

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001117.D
 Acq On : 29 Jan 2018 13:19
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:53 PM

Quant Time: Jan 30 01:00:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 00:46:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	317071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	437844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	405546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151803	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.88	113	142888	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.33	98	548173	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.63	95	200984	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	129457	48.18	ug/l	100
3) Chloromethane	2.22	50	108252	46.12	ug/l	100
4) Vinyl Chloride	2.36	62	110095	47.11	ug/l	100
5) Bromomethane	2.75	94	76902	55.82	ug/l	100
6) Chloroethane	2.90	64	61687	46.52	ug/l	100
7) Trichlorofluoromethane	3.25	101	203379	46.84	ug/l	100
8) Diethyl Ether	3.68	74	52344	46.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	142700	49.40	ug/l	100
10) Methyl Iodide	4.26	142	155515	50.99	ug/l	100
11) Tert butyl alcohol	5.19	59	61367m	246.81	ug/l	
12) 1,1-Dichloroethene	4.02	96	122017	48.35	ug/l	100
13) Acrolein	3.89	56	97203	244.37	ug/l	100
14) Allyl chloride	4.67	41	181972	48.27	ug/l	100
15) Acrylonitrile	5.37	53	181656	236.80	ug/l	100
16) Acetone	4.13	43	197192	243.30	ug/l	100
17) Carbon Disulfide	4.36	76	381547	48.68	ug/l	100
18) Methyl Acetate	4.68	43	90506	47.71	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	327003	50.07	ug/l	100
20) Methylene Chloride	4.90	84	132780	49.51	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	137813	48.90	ug/l	100
22) Diisopropyl ether	6.32	45	364946	50.53	ug/l	100
23) Vinyl Acetate	6.26	43	1119147	258.61	ug/l	100
24) 1,1-Dichloroethane	6.21	63	230896	48.99	ug/l	100
25) 2-Butanone	7.18	43	260654	245.01	ug/l	100
26) 2,2-Dichloropropane	7.17	77	221126	47.43	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	147987	49.23	ug/l	100
28) Bromochloromethane	7.51	49	93263	48.68	ug/l	100
29) Tetrahydrofuran	7.53	42	147283	242.42	ug/l	100
30) Chloroform	7.68	83	248652	48.68	ug/l	100
31) Cyclohexane	7.95	56	213736	46.73	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	236244	48.89	ug/l	100
36) 1,1-Dichloropropene	8.08	75	195344	49.42	ug/l	100
37) Ethyl Acetate	7.26	43	95774	45.83	ug/l	100
38) Carbon Tetrachloride	8.07	117	218791	49.56	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	239947	51.41	ug/l	100
40) Benzene	8.32	78	533913	48.78	ug/l	100
41) Methacrylonitrile	7.49	41	59130	51.01	ug/l	100
42) 1,2-Dichloroethane	8.40	62	167279	48.61	ug/l	100
43) Isopropyl Acetate	8.43	43	176698	49.15	ug/l	100
44) Trichloroethene	9.09	130	158666	48.28	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130570	49.54	ug/l	100
46) Dibromomethane	9.46	93	81129	49.23	ug/l	100
47) Bromodichloromethane	9.65	83	186183	49.93	ug/l	100
48) Methyl methacrylate	9.45	41	87853	51.12	ug/l	100
49) 1,4-Dioxane	9.46	88	29468	1003.41	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	492655	250.79	ug/l	100
52) Toluene	10.40	92	348630	49.61	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	193078	51.32	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	214147	50.98	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	115557	49.18	ug/l	100
56) Ethyl methacrylate	10.66	69	143663	52.16	ug/l	100
57) 1,3-Dichloropropane	10.94	76	189158	49.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	461443	251.86	ug/l	100
59) 2-Hexanone	10.98	43	386500	260.06	ug/l	100
60) Dibromochloromethane	11.13	129	143295	50.05	ug/l	100
61) 1,2-Dibromoethane	11.24	107	116380	49.12	ug/l	100
64) Tetrachloroethene	10.87	164	157467	48.29	ug/l	100
65) Chlorobenzene	11.66	112	397819	48.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	149254	49.97	ug/l	100
67) Ethyl Benzene	11.74	91	687455	50.35	ug/l	100
68) m/p-Xylenes	11.85	106	534231	100.42	ug/l	100
69) o-Xylene	12.18	106	249454	50.85	ug/l	100
70) Styrene	12.20	104	415363	51.52	ug/l	100
71) Bromoform	12.36	173	95607	49.54	ug/l	100
73) Isopropylbenzene	12.48	105	708881	50.48	ug/l	100
74) N-amyl acetate	12.29	43	162150	50.56	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	139495	48.56	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	101380m	37.11	ug/l	
77) Bromobenzene	12.76	156	179235	49.16	ug/l	100
78) n-propylbenzene	12.82	91	846211	50.33	ug/l	100
79) 2-Chlorotoluene	12.91	91	476920	49.56	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	603142	50.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45106	52.19	ug/l	100
82) 4-Chlorotoluene	13.01	91	501224	48.86	ug/l	100
83) tert-Butylbenzene	13.22	119	541497	51.02	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	618972	50.65	ug/l	100
85) sec-Butylbenzene	13.40	105	761441	50.73	ug/l	100
86) p-Isopropyltoluene	13.52	119	683642	51.22	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	351577	48.84	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	348180	48.14	ug/l	100
89) n-Butylbenzene	13.84	91	639881	51.46	ug/l	100
90) Hexachloroethane	14.11	117	125078	50.26	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	320865	48.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27595	47.62	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	246873	50.92	ug/l	100
94) Hexachlorobutadiene	15.26	225	151080	50.39	ug/l	100
95) Naphthalene	15.39	128	502203	52.50	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	225334	50.40	ug/l	100

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

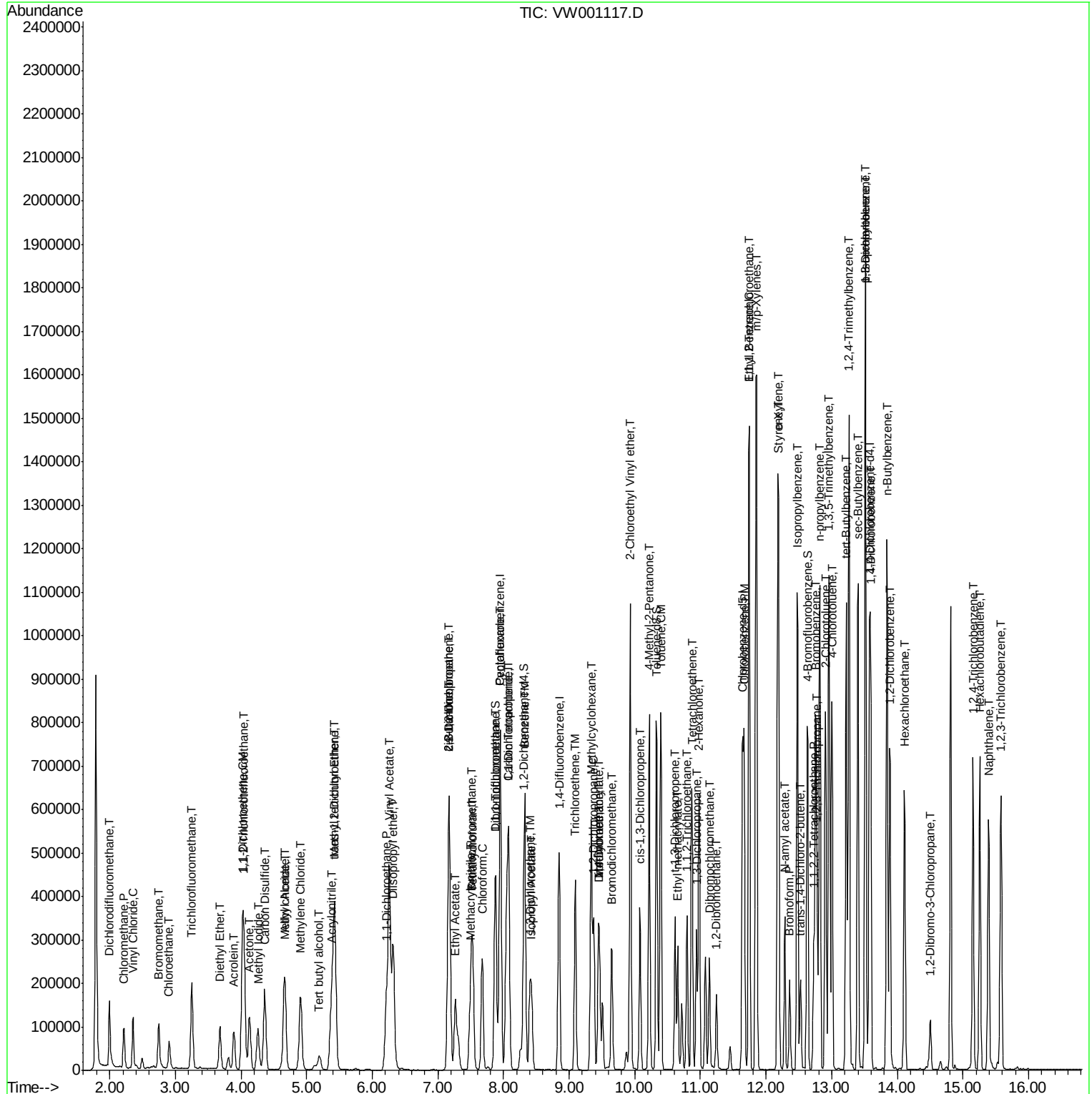
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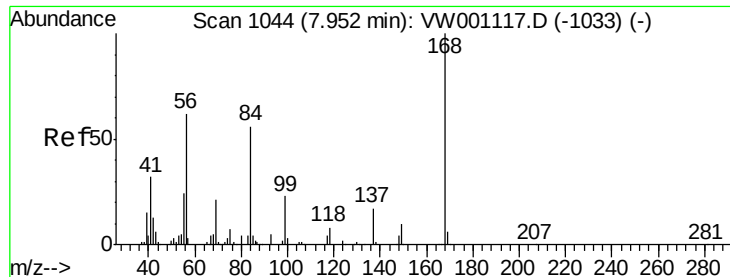
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 317071

Ion Ratio Lower Upper

168 100

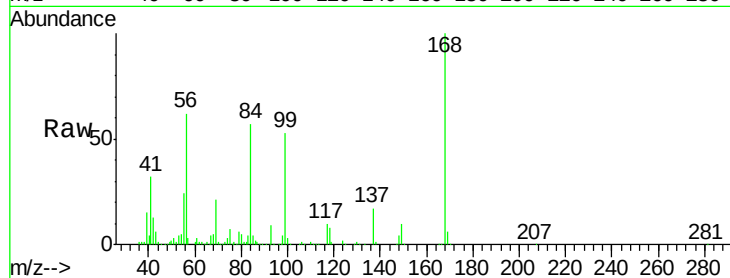
99 53.0 42.4 63.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

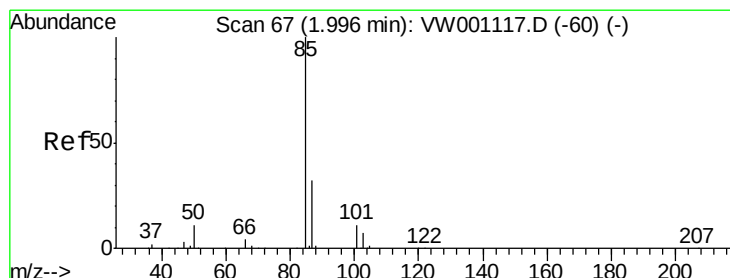
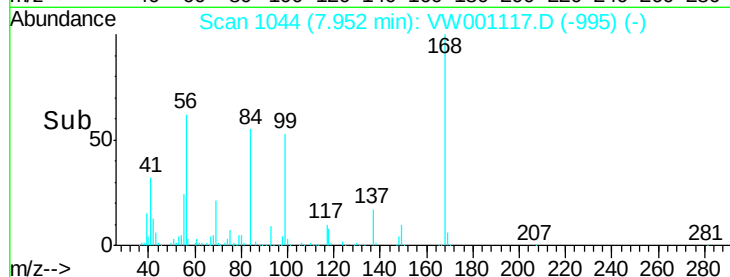
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 48.18 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW001117.D

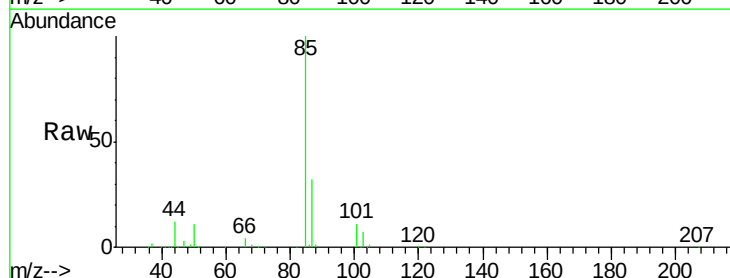
Acq: 29 Jan 2018 13:19

Tgt Ion: 85 Resp: 129457

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

40000

20000

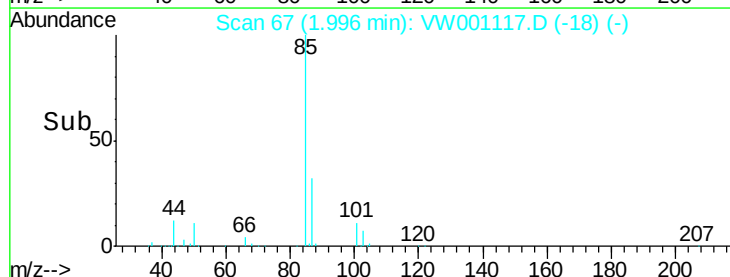
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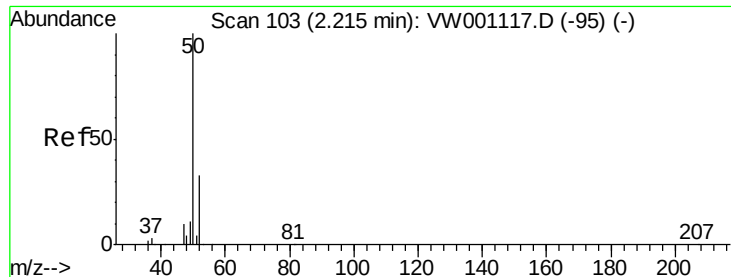
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 46.12 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 108252

Ion Ratio Lower Upper

50 100

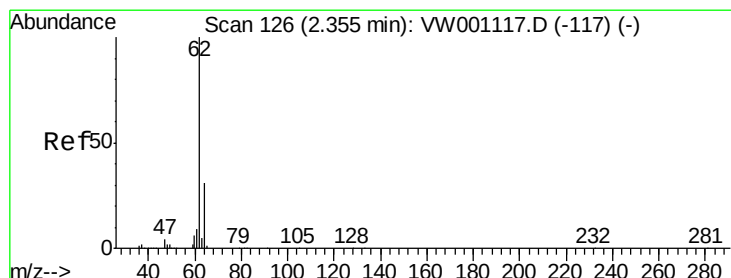
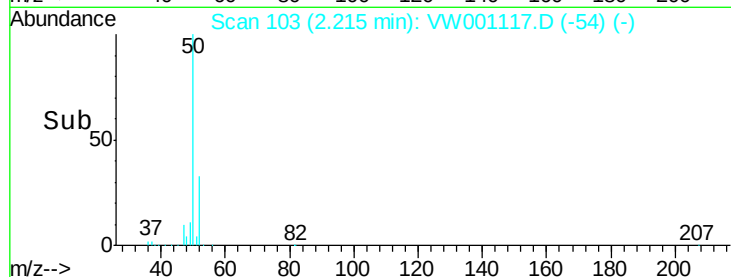
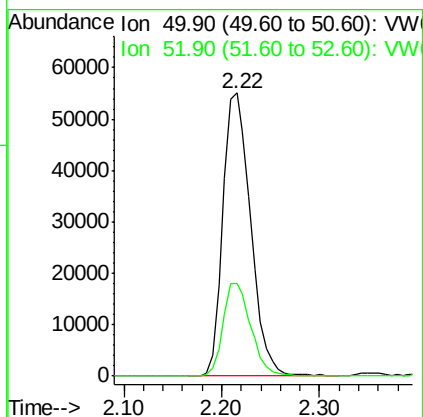
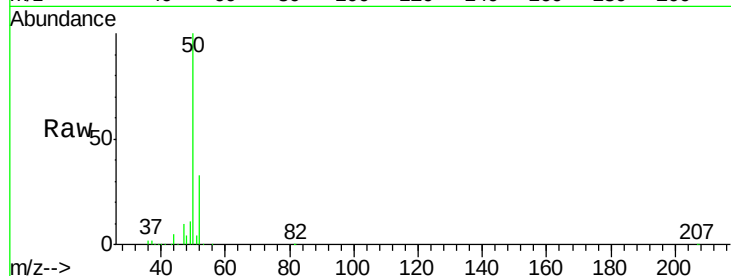
52 32.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.11 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW001117.D

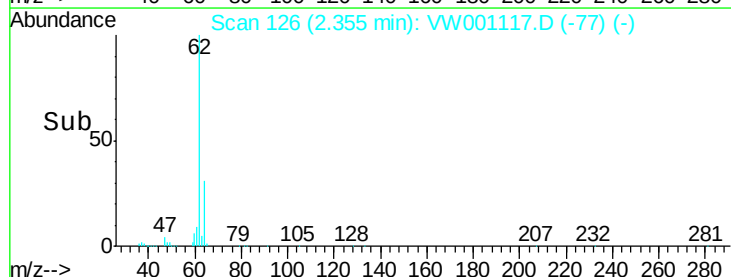
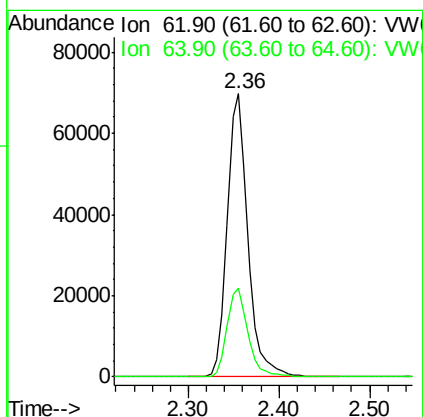
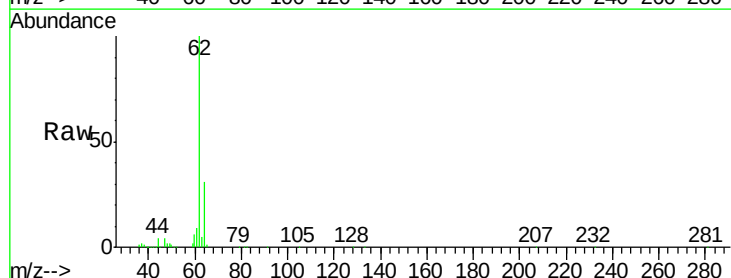
Acq: 29 Jan 2018 13:19

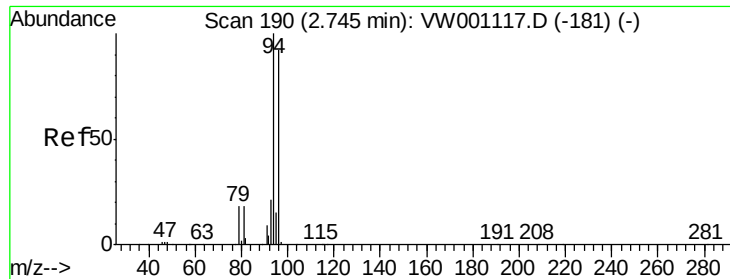
Tgt Ion: 62 Resp: 110095

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 55.82 ug/l

RT: 2.75 min Scan# 190

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 76902

Ion Ratio Lower Upper

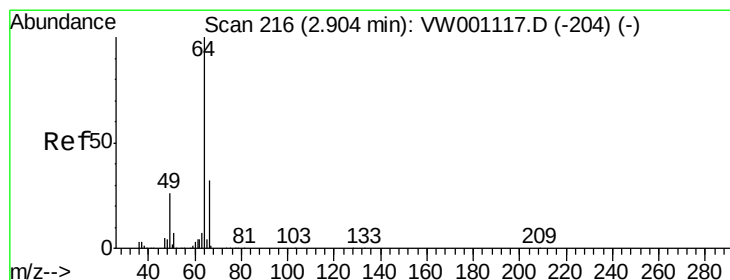
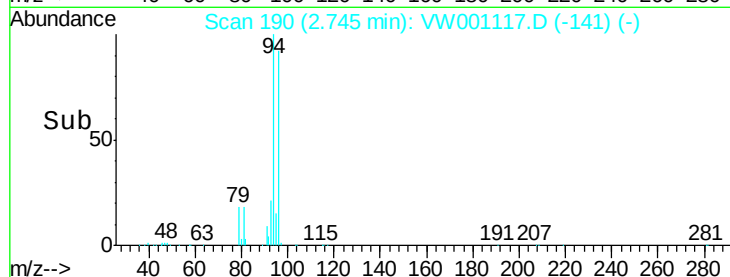
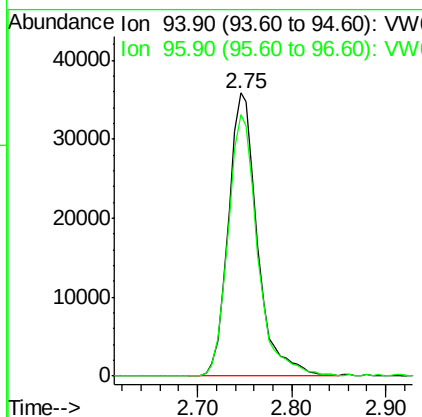
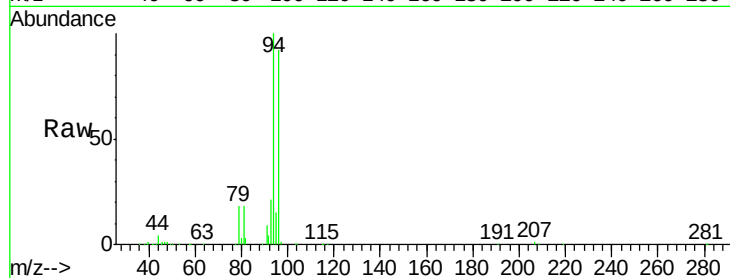
94 100

96 92.1 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 46.52 ug/l

RT: 2.90 min Scan# 216

Delta R.T. 0.00 min

Lab File: VW001117.D

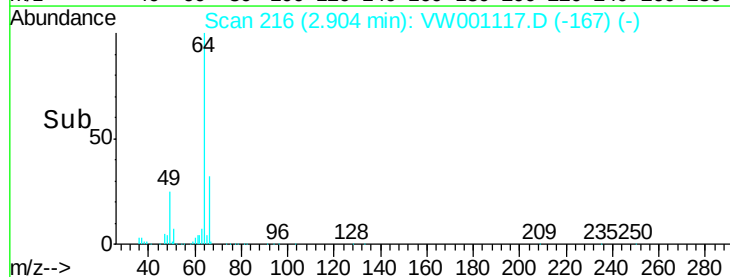
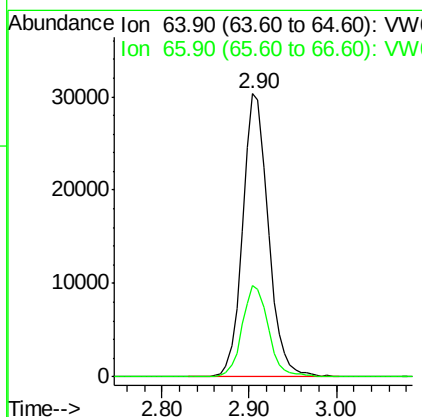
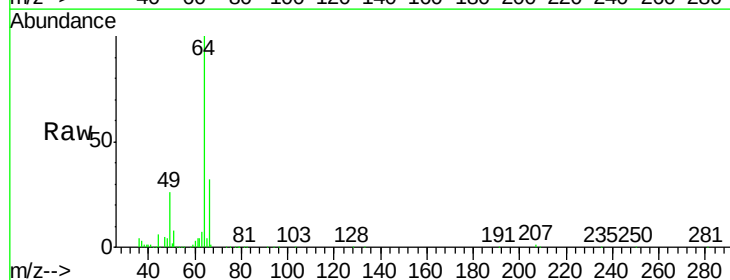
Acq: 29 Jan 2018 13:19

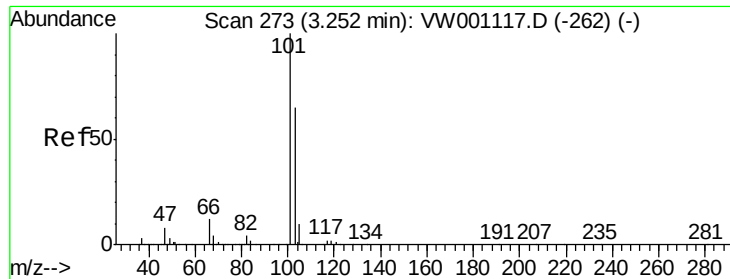
Tgt Ion: 64 Resp: 61687

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8





#7

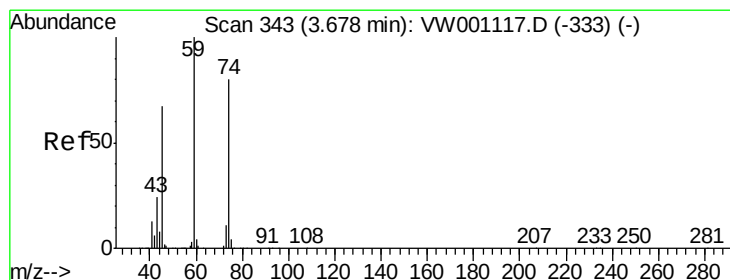
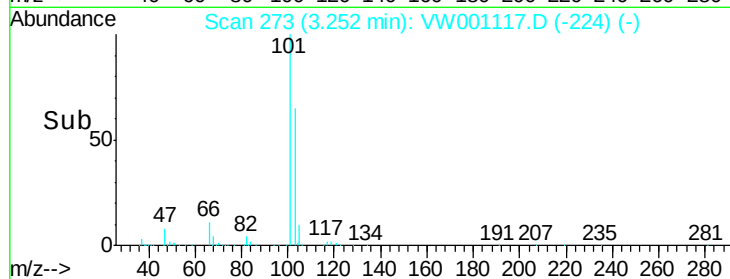
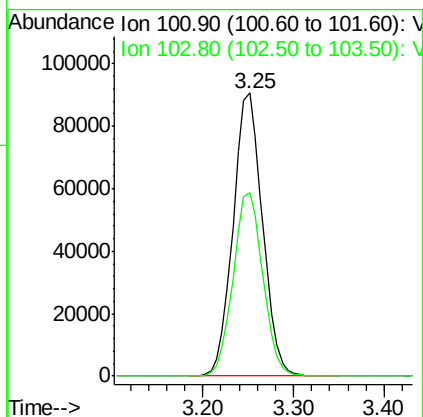
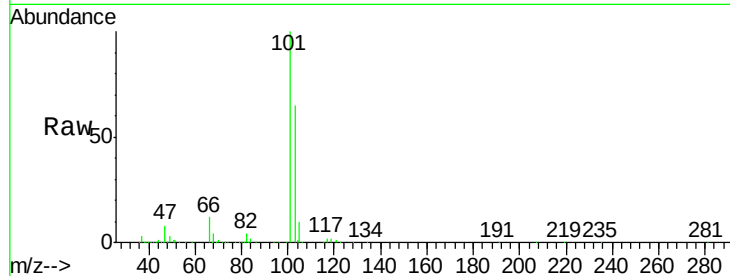
Trichlorofluoromethane
Concen: 46.84 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.9	77.9

Manual Integrations
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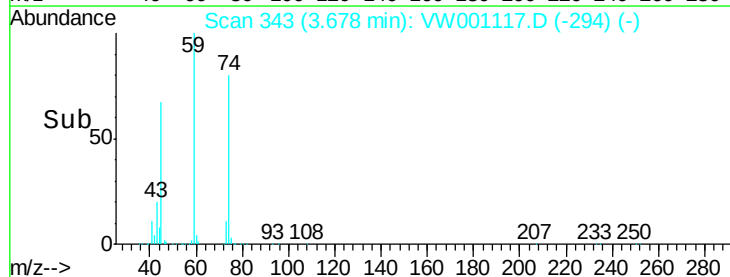
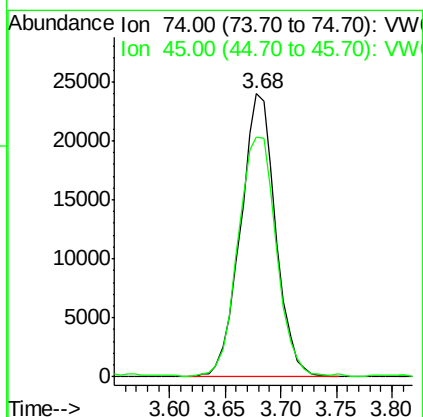
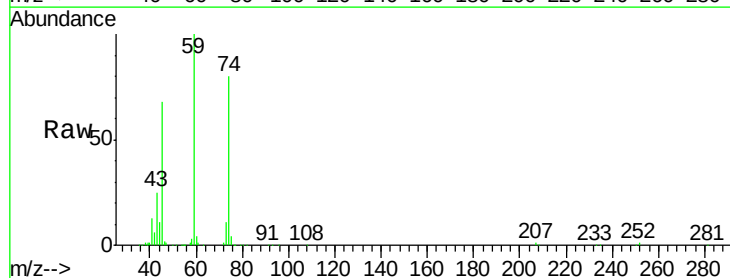
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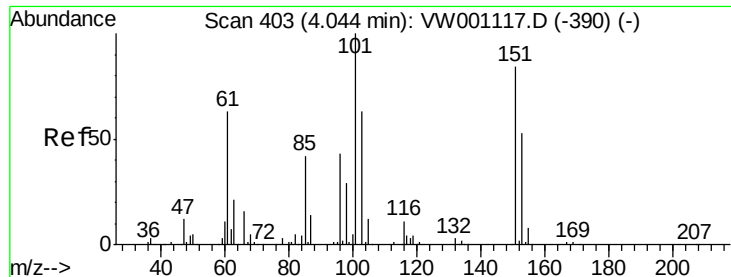


#8

Diethyl Ether
Concen: 46.32 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.4	46.7	140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.40 ug/l

RT: 4.04 min Scan# 403

Delta R.T. 0.00 min

Lab File: VW001117.D

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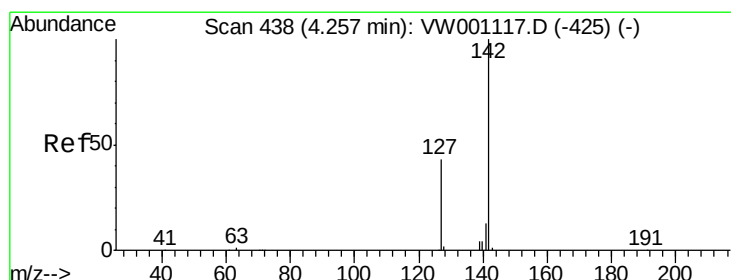
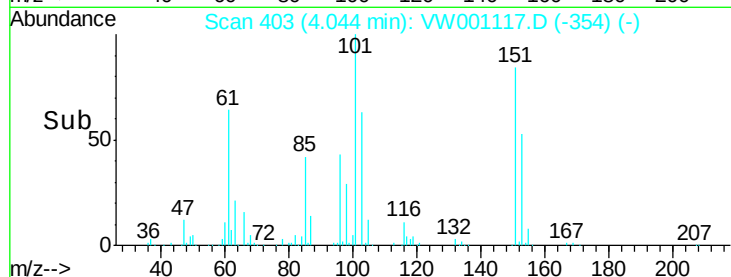
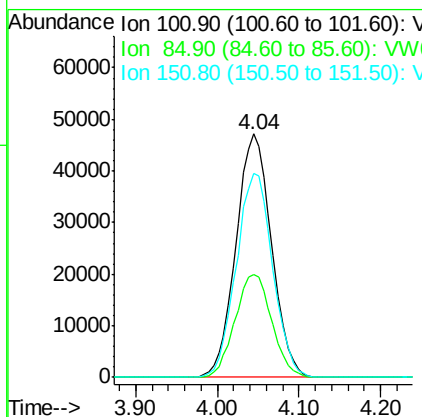
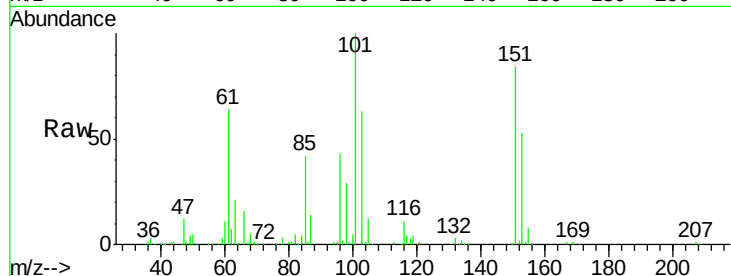
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	142700
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	85.8	68.6	103.0

