleId :

VN0206WBSD01

Tot Ion:	101	Resp:	126372
Ion Ratio	Lower	Upper	
101	100		
85	41.4	32.8	49.2
151	84.2	66.9	100.3

Manual Integrations
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#10

Methyl Iodide

Concen: 21.118 ug/l

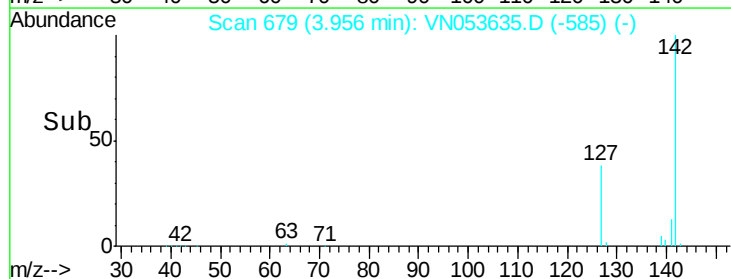
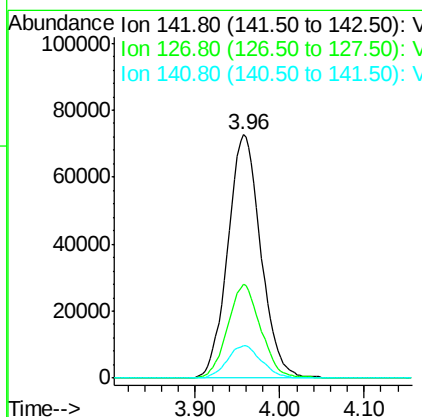
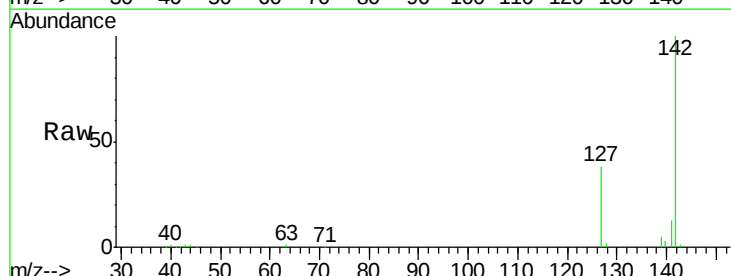
RT: 3.96 min Scan# 679

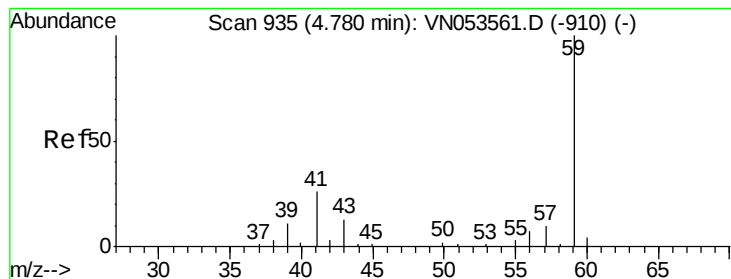
Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	142	Resp:	197755
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.0	46.4
141	13.9	11.1	16.7





#11

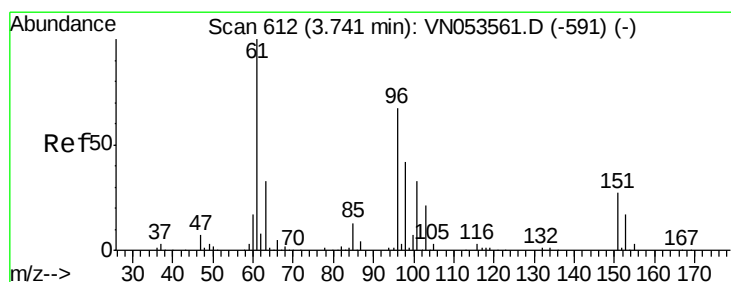
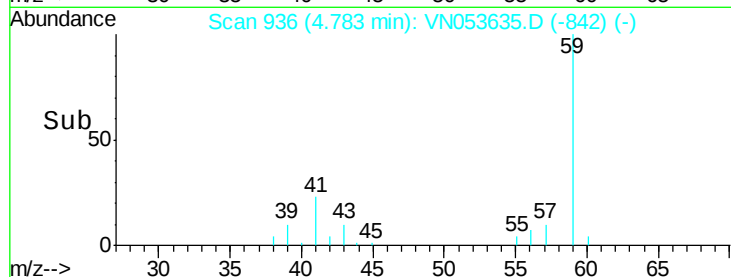
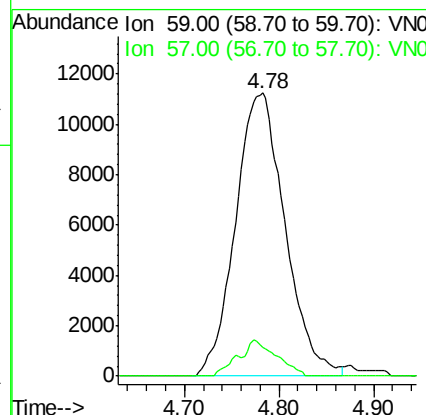
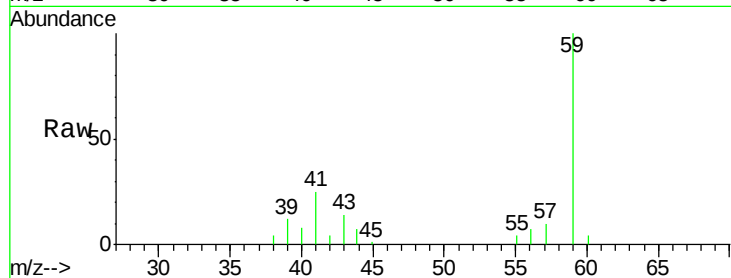
Tert butyl alcohol
Concen: 111.684 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.6	8.2	12.4#

Manual Integrations
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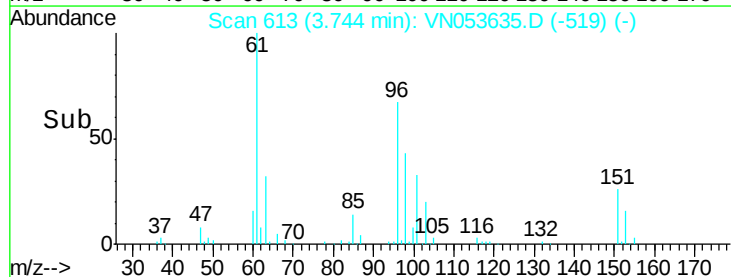
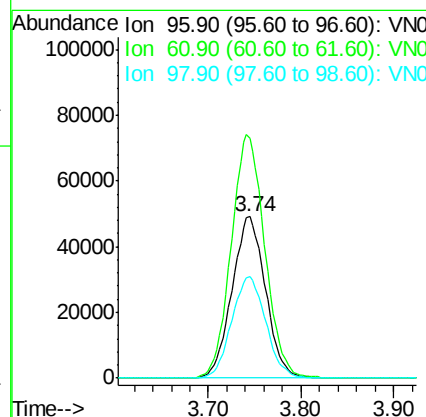
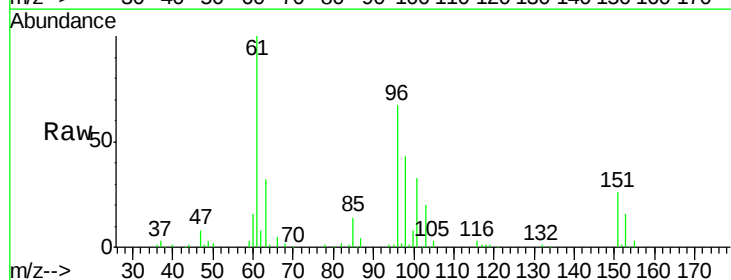
MMDadoda
2/7/2019 11:04:26 AM

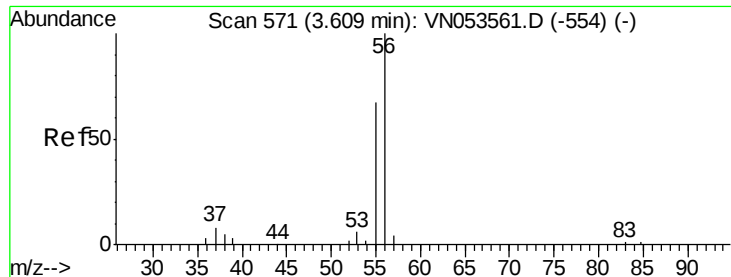


#12

1,1-Dichloroethene
Concen: 21.533 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	122.9	184.3
98	63.2	49.4	74.0





#13

Acrolein

Concen: 142.803 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

Tot Ion: 56 Resp: 28494

Ion Ratio Lower Upper

56 100

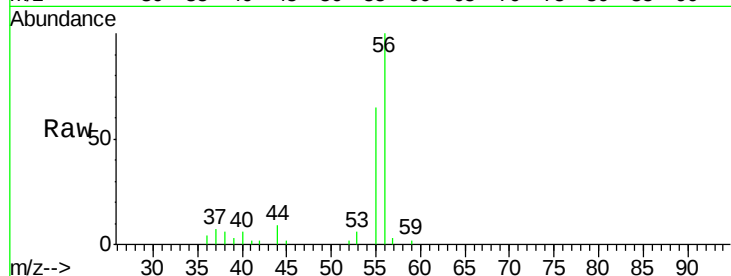
55 69.0 57.4 86.0

Manual Integrations

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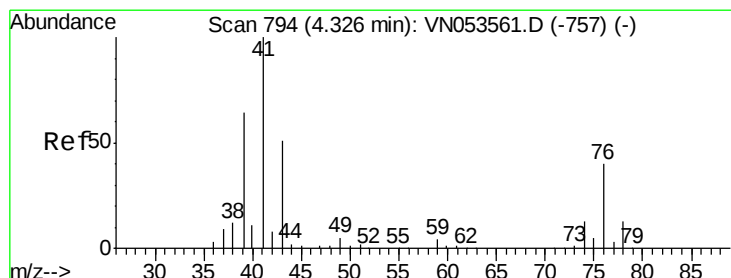
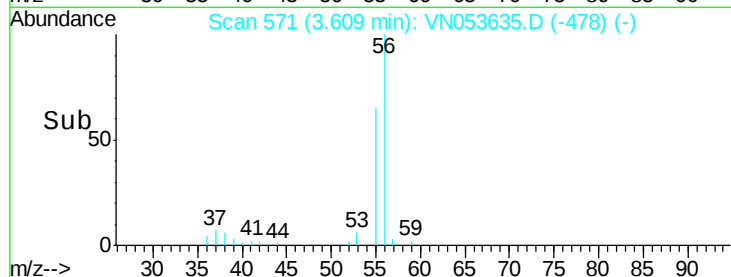
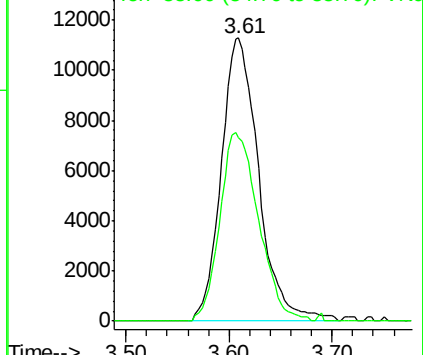
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 21.071 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

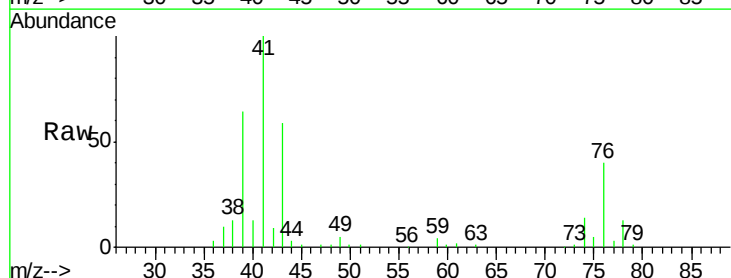
Tgt Ion: 41 Resp: 191771

Ion Ratio Lower Upper

41 100

39 61.8 48.9 73.3

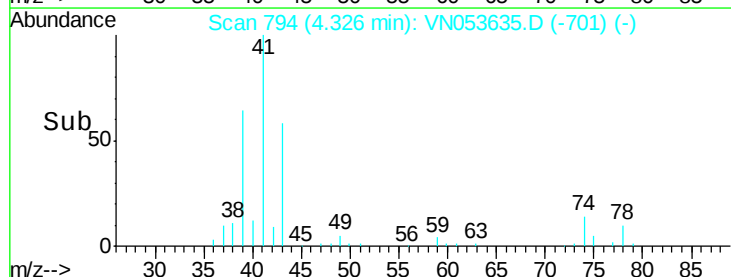
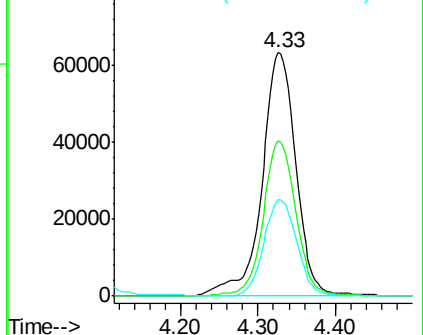
76 38.9 29.4 44.2

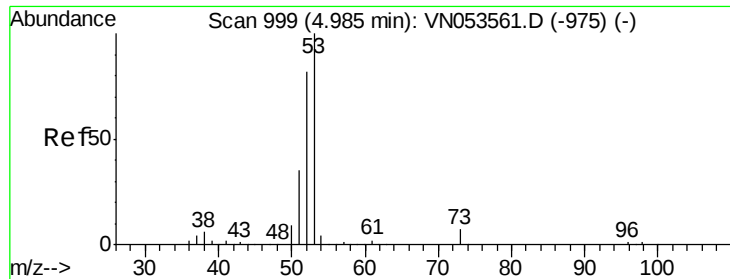


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 111.516 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

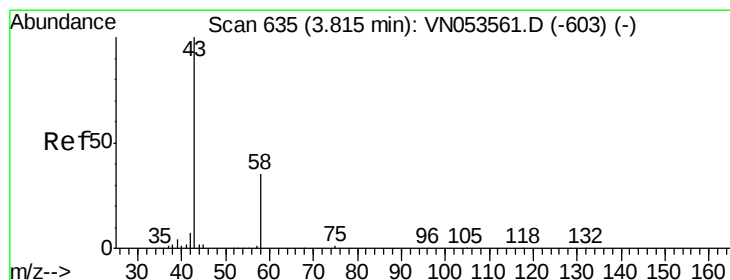
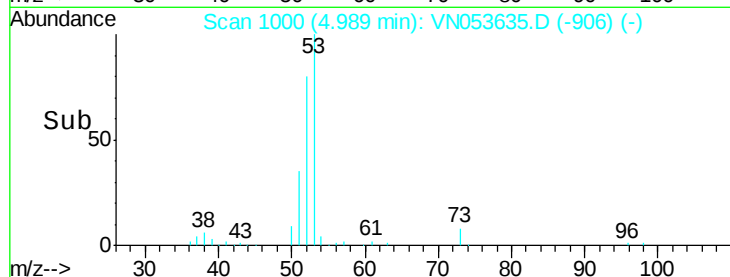
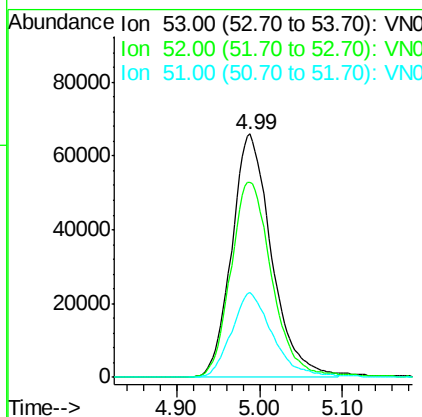
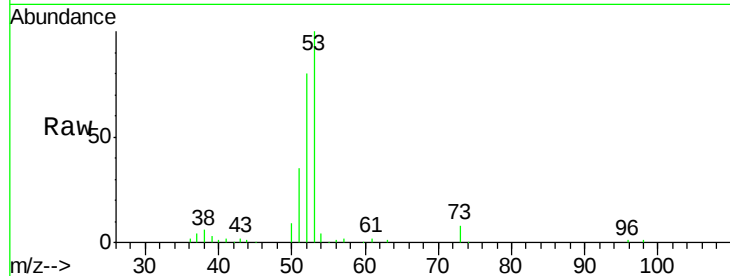
ClientSampled :

VN0206WBSD01

Tot Ion:	53	Resp:	220629
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	36.1	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 92.804 ug/l

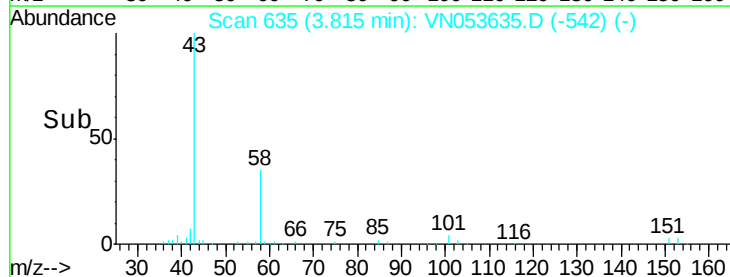
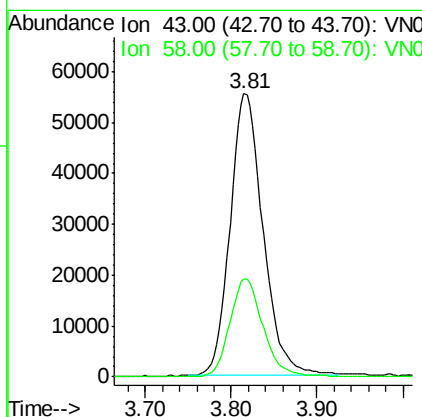
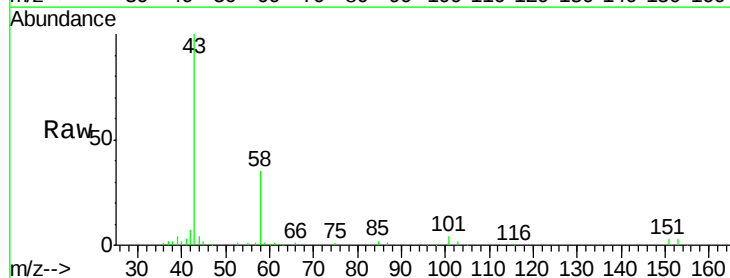
RT: 3.81 min Scan# 635

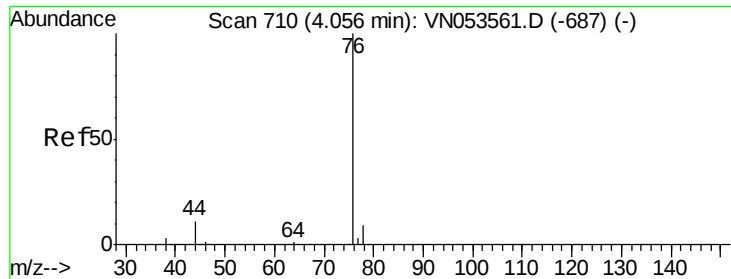
Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	43	Resp:	147407
Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.1	40.7





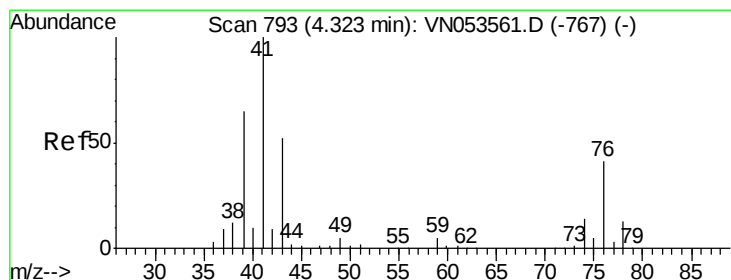
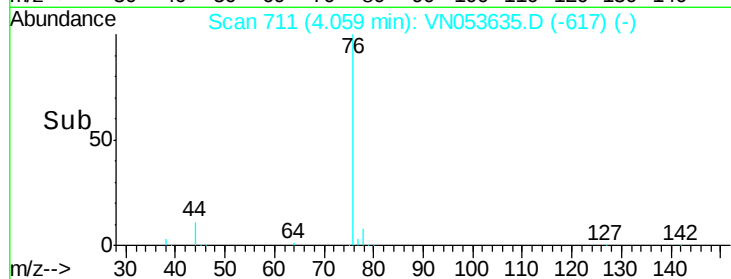
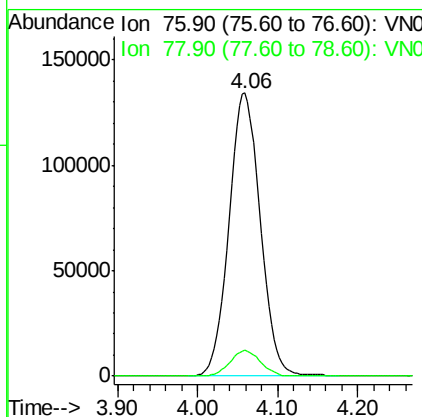
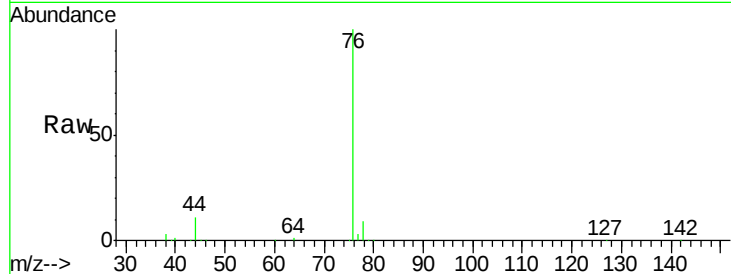
#17
Carbon Disulfide
Concen: 20.005 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

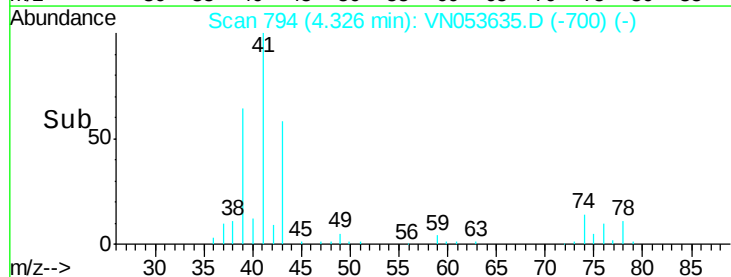
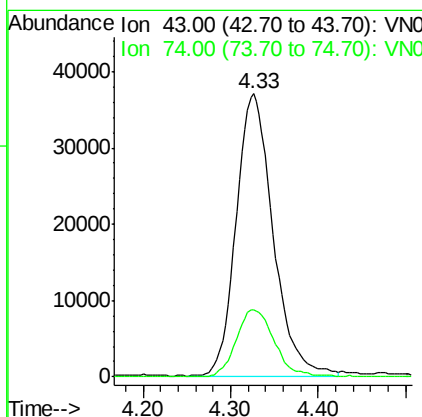
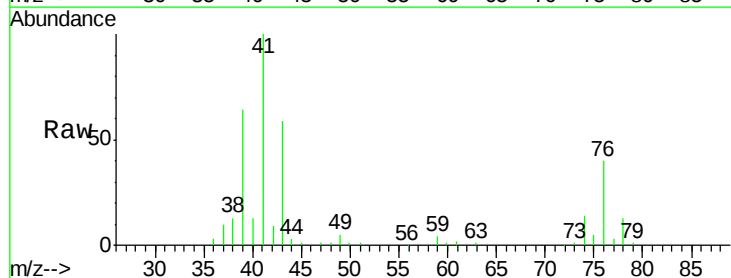
Manual Integrations
APPROVED

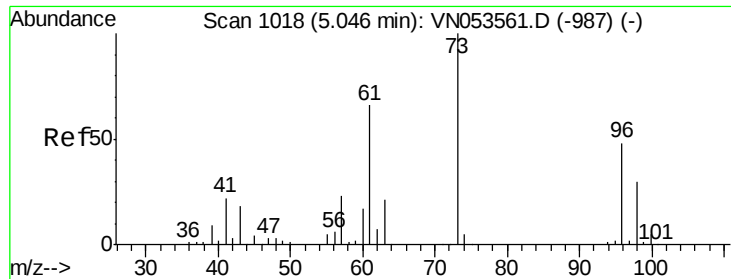
MMDadoda
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#18
Methyl Acetate
Concen: 23.293 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.2





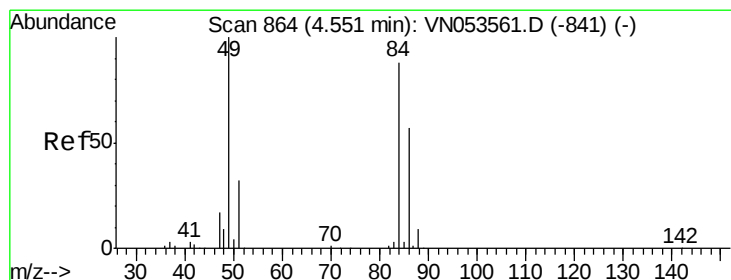
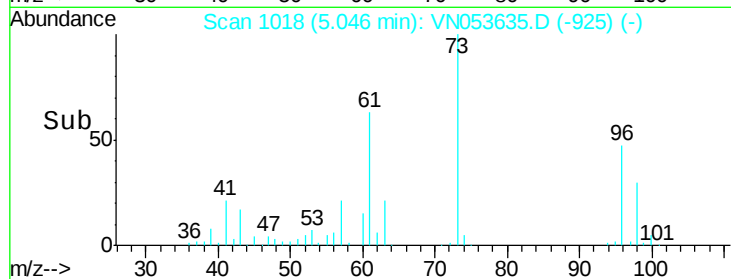
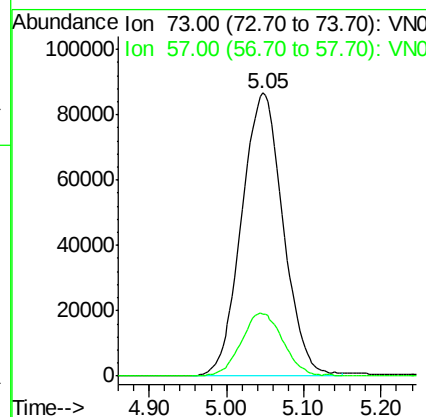
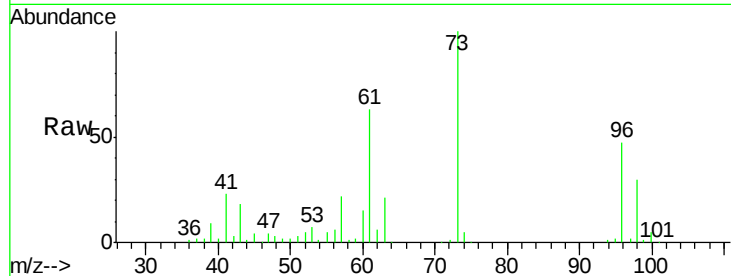
#19
Methyl tert-butyl Ether
Concen: 22.429 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

Tot Ion: 73 Resp: 325010
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5

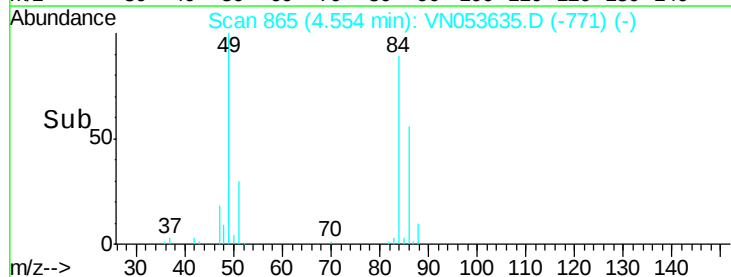
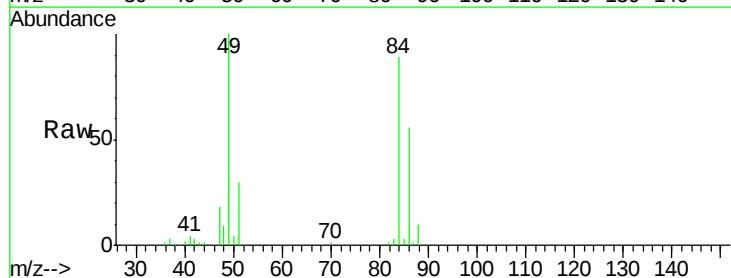
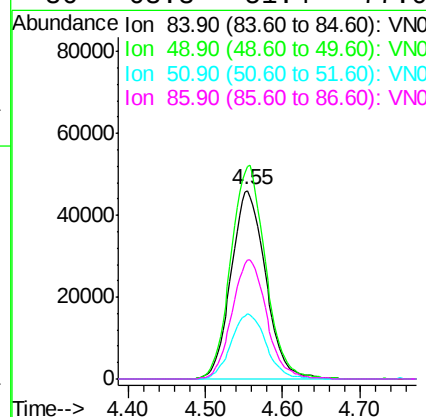
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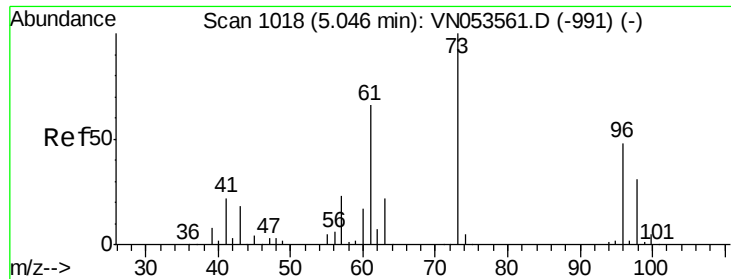
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#20
Methylene Chloride
Concen: 21.441 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion: 84 Resp: 142877
Ion Ratio Lower Upper
84 100
49 112.9 94.3 141.5
51 34.4 29.4 44.2
86 63.3 51.4 77.0





