

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001122.D
 Acq On : 29 Jan 2018 16:33
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:56 PM

Quant Time: Jan 30 02:43:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	348038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188614	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130000	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.88	113	118595	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.33	98	475963	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.63	95	173891	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	114138	48.43	ug/l	99
3) Chloromethane	2.22	50	94903	46.09	ug/l	98
4) Vinyl Chloride	2.36	62	98489	48.05	ug/l	99
5) Bromomethane	2.75	94	70311	58.45	ug/l	96
6) Chloroethane	2.91	64	57461	49.40	ug/l	96
7) Trichlorofluoromethane	3.26	101	182537	47.92	ug/l	99
8) Diethyl Ether	3.68	74	46530	46.94	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	114394	45.15	ug/l	99
10) Methyl Iodide	4.26	142	132073	49.36	ug/l	99
11) Tert butyl alcohol	5.18	59	56033	257.92	ug/l	97
12) 1,1-Dichloroethene	4.03	96	96952	43.80	ug/l	98
13) Acrolein	3.89	56	70394	201.75	ug/l	99
14) Allyl chloride	4.66	41	159900	48.35	ug/l	99
15) Acrylonitrile	5.37	53	167475	248.88	ug/l	100
16) Acetone	4.13	43	184836	259.98	ug/l	99
17) Carbon Disulfide	4.37	76	330391	48.06	ug/l	99
18) Methyl Acetate	4.68	43	80304	48.26	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	275333	48.06	ug/l	99
20) Methylene Chloride	4.91	84	112978	47.95	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	117763	47.64	ug/l	100
22) Diisopropyl ether	6.32	45	305160	48.16	ug/l	99
23) Vinyl Acetate	6.26	43	912651	240.43	ug/l	100
24) 1,1-Dichloroethane	6.21	63	194057	46.94	ug/l	98
25) 2-Butanone	7.18	43	239185	256.31	ug/l	98
26) 2,2-Dichloropropane	7.17	77	190732	46.64	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	123209	46.73	ug/l	99
28) Bromochloromethane	7.51	49	80685	48.01	ug/l	98
29) Tetrahydrofuran	7.53	42	136447	256.03	ug/l	100
30) Chloroform	7.68	83	207262	46.26	ug/l	97
31) Cyclohexane	7.95	56	184850	46.07	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	200239	47.24	ug/l	100
36) 1,1-Dichloropropene	8.08	75	167259	48.89	ug/l	99
37) Ethyl Acetate	7.26	43	87346	48.28	ug/l	99
38) Carbon Tetrachloride	8.07	117	185417	48.52	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	201911	49.98	ug/l	97
40) Benzene	8.32	78	453560	47.88	ug/l	99
41) Methacrylonitrile	7.49	41	54637	54.45	ug/l	97
42) 1,2-Dichloroethane	8.40	62	142537	47.85	ug/l	99
43) Isopropyl Acetate	8.43	43	155644	50.02	ug/l	99
44) Trichloroethene	9.10	130	136044	47.83	ug/l	93
45) 1,2-Dichloropropane	9.37	63	109219	47.88	ug/l	99
46) Dibromomethane	9.46	93	68291	47.87	ug/l	100
47) Bromodichloromethane	9.65	83	154902	47.99	ug/l	100
48) Methyl methacrylate	9.45	41	75835	50.99	ug/l	99
49) 1,4-Dioxane	9.45	88	26878	1057.37	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	443509	260.83	ug/l	100
52) Toluene	10.40	92	295830	48.63	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	157445	48.35	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	175196	48.19	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	97435	47.91	ug/l	99
56) Ethyl methacrylate	10.65	69	120733	50.64	ug/l	99
57) 1,3-Dichloropropane	10.94	76	157782	47.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	397794	250.94	ug/l	100
59) 2-Hexanone	10.98	43	343410	266.96	ug/l	100
60) Dibromochloromethane	11.14	129	118300	47.74	ug/l	100
61) 1,2-Dibromoethane	11.24	107	98396	47.98	ug/l	100
64) Tetrachloroethene	10.87	164	128486	45.91	ug/l	97
65) Chlorobenzene	11.67	112	335059	47.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	122025	47.60	ug/l	99
67) Ethyl Benzene	11.74	91	575325	49.10	ug/l	99
68) m/p-Xylenes	11.85	106	450556	98.69	ug/l	99
69) o-Xylene	12.18	106	208729	49.58	ug/l	99
70) Styrene	12.19	104	345041	49.87	ug/l	100
71) Bromoform	12.36	173	82054	49.54	ug/l #	98
73) Isopropylbenzene	12.48	105	583651	49.40	ug/l	99
74) N-amyl acetate	12.29	43	139557	51.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	119831	49.59	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	89720m	46.93	ug/l	
77) Bromobenzene	12.76	156	148445	48.40	ug/l	97
78) n-propylbenzene	12.82	91	700780	49.55	ug/l	100
79) 2-Chlorotoluene	12.91	91	395679	48.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	499432	49.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34296	47.17	ug/l	98
82) 4-Chlorotoluene	13.01	91	415602	48.16	ug/l	100
83) tert-Butylbenzene	13.23	119	441718	49.48	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	512025	49.80	ug/l	99
85) sec-Butylbenzene	13.40	105	621719	49.24	ug/l	100
86) p-Isopropyltoluene	13.52	119	559851	49.86	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	287588	47.49	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	286702	47.12	ug/l	99
89) n-Butylbenzene	13.84	91	521418	49.85	ug/l	100
90) Hexachloroethane	14.11	117	100387	47.95	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	263921	47.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25164	51.62	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	199778	48.98	ug/l	99
94) Hexachlorobutadiene	15.26	225	121462	48.16	ug/l	99
95) Naphthalene	15.39	128	422847	52.54	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	185462	49.31	ug/l	98