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#10

Methyl Iodide

Concen: 50.99 ug/l

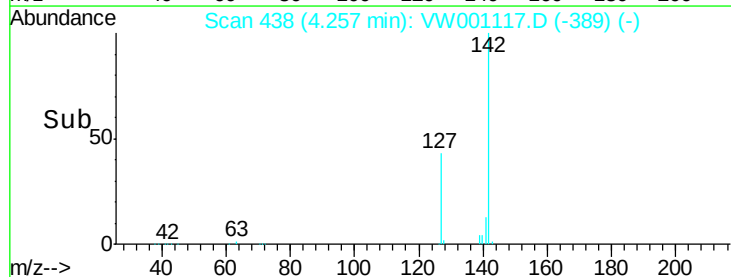
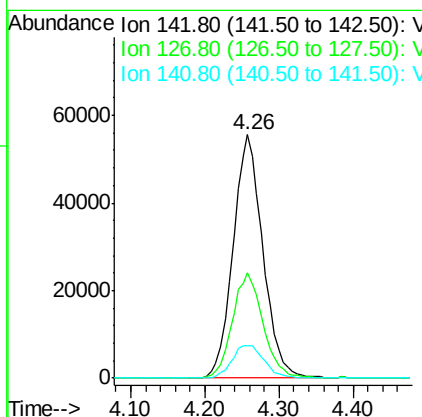
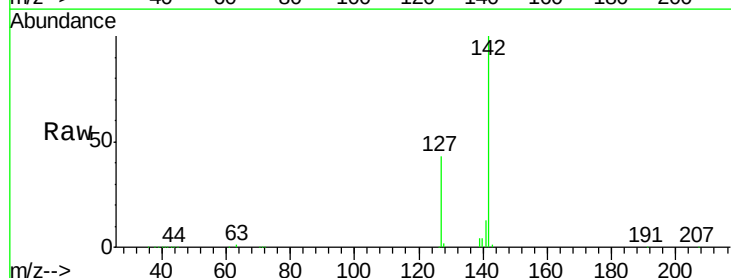
RT: 4.26 min Scan# 438

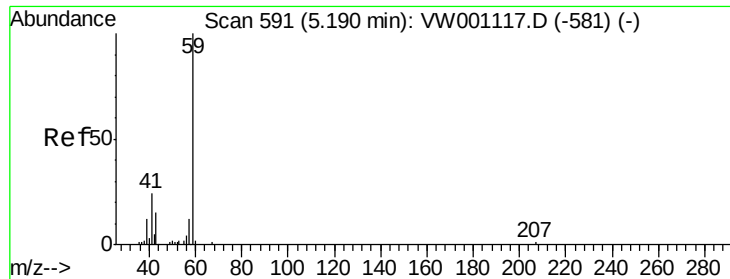
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	142	Resp:	155515
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.4	53.2
141	14.5	11.6	17.4





#11

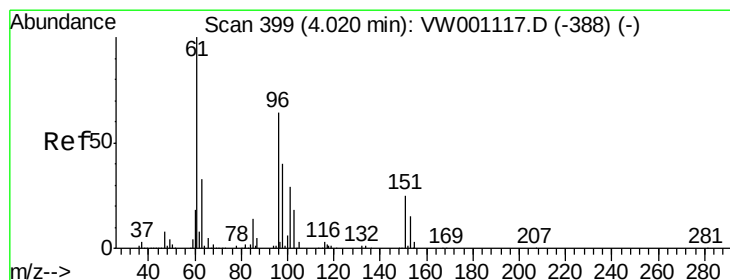
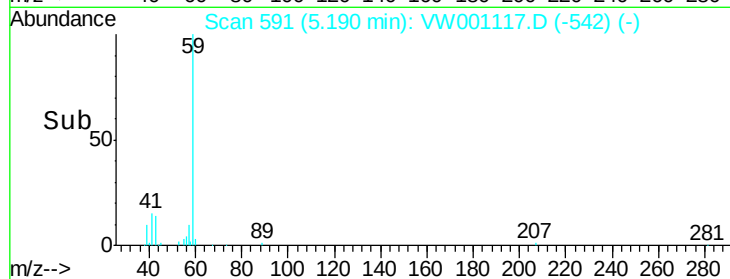
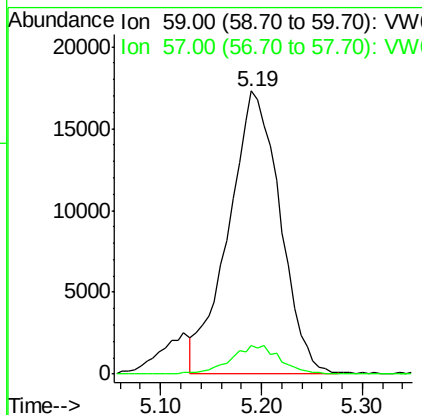
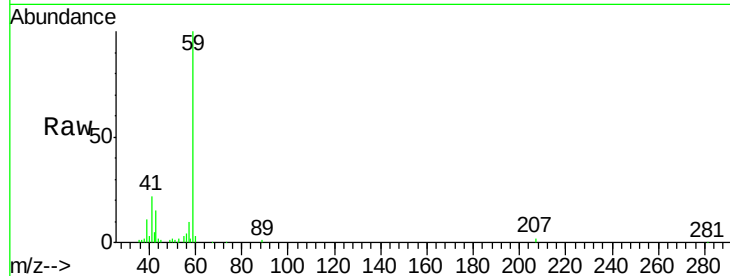
Tert butyl alcohol
 Concen: 246.81 ug/l m
 RT: 5.19 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.8

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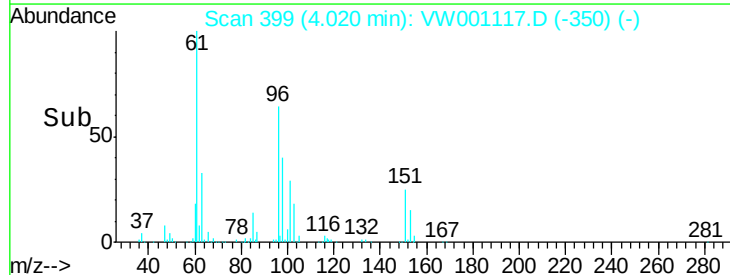
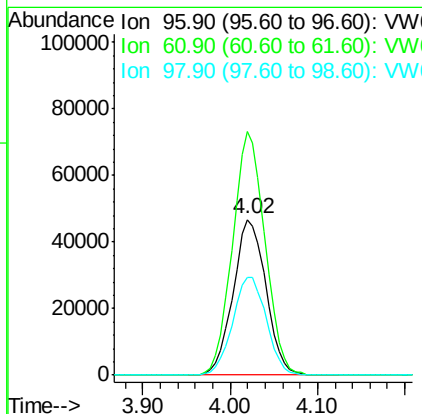
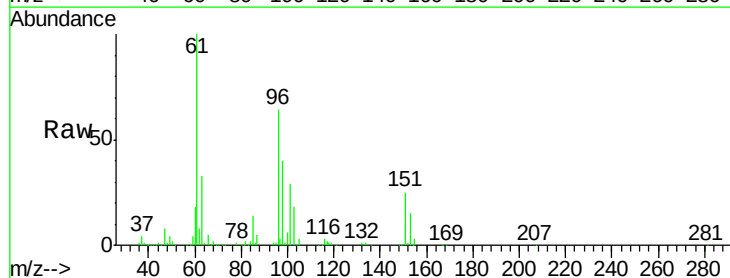
MMDadoda
 1/30/2018 5:46:53 PM

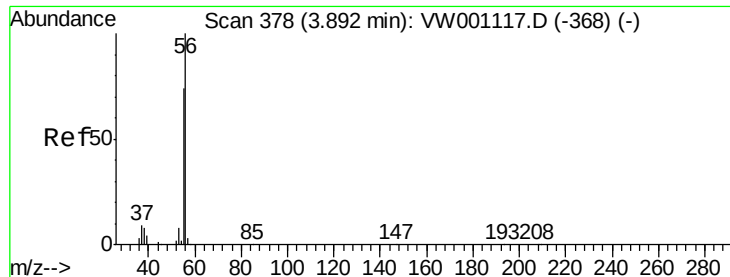


#12

1,1-Dichloroethene
 Concen: 48.35 ug/l
 RT: 4.02 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	125.2	187.8
98	62.9	50.3	75.5





#13

Acrolein

Concen: 244.37 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 97203

Ion Ratio Lower Upper

56 100

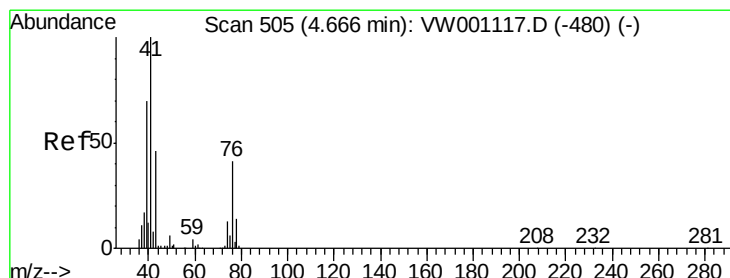
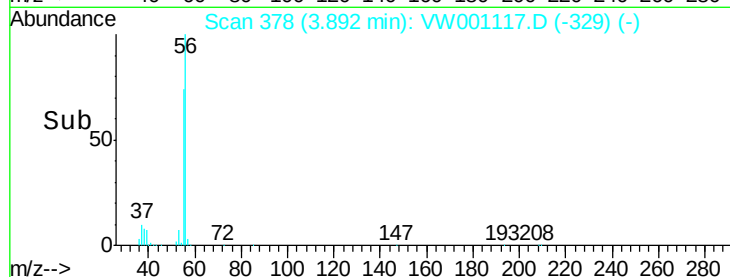
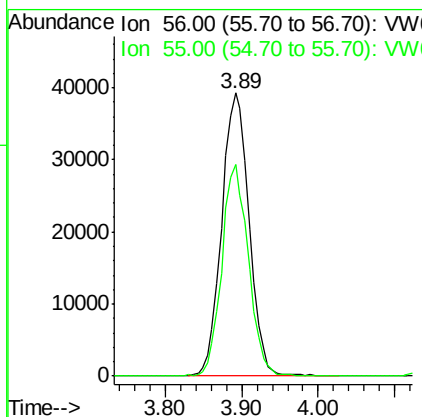
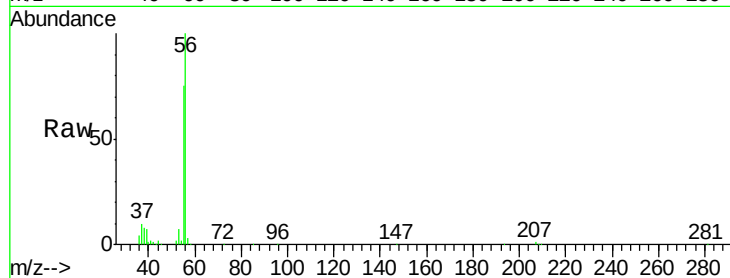
55 72.8 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.27 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

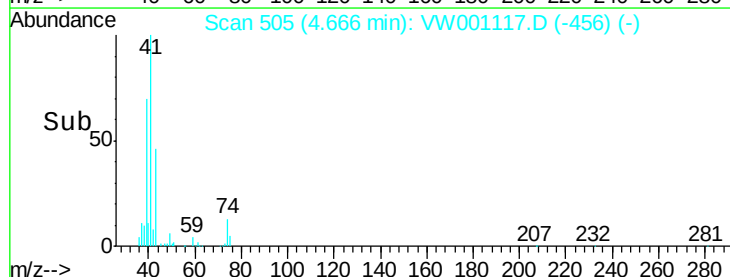
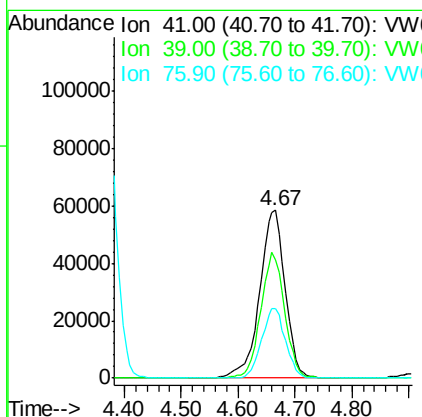
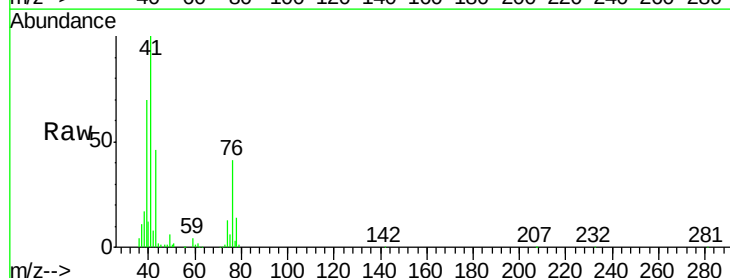
Tgt Ion: 41 Resp: 181972

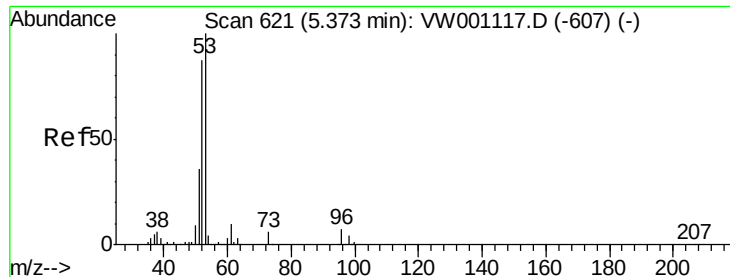
Ion Ratio Lower Upper

41 100

39 69.9 55.9 83.9

76 38.8 31.0 46.6





#15

Acrylonitrile

Concen: 236.80 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

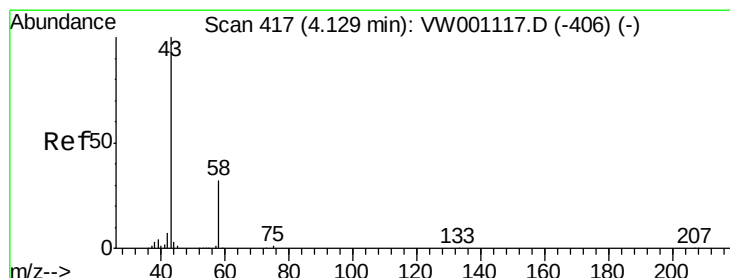
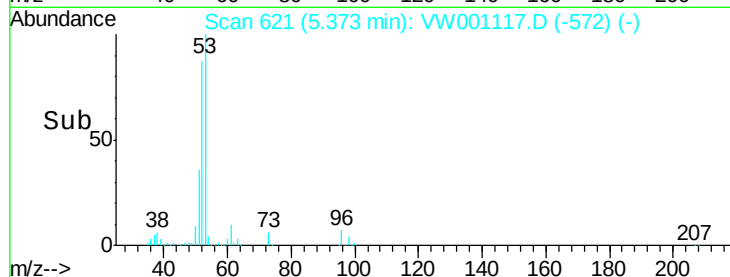
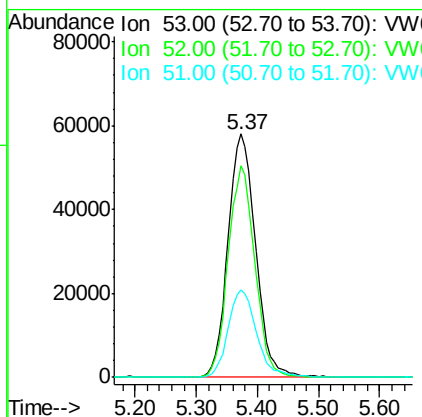
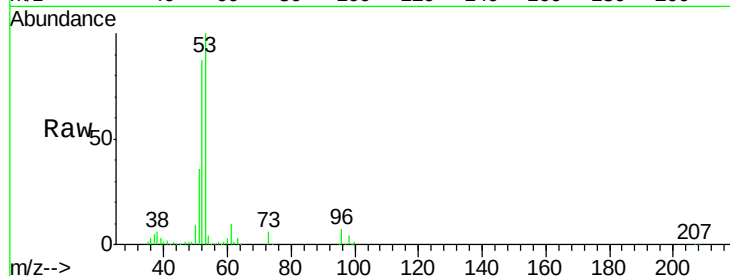
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	181656
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.9	100.3
51	36.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 243.30 ug/l

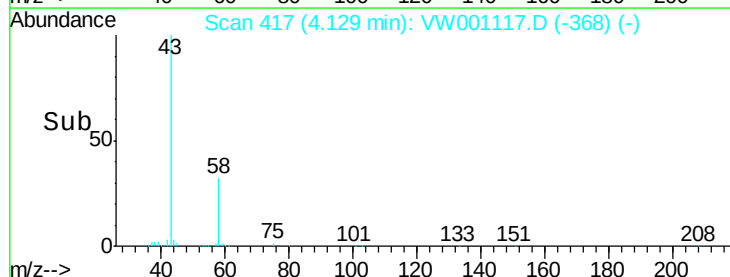
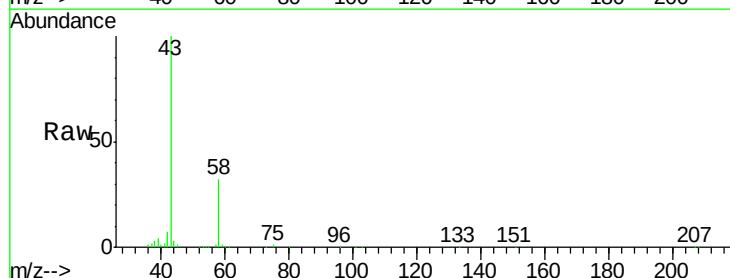
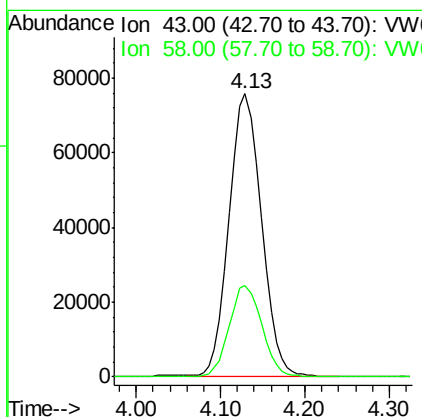
RT: 4.13 min Scan# 417

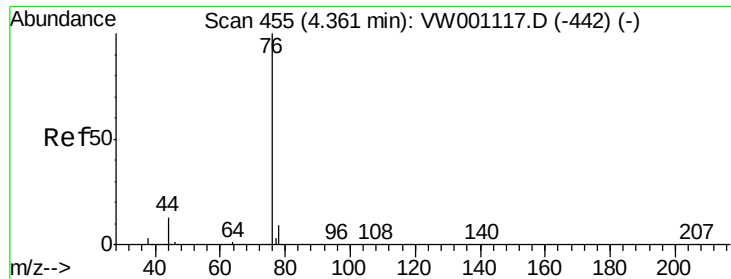
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	43	Resp:	197192
Ion Ratio		Lower	Upper
43	100		
58	32.1	25.7	38.5





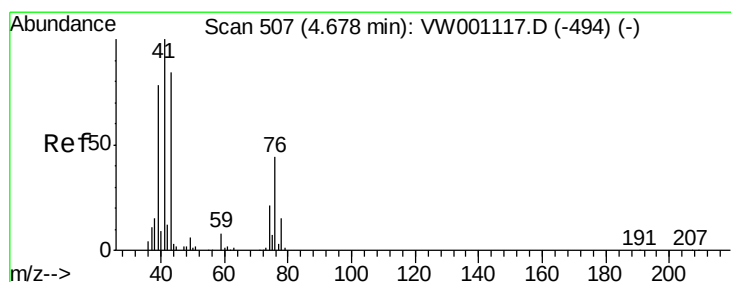
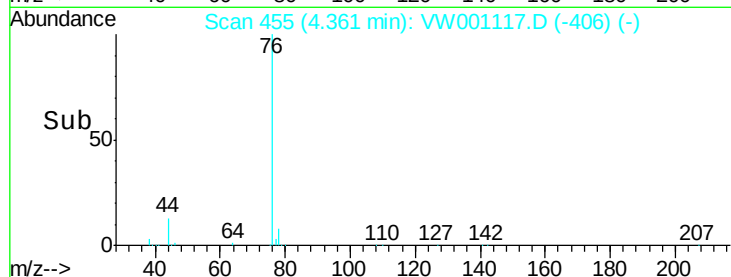
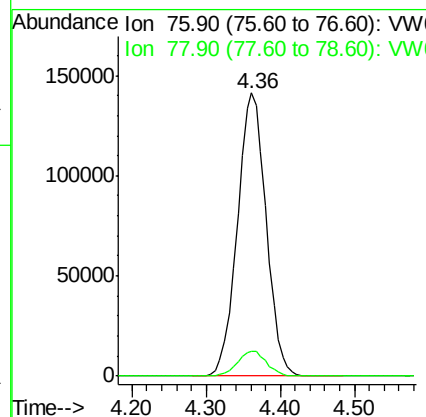
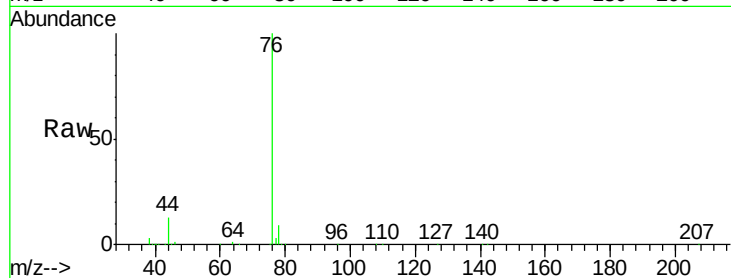
#17
Carbon Disulfide
Concen: 48.68 ug/l
RT: 4.36 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

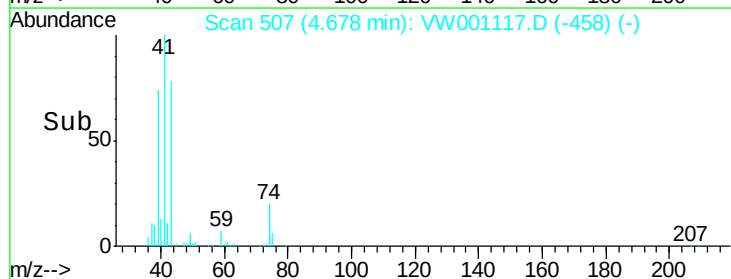
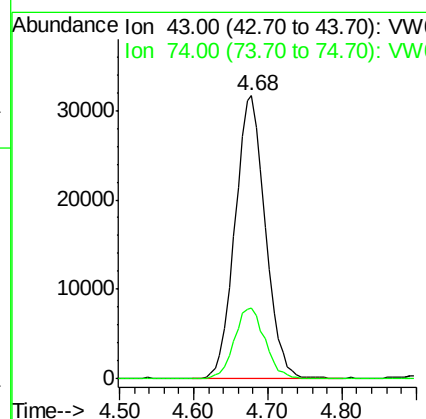
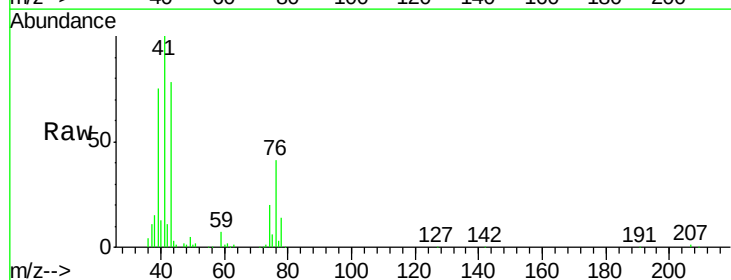
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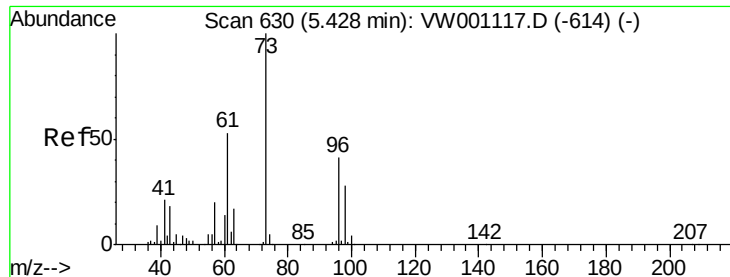
MMDadoda
1/30/2018 5:46:53 PM



#18
Methyl Acetate
Concen: 47.71 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	20.2	30.2





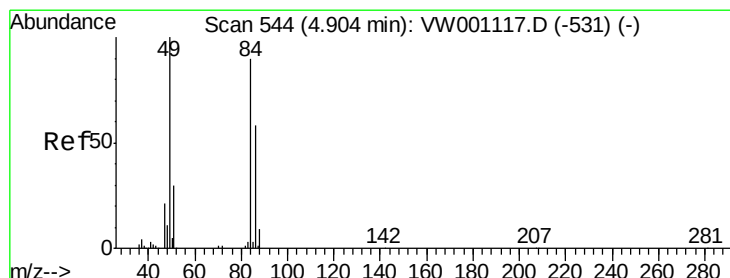
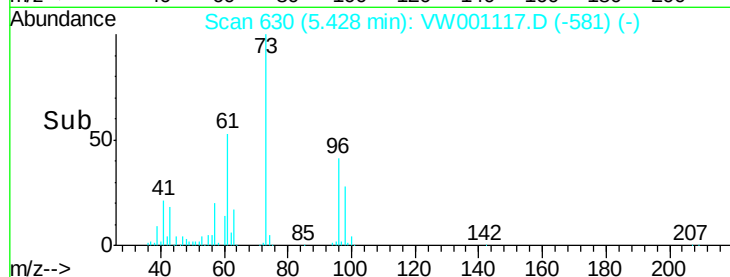
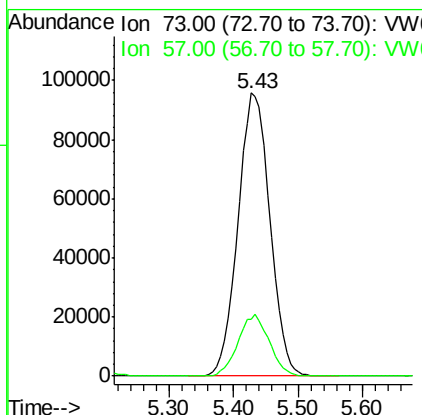
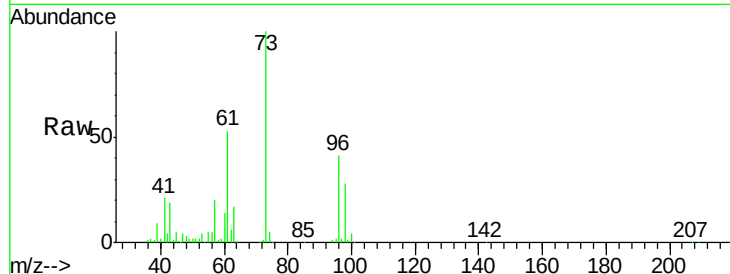
#19
Methyl tert-butyl Ether
Concen: 50.07 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 73 Resp: 327003
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1

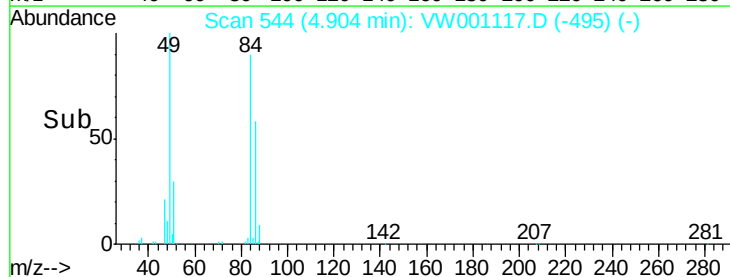
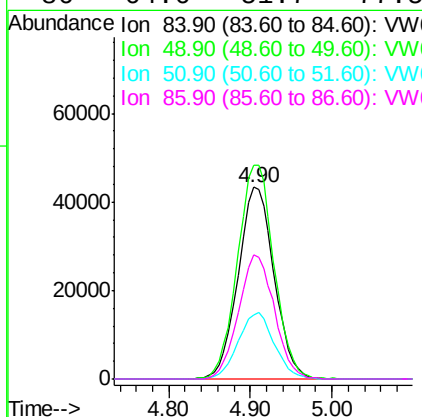
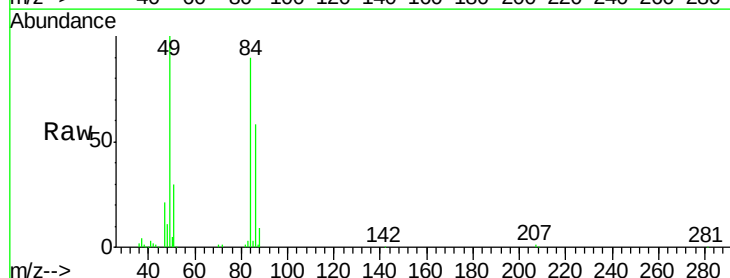
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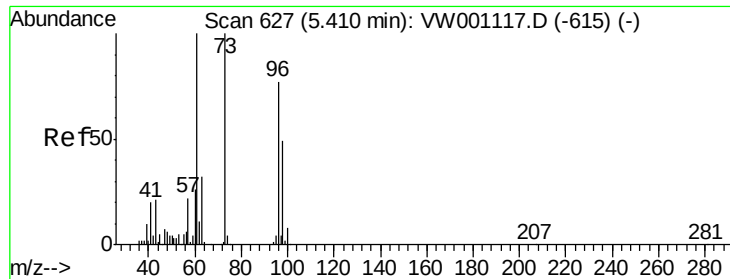
MM Dadoda
1/30/2018 5:46:53 PM



#20
Methylene Chloride
Concen: 49.51 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion: 84 Resp: 132780
Ion Ratio Lower Upper
84 100
49 111.5 89.2 133.8
51 33.4 26.7 40.1
86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.90 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

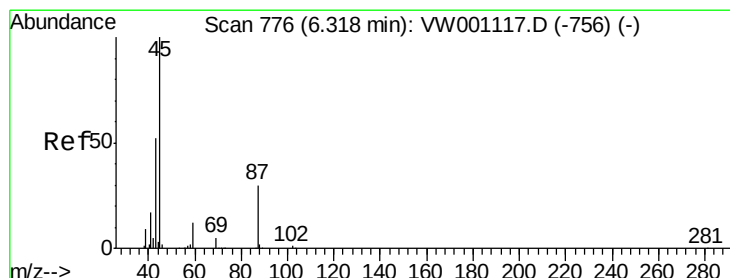
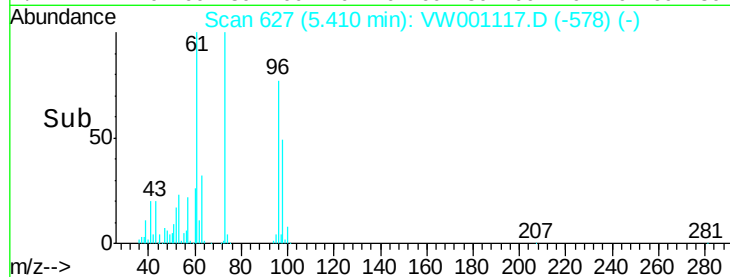
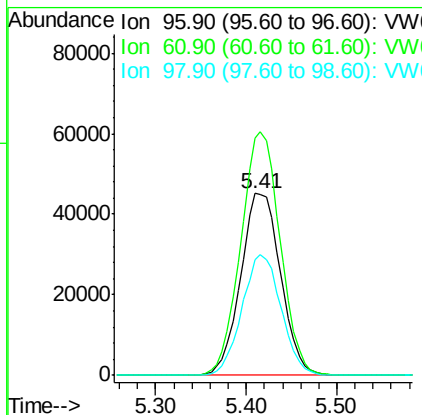
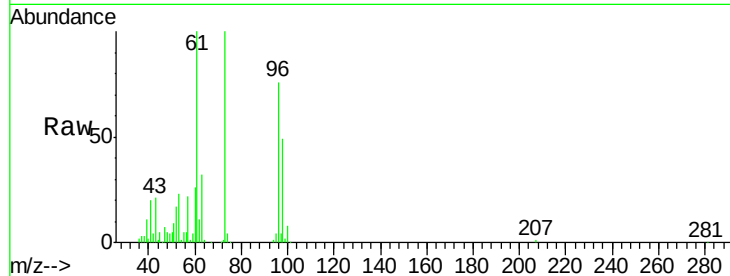
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	137813
Ion	Ratio	Lower	Upper
96	100		
61	130.7	104.6	156.8
98	63.5	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.53 ug/l