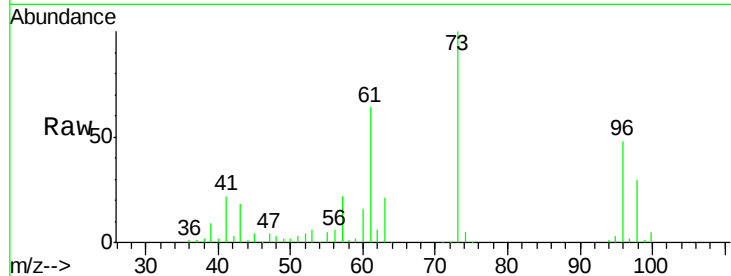
#21
trans-1,2-Dichloroethene
Concen: 21.438 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

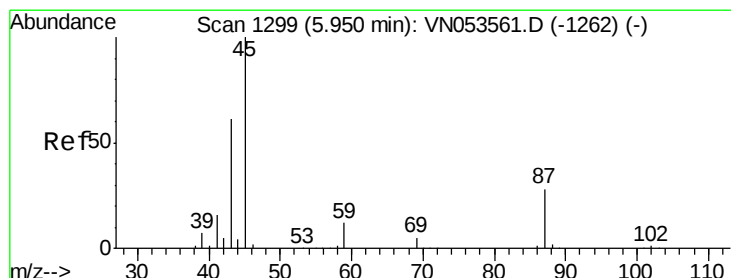
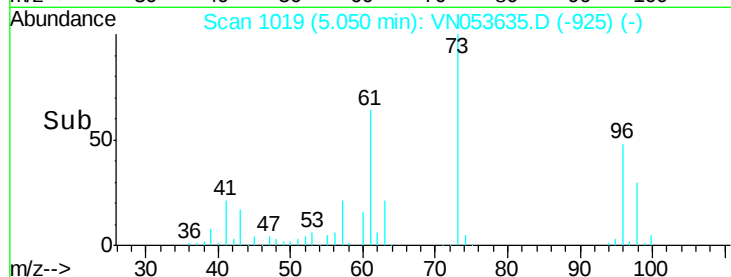
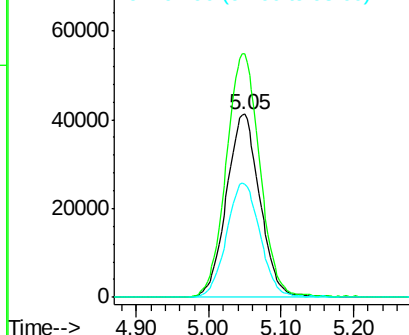
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	110.1	165.1
98	62.0	50.0	75.0

Manual Integrations
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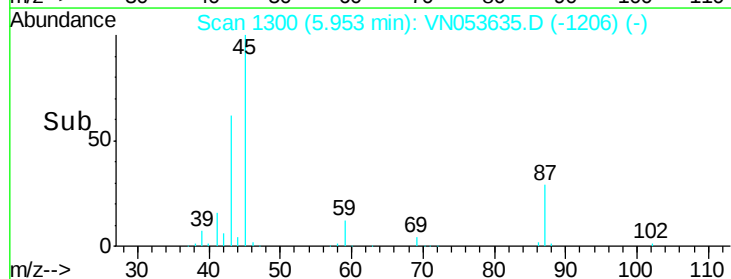
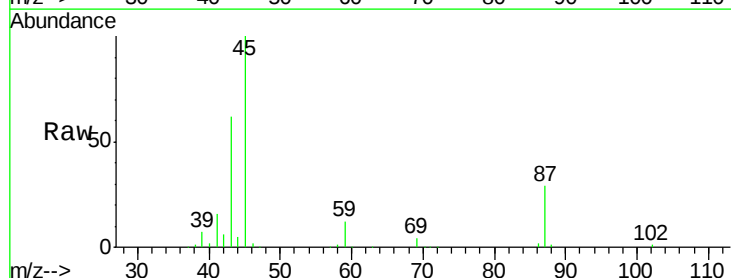
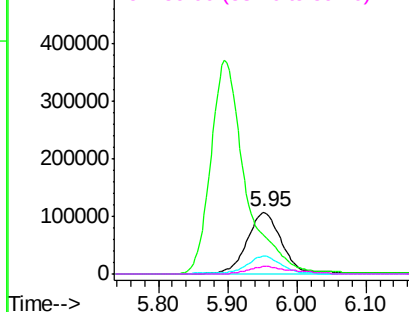
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

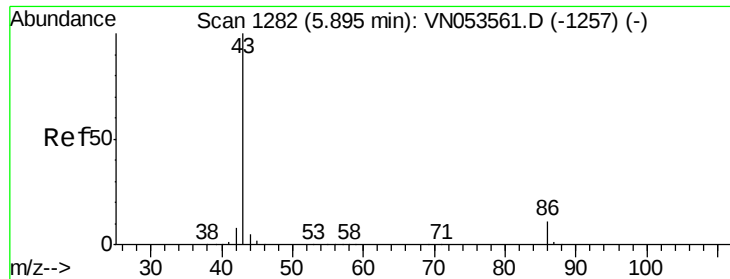


#22
Diisopropyl ether
Concen: 22.125 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.7	44.2	66.4
87	27.9	22.7	34.1
59	11.8	9.4	14.2

Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 110.796 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampled :

VN0206WBSD01

Tot Ion: 43 Resp: 1292565

Ion Ratio Lower Upper

43 100

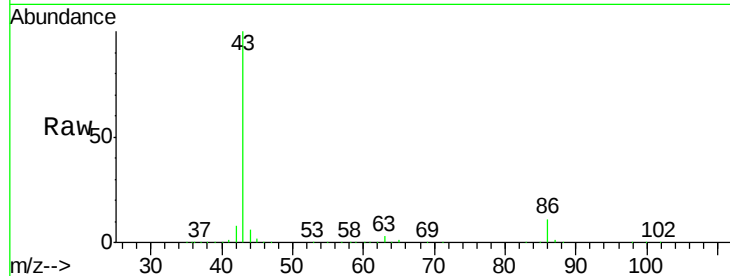
86 10.6 8.4 12.6

Manual Integrations

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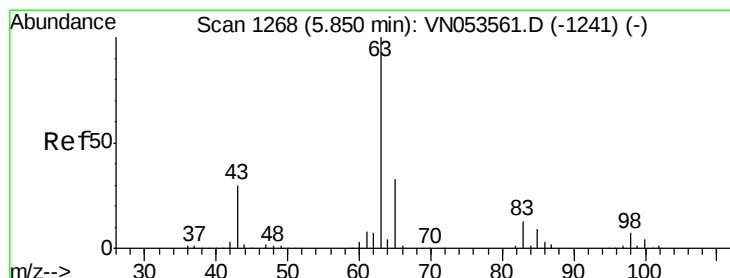
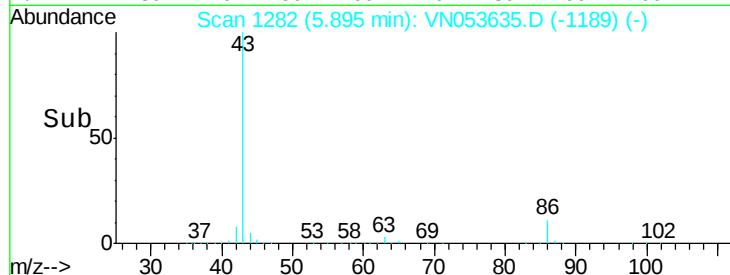
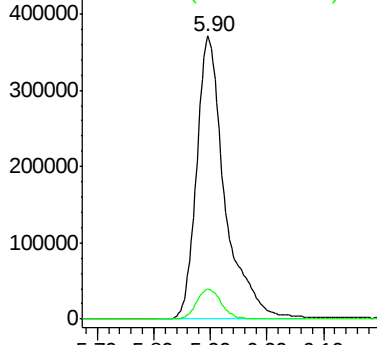
MMDadoda

2/7/2019 11:04:26 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.765 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

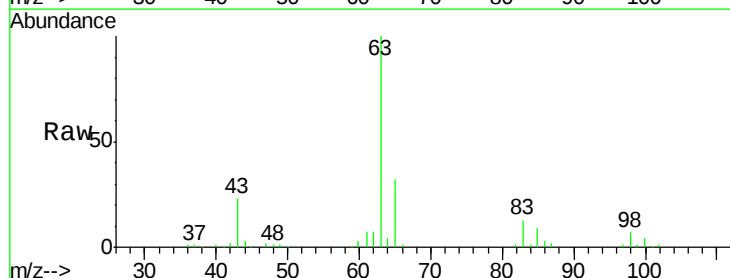
Tgt Ion: 63 Resp: 244816

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

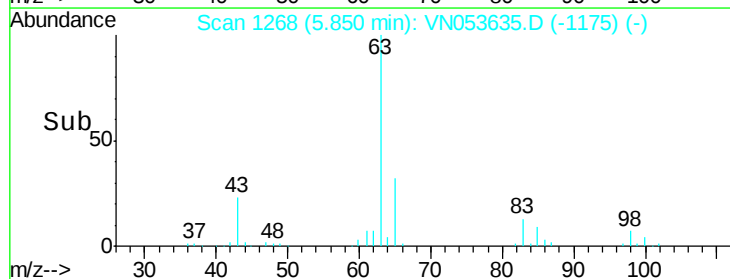
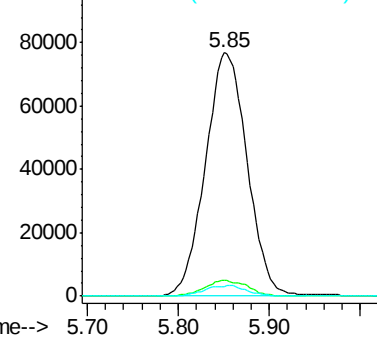
100 3.9 2.1 6.5

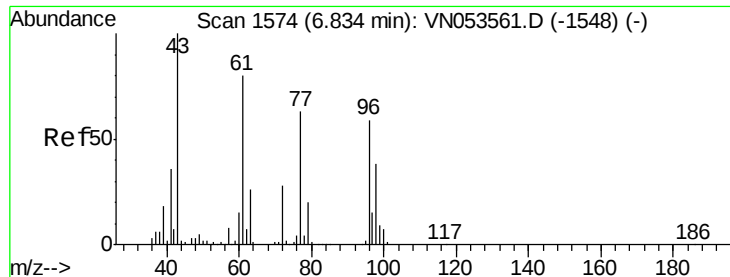


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 105.176 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

Tot Ion: 43 Resp: 238262

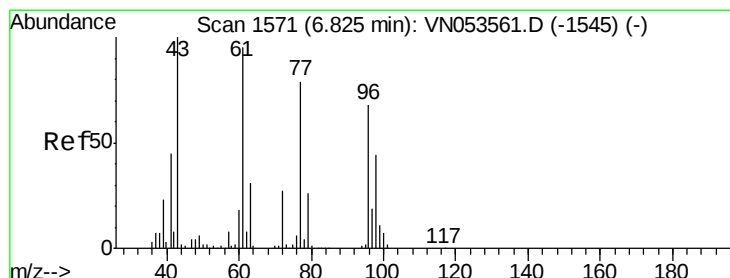
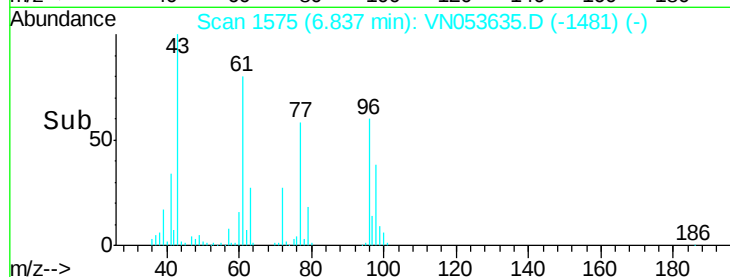
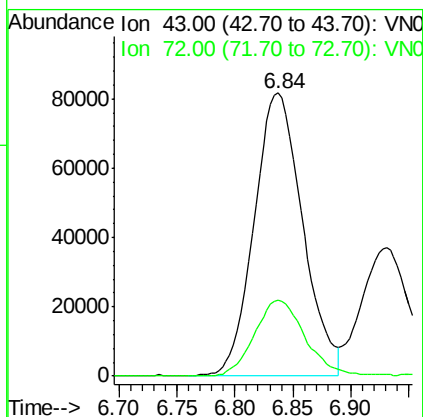
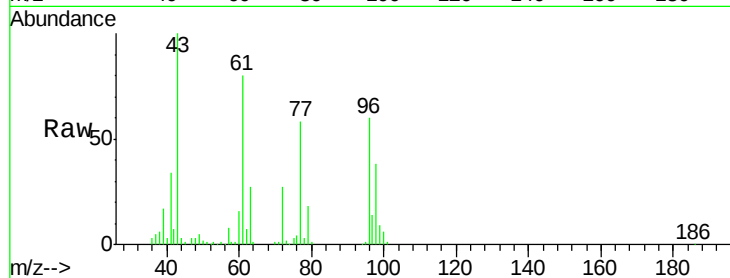
Ion Ratio Lower Upper

43 100

72 26.9 22.0 33.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.017 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053635.D

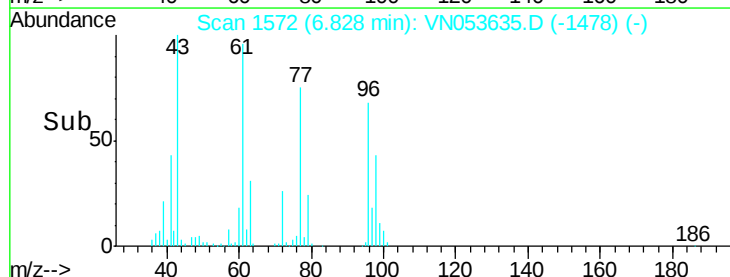
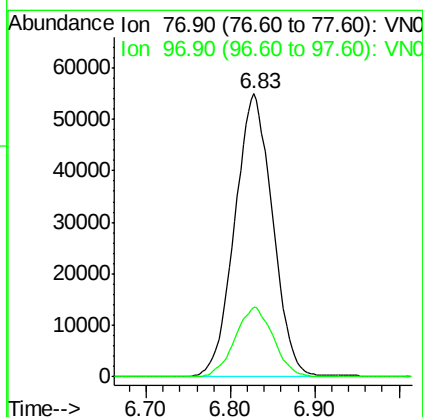
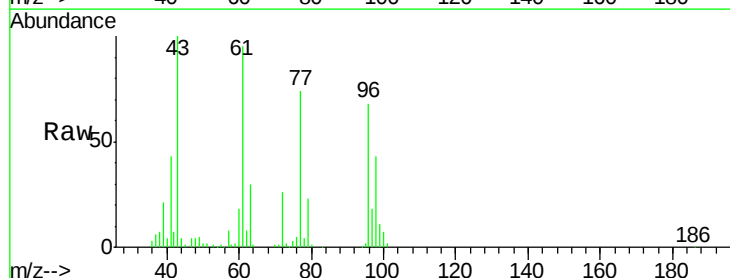
Acq: 6 Feb 2019 15:23

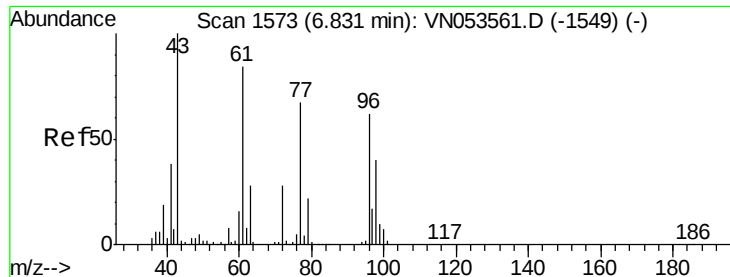
Tgt Ion: 77 Resp: 171873

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 21.818 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

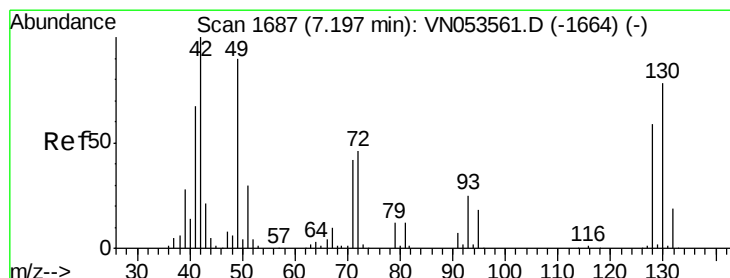
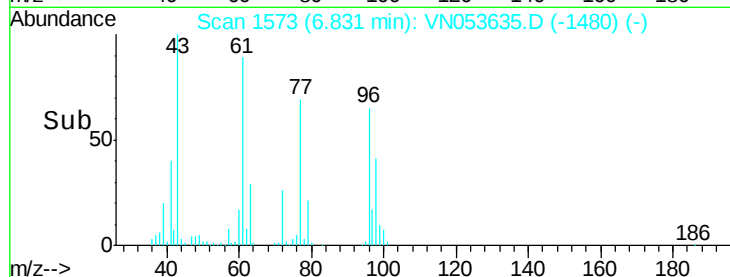
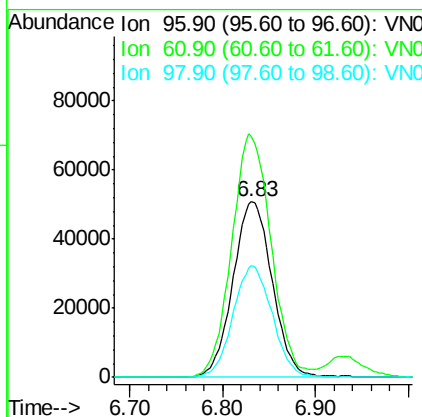
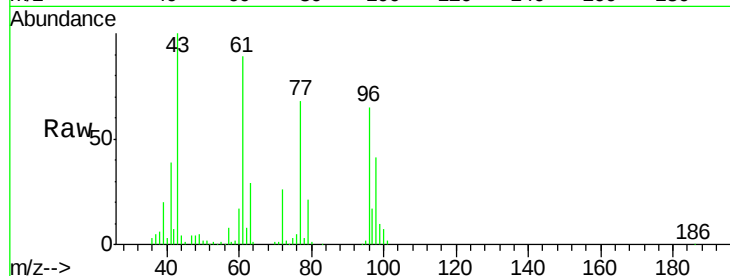
ClientSampleId :

VN0206WBSD01

Tot Ion:	96	Resp:	149610
Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	283.8
98	63.6	0.0	129.2

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#28

Bromochloromethane

Concen: 21.491 ug/l

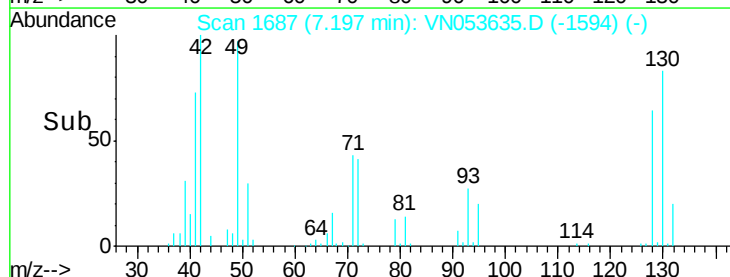
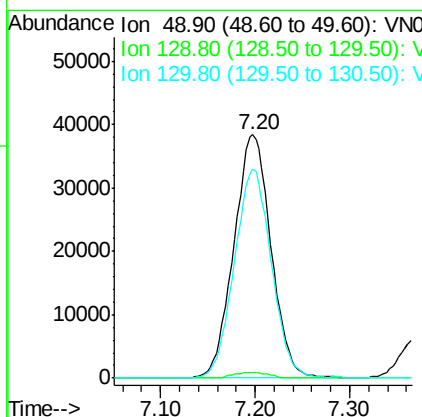
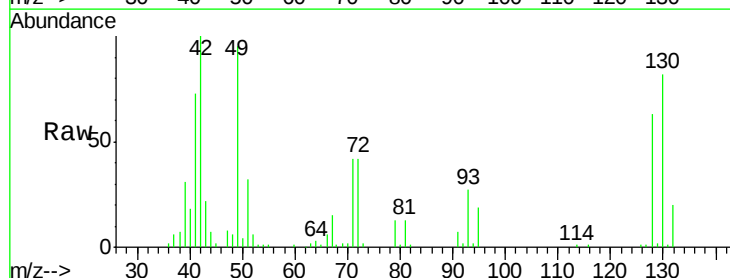
RT: 7.20 min Scan# 1687

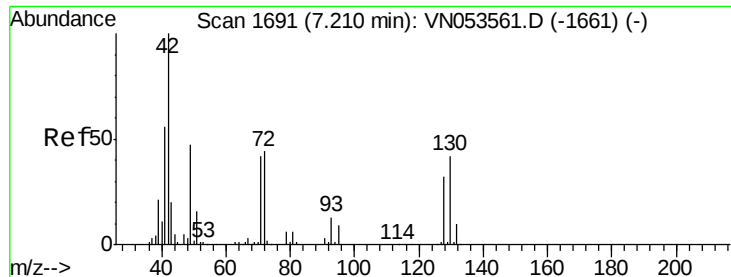
Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	49	Resp:	104900
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	85.7	66.3	99.5





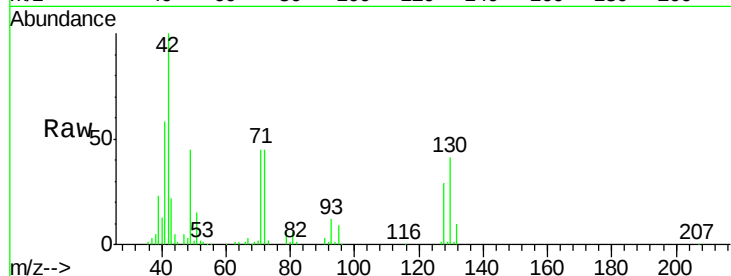
#29
Tetrahydrofuran
Concen: 110.298 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

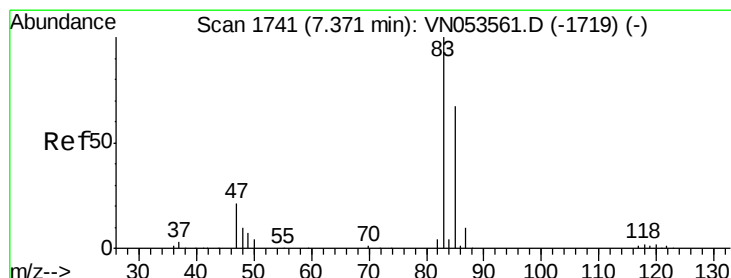
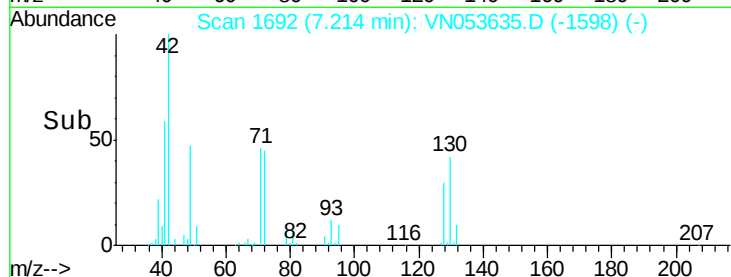
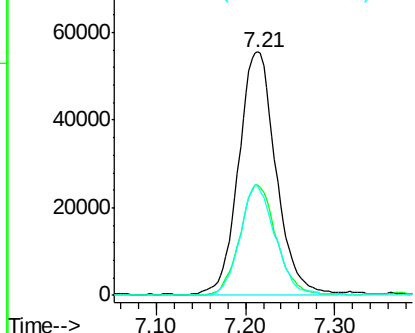
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.2	52.8
71	43.3	33.0	49.4

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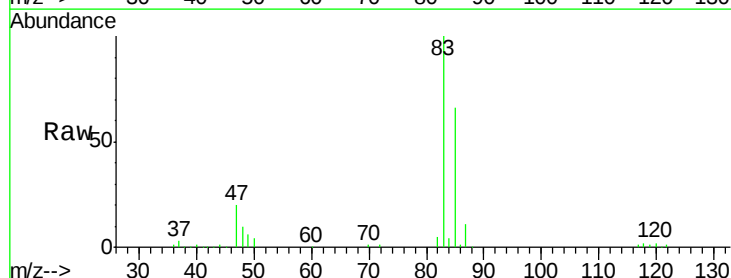


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

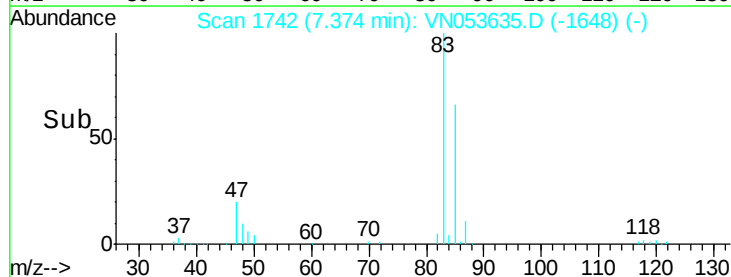
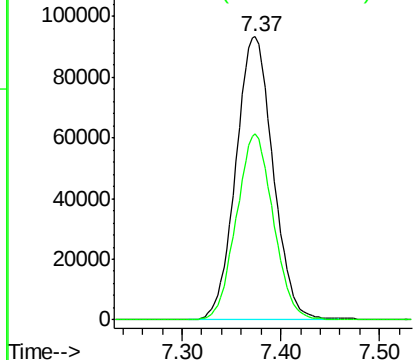


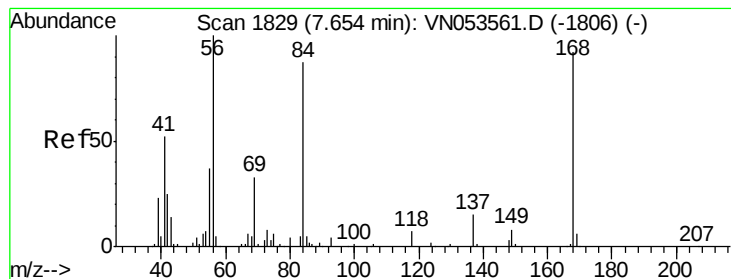
#30
Chloroform
Concen: 21.823 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.2	78.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO





#31

Cyclohexane

Concen: 20.549 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

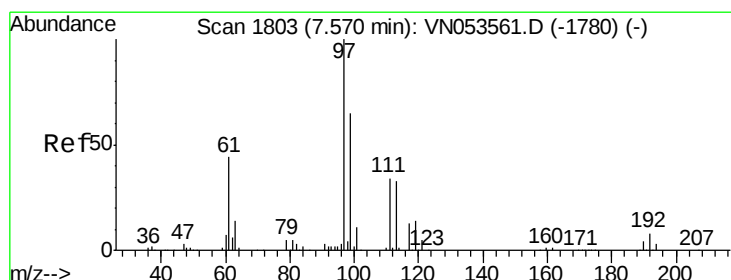
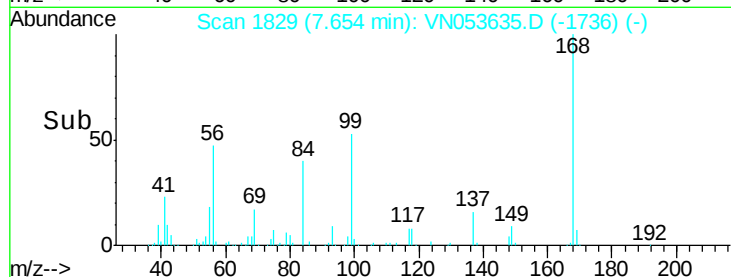
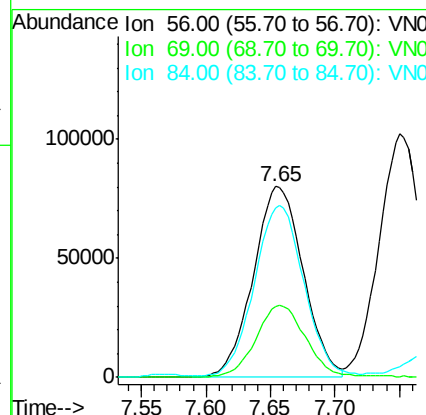
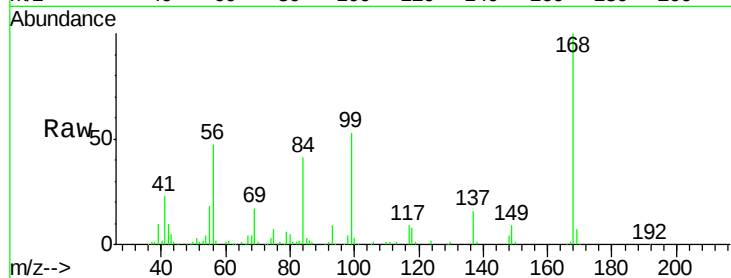
ClientSampled :

