

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051314.D
 Acq On : 19 Sep 2018 13:12
 Operator : MD\SY
 Sample : VN0919WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0919WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:07 PM

Quant Time: Sep 19 16:06:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	103950	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	549954	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	476048	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	185076	27.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.00%
60) 4-Bromofluorobenzene	12.40	95	204200	28.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.17%
63) Toluene-d8	10.09	98	672005	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	107911	16.72	ug/l	100
3) Chloromethane	2.06	50	142413	18.68	ug/l	100
4) Vinyl Chloride	2.18	62	146076	19.39	ug/l	99
5) Bromomethane	2.57	94	82852	18.05	ug/l	99
6) Chloroethane	2.70	64	87370	19.67	ug/l	99
7) Trichlorofluoromethane	3.02	101	199300	19.96	ug/l	97
8) Diethyl Ether	3.41	74	66793	18.97	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	122023	19.73	ug/l	96
10) 1,1-Dichloroethene	3.74	96	111780	19.90	ug/l	98
11) Methyl Iodide	3.95	142	108223	20.65	ug/l	99
12) Methyl Acetate	4.33	43	87851	13.53	ug/l	100
13) Acrolein	3.61	56	31230	217.15	ug/l	100
14) Acrylonitrile	4.99	53	179289	81.64	ug/l	98
15) Acetone	3.82	58	44515	79.22	ug/l	88
16) Carbon Disulfide	4.05	76	326369	19.32	ug/l	100
17) Allyl chloride	4.33	41	159394	18.04	ug/l	96
18) Methylene Chloride	4.55	84	129463	19.64	ug/l	98
19) trans-1,2-Dichloroethene	5.04	96	122519	20.47	ug/l	96
20) Diisopropyl ether	5.95	45	349559	19.05	ug/l	96
21) 1,1-Dichloroethane	5.85	63	219326	19.50	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	134653	19.92	ug/l	99
23) tert-Butyl Alcohol	4.79	59	33819	72.41	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	280231	18.24	ug/l	99
25) Chloroform	7.37	83	226592	20.18	ug/l	99
26) Cyclohexane	7.65	56	176882	18.98	ug/l #	97
29) 1,1-Dichloropropene	7.79	75	167445	20.34	ug/l	99
30) 2-Butanone	6.84	43	186686	73.71	ug/l	98
31) 2,2-Dichloropropane	6.82	77	174640	21.80	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	194036	20.78	ug/l	98
33) Carbon Tetrachloride	7.78	117	176967	21.05	ug/l	96
34) Benzene	8.04	78	516177	20.27	ug/l	97
35) Methacrylonitrile	7.18	41	43108	15.53	ug/l	98
36) 1,2-Dichloroethane	8.13	62	155122	20.14	ug/l	100
37) Trichloroethene	8.84	130	139636	20.98	ug/l	94
38) Methylcyclohexane	9.08	83	176309	19.94	ug/l	99
39) 1,2-Dichloropropane	9.12	63	133435	20.06	ug/l	100
40) Dibromomethane	9.21	93	80048	19.98	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	169691	20.09	ug/l	99
42) Vinyl Acetate	5.90	43	1072108	91.90	ug/l	98
43) Ethyl Acetate	6.93	43	86660	16.70	ug/l	97
44) Isopropyl Acetate	8.17	43	164405	17.96	ug/l	100
45) 1,4-Dioxane	9.20	88	22706	333.85	ug/l	97
46) Methyl methacrylate	9.20	41	73743	16.08	ug/l	97
47) n-amyl Acetate	12.07	43	106623	14.48	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	156902	18.95	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	190840	20.06	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	115365	19.81	ug/l	97
51) Ethyl methacrylate	10.43	69	123905	17.39	ug/l	97
52) 1,3-Dichloropropane	10.71	76	186317	19.32	ug/l	99
53) Dibromochloromethane	10.90	129	132703	20.04	ug/l	100
54) 1,2-Dibromoethane	11.01	107	110241	19.15	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	232152	78.32	ug/l	97
56) Bromoform	12.13	173	91010	19.33	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	424578	77.95	ug/l	98
59) 2-Hexanone	10.75	43	258071	72.49	ug/l	99
61) Tetrachloroethene	10.63	164	132590	22.35	ug/l	99
62) Toluene	10.16	91	550544	20.73	ug/l	100
64) Chlorobenzene	11.43	112	347758	21.13	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	134216	21.60	ug/l	99
66) Ethyl Benzene	11.51	91	554733	20.16	ug/l	99
67) m/p-Xylenes	11.62	106	450095	42.52	ug/l	98
68) o-Xylene	11.95	106	217268	21.48	ug/l	97
69) Styrene	11.96	104	333794	20.76	ug/l	99
70) Isopropylbenzene	12.25	105	561059	20.88	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.50	83	134689	18.51	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	105949m	16.88	ug/l	
73) Bromobenzene	12.53	156	145003	20.51	ug/l	94
74) n-propylbenzene	12.59	91	608332	20.02	ug/l	97
75) 2-Chlorotoluene	12.67	91	379332	20.55	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	462125	21.04	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	29159	16.30	ug/l	94
78) 4-Chlorotoluene	12.77	91	365209	20.09	ug/l	99
79) tert-butylbenzene	12.99	119	401193	21.03	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	461797	21.09	ug/l	100
81) sec-Butylbenzene	13.17	105	513890	20.59	ug/l	99
82) p-Isopropyltoluene	13.29	119	443304	20.58	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	233794	19.56	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	217022	19.16	ug/l	98
85) n-Butylbenzene	13.62	91	292912	17.82	ug/l	99
86) Hexachloroethane	13.87	117	85621	20.71	ug/l	93
87) 1,2-Dichlorobenzene	13.65	146	233889	19.88	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	16954	16.65	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	72637	13.87	ug/l	99
90) Hexachlorobutadiene	15.01	225	79002	22.20	ug/l	99
91) Naphthalene	15.13	128	122247	16.04	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	80960	15.40	ug/l	98

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QLast Update : Wed Aug 29 01:38:44 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

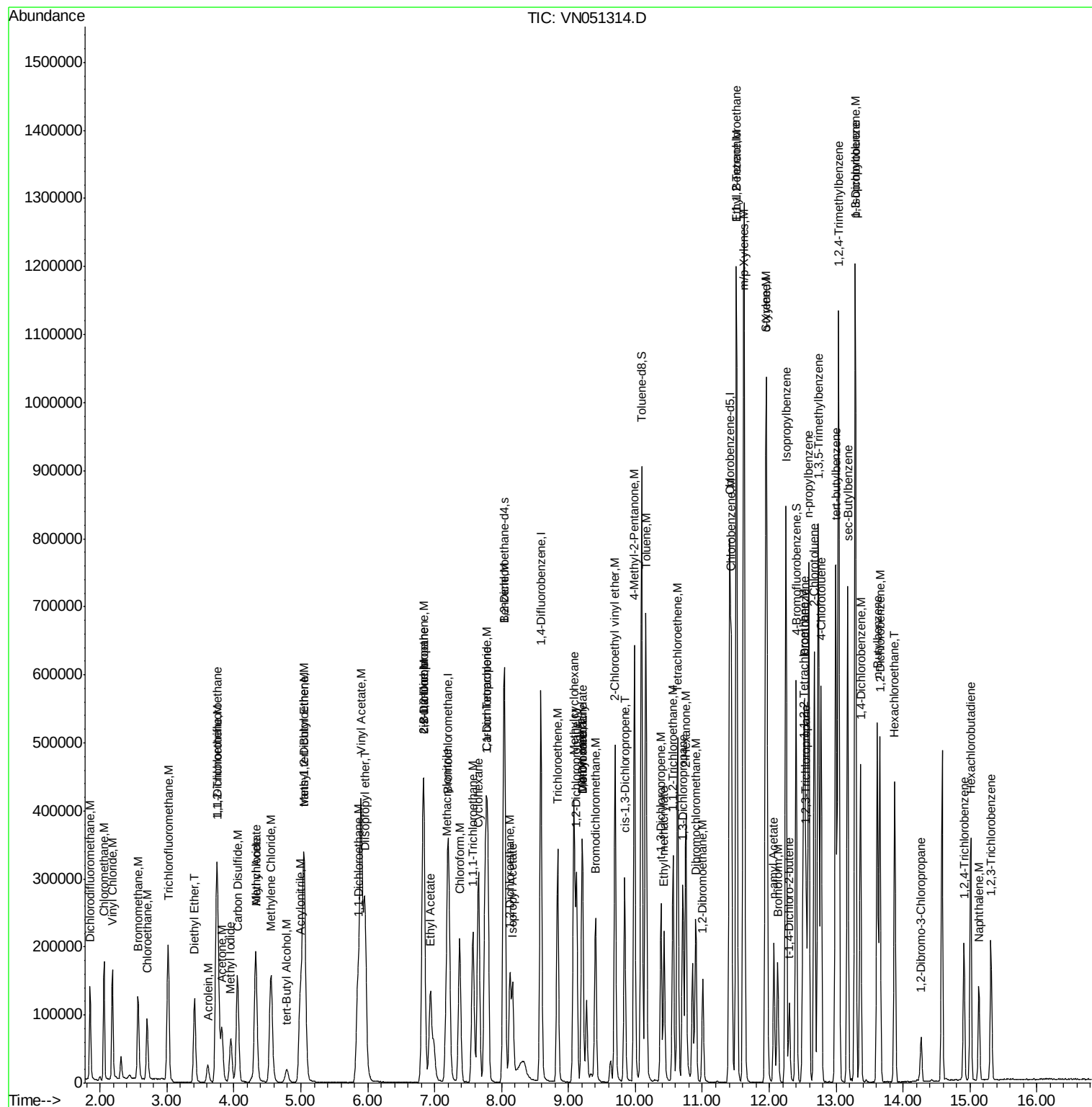
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
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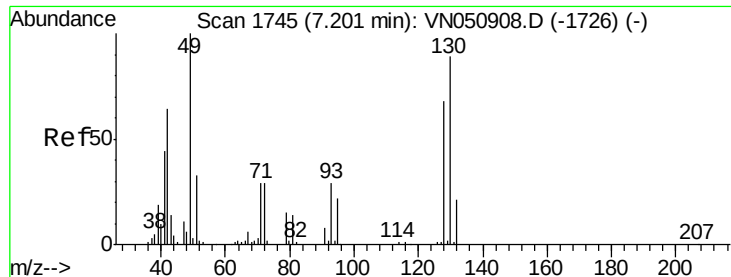
Instrument :
MSVOA_N
Client Sample Id :
VN0919WBS01

Manual Integrations
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9/20/2018 1:42:07 PM

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

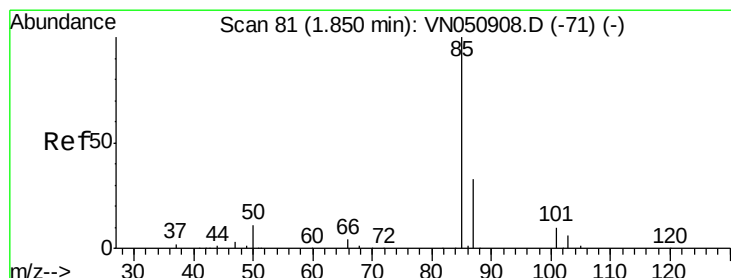
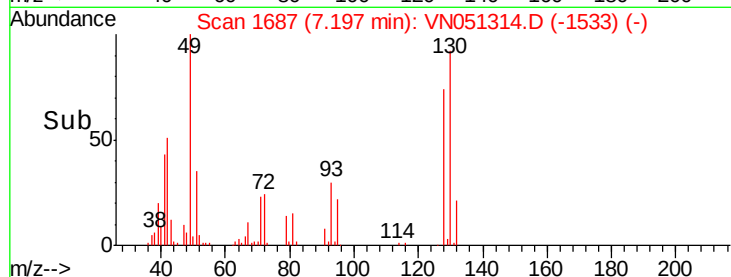
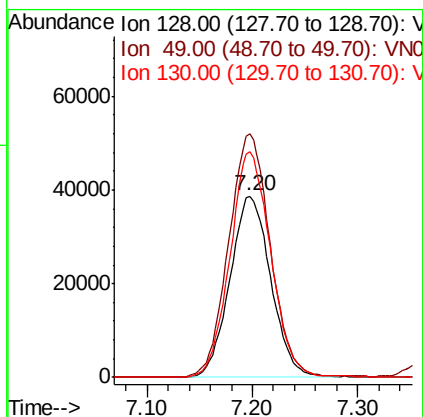
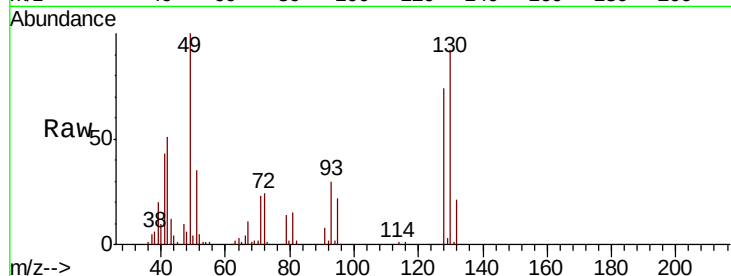
ClientSampleId :

VN0919WBS01

Tot Ion:	128	Resp:	103950
Ion	Ratio	Lower	Upper
128	100		
49	136.4	0.0	380.3
130	123.8	0.0	325.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 16.72 ug/l

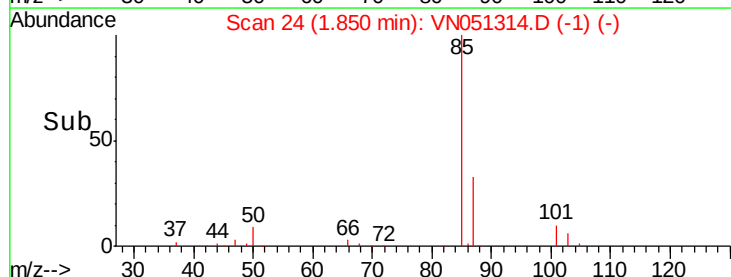
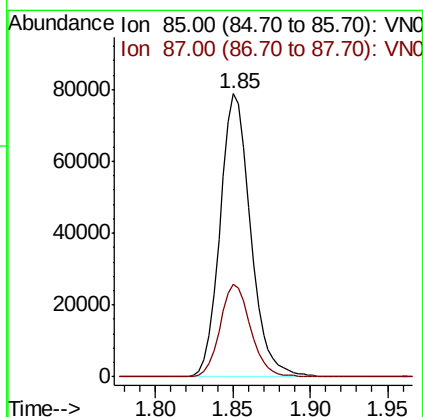
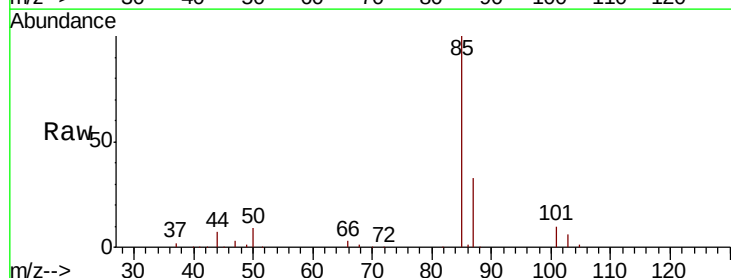
RT: 1.85 min Scan# 24

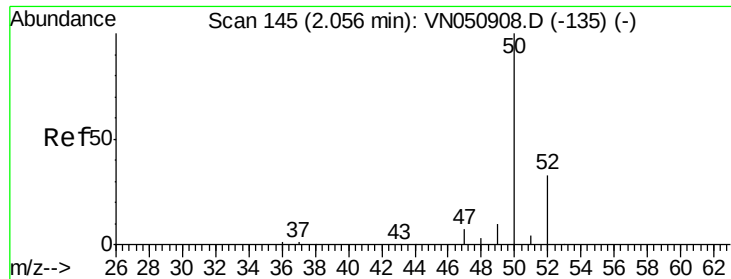
Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Tgt Ion:	85	Resp:	107911
Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.4	49.1





#3

Chloromethane

Concen: 18.68 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 50 Resp: 142413

Ion Ratio Lower Upper

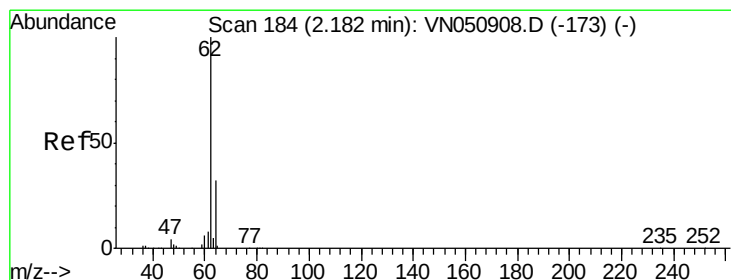
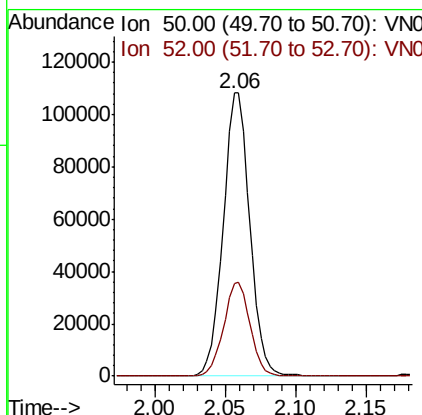
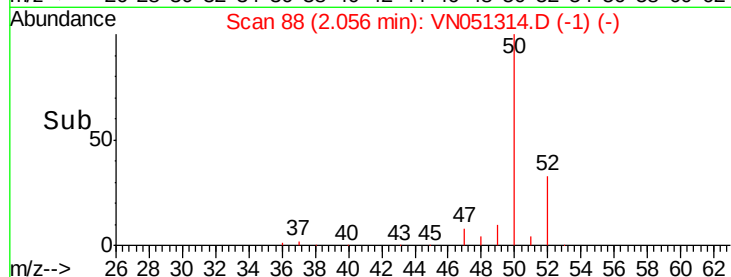
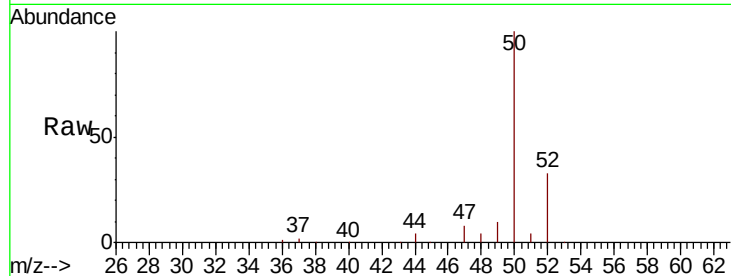
50 100

52 32.5 26.2 39.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.39 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051314.D

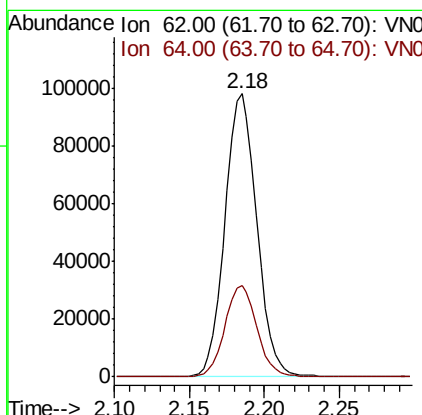
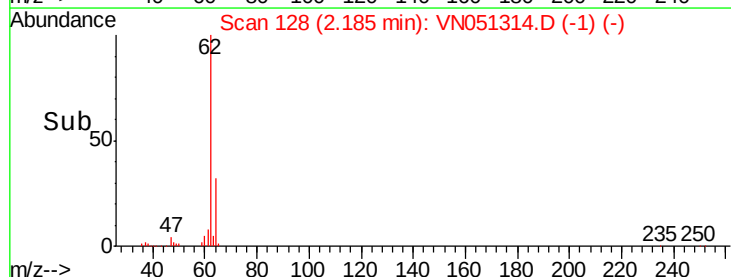
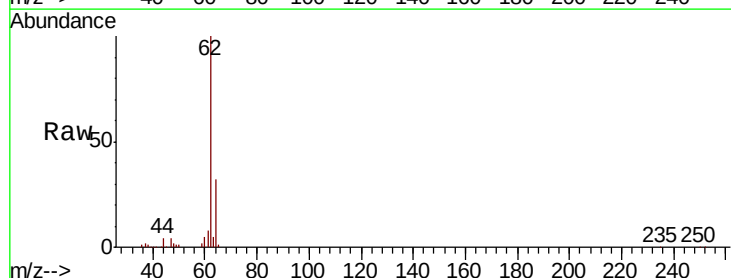
Acq: 19 Sep 2018 13:12

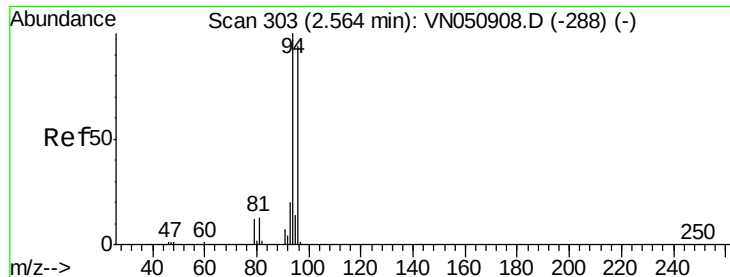
Tgt Ion: 62 Resp: 146076

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 18.05 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 94 Resp: 82852

Ion Ratio Lower Upper

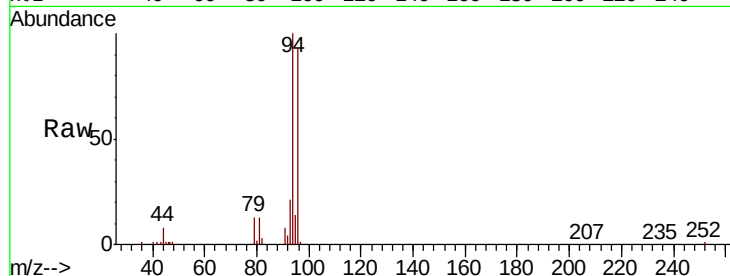
94 100

96 93.0 74.9 112.3

Manual Integrations
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.57

40000

30000

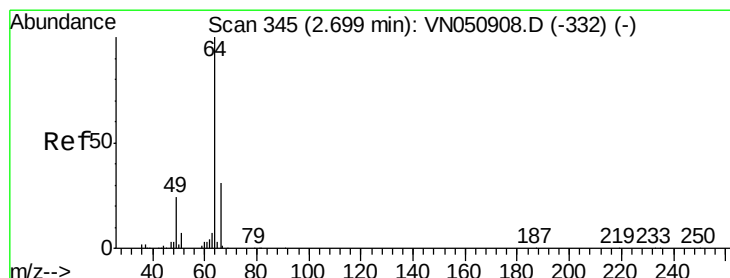
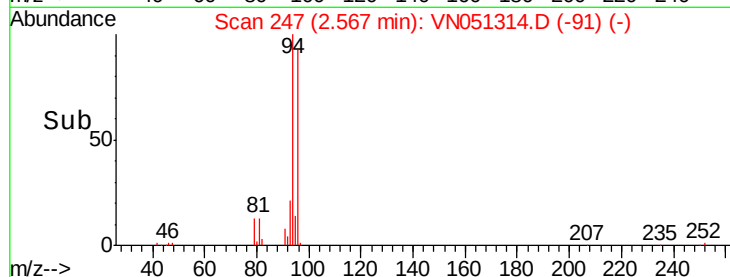
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10000

0

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 19.67 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051314.D

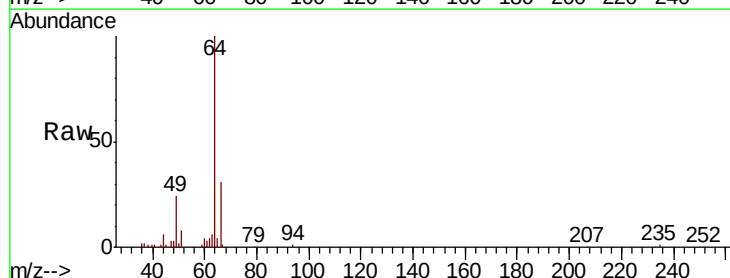
Acq: 19 Sep 2018 13:12

Tgt Ion: 64 Resp: 87370

Ion Ratio Lower Upper

64 100

66 30.9 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.70

40000

30000

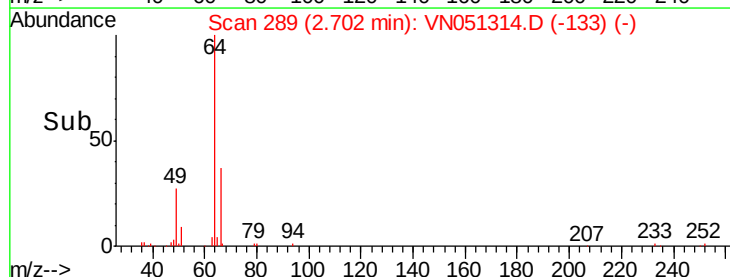
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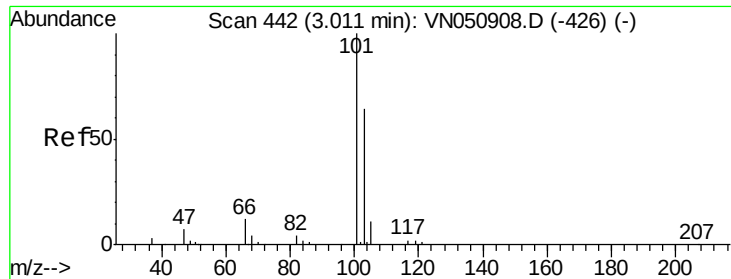
10000

0

2.65 2.70 2.75 2.80

Time-->





#7

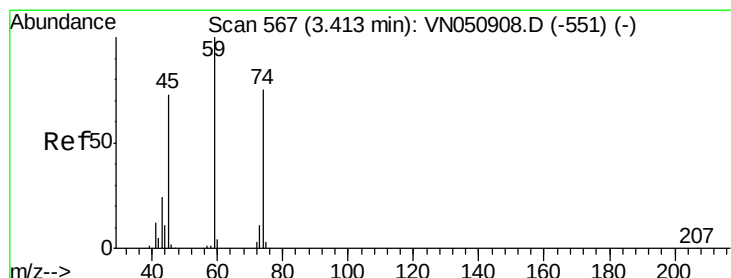
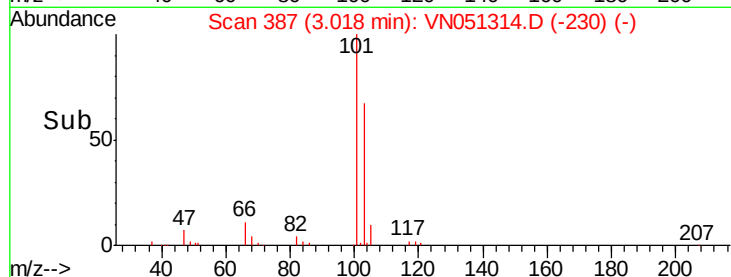
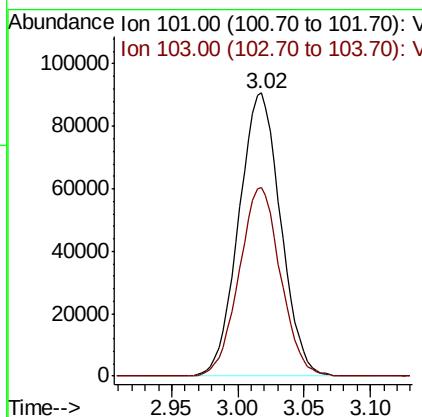
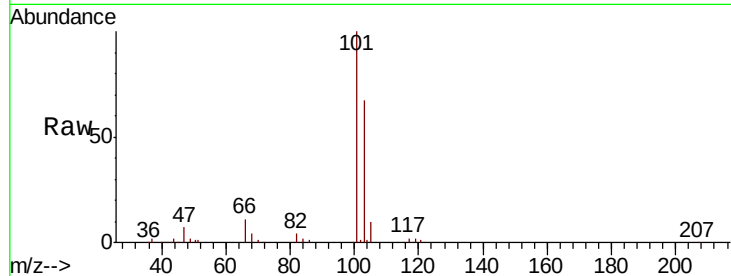
Trichlorofluoromethane
Concen: 19.96 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.01 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	199300		
103	66.7	51.3	76.9	

Manual Integrations
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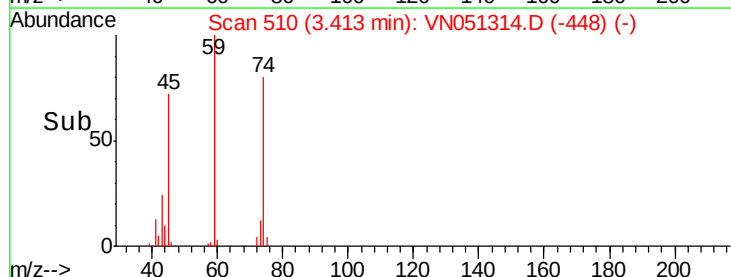
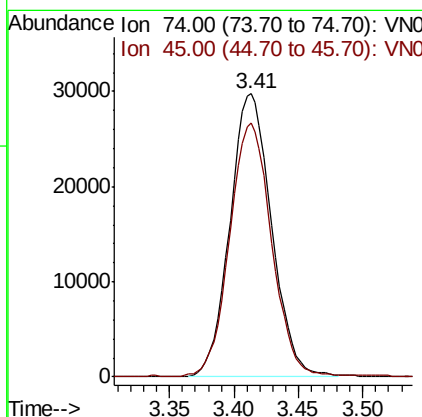
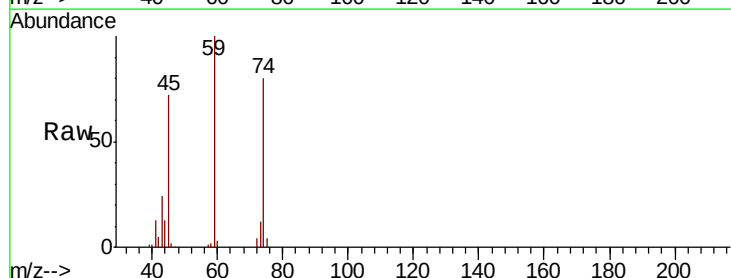
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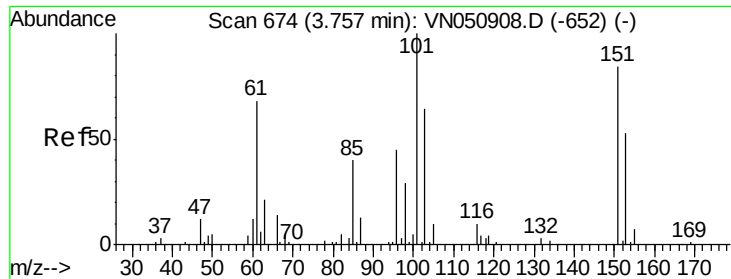


#8

Diethyl Ether
Concen: 18.97 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	66793		
45	90.3	19.7	177.1	