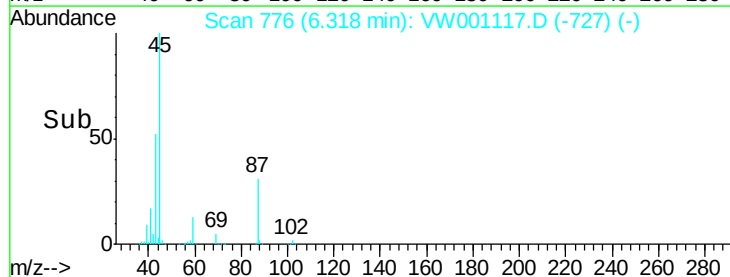
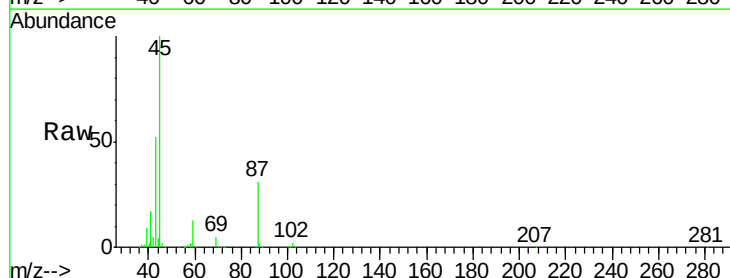
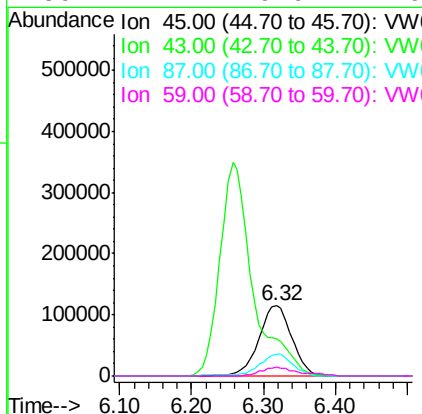
RT: 6.32 min Scan# 776

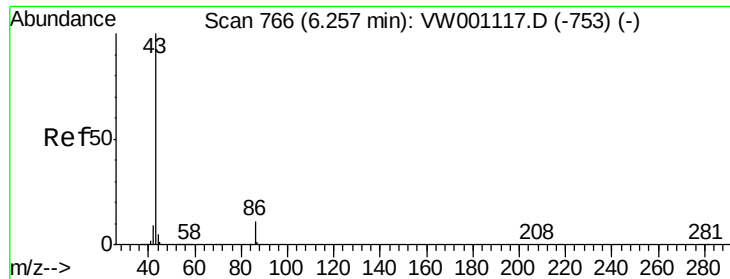
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	45	Resp:	364946
Ion	Ratio	Lower	Upper
45	100		
43	52.0	41.6	62.4
87	30.6	24.5	36.7
59	12.4	9.9	14.9





#23

Vinyl Acetate

Concen: 258.61 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1119147

Ion Ratio Lower Upper

43 100

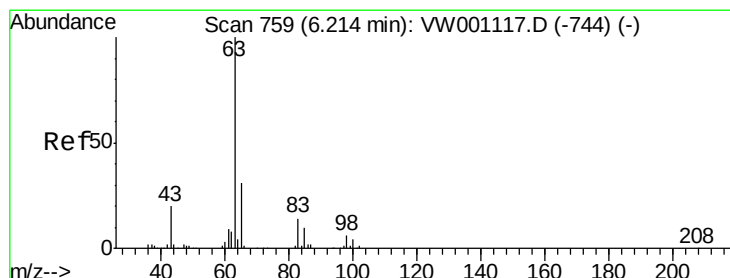
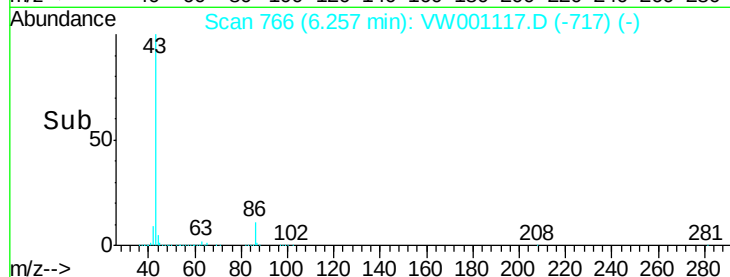
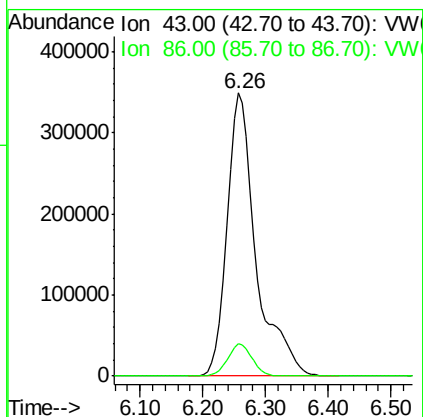
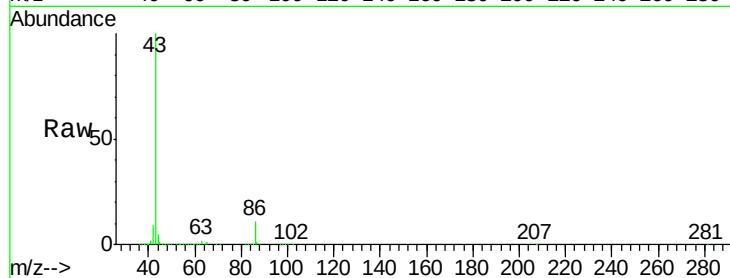
86 11.3 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.99 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

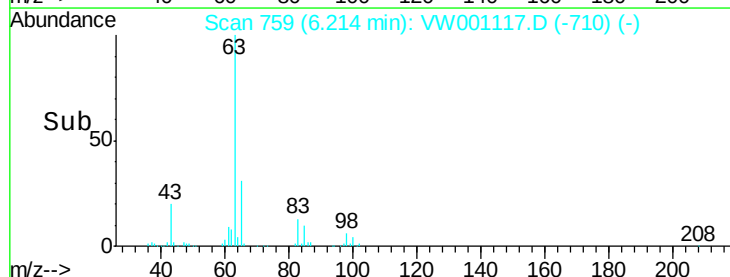
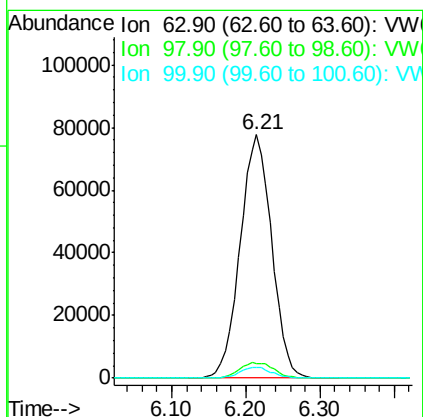
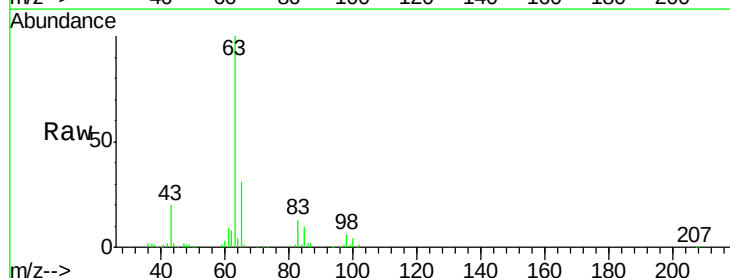
Tgt Ion: 63 Resp: 230896

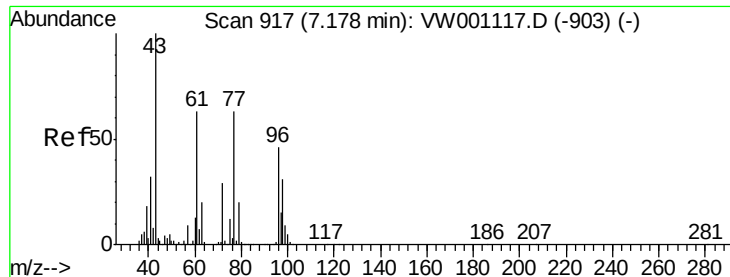
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 245.01 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 260654

Ion Ratio Lower Upper

43 100

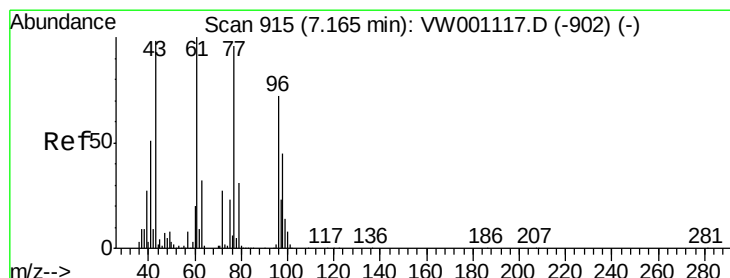
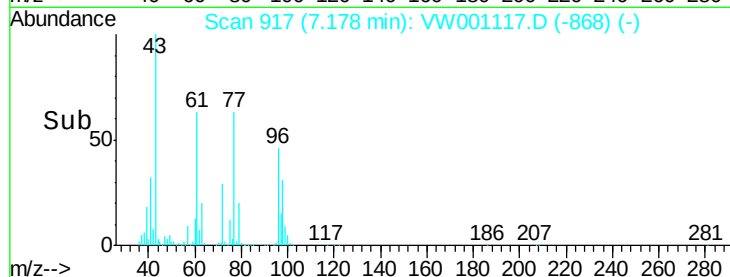
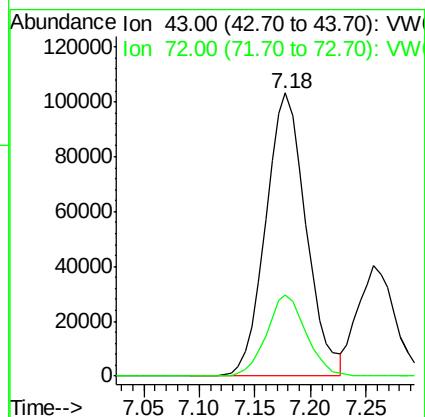
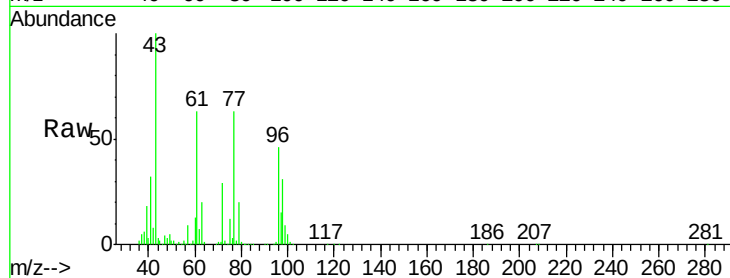
72 28.5 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.43 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001117.D

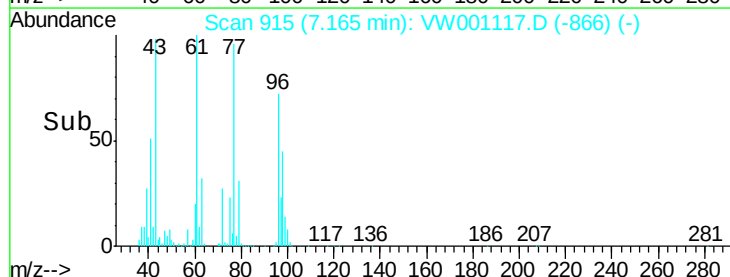
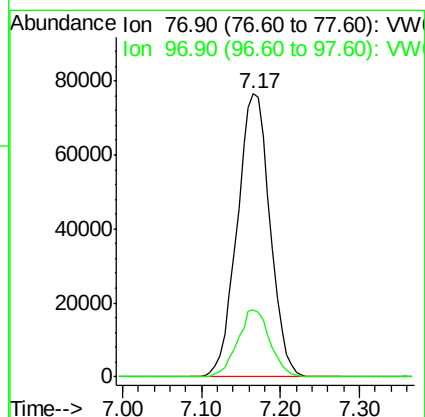
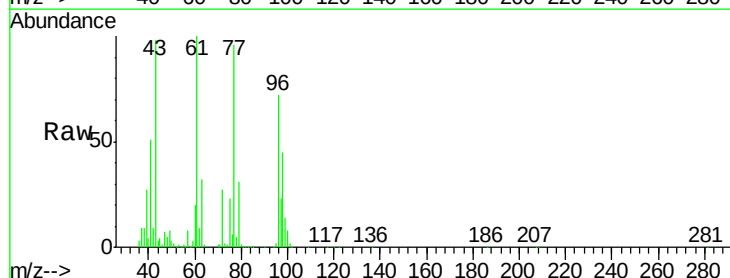
Acq: 29 Jan 2018 13:19

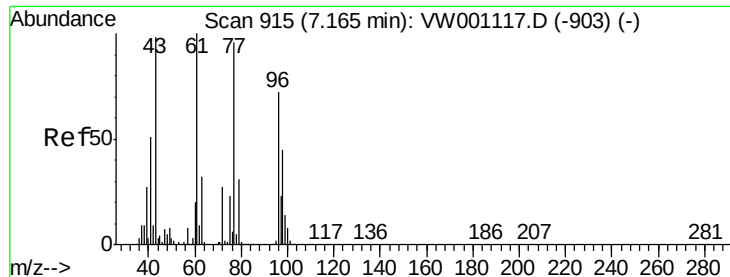
Tgt Ion: 77 Resp: 221126

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 49.23 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

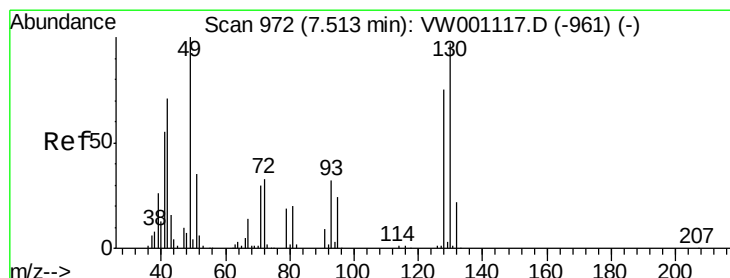
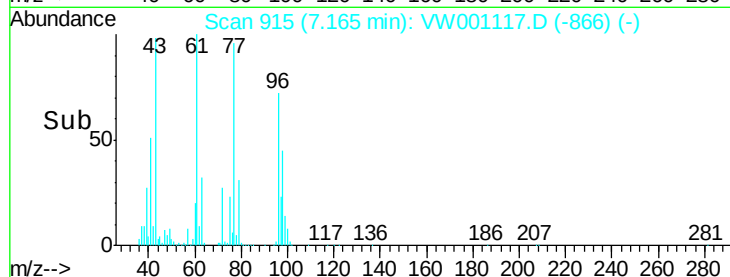
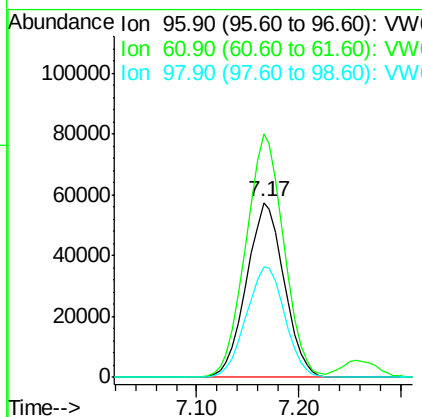
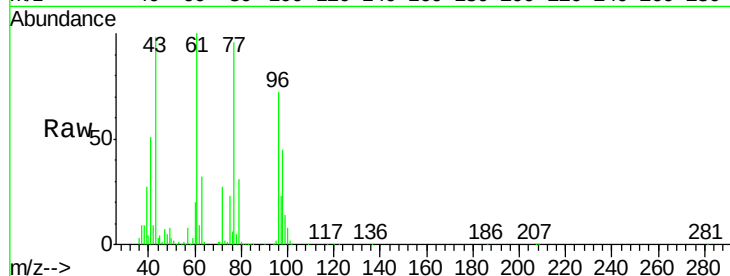
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	147987
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	280.4
98	64.8	0.0	129.6

Manual Integrations
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#28

Bromochloromethane

Concen: 48.68 ug/l

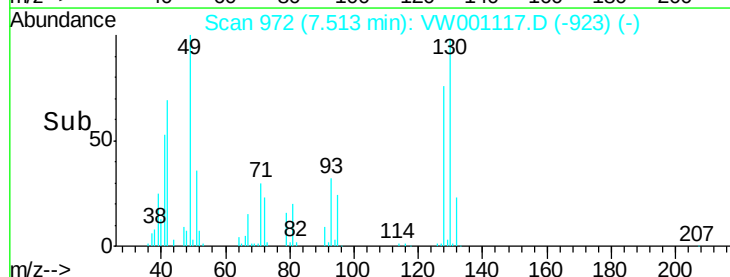
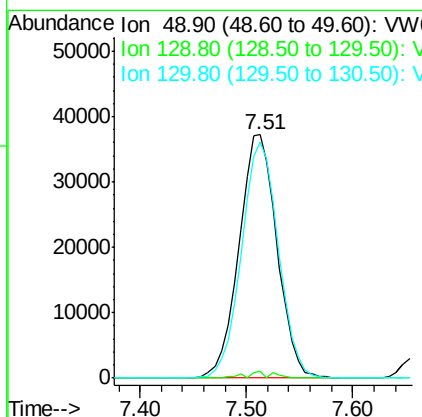
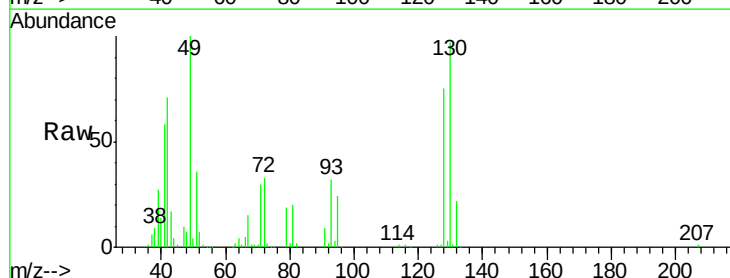
RT: 7.51 min Scan# 972

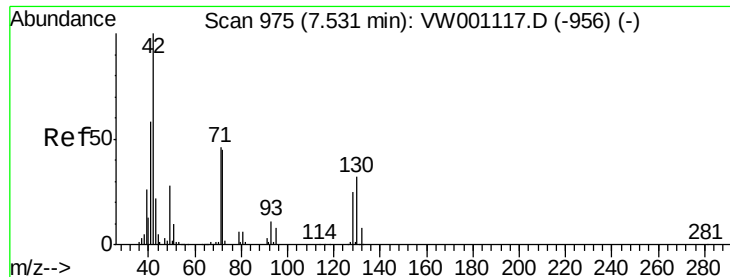
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	49	Resp:	93263
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.6
130	94.4	75.5	113.3





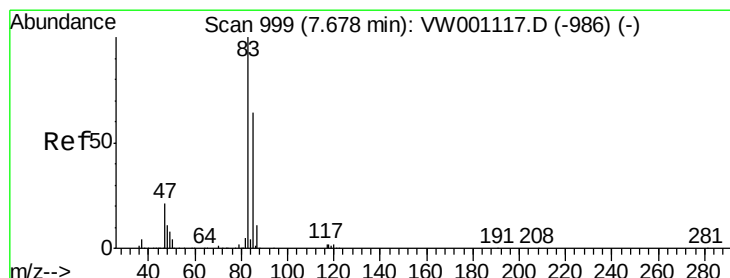
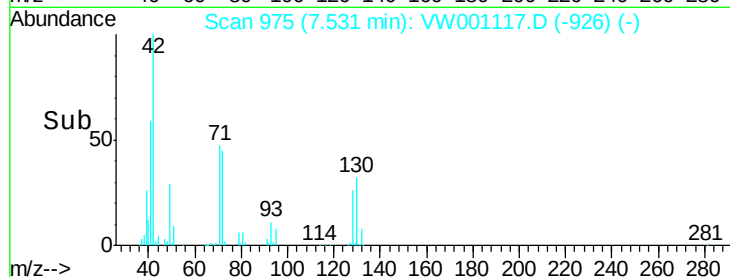
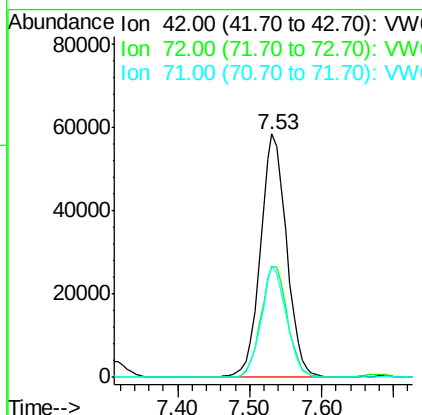
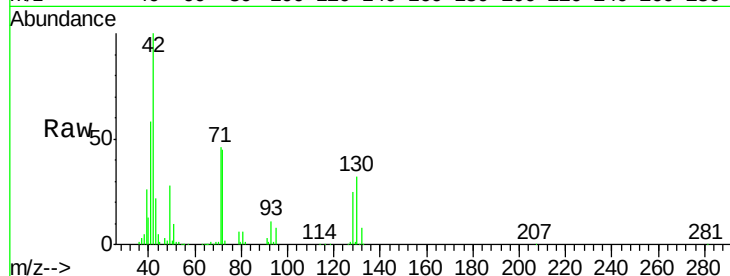
#29
Tetrahydrofuran
Concen: 242.42 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
72	46.0	36.8	55.2		
71	43.9	35.1	52.7		

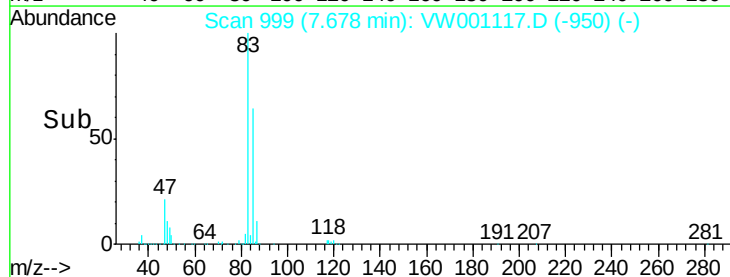
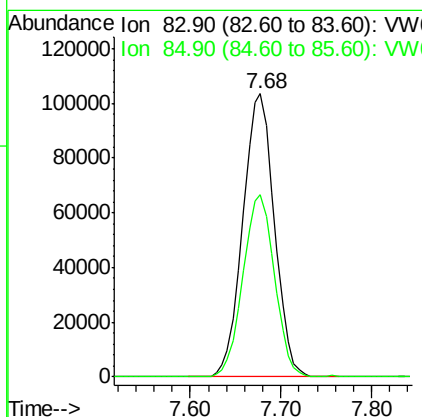
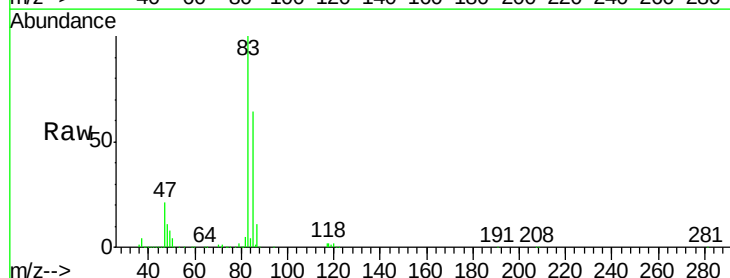
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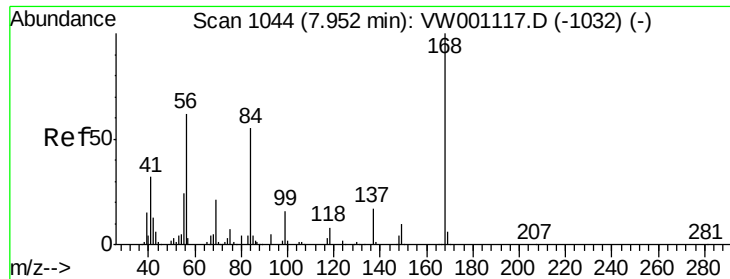
MM Dadoda
1/30/2018 5:46:53 PM



#30
Chloroform
Concen: 48.68 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
85	64.3	51.4	77.2		





#31

Cyclohexane

Concen: 46.73 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

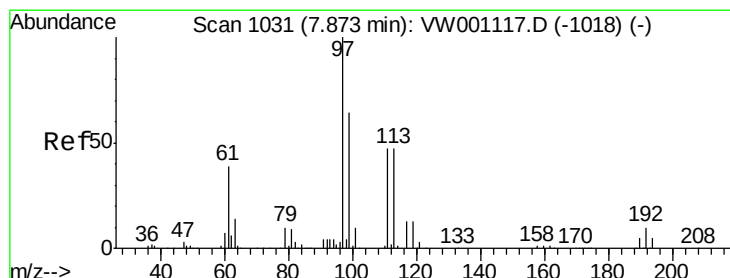
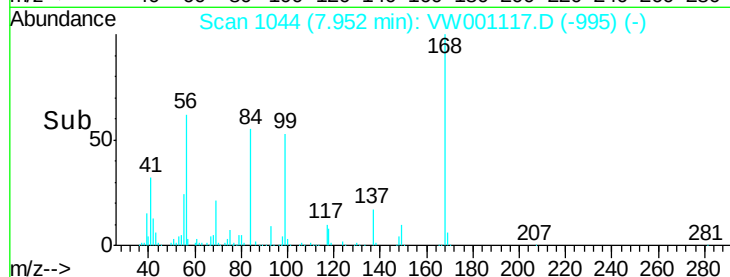
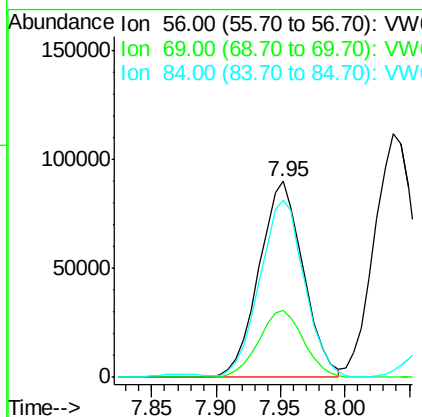
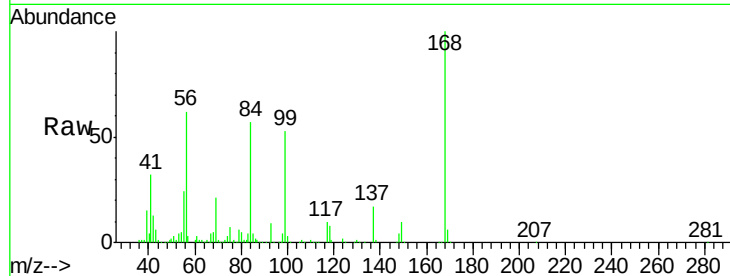
ClientSampled :

VSTDICCC050

Tot Ion	56	Resp	213736
Ion	Ratio	Lower	Upper
56	100		
69	34.2	27.4	41.0
84	88.9	71.1	106.7

Manual Integrations
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1/30/2018 5:46:53 PM



#32

1,1,1-Trichloroethane

Concen: 48.89 ug/l

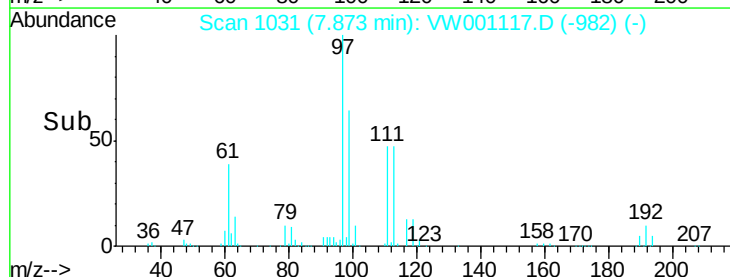
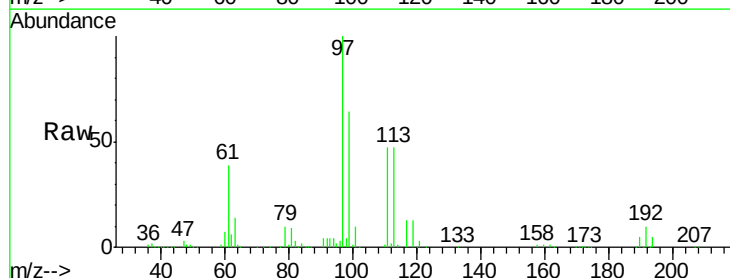
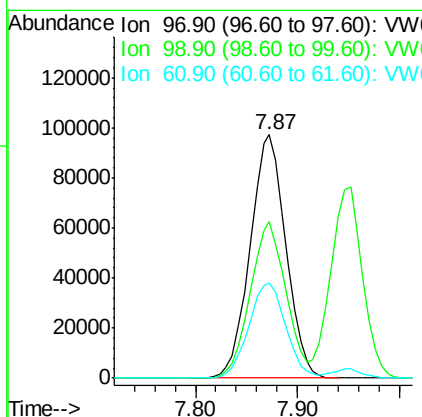
RT: 7.87 min Scan# 1031

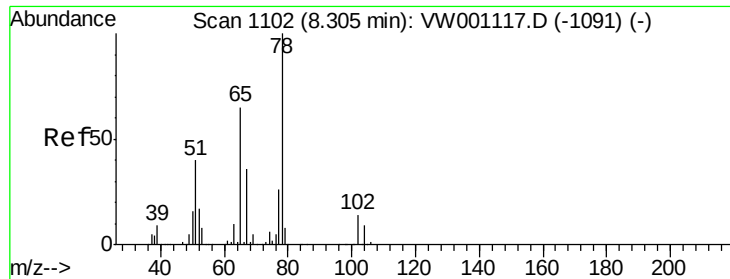
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion	97	Resp	236244
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	40.5	32.4	48.6





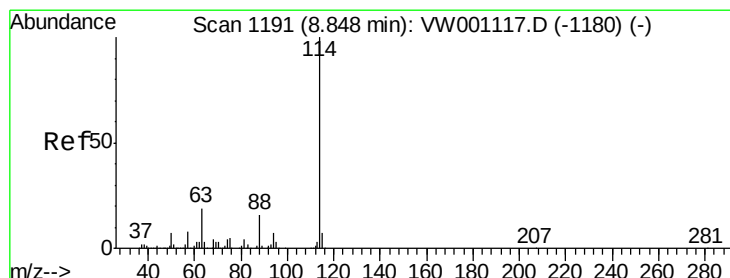
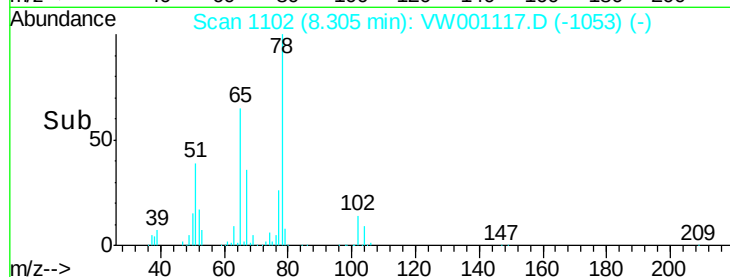
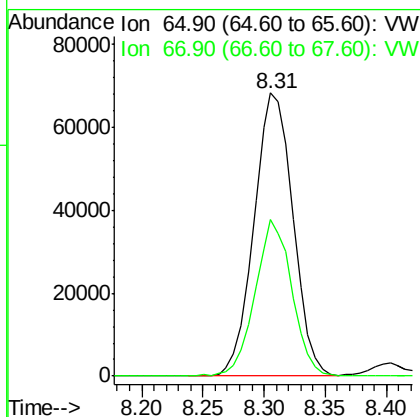
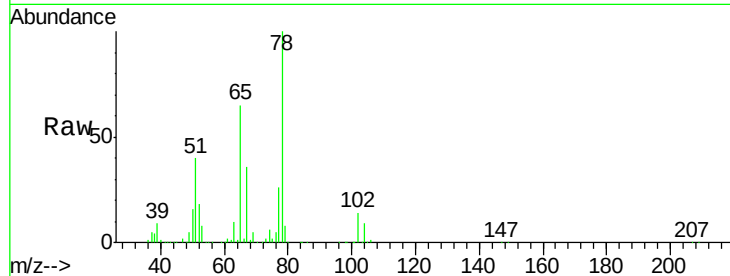
#33
 1,2-Dichloroethane-d4
 Concen: 49.25 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	104.2	