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

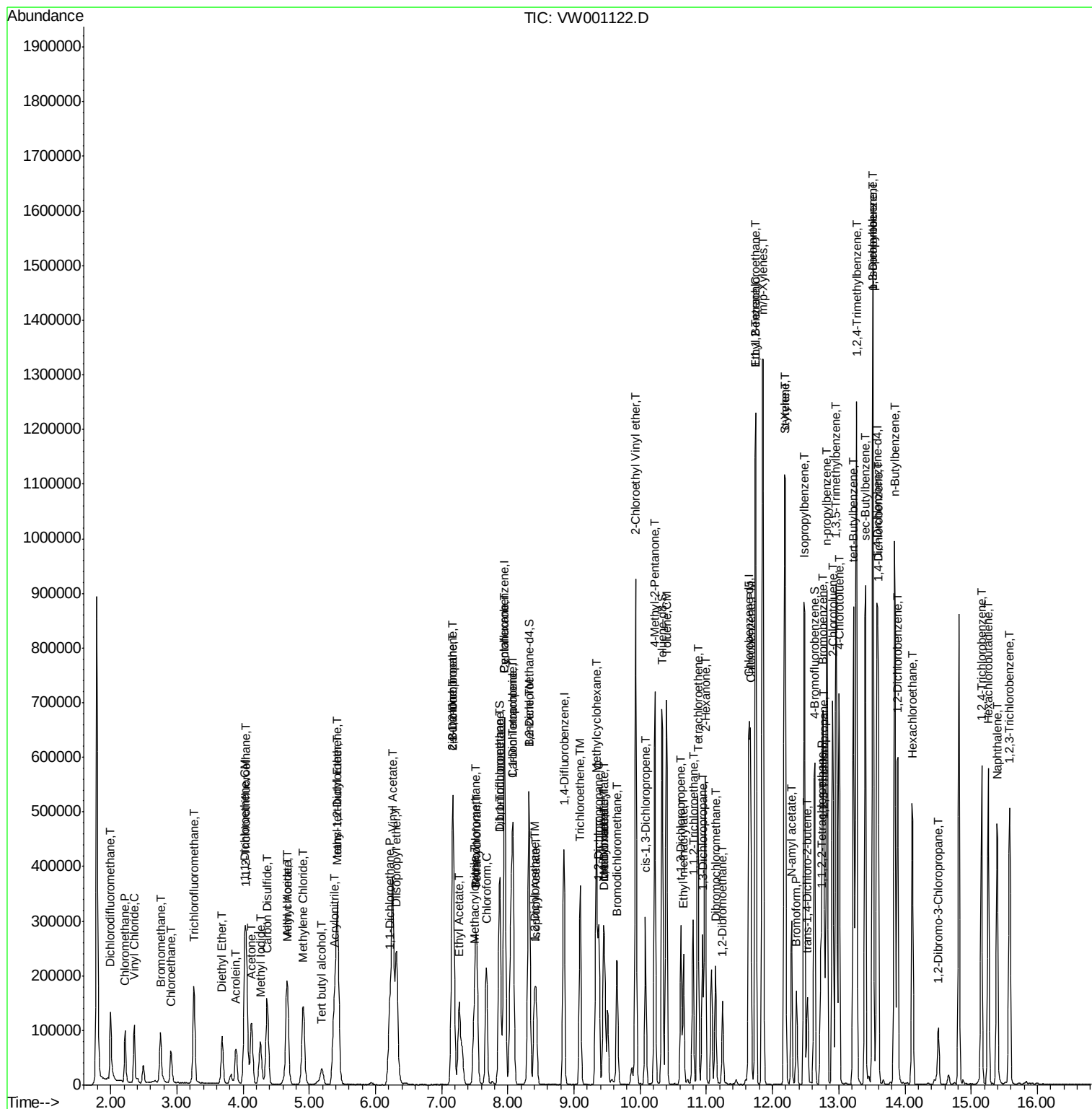
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
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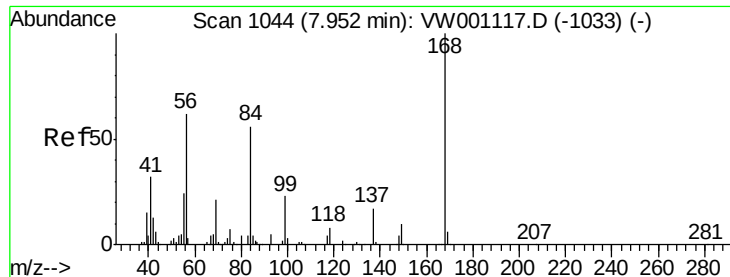
Instrument :
 MSVOA_W
 Client Sampled :
 VSTDCCC050

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 278127

Ion Ratio Lower Upper

168 100

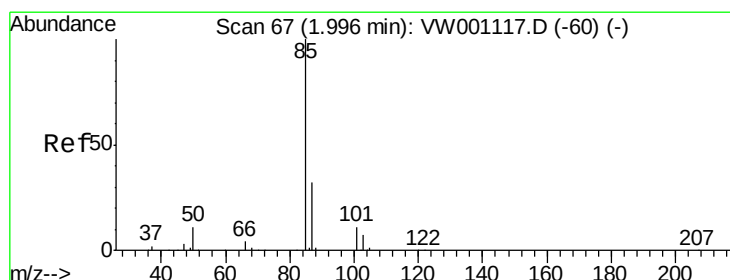
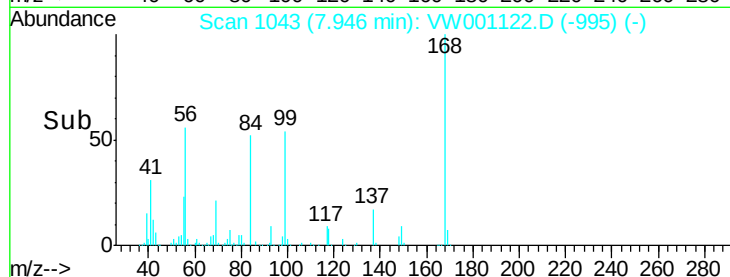
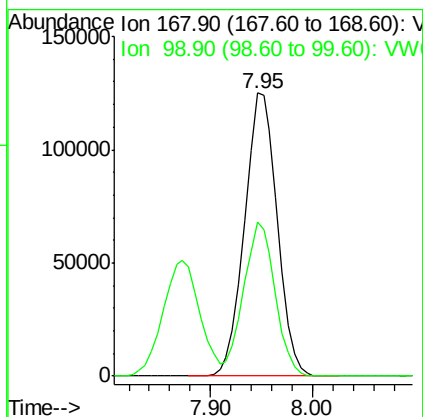
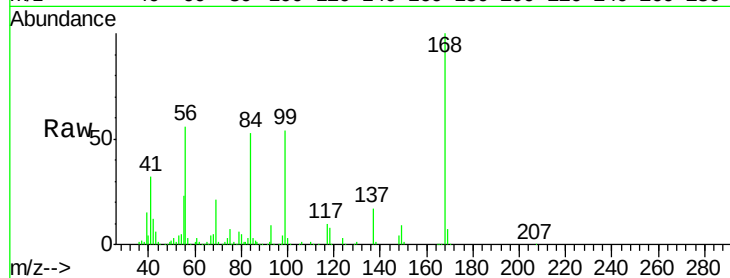
99 54.3 42.4 63.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.43 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VW001122.D

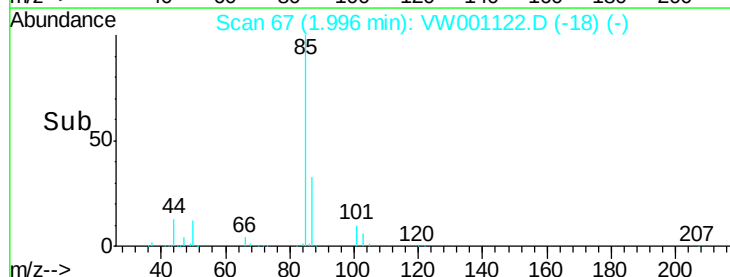
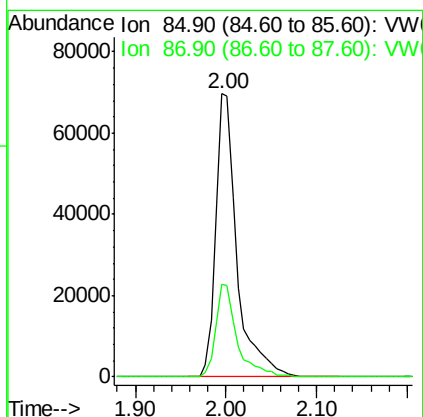
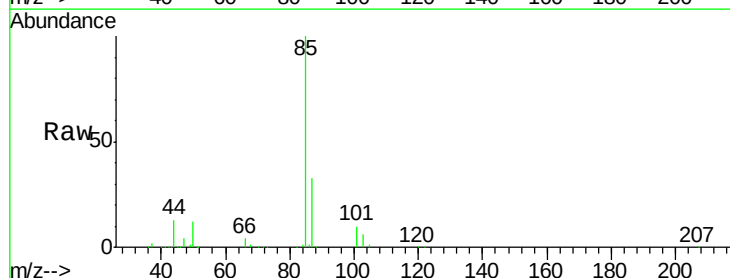
Acq: 29 Jan 2018 16:33