VN0206WBSD01

Tot Ion:	56	Resp:	216242
Ion Ratio	Lower	Upper	
56	100		
69	37.3	26.4	39.6
84	87.9	67.9	101.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.603 ug/l

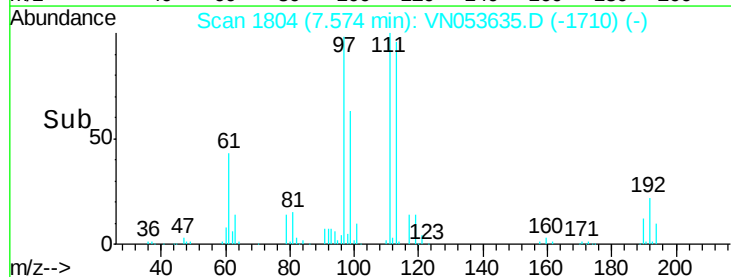
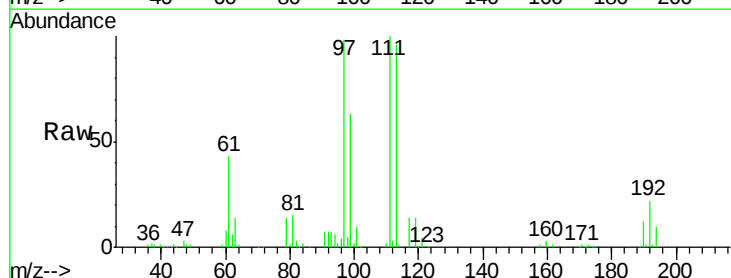
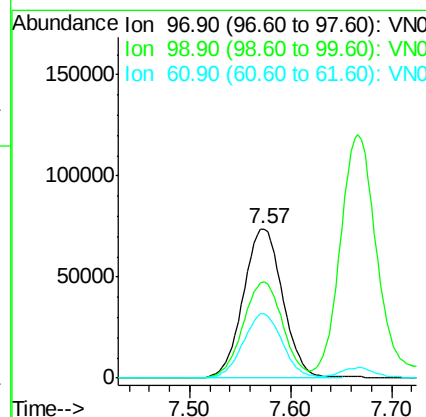
RT: 7.57 min Scan# 1804

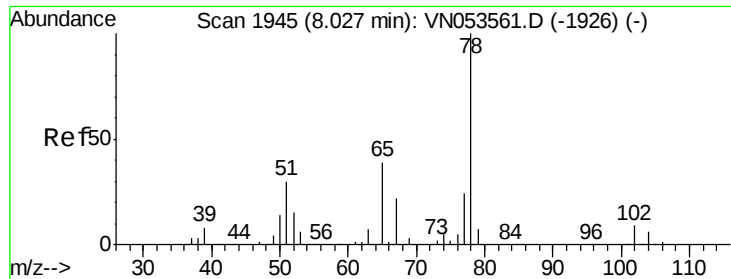
Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	97	Resp:	200459
Ion Ratio	Lower	Upper	
97	100		
99	64.9	52.0	78.0
61	43.0	34.4	51.6





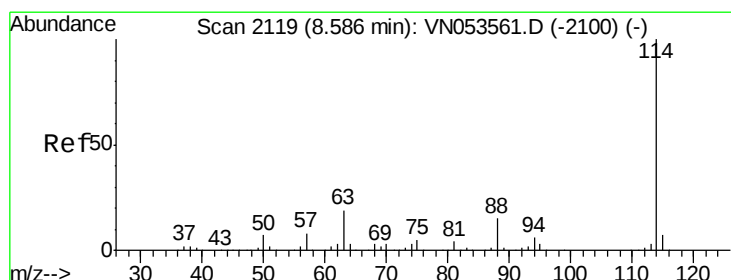
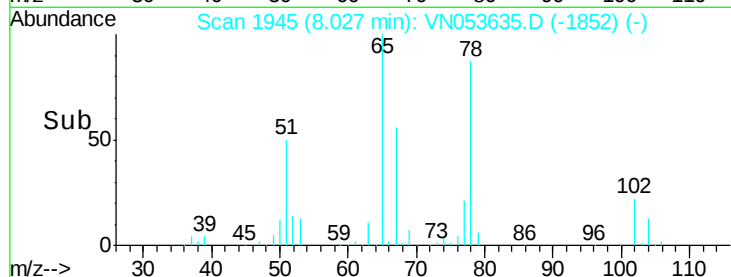
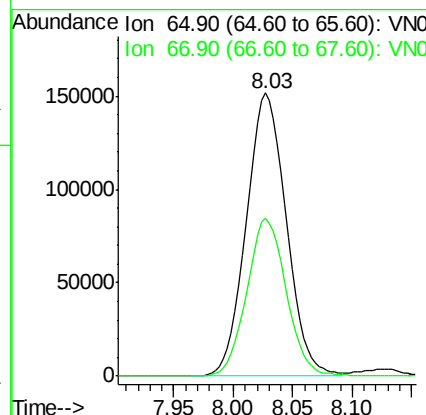
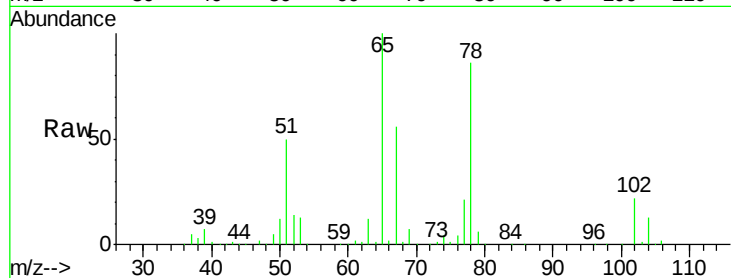
#33
 1,2-Dichloroethane-d4
 Concen: 21.603 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	353339		
67	55.1	0.0	111.2	

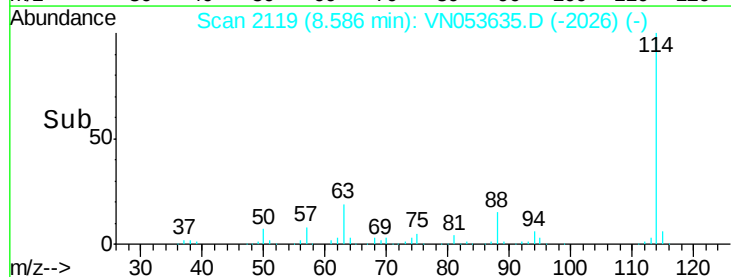
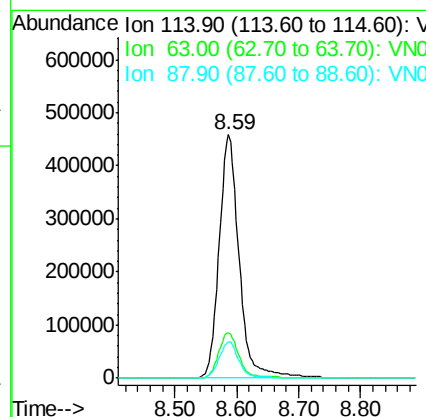
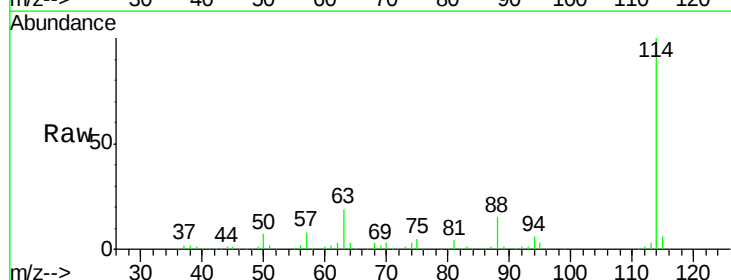
Manual Integrations
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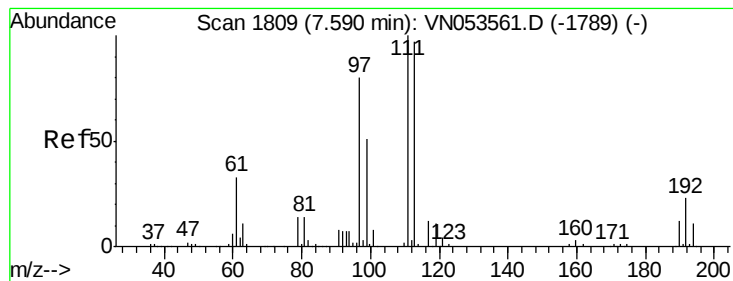
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1030695		
63	18.8	0.0	38.6	
88	15.0	0.0	30.4	





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

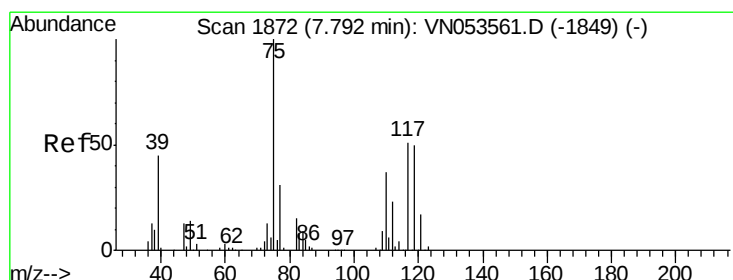
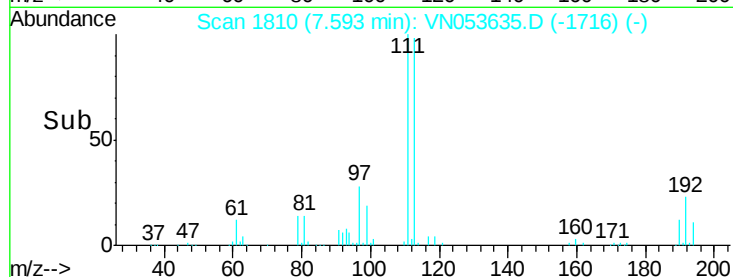
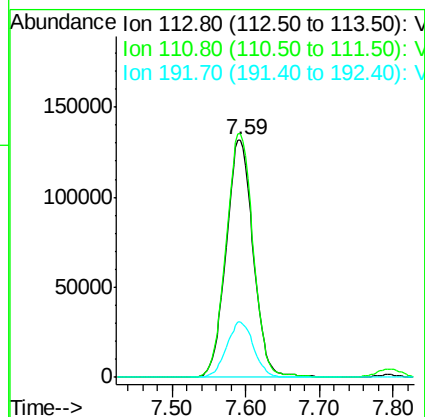
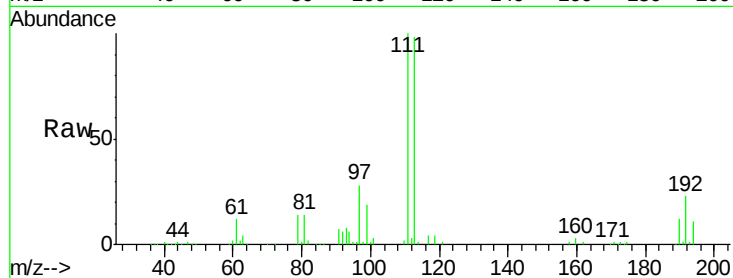
ClientSampled :

VN0206WBSD01

Tot Ion:	113	Resp:	336180
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.1	121.7
192	23.2	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 18.520 ug/l

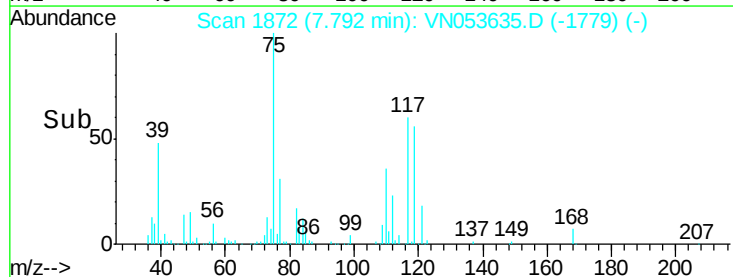
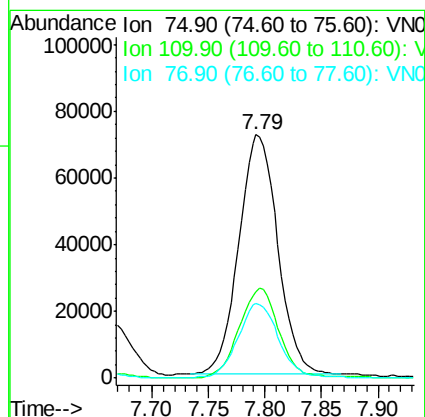
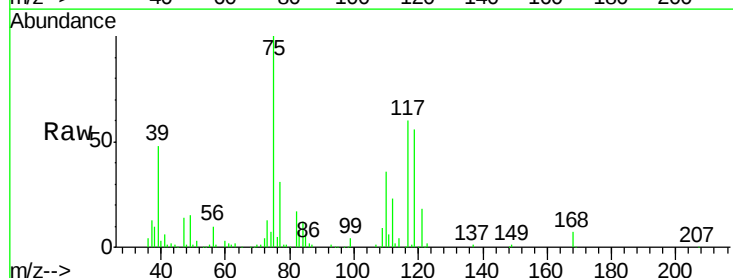
RT: 7.79 min Scan# 1872

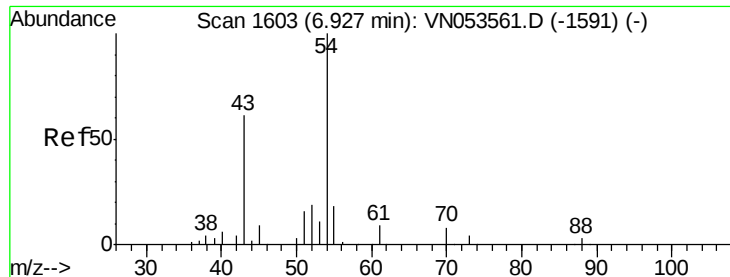
Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	75	Resp:	172072
Ion Ratio	Lower	Upper	
75	100		
110	38.6	18.1	54.3
77	32.7	25.1	37.7





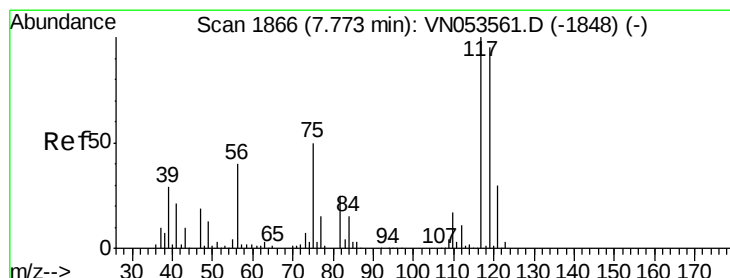
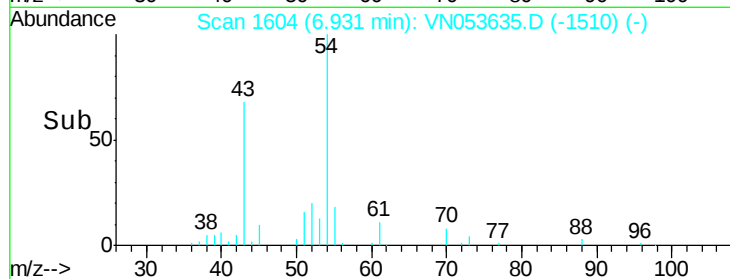
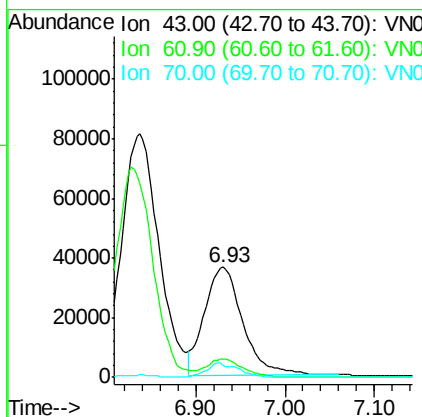
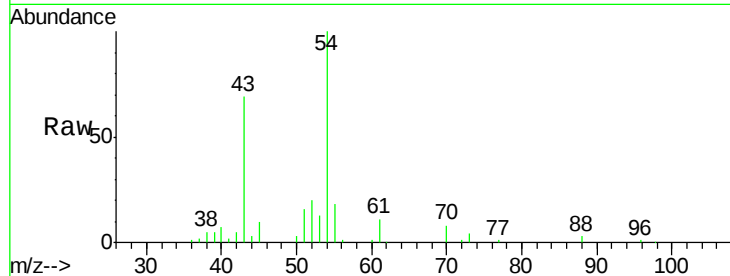
#37
Ethyl Acetate
Concen: 21.113 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.8	17.6
70	11.0	8.6	12.8

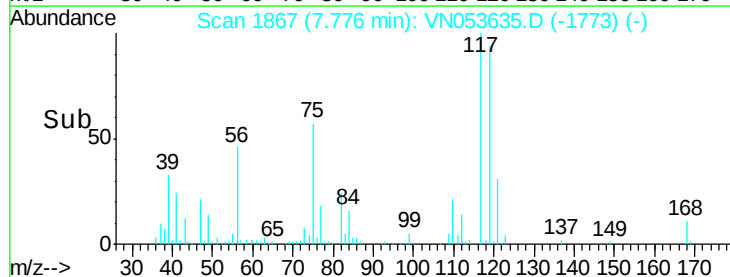
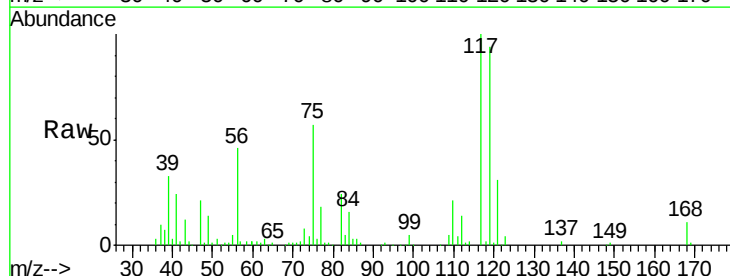
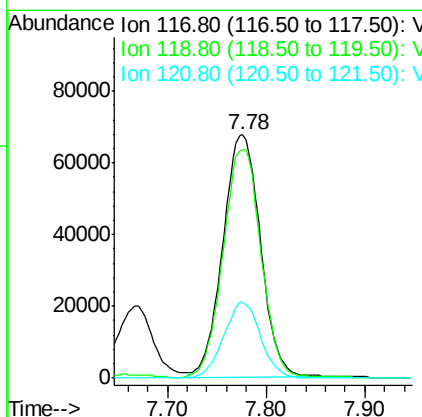
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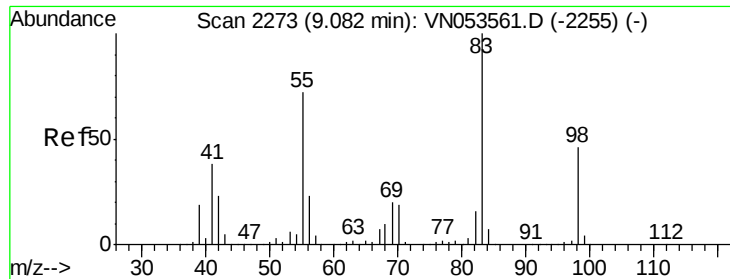
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#38
Carbon Tetrachloride
Concen: 19.193 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.2	115.8
121	31.5	24.6	37.0





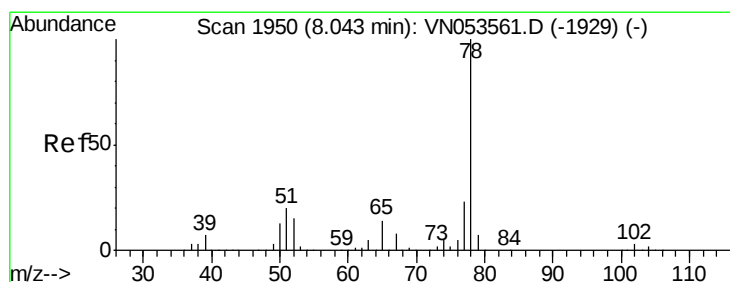
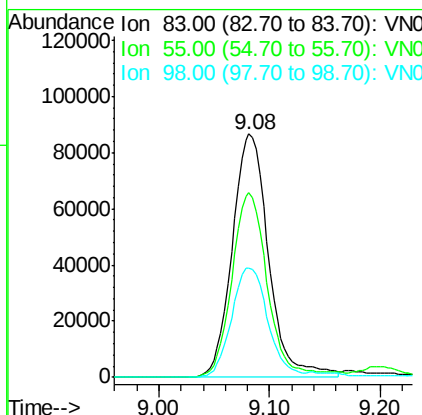
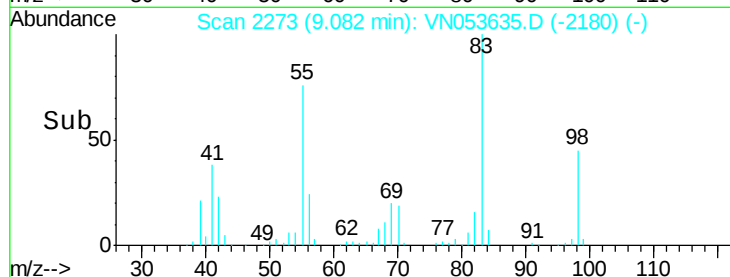
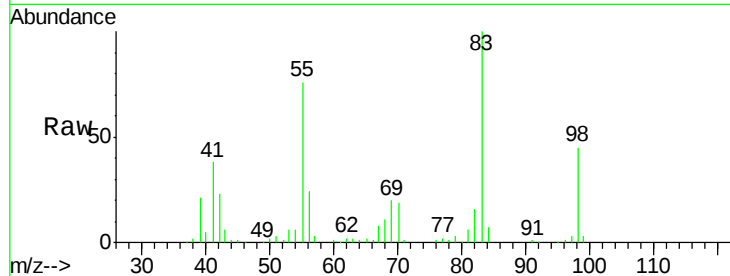
#39
Methvlcvclohexane
Concen: 17.981 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	198207		
55	75.7		60.1	90.1
98	44.9		36.6	55.0

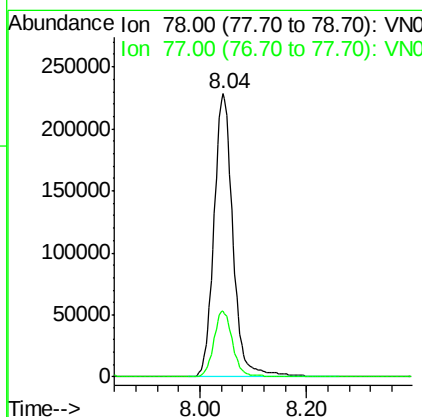
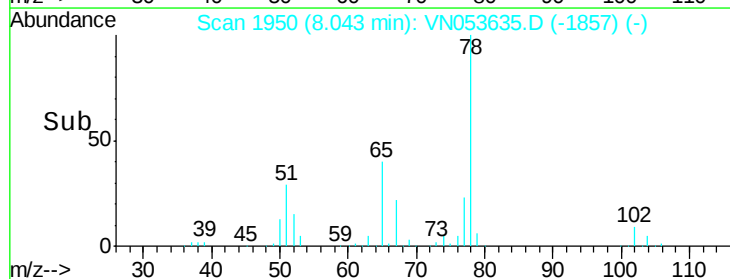
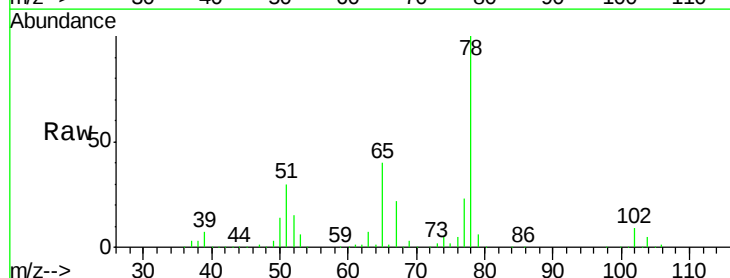
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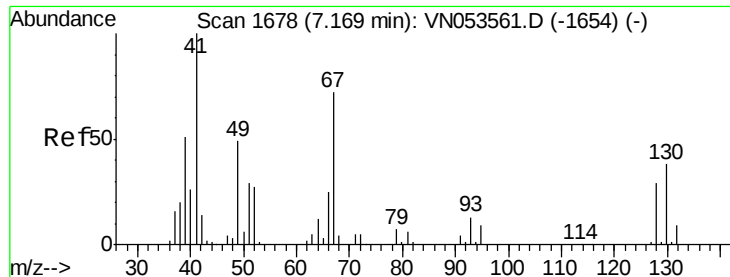
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#40
Benzene
Concen: 19.734 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	565411		
77	23.2		18.8	28.2





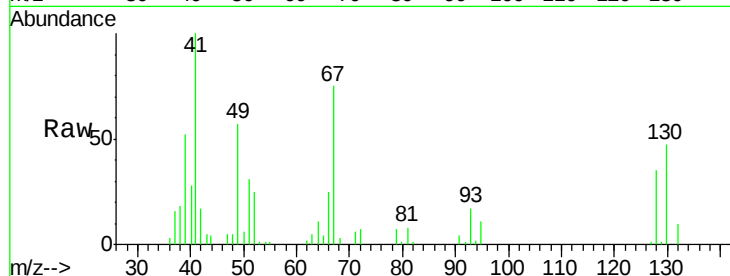
#41
Methacrylonitrile
Concen: 20.525 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.7	46.8	70.2	
67	90.4	63.0	94.6	
52	33.7	23.8	35.8	

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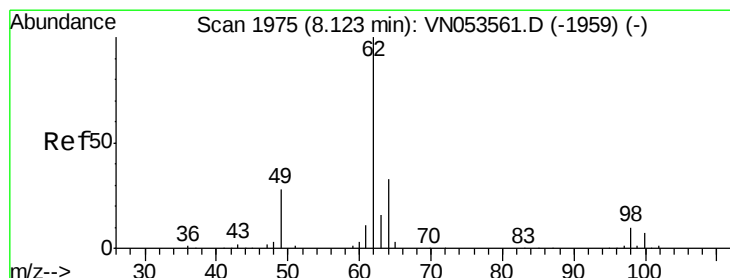
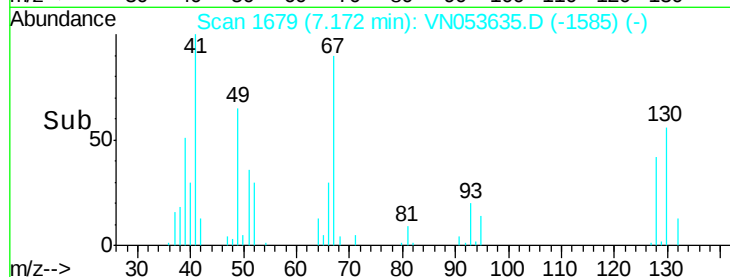
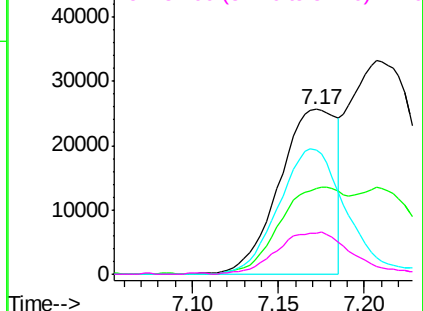
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

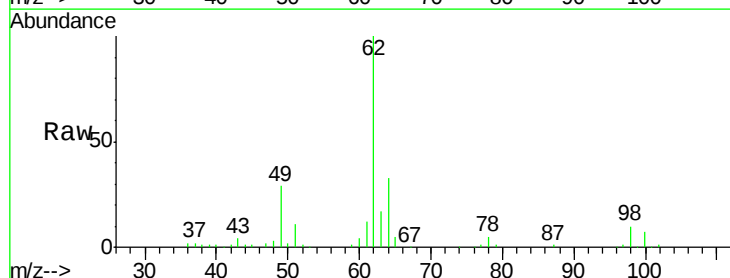
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 19.540 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