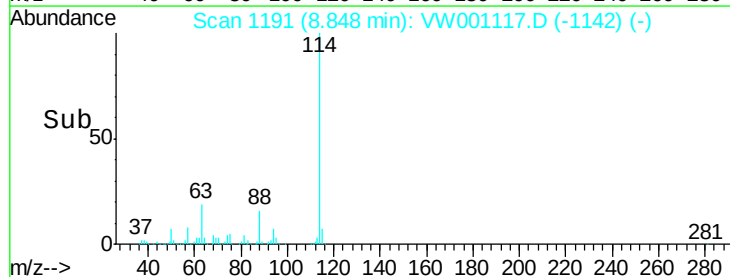
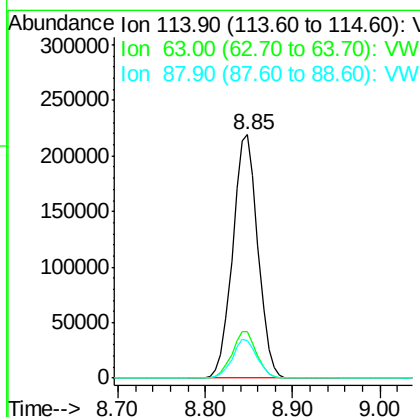
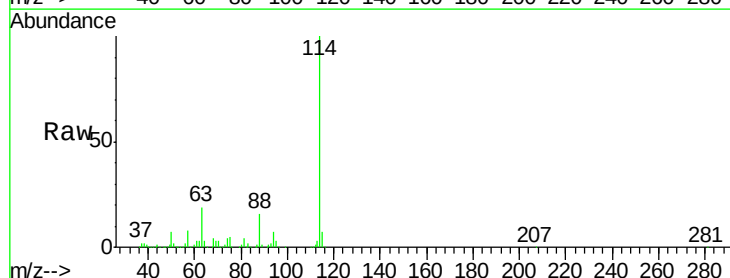
Manual Integrations
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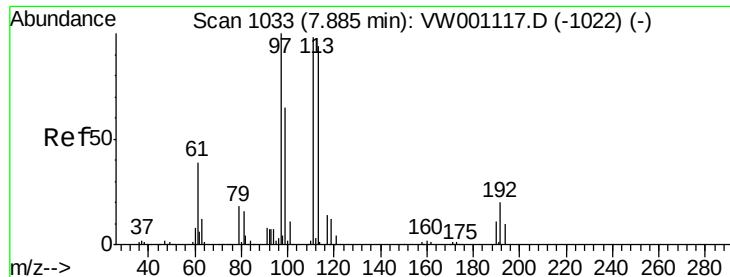
MMDadoda
 1/30/2018 5:46:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.1	0.0	38.2	
88	15.5	0.0	31.0	





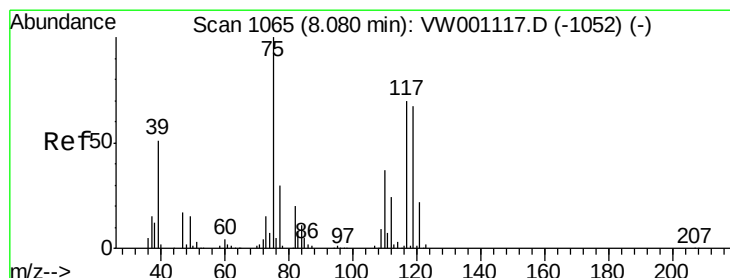
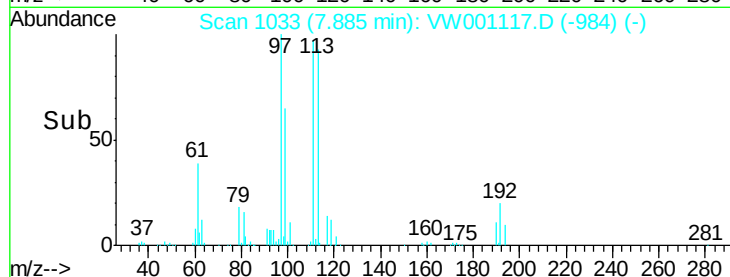
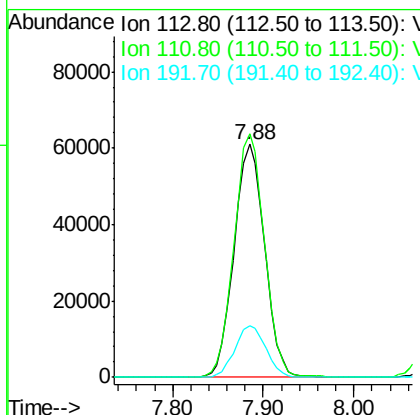
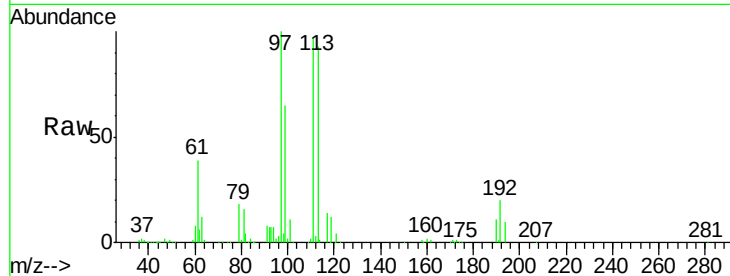
#35
 Dibromofluoromethane
 Concen: 51.02 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	22.2	17.8	26.6

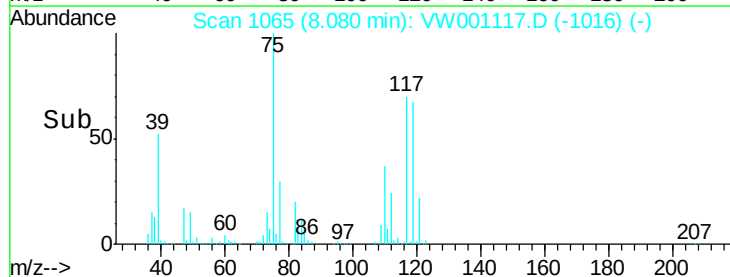
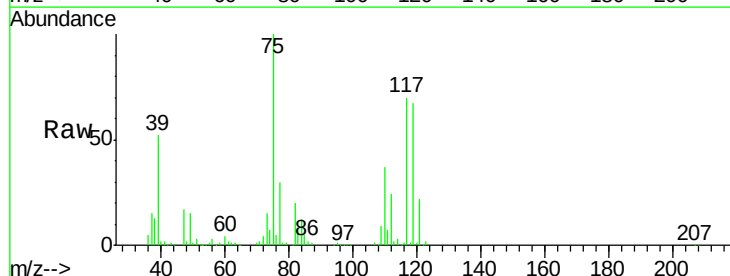
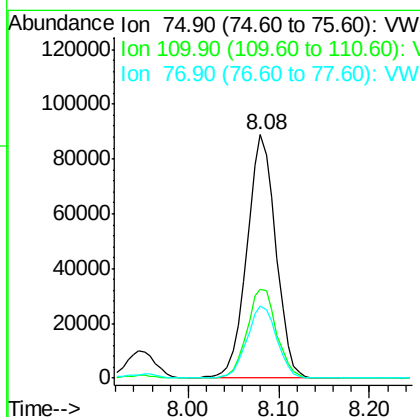
Manual Integrations
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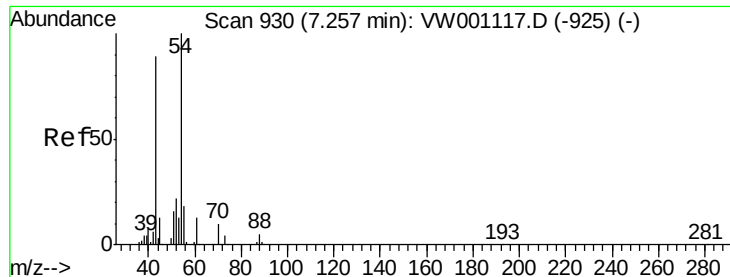
MMDadoda
 1/30/2018 5:46:53 PM



#36
 1,1-Dichloropropene
 Concen: 49.42 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.7	56.1
77	30.8	24.6	37.0





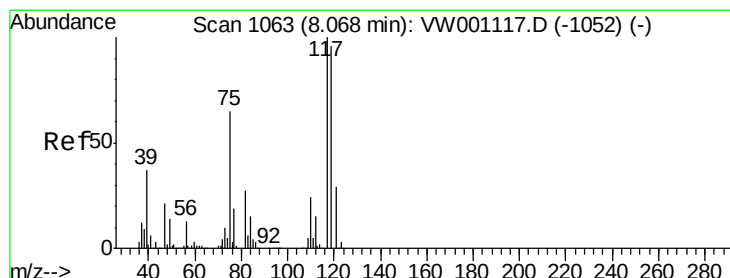
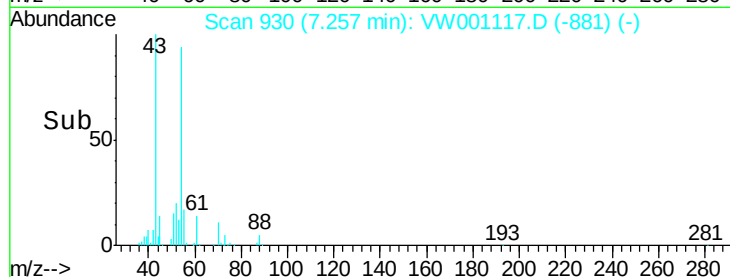
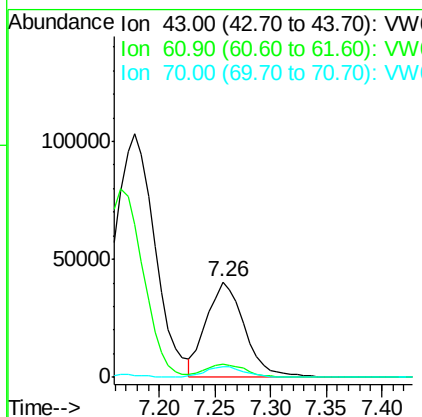
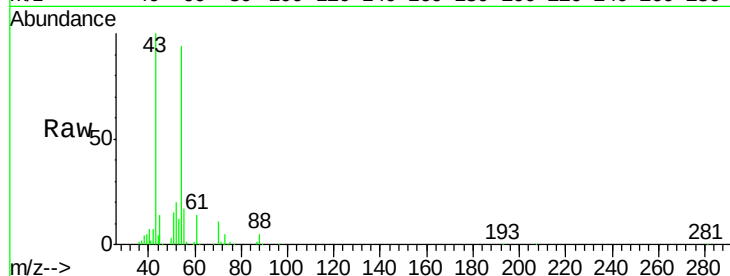
#37
Ethyl Acetate
Concen: 45.83 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.7	9.4	14.0

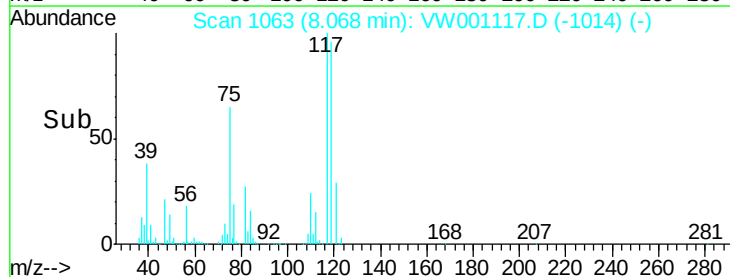
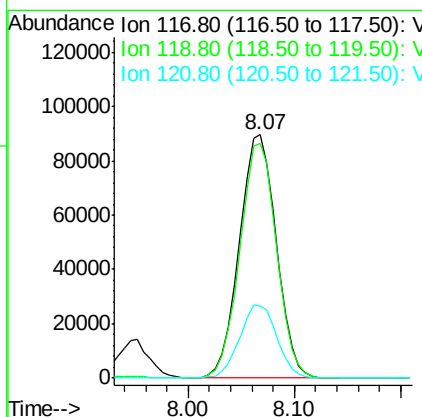
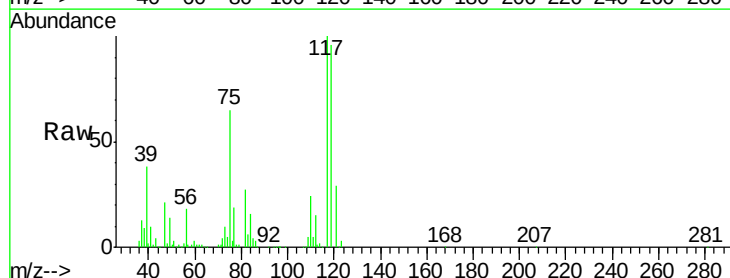
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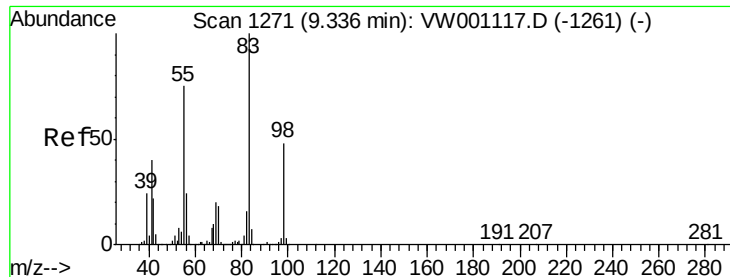
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#38
Carbon Tetrachloride
Concen: 49.56 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
121	29.4	23.5	35.3





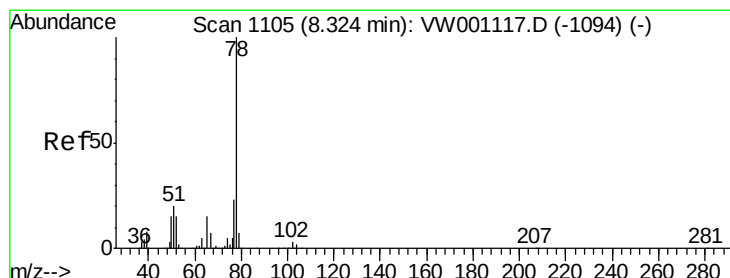
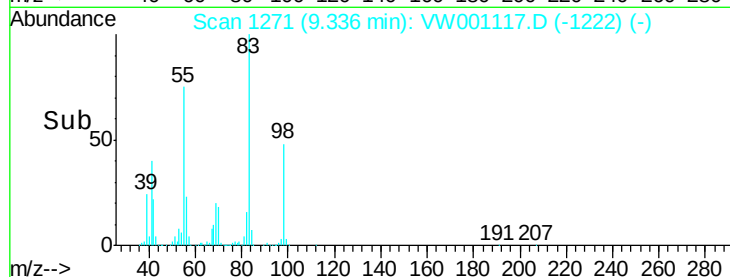
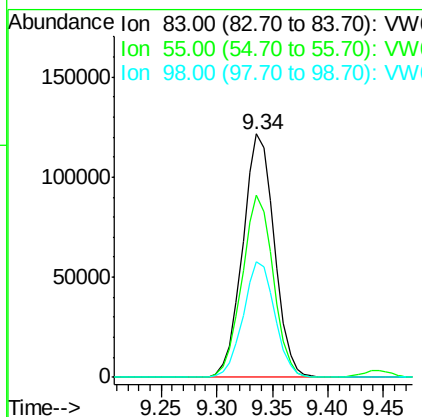
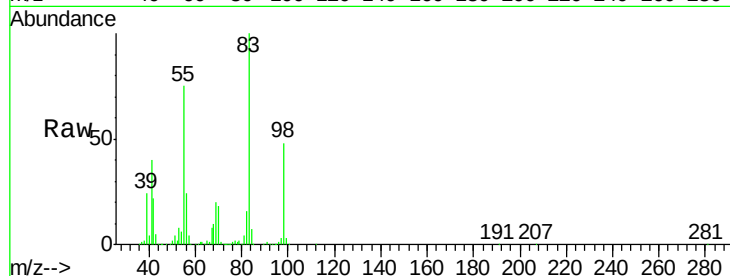
#39
Methylvlcyclohexane
Concen: 51.41 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.7	89.5
98	47.5	38.0	57.0

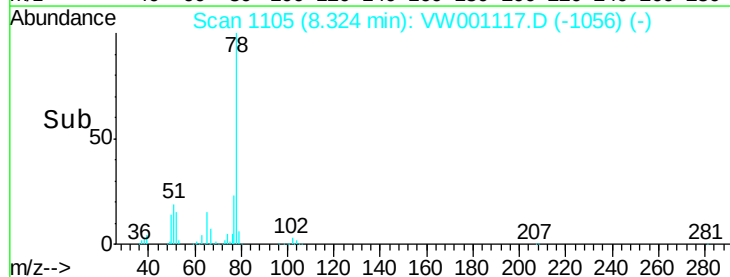
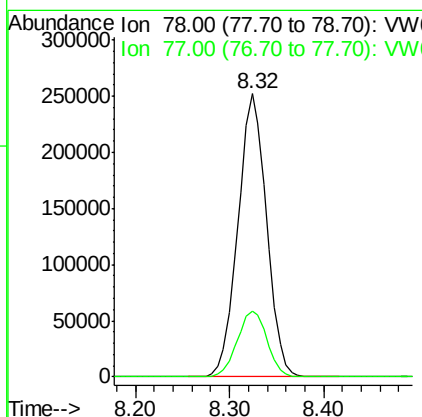
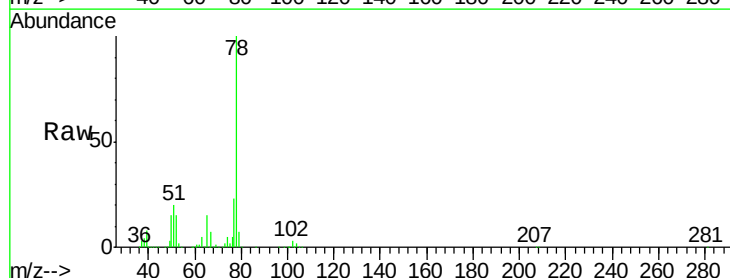
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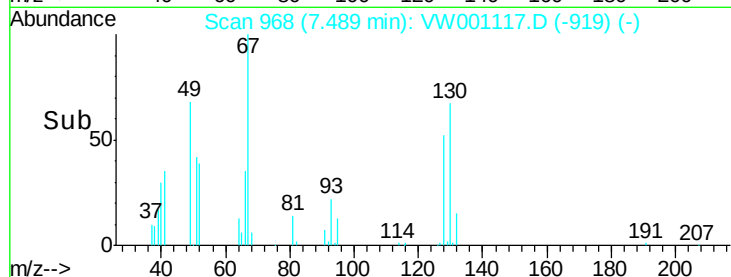
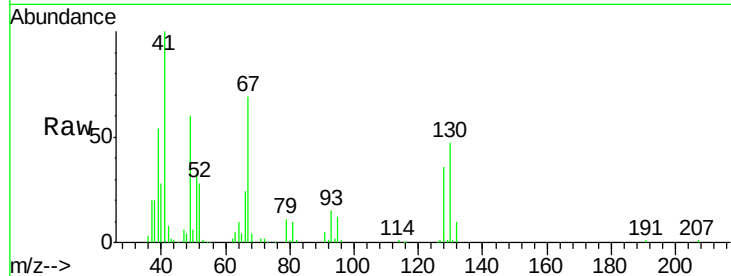
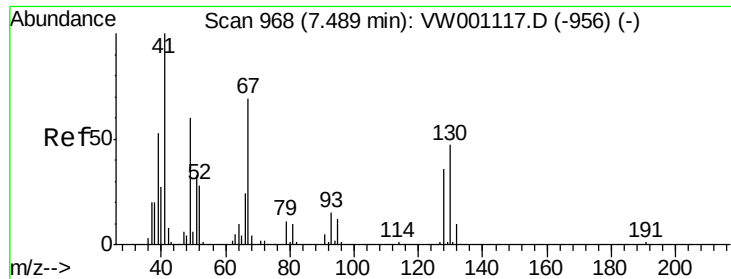
MMDadoda
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#40
Benzene
Concen: 48.78 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





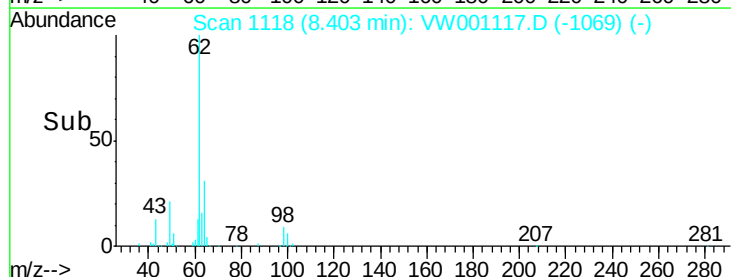
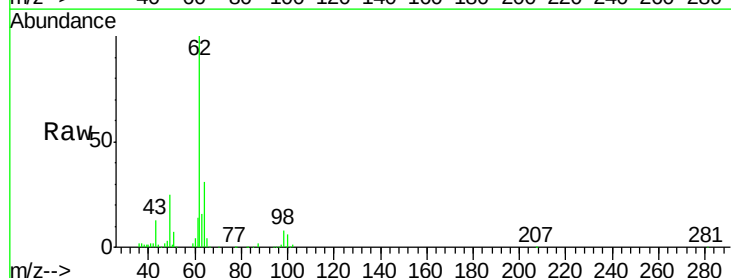
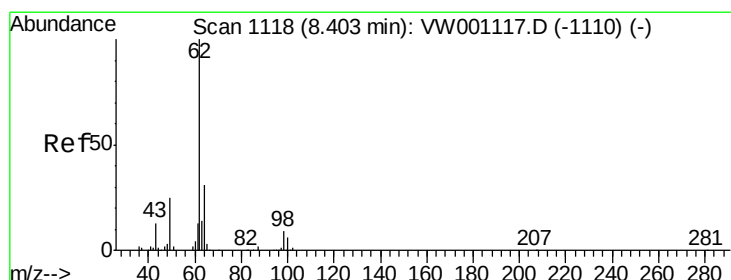
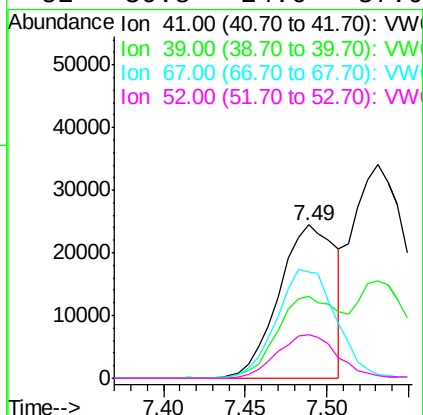
#41
Methacrylonitrile
Concen: 51.01 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.0	48.8	73.2
67	74.5	59.6	89.4
52	30.8	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

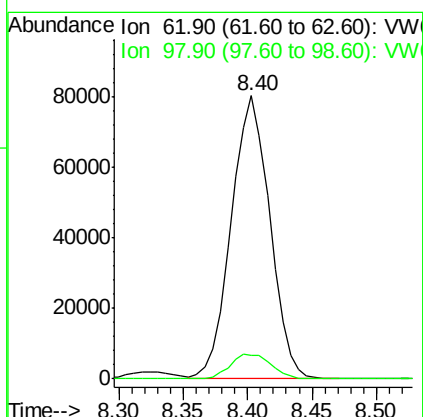
Manual Integrations
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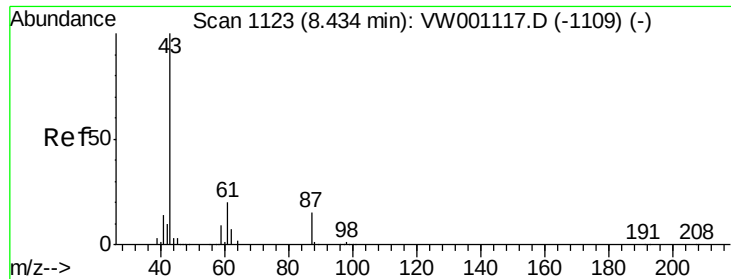
MMDadoda
1/30/2018 5:46:53 PM



#42
1,2-Dichloroethane
Concen: 48.61 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8





#43

Isopropyl Acetate

Concen: 49.15 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

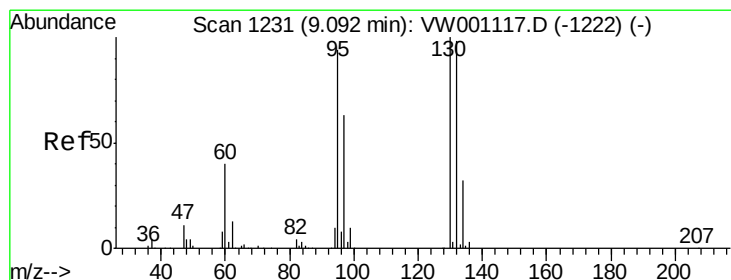
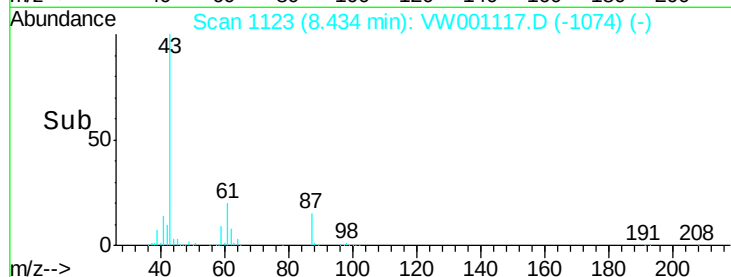
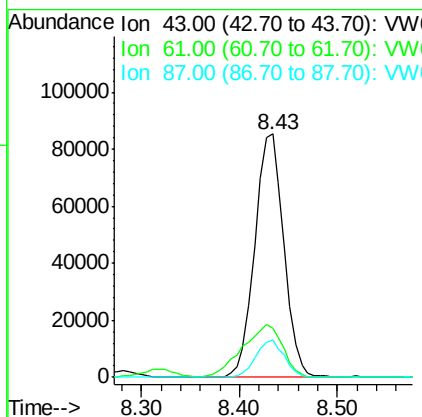
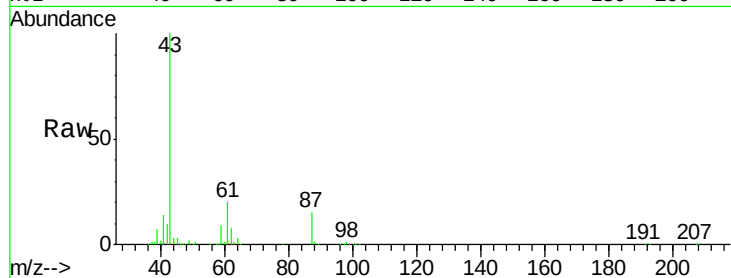
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	176698
Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.9	35.9
87	15.0	12.0	18.0

Manual Integrations
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MMMadoda
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#44

Trichloroethene

Concen: 48.28 ug/l

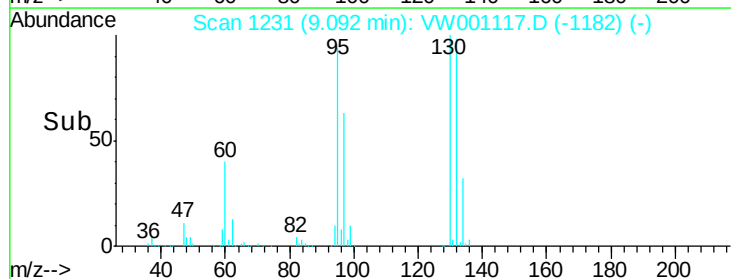
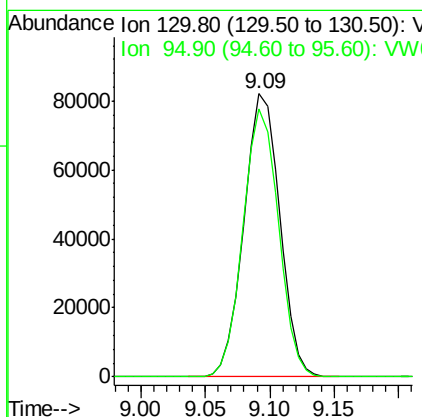
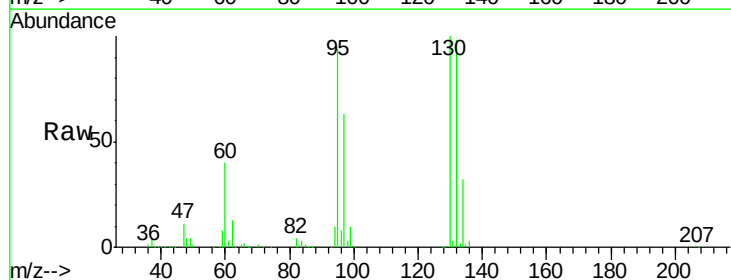
RT: 9.09 min Scan# 1231

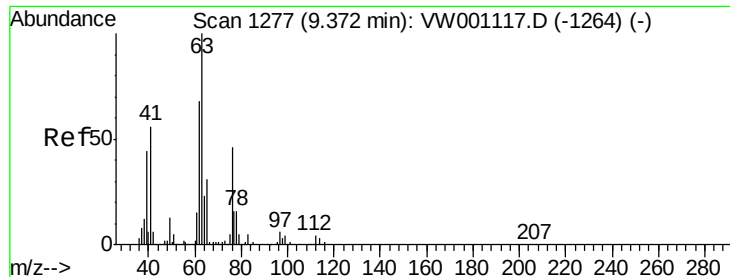
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	130	Resp:	158666
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	189.0





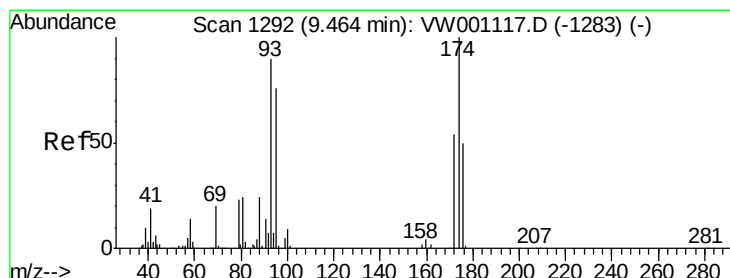
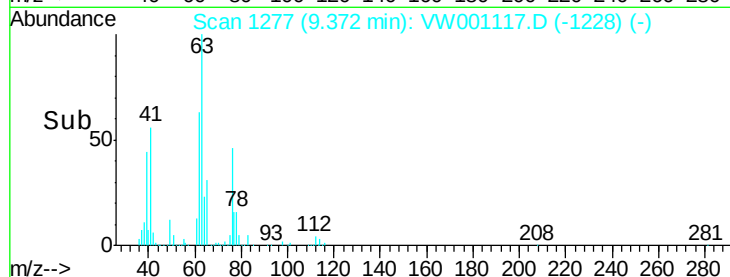
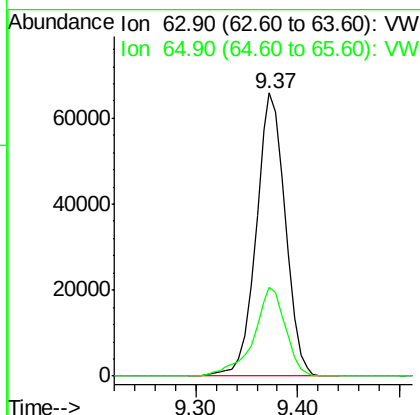
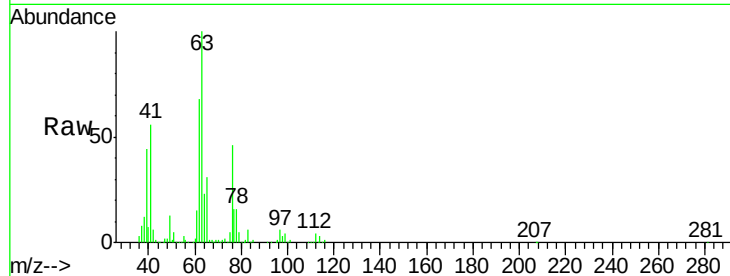
#45
 1,2-Dichloropropane
 Concen: 49.54 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.0	37.4

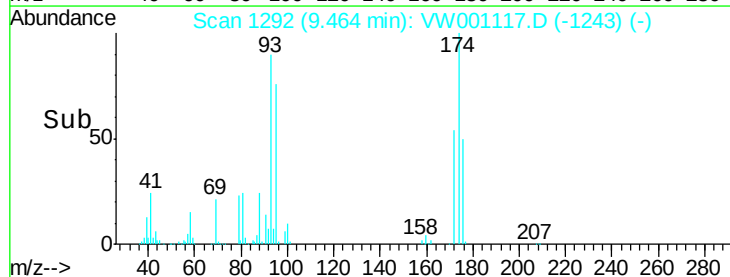
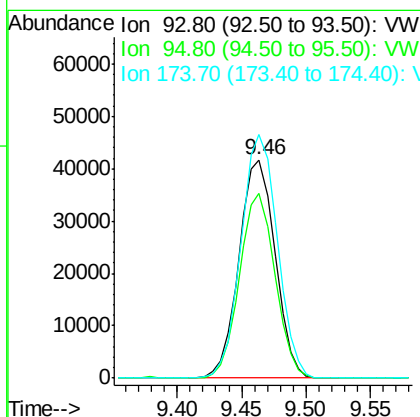
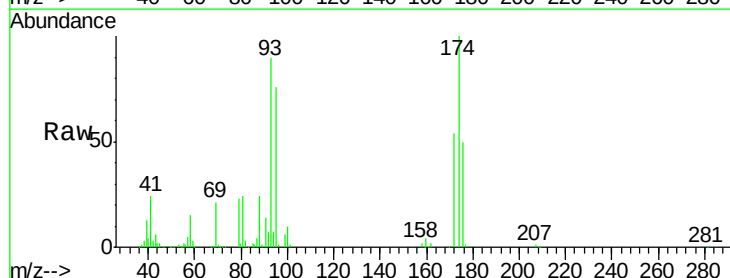
Manual Integrations
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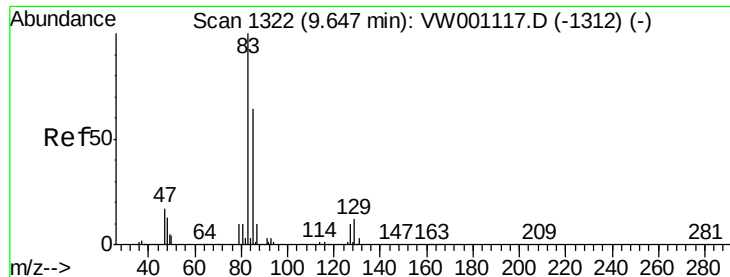
MMDadoda
 1/30/2018 5:46:53 PM