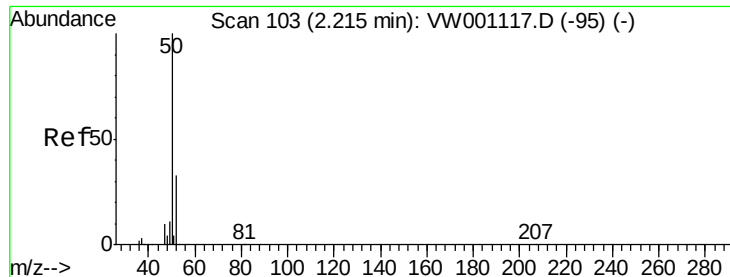
Tgt Ion: 85 Resp: 114138

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5





#3

Chloromethane

Concen: 46.09 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 94903

Ion Ratio Lower Upper

50 100

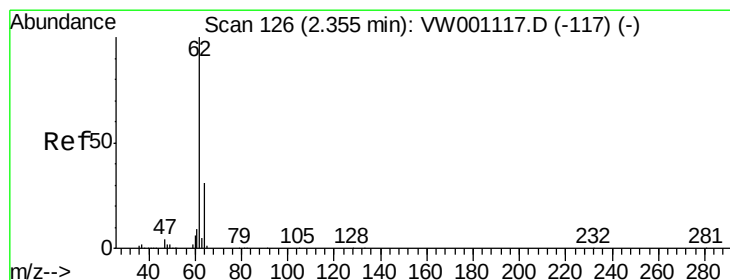
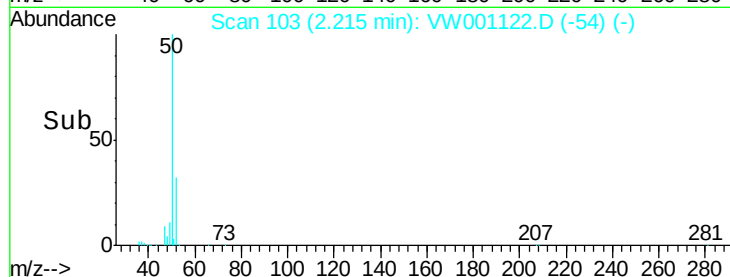
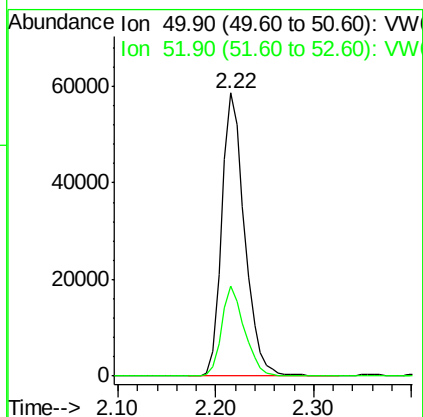
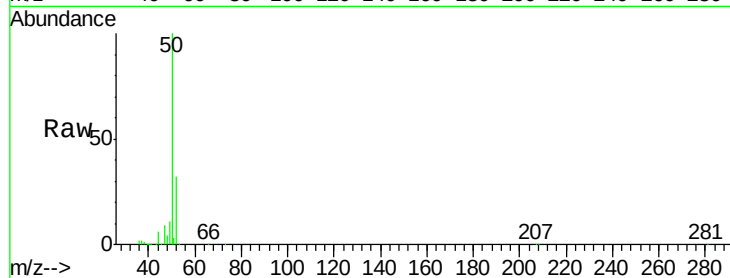
52 31.7 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.05 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW001122.D

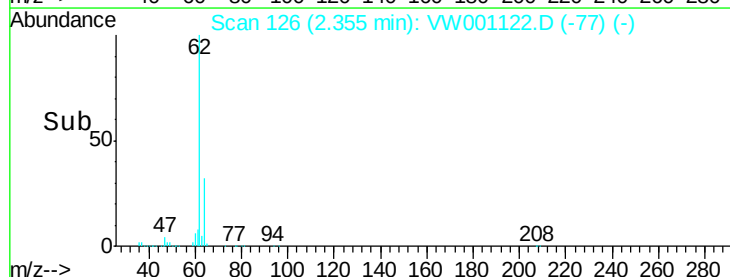
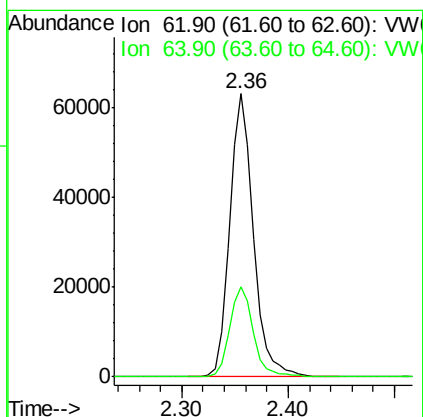
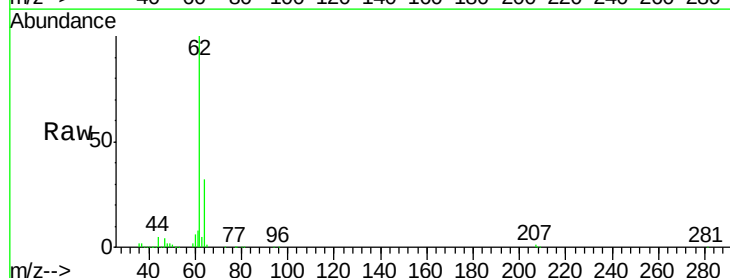
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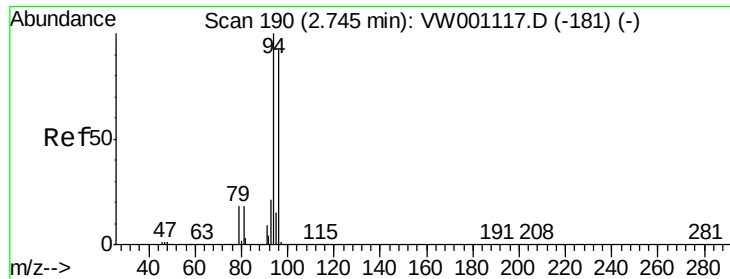
Tgt Ion: 62 Resp: 98489

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 58.45 ug/l

RT: 2.75 min Scan# 191

Delta R.T. 0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 70311

Ion Ratio Lower Upper

94 100

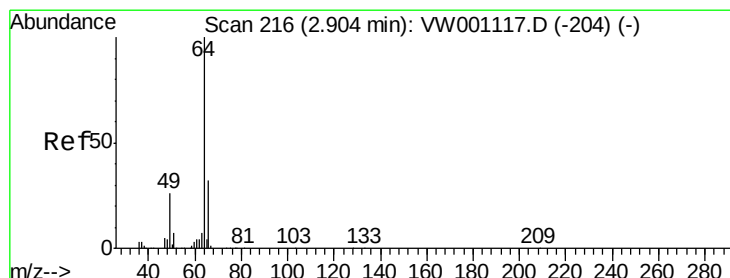
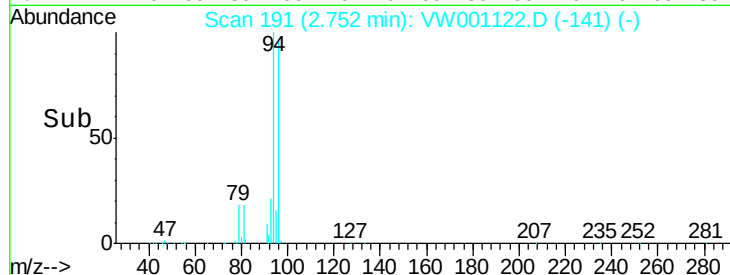
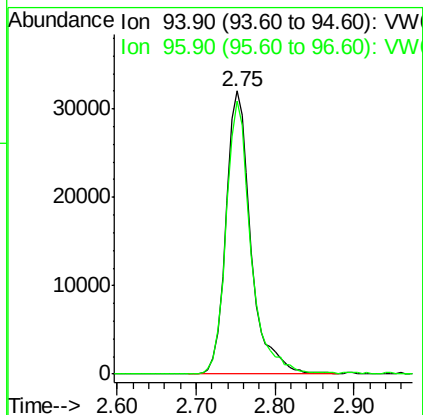
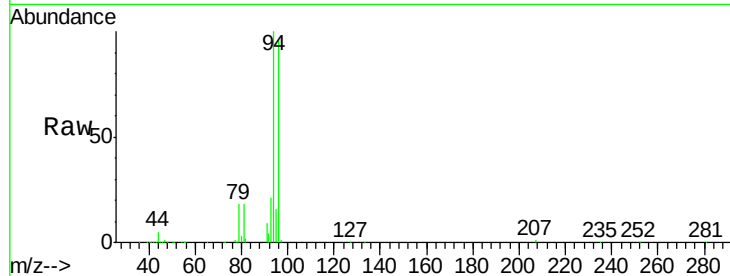
96 96.3 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 49.40 ug/l