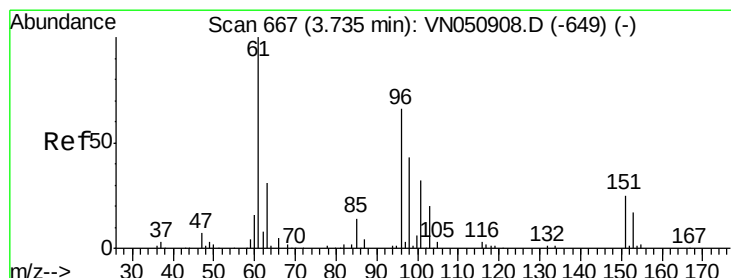
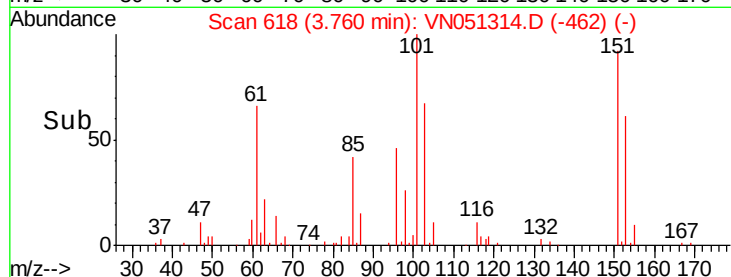
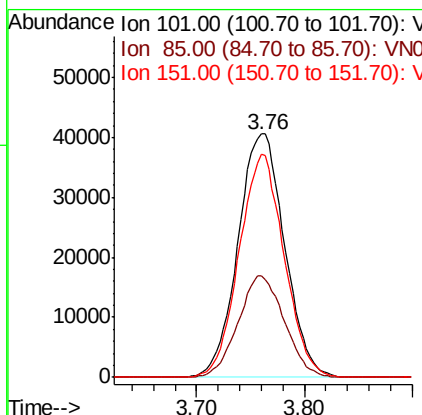
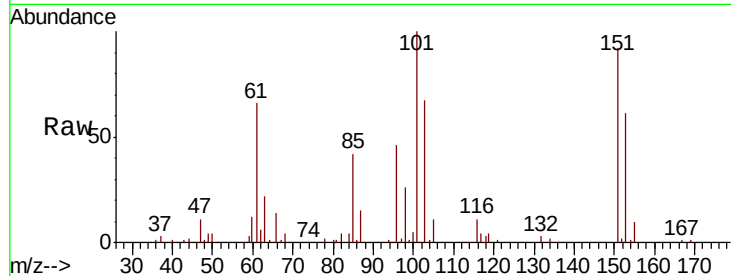
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.73 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
101	100		
85	41.3	0.0	83.6
151	88.3	0.0	167.0

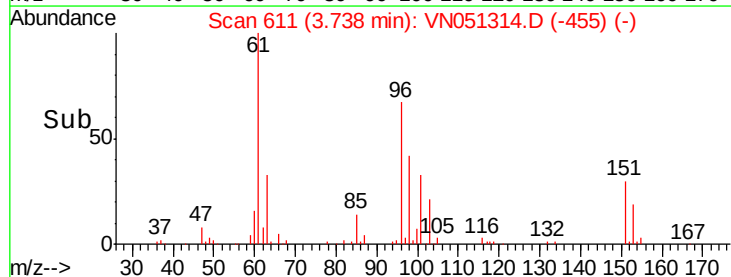
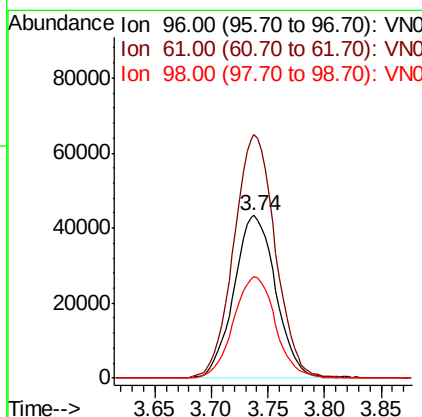
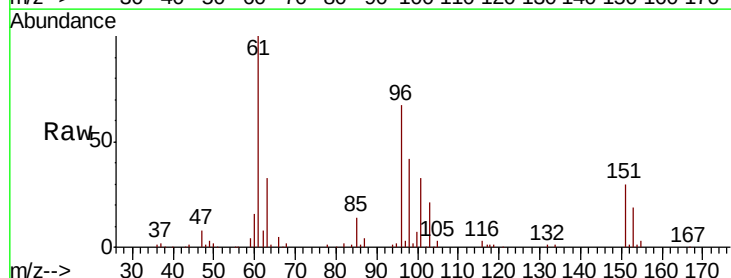
Manual Integrations
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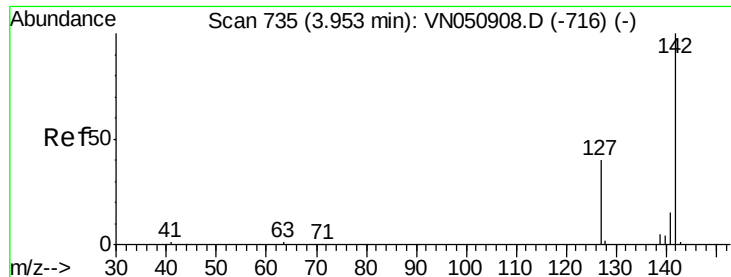
MMDadoda
 9/20/2018 1:42:07 PM



#10
 1,1-Dichloroethene
 Concen: 19.90 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
96	100		
61	149.9	121.8	182.8
98	62.8	52.3	78.5





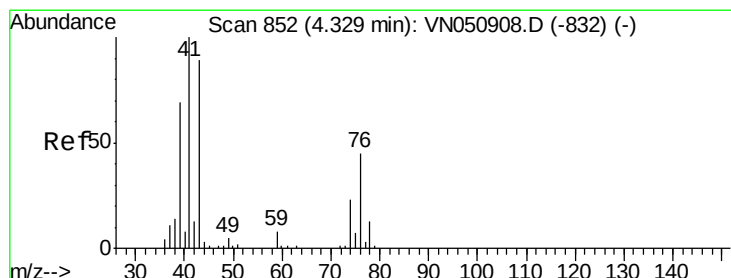
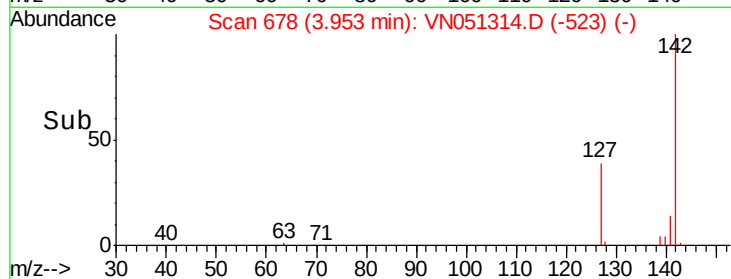
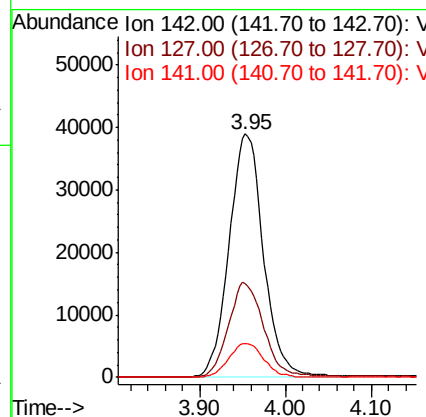
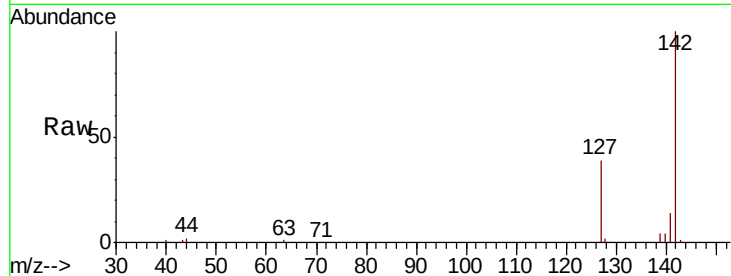
#11
Methvl Iodide
Concen: 20.65 ug/l
RT: 3.95 min Scan# 678
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.8	19.7	59.1
141	13.7	7.3	22.0

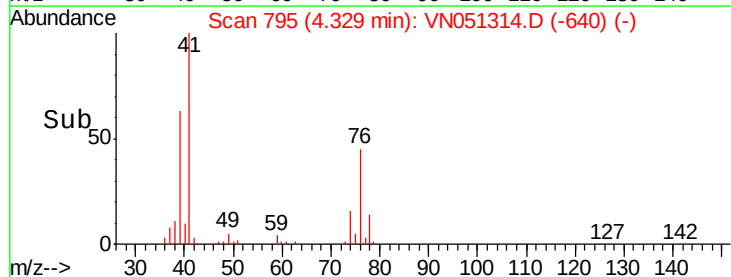
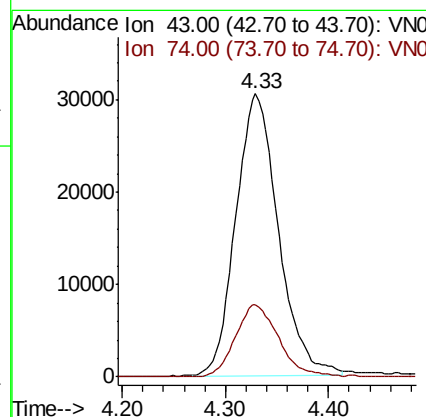
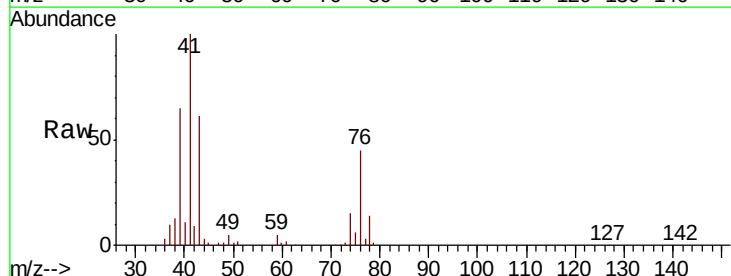
Manual Integrations
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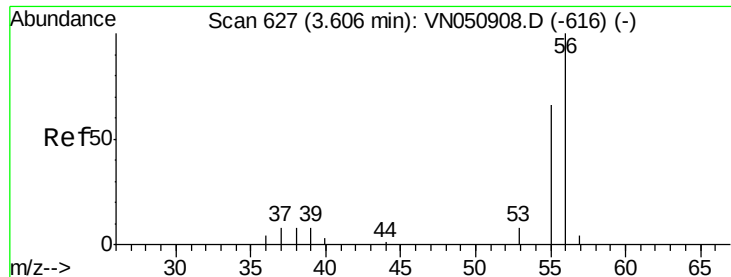
MMDadoda
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#12
Methyl Acetate
Concen: 13.53 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.6	31.0





#13

Acrolein

Concen: 217.15 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampled :

VN0919WBS01

Tot Ion: 56 Resp: 31230

Ion Ratio Lower Upper

56 100

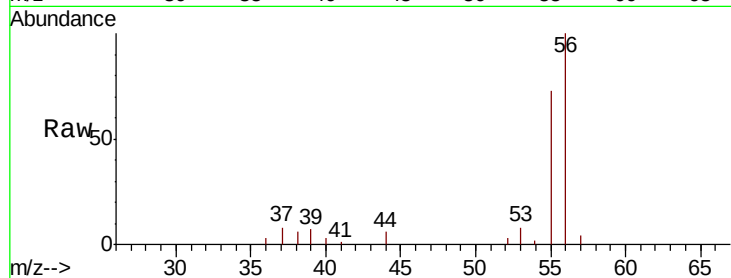
55 73.9 59.1 88.7

Manual Integrations

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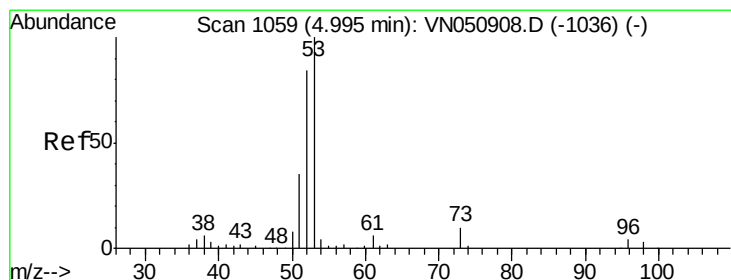
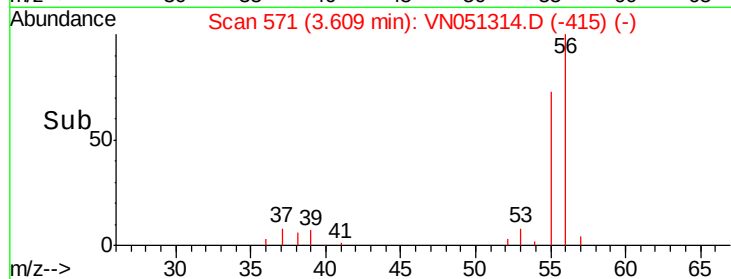
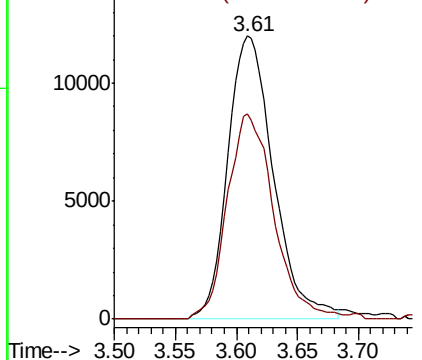
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 81.64 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

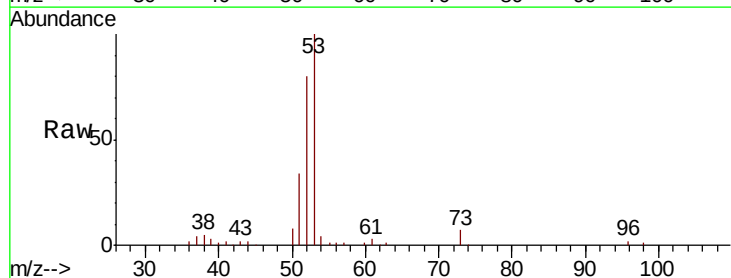
Tgt Ion: 53 Resp: 179289

Ion Ratio Lower Upper

53 100

52 81.6 42.2 126.6

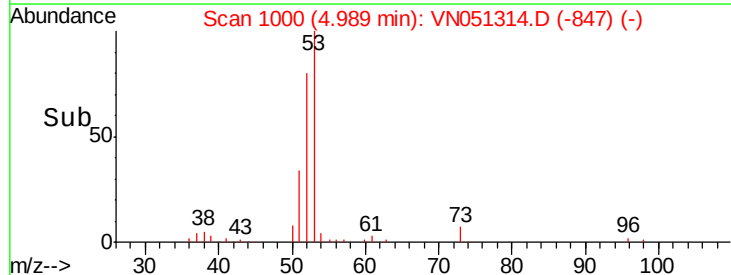
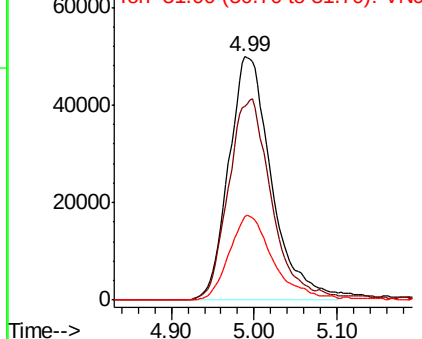
51 35.2 17.7 53.1

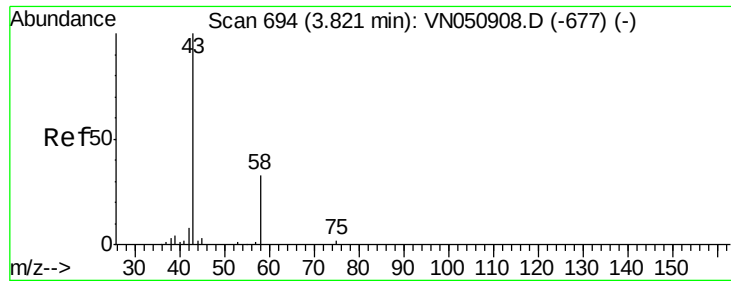


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 79.22 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 58 Resp: 44515

Ion Ratio Lower Upper

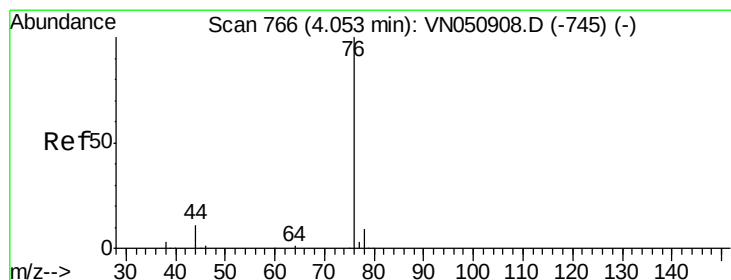
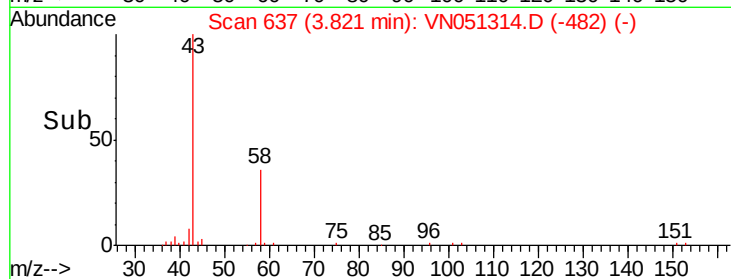
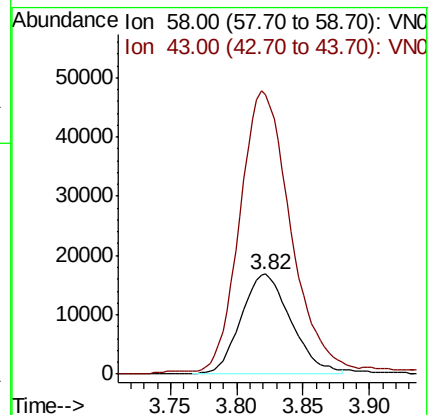
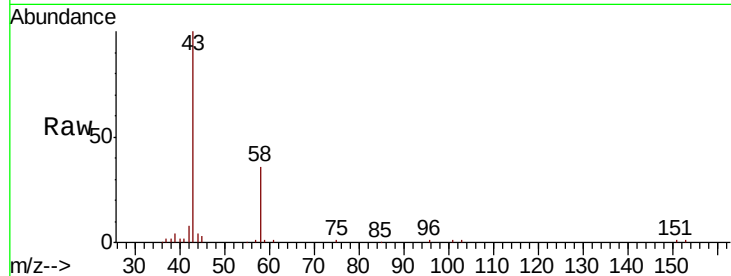
58 100

43 275.5 239.4 359.0

Manual Integrations
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#16

Carbon Disulfide

Concen: 19.32 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN051314.D

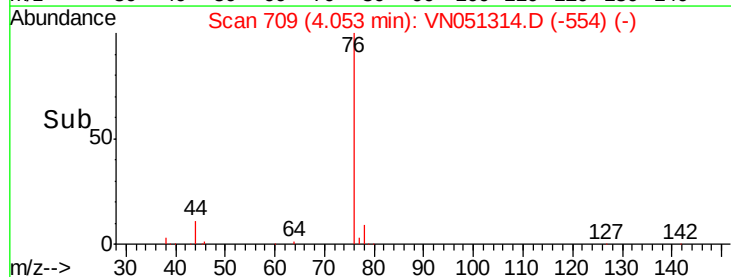
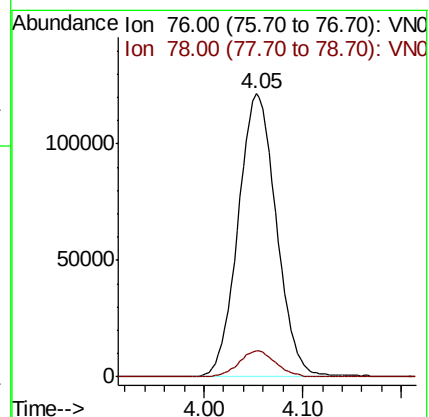
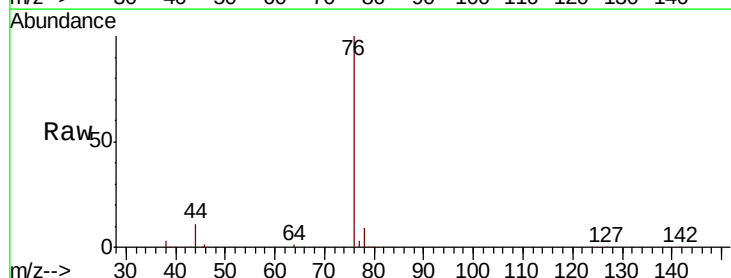
Acq: 19 Sep 2018 13:12

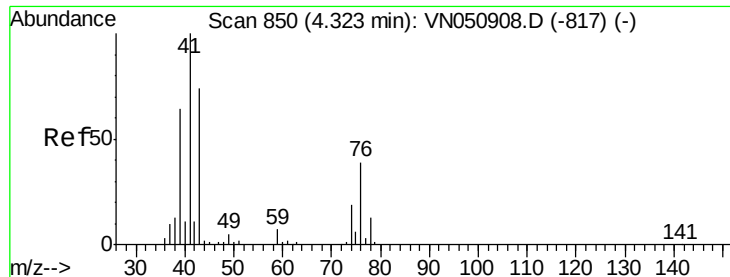
Tgt Ion: 76 Resp: 326369

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





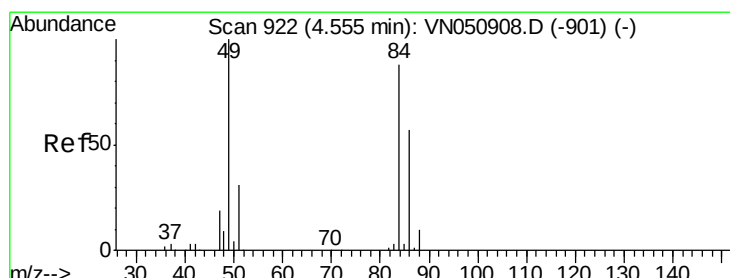
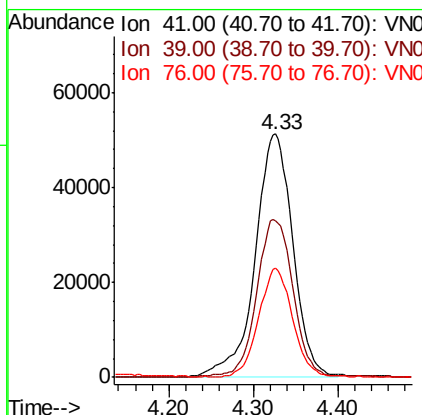
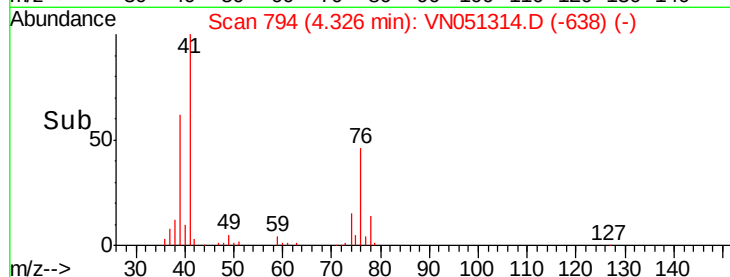
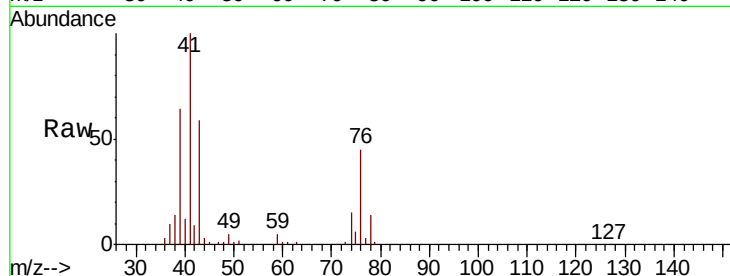
#17
Allvl chloride
Concen: 18.04 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion:	41	Resp:	159394
Ion	Ratio	Lower	Upper
41	100		
39	64.1	32.2	96.6
76	44.6	19.6	58.7

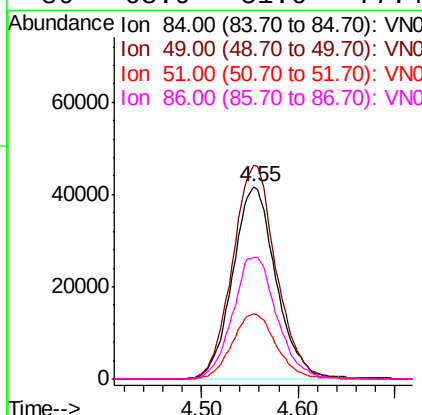
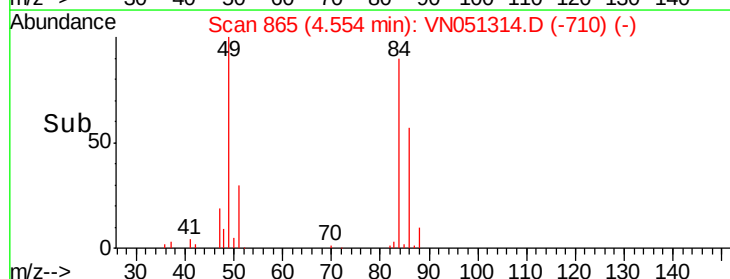
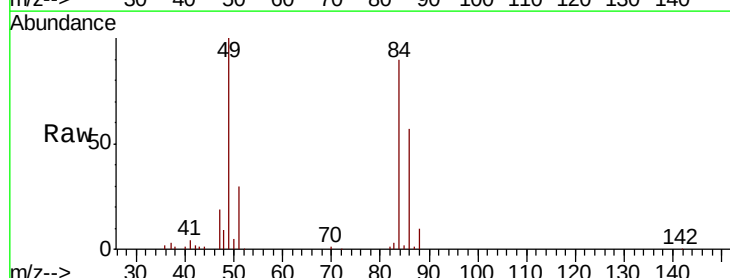
Manual Integrations
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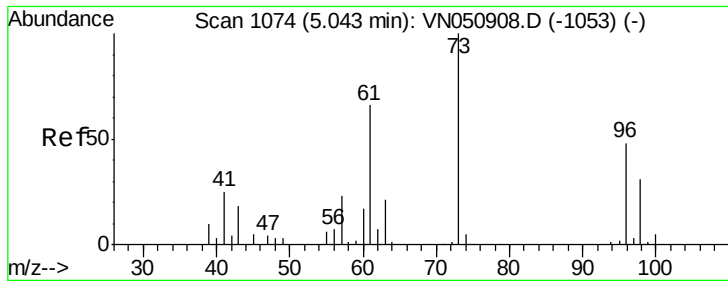
MMDadoda
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#18
Methylene Chloride
Concen: 19.64 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion:	84	Resp:	129463
Ion	Ratio	Lower	Upper
84	100		
49	110.6	90.6	135.8
51	33.7	28.4	42.6
86	63.0	51.6	77.4





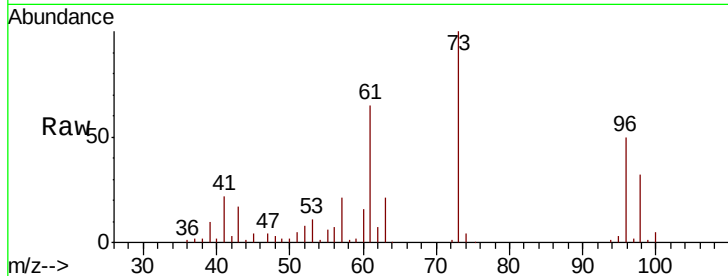
#19
trans-1,2-Dichloroethene
Concen: 20.47 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	109.5	164.3
98	64.1	51.9	77.9

Manual Integrations
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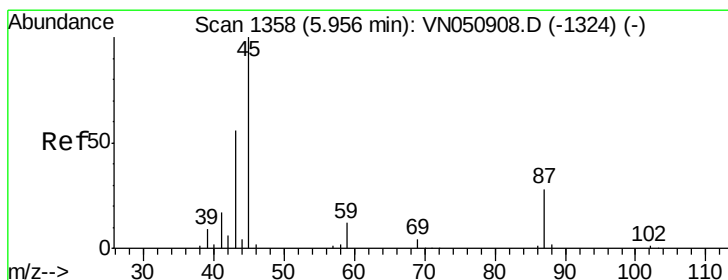
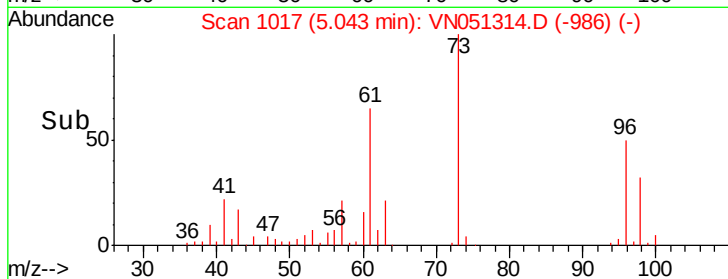
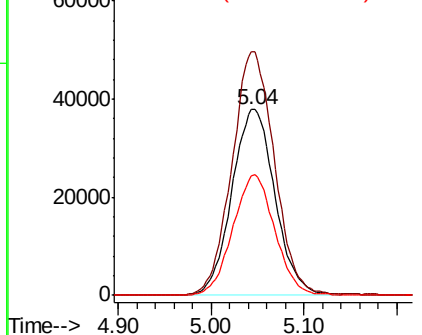


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20
Diisopropyl ether
Concen: 19.05 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.6	47.0	70.6
87	30.6	22.8	34.2
59	12.9	9.5	14.3

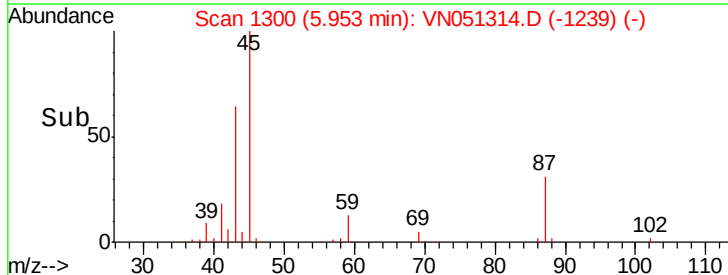
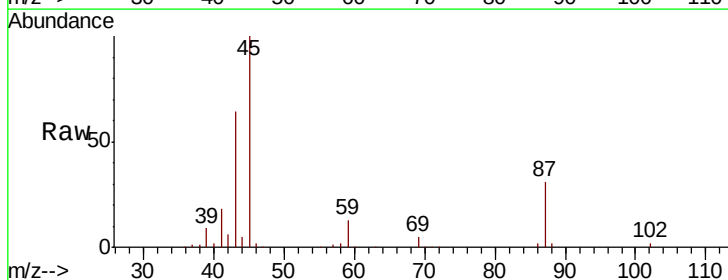
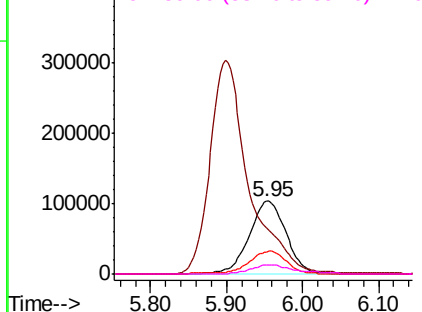
Abundance

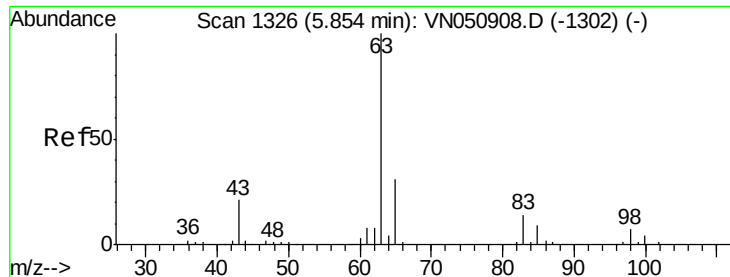
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