#46
 Dibromomethane
 Concen: 49.23 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.5	99.7
174	111.9	89.5	134.3





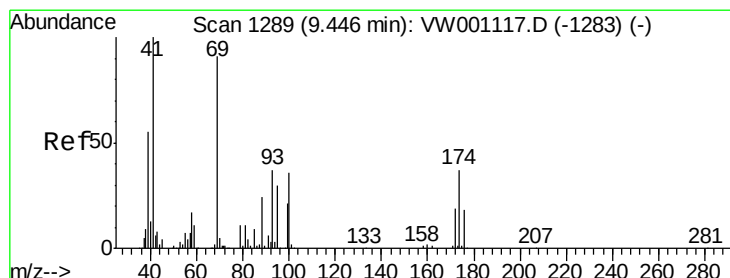
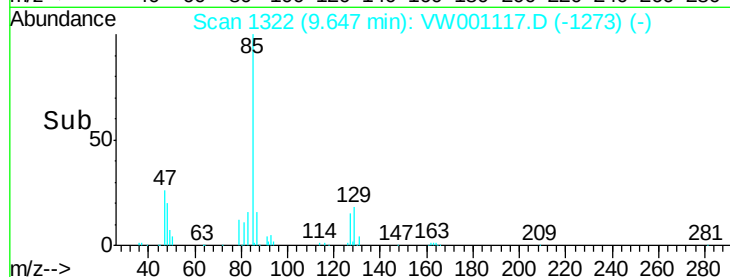
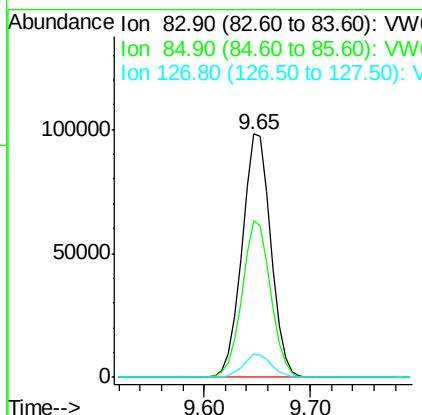
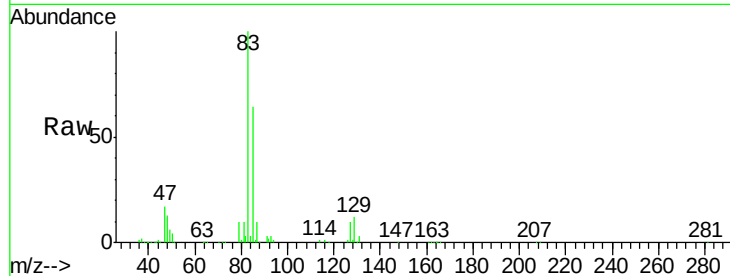
#47
Bromodichloromethane
Concen: 49.93 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	186183		
85	64.4	51.5	77.3	
127	9.5	7.6	11.4	

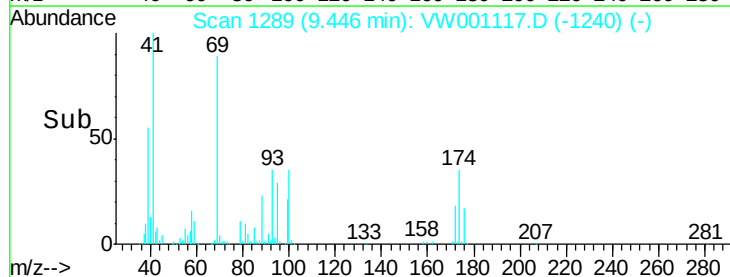
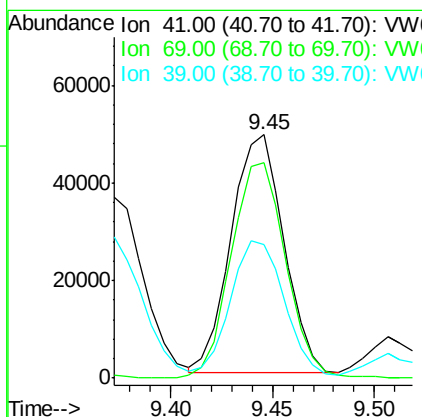
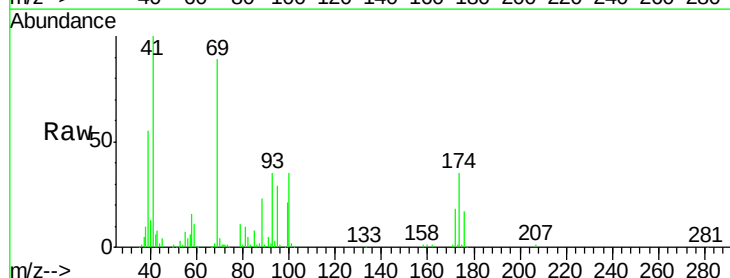
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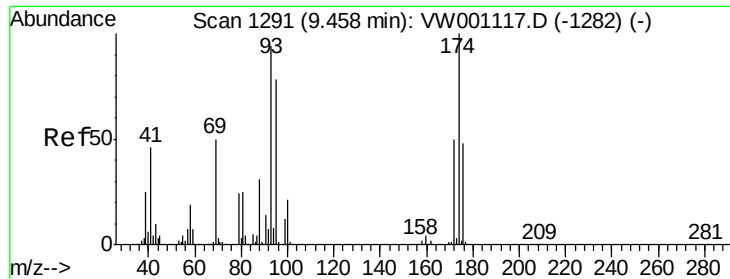
MMDadoda
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#48
Methyl methacrylate
Concen: 51.12 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	87853		
69	93.6	74.9	112.3	
39	59.5	47.6	71.4	





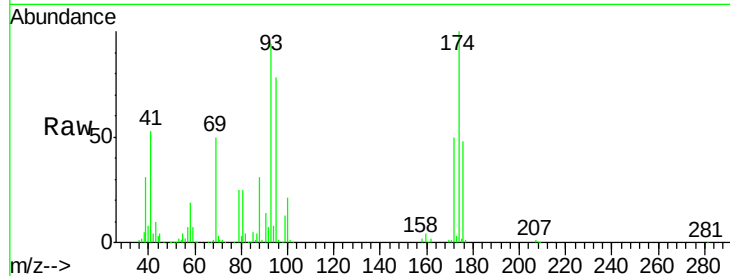
#49
1,4-Dioxane
Concen: 1003.41 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	88	Resp	29468
Ion Ratio	Lower	Upper	
88	100		
43	28.8	23.0	34.6
58	67.4	53.9	80.9

Manual Integrations
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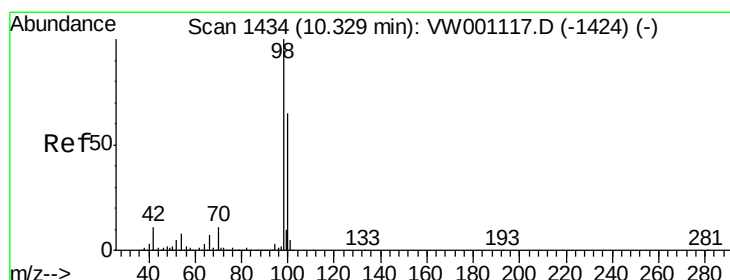
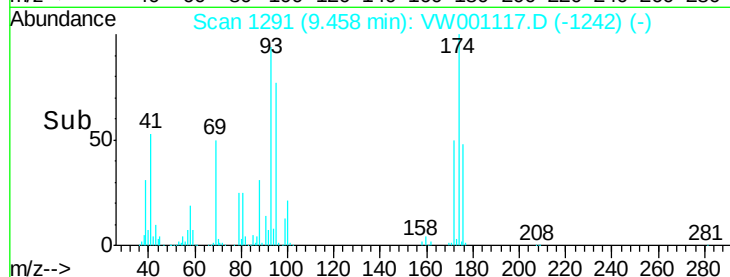
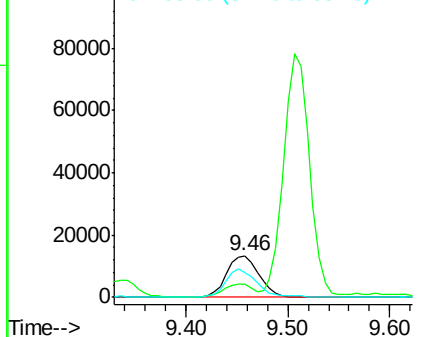


Abundance

Ion 88.00 (87.70 to 88.70): VW

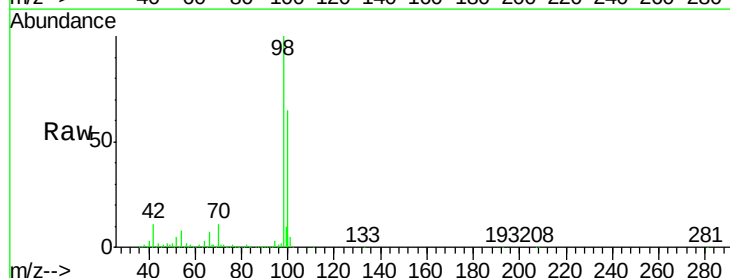
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 50.85 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

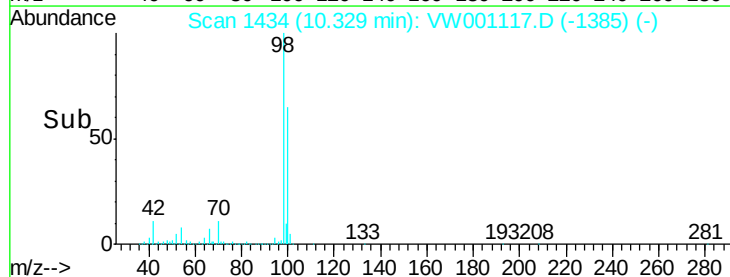
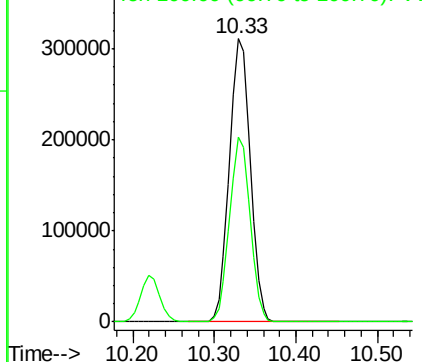
Tgt Ion	98	Resp	548173
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.3	76.9

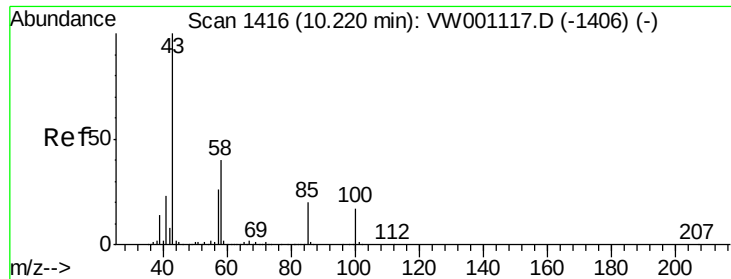


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





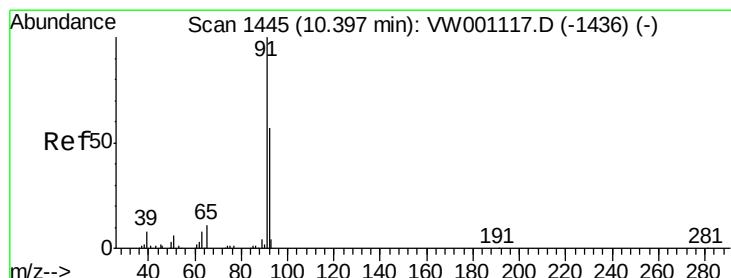
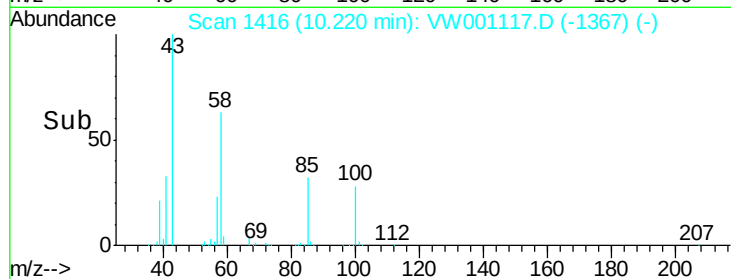
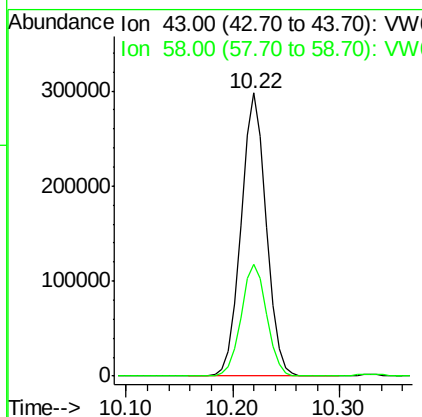
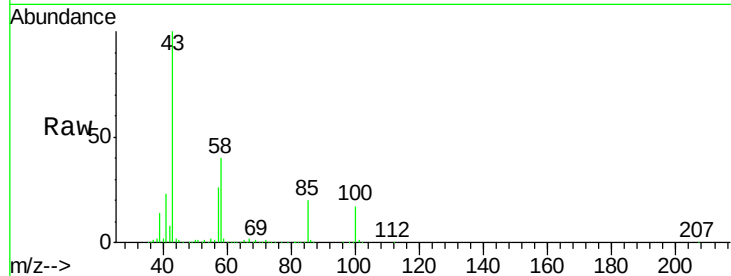
#51
4-Methyl-2-Pentanone
Concen: 250.79 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	40.1		32.1	48.1	

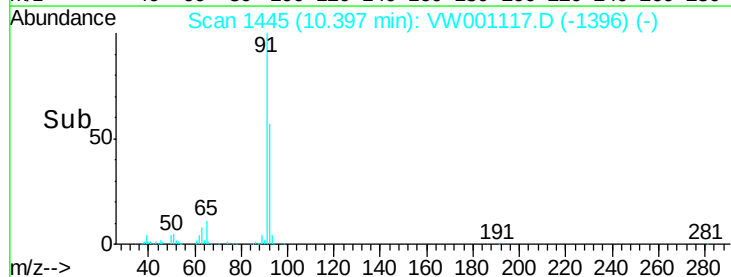
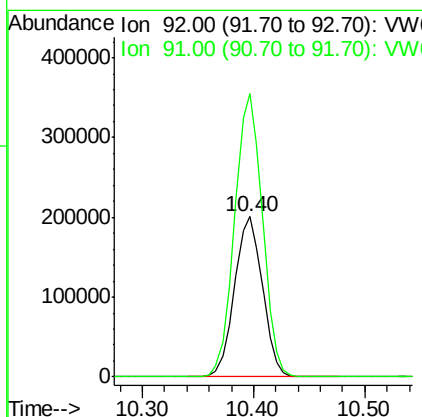
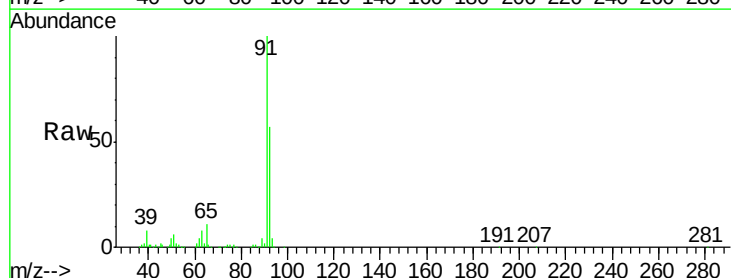
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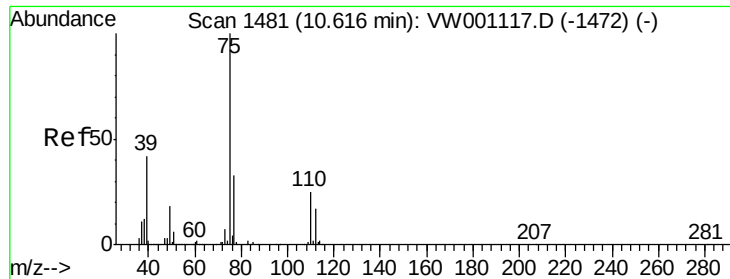
MMDadoda
1/30/2018 5:46:53 PM



#52
Toluene
Concen: 49.61 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	175.8		140.6	211.0	





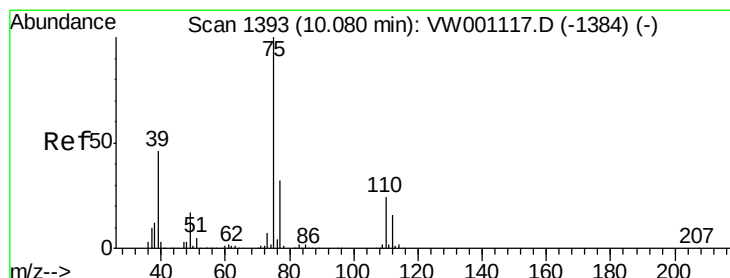
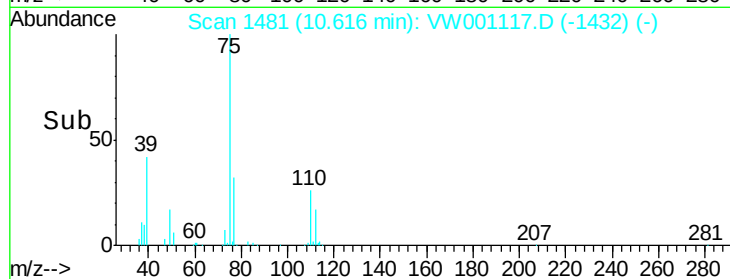
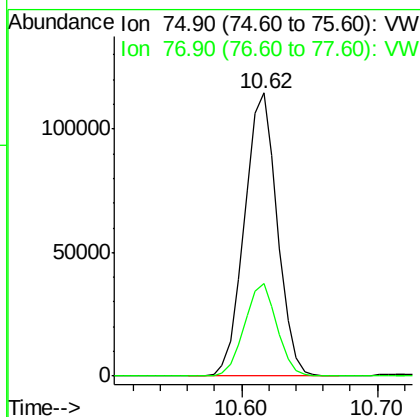
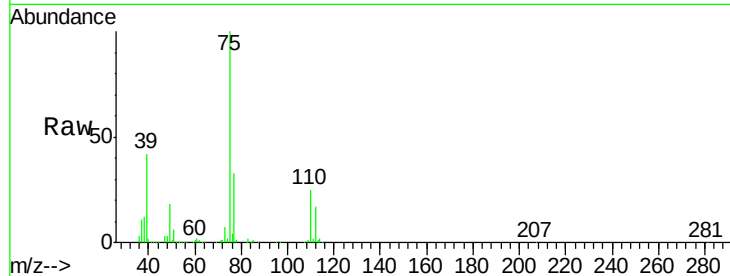
#53
t-1,3-Dichloropropene
Concen: 51.32 ug/l
RT: 10.62 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0

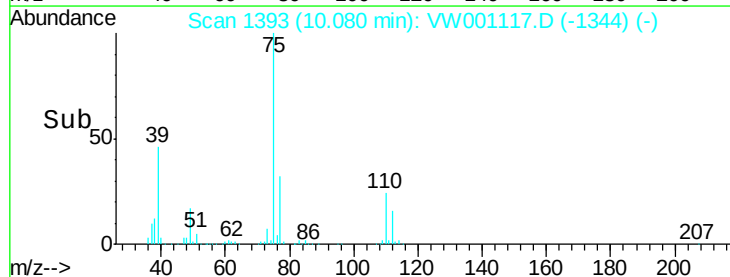
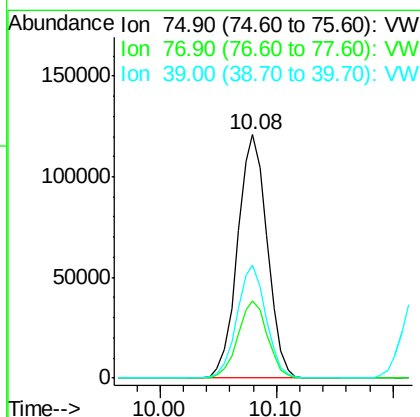
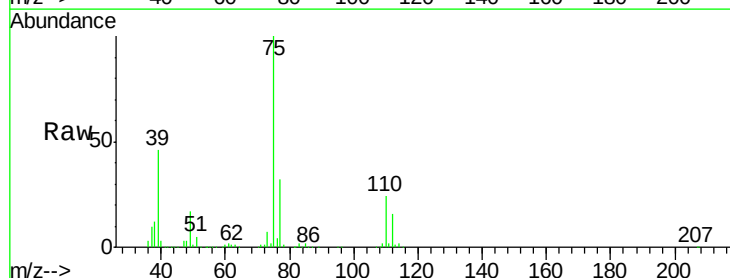
Manual Integrations
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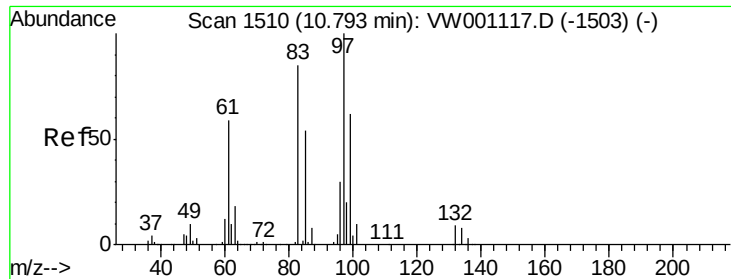
MMDadoda
1/30/2018 5:46:53 PM



#54
cis-1,3-Dichloropropene
Concen: 50.98 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
39	46.2	37.0	55.4





#55

1,1,2-Trichloroethane

Concen: 49.18 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

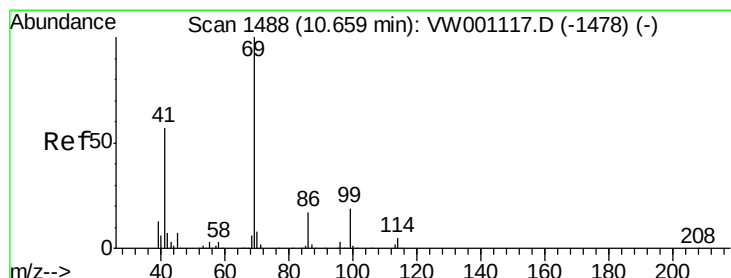
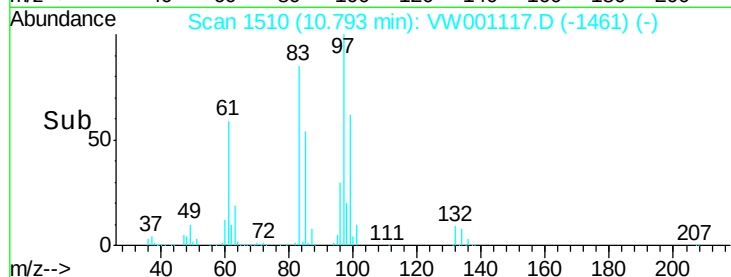
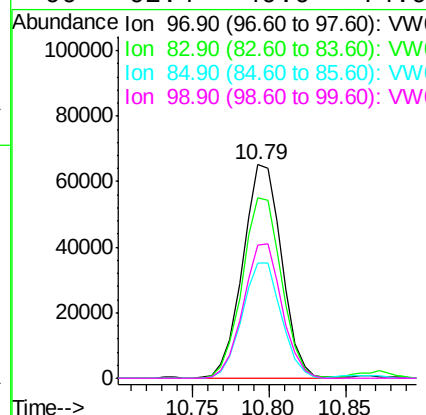
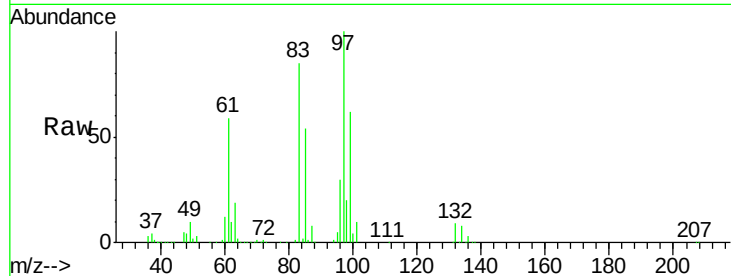
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	115557
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.7	101.5
85	53.8	43.0	64.6
99	62.4	49.9	74.9

Manual Integrations
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1/30/2018 5:46:53 PM



#56

Ethyl methacrylate

Concen: 52.16 ug/l

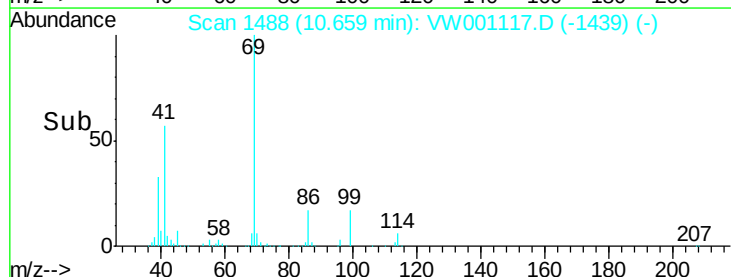
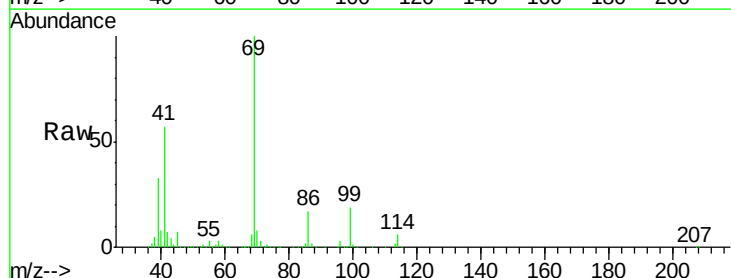
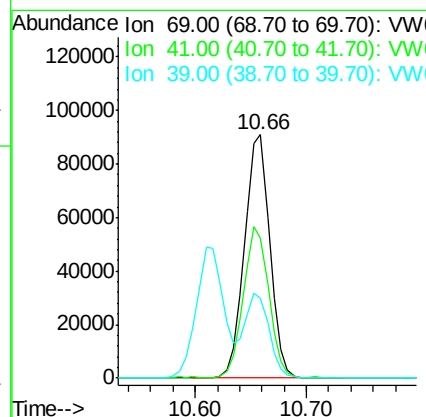
RT: 10.66 min Scan# 1488

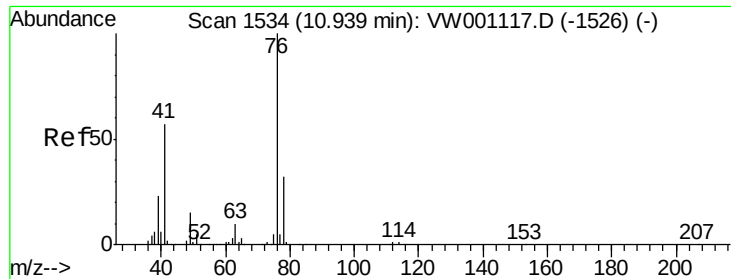
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	69	Resp:	143663
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.6	75.8
39	34.4	27.5	41.3





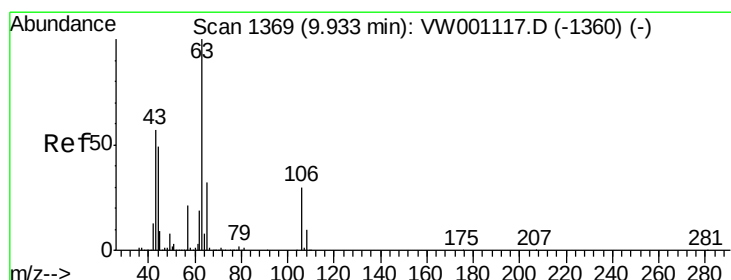
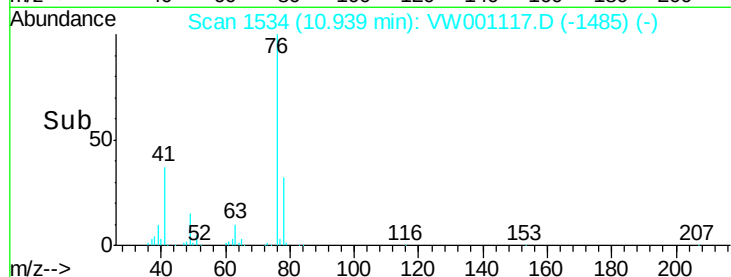
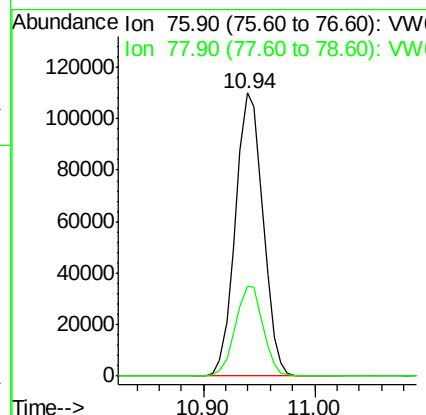
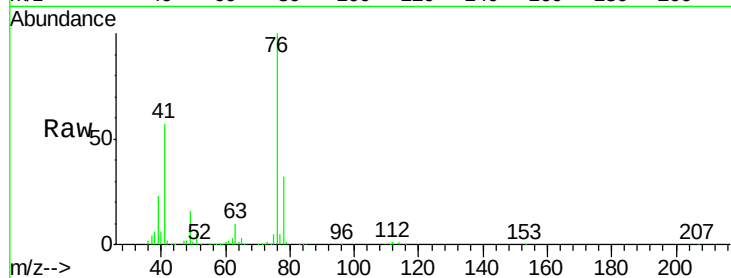
#57
 1,3-Dichloropropane
 Concen: 49.52 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 189158
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

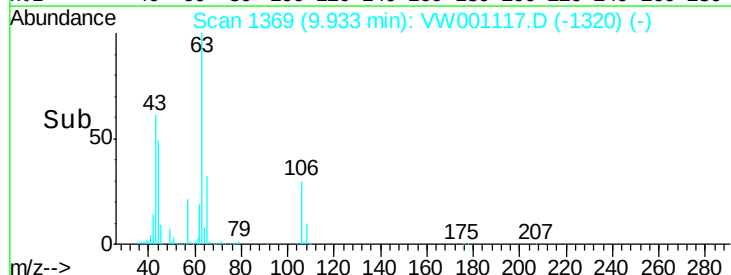
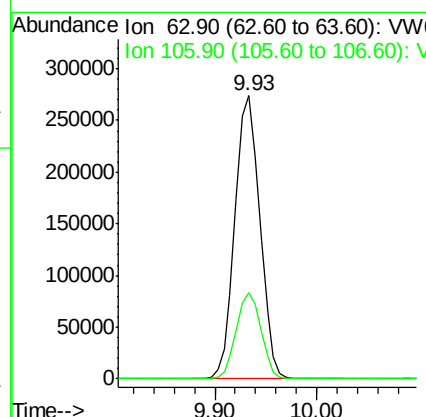
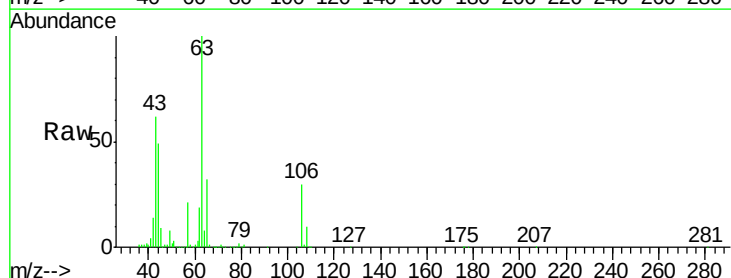
Manual Integrations
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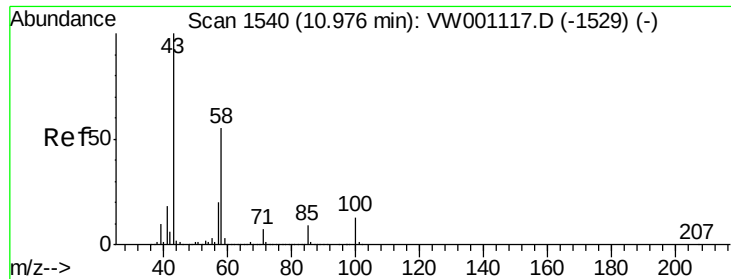
MMDadoda
 1/30/2018 5:46:53 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.86 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion: 63 Resp: 461443
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.2 36.4