RT: 2.91 min Scan# 217

Delta R.T. 0.01 min

Lab File: VW001122.D

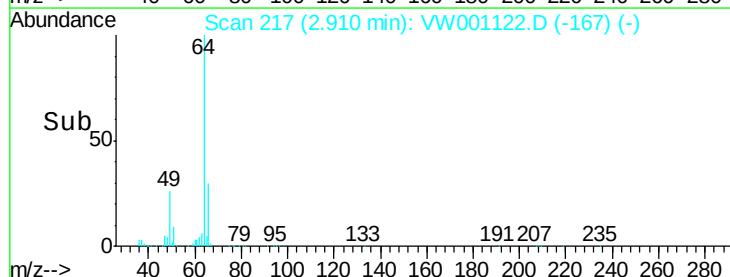
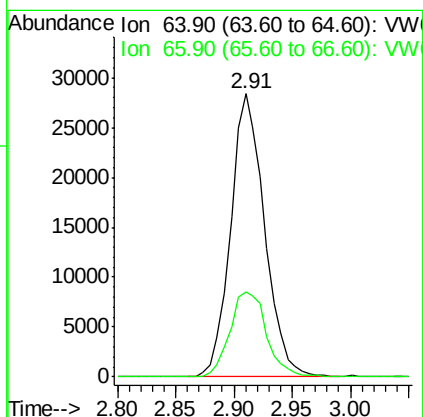
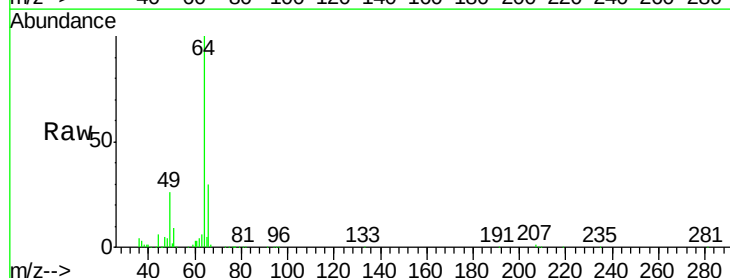
Acq: 29 Jan 2018 16:33

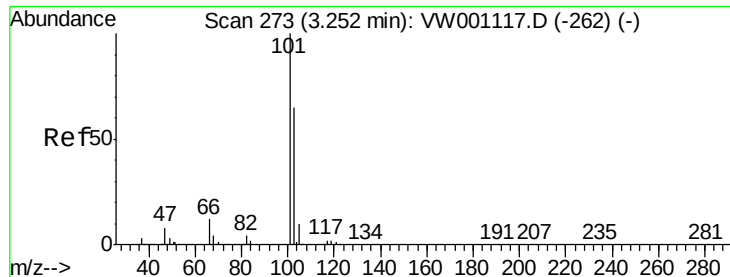
Tgt Ion: 64 Resp: 57461

Ion Ratio Lower Upper

64 100

66 29.8 25.8 38.8





#7

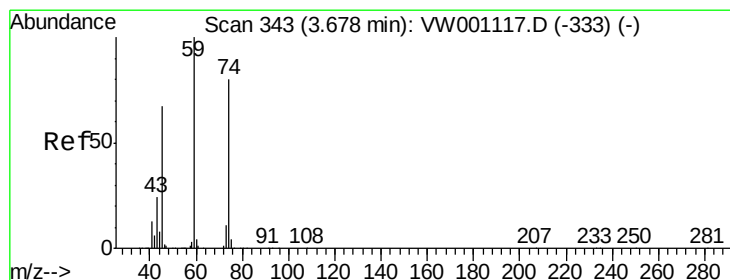
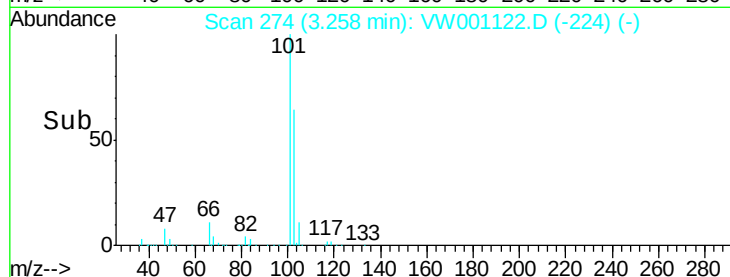
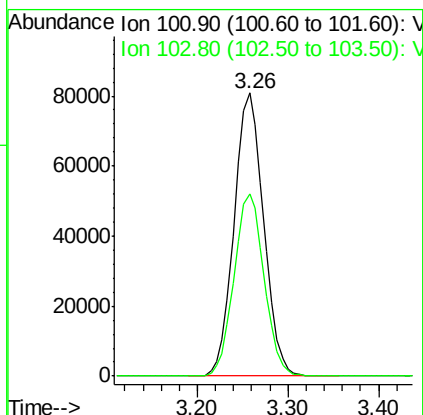
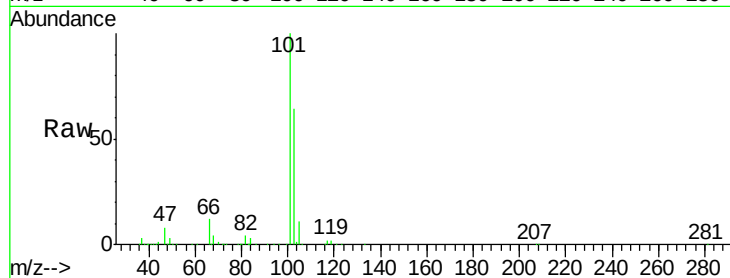
Trichlorofluoromethane
 Concen: 47.92 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.9	77.9

Manual Integrations
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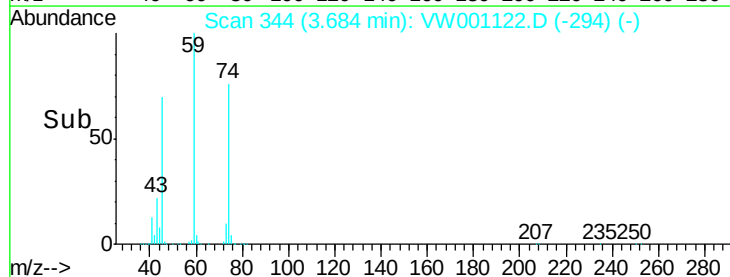
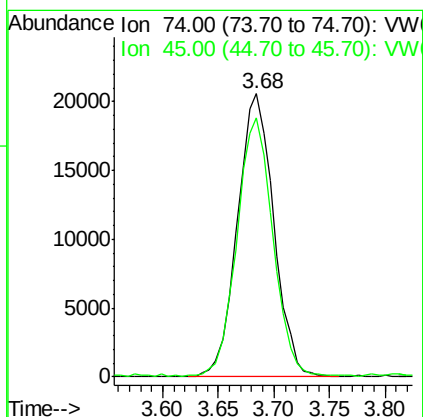
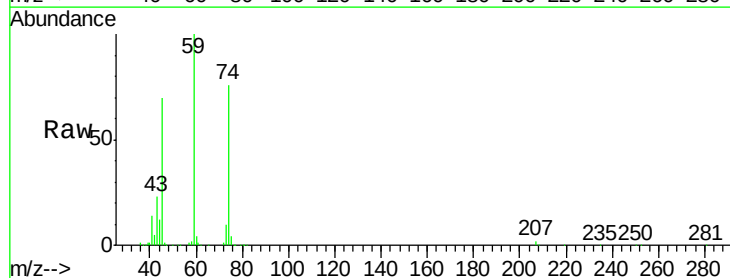
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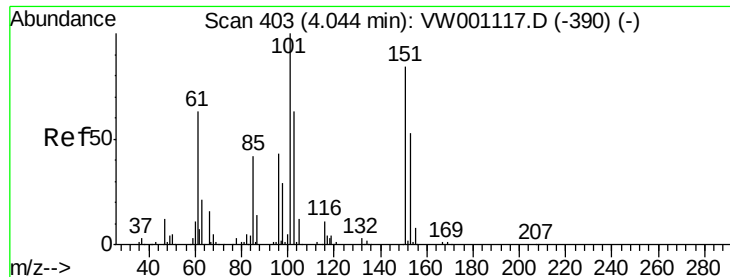