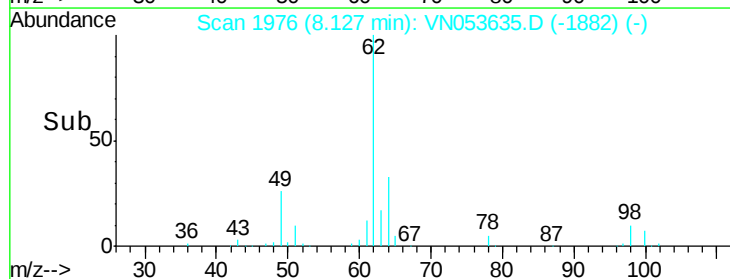
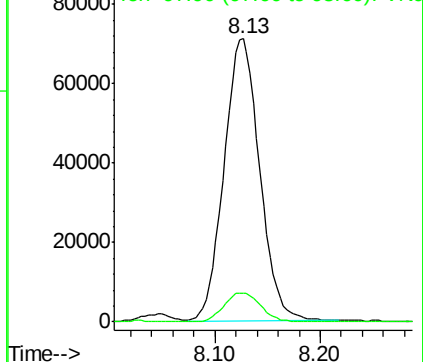
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	19.6	

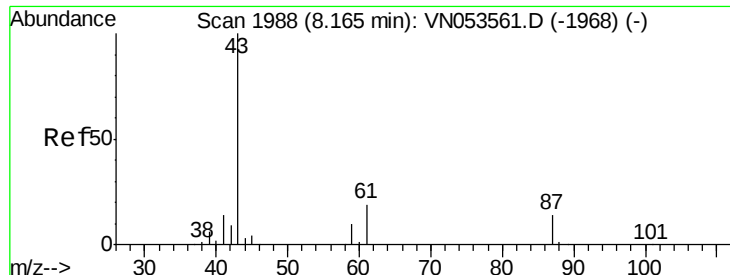


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 20.982 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

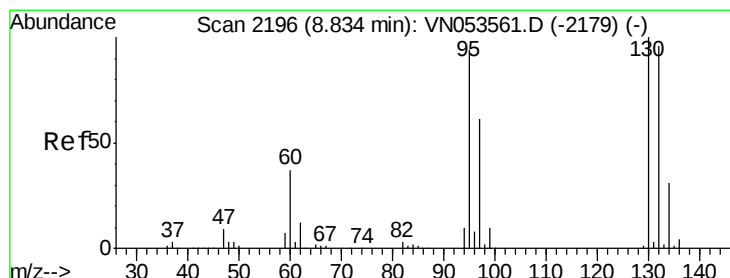
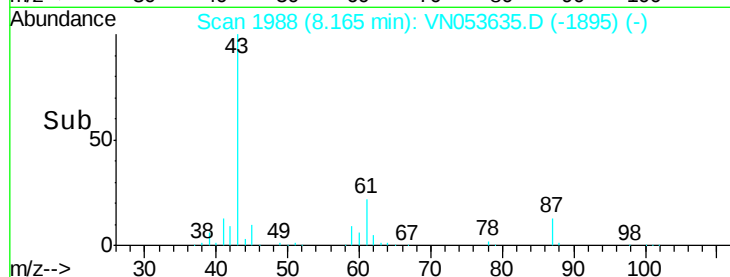
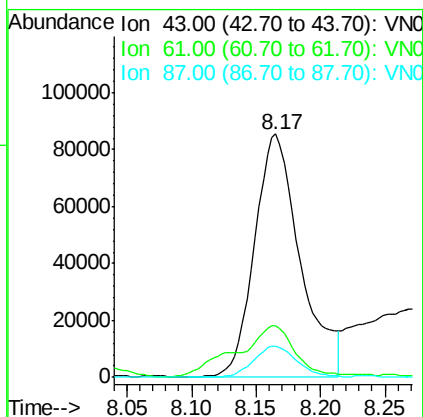
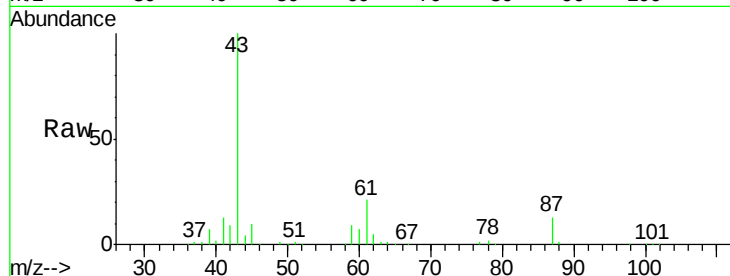
ClientSampled :

VN0206WBSD01

Tot Ion:	43	Resp:	210271
Ion Ratio	Lower	Upper	
43	100		
61	18.0	23.9	35.9#
87	12.3	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.576 ug/l

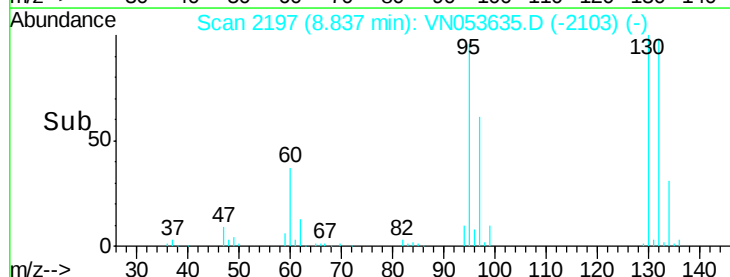
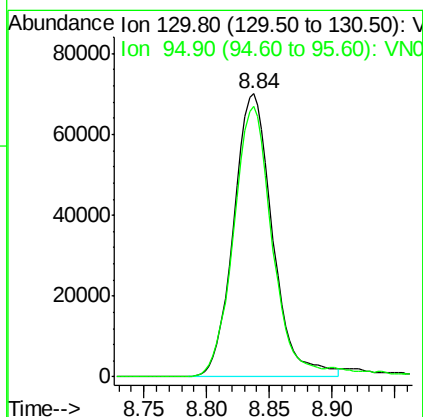
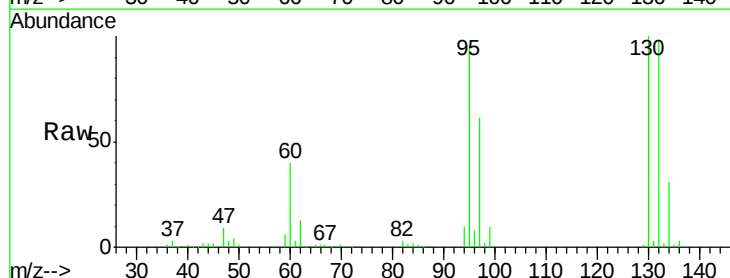
RT: 8.84 min Scan# 2197

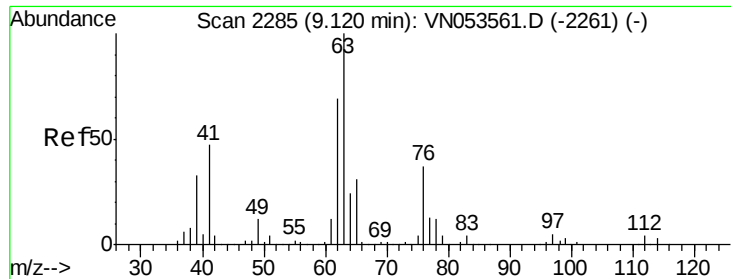
Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	130	Resp:	151521
Ion Ratio	Lower	Upper	
130	100		
95	95.7	0.0	191.4





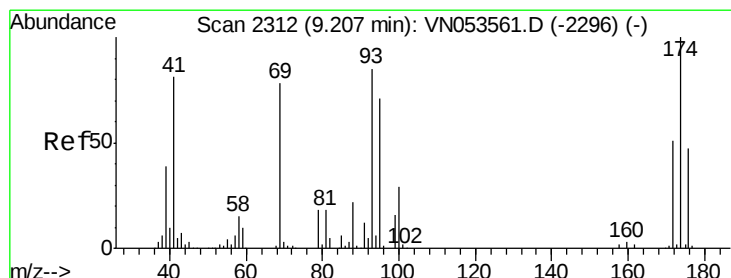
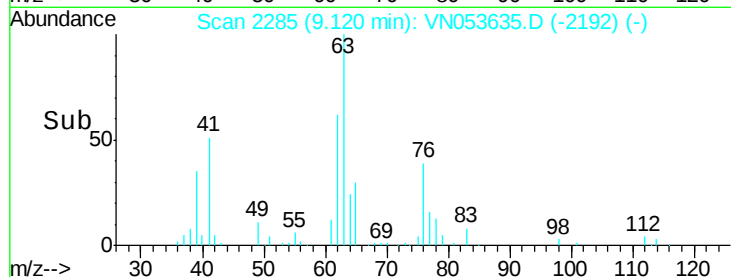
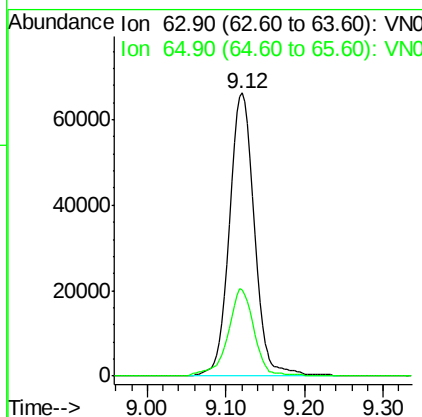
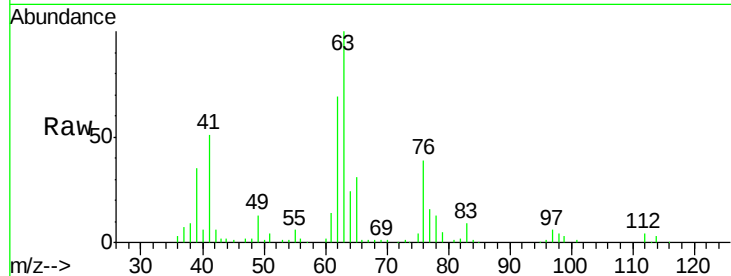
#45
 1,2-Dichloropropane
 Concen: 19.899 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBSD01

Tot Ion: 63 Resp: 145822
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4

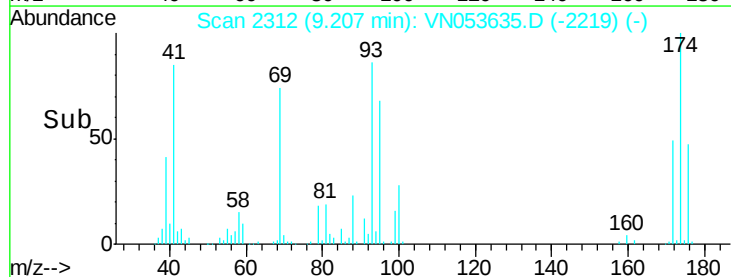
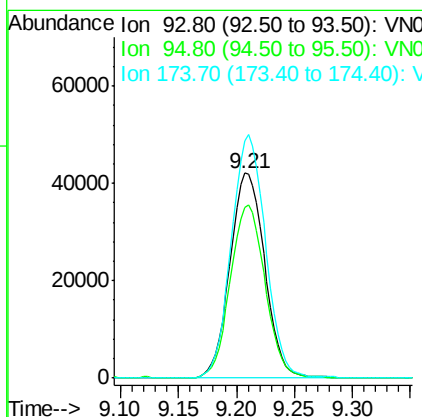
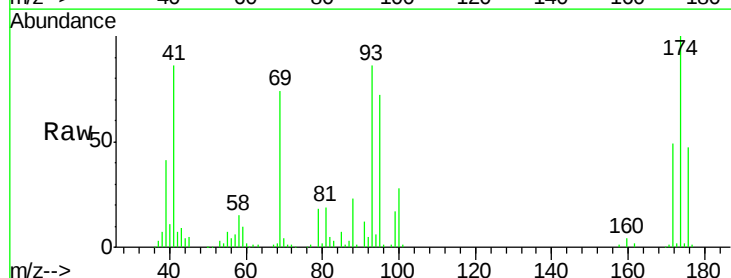
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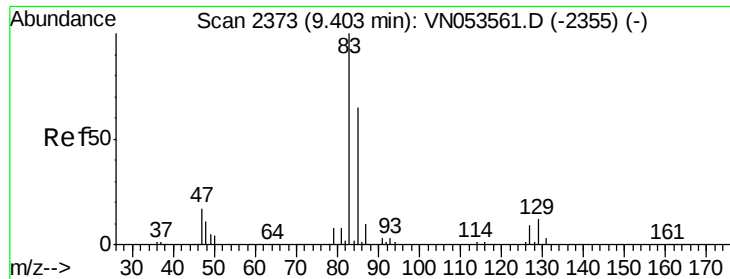
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#46
 Dibromomethane
 Concen: 19.917 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion: 93 Resp: 87986
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.3 100.9
 174 116.9 91.0 136.4





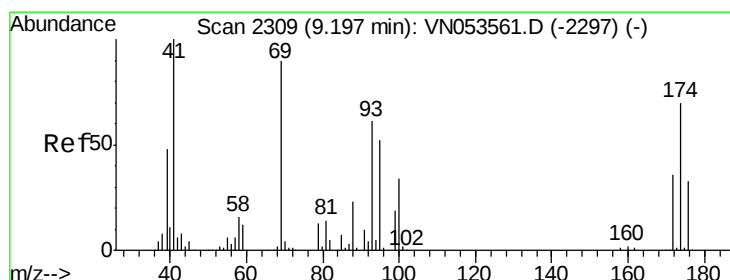
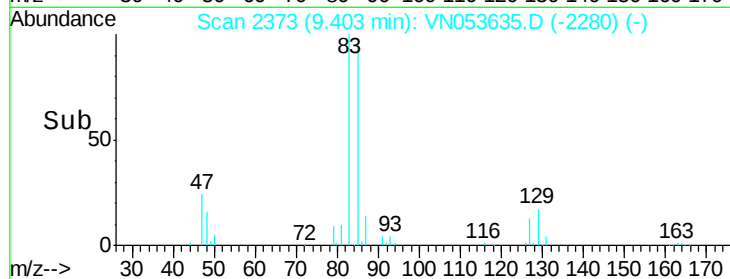
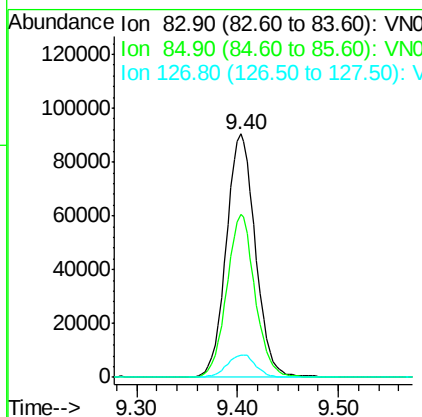
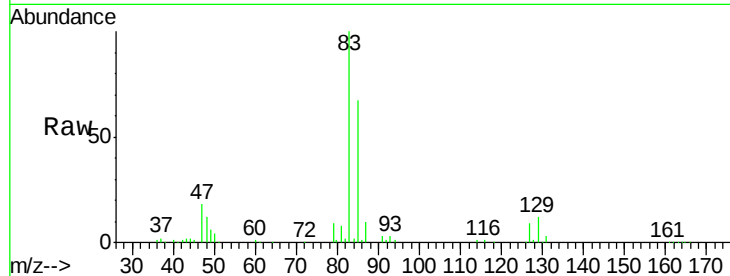
#47
Bromodichloromethane
Concen: 19.773 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	83	Resp	181619
Ion Ratio	100		
85	66.8	51.0	76.6
127	9.1	7.0	10.6

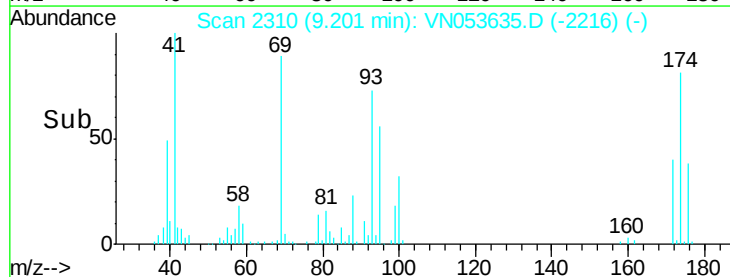
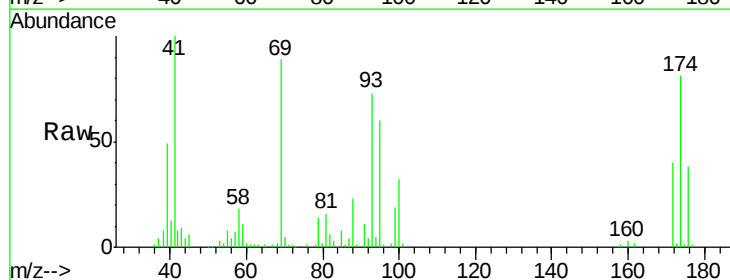
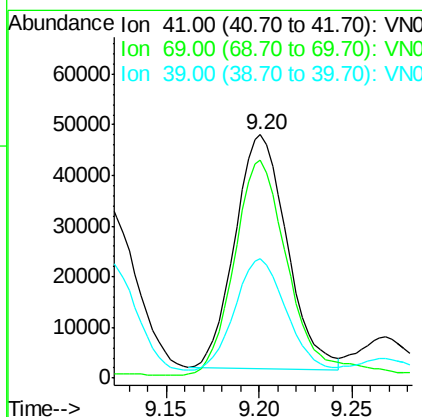
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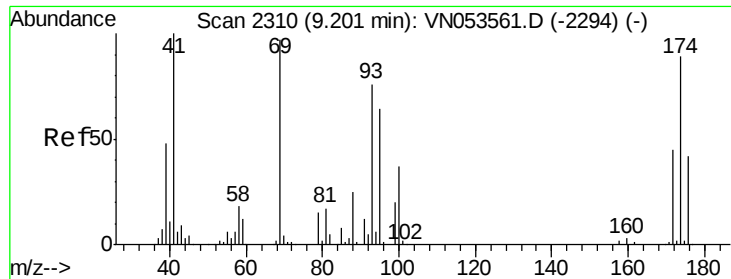
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#48
Methyl methacrylate
Concen: 18.833 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	41	Resp	90089
Ion Ratio	100		
69	98.6	73.8	110.6
39	53.7	40.0	60.0





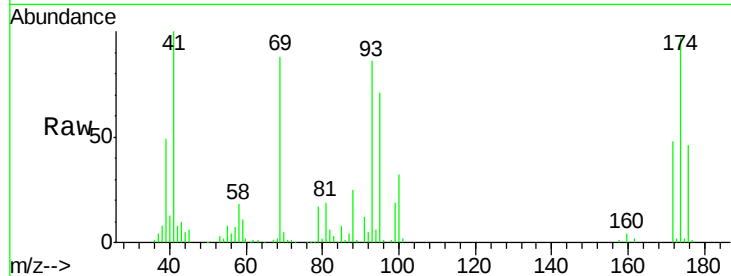
#49
1,4-Dioxane
Concen: 408.257 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	27.8	41.6
58	67.8	56.5	84.7

Manual Integrations
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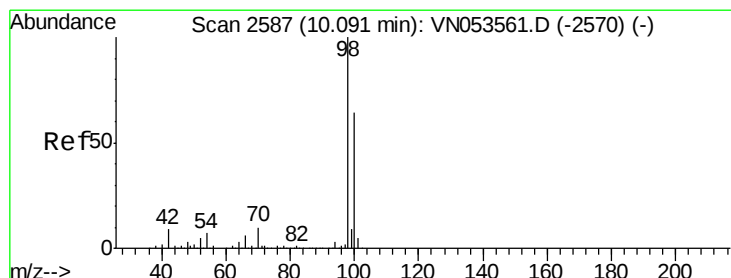
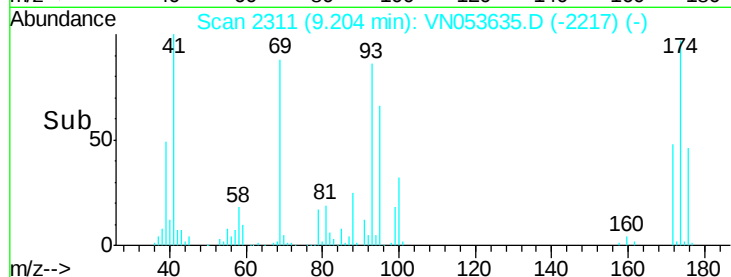
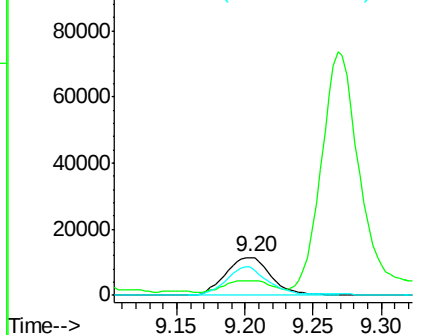
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Abundance Ion 88.00 (87.70 to 88.70): VN053635.D (-2217) (-)

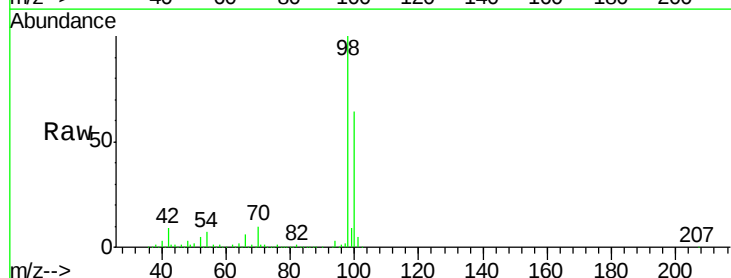
Ion 43.00 (42.70 to 43.70): VN053635.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053635.D (-2217) (-)



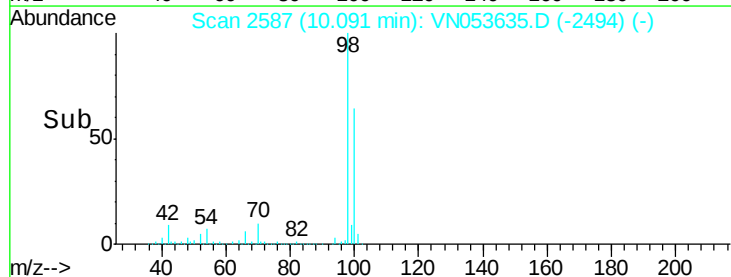
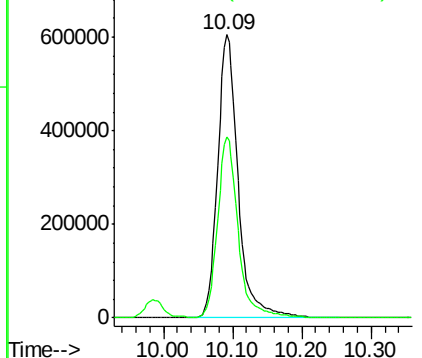
#50
Toluene-d8
Concen: 408.257 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

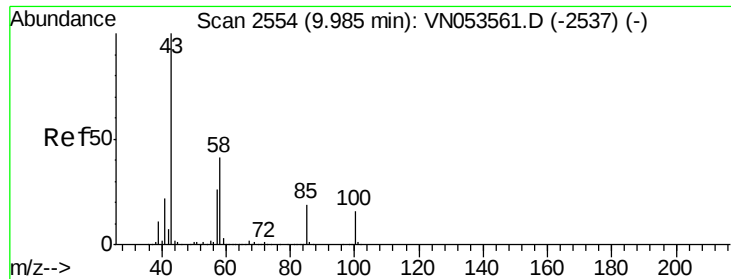
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053635.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053635.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 101.629 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampled :

VN0206WBSD01

Tot Ion: 43 Resp: 500468

Ion Ratio Lower Upper

43 100

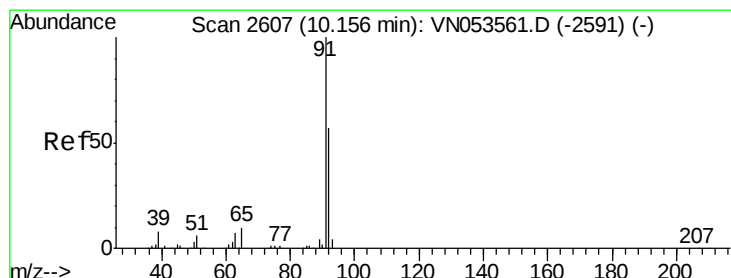
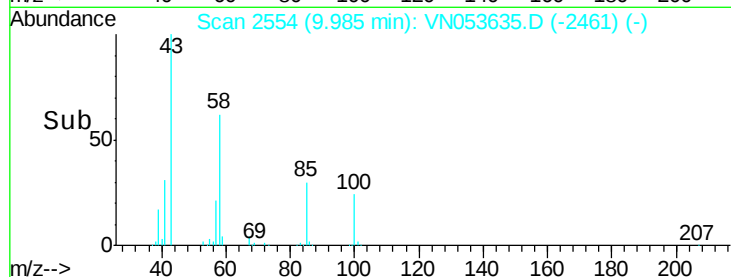
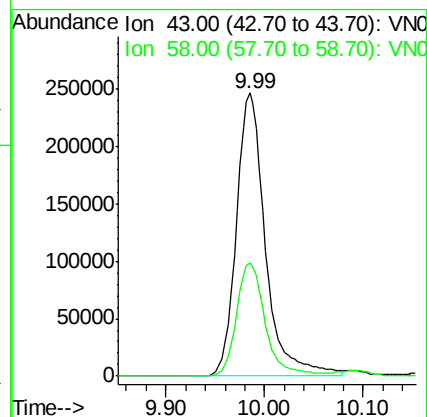
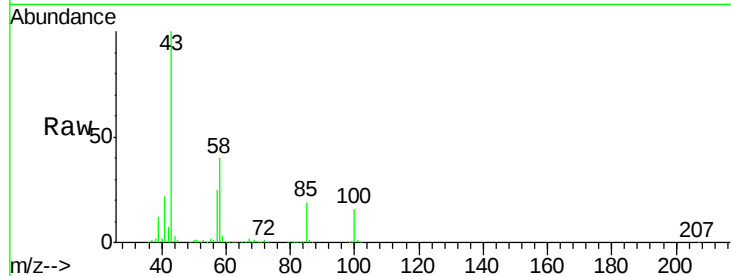
58 40.2 32.8 49.2

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#52

Toluene

Concen: 20.041 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053635.D

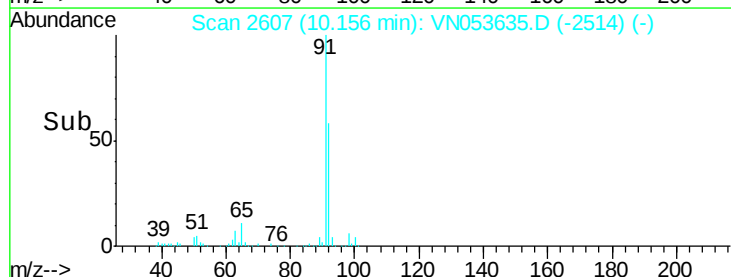
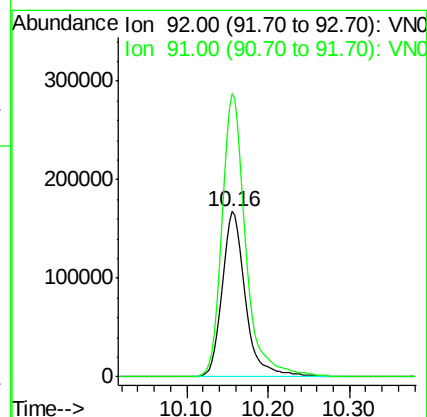
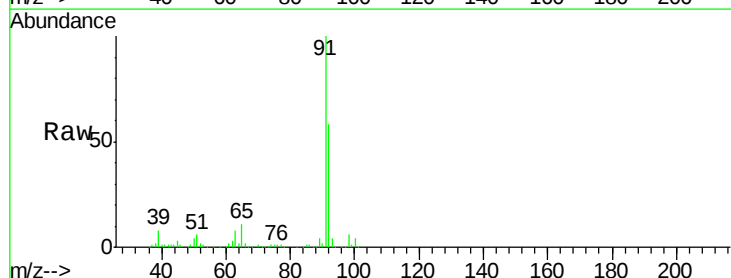
Acq: 6 Feb 2019 15:23