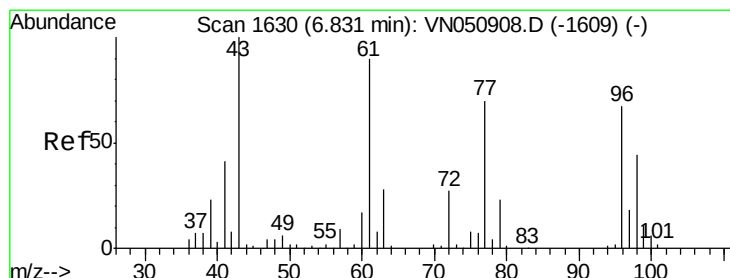
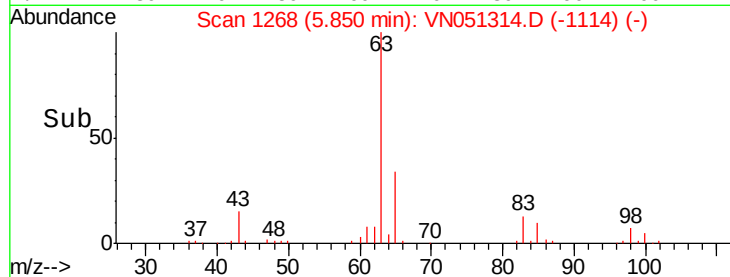
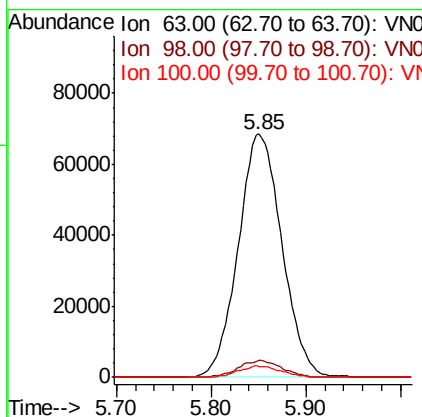
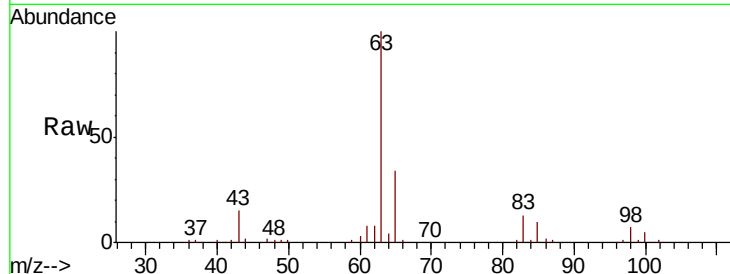
#21
 1,1-Dichloroethane
 Concen: 19.50 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	219326		
98	6.8	3.3	9.9	
100	4.6	2.0	6.0	

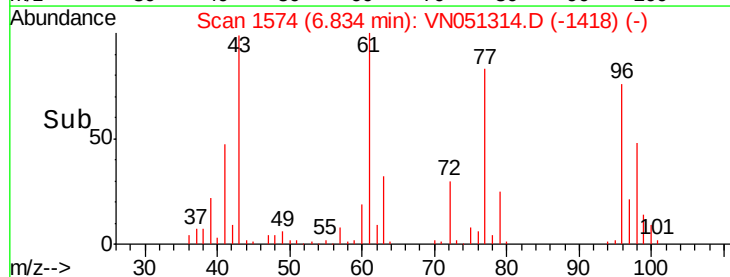
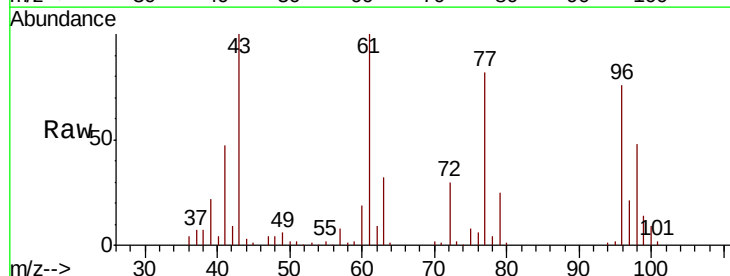
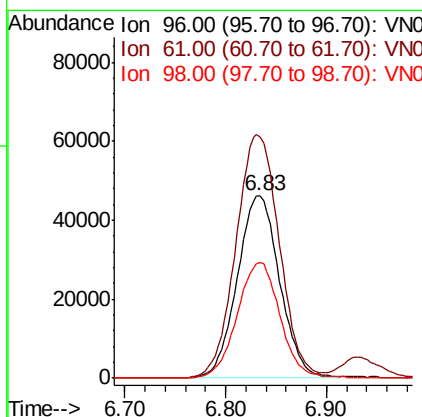
Manual Integrations
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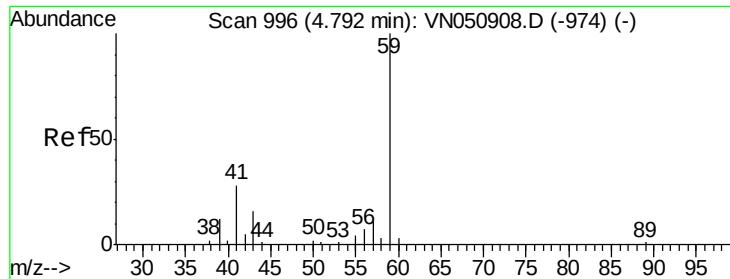
MMDadoda
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#22
 cis-1,2-Dichloroethene
 Concen: 19.92 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	134653		
61	136.6	110.0	165.0	
98	63.6	51.7	77.5	





#23

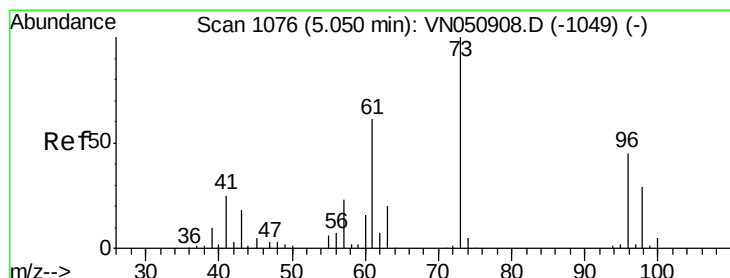
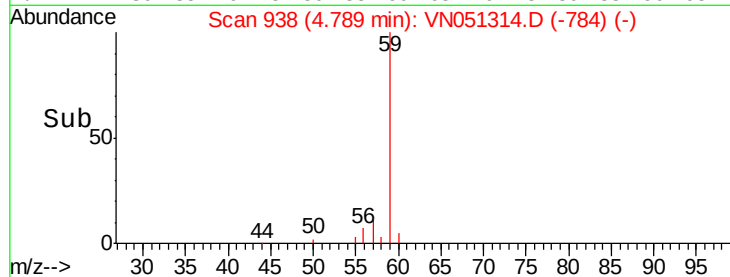
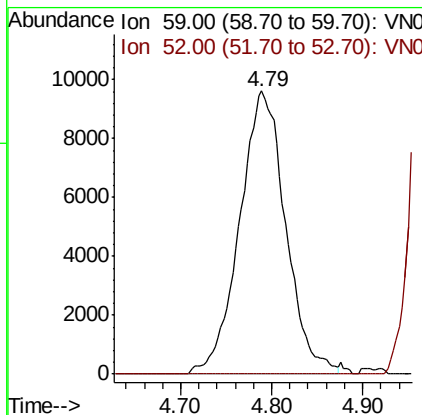
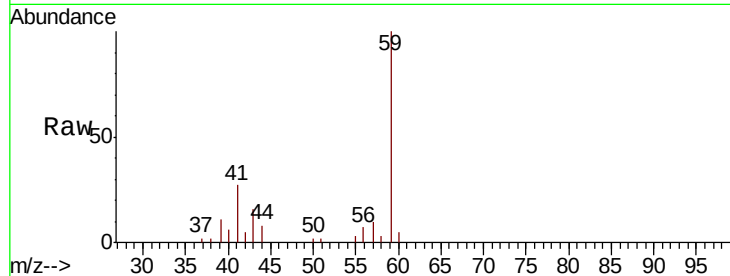
tert-Butyl Alcohol
 Concen: 72.41 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

Manual Integrations
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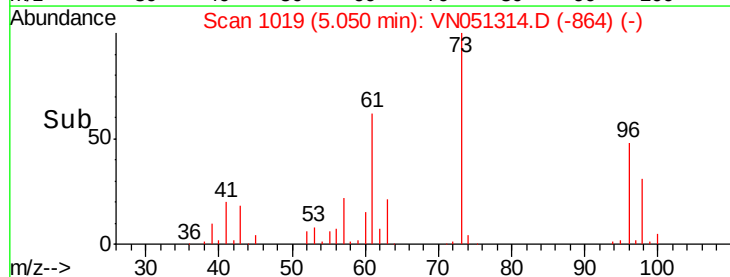
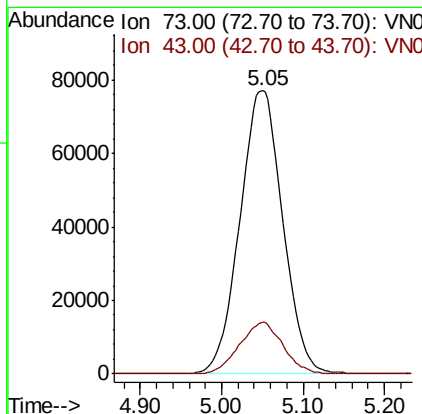
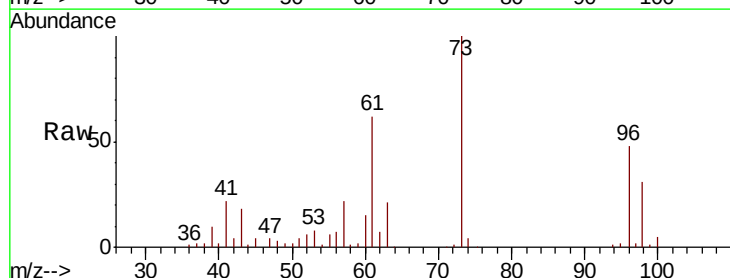
MMDadoda
 9/20/2018 1:42:07 PM

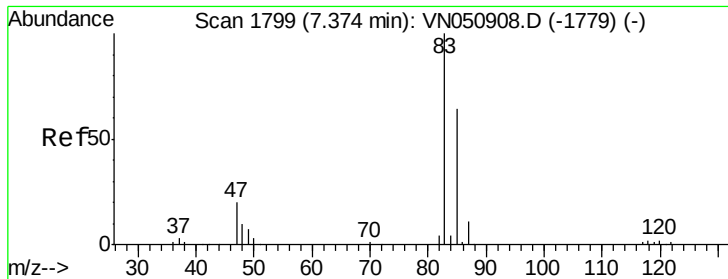


#24

Methyl tert-Butyl Ether
 Concen: 18.24 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.5	14.4	21.6





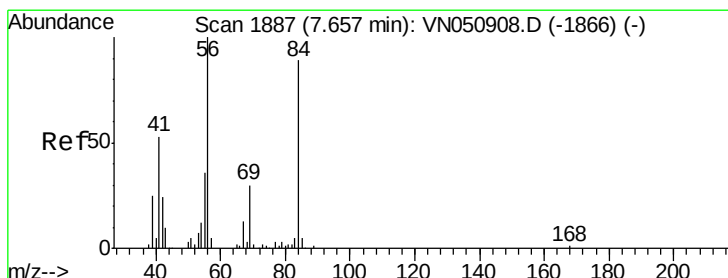
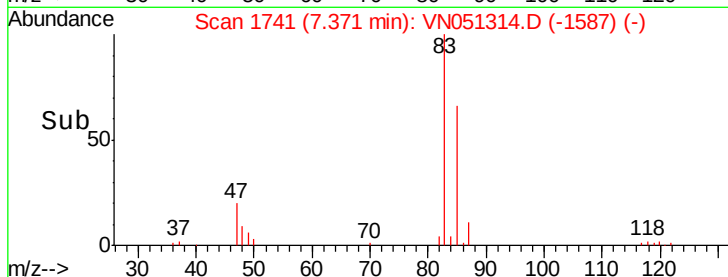
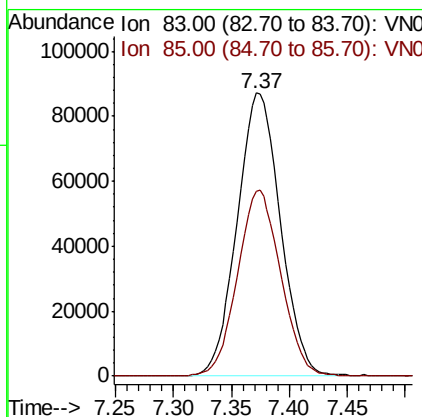
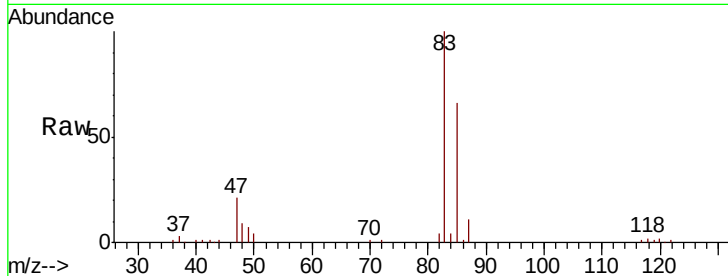
#25
Chloroform
Concen: 20.18 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion: 83 Resp: 226592
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0

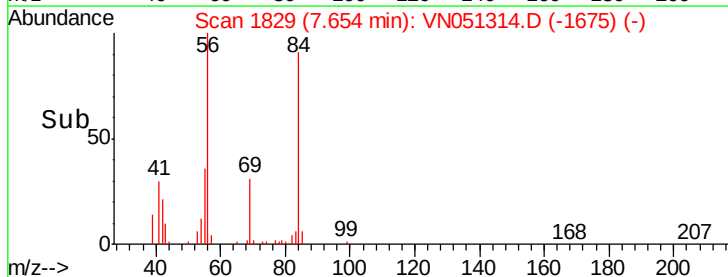
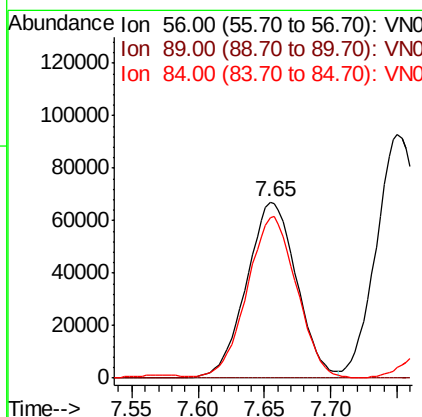
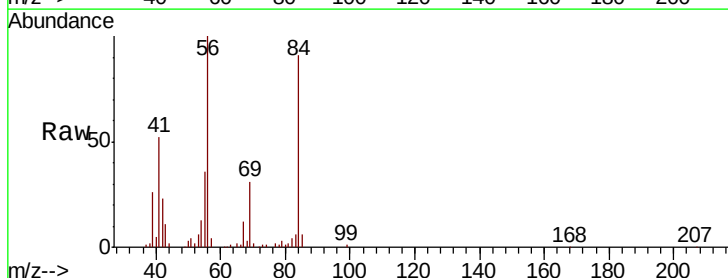
Manual Integrations
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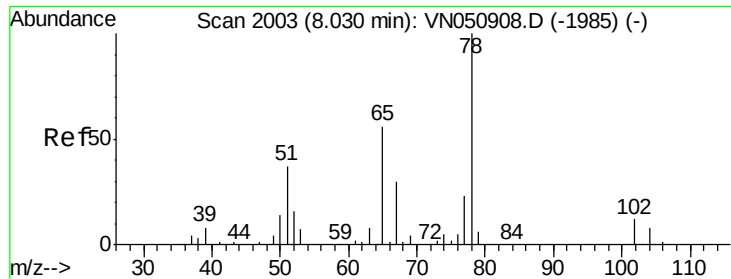
MMDadoda
9/20/2018 1:42:07 PM



#26
Cyclohexane
Concen: 18.98 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion: 56 Resp: 176882
Ion Ratio Lower Upper
56 100
89 0.1 0.4 0.6#
84 91.1 70.4 105.6





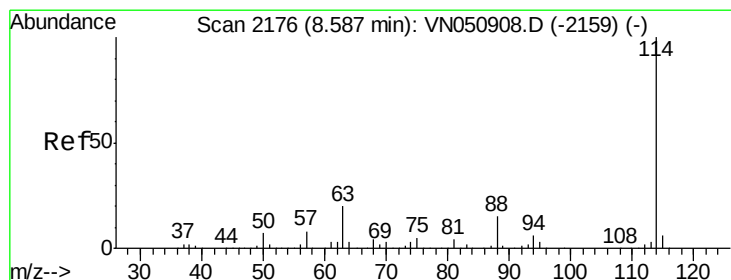
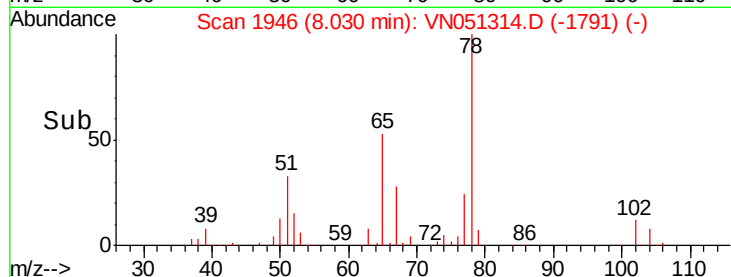
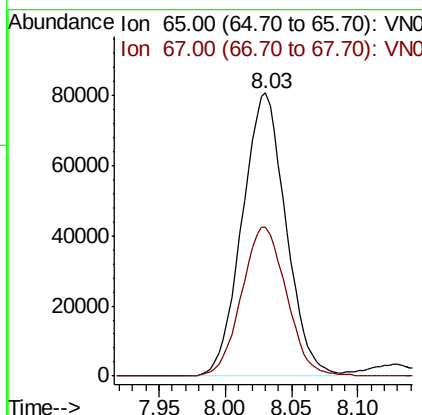
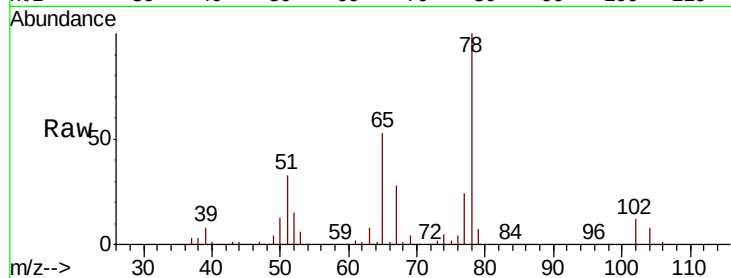
#27
 1,2-Dichloroethane-d4
 Concen: 27.90 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion: 65 Resp: 185076
 Ion Ratio Lower Upper
 65 100
 67 54.2 43.7 65.5

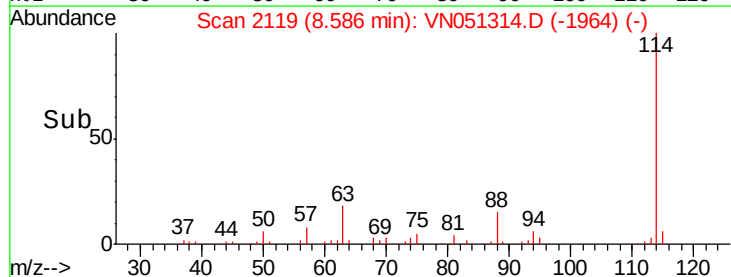
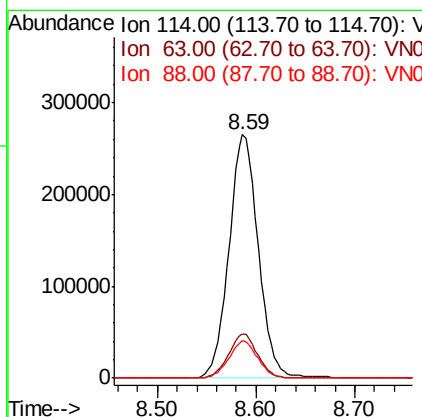
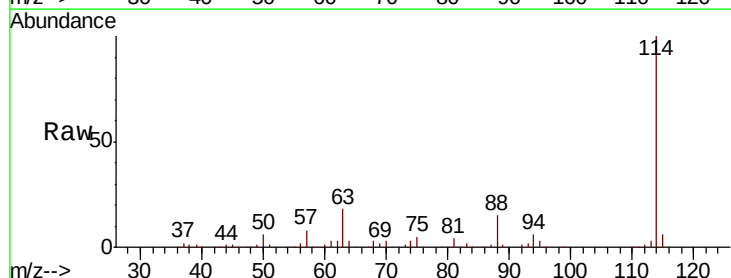
Manual Integrations
 APPROVED

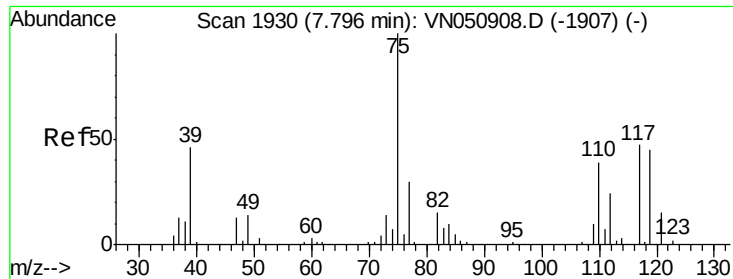
MMDadoda
 9/20/2018 1:42:07 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion: 114 Resp: 549954
 Ion Ratio Lower Upper
 114 100
 63 18.1 15.6 23.4
 88 15.0 12.2 18.4





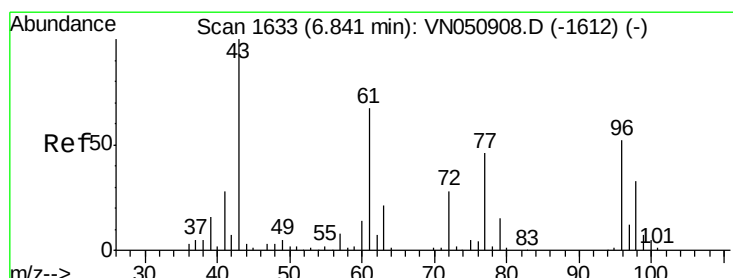
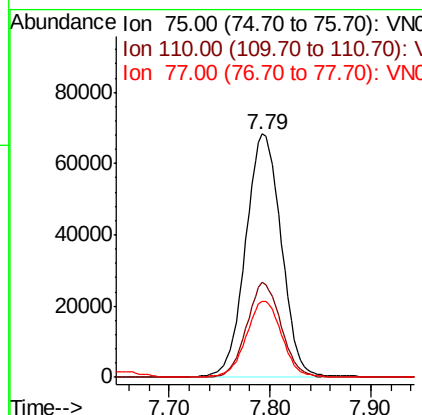
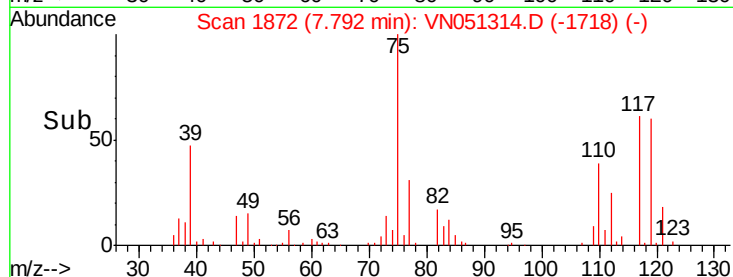
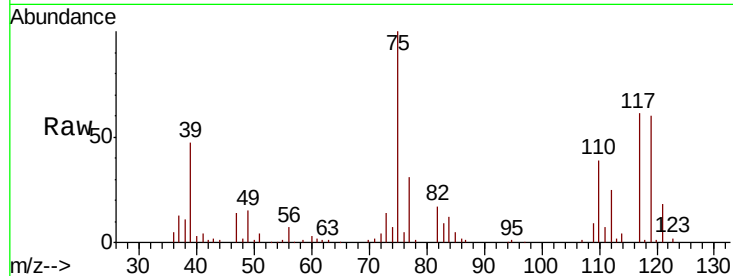
#29
 1,1-Dichloropropene
 Concen: 20.34 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	167445		
110	37.3	0.0	75.0	
77	31.3	0.0	60.6	

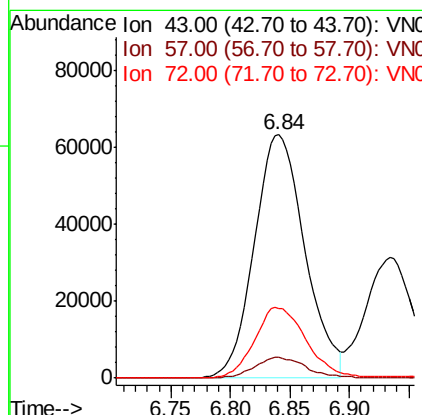
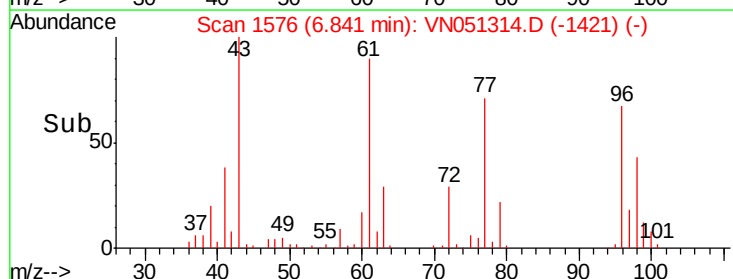
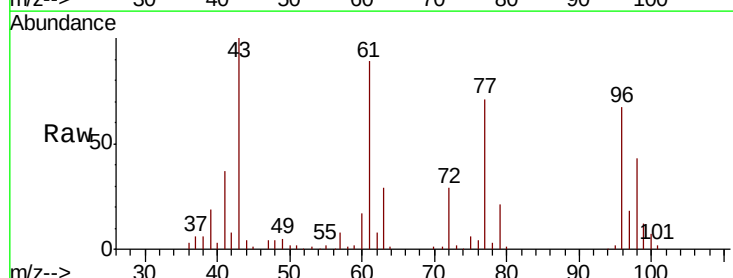
Manual Integrations
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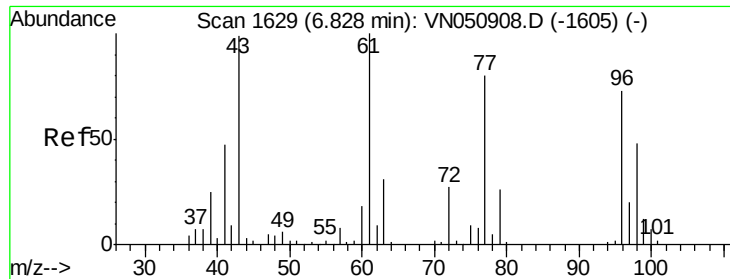
MMDadoda
 9/20/2018 1:42:07 PM



#30
 2-Butanone
 Concen: 73.71 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	186686		
57	8.6	6.9	10.3	
72	29.6	22.8	34.2	





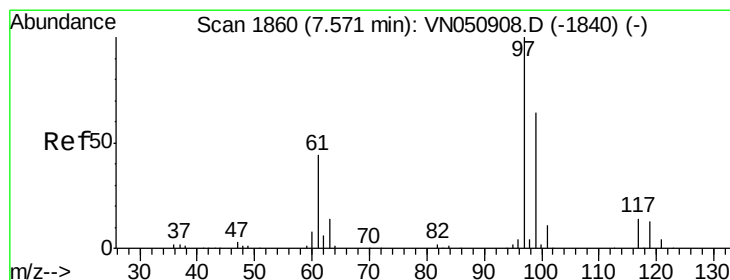
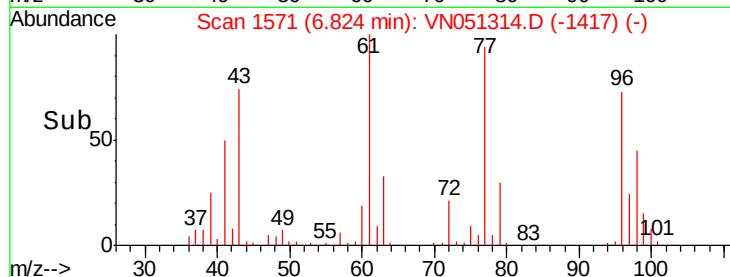
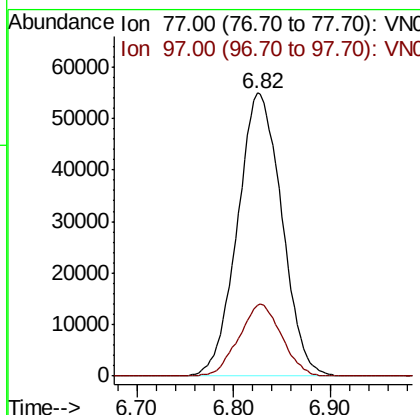
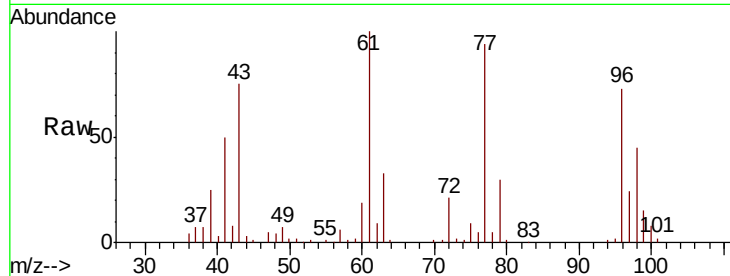
#31
 2,2-Dichloropropane
 Concen: 21.80 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0919WBS01

Tot Ion: 77 Resp: 174640
 Ion Ratio Lower Upper
 77 100
 97 24.5 20.2 30.2

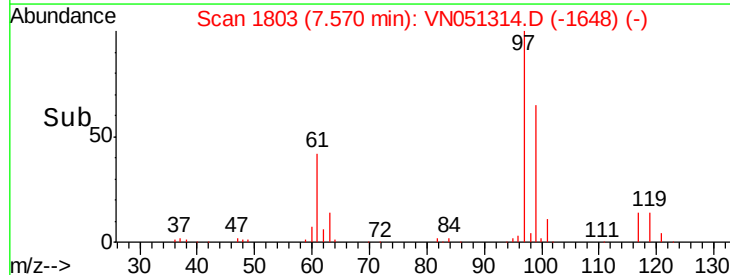
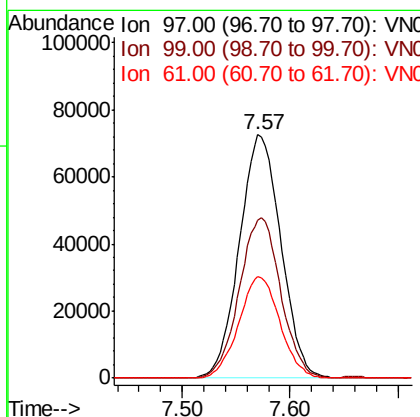
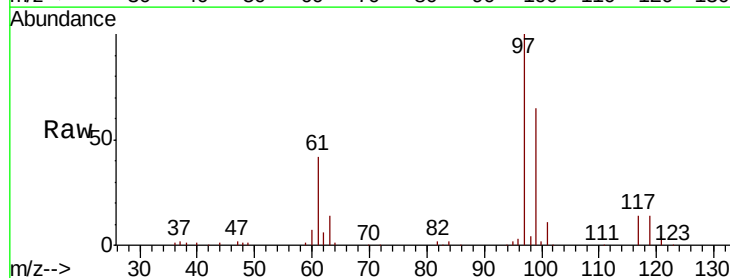
Manual Integrations
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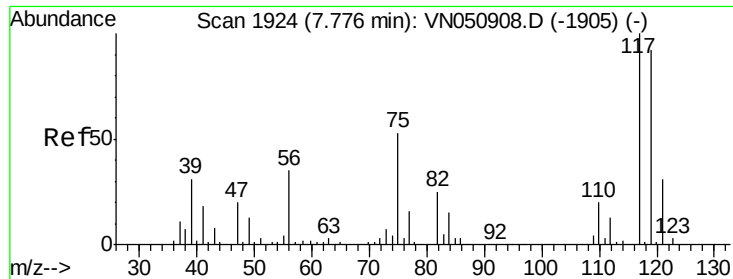
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 20.78 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion: 97 Resp: 194036
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.0 78.0
 61 41.3 35.0 52.6