#8

Diethyl Ether
 Concen: 46.94 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. 0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	46.7	140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.15 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.01 min

Lab File: VW001122.D

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Instrument :

MSVOA_W

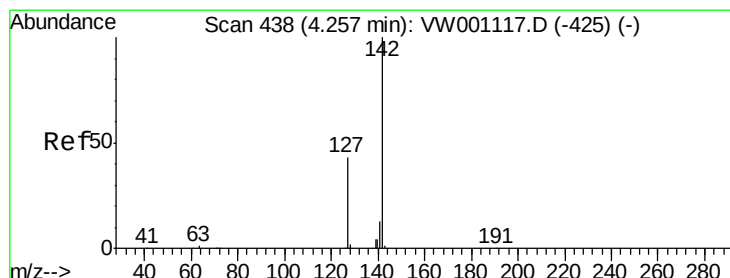
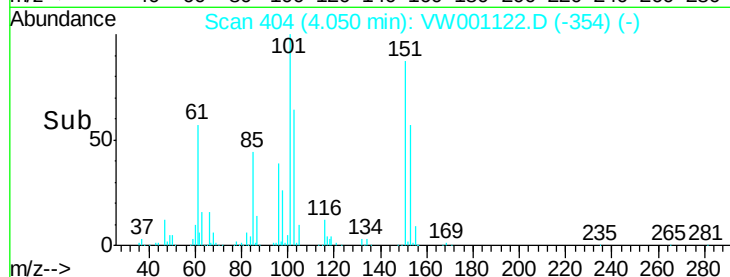
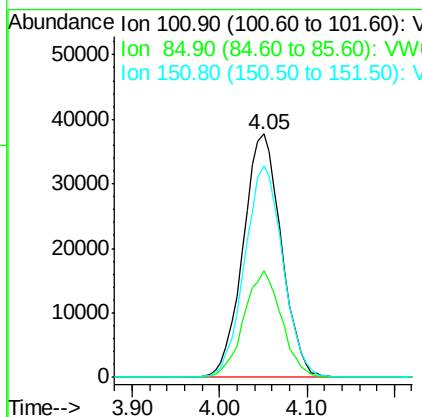
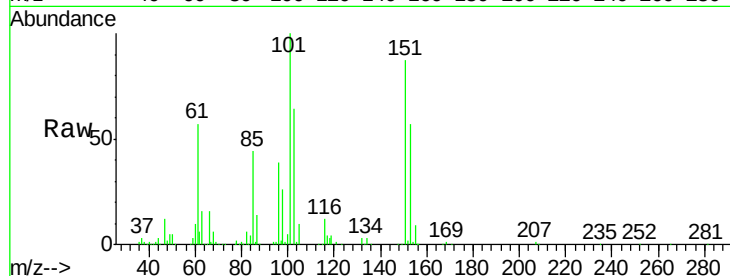
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	114394
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.9	52.3
151	86.9	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 49.36 ug/l

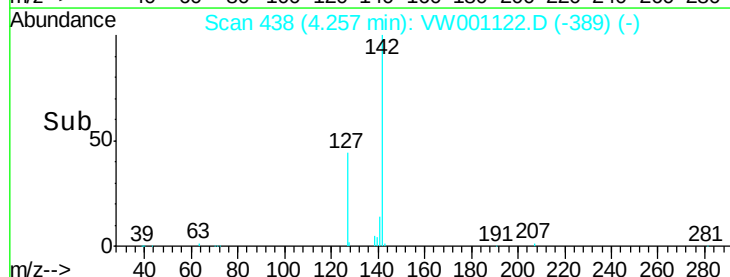
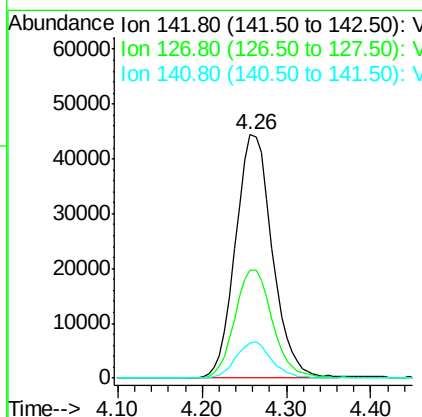
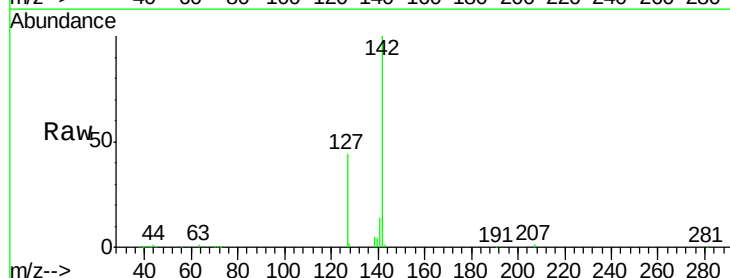
RT: 4.26 min Scan# 438

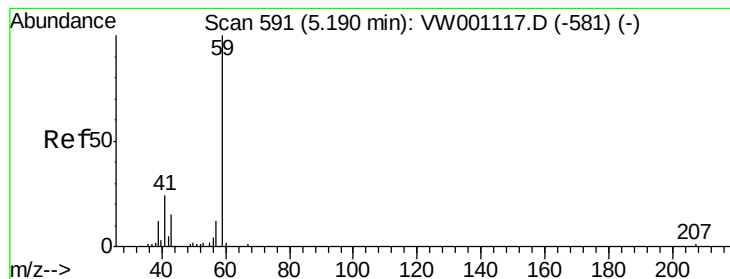
Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	142	Resp:	132073
Ion Ratio	Lower	Upper	
142	100		
127	45.5	35.4	53.2
141	14.4	11.6	17.4





#11

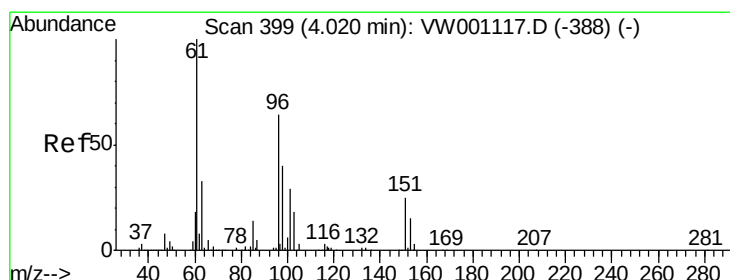
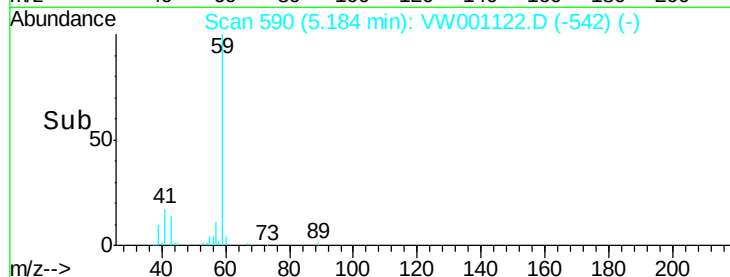
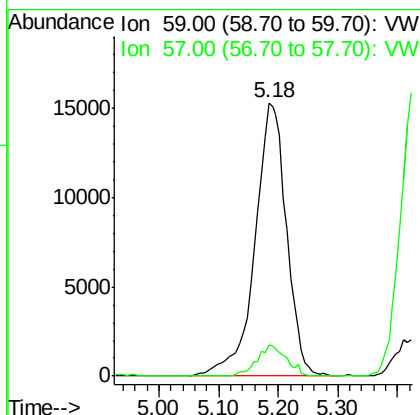
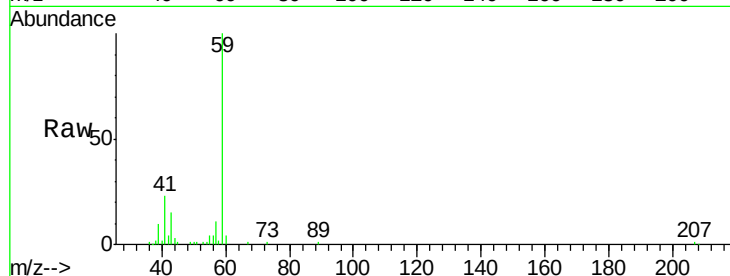
Tert butyl alcohol
 Concen: 257.92 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	56033
Ion Ratio	100	Lower	Upper
57	10.7	7.8	11.8