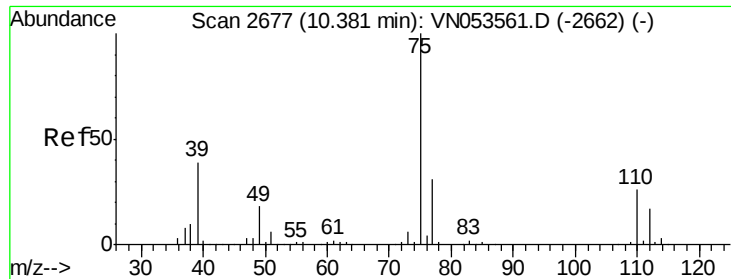
Tgt Ion: 92 Resp: 340787

Ion Ratio Lower Upper

92 100

91 173.7 139.9 209.9





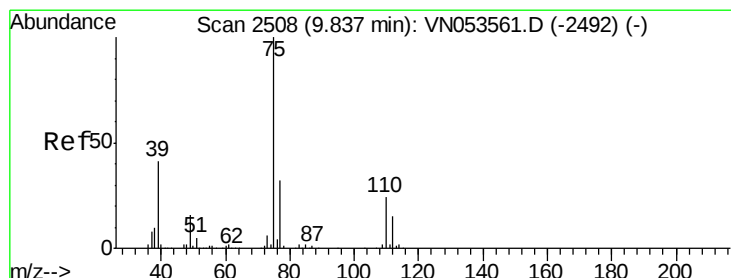
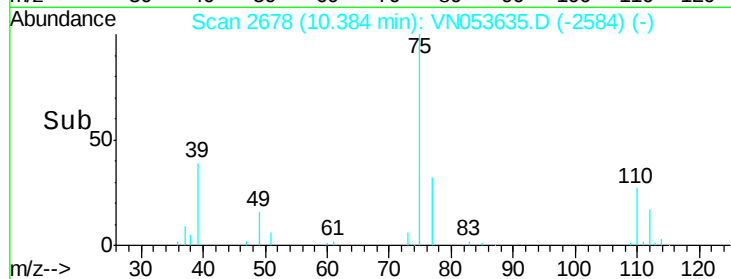
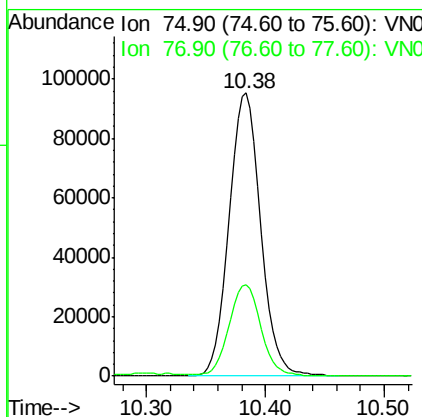
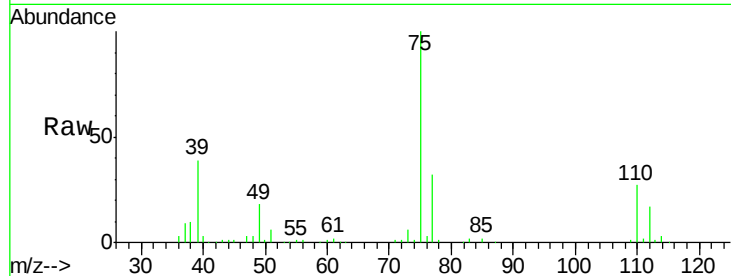
#53
 t-1,3-Dichloropropene
 Concen: 19.081 ug/l
 RT: 10.38 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tot Ion: 75 Resp: 175495
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3

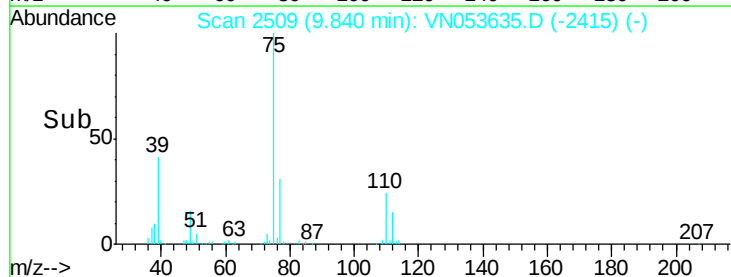
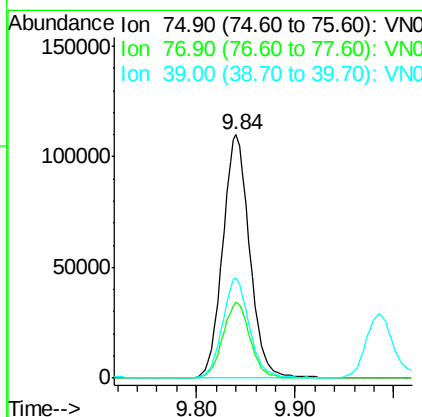
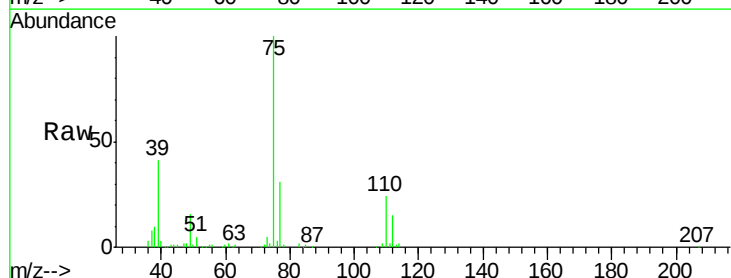
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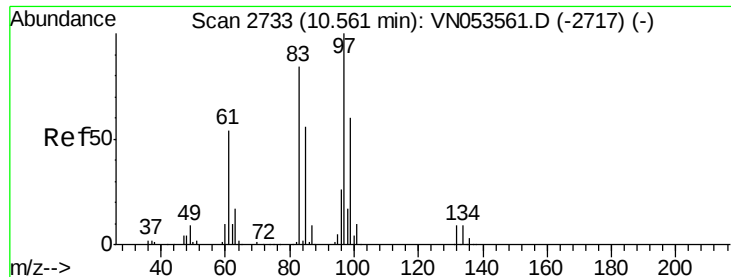
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#54
 cis-1,3-Dichloropropene
 Concen: 19.336 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion: 75 Resp: 210743
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.6
 39 41.3 33.4 50.0





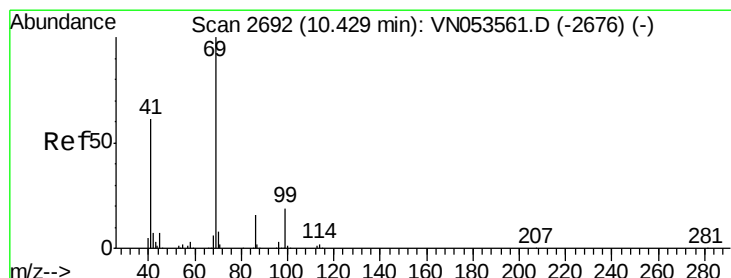
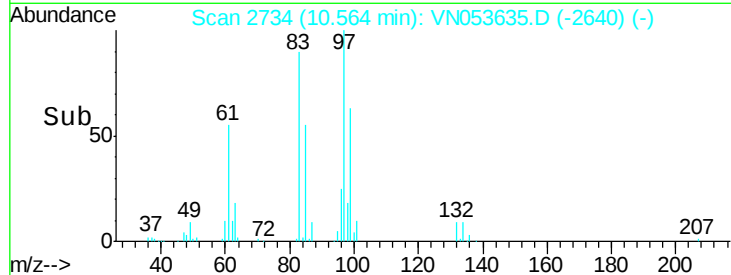
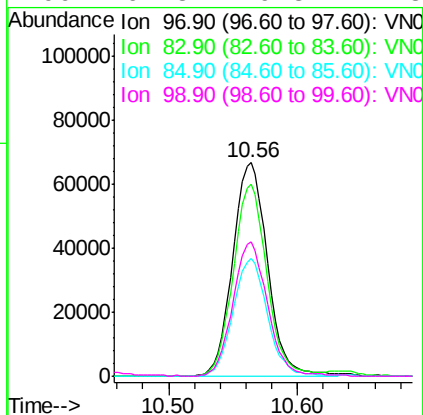
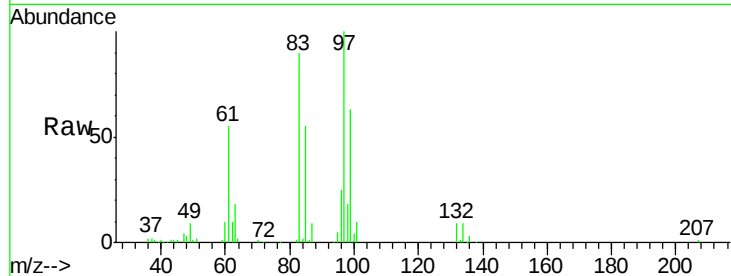
#55
 1,1,2-Trichloroethane
 Concen: 20.487 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		125529		
83	90.0	70.1	105.1		
85	55.2	45.4	68.0		
99	62.8	49.8	74.8		

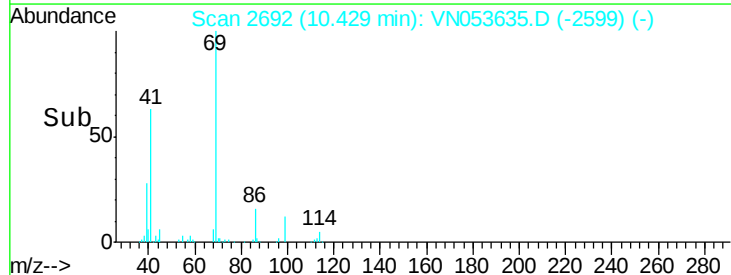
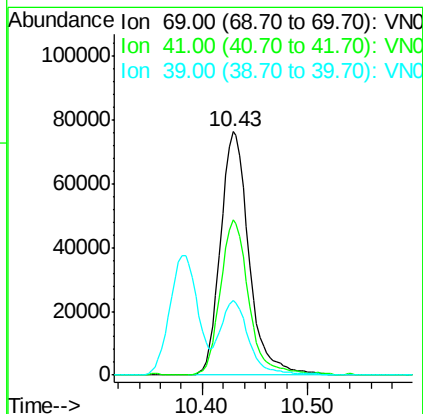
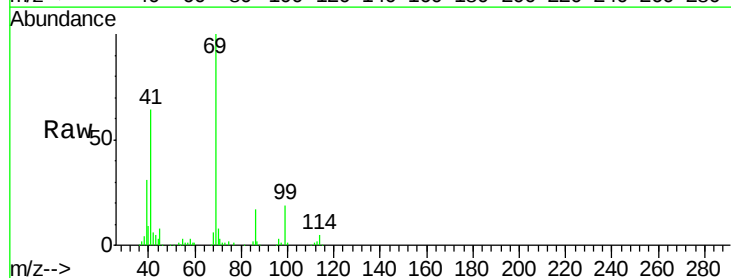
Manual Integrations
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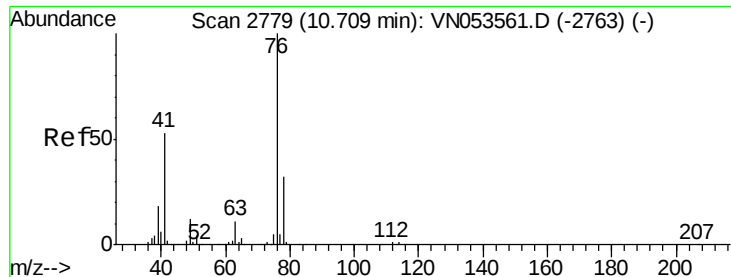
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#56
 Ethyl methacrylate
 Concen: 19.764 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		143260		
41	62.2	49.4	74.0		
39	29.1	23.3	34.9		





#57

1,3-Dichloropropane

Concen: 20.103 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

Tot Ion: 76 Resp: 210518

Ion Ratio Lower Upper

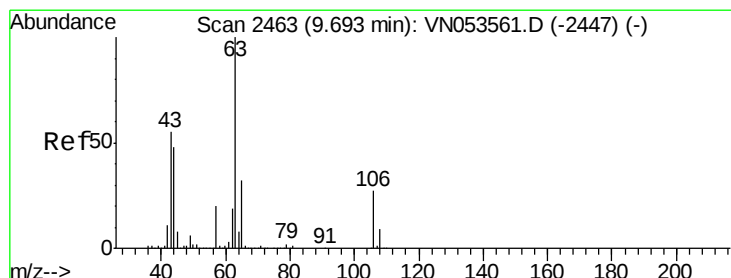
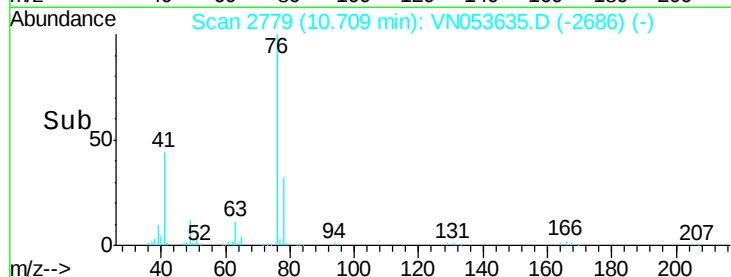
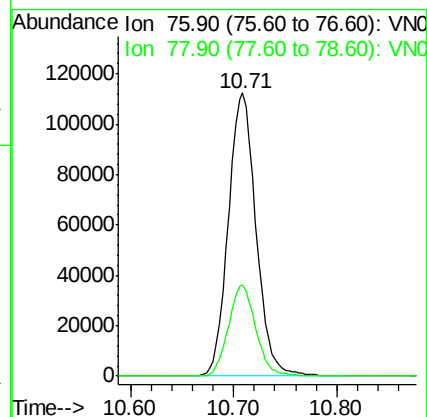
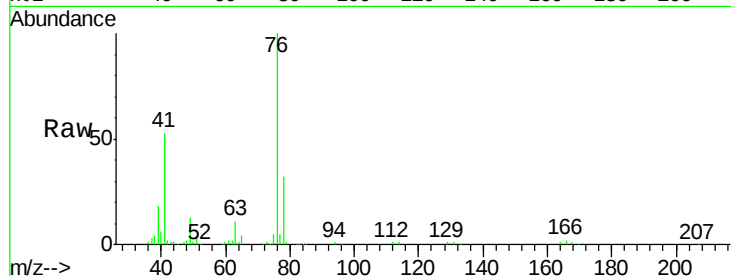
76 100

78 31.9 25.6 38.4

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2/7/2019 11:04:26 AM



#58

2-Chloroethyl Vinyl ether

Concen: 90.772 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053635.D

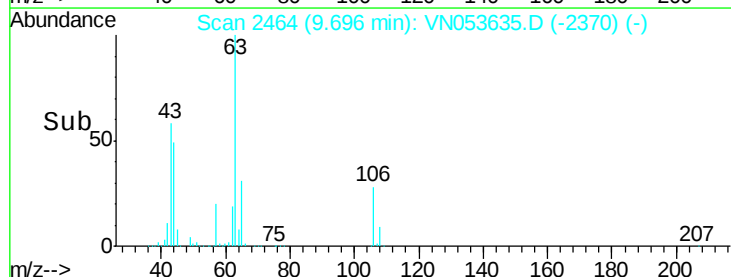
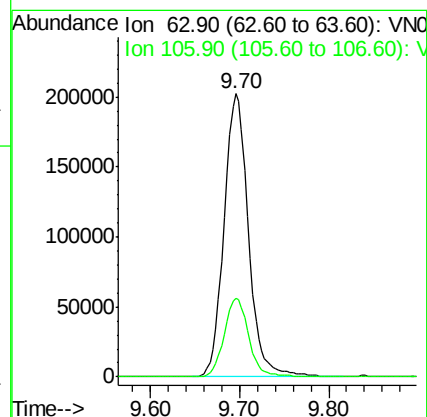
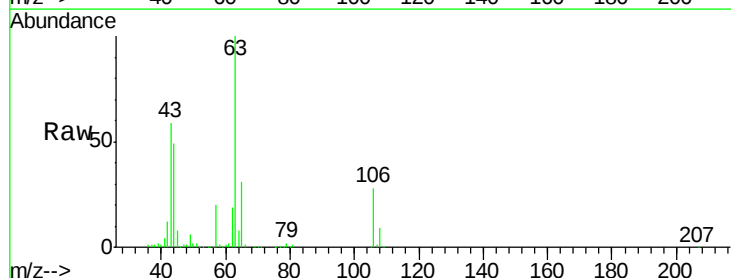
Acq: 6 Feb 2019 15:23

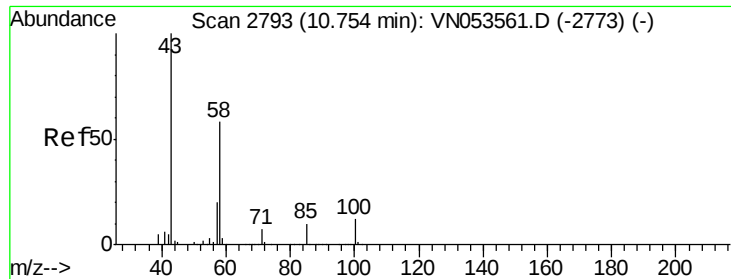
Tgt Ion: 63 Resp: 384371

Ion Ratio Lower Upper

63 100

106 27.9 21.5 32.3





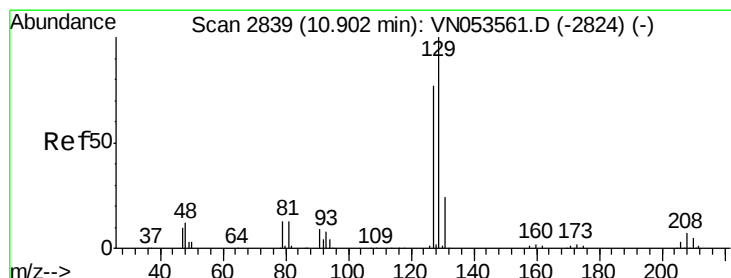
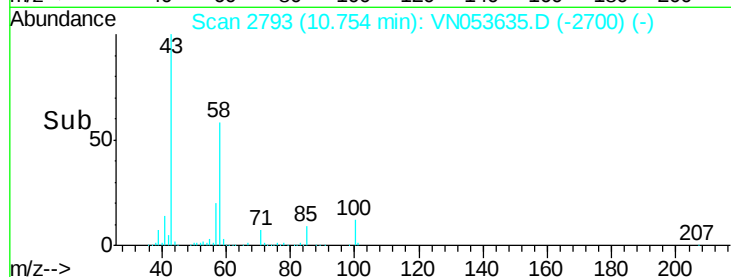
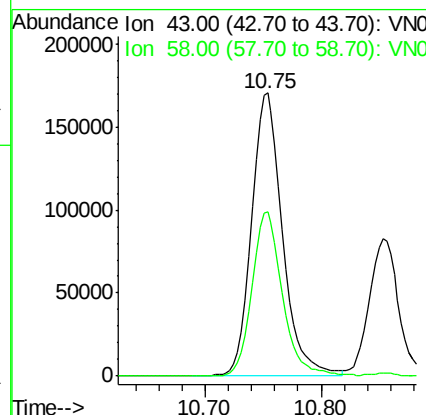
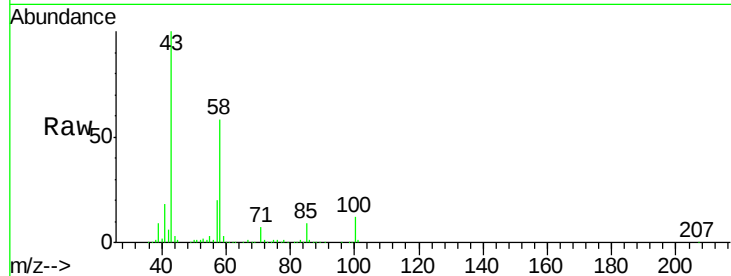
#59
2-Hexanone
Concen: 94.091 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion: 43 Resp: 314553
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.8

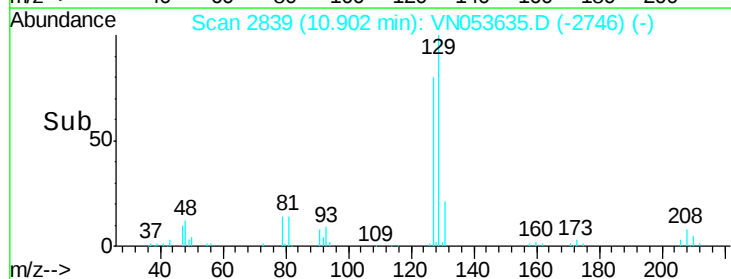
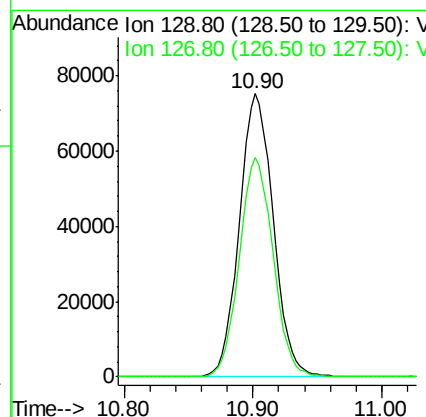
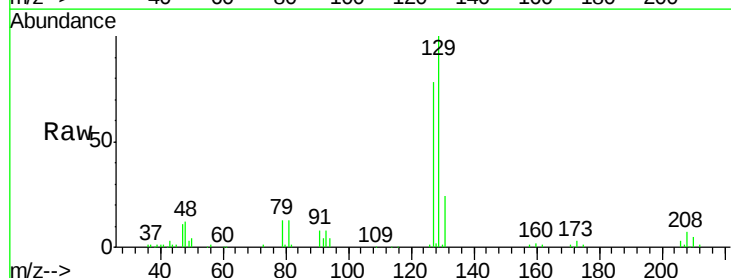
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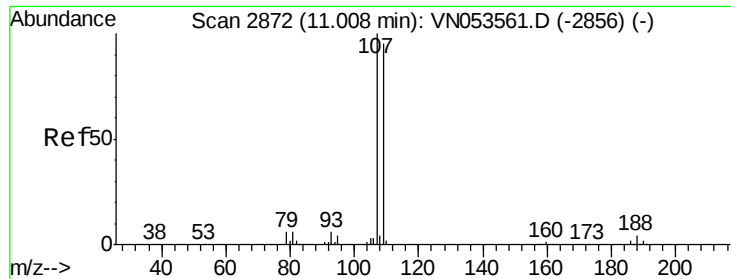
MMDadoda
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#60
Dibromochloromethane
Concen: 19.960 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion: 129 Resp: 137919
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





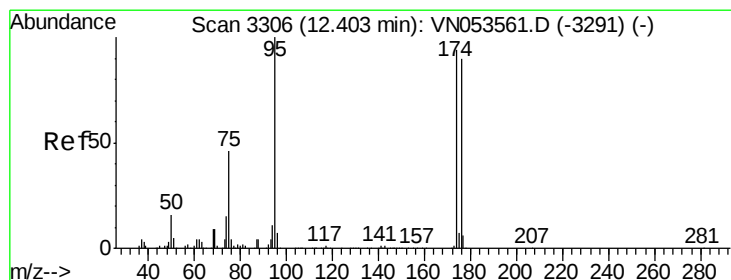
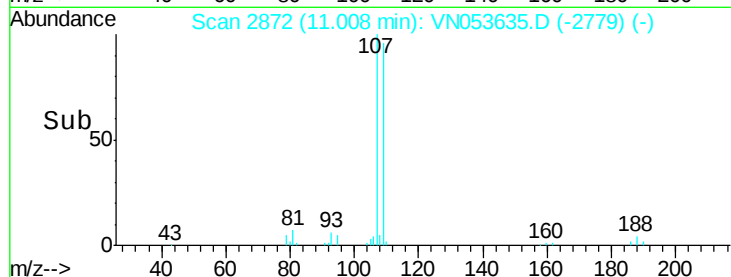
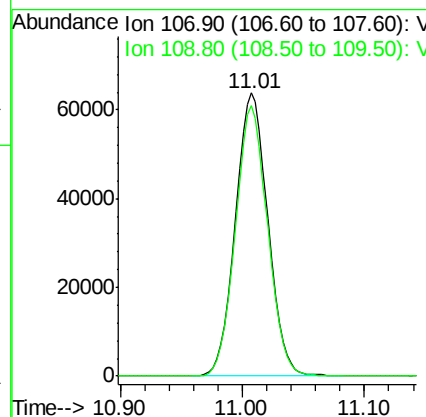
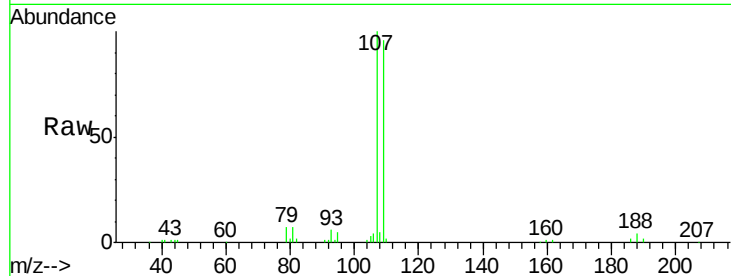
#61
 1,2-Dibromoethane
 Concen: 19.426 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.7	113.5

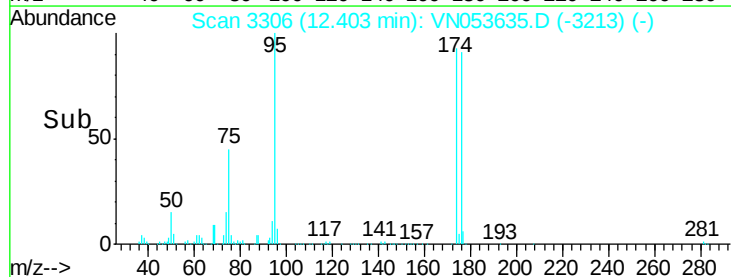
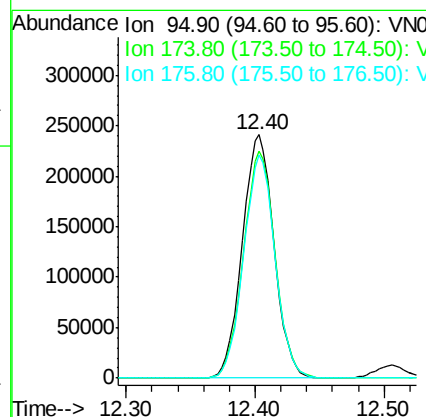
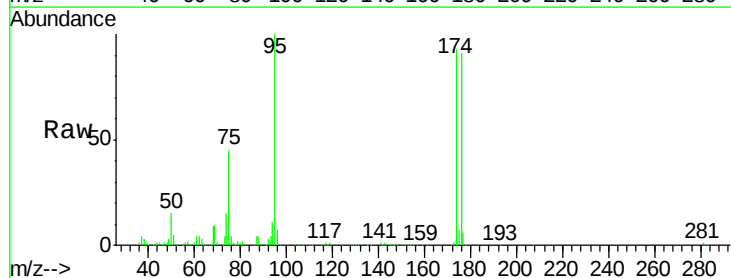
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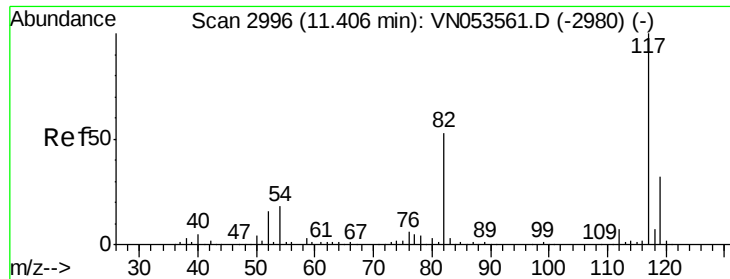
MMDadoda
 2/7/2019 11:04:26 AM



#62
 4-Bromofluorobenzene
 Concen: 19.426 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	183.2
176	90.4	0.0	177.4





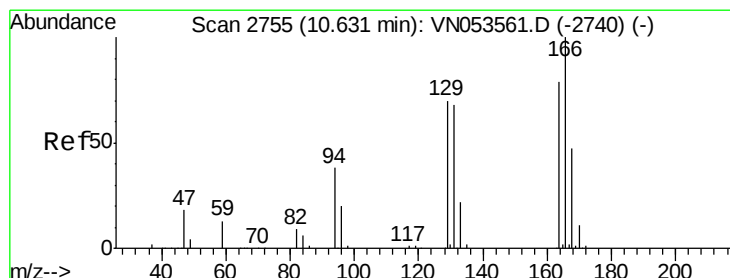
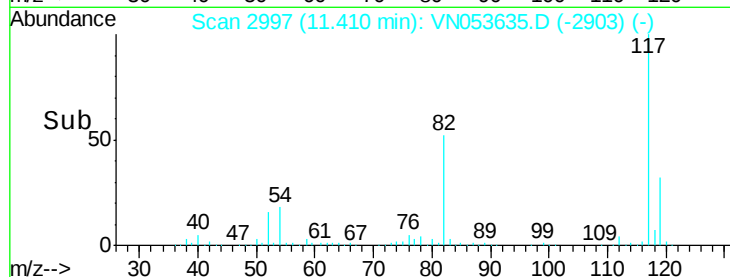
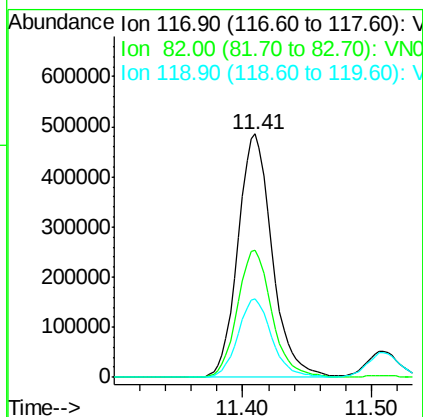
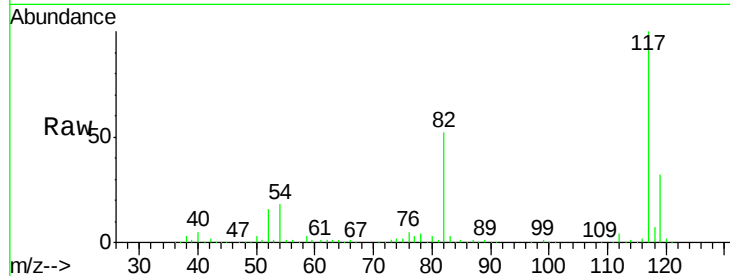
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	896093		
82	52.4		42.9	64.3
119	32.2		26.0	39.0