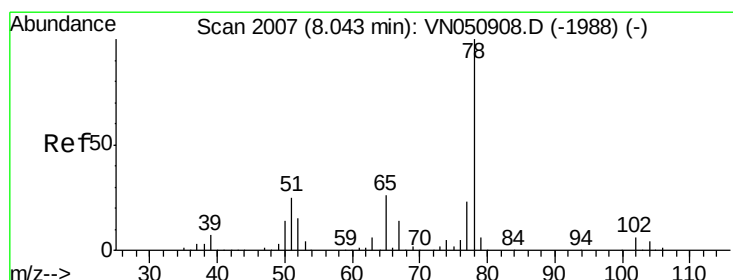
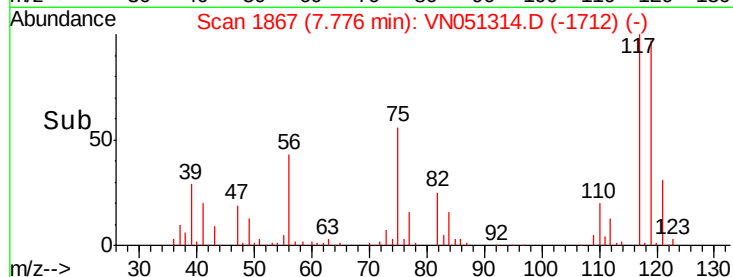
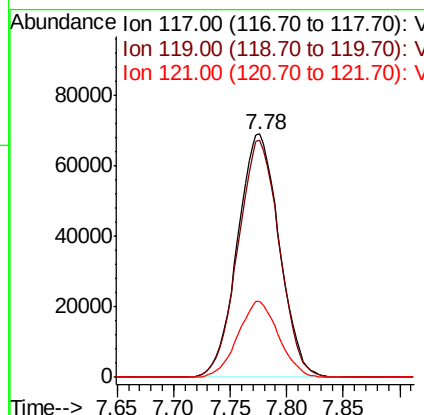
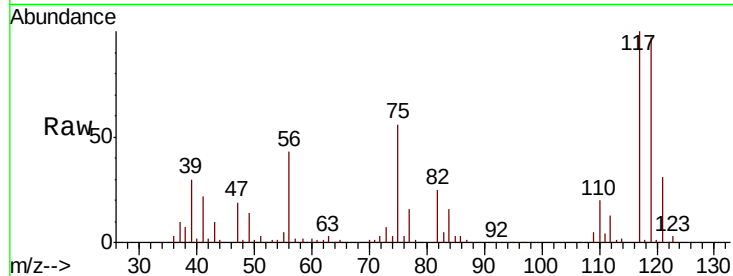
#33
Carbon Tetrachloride
Concen: 21.05 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	176967		
119	97.5	73.5	110.3	
121	31.0	24.6	37.0	

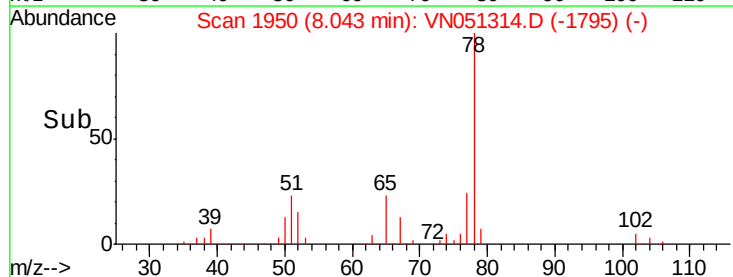
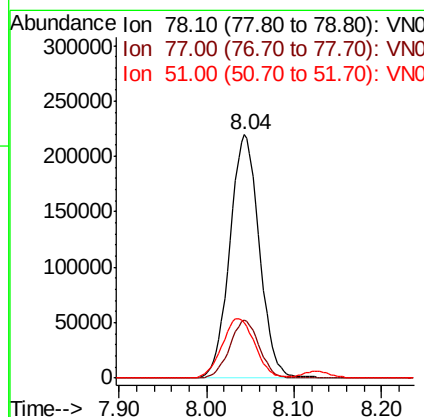
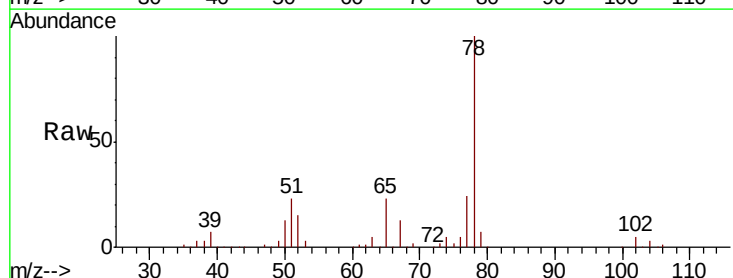
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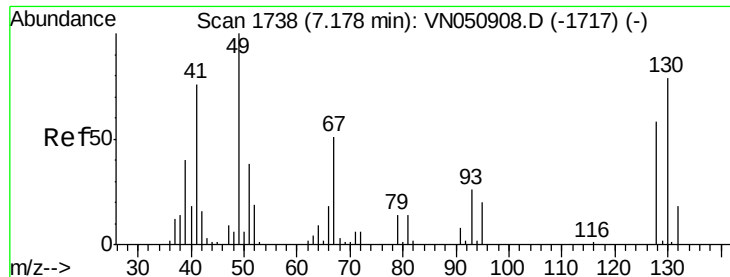
MMDadoda
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#34
Benzene
Concen: 20.27 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	516177		
77	23.7	18.6	28.0	
51	22.9	20.0	30.0	





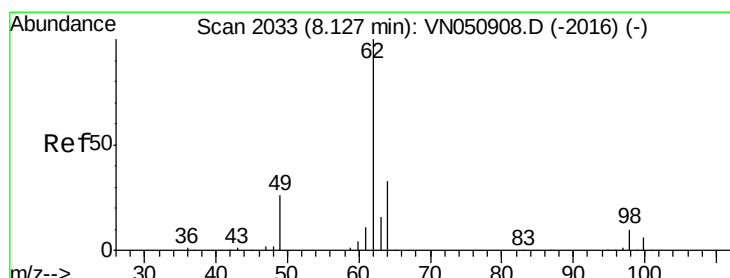
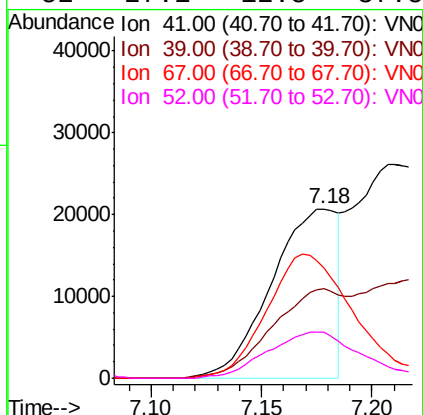
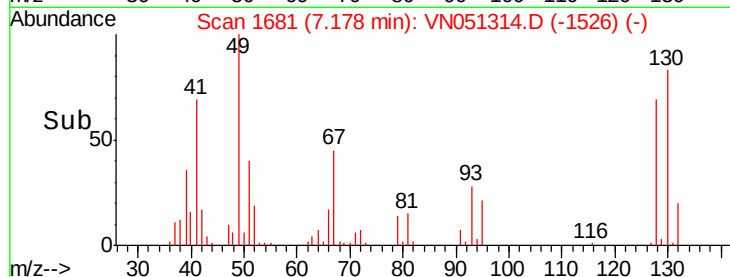
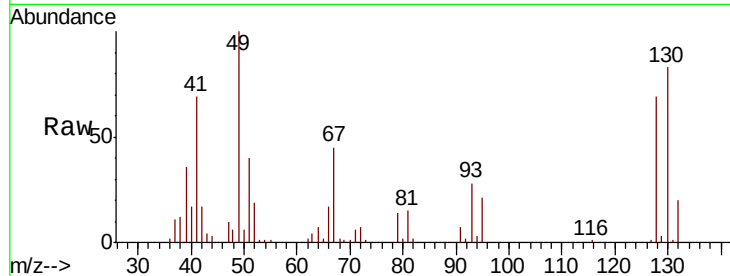
#35
Methacrylonitrile
Concen: 15.53 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	26.2	78.5	
67	64.9	33.9	101.6	
52	27.1	12.5	37.5	

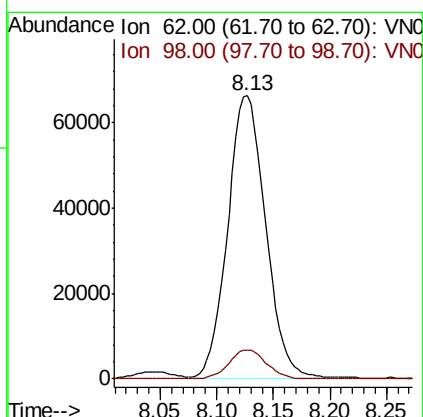
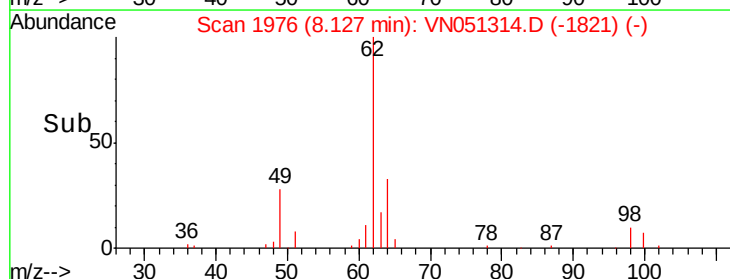
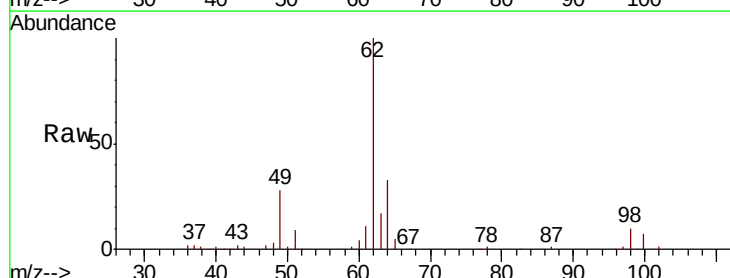
Manual Integrations
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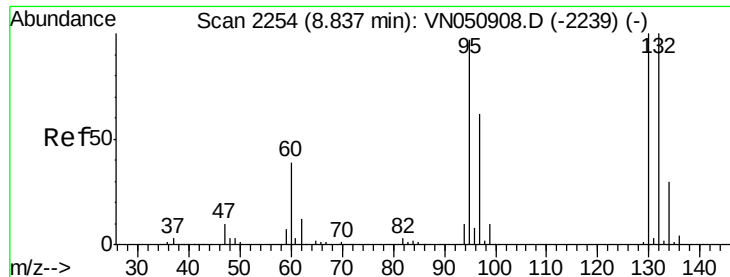
MMDadoda
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#36
1,2-Dichloroethane
Concen: 20.14 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	8.0	12.0	





#37

Trichloroethene

Concen: 20.98 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion:130 Resp: 139636

Ion Ratio Lower Upper

130 100

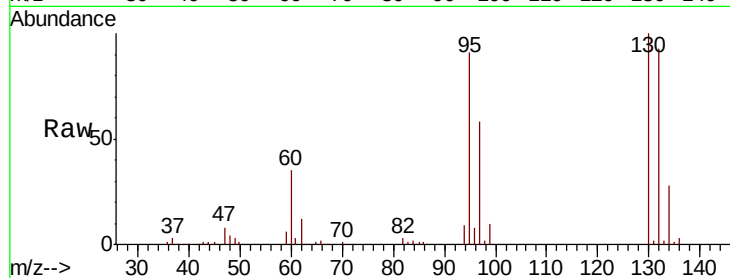
95 91.2 77.4 116.0

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.84

60000

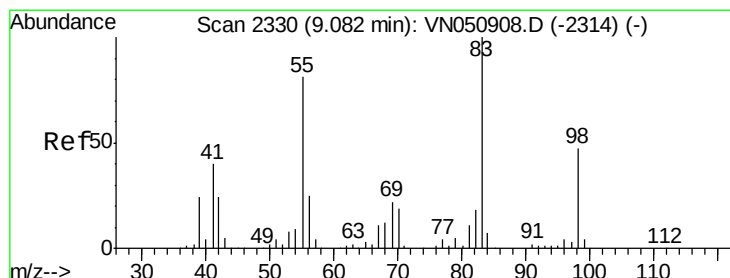
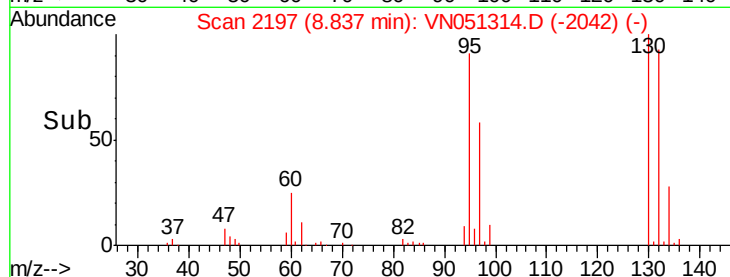
40000

20000

0

8.75 8.80 8.85 8.90

Time-->



#38

Methylcyclohexane

Concen: 19.94 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

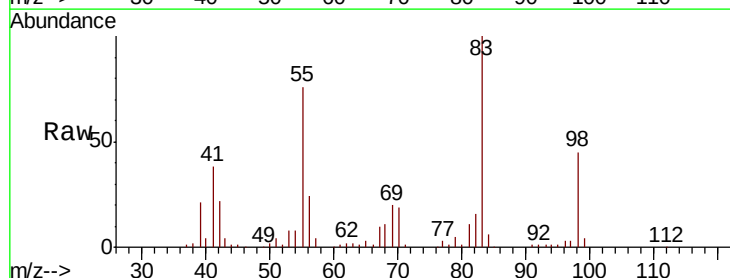
Tgt Ion: 83 Resp: 176309

Ion Ratio Lower Upper

83 100

55 75.8 38.9 116.7

98 45.9 22.9 68.7



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.08

100000

80000

60000

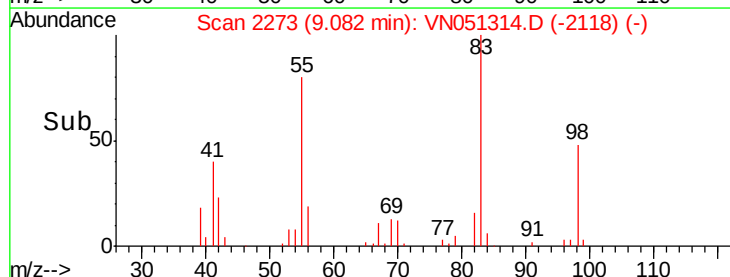
40000

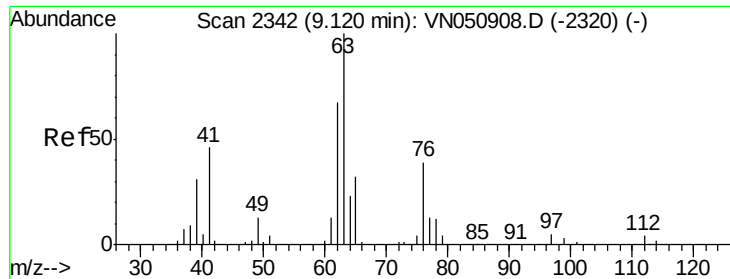
20000

0

9.00 9.05 9.10 9.15

Time-->





#39

1,2-Dichloropropane

Concen: 20.06 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 63 Resp: 133435

Ion Ratio Lower Upper

63 100

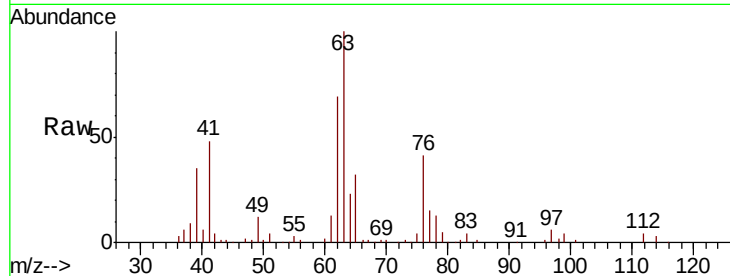
65 32.0 25.6 38.4

Manual Integrations

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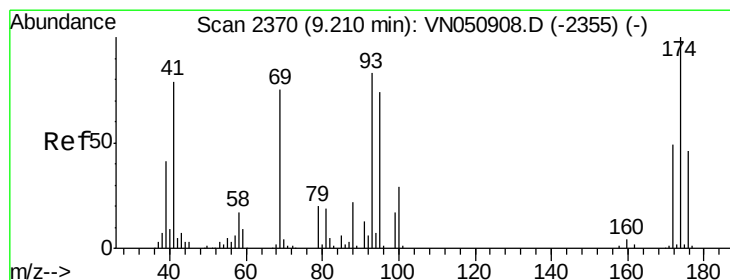
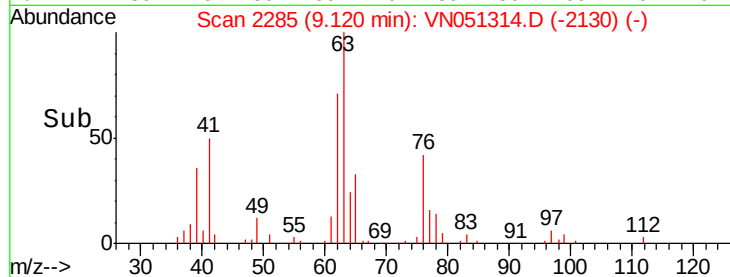
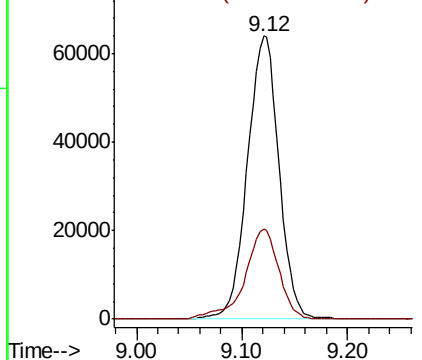
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Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 19.98 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

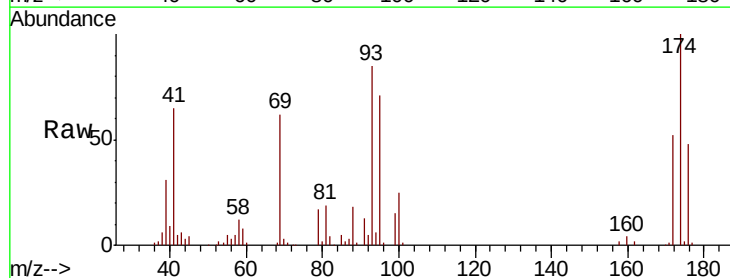
Tgt Ion: 93 Resp: 80048

Ion Ratio Lower Upper

93 100

95 82.7 0.0 173.4

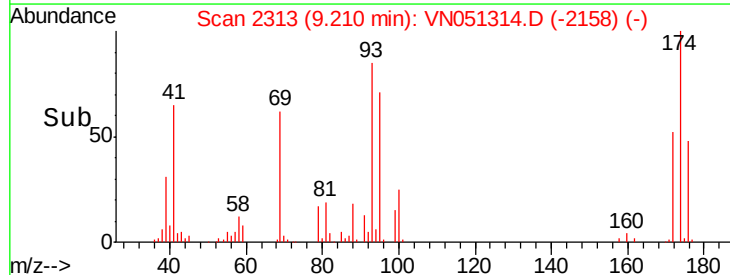
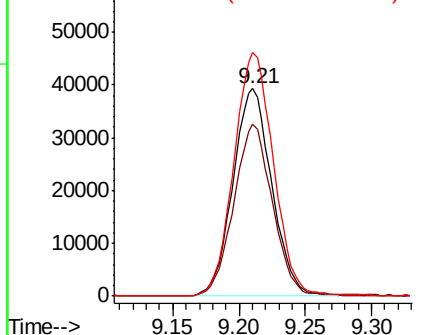
174 119.8 0.0 234.8

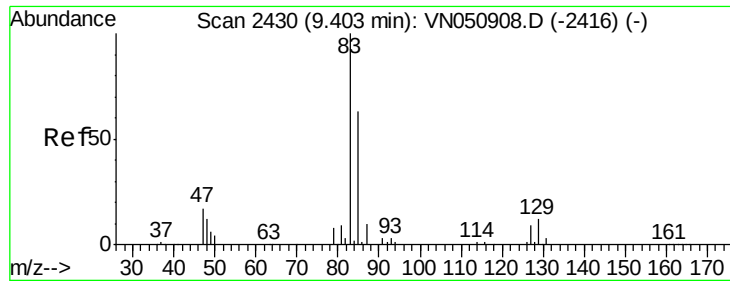


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.09 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

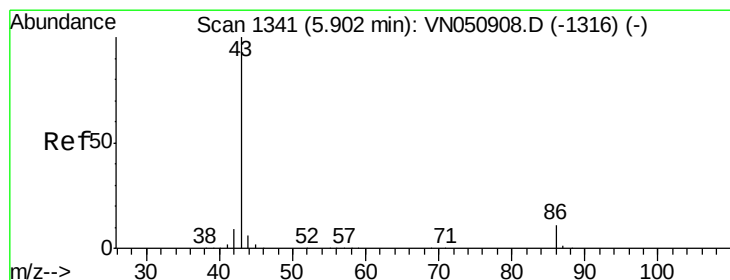
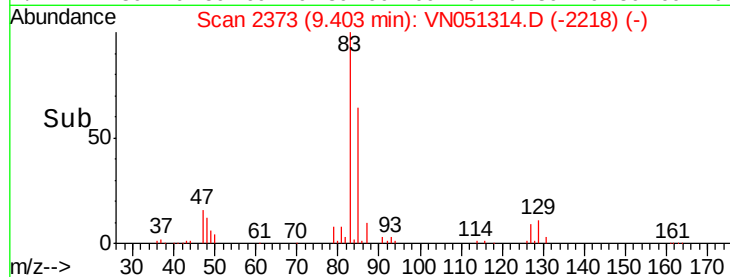
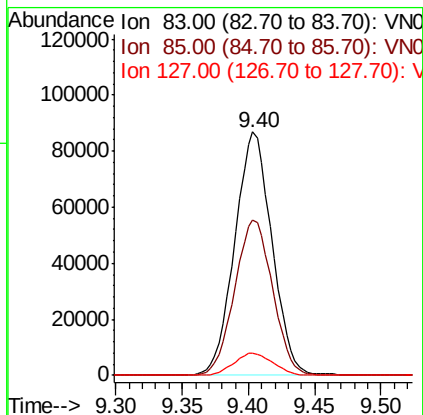
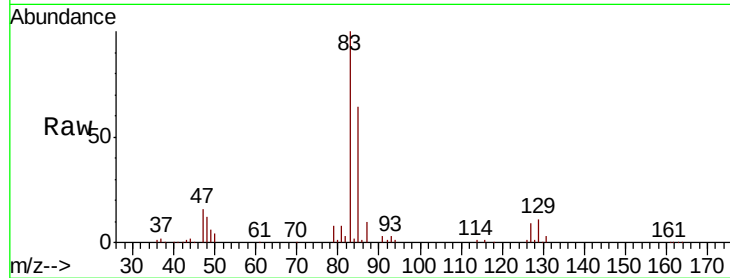
ClientSampleId :

VN0919WBS01

Tot Ion:	83	Resp:	169691
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.6	76.0
127	9.2	7.1	10.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 91.90 ug/l

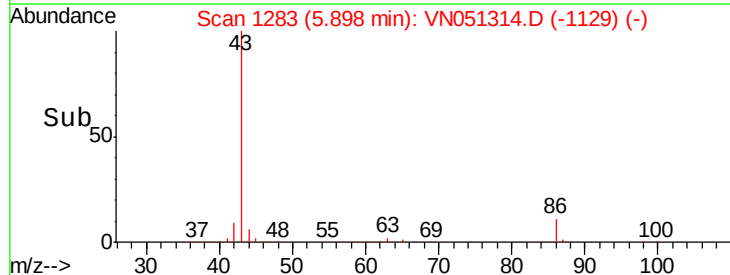
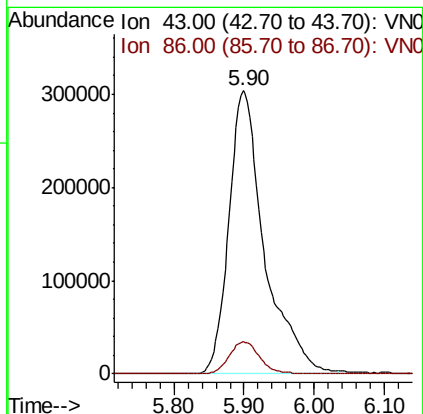
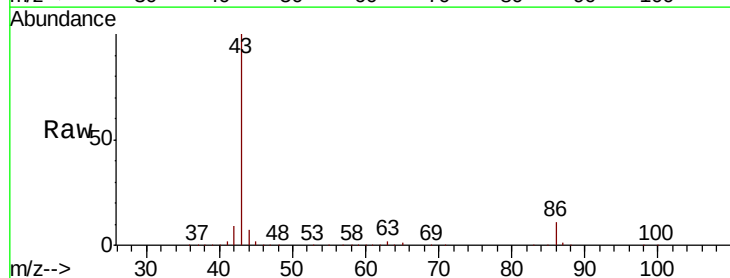
RT: 5.90 min Scan# 1283

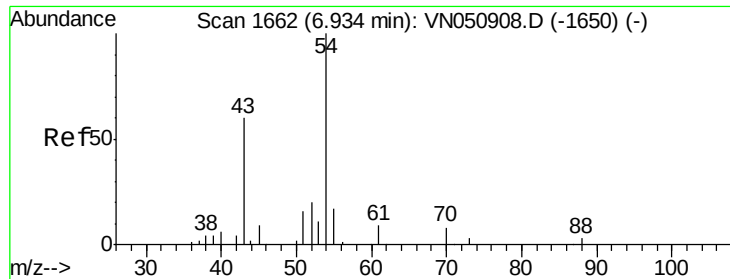
Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Tgt Ion:	43	Resp:	1072108
Ion Ratio	Lower	Upper	
43	100		
86	9.8	7.2	10.8





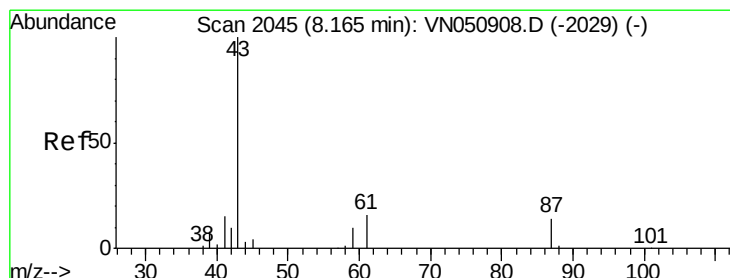
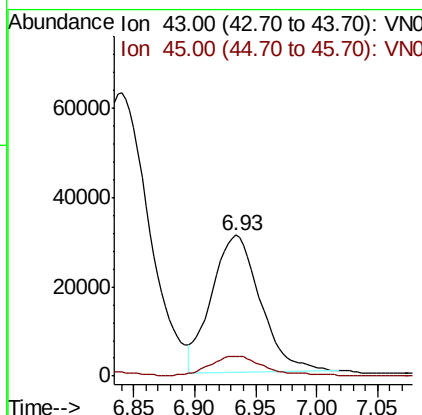
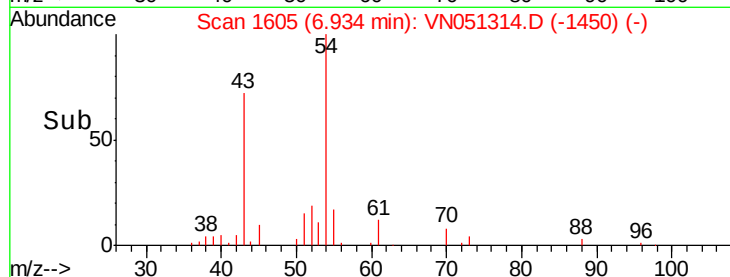
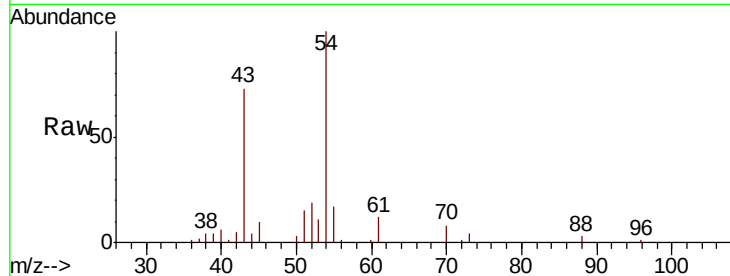
#43
Ethyl Acetate
Concen: 16.70 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	43	45	Ratio	Lower	Upper	Resp
86660	100	13.8		10.2	15.2	

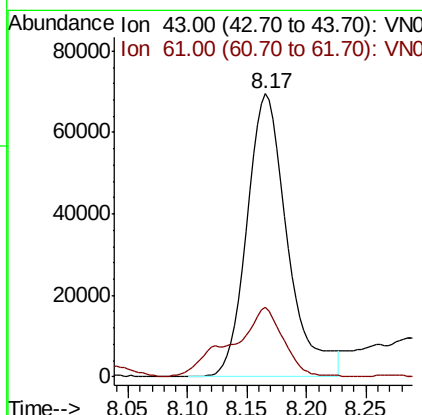
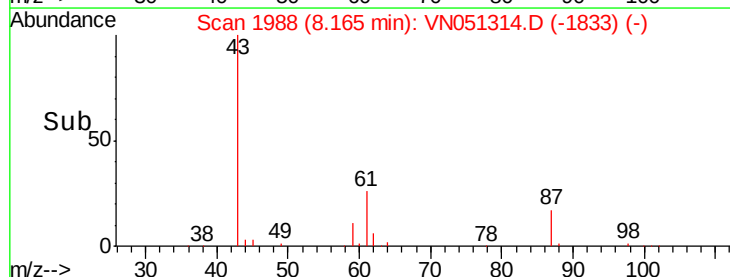
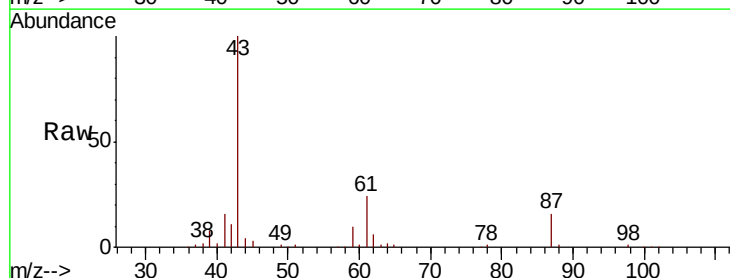
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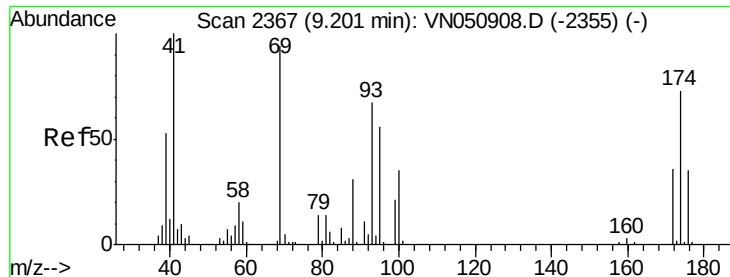
MMDadoda
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#44
Isopropyl Acetate
Concen: 17.96 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	43	61	Ratio	Lower	Upper	Resp
164405	100	20.3		16.3	24.5	