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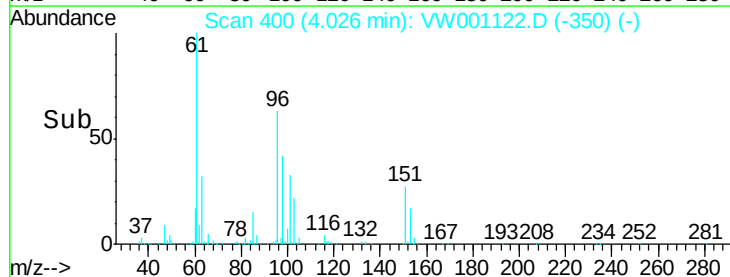
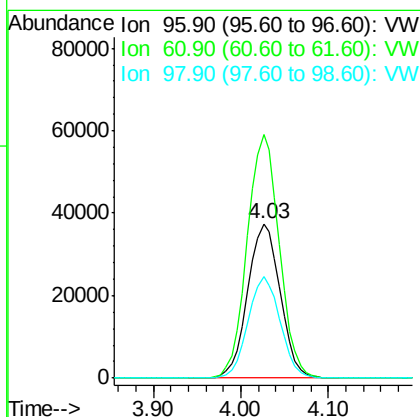
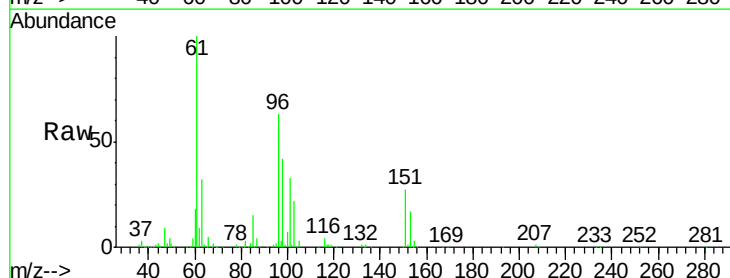
MMDadoda
 1/30/2018 5:46:56 PM

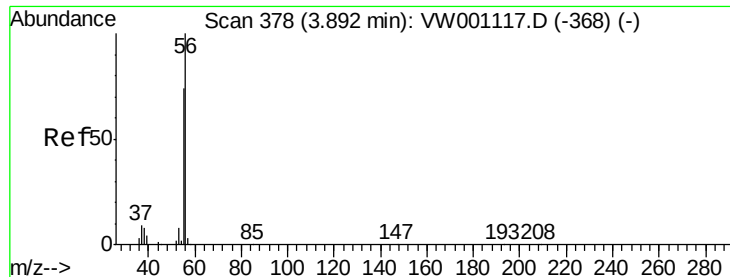


#12

1,1-Dichloroethene
 Concen: 43.80 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion	96	Resp	96952
Ion Ratio	100	Lower	Upper
61	157.6	125.2	187.8
98	65.5	50.3	75.5





#13

Acrolein

Concen: 201.75 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 70394

Ion Ratio Lower Upper

56 100

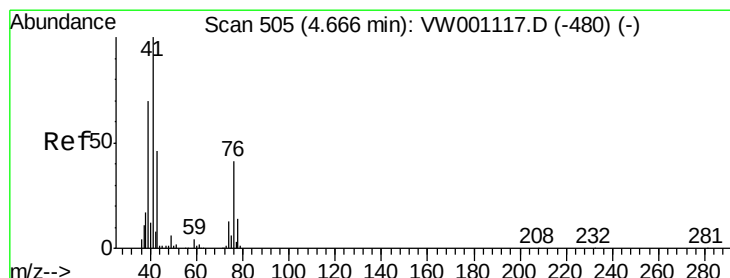
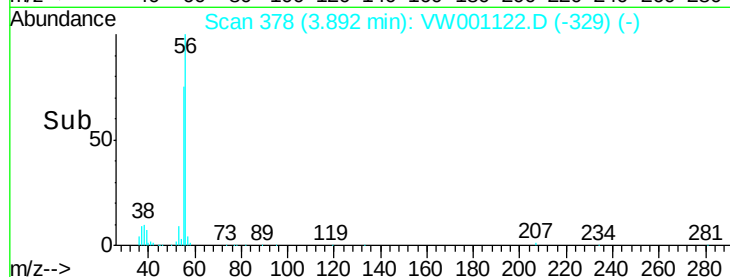
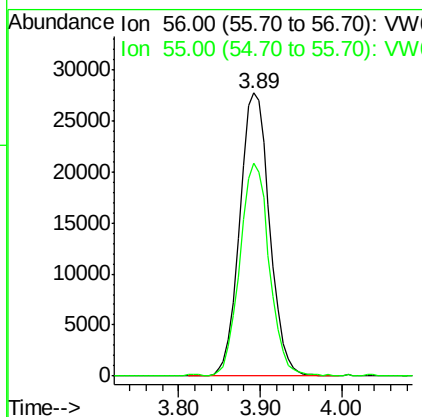
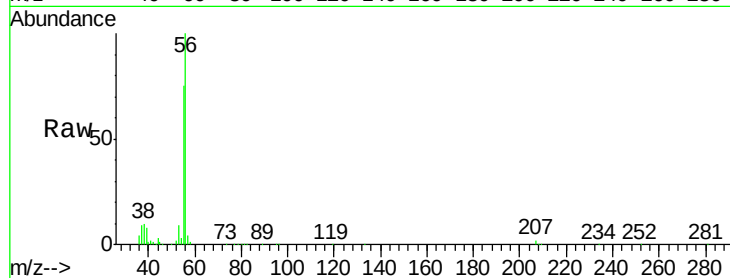
55 73.5 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.35 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

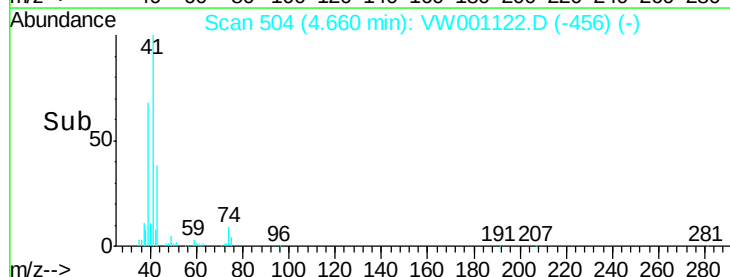
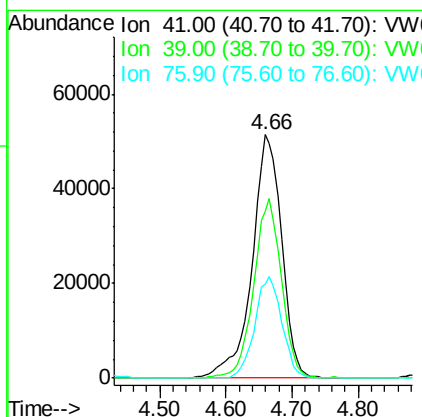
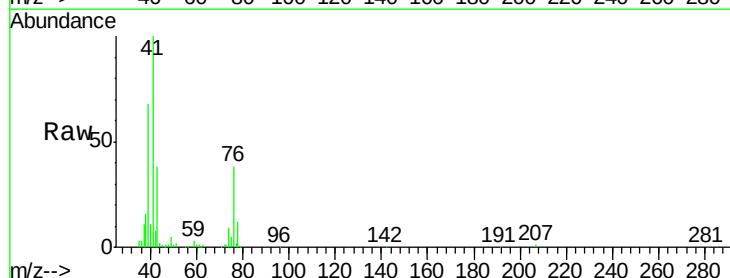
Tgt Ion: 41 Resp: 159900