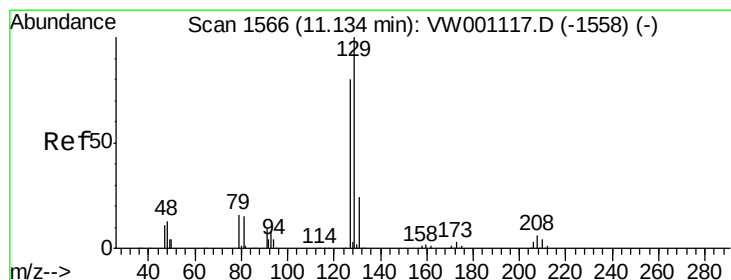
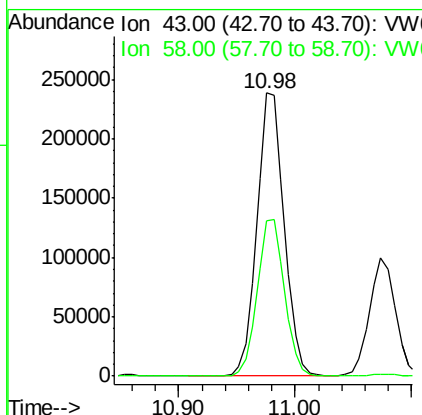
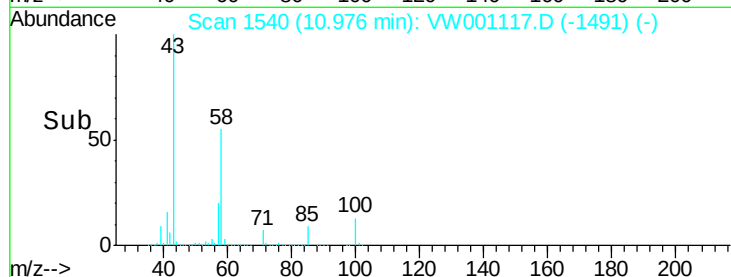
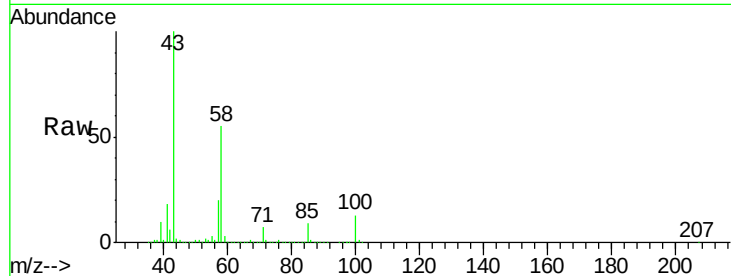
#59
2-Hexanone
Concen: 260.06 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 386500
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.0

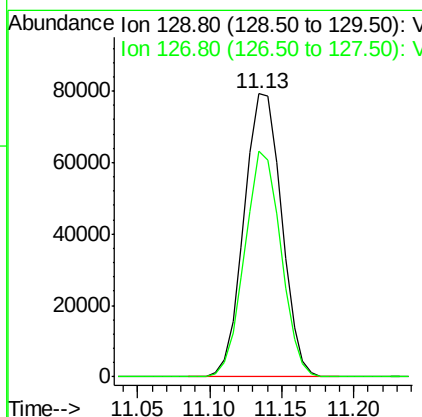
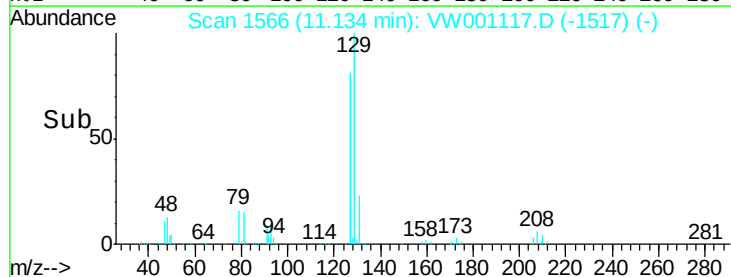
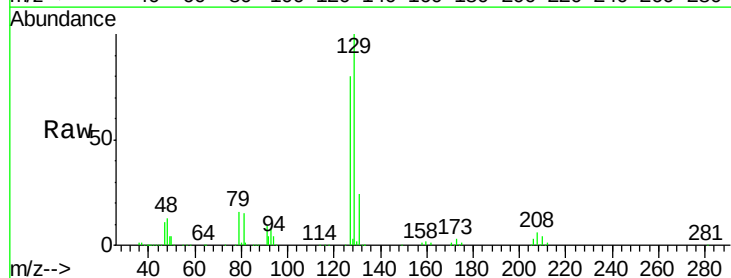
Manual Integrations
APPROVED

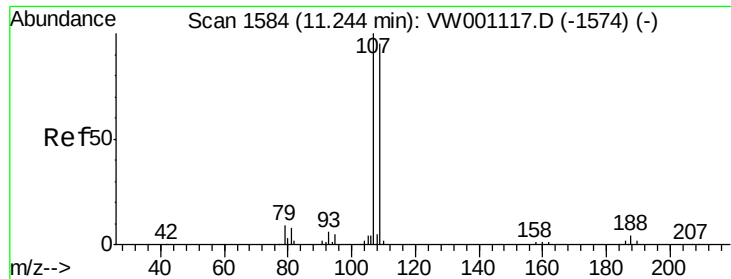
MMDadoda
1/30/2018 5:46:53 PM



#60
Dibromochloromethane
Concen: 50.05 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion: 129 Resp: 143295
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.12 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 116380

Ion Ratio Lower Upper

107 100

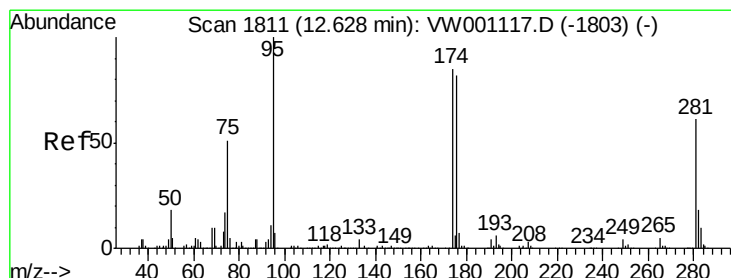
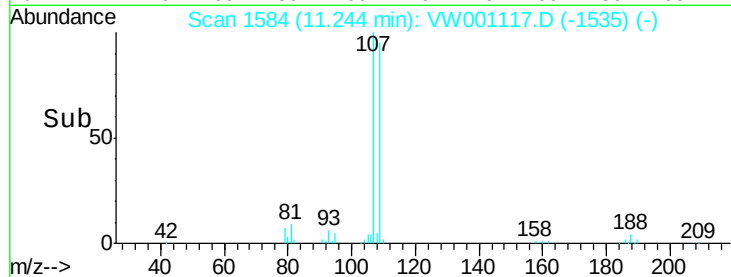
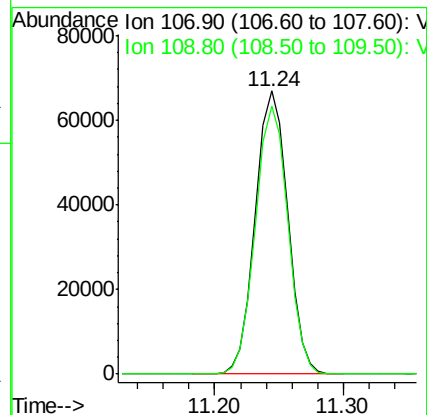
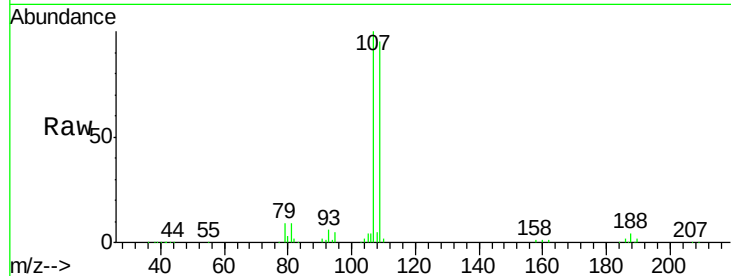
109 94.8 75.8 113.8

Manual Integrations

APPROVED

MMDadoda

1/30/2018 5:46:53 PM



#62

4-Bromofluorobenzene

Concen: 50.60 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

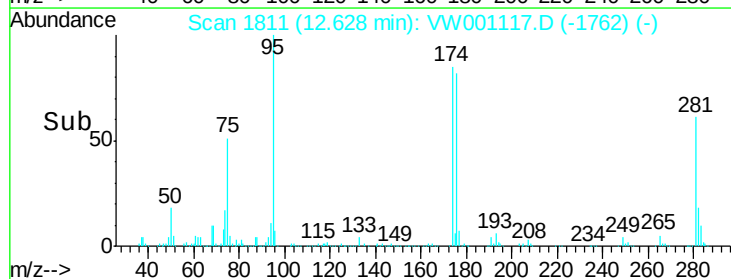
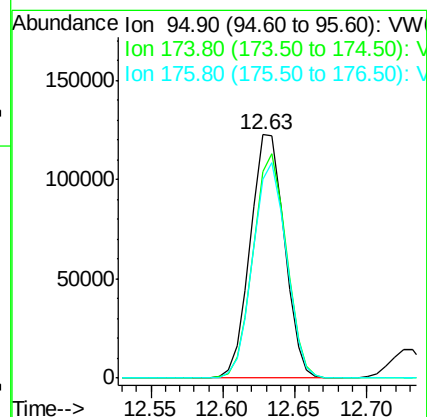
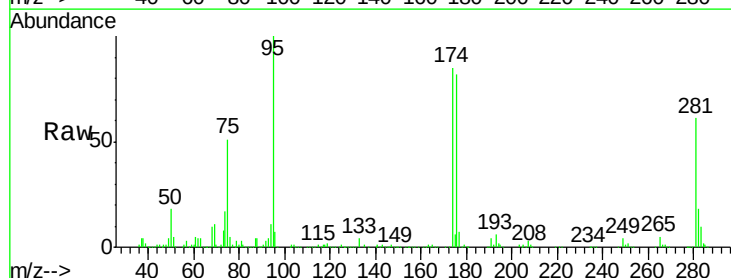
Tgt Ion: 95 Resp: 200984

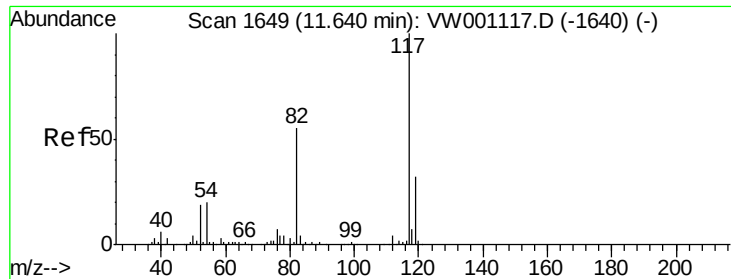
Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.6

176 87.2 0.0 174.4





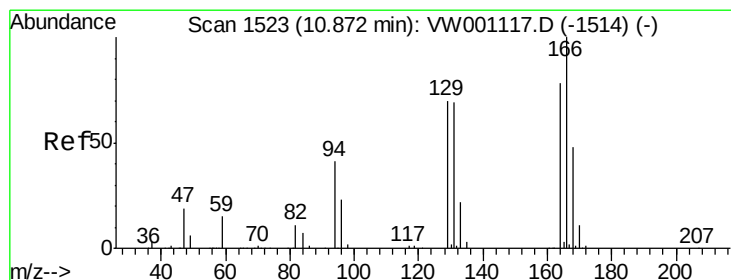
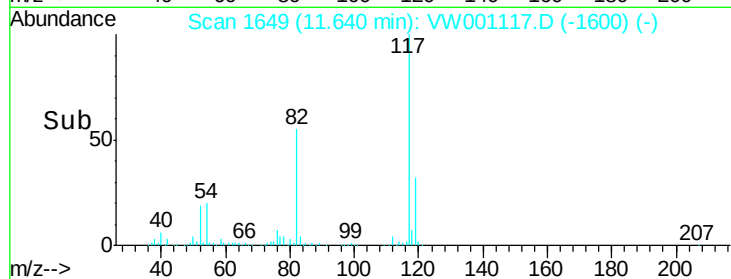
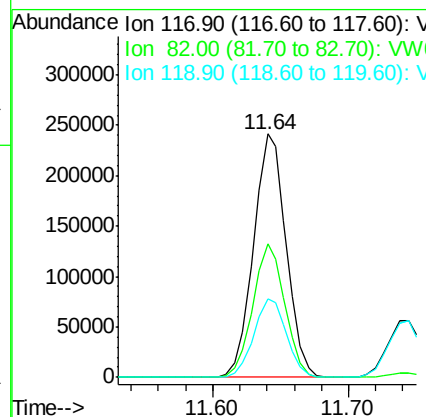
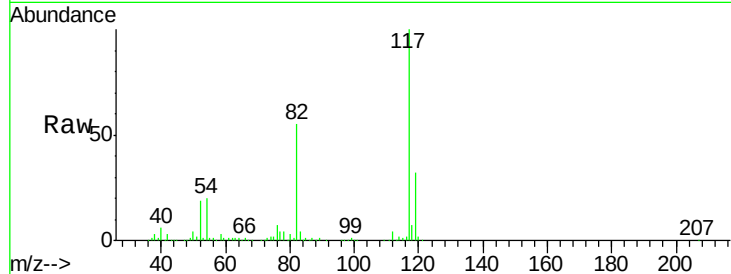
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.8	65.8
119	32.3	25.8	38.8

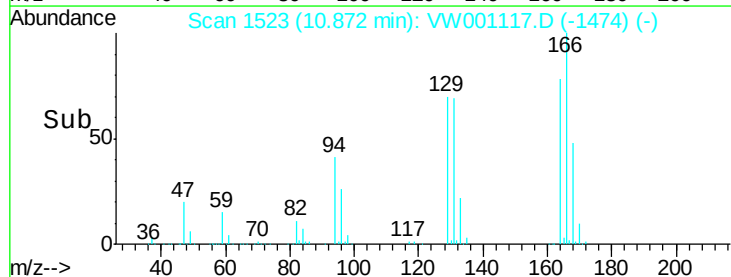
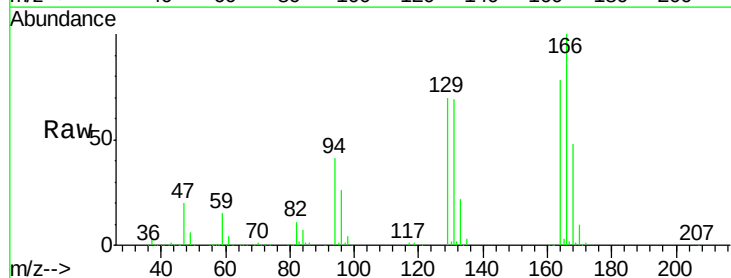
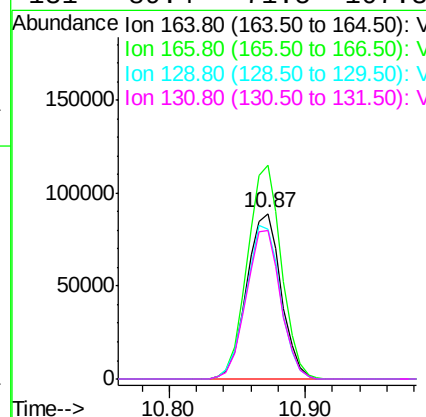
Manual Integrations
APPROVED

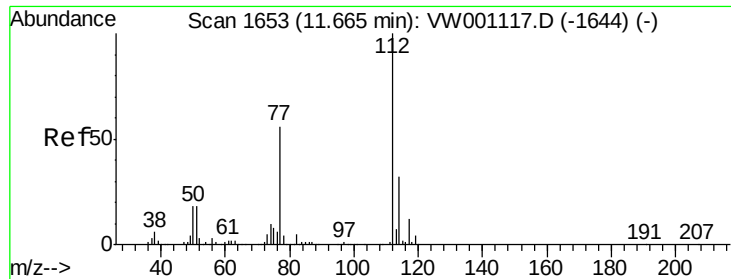
MMDadoda
1/30/2018 5:46:53 PM



#64
Tetrachloroethene
Concen: 48.29 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.1	154.7
129	90.4	72.3	108.5
131	89.4	71.5	107.3





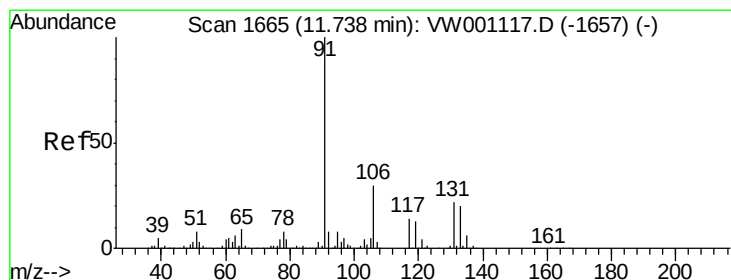
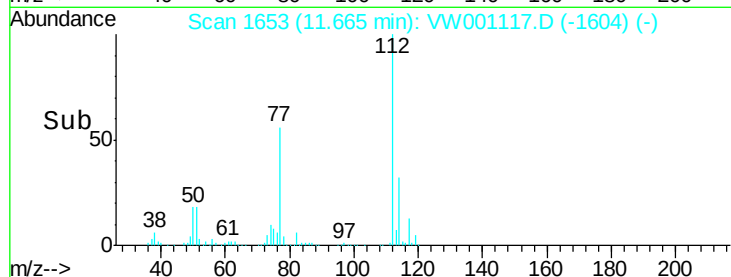
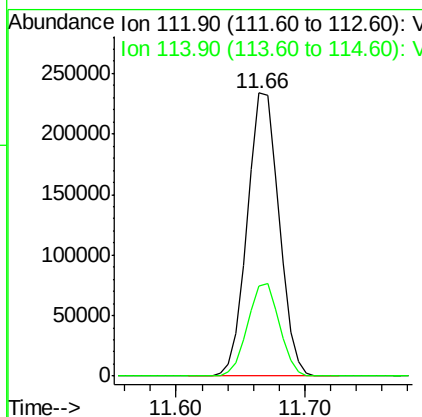
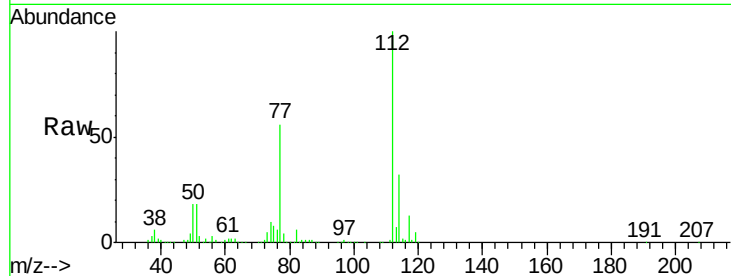
#65
Chlorobenzene
Concen: 48.64 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

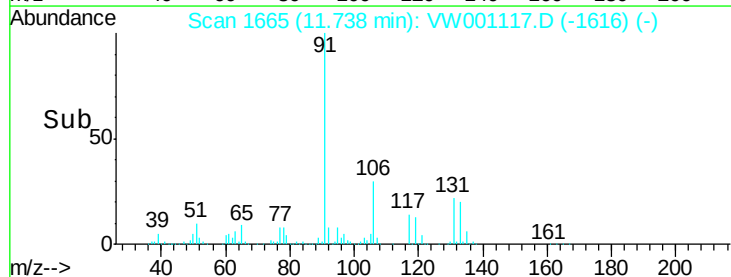
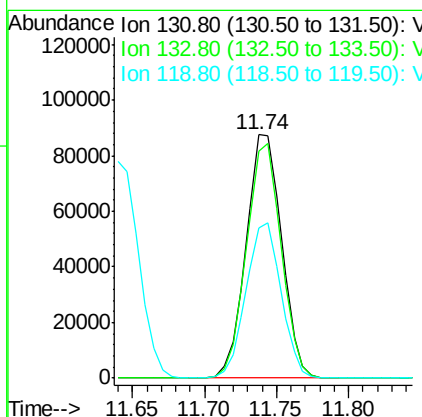
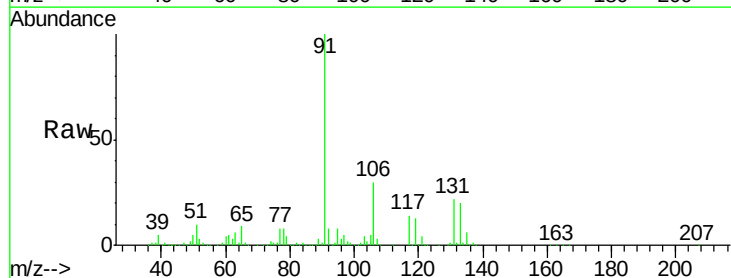
Manual Integrations
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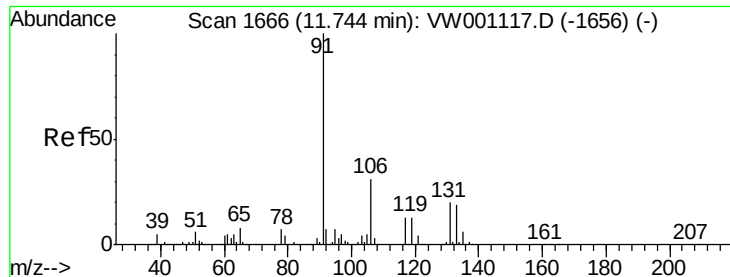
MMDadoda
1/30/2018 5:46:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.97 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	63.0	31.5	94.5





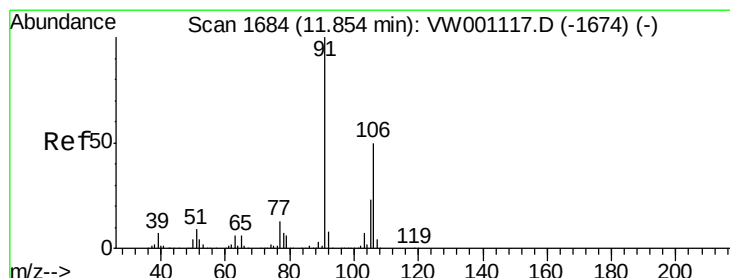
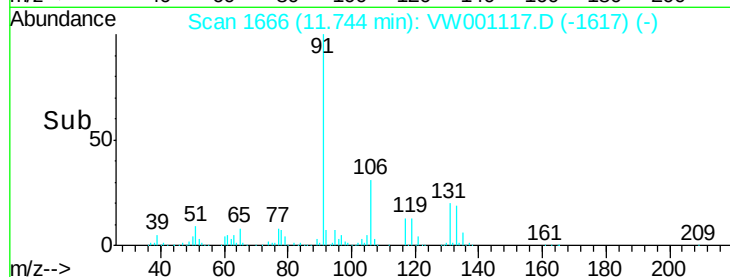
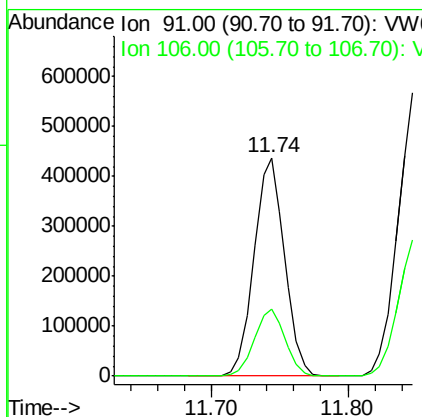
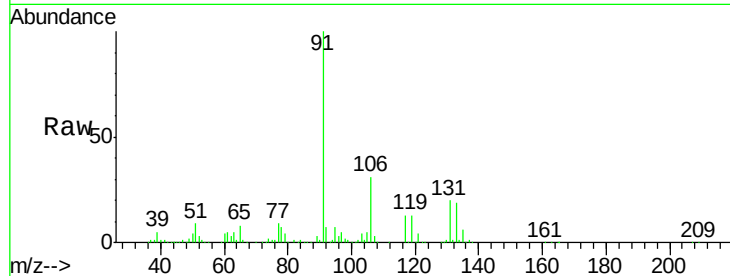
#67
Ethyl Benzene
Concen: 50.35 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 687455
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

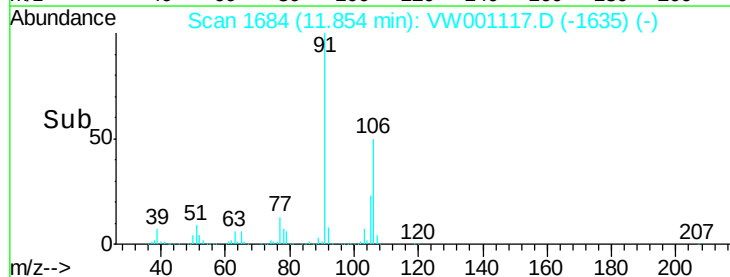
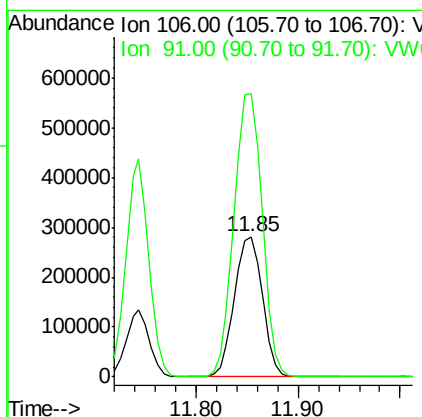
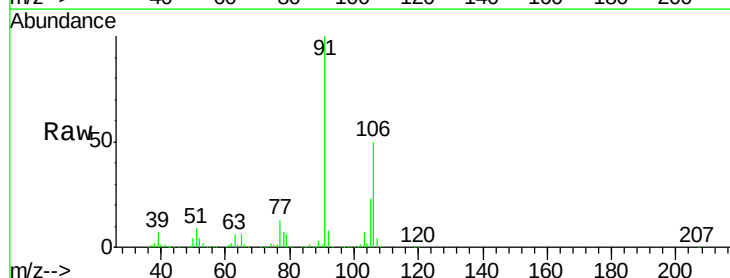
Manual Integrations
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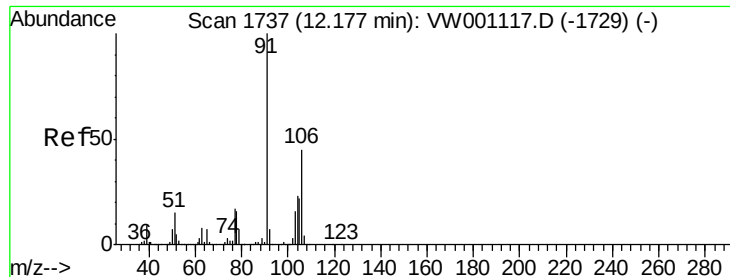
MMDadoda
1/30/2018 5:46:53 PM



#68
m/p-Xylenes
Concen: 100.42 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion: 106 Resp: 534231
Ion Ratio Lower Upper
106 100
91 203.9 163.1 244.7





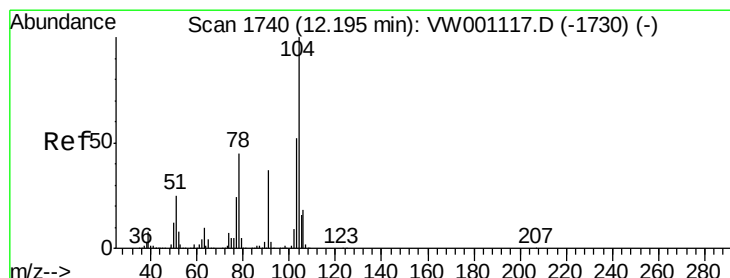
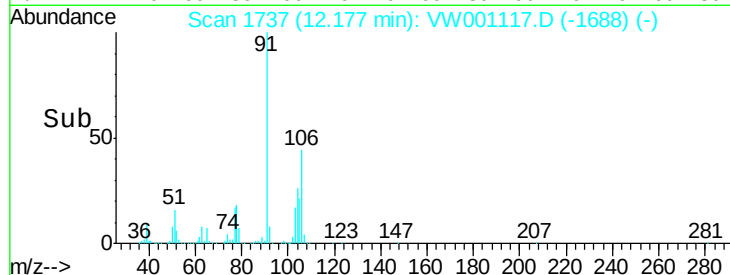
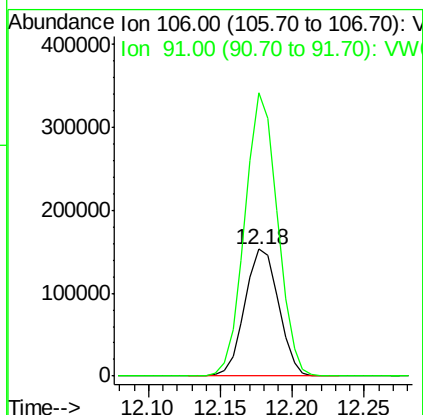
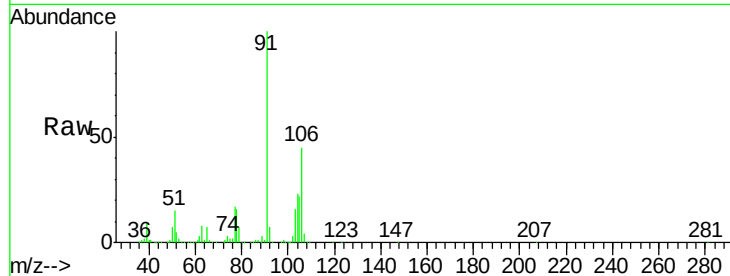
#69
o-Xylene
Concen: 50.85 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.2	107.6	322.8	

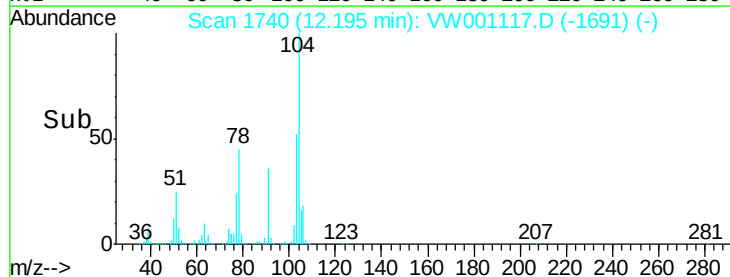
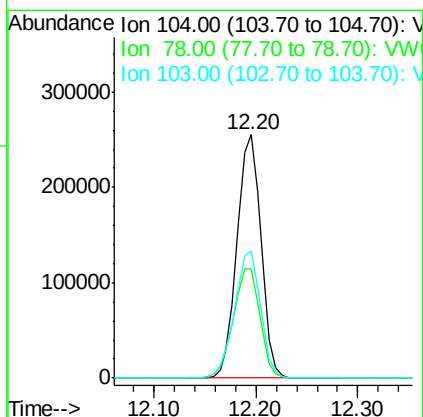
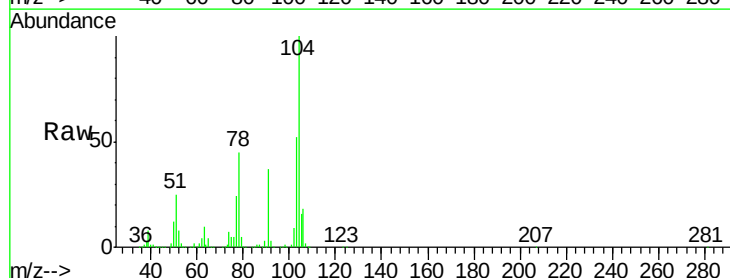
Manual Integrations
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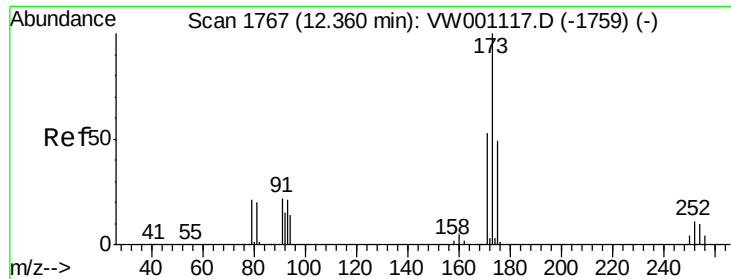
MMDadoda
1/30/2018 5:46:53 PM



#70
Styrene
Concen: 51.52 ug/l
RT: 12.20 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.9	39.9	59.9	
103	55.9	44.7	67.1	