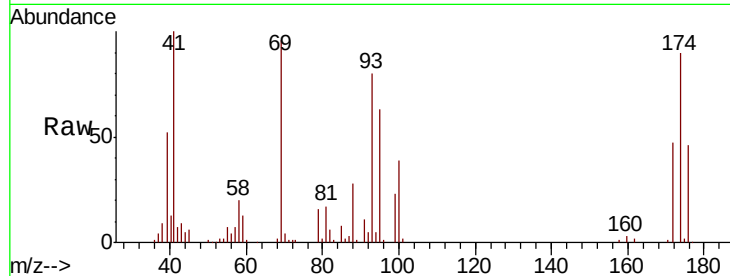
#45
 1,4-Dioxane
 Concen: 333.85 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

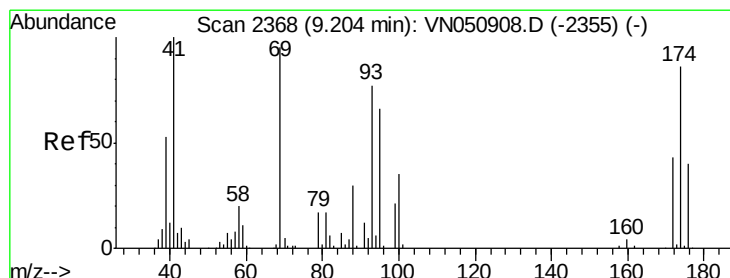
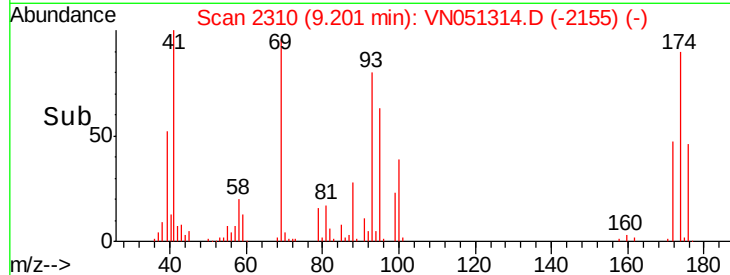
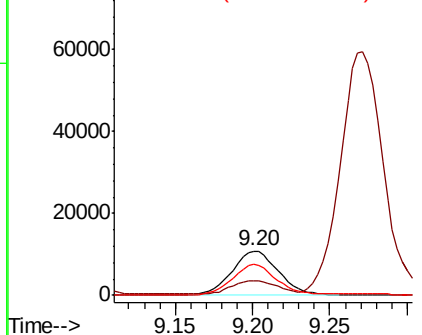
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.2	23.5	35.3
58	66.7	55.2	82.8

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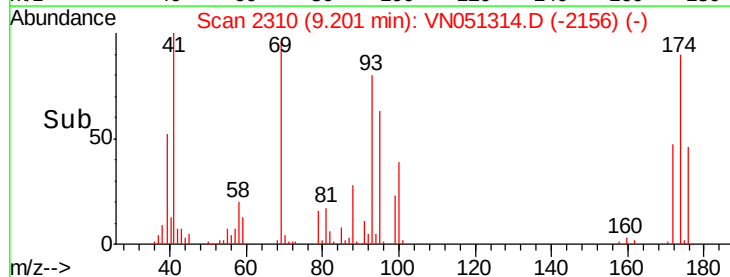
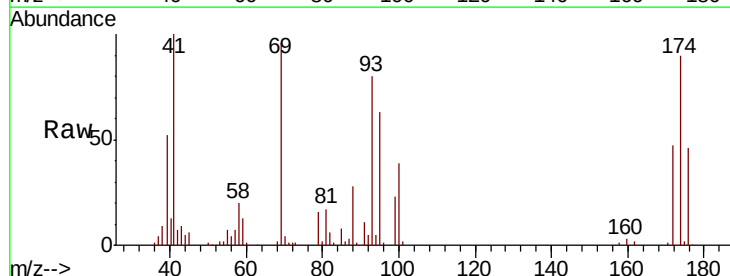
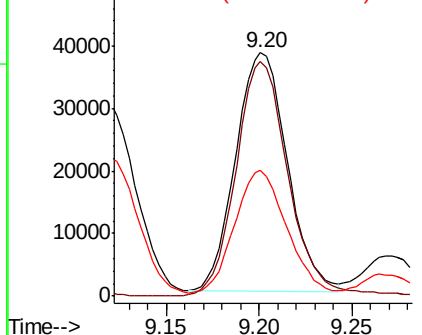
Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

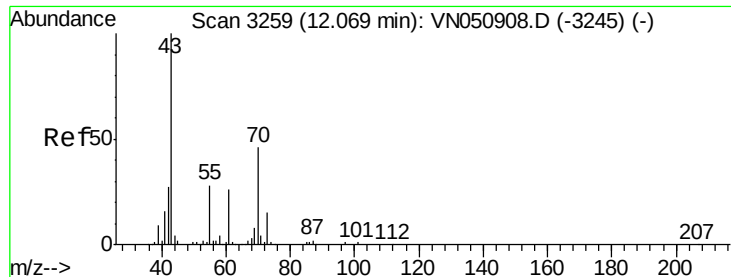


#46
 Methyl methacrylate
 Concen: 16.08 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	97.7	47.4	142.2
39	51.4	26.6	79.7

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





#47

n-amvl Acetate

Concen: 14.48 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 43 Resp: 106623

Ion Ratio Lower Upper

43 100

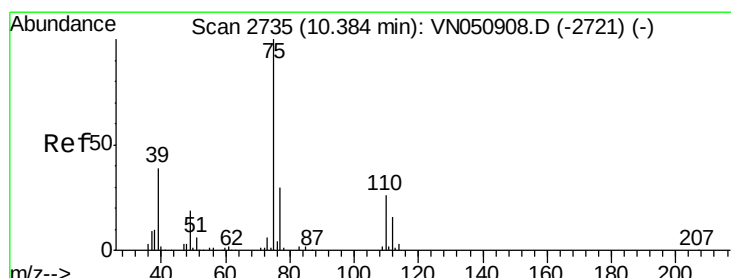
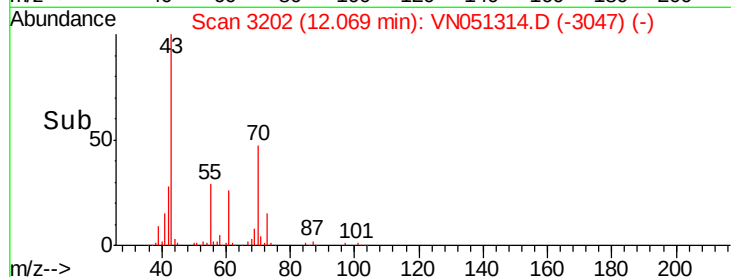
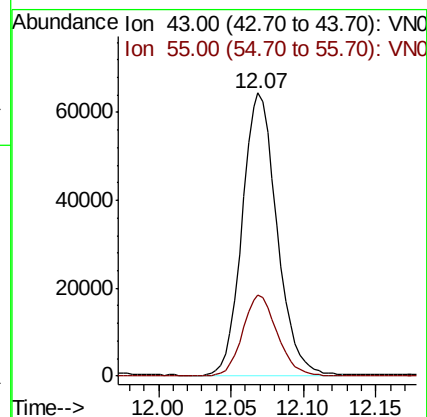
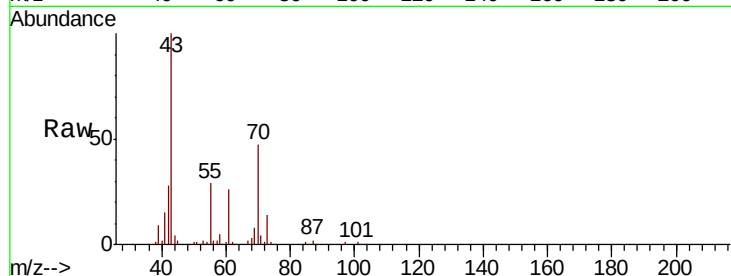
55 28.9 23.0 34.4

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#48

t-1,3-Dichloropropene

Concen: 18.95 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051314.D

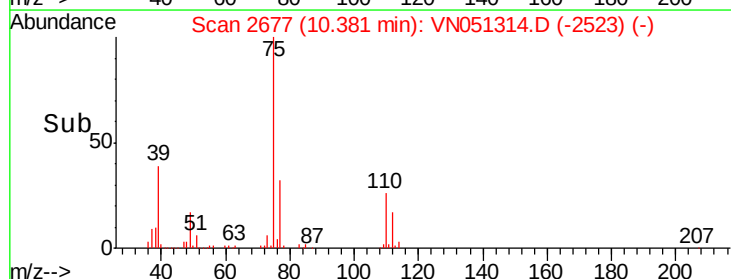
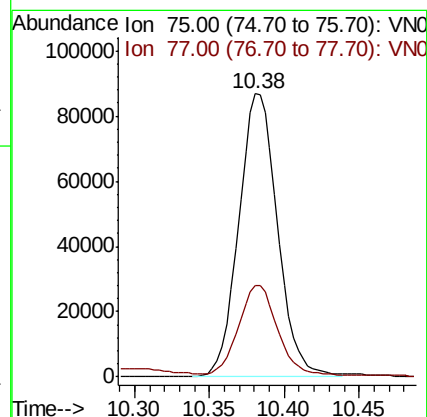
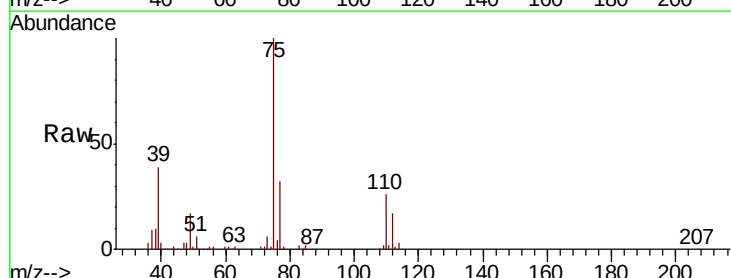
Acq: 19 Sep 2018 13:12

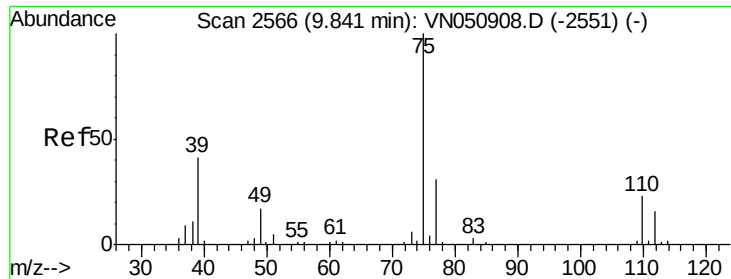
Tgt Ion: 75 Resp: 156902

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2





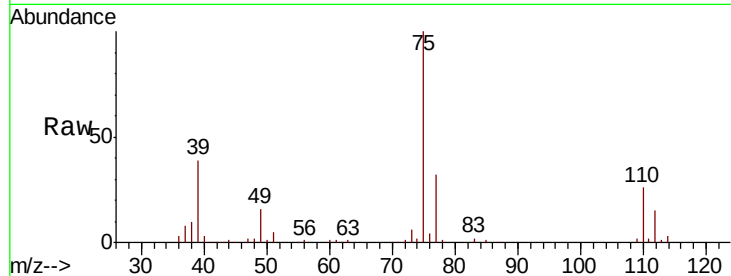
#49
 cis-1,3-Dichloropropene
 Concen: 20.06 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

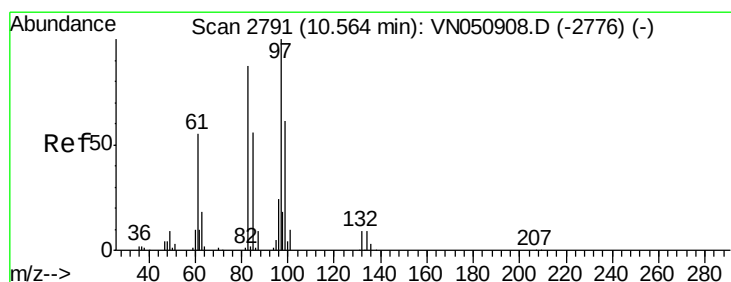
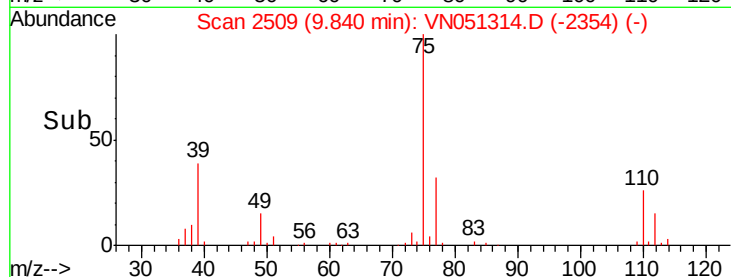
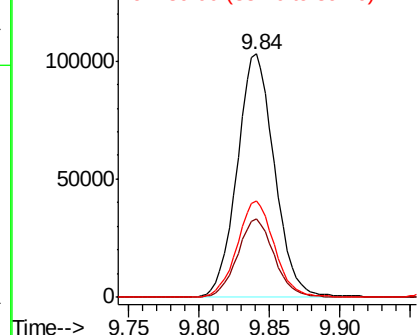
Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	32.1	25.0	37.4	
39	39.4	32.9	49.3	

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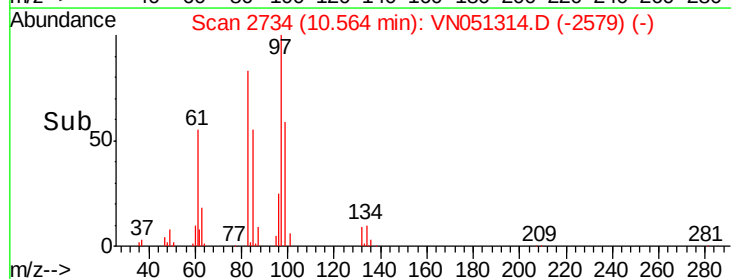
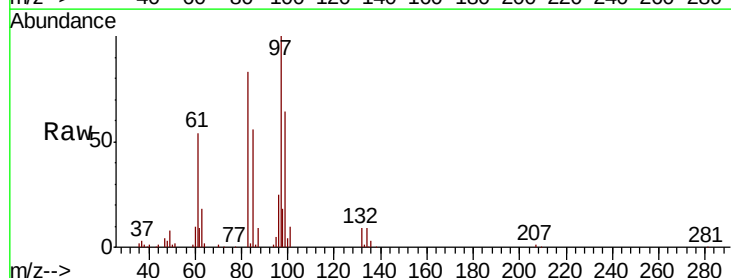
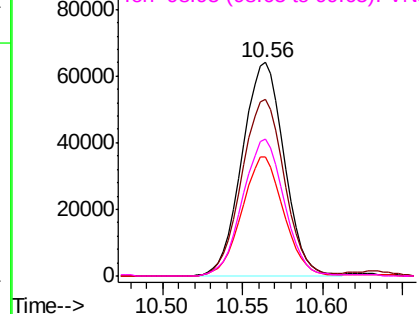
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

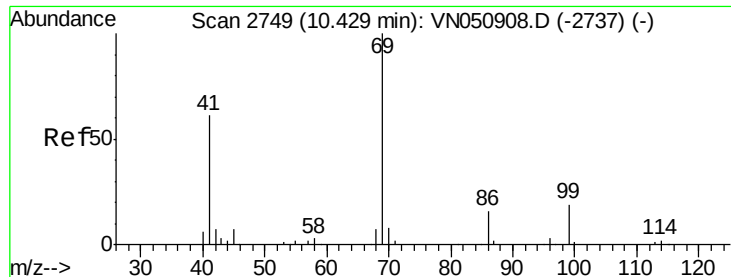


#50
 1,1,2-Trichloroethane
 Concen: 19.81 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	82.6	69.8	104.6	
85	55.6	45.0	67.6	
99	64.0	49.1	73.7	

Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





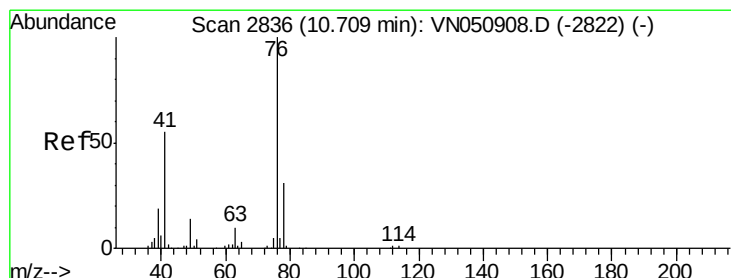
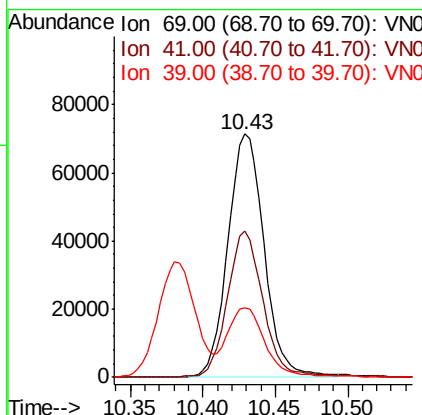
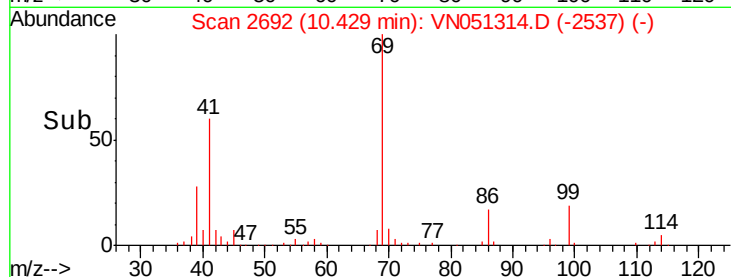
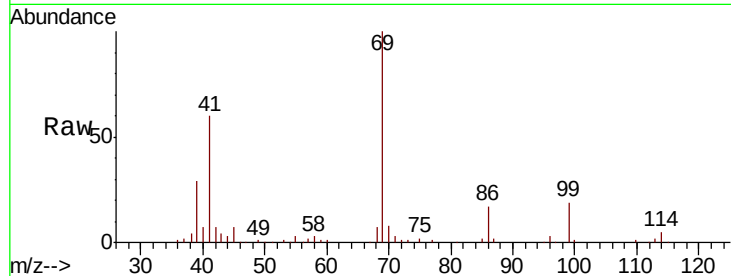
#51
Ethyl methacrylate
Concen: 17.39 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
69	100		
41	59.8	30.5	91.5
39	28.0	15.3	45.8

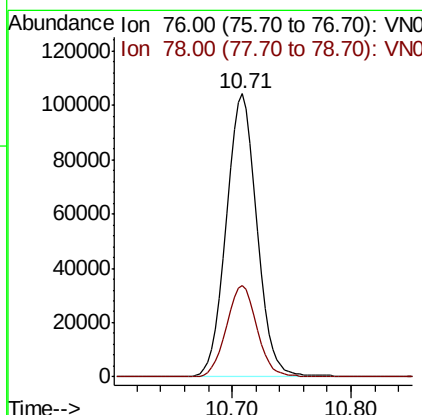
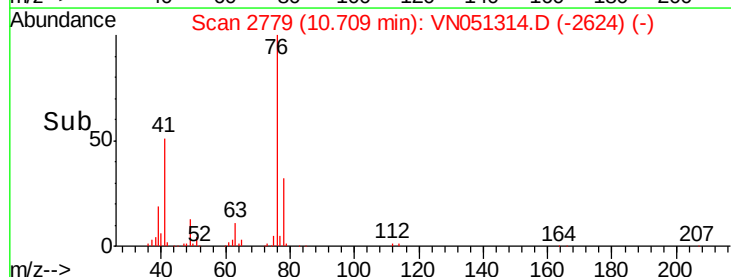
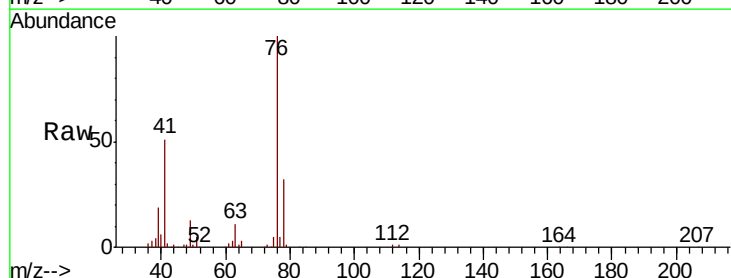
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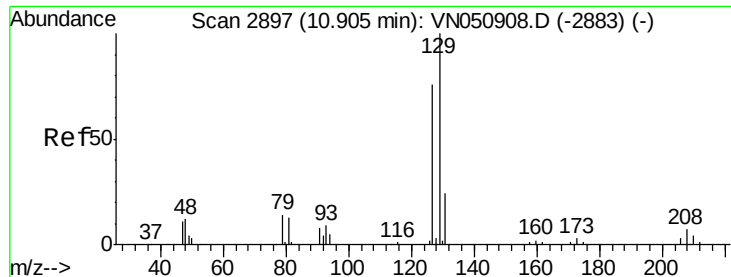
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#52
1,3-Dichloropropane
Concen: 19.32 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	63.4





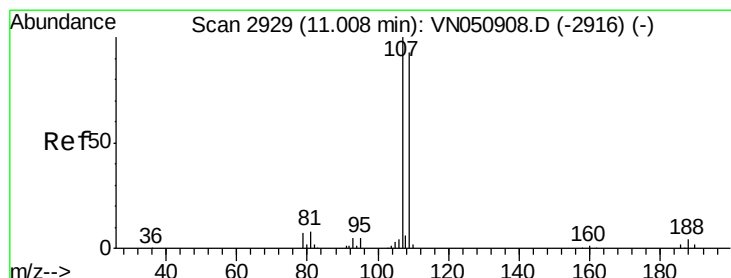
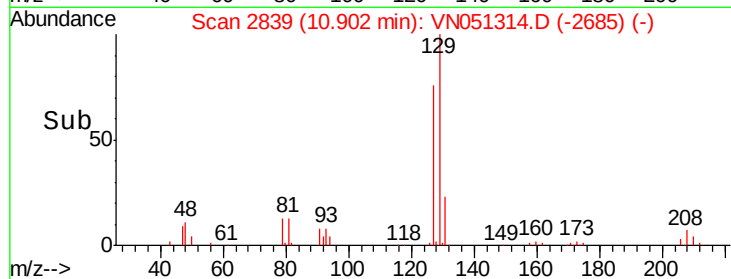
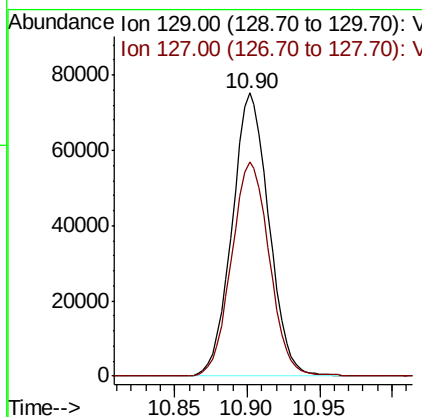
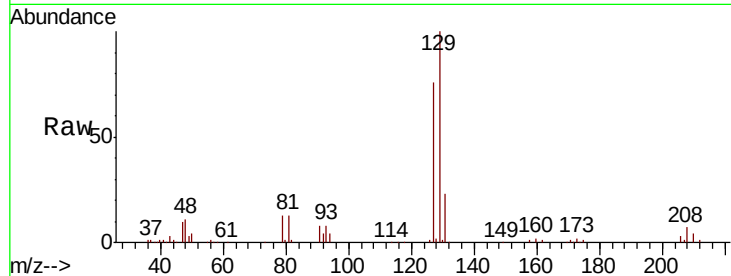
#53
 Dibromochloromethane
 Concen: 20.04 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion:129 Resp: 132703
 Ion Ratio Lower Upper
 129 100
 127 77.5 39.0 116.9

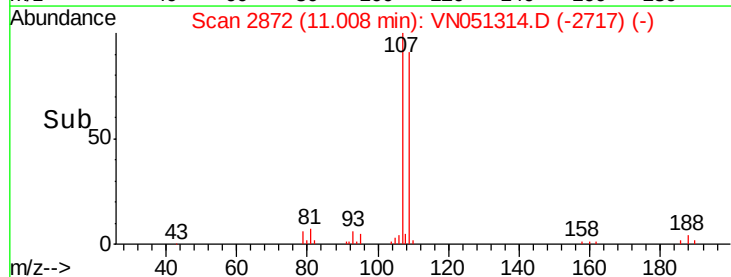
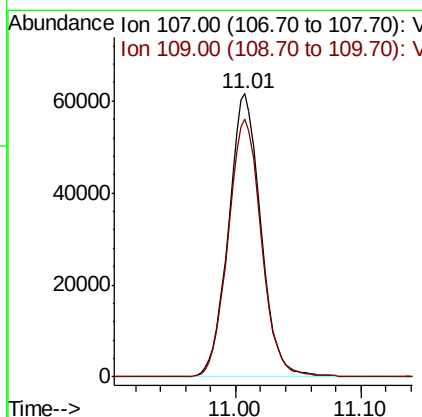
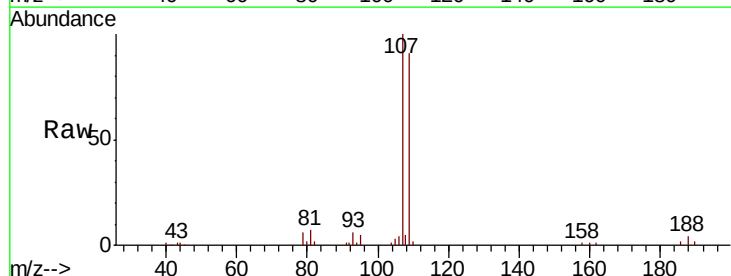
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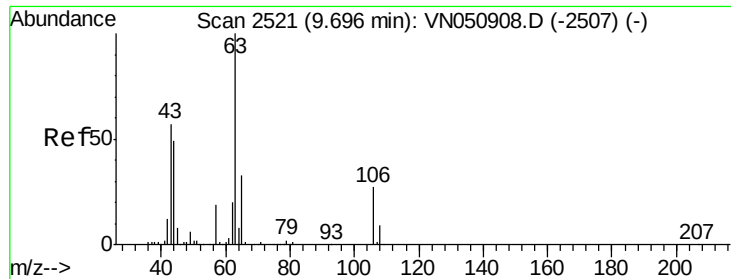
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#54
 1,2-Dibromoethane
 Concen: 19.15 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion:107 Resp: 110241
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.4 111.6





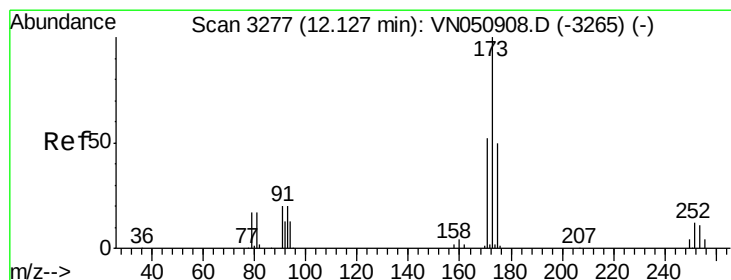
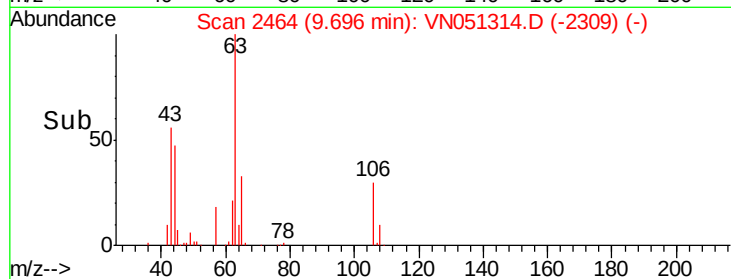
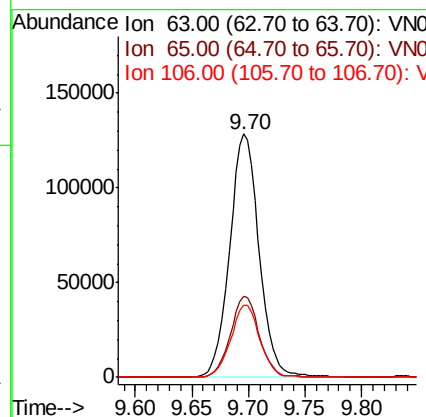
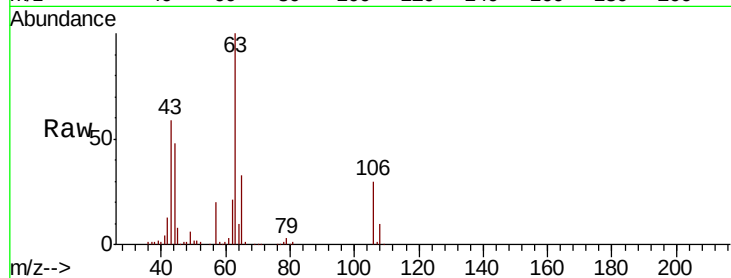
#55
2-Chloroethyl vinyl ether
Concen: 78.32 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.4	38.2
106	29.6	22.0	33.0

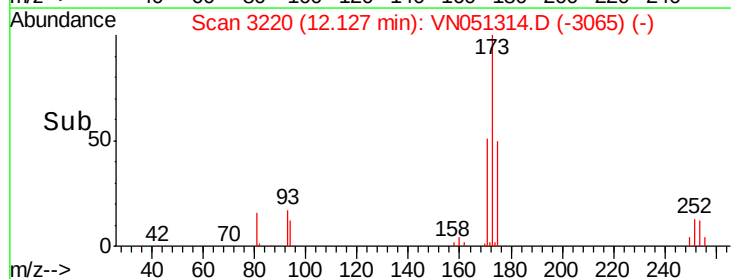
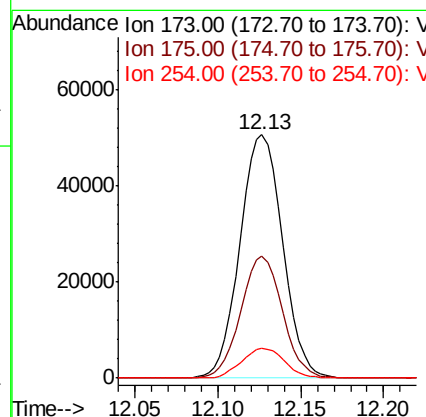
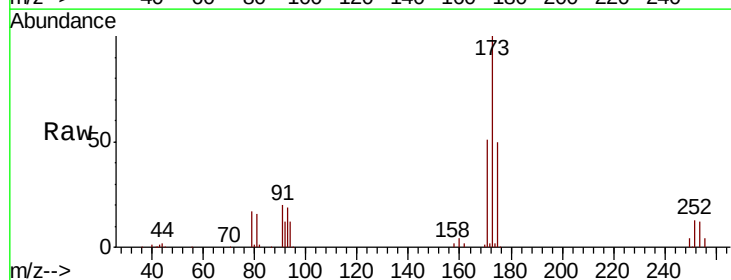
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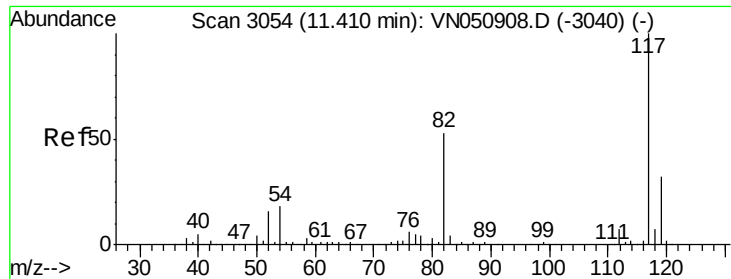
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#56
Bromoform
Concen: 19.33 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.2	58.8
254	12.3	9.0	13.6