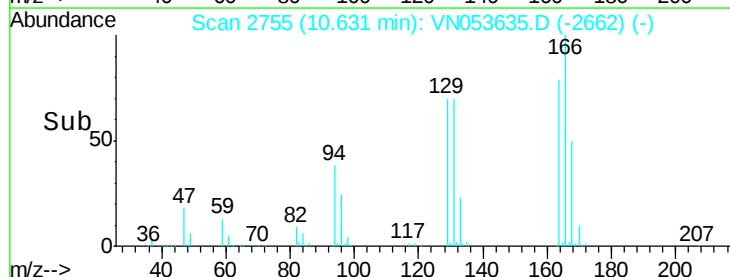
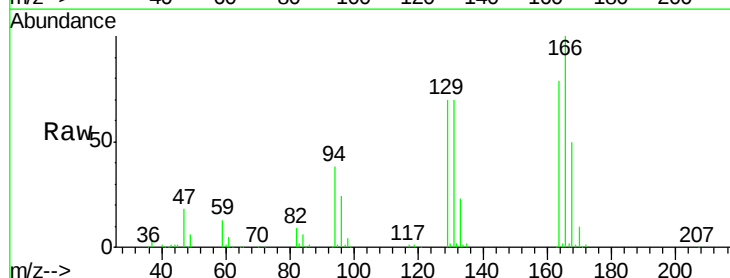
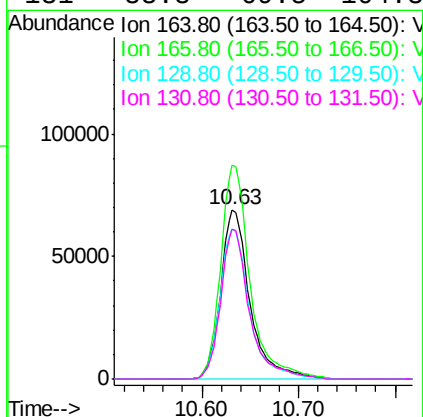
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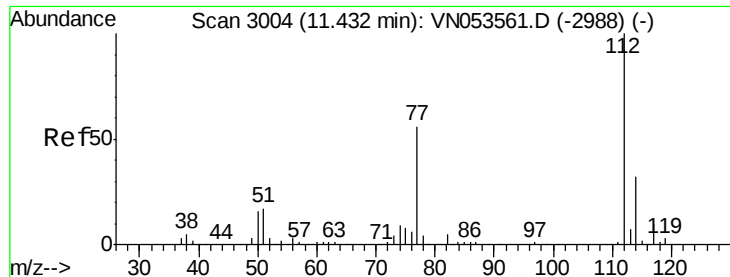
MMDadoda
2/7/2019 11:04:26 AM



#64
Tetrachloroethene
Concen: 18.961 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145651		
166	126.3		102.2	153.4
129	88.7		72.6	109.0
131	88.8		69.5	104.3





#65

Chlorobenzene

Concen: 19.254 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampled :

VN0206WBSD01

Tot Ion:112 Resp: 366476

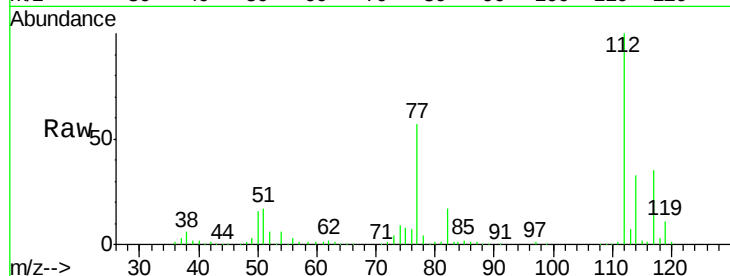
Ion Ratio Lower Upper

112 100

114 32.9 25.3 37.9

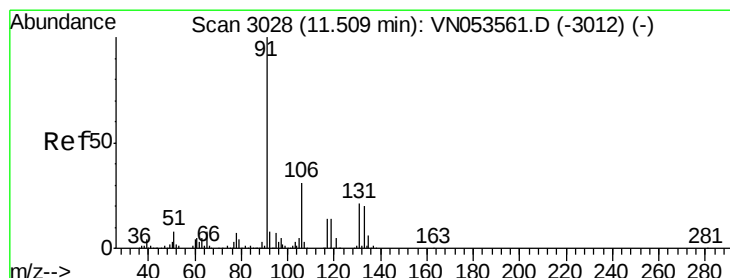
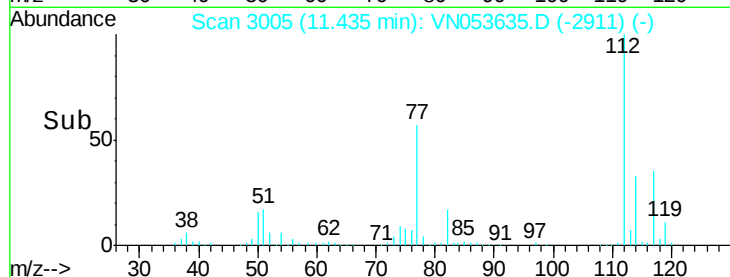
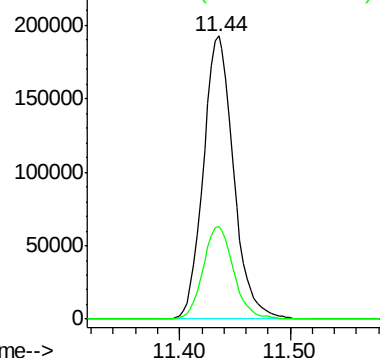
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.164 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

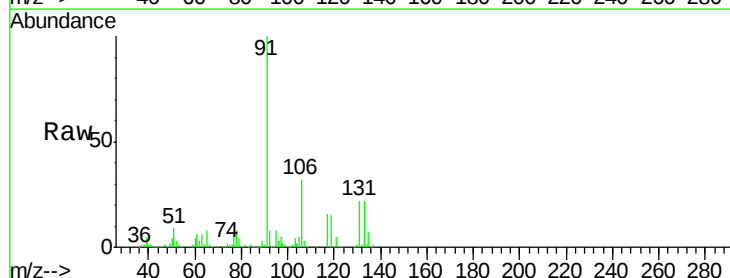
Tgt Ion:131 Resp: 134042

Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.0

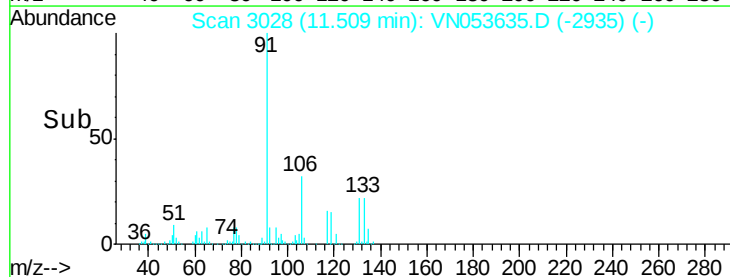
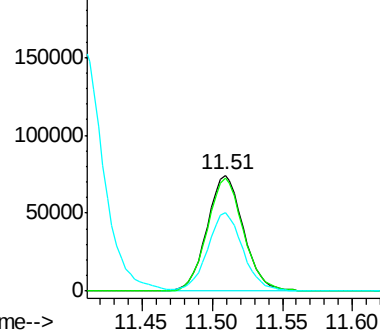
119 65.8 33.5 100.5

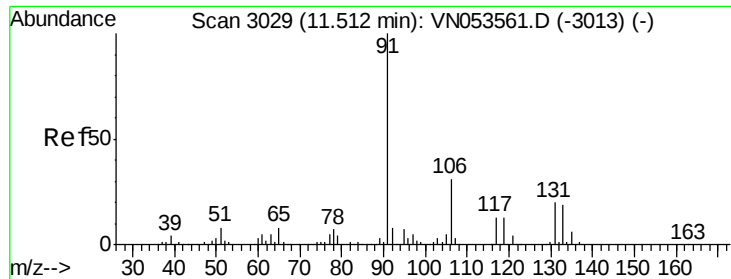


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





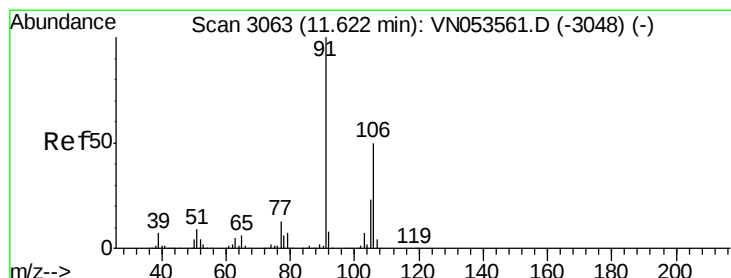
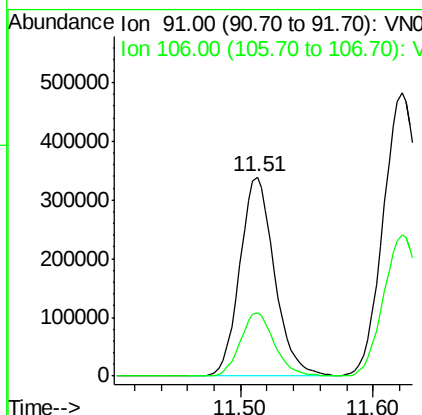
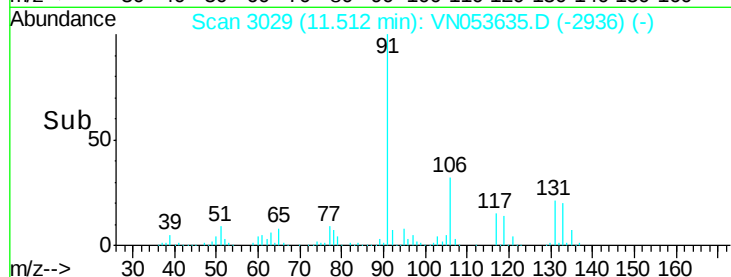
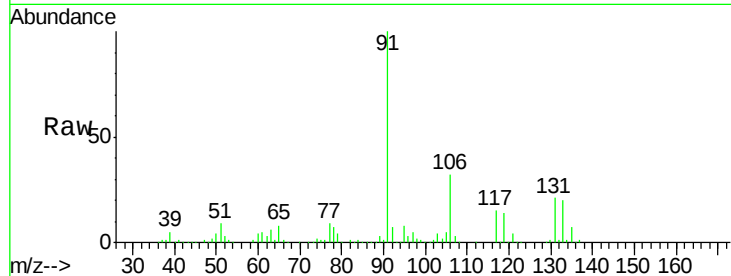
#67
Ethyl Benzene
Concen: 19.660 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

Tot Ion: 91 Resp: 614694
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6

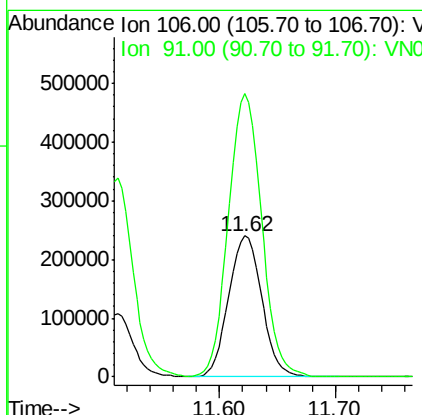
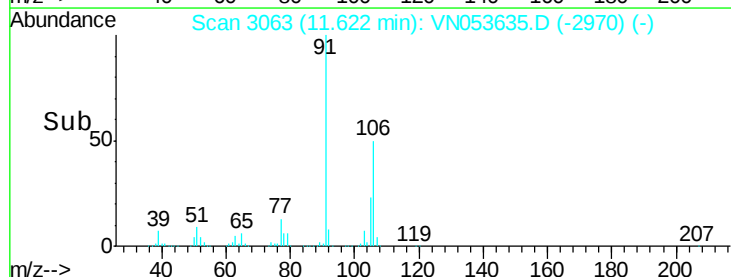
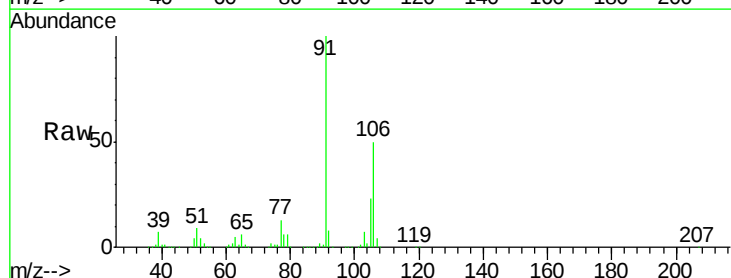
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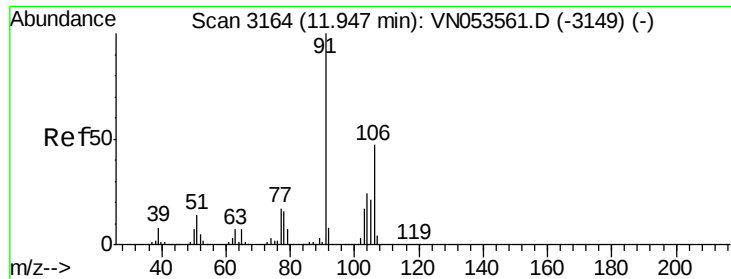
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#68
m/p-Xylenes
Concen: 40.072 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion: 106 Resp: 478195
Ion Ratio Lower Upper
106 100
91 200.4 161.4 242.2





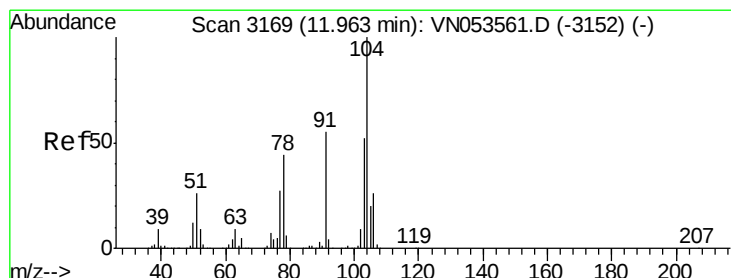
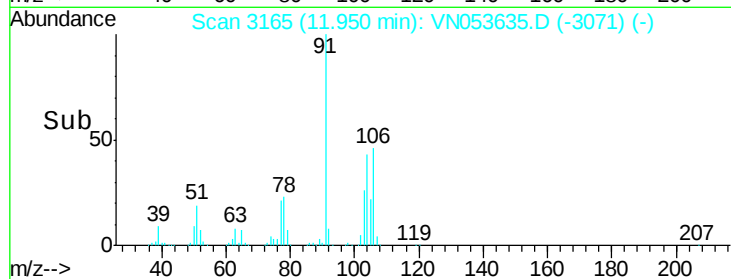
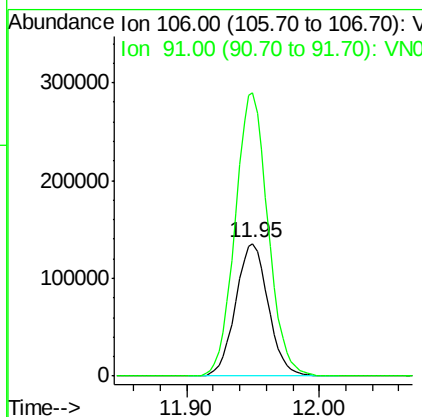
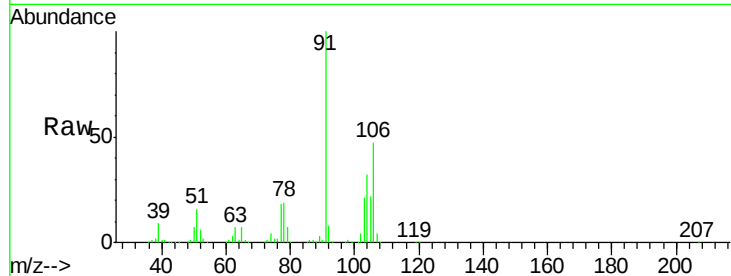
#69
o-Xylene
Concen: 20.094 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.1	106.9	320.8

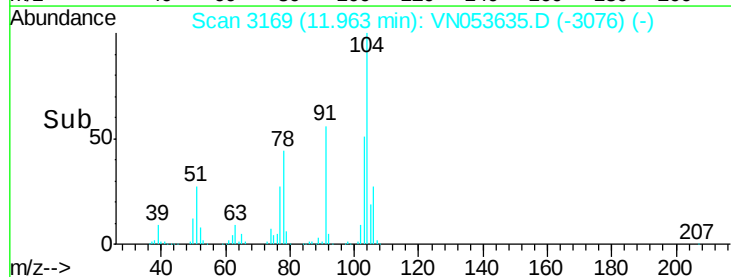
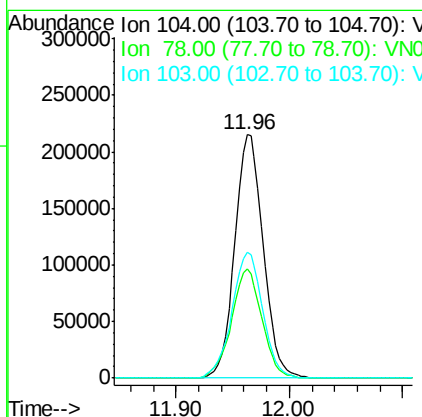
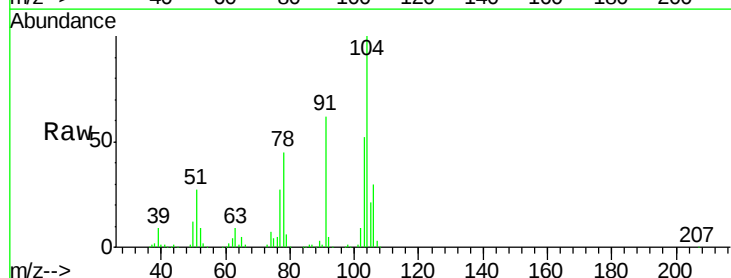
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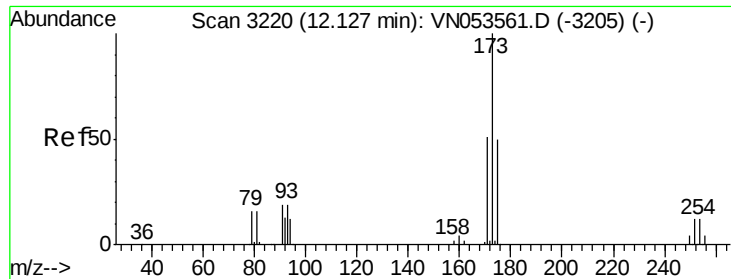
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#70
Styrene
Concen: 20.185 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.2	57.2
103	55.9	44.4	66.6





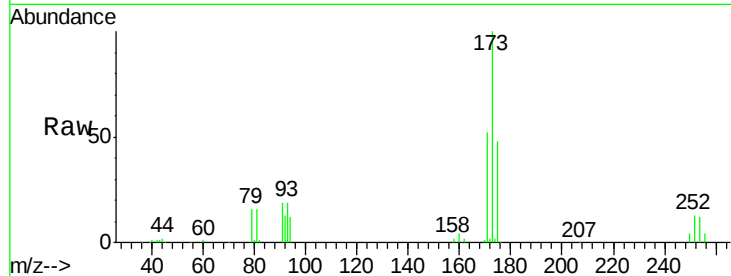
#71
Bromoform
Concen: 20.586 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

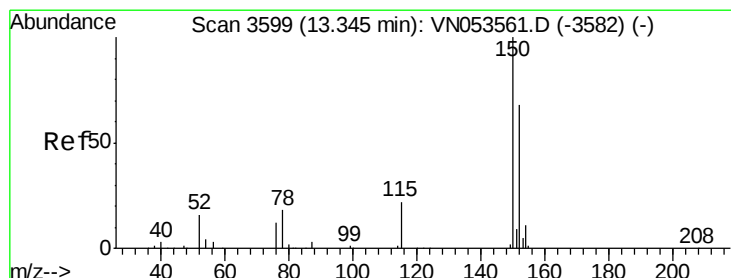
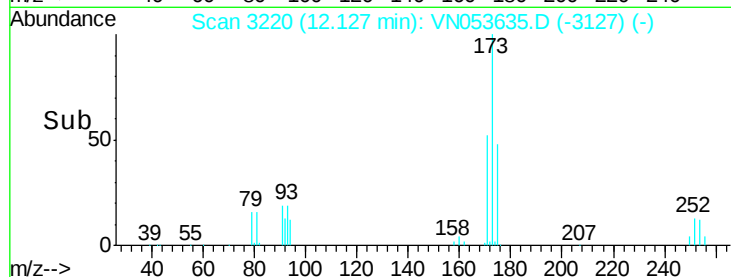
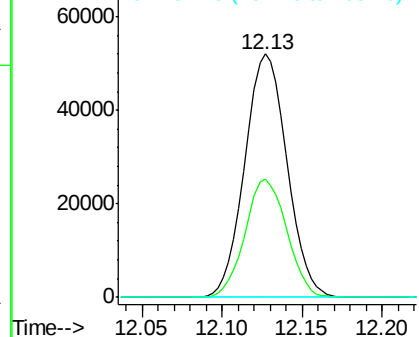
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.6	74.0
254	0.0	0.2	0.2

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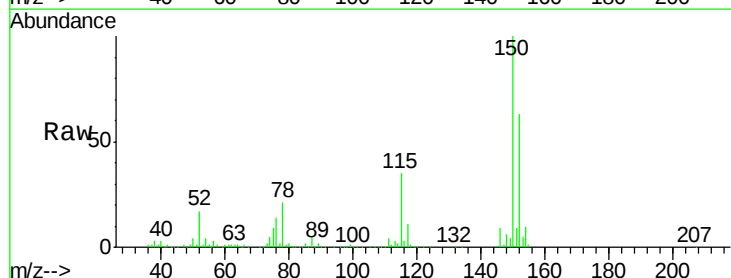


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

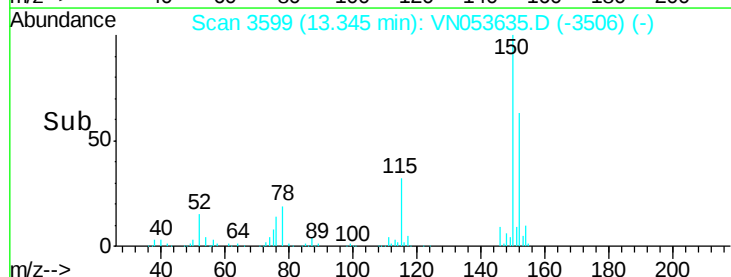
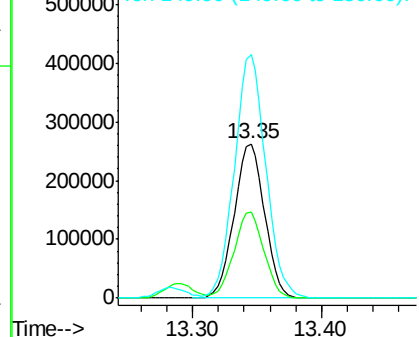


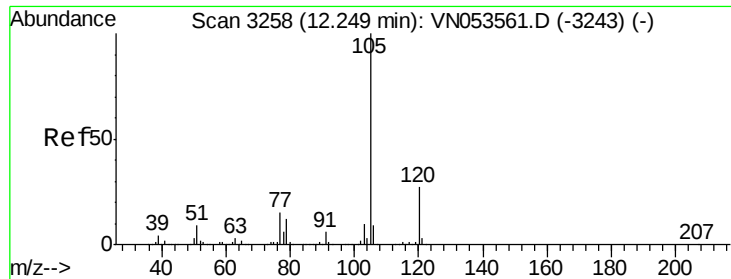
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	163.2	0.0	349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.243 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

Tot Ion: 105 Resp: 609848

Ion Ratio Lower Upper

105 100

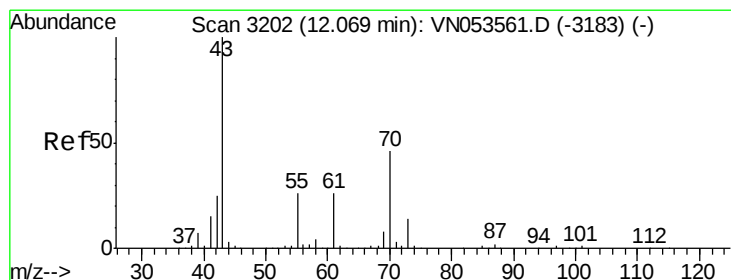
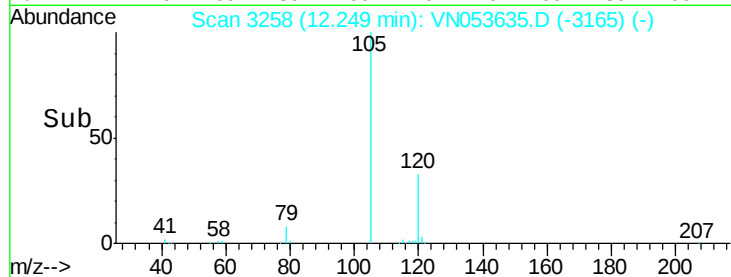
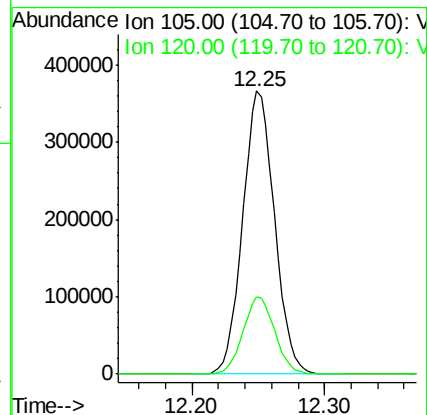
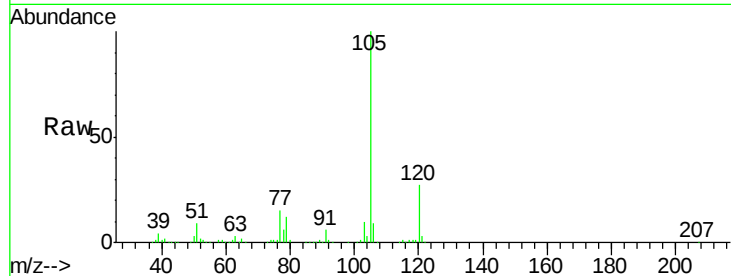
120 27.1 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.535 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion: 43 Resp: 148763

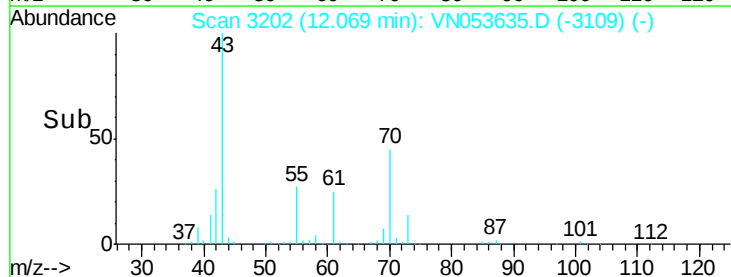
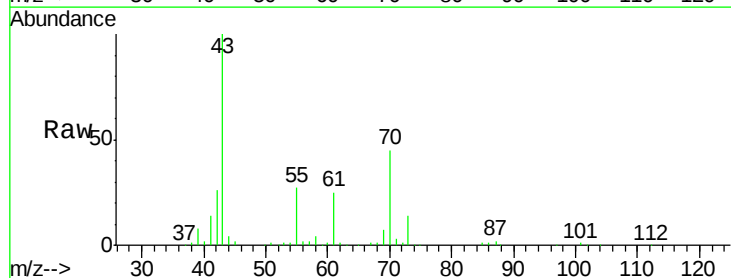
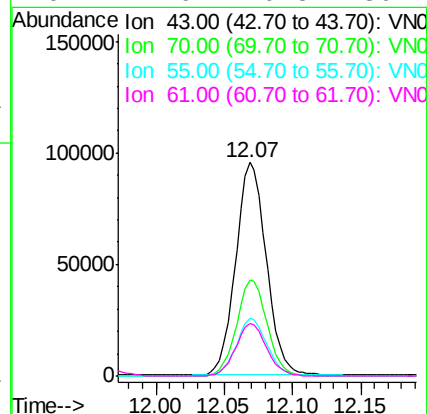
Ion Ratio Lower Upper