#71

Bromoform

Concen: 49.54 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

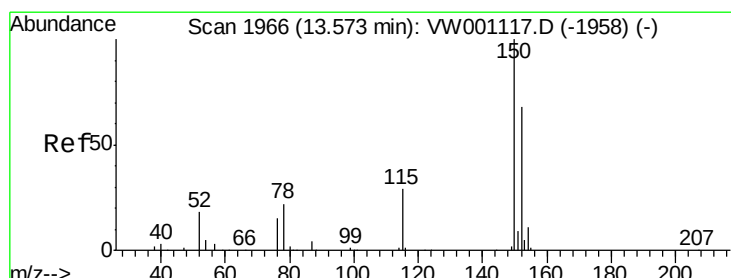
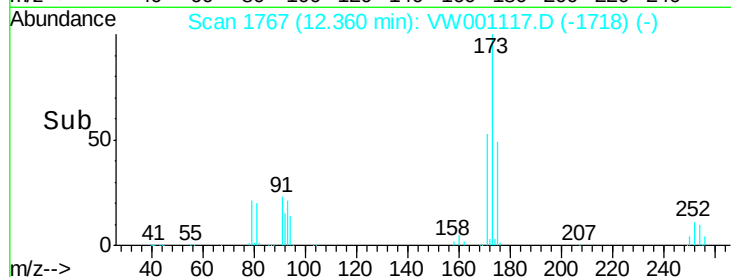
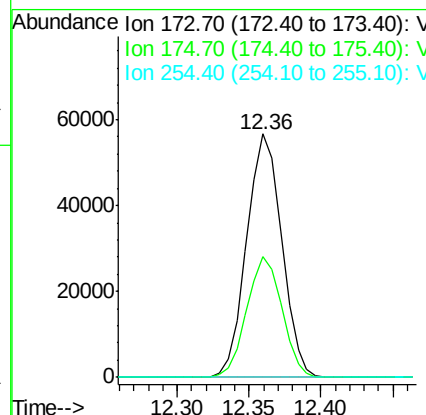
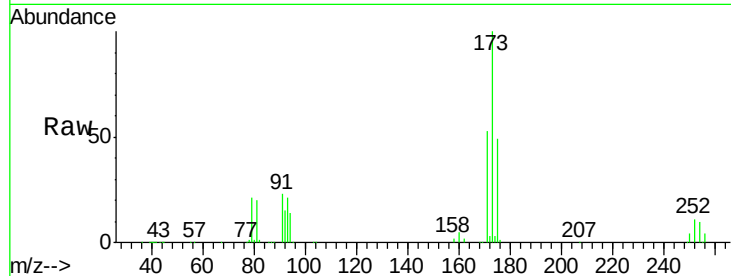
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1

Manual Integrations
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1/30/2018 5:46:53 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

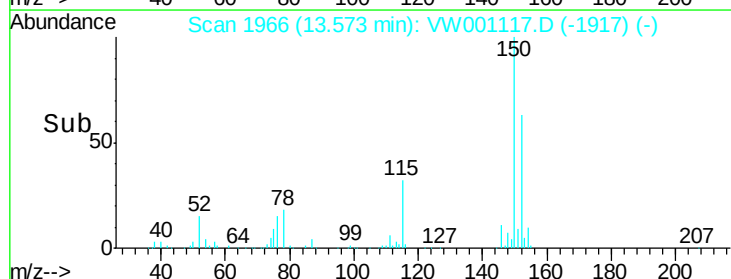
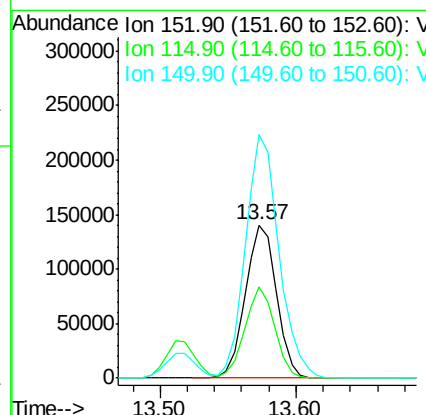
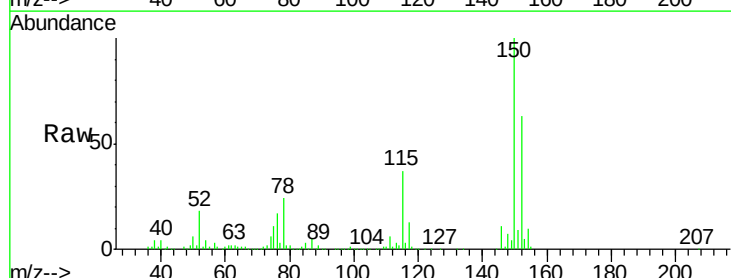
RT: 13.57 min Scan# 1966

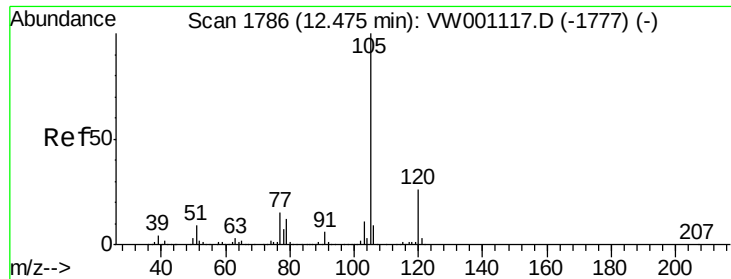
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.4	85.3
150	171.2	0.0	342.4





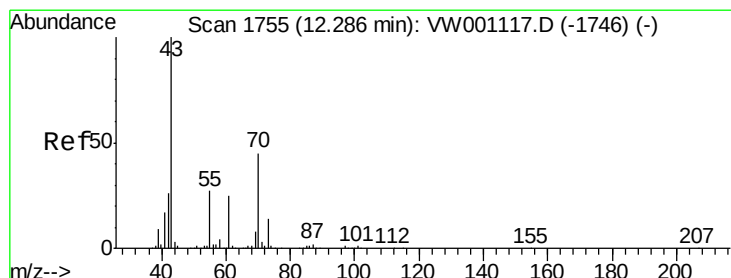
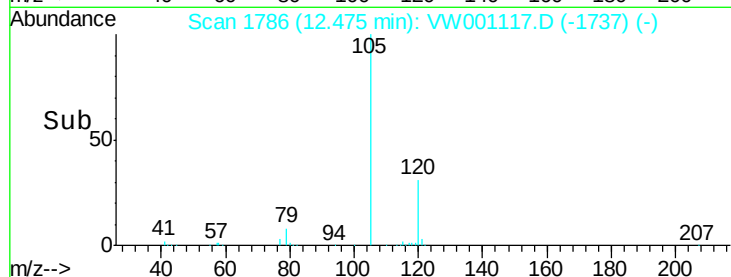
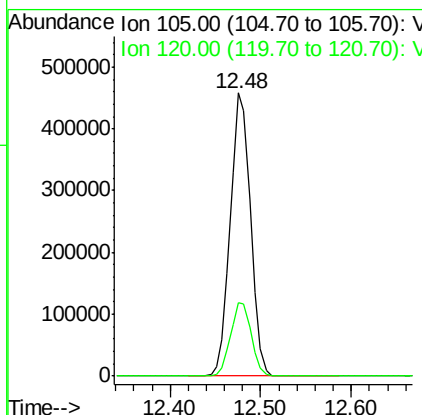
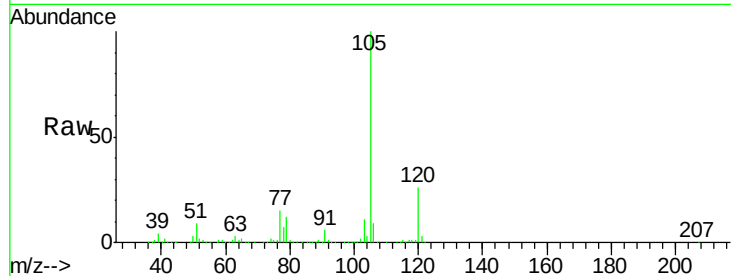
#73
Isopropylbenzene
Concen: 50.48 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.3	39.9

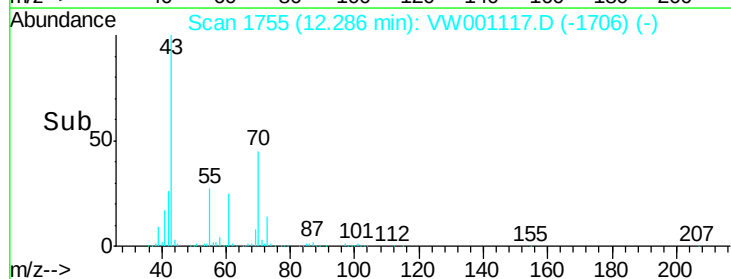
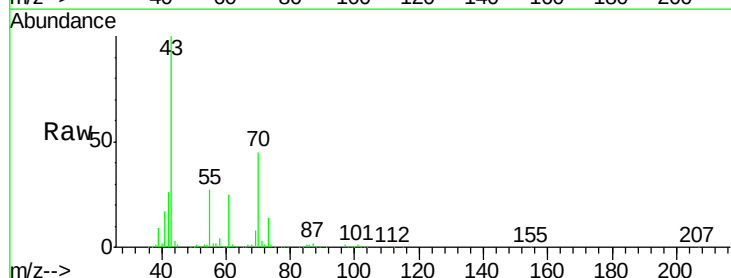
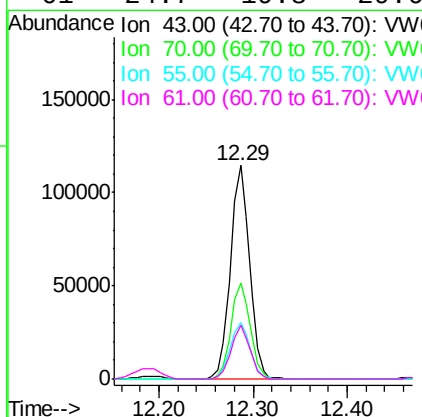
Manual Integrations
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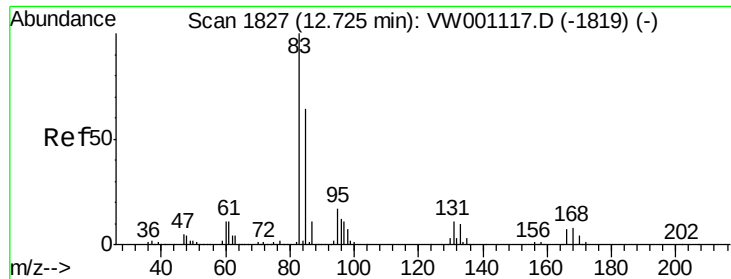
MMDadoda
1/30/2018 5:46:53 PM



#74
N-ethyl acetate
Concen: 50.56 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.0	54.0
55	27.1	21.7	32.5
61	24.7	19.8	29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.56 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

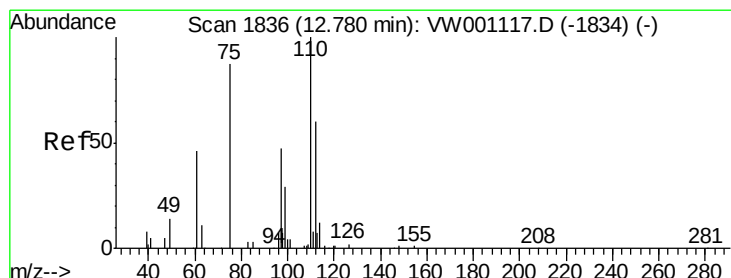
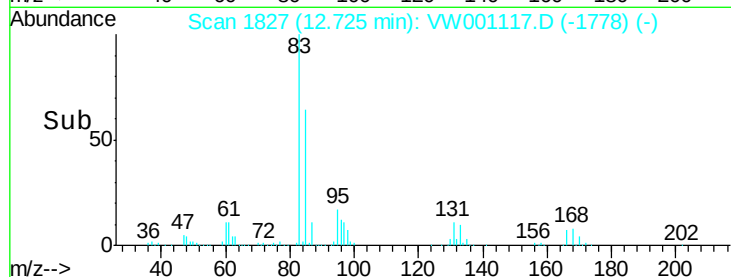
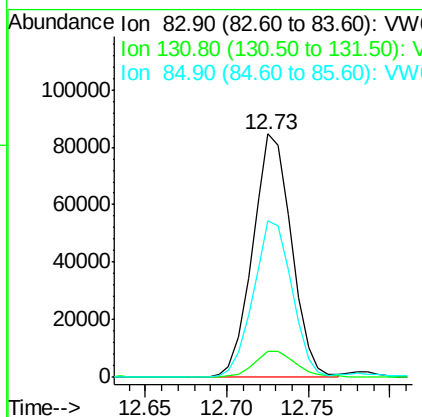
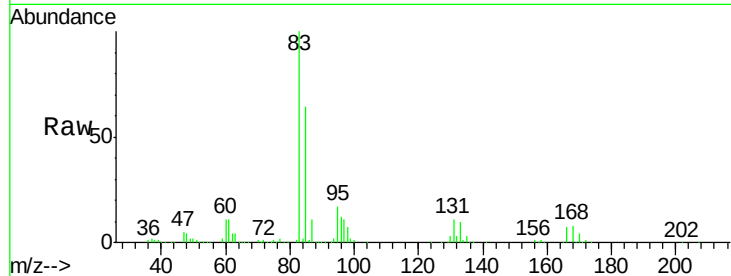
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	139495
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.4
85	64.6	32.3	96.9

Manual Integrations
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1/30/2018 5:46:53 PM



#76

1,2,3-Trichloropropane

Concen: 37.11 ug/l m

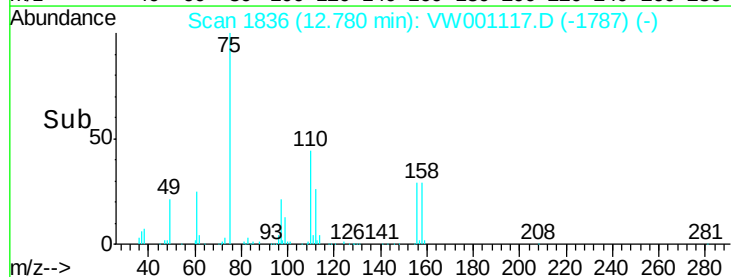
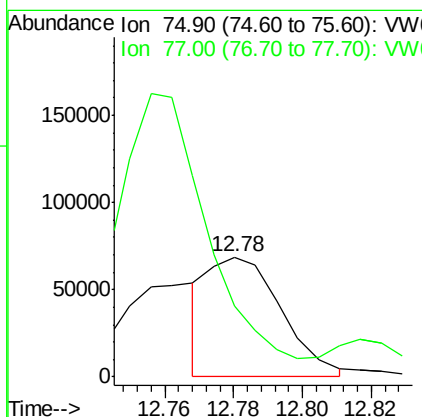
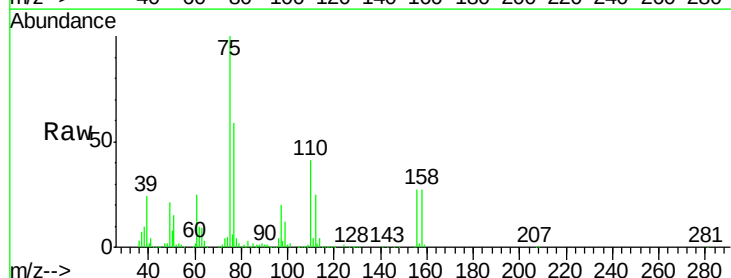
RT: 12.78 min Scan# 1836

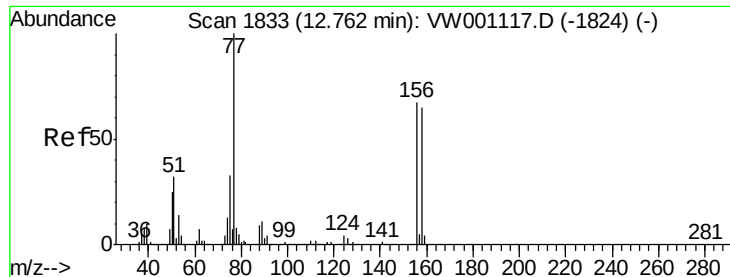
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	75	Resp:	101380
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.16 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

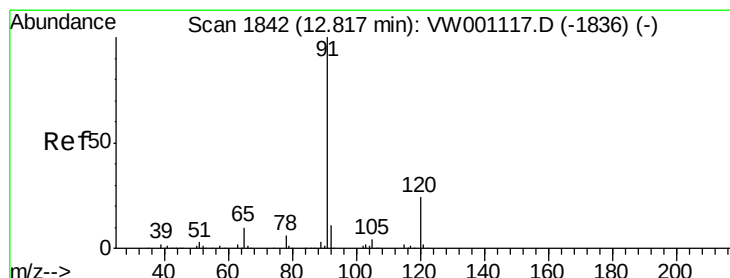
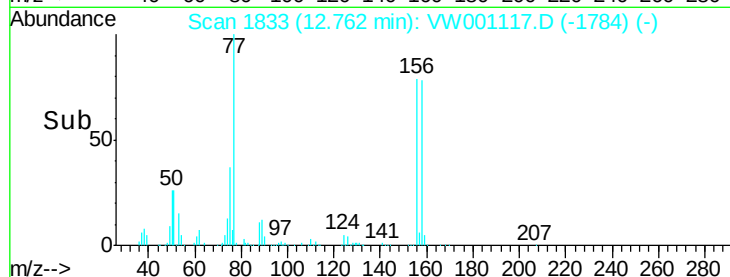
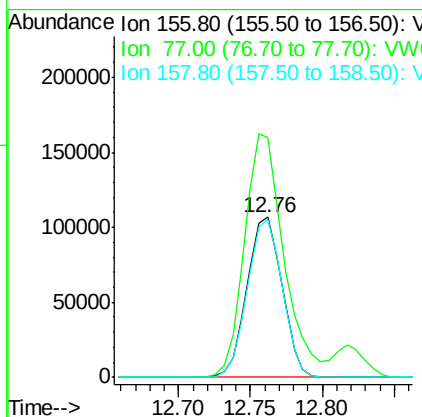
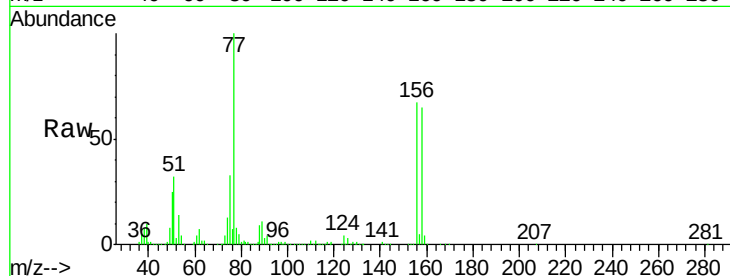
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	179235
Ion Ratio	Lower	Upper	
156	100		
77	170.5	85.3	255.8
158	97.8	48.9	146.7

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#78

n-propylbenzene

Concen: 50.33 ug/l

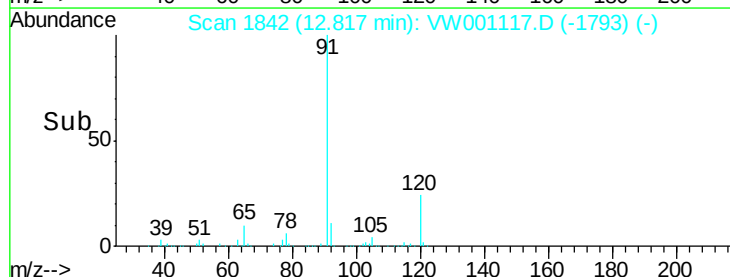
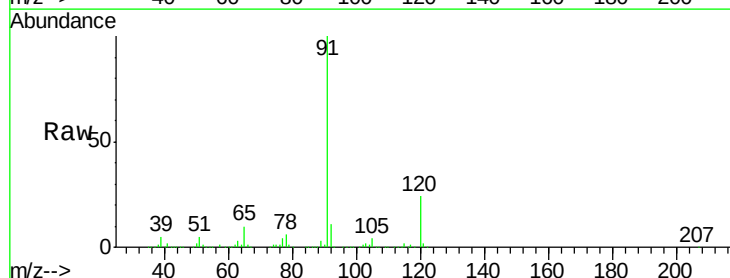
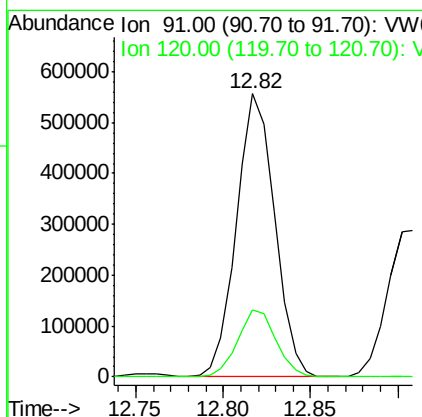
RT: 12.82 min Scan# 1842

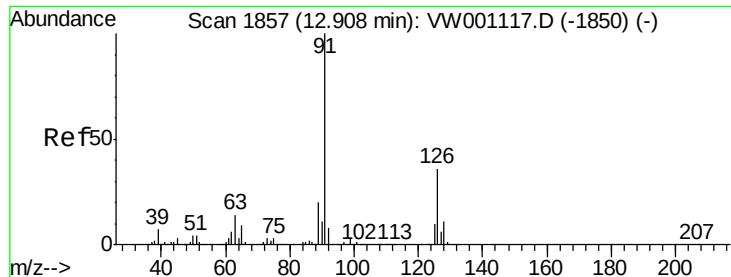
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	91	Resp:	846211
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.7





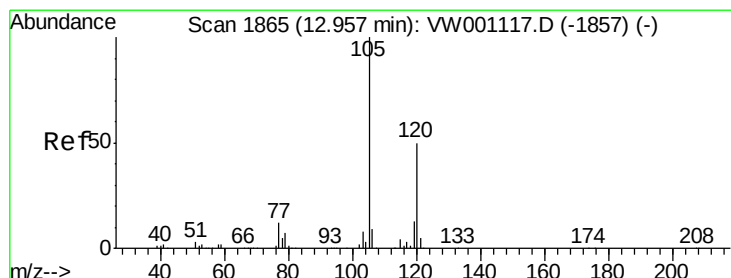
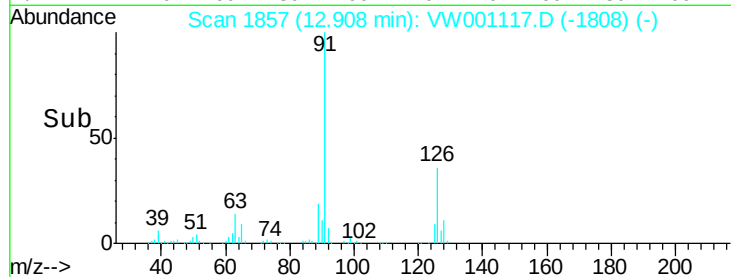
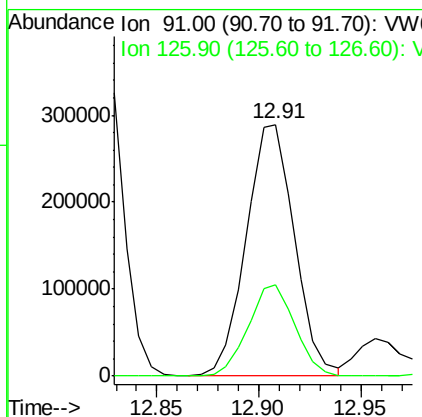
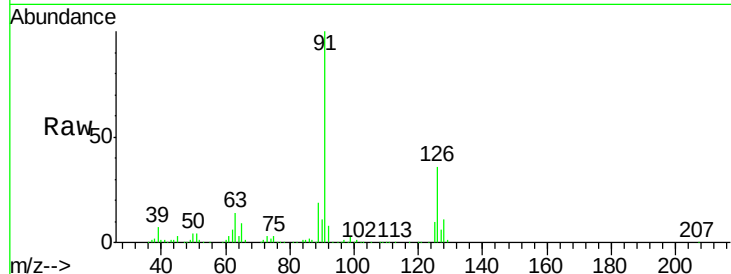
#79
 2-Chlorotoluene
 Concen: 49.56 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 476920
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6

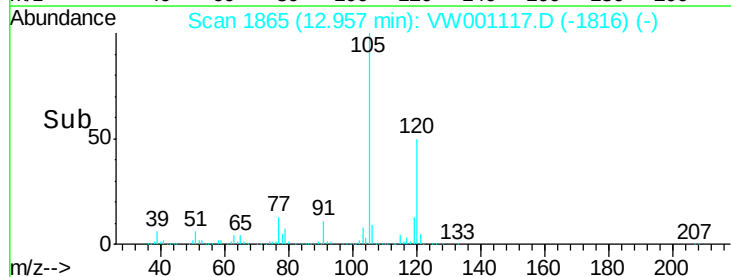
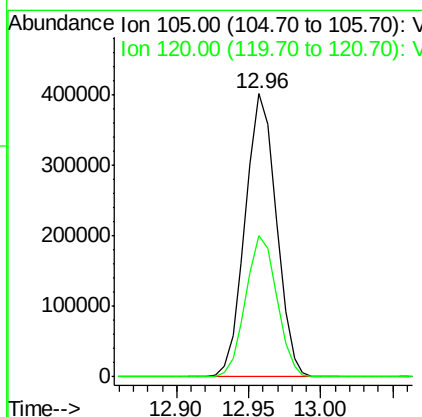
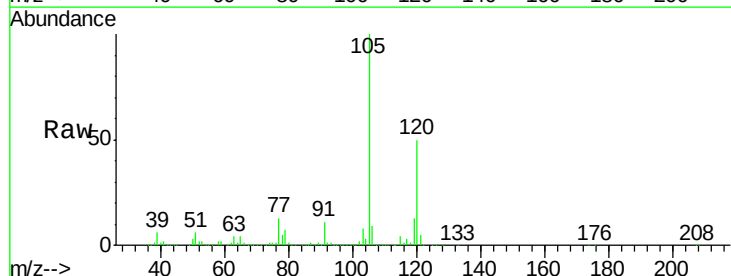
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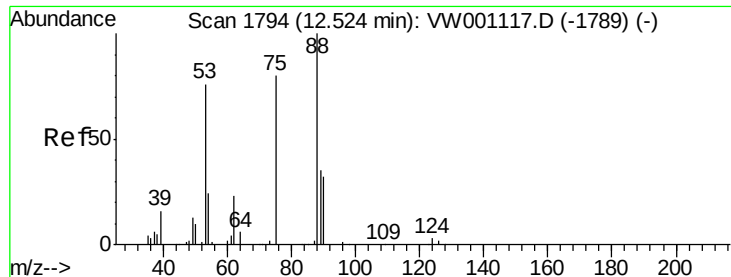
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.22 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion: 105 Resp: 603142
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.19 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

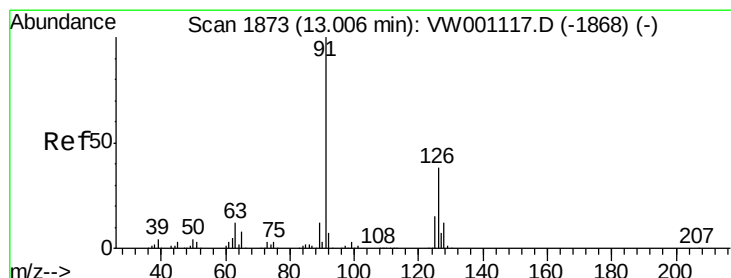
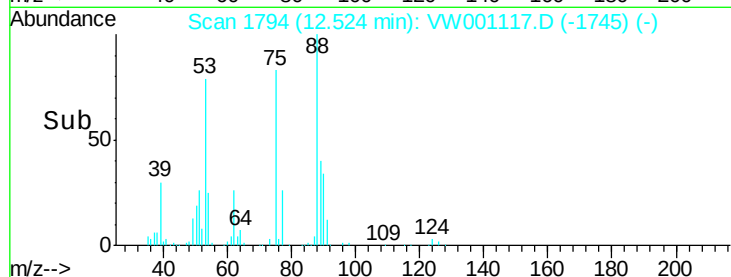
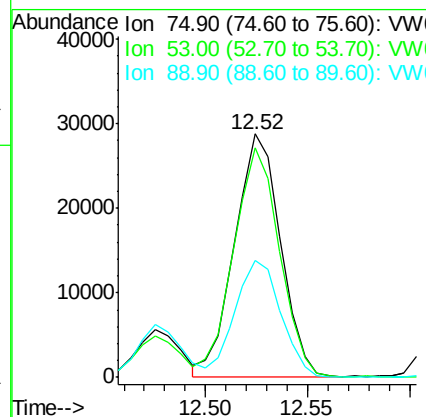
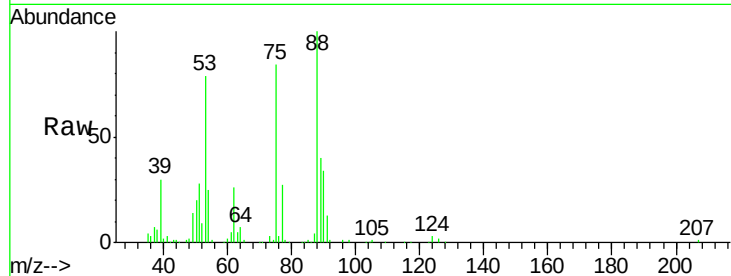
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	45106
Ion	Ratio	Lower	Upper
75	100		
53	93.8	75.0	112.6
89	47.8	38.2	57.4

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#82

4-Chlorotoluene

Concen: 48.86 ug/l

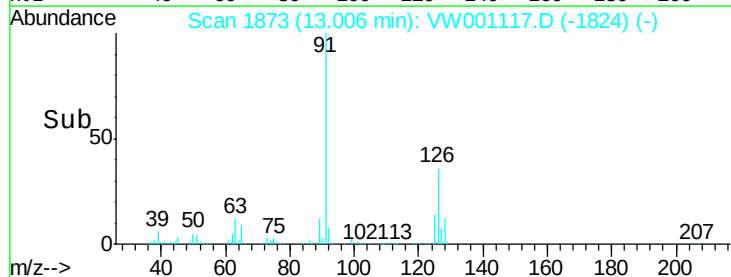
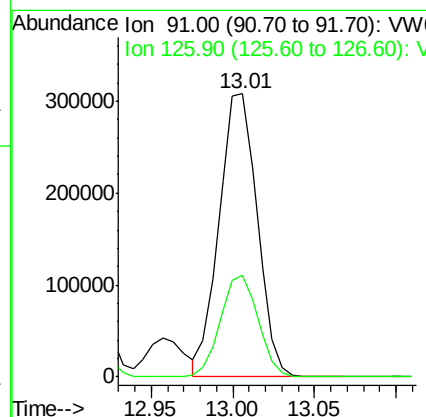
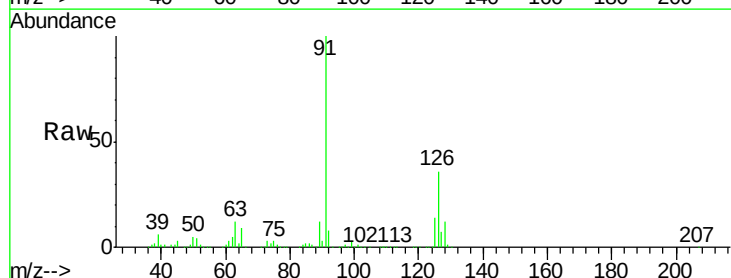
RT: 13.01 min Scan# 1873

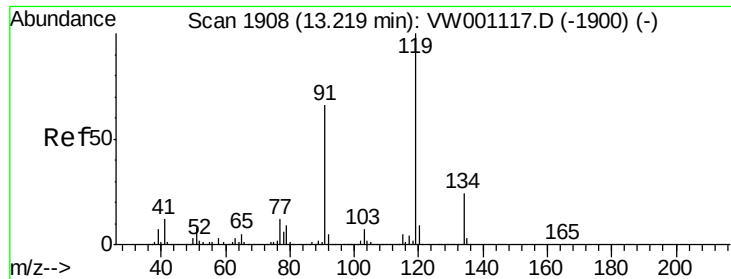
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	91	Resp:	501224
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.8	53.4





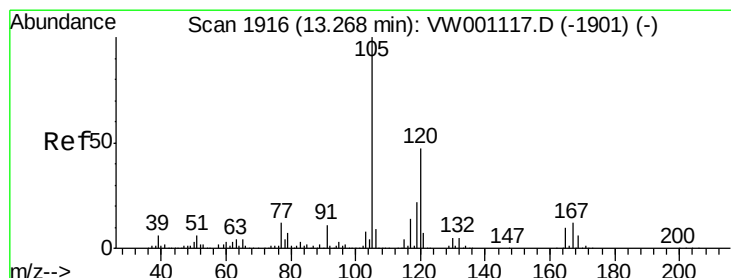
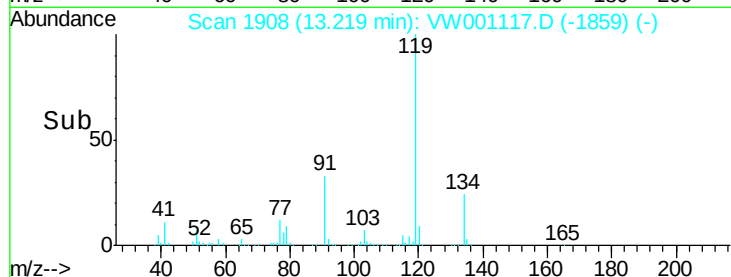
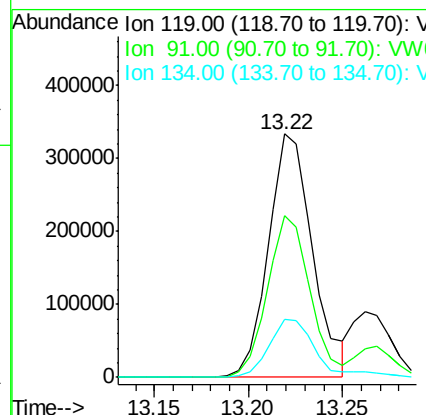
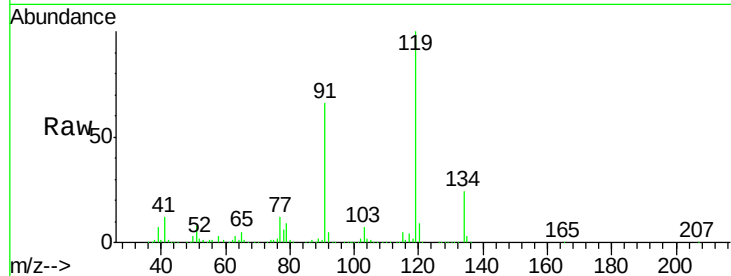
#83
 tert-Butylbenzene
 Concen: 51.02 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.9	95.5
134	25.3	12.7	38.0