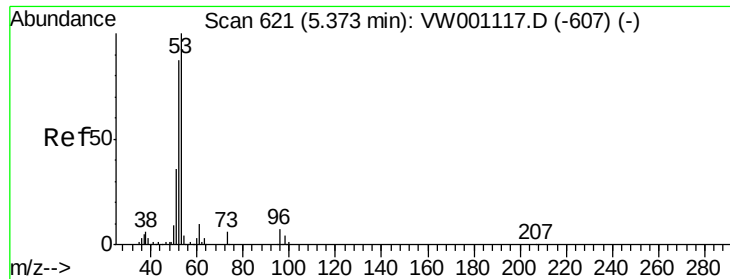
Ion Ratio Lower Upper

41 100

39 69.2 55.9 83.9

76 38.2 31.0 46.6





#15

Acrylonitrile

Concen: 248.88 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

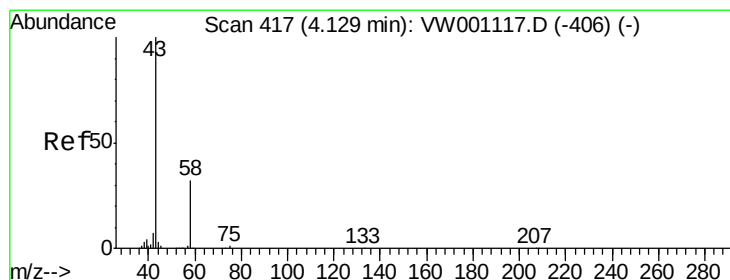
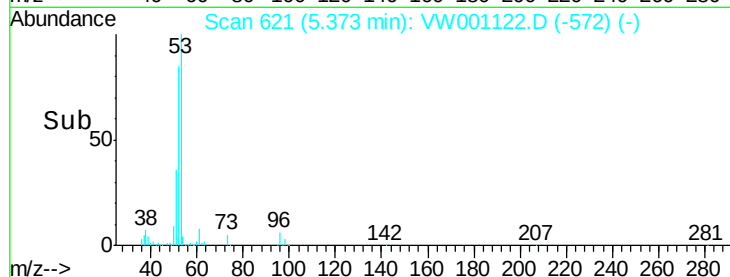
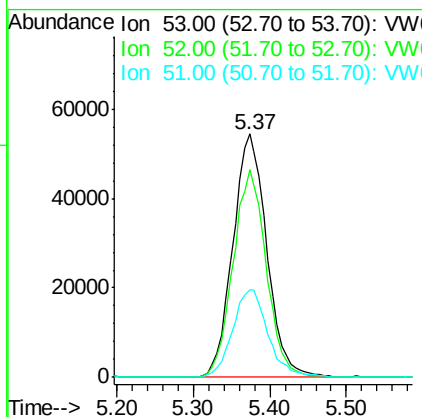
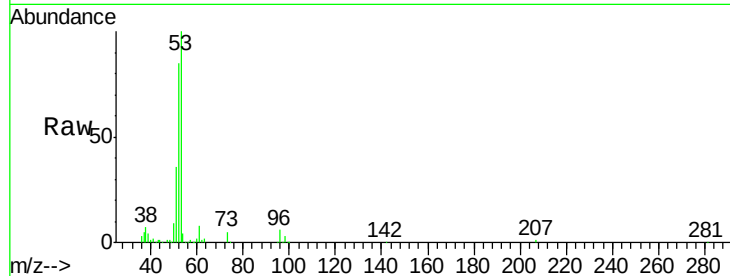
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	167475
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.9	100.3
51	37.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 259.98 ug/l

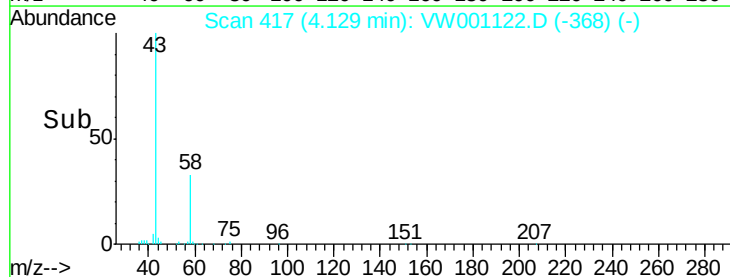
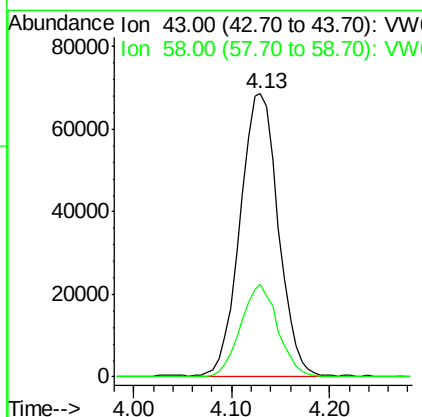
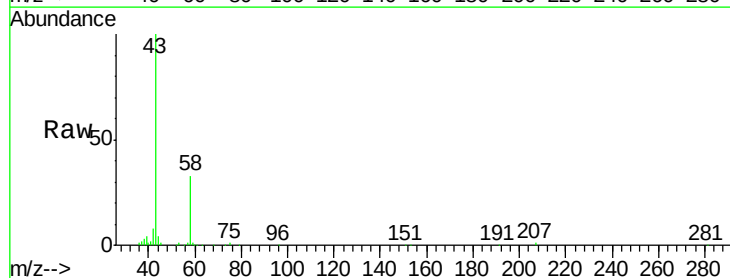
RT: 4.13 min Scan# 417

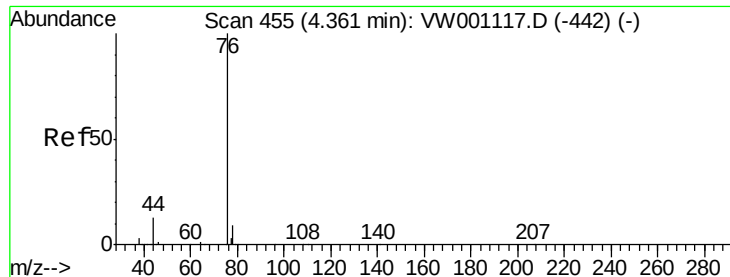
Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	43	Resp:	184836
Ion Ratio	Lower	Upper	
43	100		
58	32.8	25.7	38.5





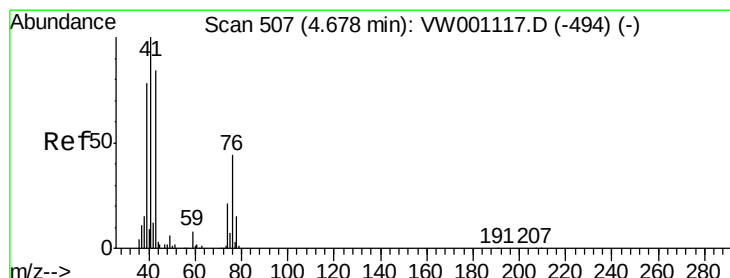
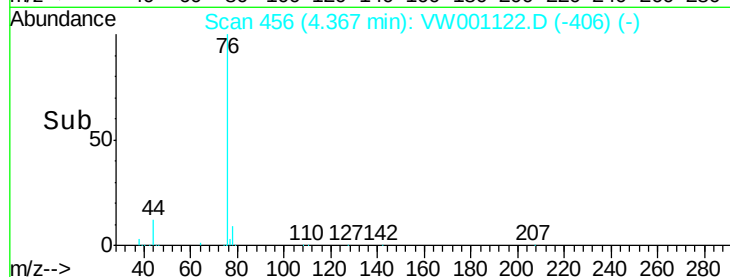
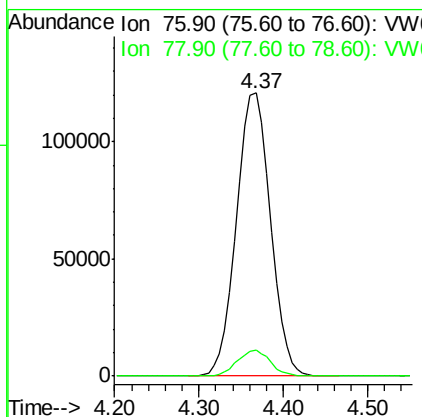
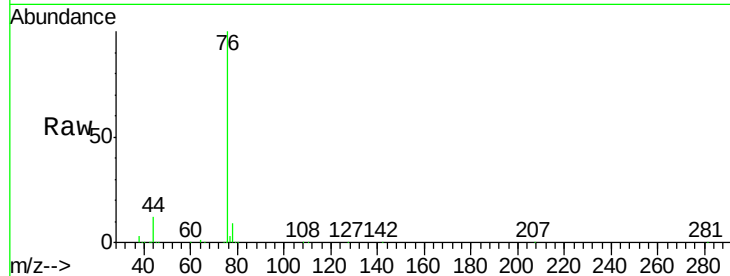
#17
Carbon Disulfide
Concen: 48.06 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