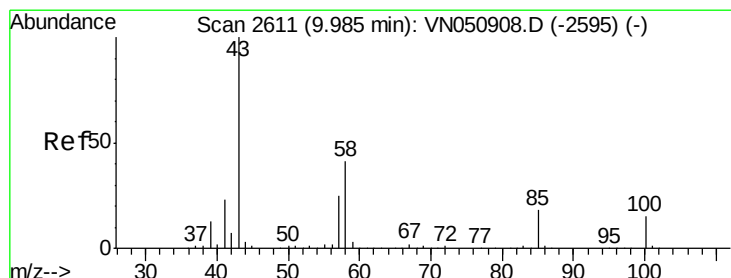
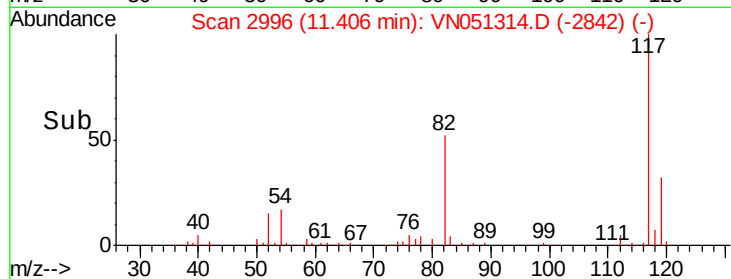
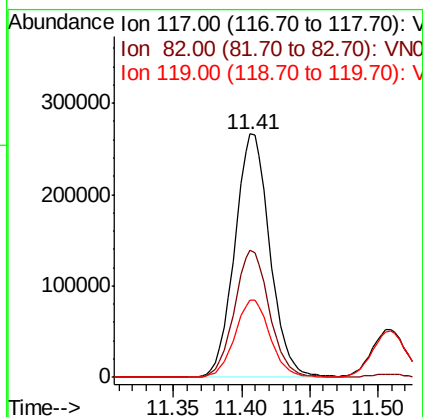
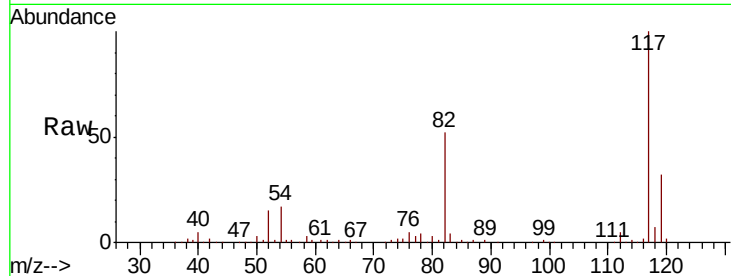
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampled :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	64.0
119	31.9	25.7	38.5

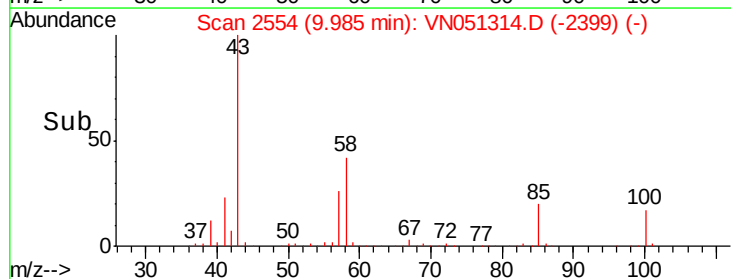
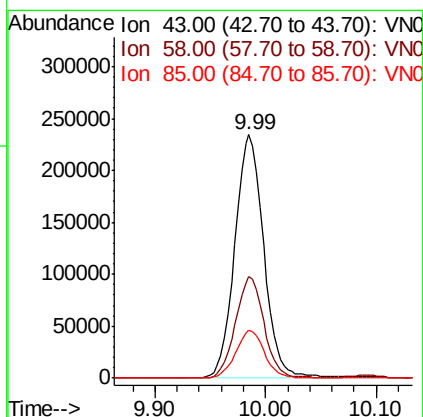
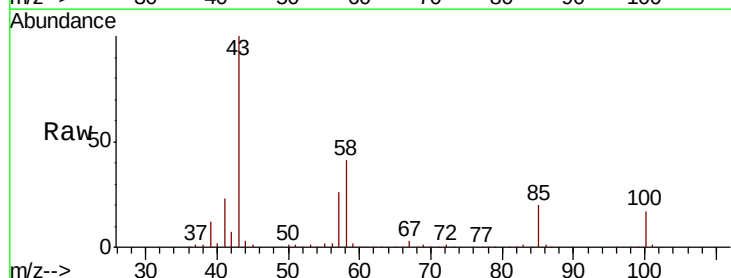
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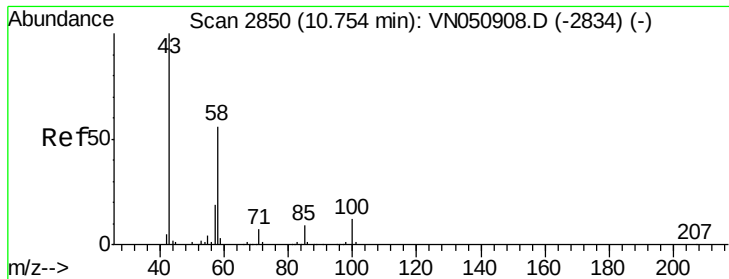
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#58
4-Methyl-2-Pentanone
Concen: 77.95 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.2	32.3	48.5
85	19.4	14.9	22.3





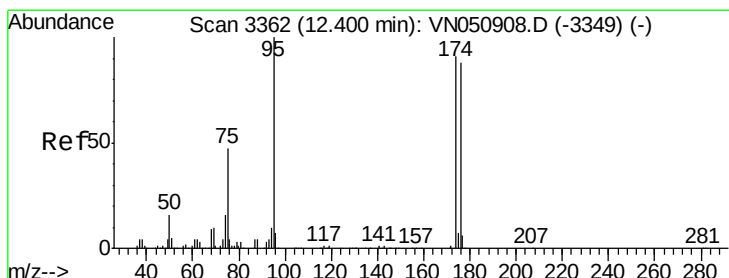
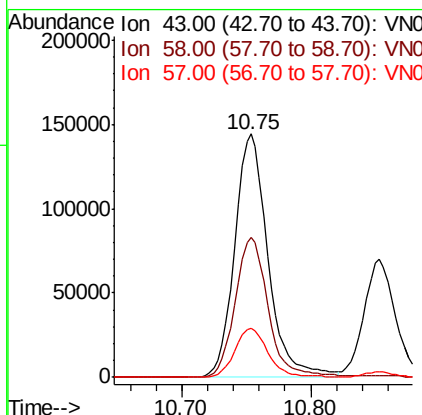
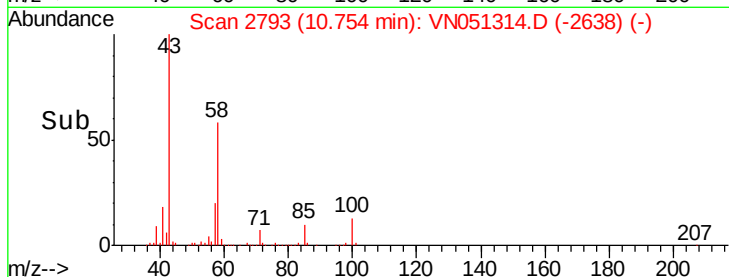
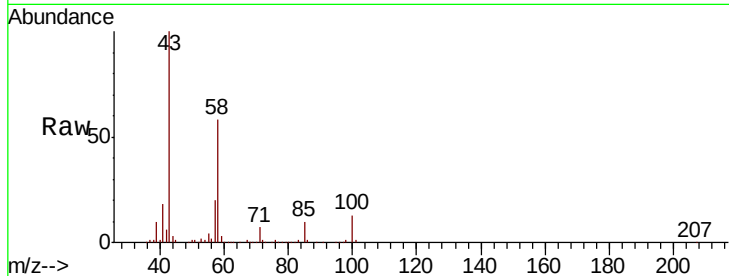
#59
2-Hexanone
Concen: 72.49 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	43	Resp	258071
Ion Ratio	Lower	Upper	
43	100		
58	57.4	45.5	68.3
57	20.3	15.2	22.8

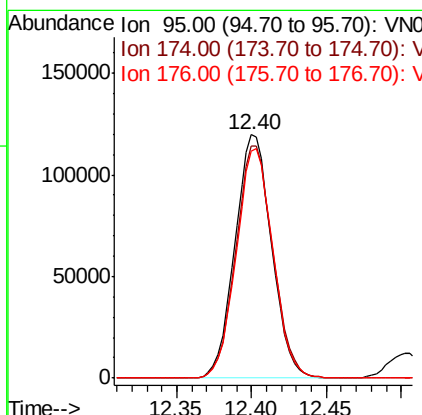
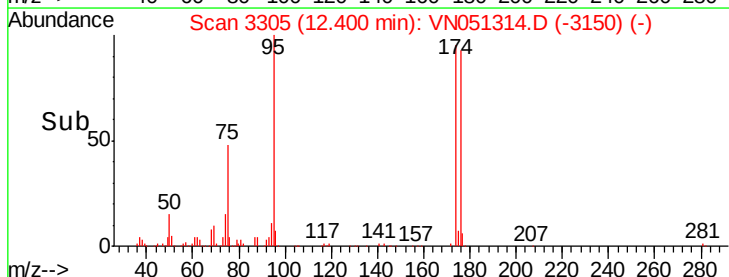
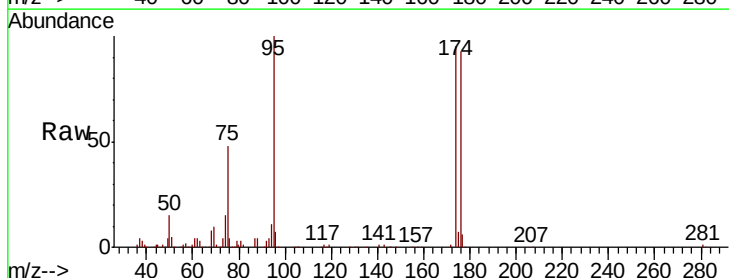
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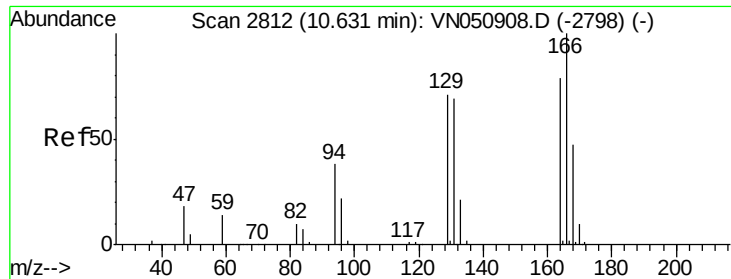
MMDadoda
9/20/2018 1:42:07 PM



#60
4-Bromofluorobenzene
Concen: 28.85 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	95	Resp	204200
Ion Ratio	Lower	Upper	
95	100		
174	96.4	74.6	112.0
176	94.2	71.5	107.3





#61

Tetrachloroethene

Concen: 22.35 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion:164 Resp: 132590

Ion Ratio Lower Upper

164 100

166 126.9 100.6 151.0

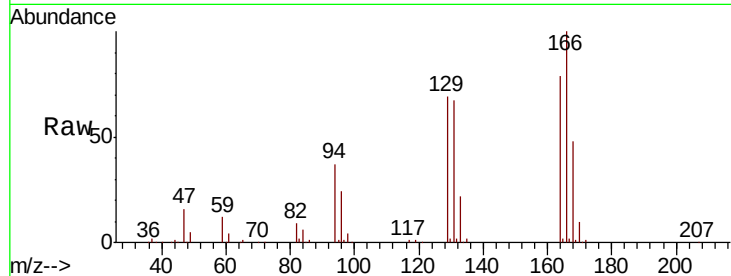
129 87.4 71.0 106.6

131 85.5 69.3 103.9

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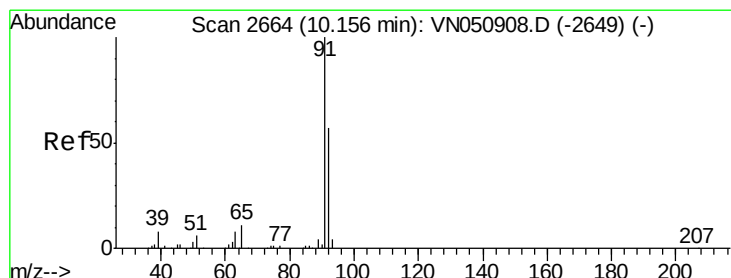
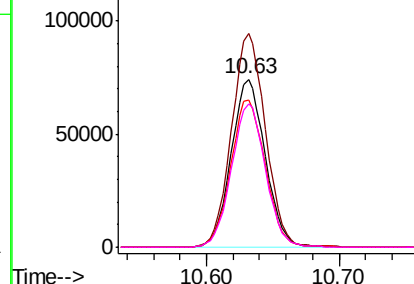
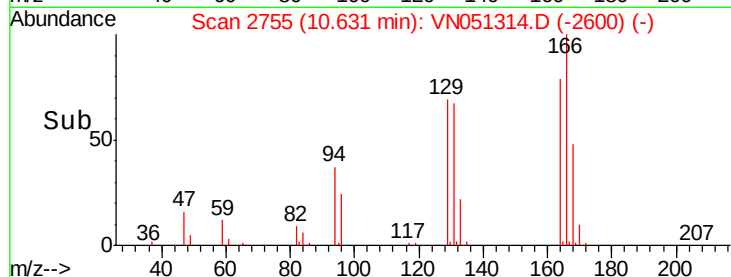
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.73 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051314.D

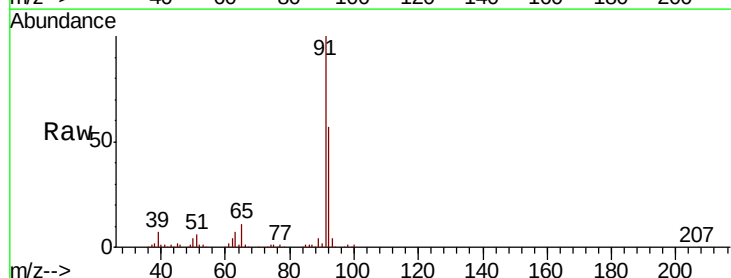
Acq: 19 Sep 2018 13:12

Tgt Ion: 91 Resp: 550544

Ion Ratio Lower Upper

91 100

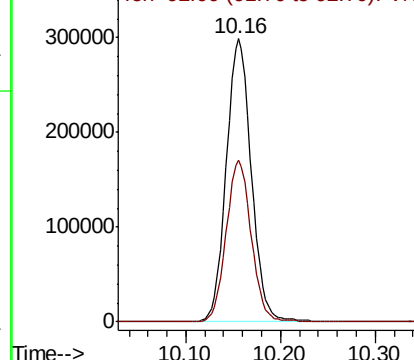
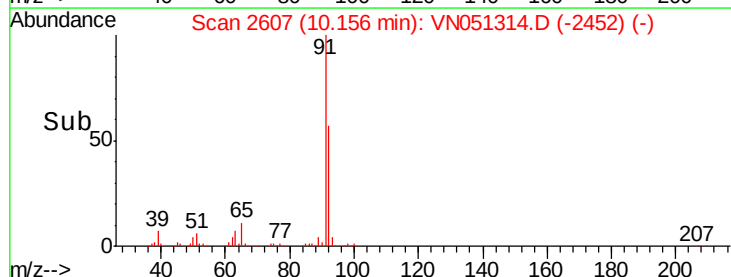
92 57.2 45.8 68.8

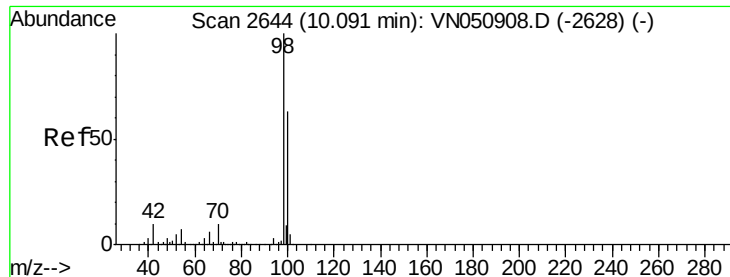


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.27 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampled :

VN0919WBS01

Tot Ion: 98 Resp: 672005

Ion Ratio Lower Upper

98 100

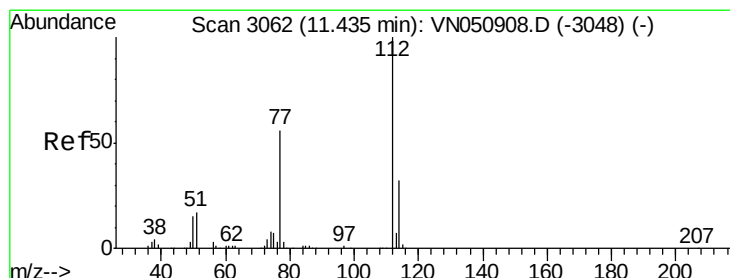
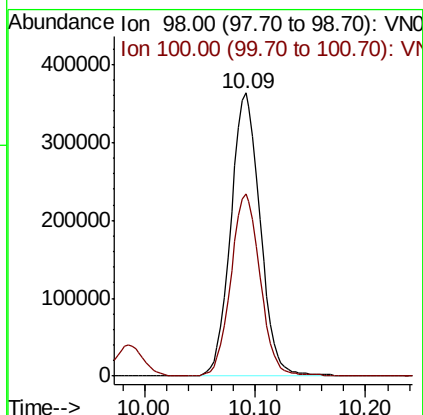
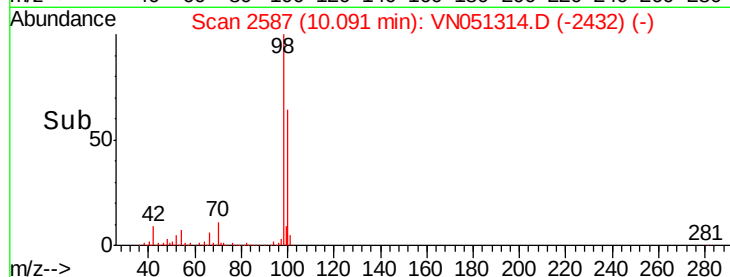
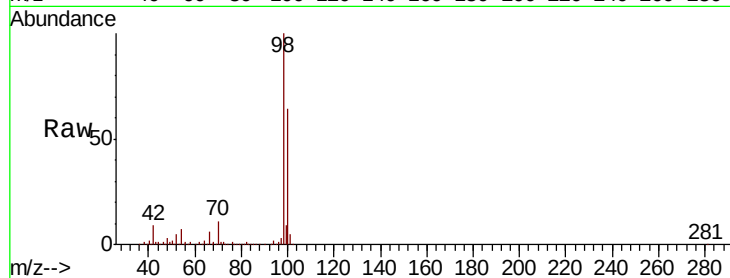
100 64.3 50.6 75.8

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#64

Chlorobenzene

Concen: 21.13 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051314.D

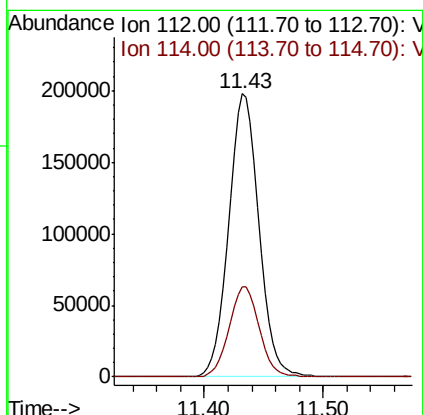
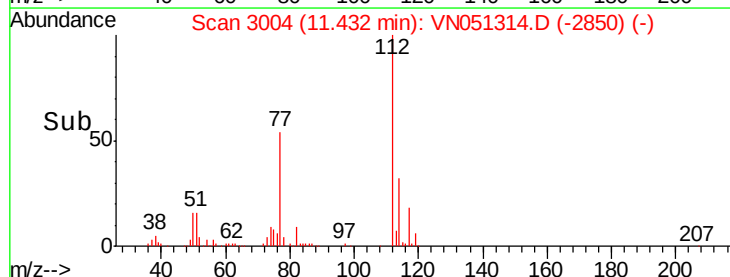
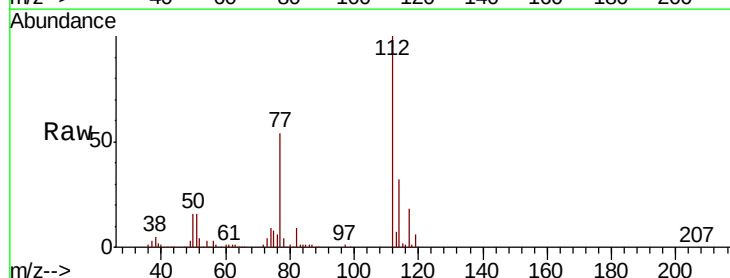
Acq: 19 Sep 2018 13:12

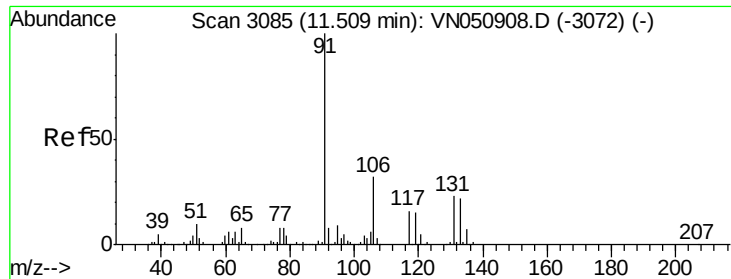
Tgt Ion: 112 Resp: 347758

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 21.60 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

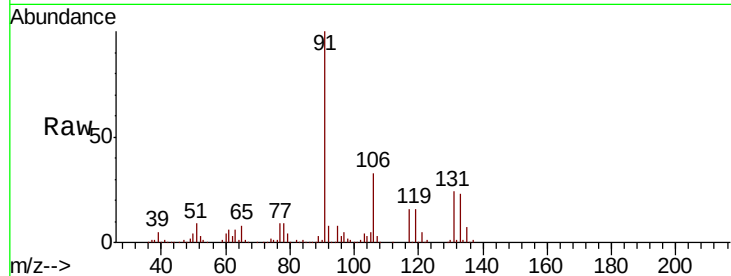
ClientSampleId :

VN0919WBS01

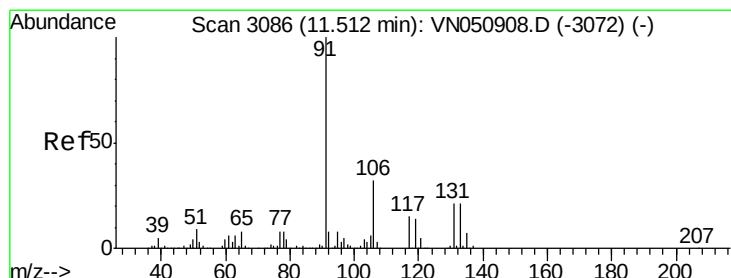
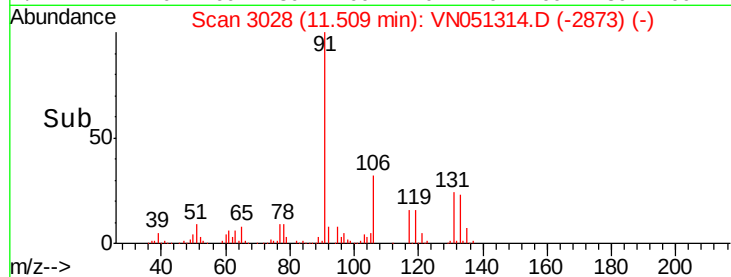
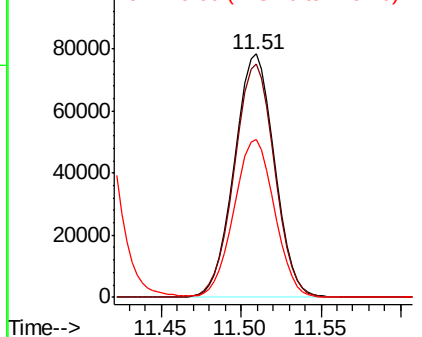
Tot Ion:	131	Resp:	134216
Ion Ratio	Lower	Upper	
131	100		
133	96.1	0.0	189.4
119	65.6	0.0	132.2

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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.16 ug/l

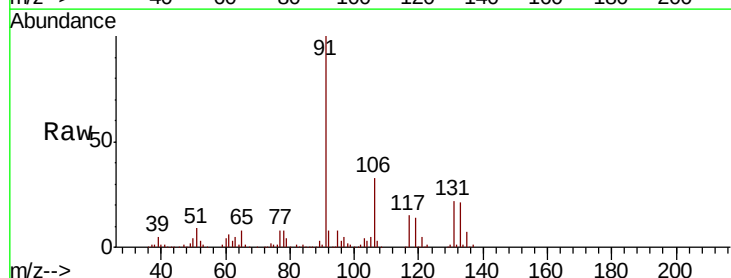
RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

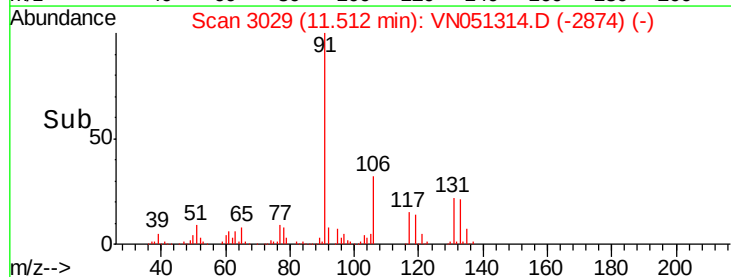
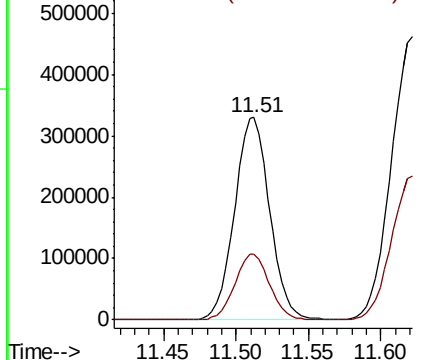
Lab File: VN051314.D

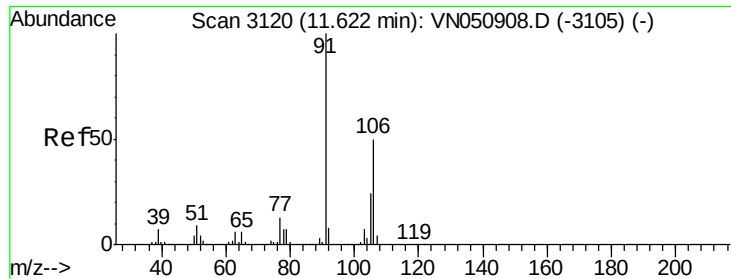
Acq: 19 Sep 2018 13:12

Tgt Ion:	91	Resp:	554733
Ion Ratio	Lower	Upper	
91	100		
106	32.7	25.7	38.5



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





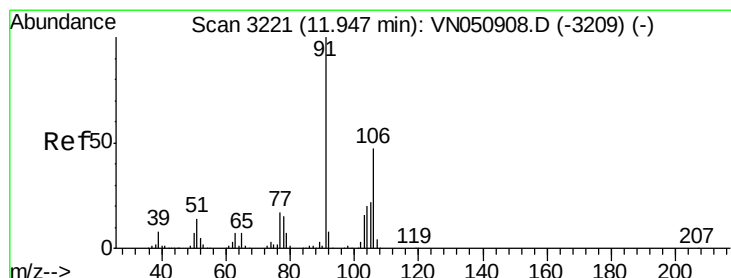
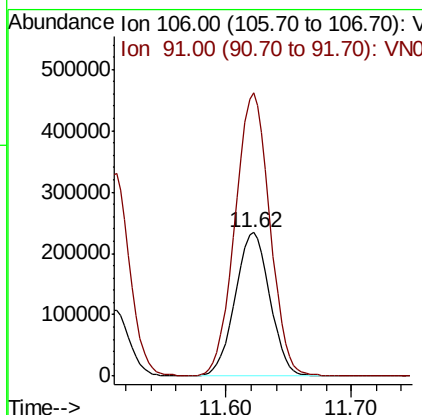
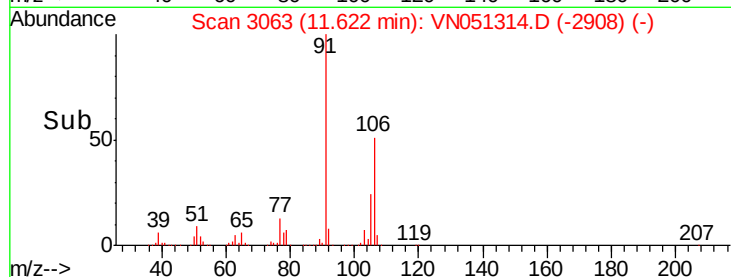
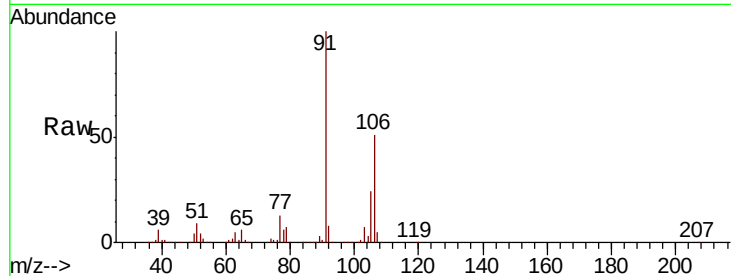
#67
m/p-Xylenes
Concen: 42.52 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		450095		
91	197.0	160.6	241.0		