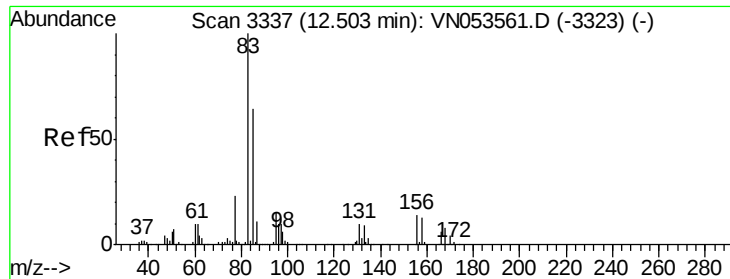
43 100

70 45.0 35.4 53.2

55 27.2 20.9 31.3

61 24.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.627 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

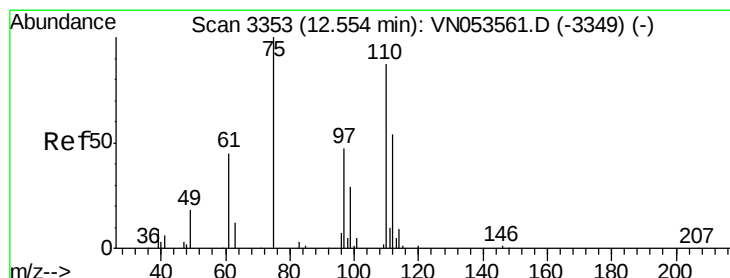
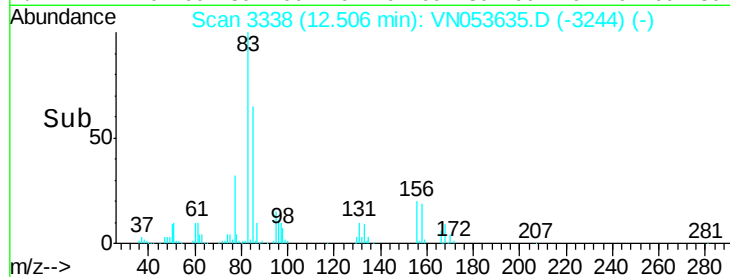
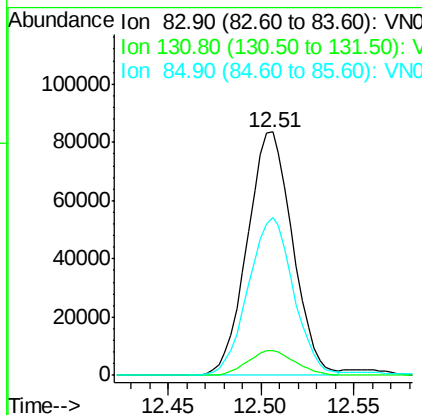
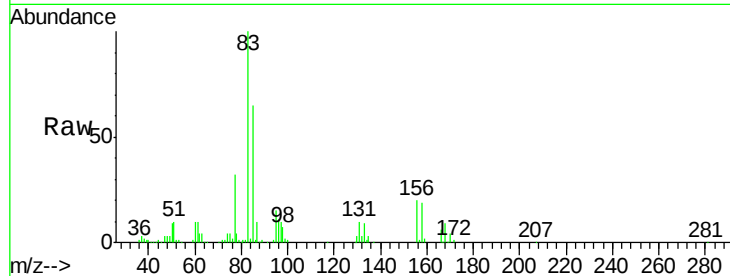
ClientSampleId :

VN0206WBSD01

Tot Ion:	83	Resp:	141510
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.8
85	64.9	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.754 ug/l m

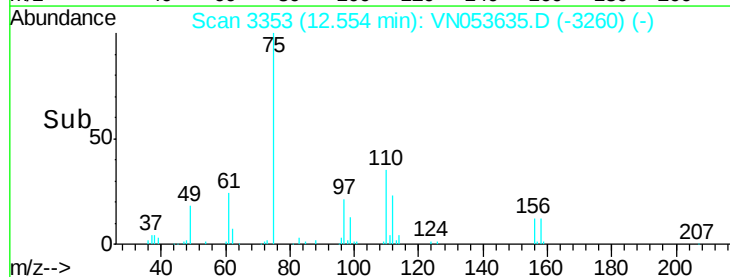
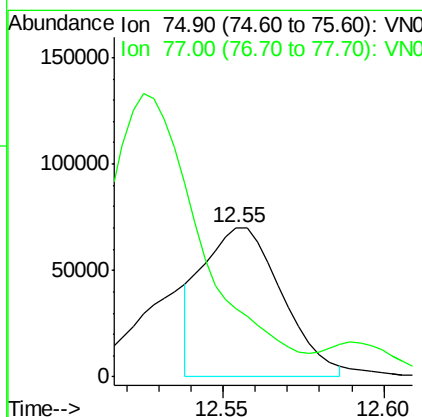
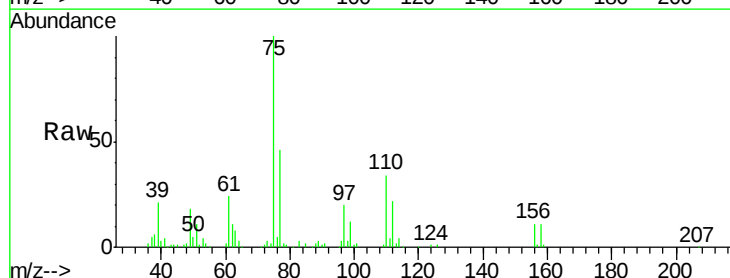
RT: 12.55 min Scan# 3353

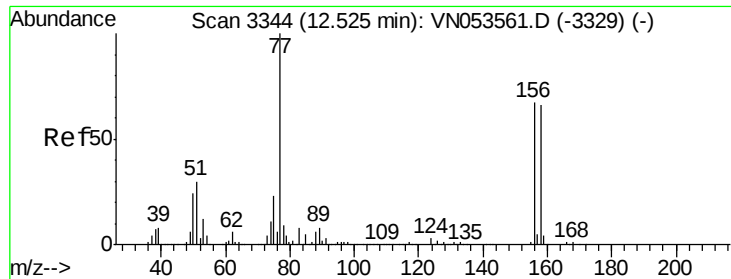
Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	75	Resp:	119746
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.942 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

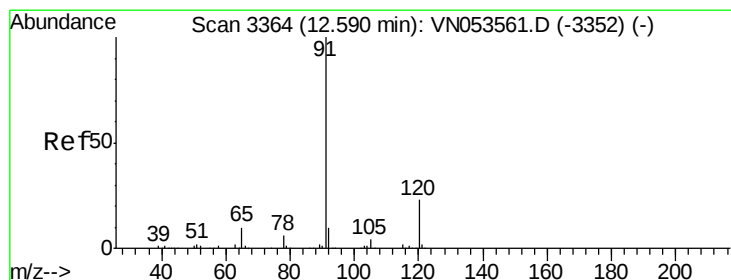
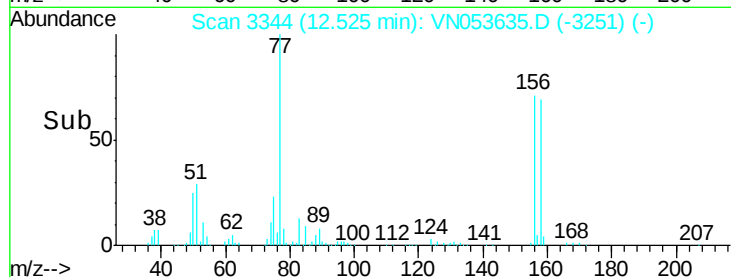
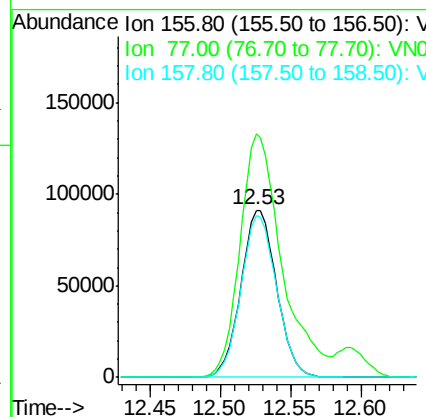
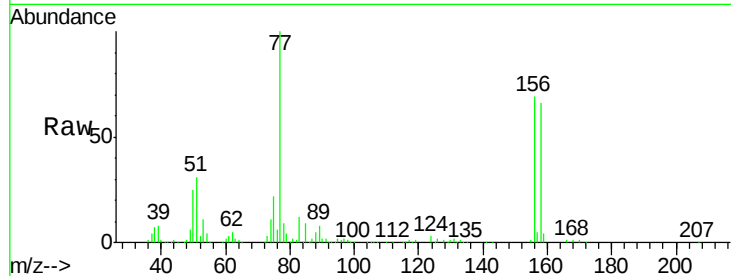
ClientSampled :

VN0206WBSD01

Tot Ion:	156	Resp:	161914
Ion Ratio	Lower	Upper	
156	100		
77	171.1	87.9	263.8
158	96.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.015 ug/l

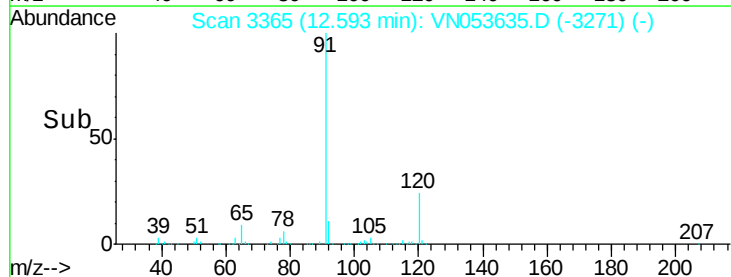
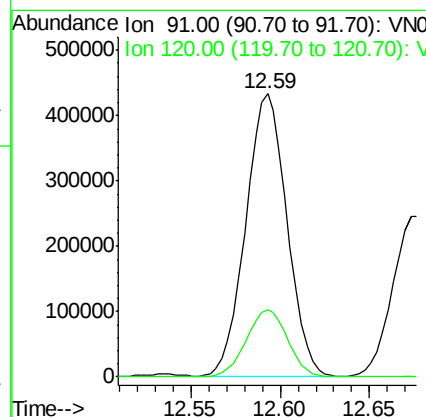
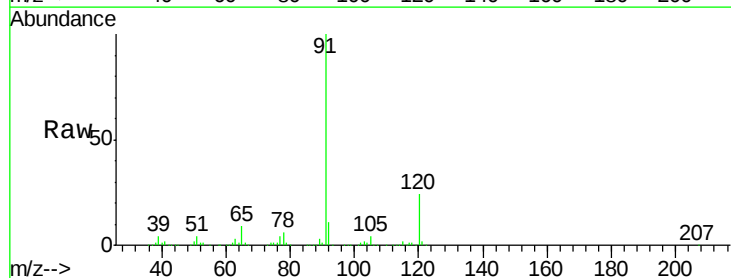
RT: 12.59 min Scan# 3365

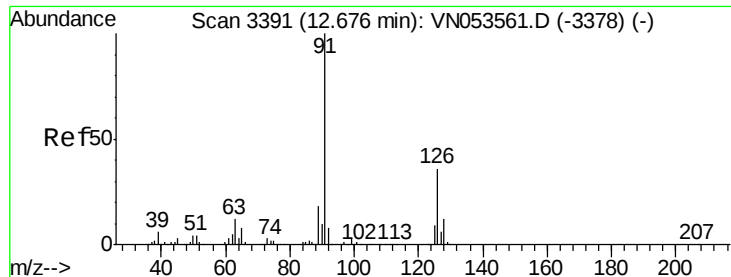
Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	91	Resp:	697058
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.5





#79

2-Chlorotoluene

Concen: 20.203 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampled :

VN0206WBSD01

Tot Ion: 91 Resp: 417437

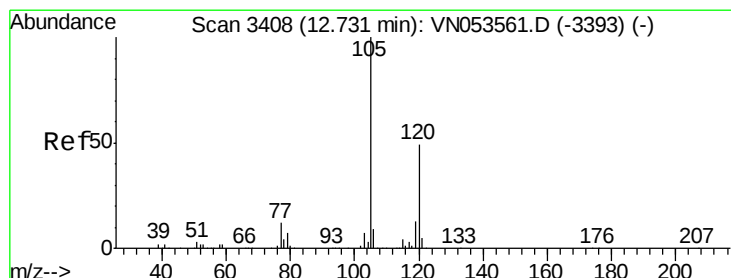
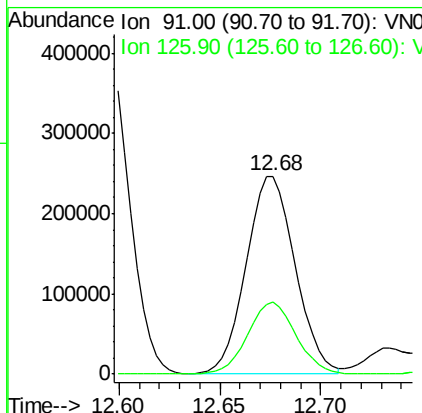
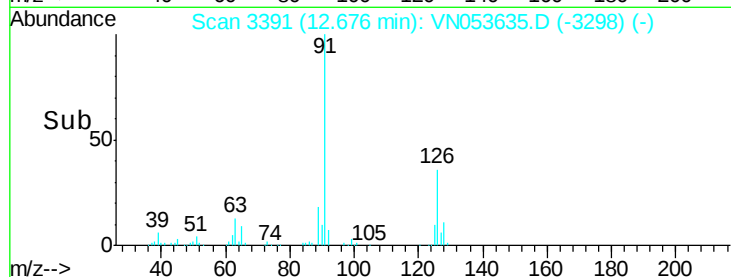
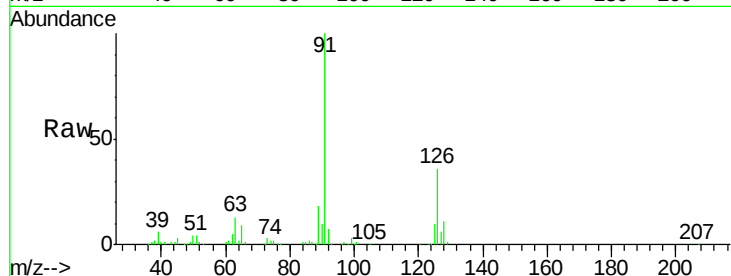
Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.712 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053635.D

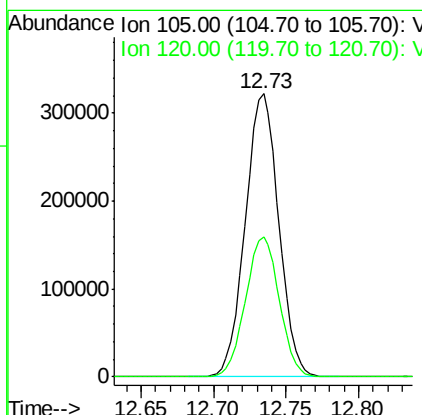
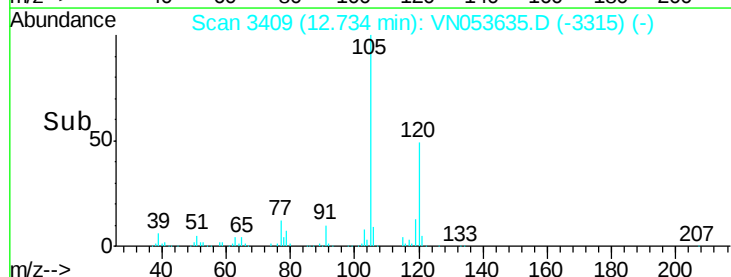
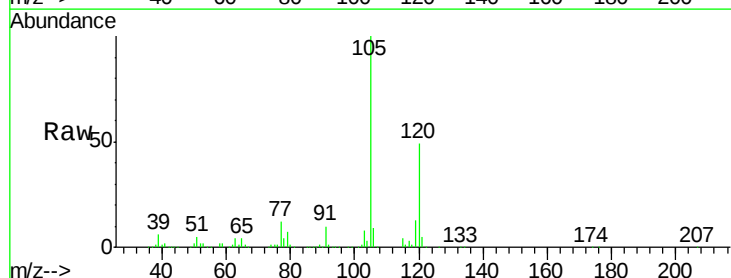
Acq: 6 Feb 2019 15:23

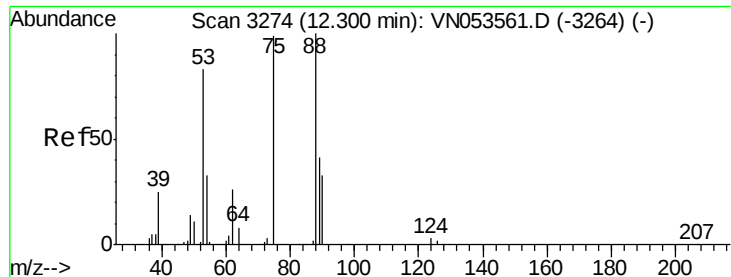
Tgt Ion: 105 Resp: 517433

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.6





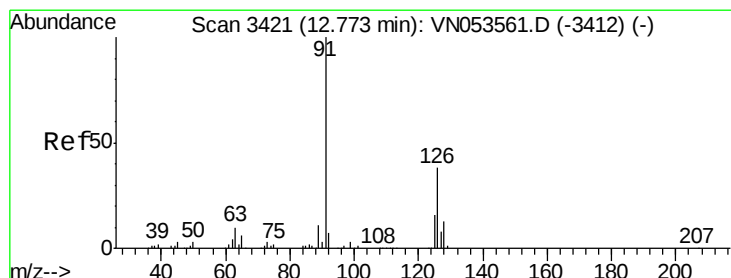
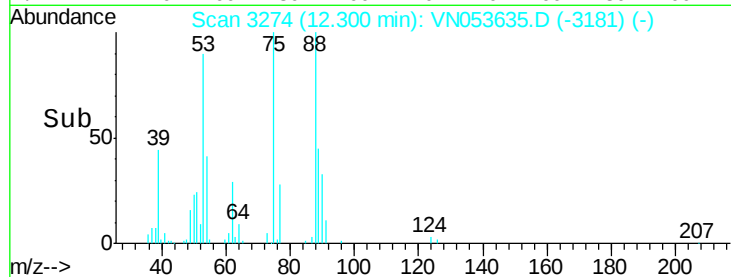
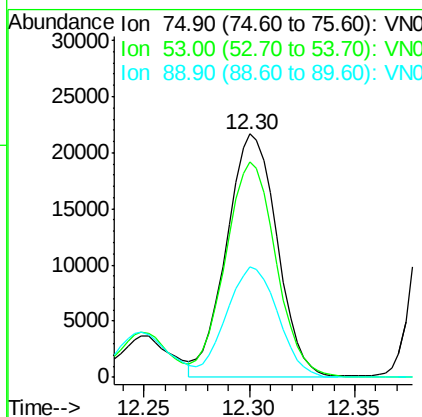
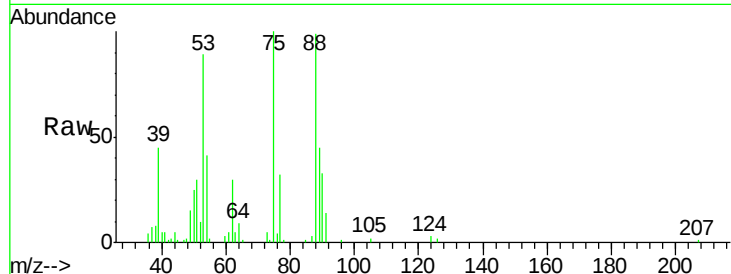
#81
trans-1,4-Dichloro-2-butene
Concen: 18.473 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.8	69.8	104.6
89	46.0	35.6	53.4

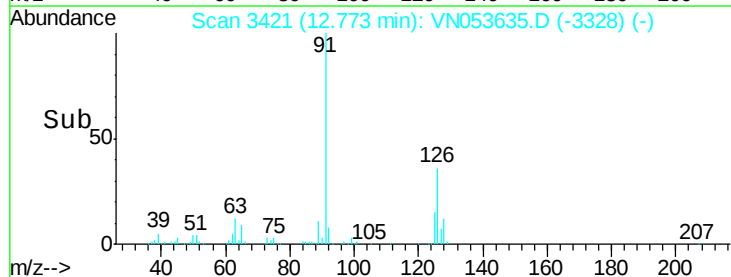
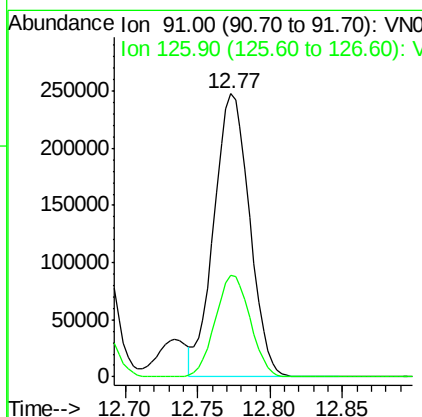
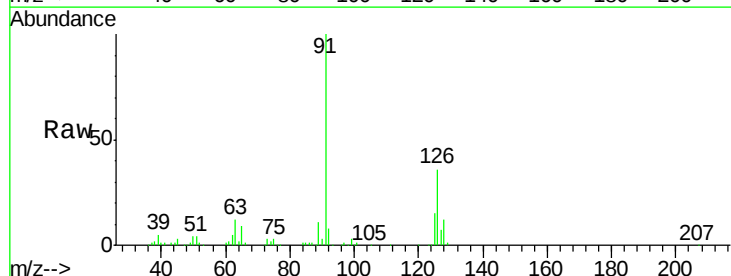
Manual Integrations
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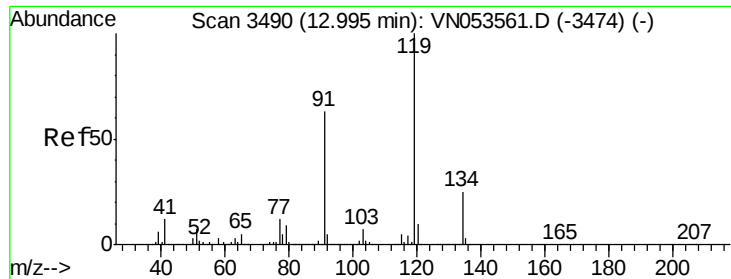
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#82
4-Chlorotoluene
Concen: 19.851 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.6	52.9





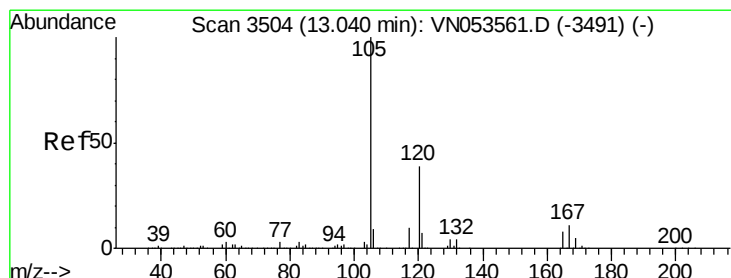
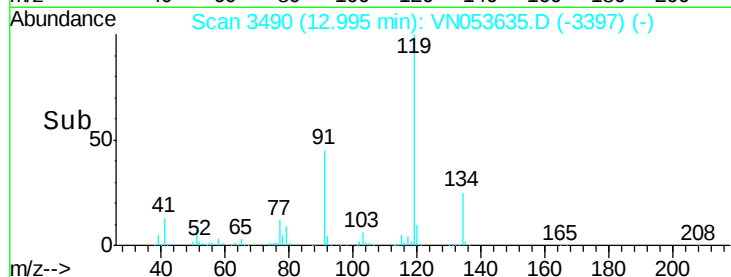
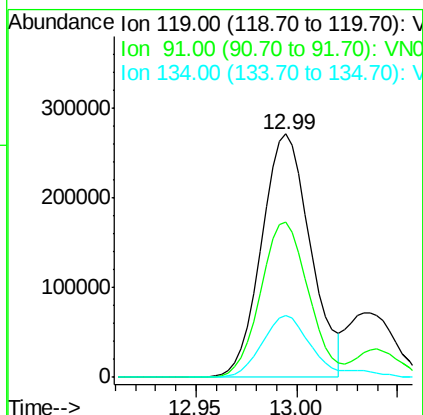
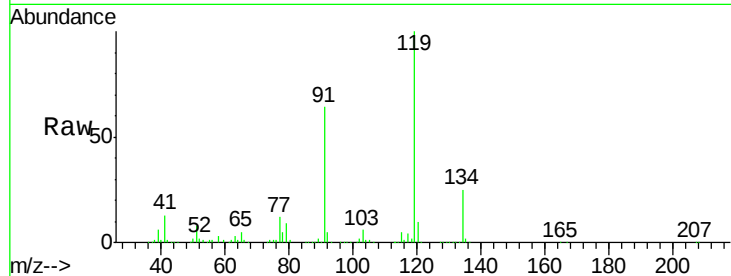
#83
tert-Butylbenzene
Concen: 20.756 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.3	93.8
134	26.7	12.9	38.7

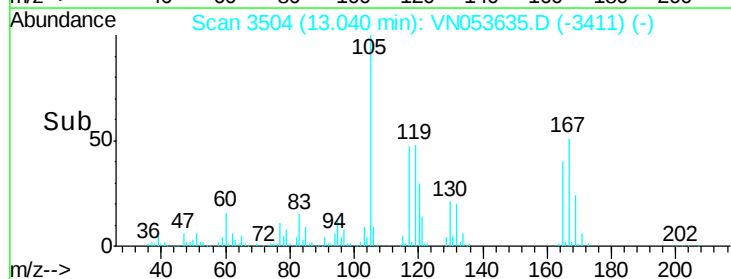
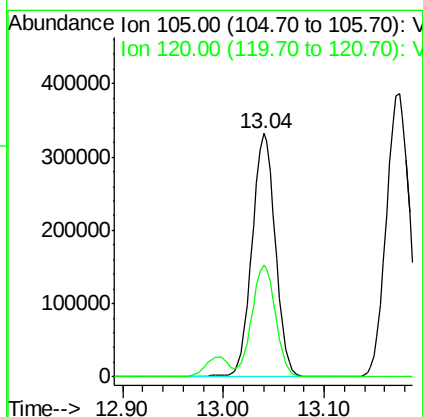
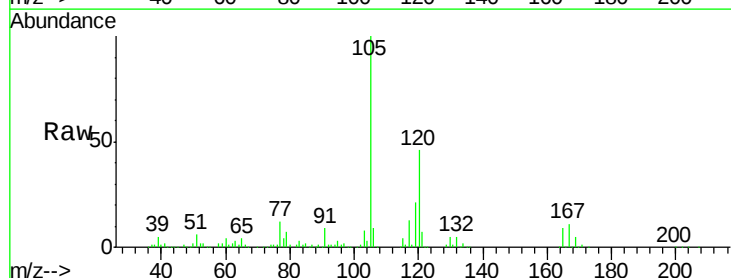
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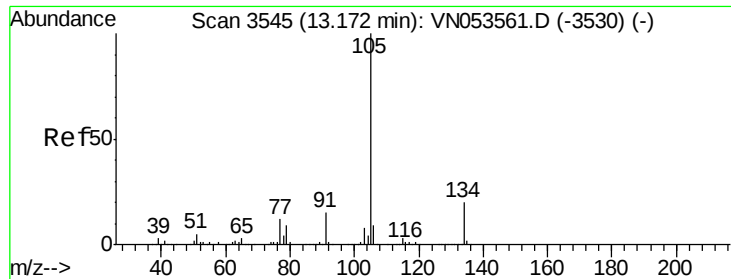
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#84
1,2,4-Trimethylbenzene
Concen: 20.701 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 20.777 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampled :