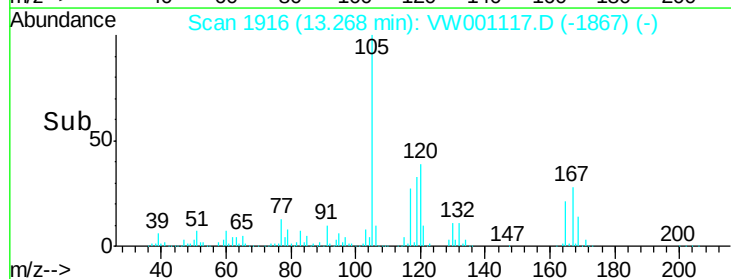
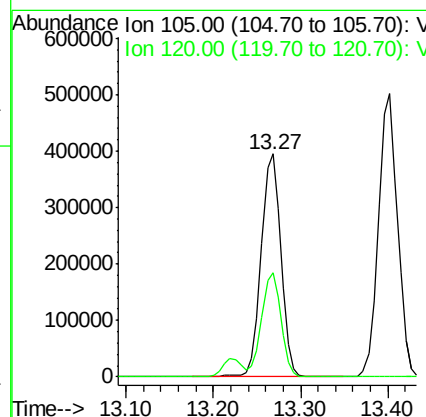
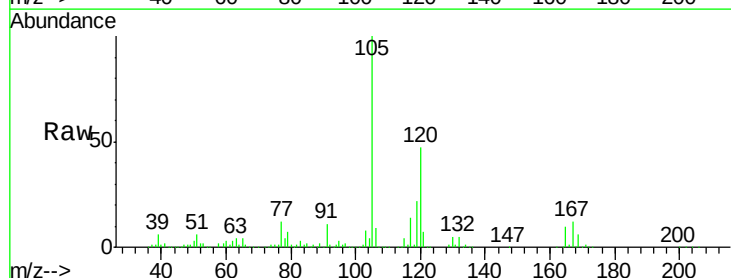
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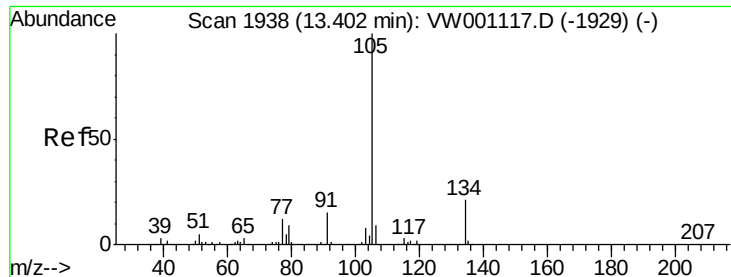
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.65 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.8





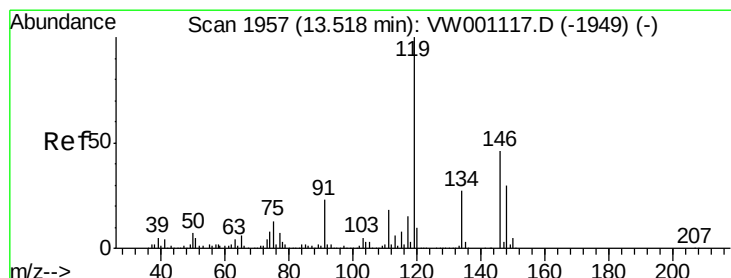
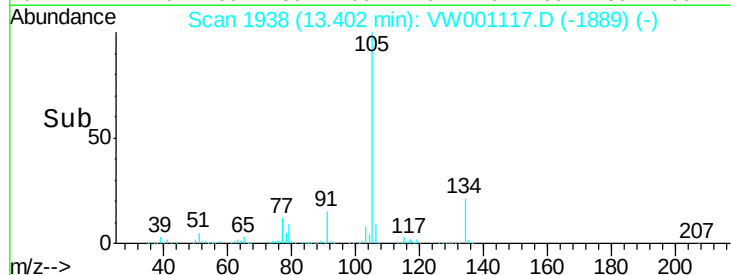
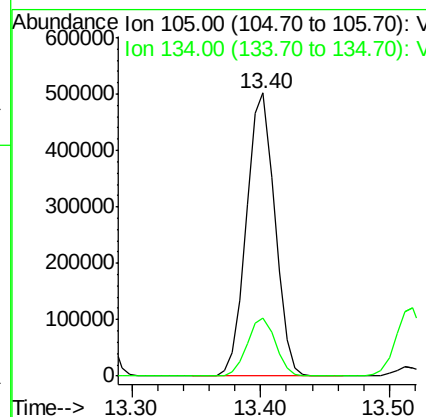
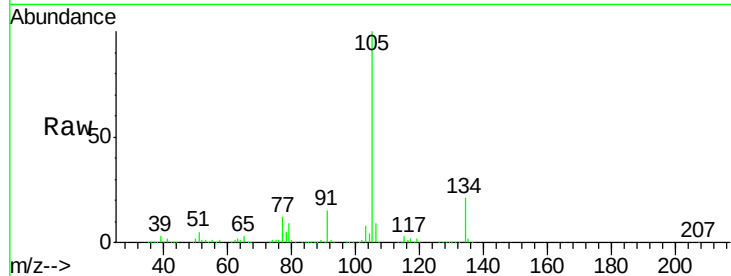
#85
 sec-Butylbenzene
 Concen: 50.73 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.3	30.8

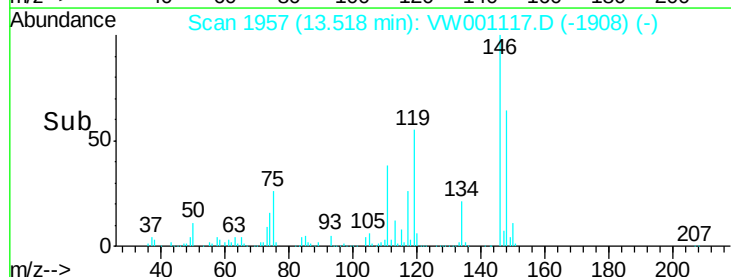
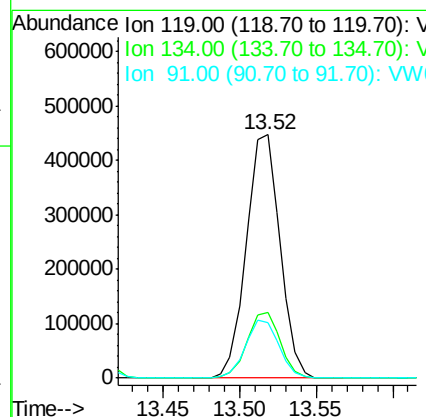
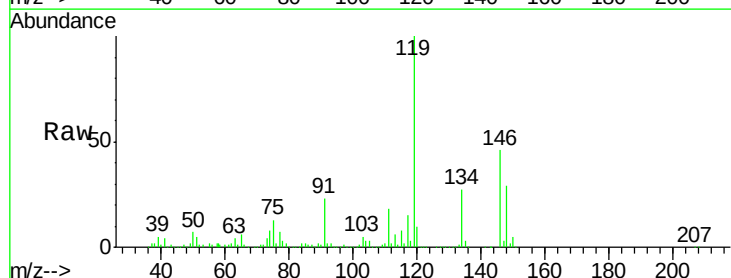
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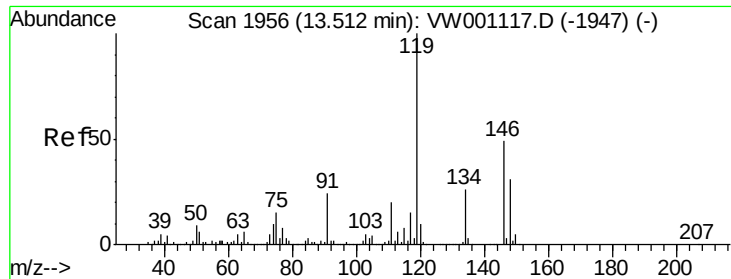
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 51.22 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	23.6	11.8	35.4





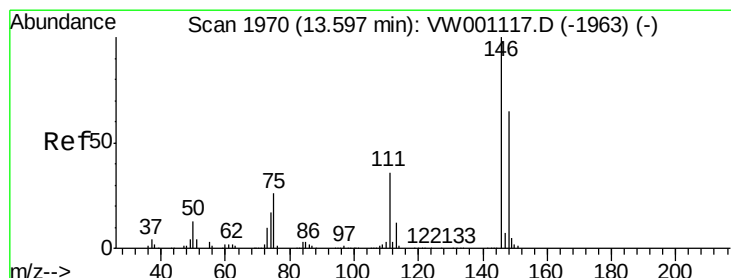
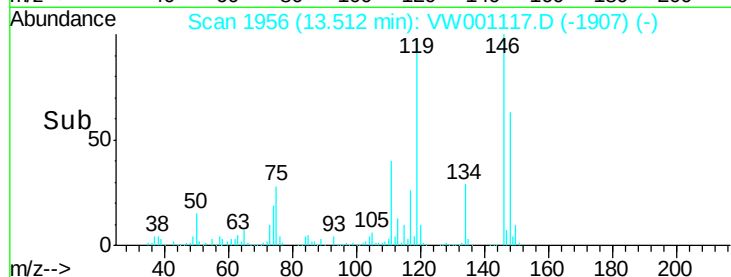
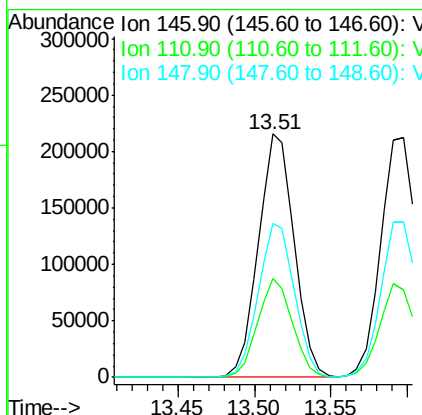
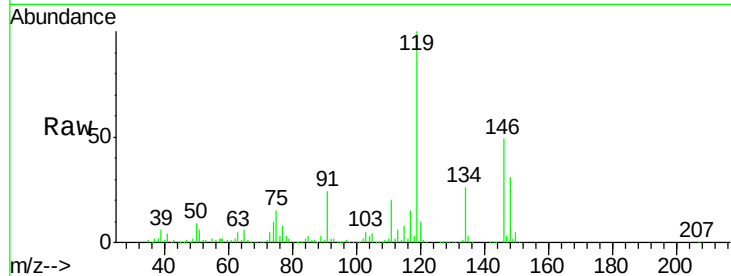
#87
 1,3-Dichlorobenzene
 Concen: 48.84 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	63.7	31.9	95.5

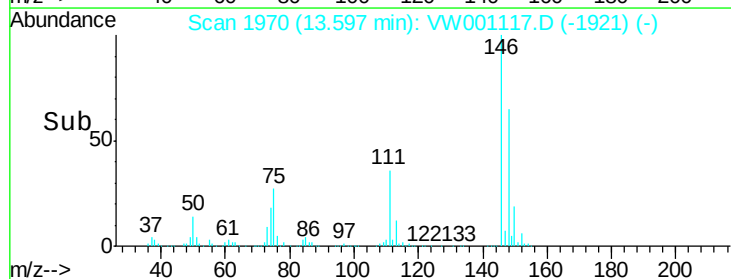
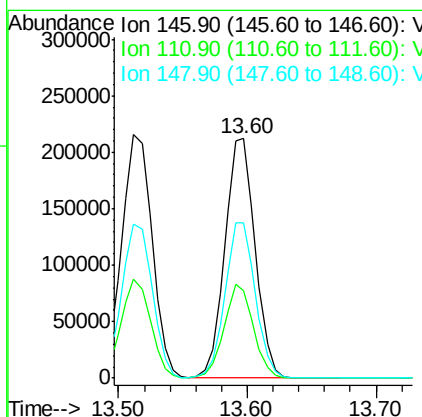
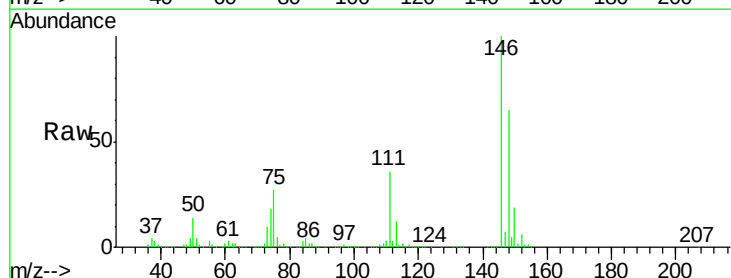
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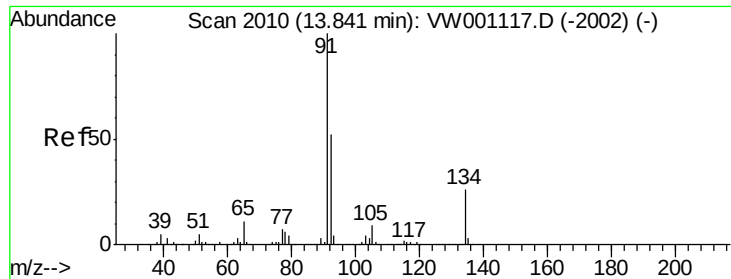
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#88
 1,4-Dichlorobenzene
 Concen: 48.14 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	65.0	32.5	97.5





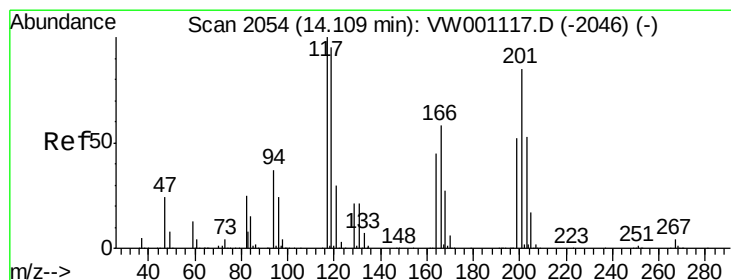
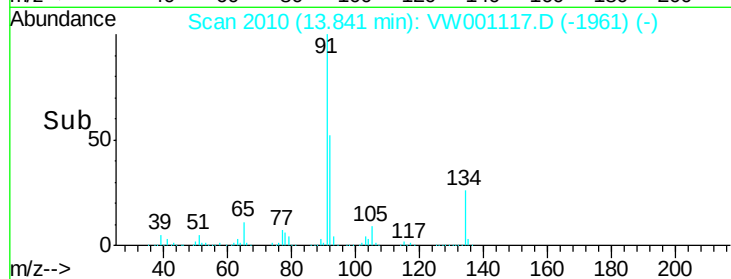
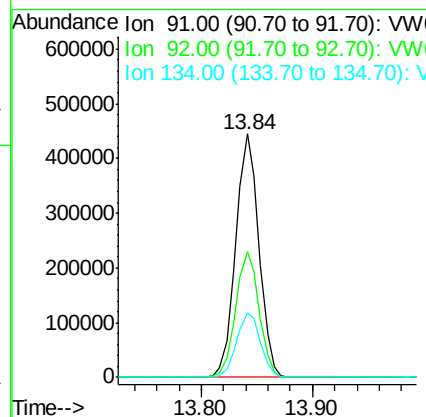
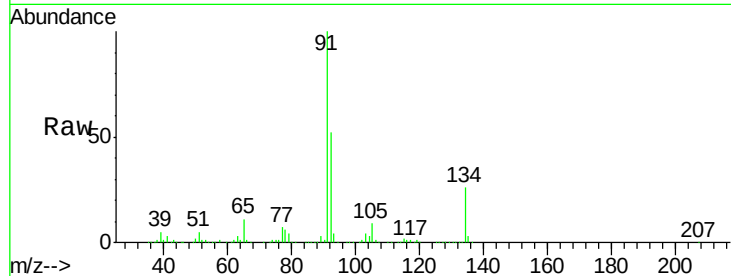
#89
n-Butylbenzene
Concen: 51.46 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	27.2	13.6	40.8

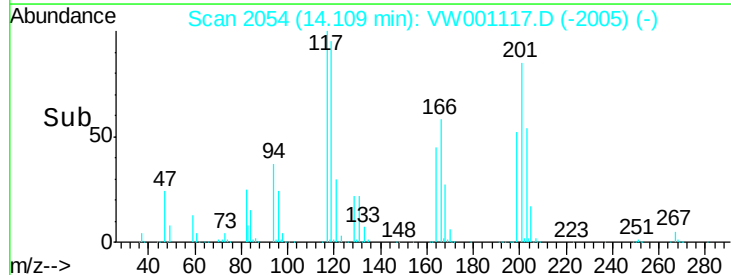
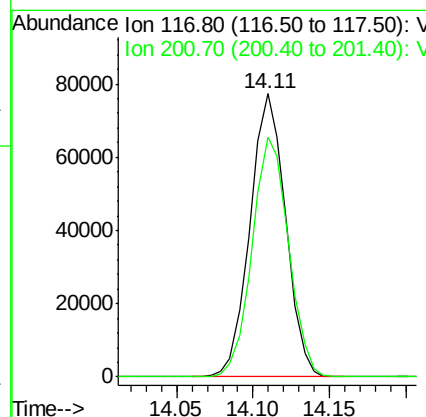
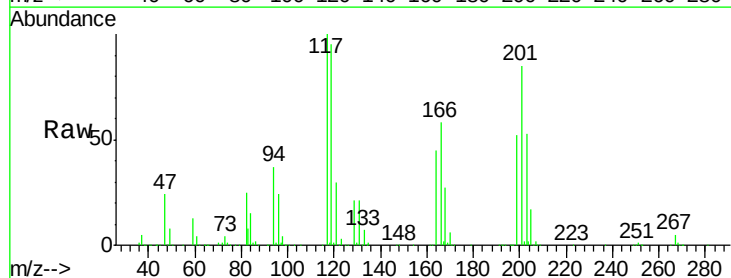
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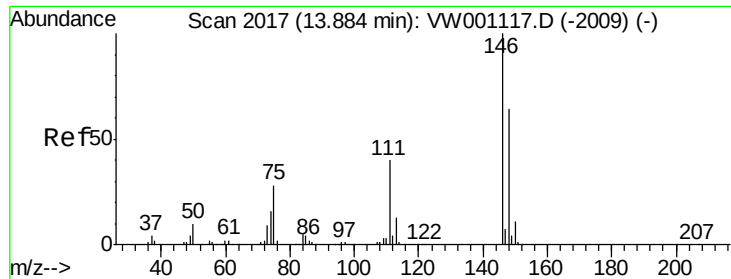
MM Dadoda
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#90
Hexachloroethane
Concen: 50.26 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	43.3	129.8





#91

1,2-Dichlorobenzene

Concen: 48.69 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Instrument :

MSVOA_W

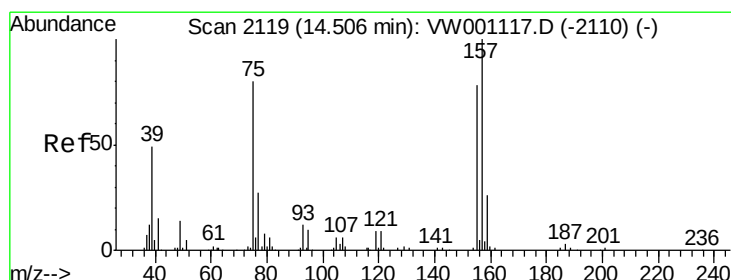
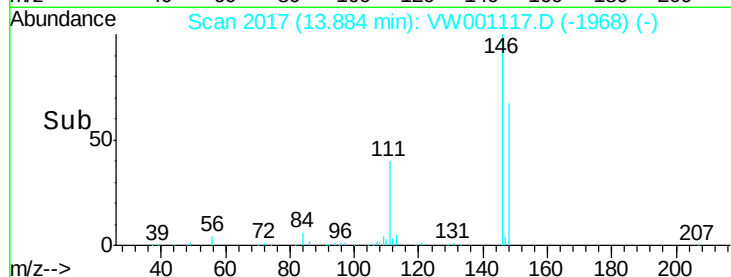
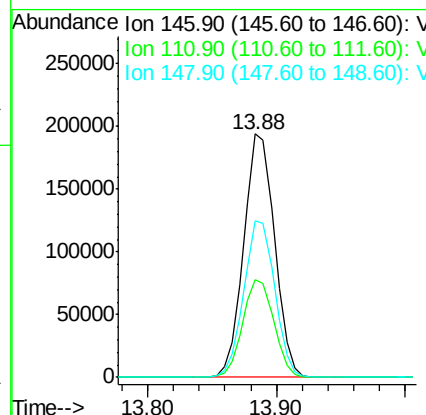
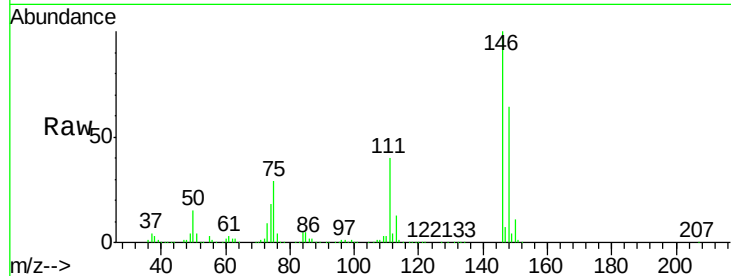
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	320865
Ion Ratio		Lower	Upper
146	100		
111	40.8	20.4	61.2
148	64.4	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.62 ug/l

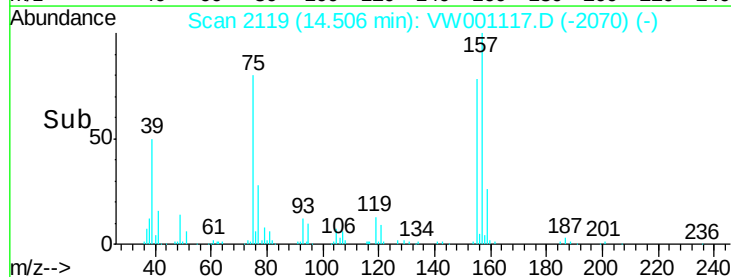
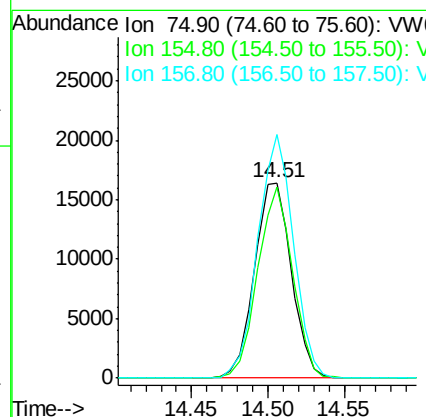
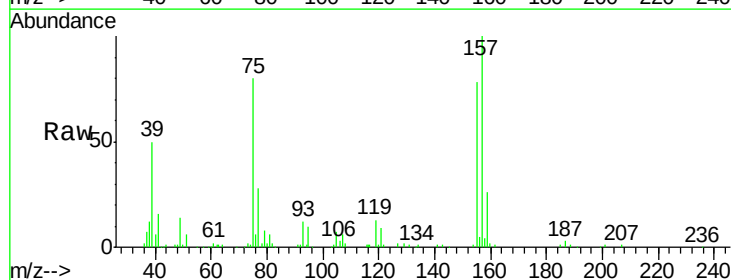
RT: 14.51 min Scan# 2119

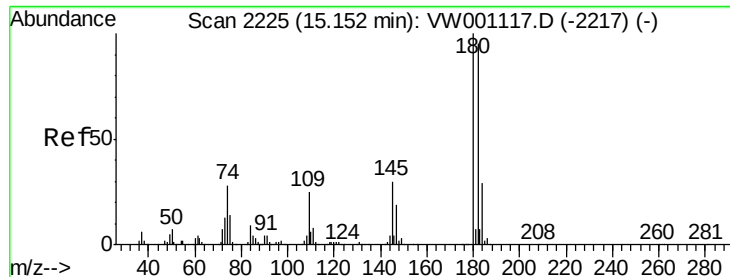
Delta R.T. 0.00 min

Lab File: VW001117.D

Acq: 29 Jan 2018 13:19

Tgt Ion:	75	Resp:	27595
Ion Ratio		Lower	Upper
75	100		
155	92.6	46.3	138.9
157	120.0	60.0	180.0





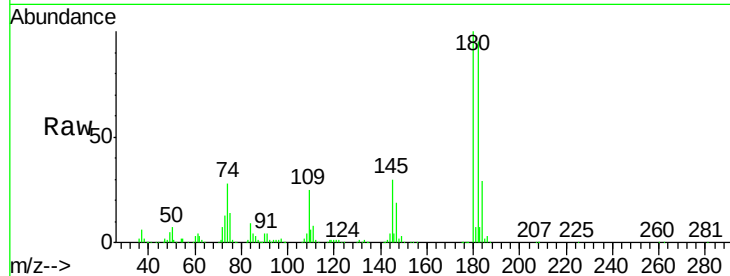
#93
 1,2,4-Trichlorobenzene
 Concen: 50.92 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

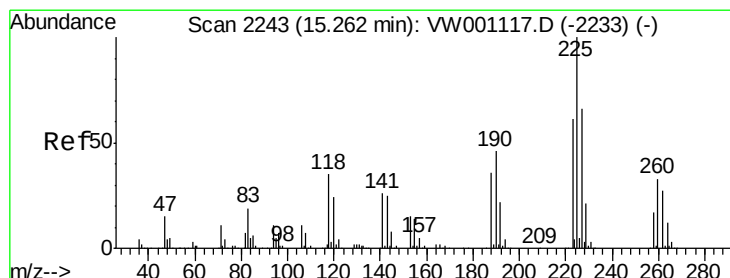
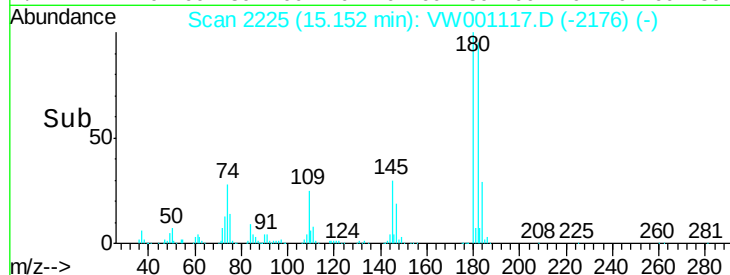
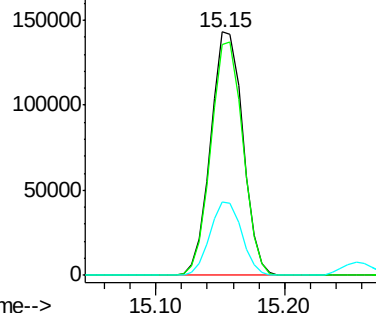
Tot Ion	Ratio	Resp	Lower	Upper
180	100	246873		
182	95.3	47.6	142.9	
145	30.1	15.0	45.1	

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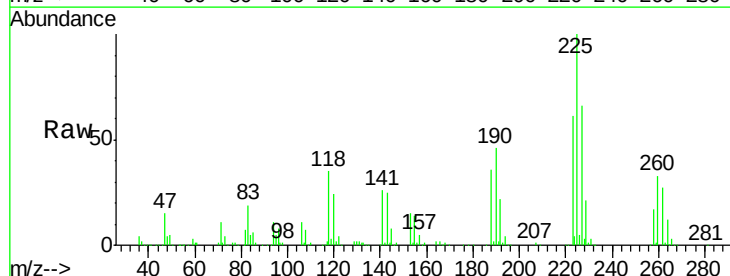


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

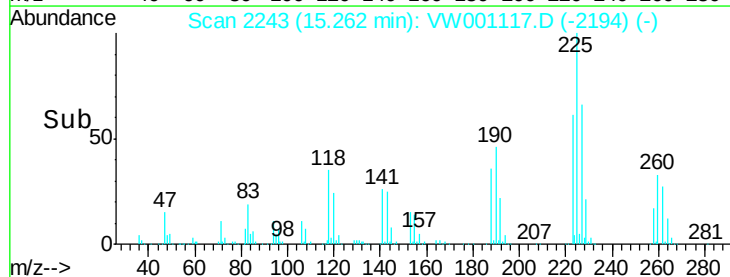
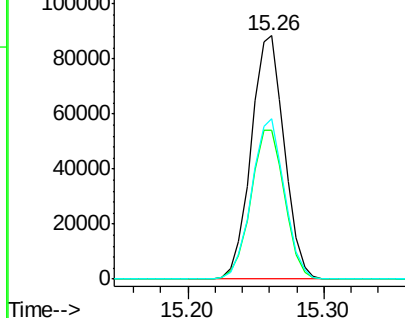


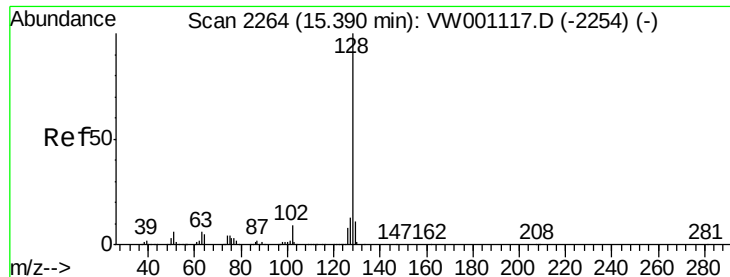
#94
 Hexachlorobutadiene
 Concen: 50.39 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VW001117.D
 Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151080		
223	62.2	31.1	93.3	
227	65.2	32.6	97.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





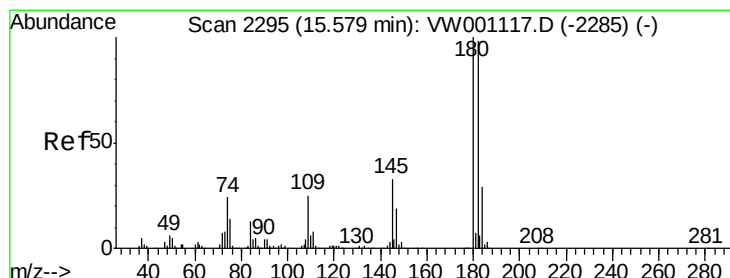
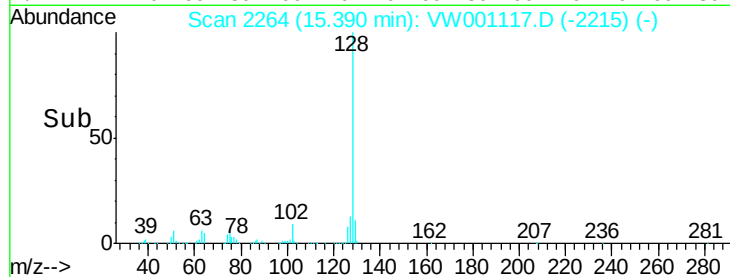
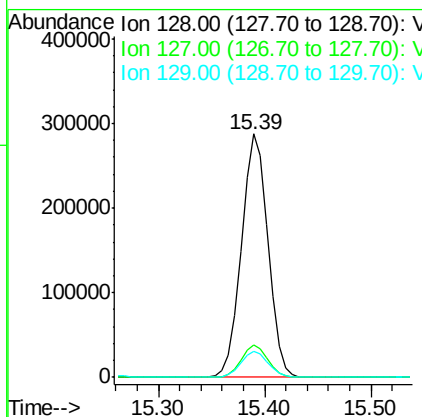
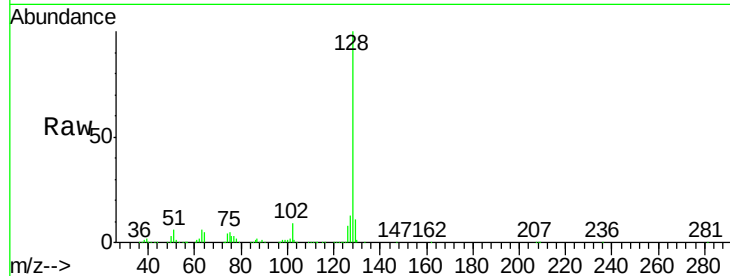
#95
Naphthalene
Concen: 52.50 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/30/2018 5:46:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.40 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VW001117.D
Acq: 29 Jan 2018 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.7	146.1
145	31.9	16.0	47.9