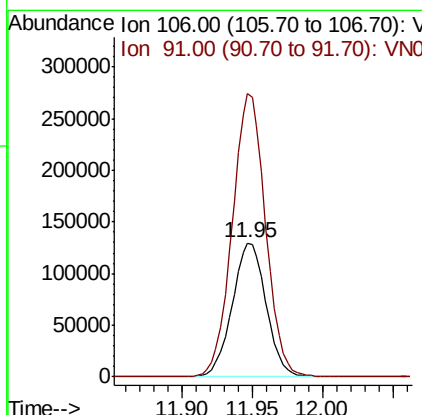
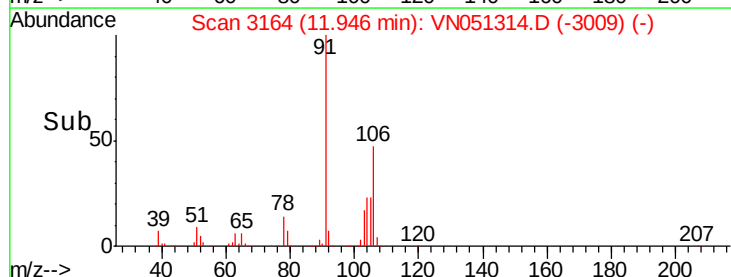
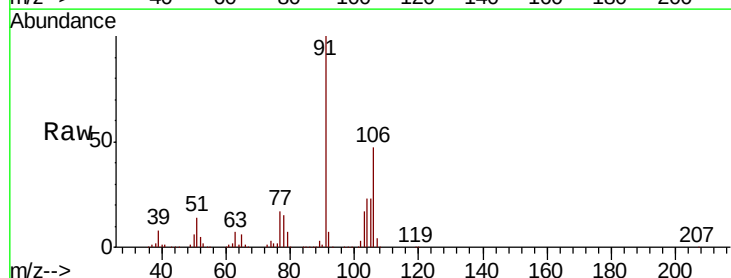
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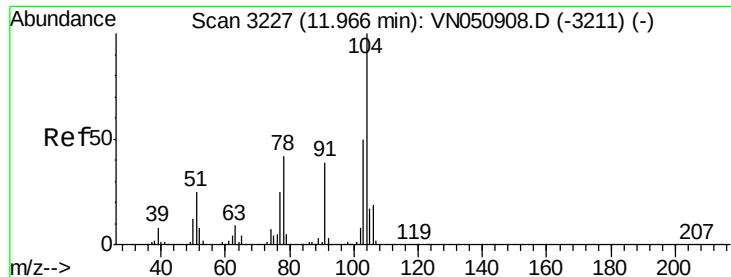
MMDadoda
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#68
o-Xylene
Concen: 21.48 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		217268		
91	207.8	106.4	319.2		





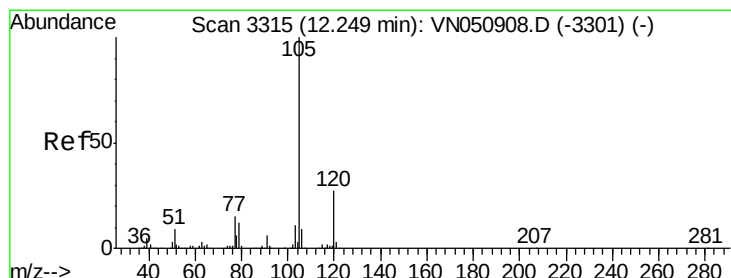
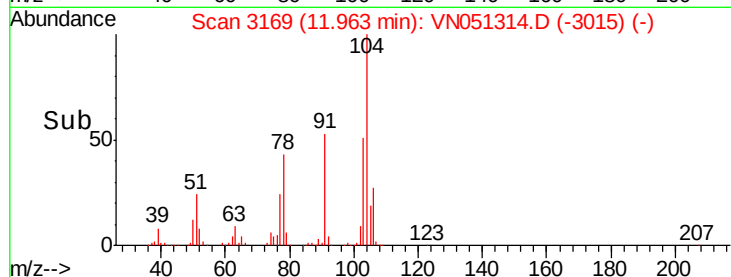
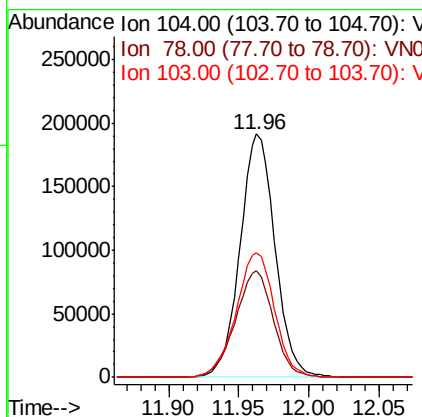
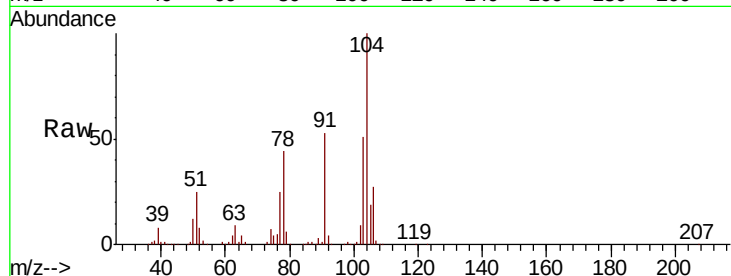
#69
 Stvrene
 Concen: 20.76 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.6	38.6	58.0
103	56.4	45.4	68.2

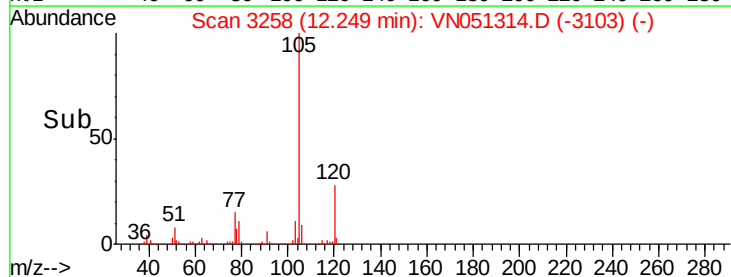
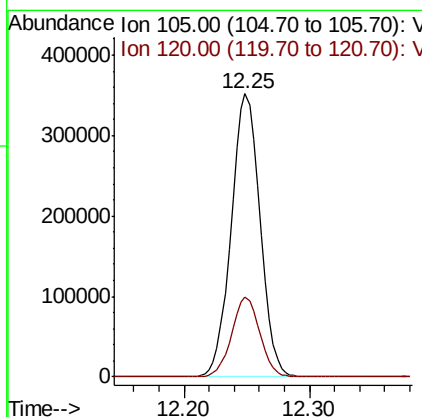
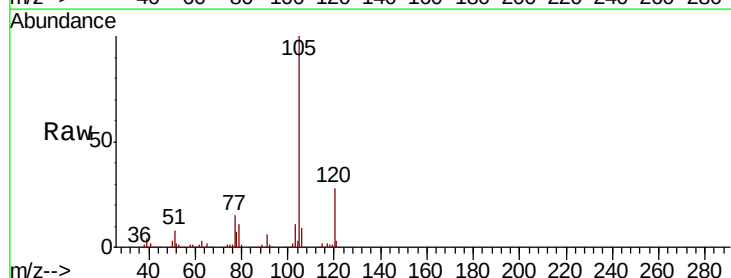
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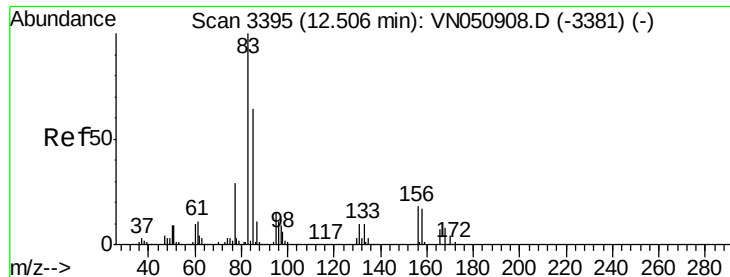
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#70
 Isopropylbenzene
 Concen: 20.88 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	18.6	34.6





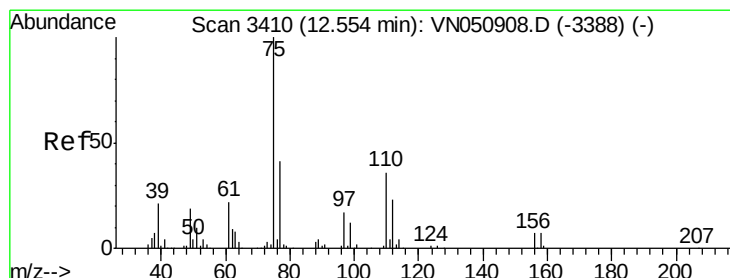
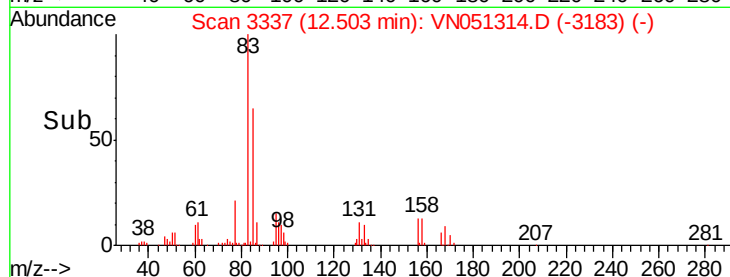
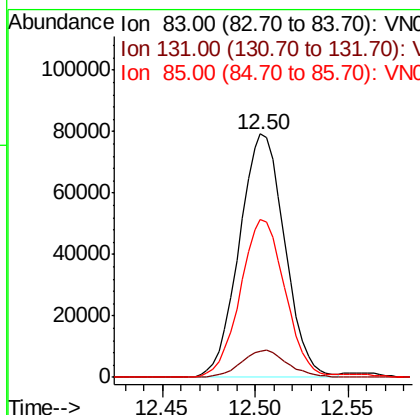
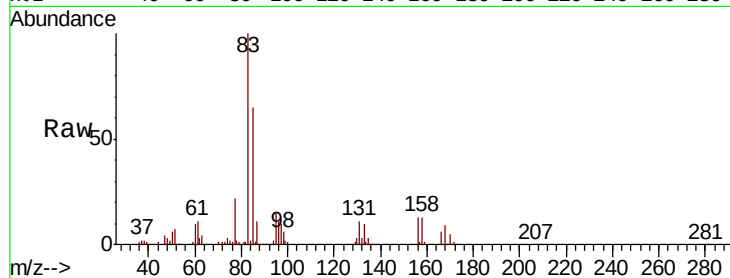
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.51 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.9
85	64.0	32.3	96.9

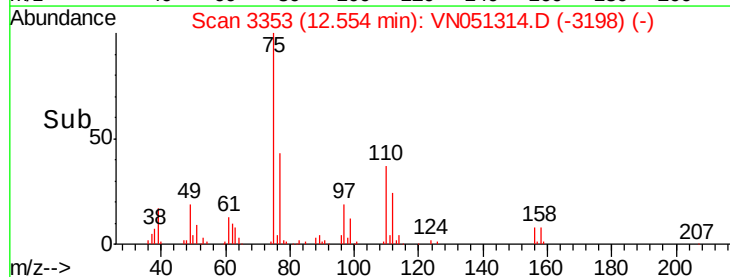
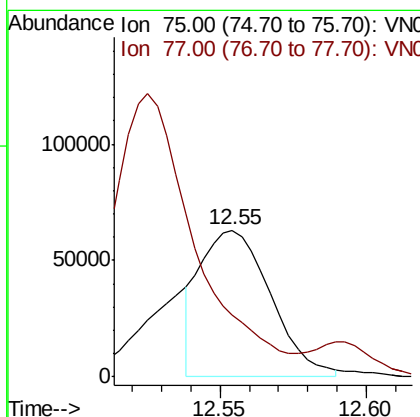
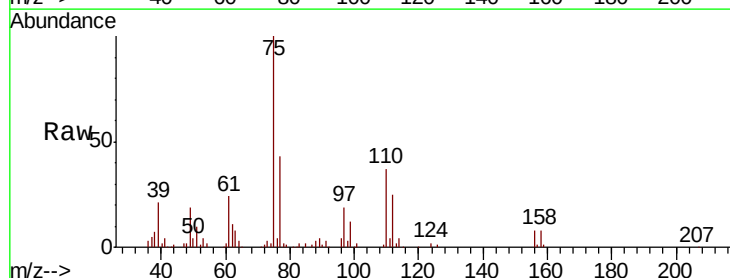
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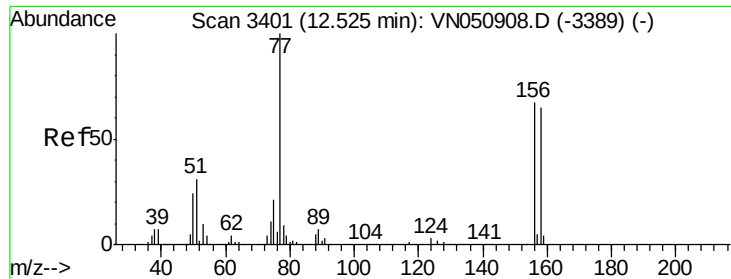
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#72
 1,2,3-Trichloropropane
 Concen: 16.88 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	231.5	0.0	301.6





#73

Bromobenzene

Concen: 20.51 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

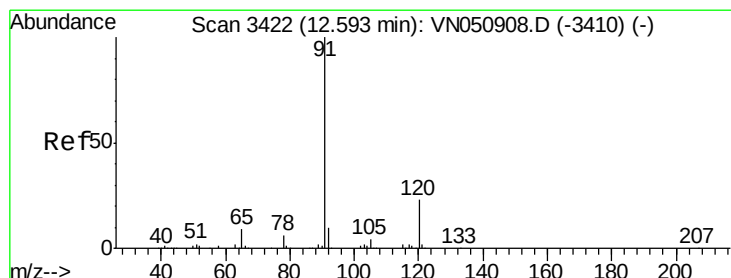
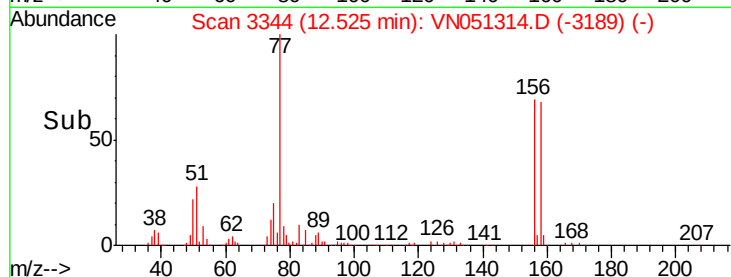
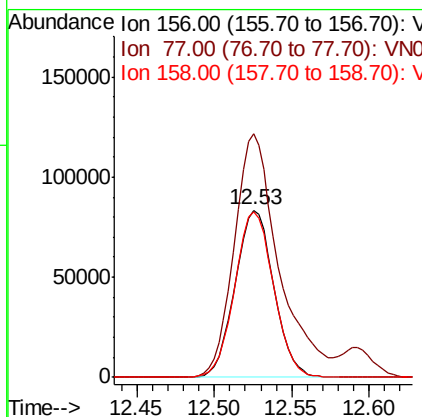
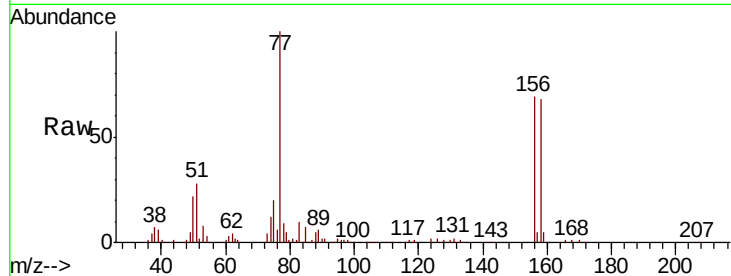
ClientSampleId :

VN0919WBS01

Tot Ion:	156	Resp:	145003
Ion Ratio	Lower	Upper	
156	100		
77	169.1	0.0	359.4
158	99.4	0.0	194.6

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#74

n-propylbenzene

Concen: 20.02 ug/l

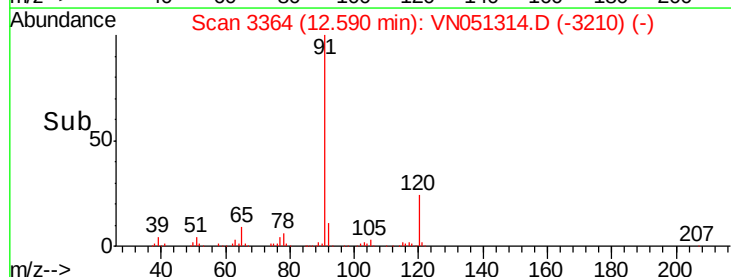
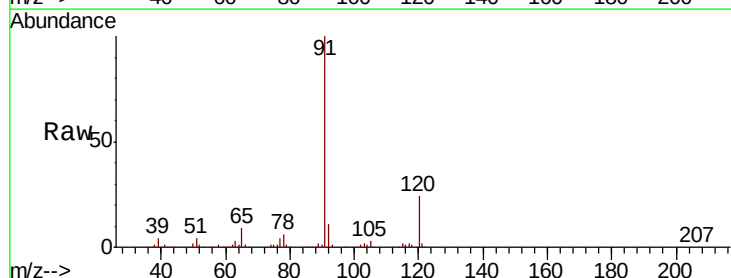
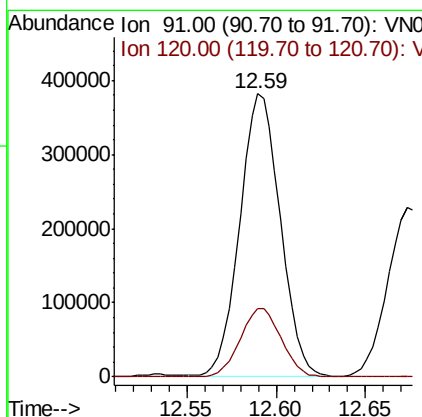
RT: 12.59 min Scan# 3364

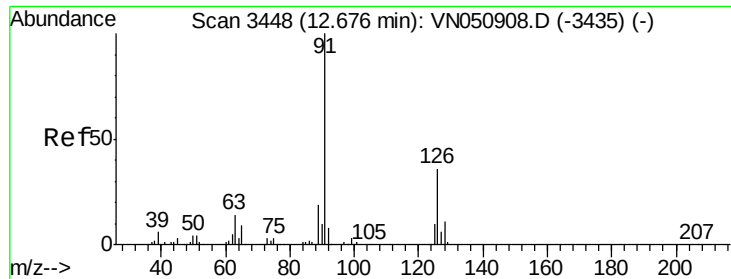
Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Tgt Ion:	91	Resp:	608332
Ion Ratio	Lower	Upper	
91	100		
120	24.4	0.0	46.0





#75

2-Chlorotoluene

Concen: 20.55 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBS01

Tot Ion: 91 Resp: 379332

Ion Ratio Lower Upper

91 100

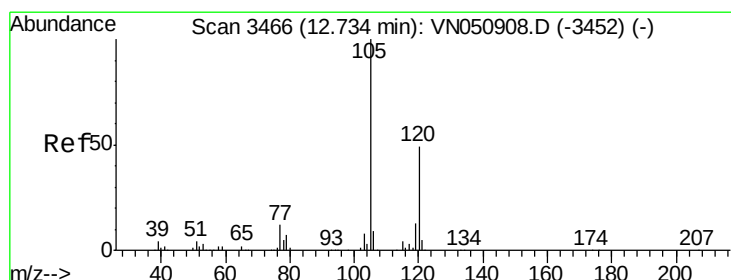
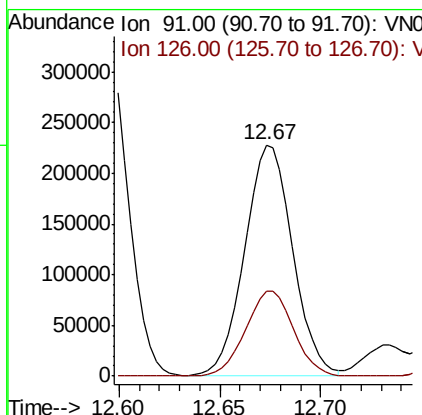
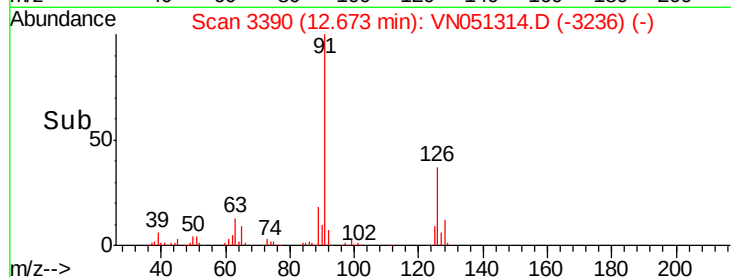
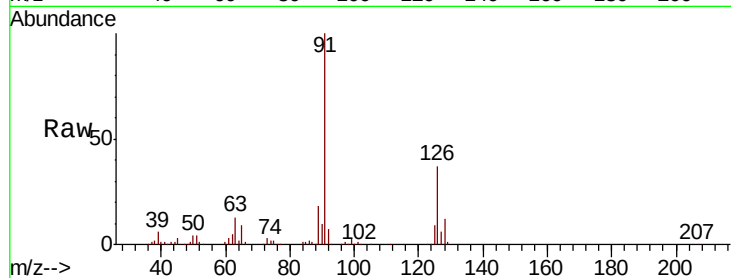
126 36.9 0.0 71.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 21.04 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051314.D

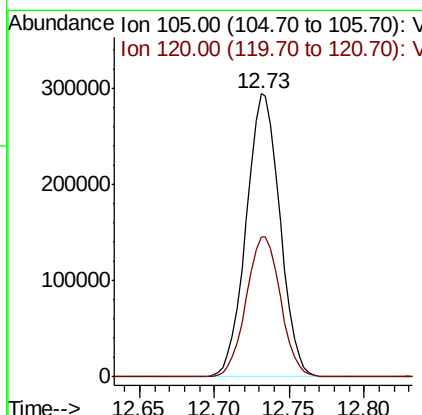
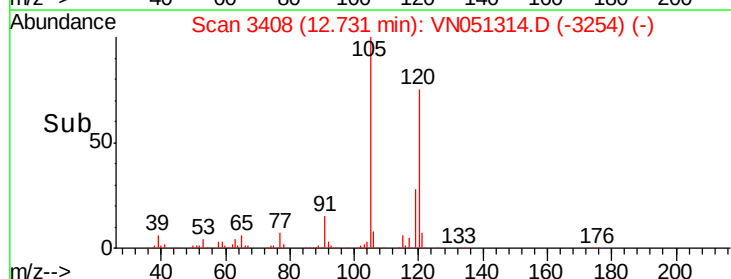
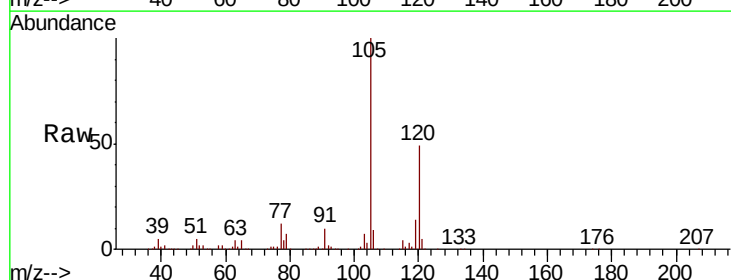
Acq: 19 Sep 2018 13:12

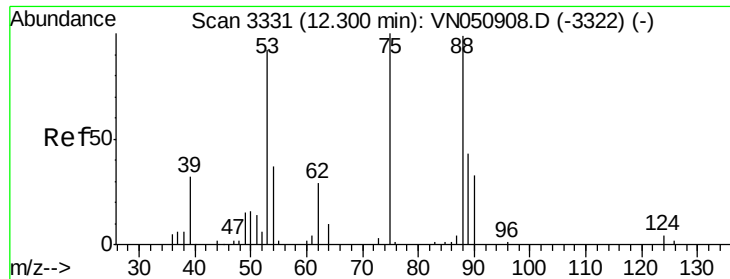
Tgt Ion: 105 Resp: 462125

Ion Ratio Lower Upper

105 100

120 50.5 0.0 99.6





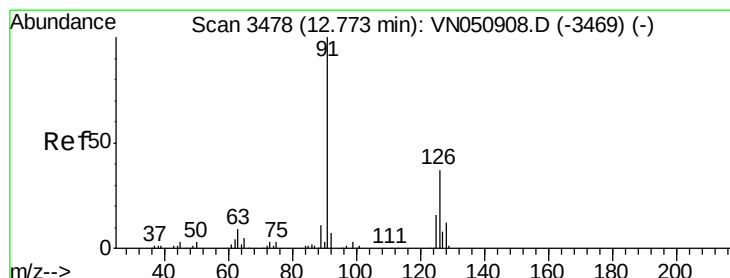
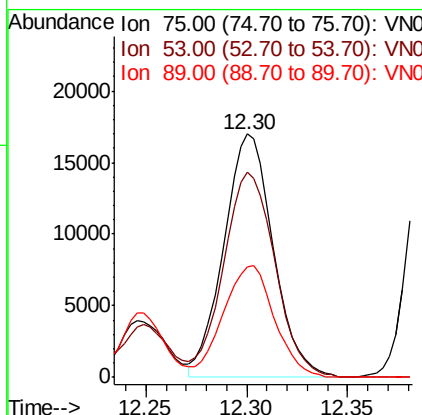
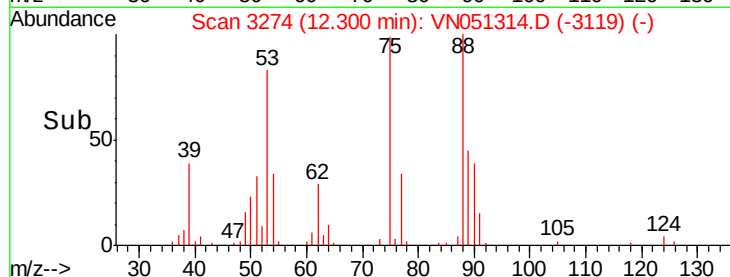
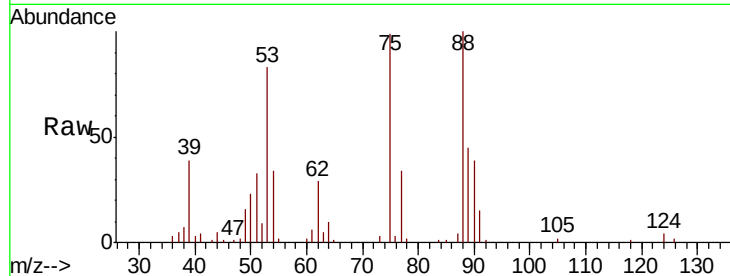
#77
t-1,4-Dichloro-2-butene
Concen: 16.30 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.0	45.5	136.4
89	45.6	21.9	65.8

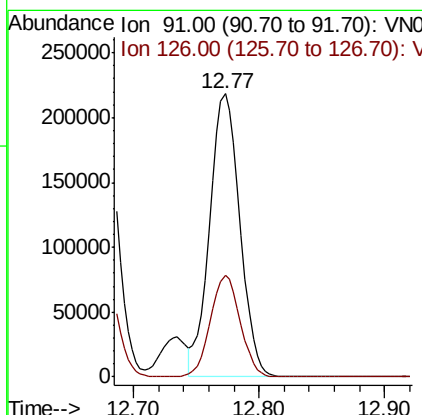
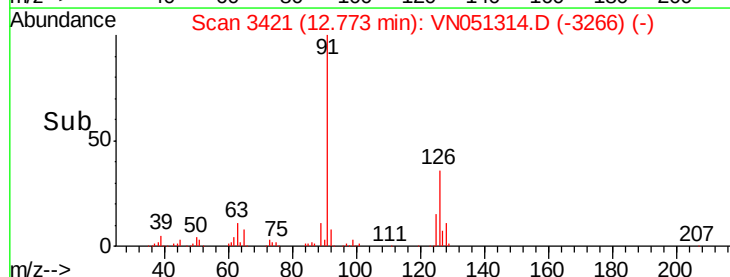
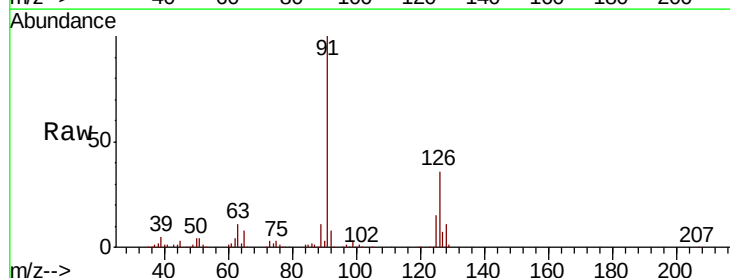
Manual Integrations
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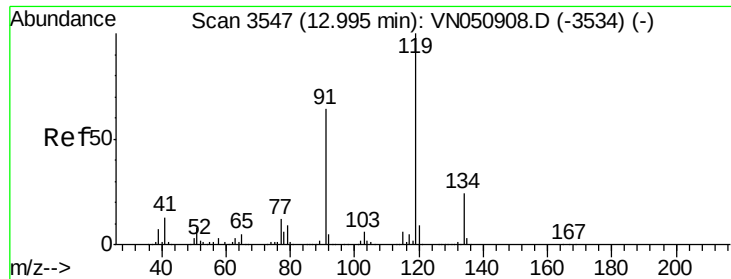
MMDadoda
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#78
4-Chlorotoluene
Concen: 20.09 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	0.0	69.8





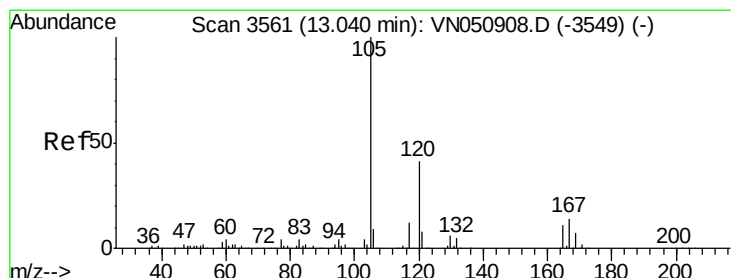
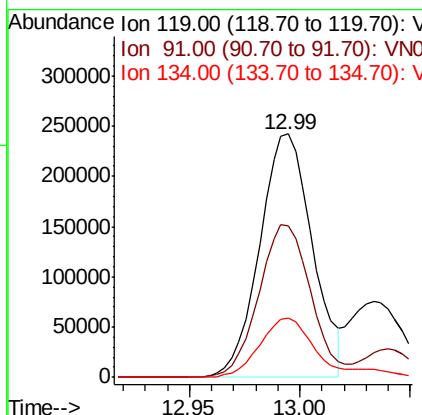
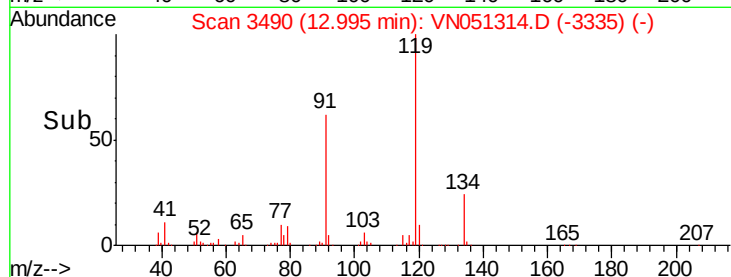
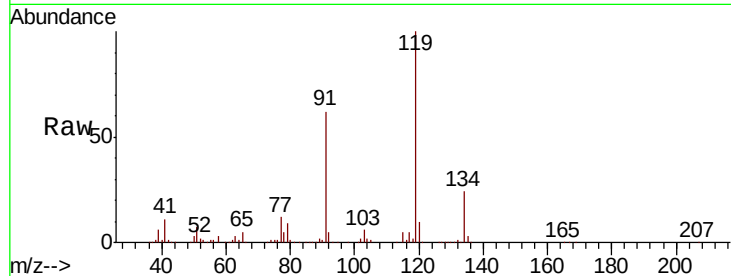
#79
tert-butylbenzene
Concen: 21.03 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	401193		
91	61.8		0.0	125.6
134	24.3		0.0	48.4