VN0206WBSD01

Tot Ion:105 Resp: 624261

Ion Ratio Lower Upper

105 100

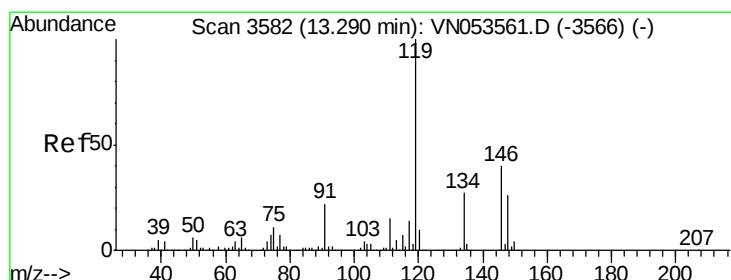
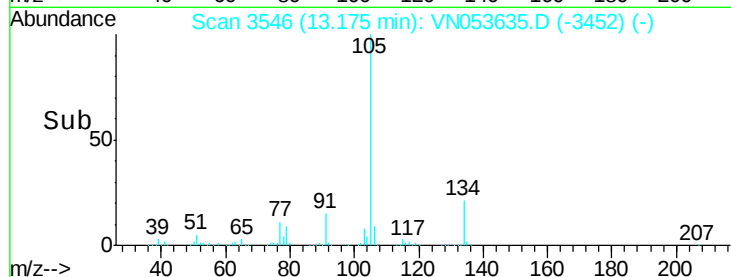
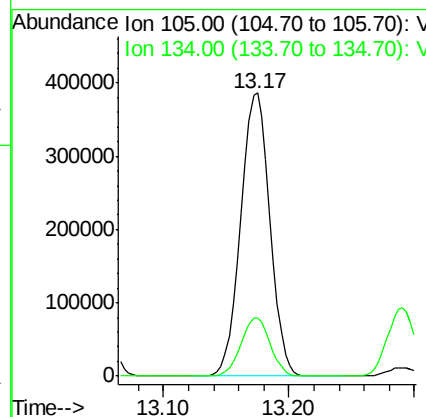
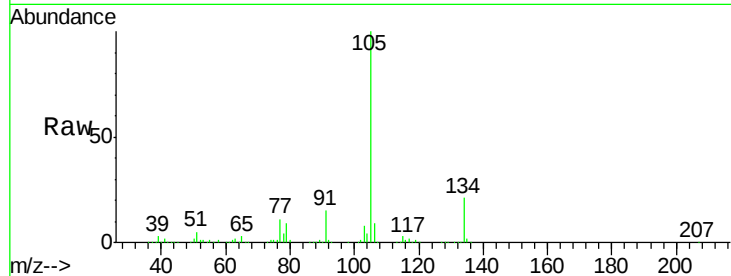
134 20.5 10.2 30.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.371 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

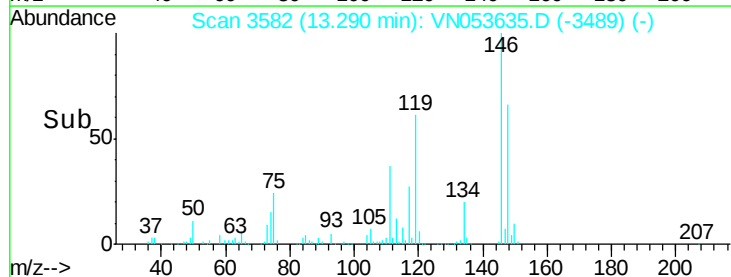
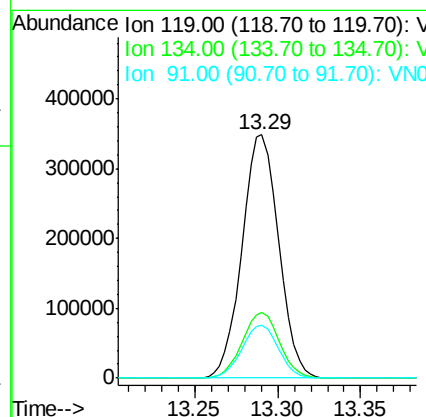
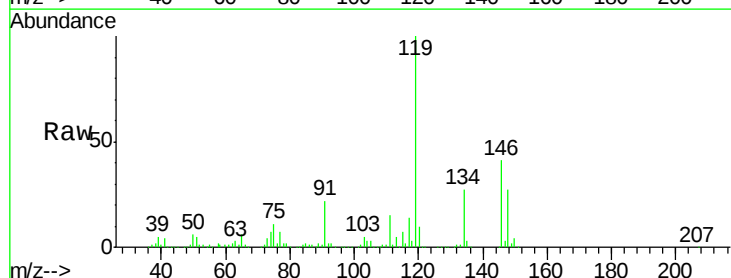
Tgt Ion:119 Resp: 535312

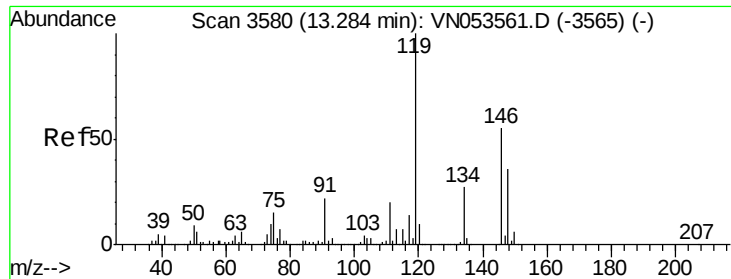
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 21.6 11.0 33.0





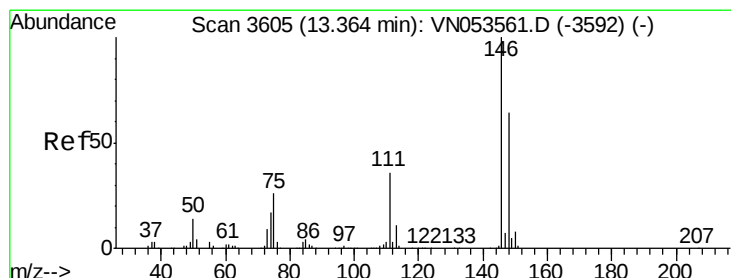
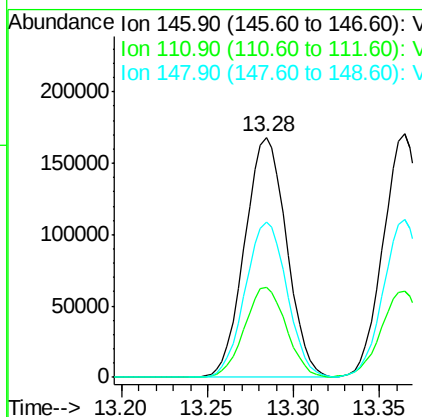
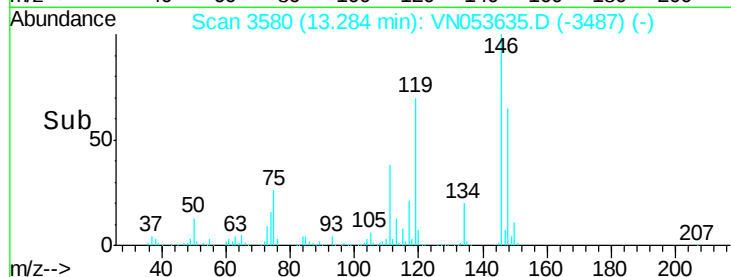
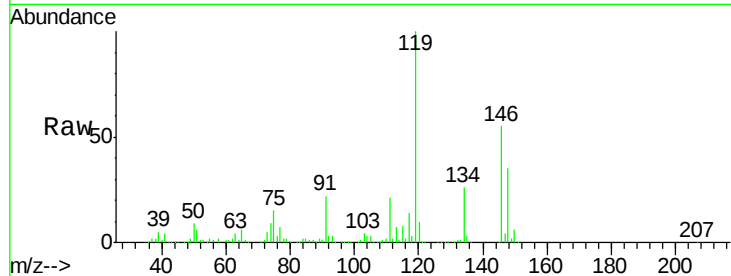
#87
 1,3-Dichlorobenzene
 Concen: 19.482 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	284351		
111	37.2	18.8	56.3	
148	64.4	32.0	96.2	

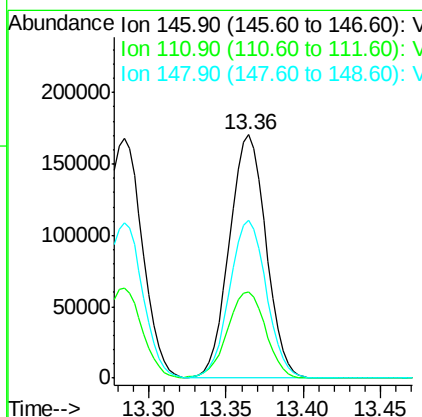
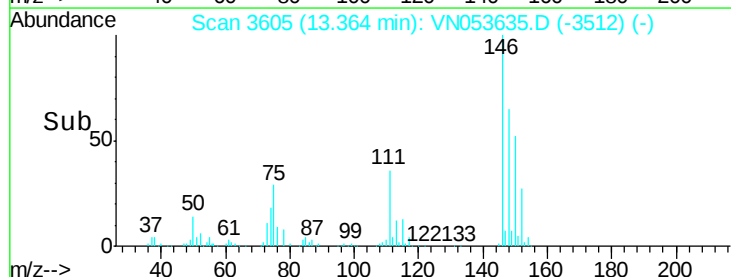
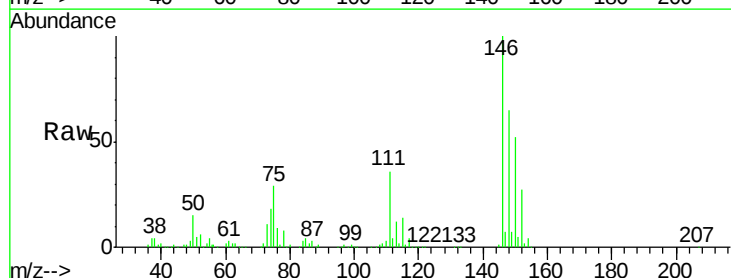
Manual Integrations
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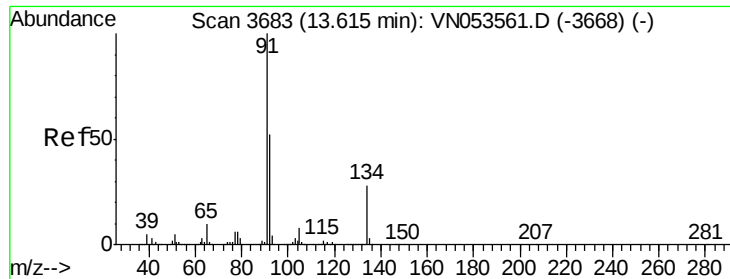
MMDadoda
 2/7/2019 11:04:26 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.427 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280480		
111	37.1	18.6	55.8	
148	65.1	32.4	97.0	





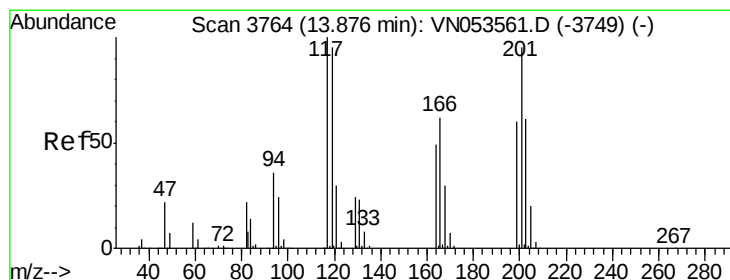
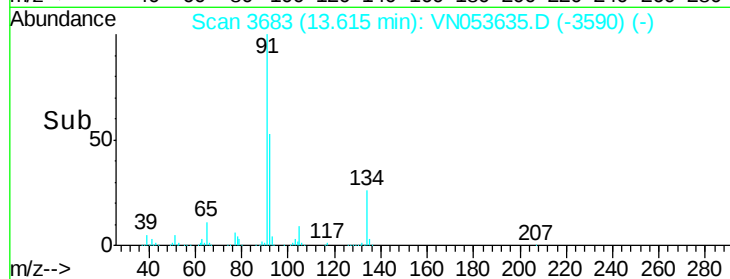
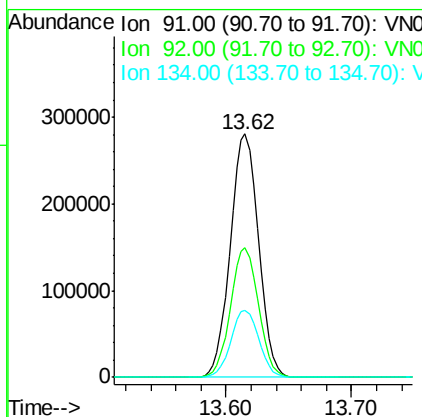
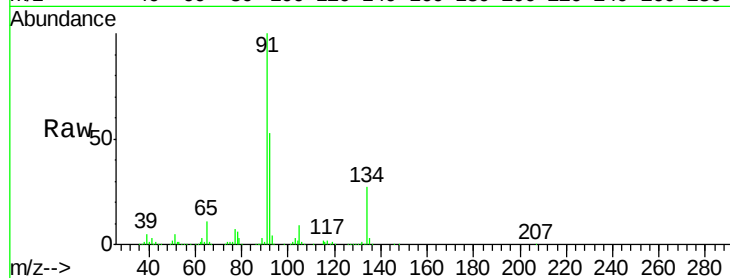
#89
n-Butylbenzene
Concen: 19.283 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		438598		
92	52.6	26.3	78.8		
134	27.3	13.5	40.5		

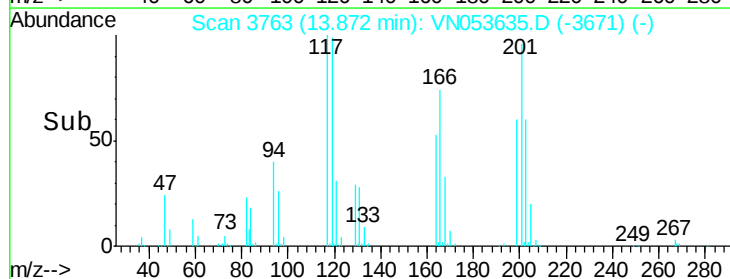
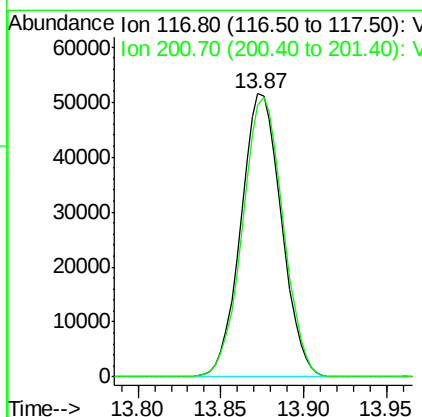
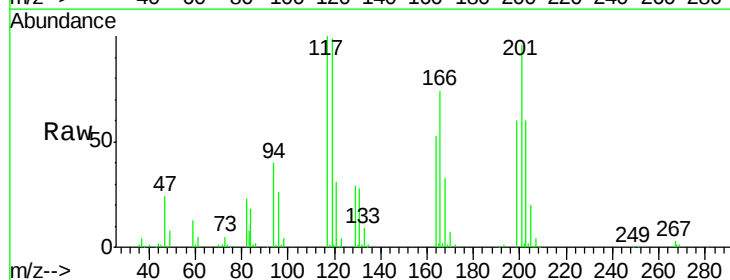
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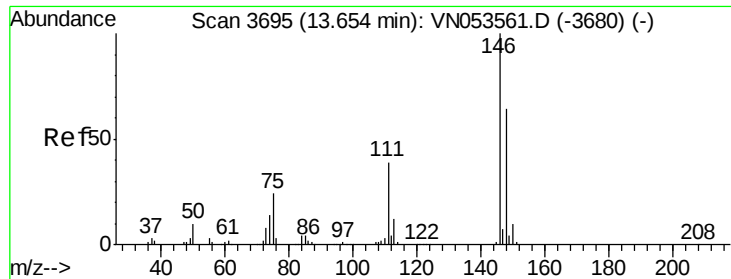
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#90
Hexachloroethane
Concen: 20.149 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053635.D
Acq: 6 Feb 2019 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		87337		
201	99.1	46.8	140.4		





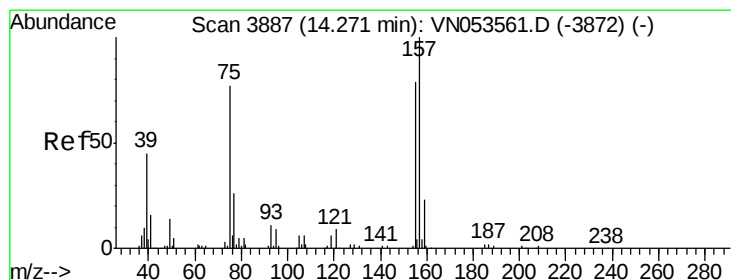
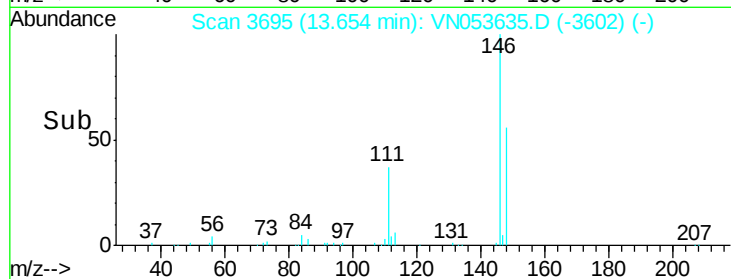
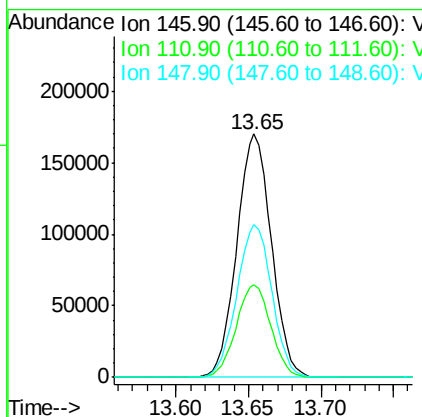
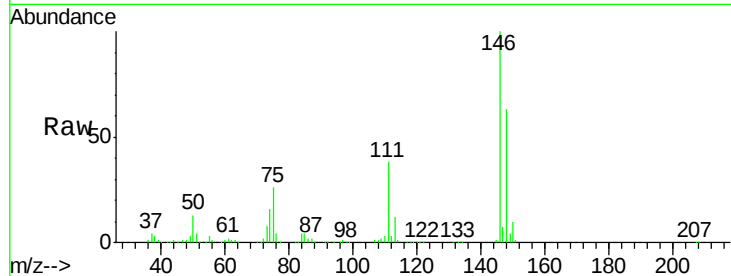
#91
 1,2-Dichlorobenzene
 Concen: 20.162 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	63.6	31.9	95.9

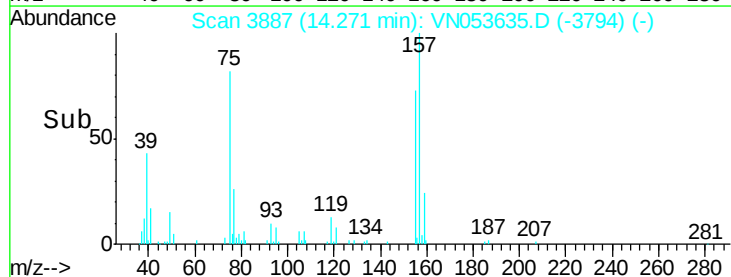
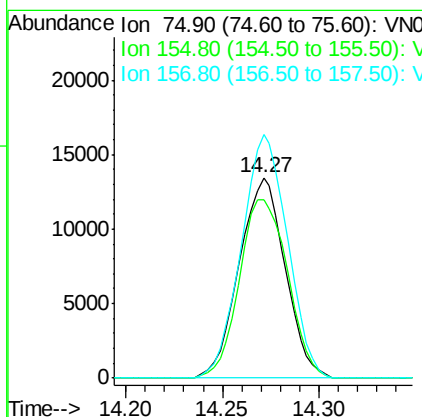
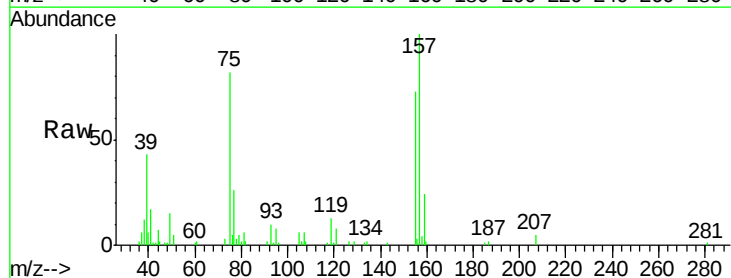
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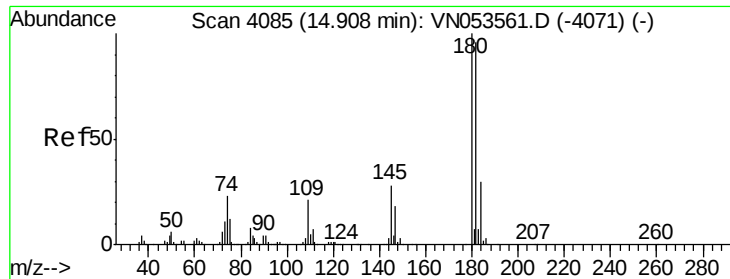
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.649 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	48.9	146.7
157	121.9	63.7	191.3





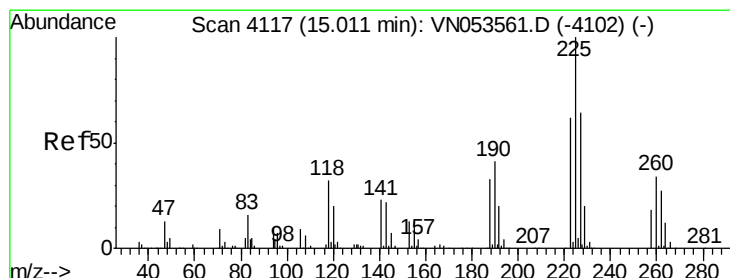
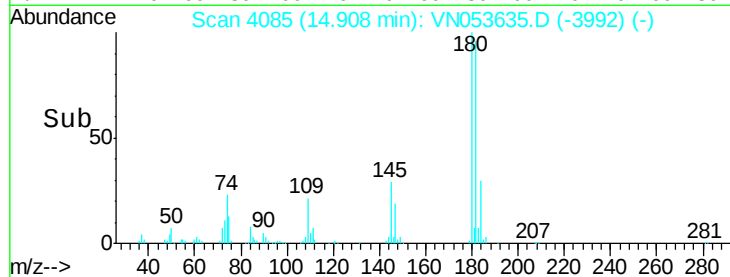
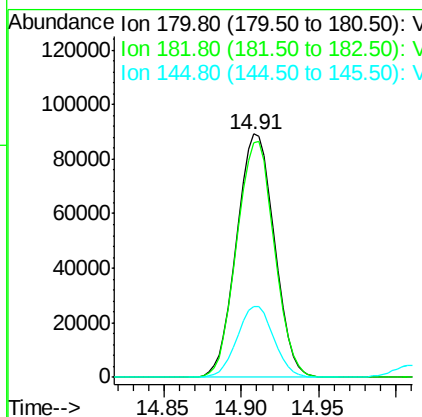
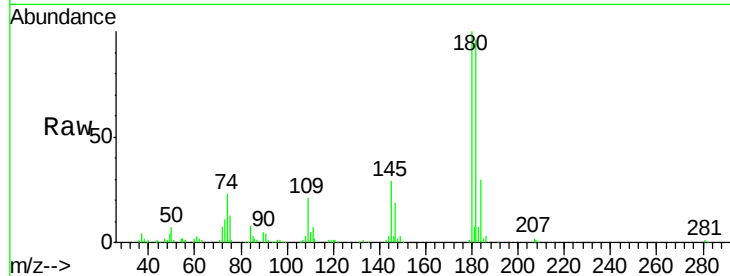
#93
 1,2,4-Trichlorobenzene
 Concen: 18.974 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152059		
182	96.4	48.1	144.3	
145	28.2	13.9	41.6	

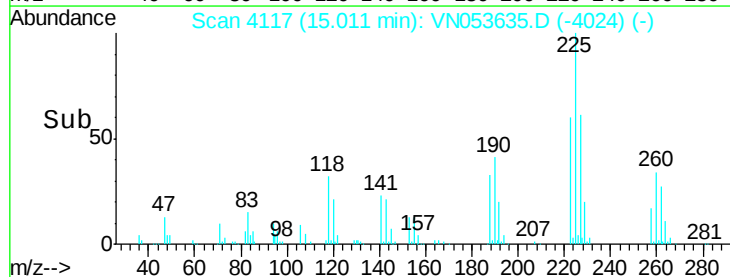
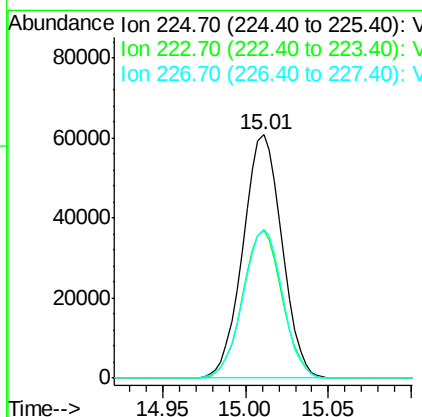
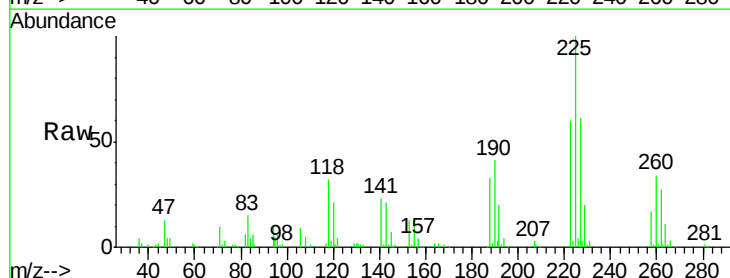
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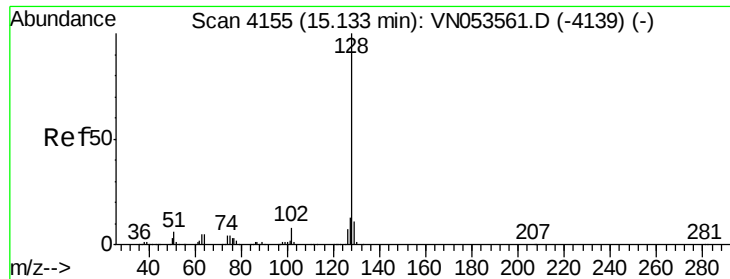
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#94
 Hexachlorobutadiene
 Concen: 19.958 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN053635.D
 Acq: 6 Feb 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99606		
223	61.4	31.1	93.2	
227	61.9	32.0	96.2	





#95

Naphthalene

Concen: 18.093 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Instrument :

MSVOA_N

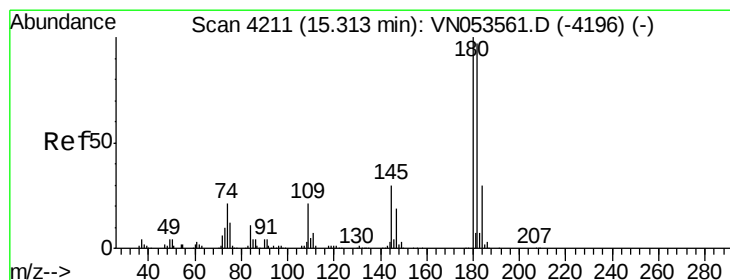
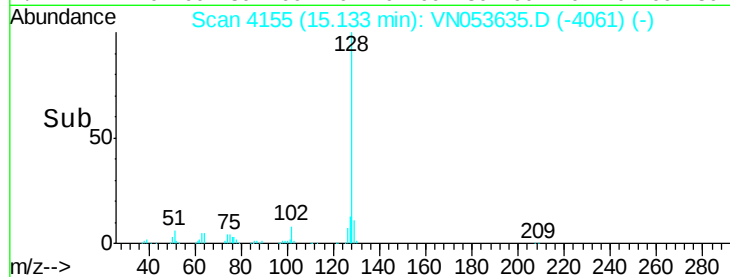
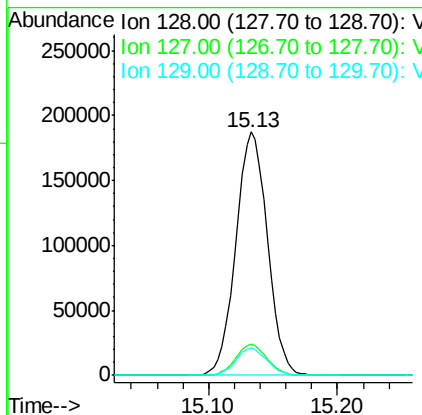
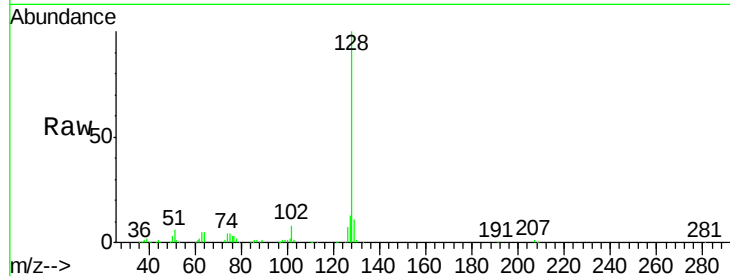
ClientSampleId :

VN0206WBSD01

Tot Ion:	128	Resp:	319000
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.485 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053635.D

Acq: 6 Feb 2019 15:23

Tgt Ion:	180	Resp:	144886
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.9	143.8
145	28.9	14.7	44.1