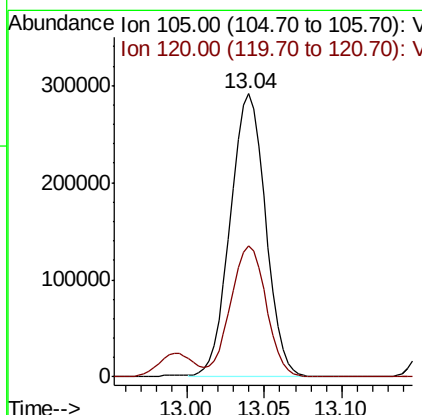
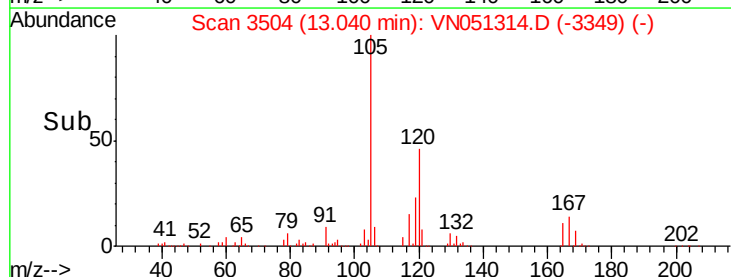
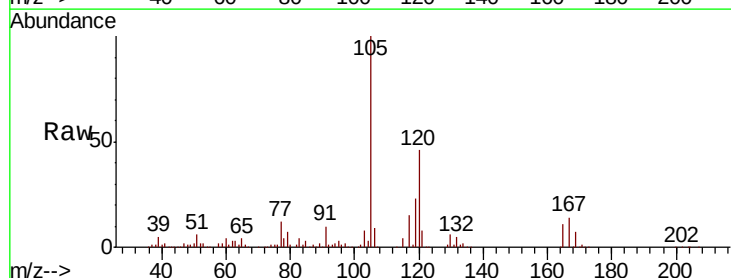
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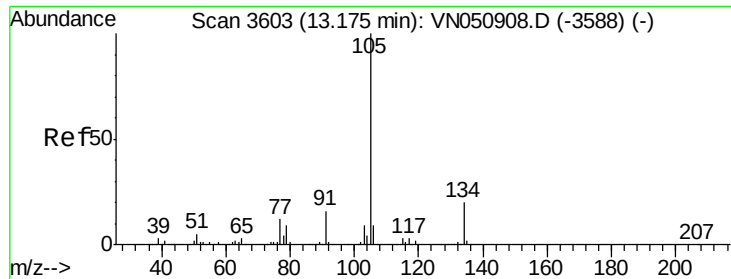
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 21.09 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	461797		
120	46.9		0.0	93.6





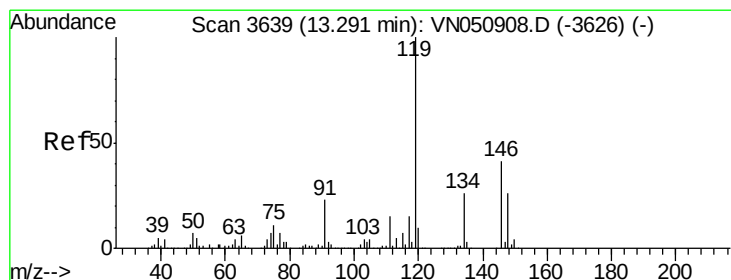
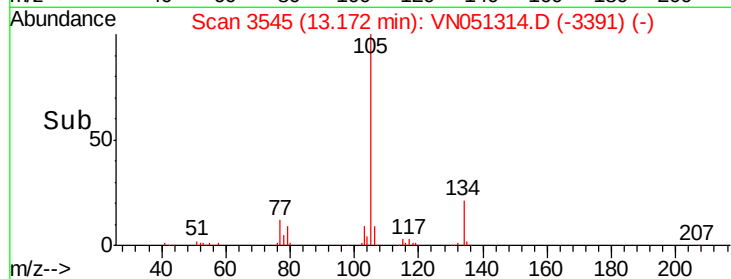
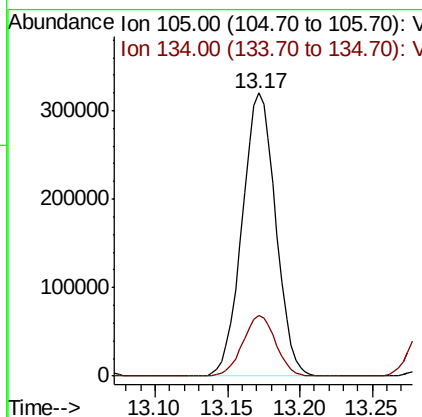
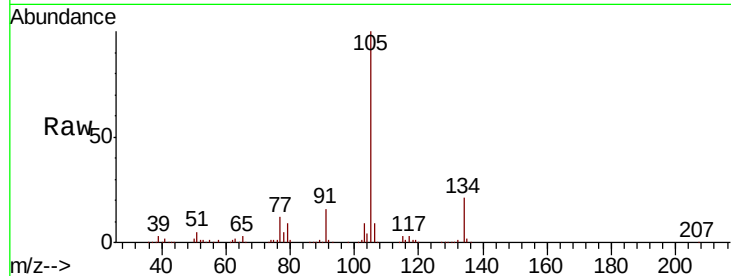
#81
 sec-Butylbenzene
 Concen: 20.59 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	513890		
134	21.1	0.0	40.8	

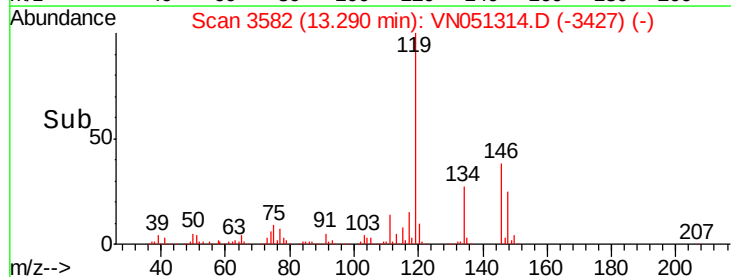
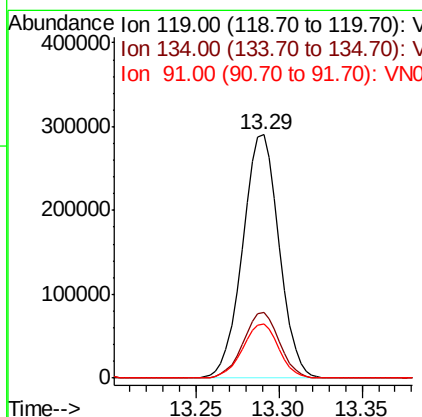
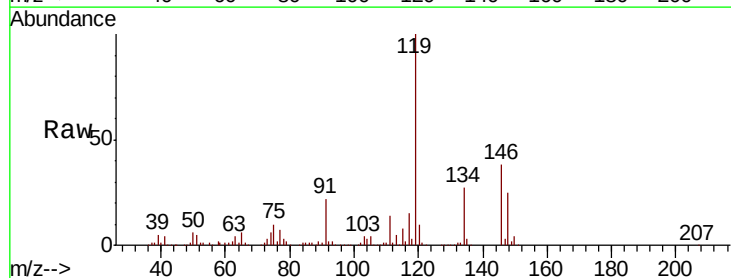
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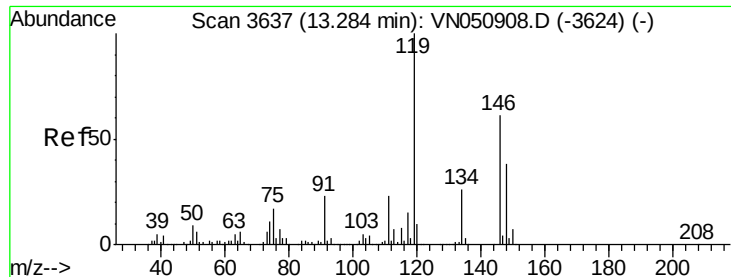
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#82
 p-Isopropyltoluene
 Concen: 20.58 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	443304		
134	26.8	0.0	53.2	
91	22.2	0.0	46.0	





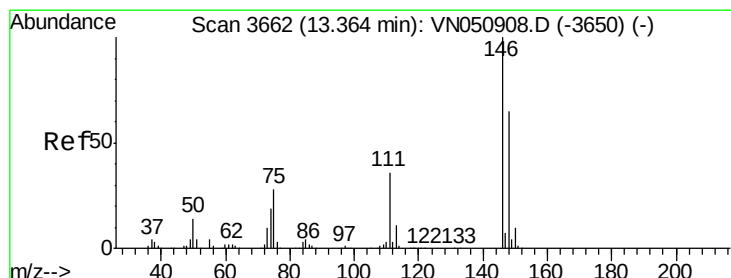
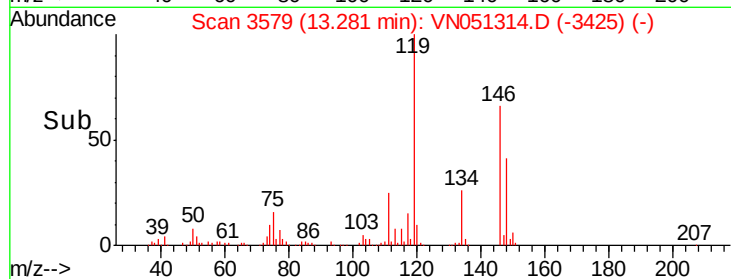
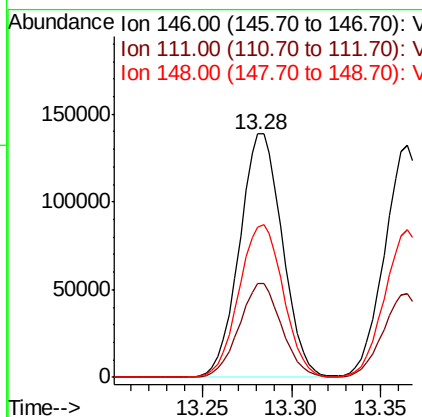
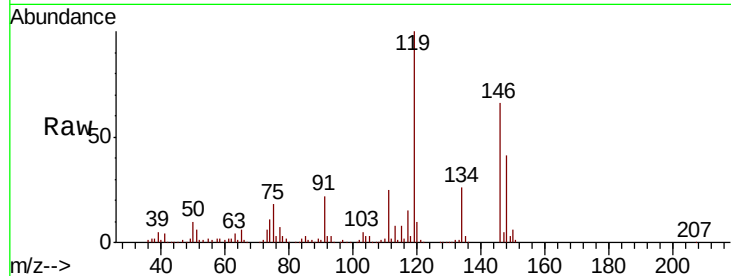
#83
1,3-Dichlorobenzene
Concen: 19.56 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.6
148	64.5	31.8	95.3

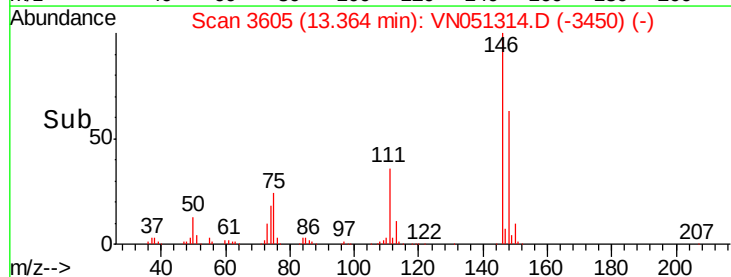
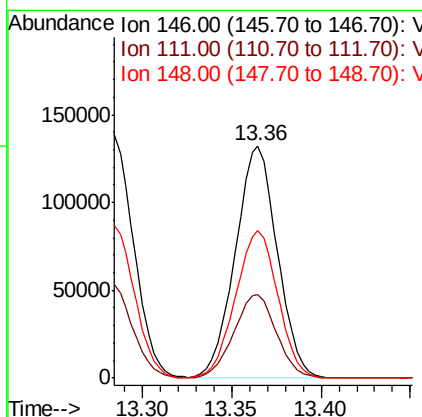
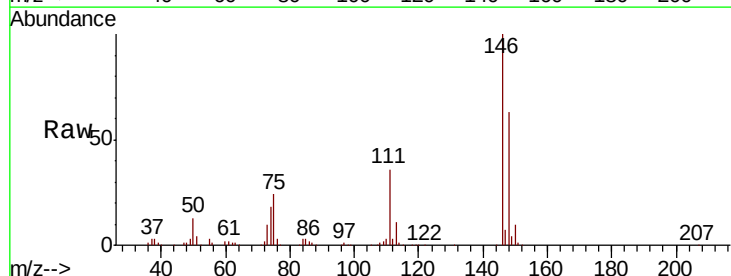
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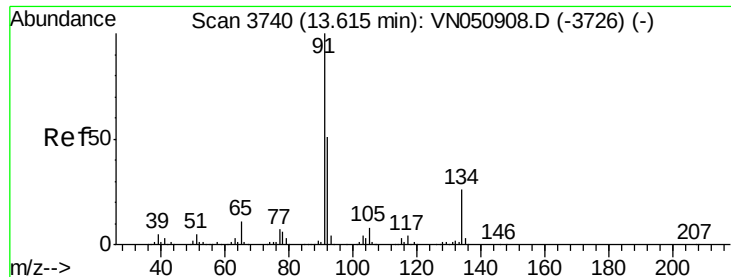
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#84
1,4-Dichlorobenzene
Concen: 19.16 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.7	53.1
148	64.4	31.6	94.8





#85

n-Butylbenzene

Concen: 17.82 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_N

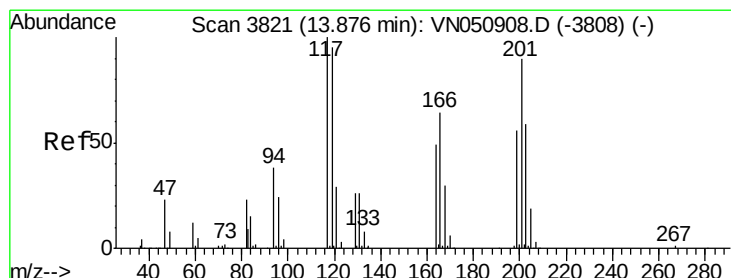
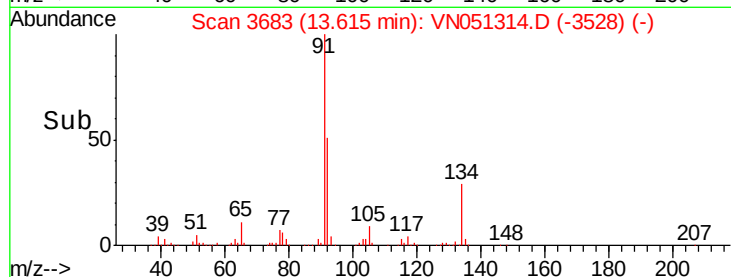
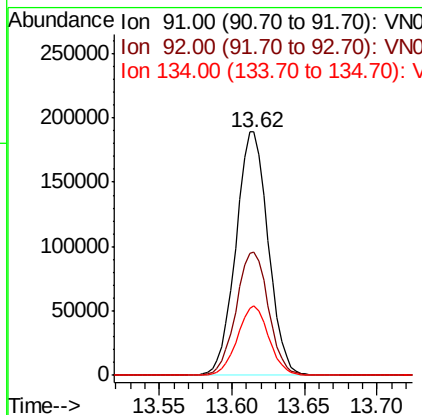
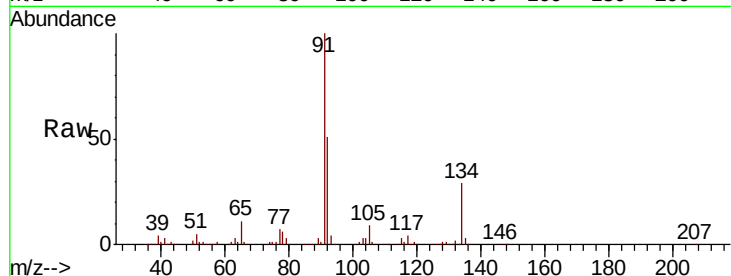
ClientSampleId :

VN0919WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	0.0	101.8
134	27.7	0.0	52.2

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#86

Hexachloroethane

Concen: 20.71 ug/l

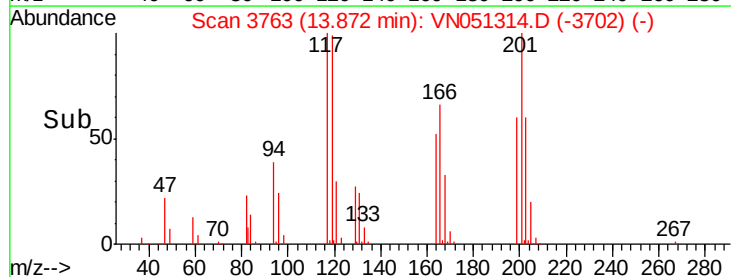
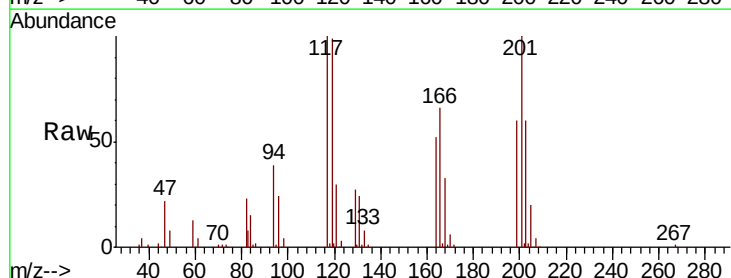
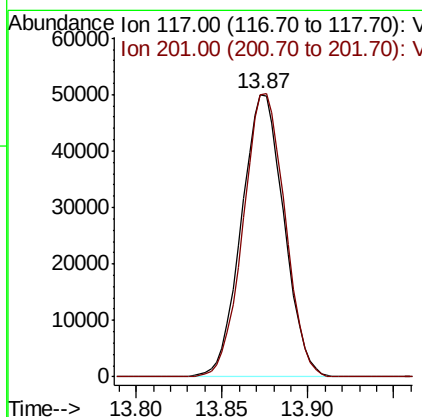
RT: 13.87 min Scan# 3763

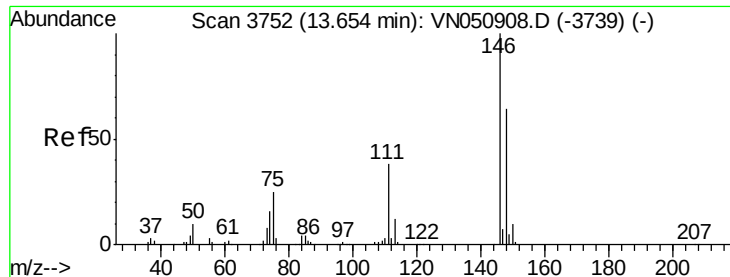
Delta R.T. -0.00 min

Lab File: VN051314.D

Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.6	45.8	137.4





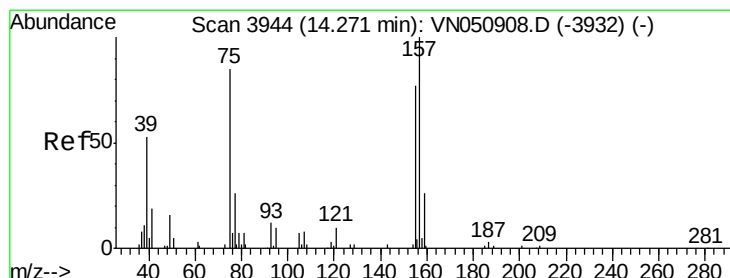
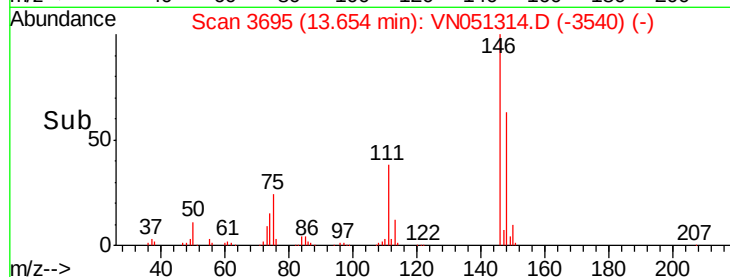
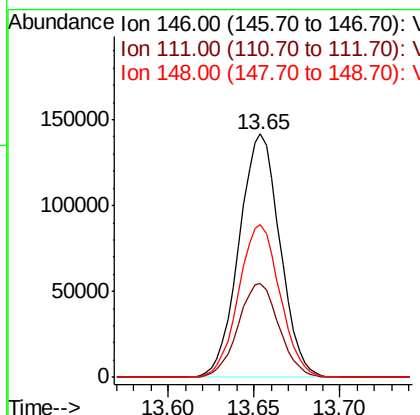
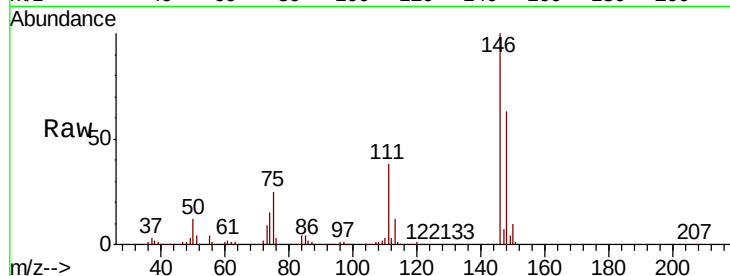
#87
 1,2-Dichlorobenzene
 Concen: 19.88 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0919WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	63.5	31.9	95.9

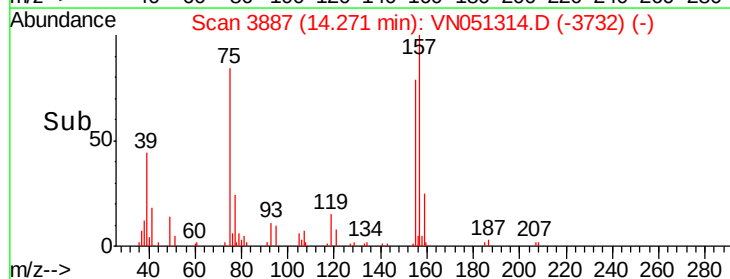
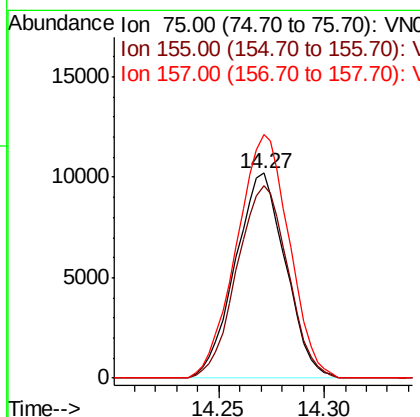
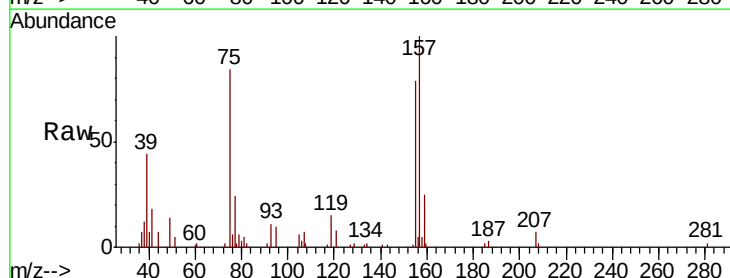
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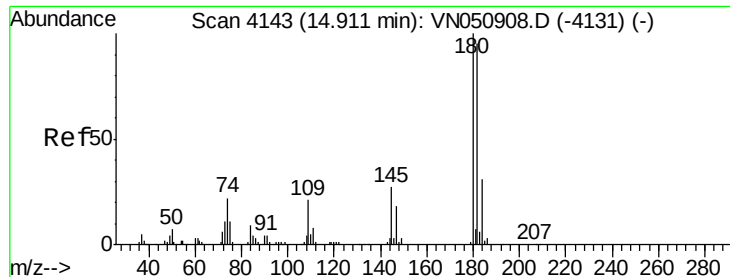
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.65 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	71.8	107.6
157	123.8	91.1	136.7





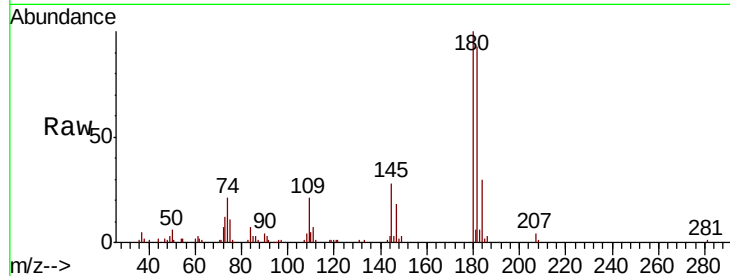
#89
 1,2,4-Trichlorobenzene
 Concen: 13.87 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.2	114.4
145	27.8	22.2	33.4

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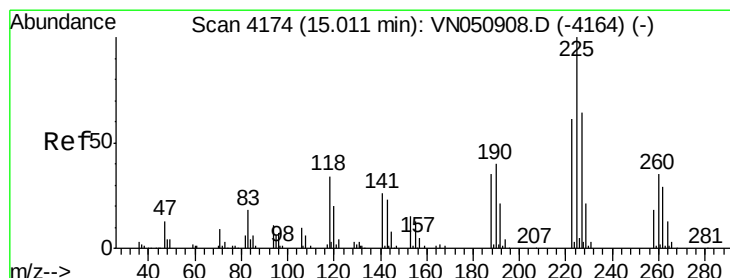
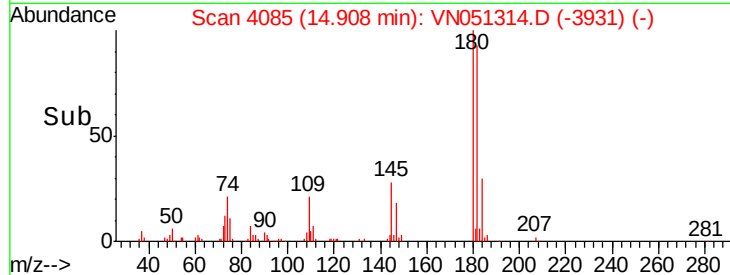
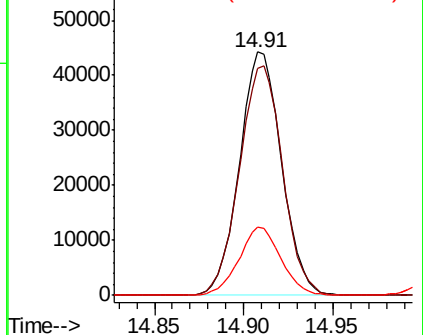


Abundance

Ion 180.00 (179.70 to 180.70): V

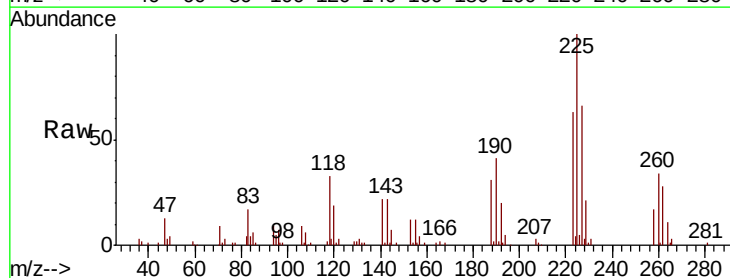
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 22.20 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051314.D
 Acq: 19 Sep 2018 13:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	0.0	127.8
227	65.6	0.0	128.4

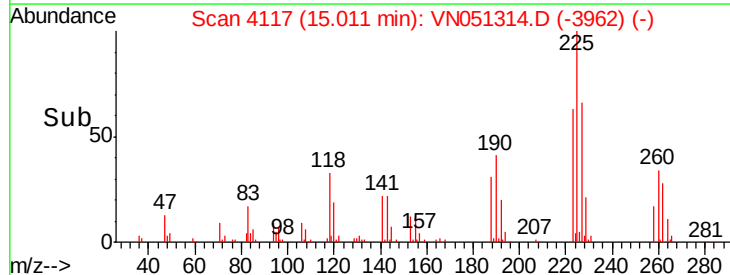
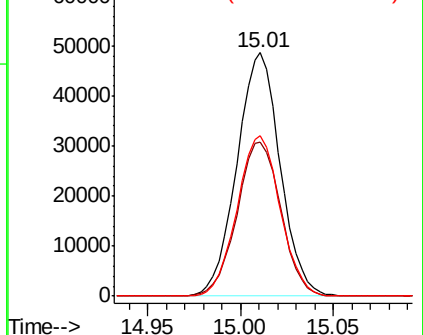


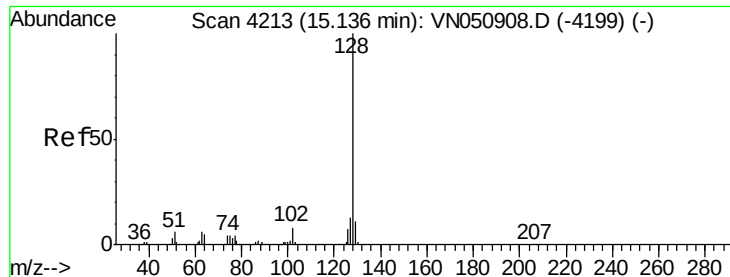
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





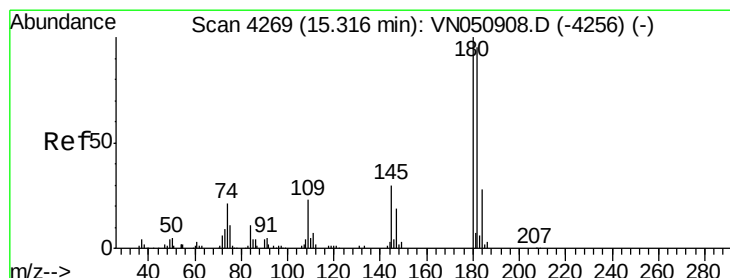
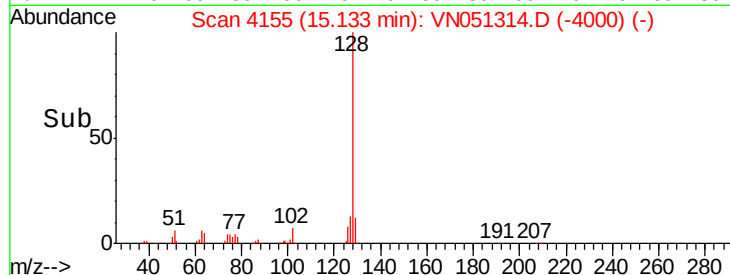
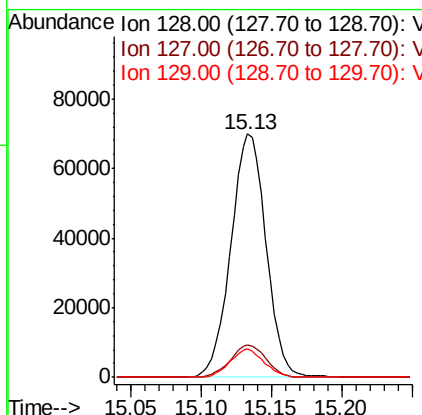
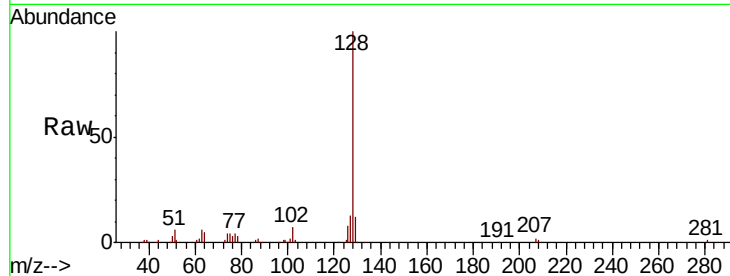
#91
Naphthalene
Concen: 16.04 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBS01

Tot Ion:	128	Resp:	122247
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.2	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 15.40 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051314.D
Acq: 19 Sep 2018 13:12

Tgt Ion:	180	Resp:	80960
Ion Ratio	Lower	Upper	
180	100		
182	94.9	0.0	192.8
145	28.7	0.0	60.0