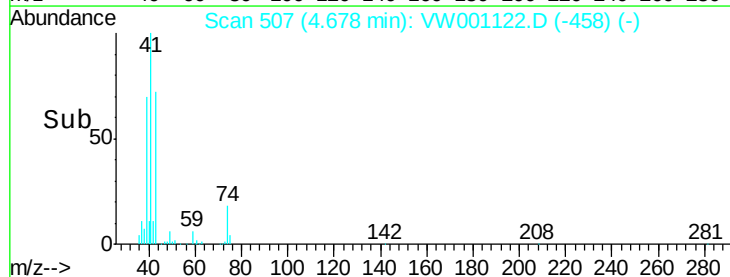
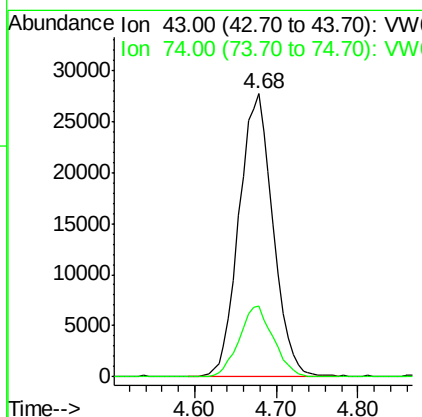
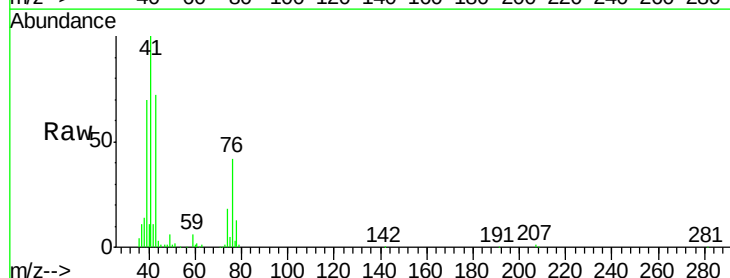
Manual Integrations
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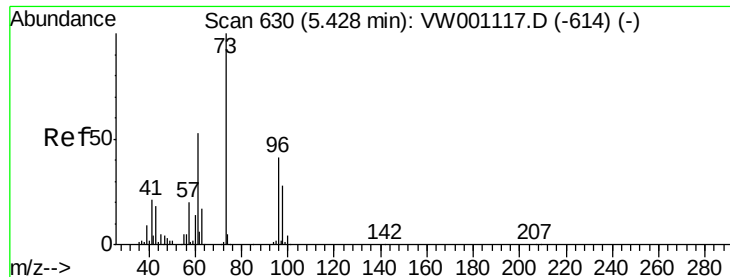
MMDadoda
1/30/2018 5:46:56 PM



#18
Methyl Acetate
Concen: 48.26 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	20.2	30.2





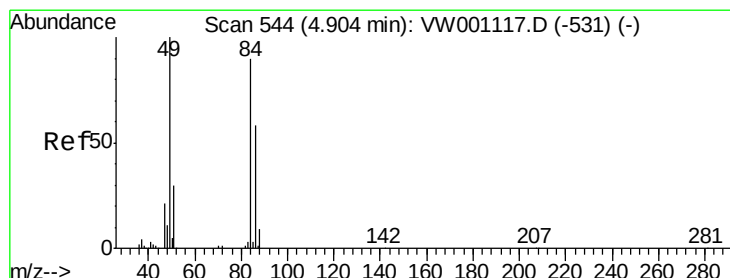
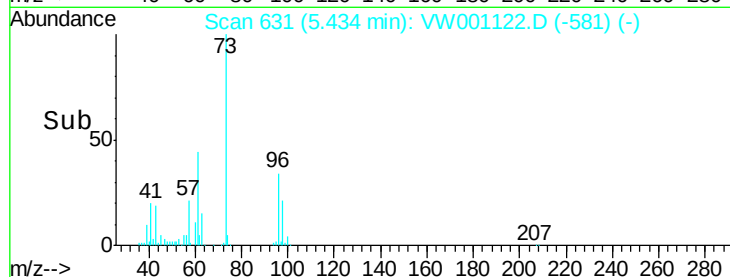
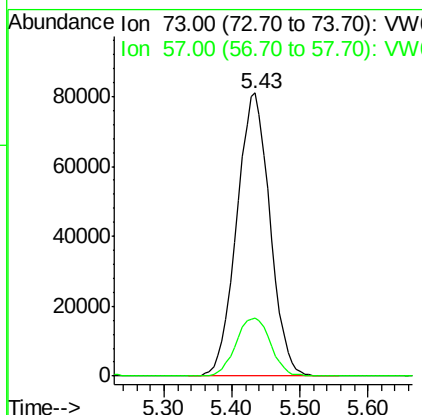
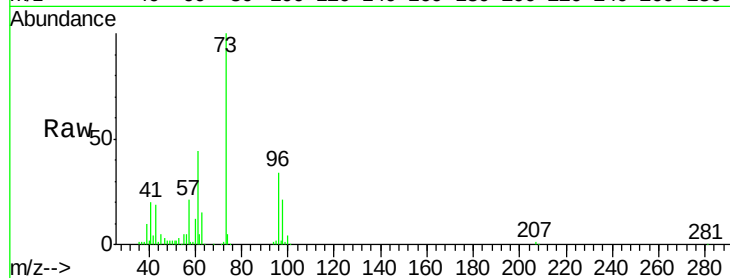
#19
Methyl tert-butyl Ether
Concen: 48.06 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	20.7	16.1	24.1

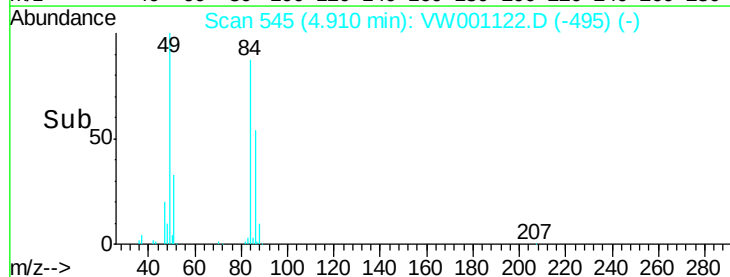
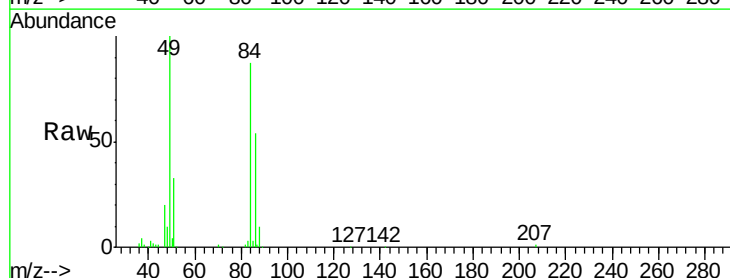
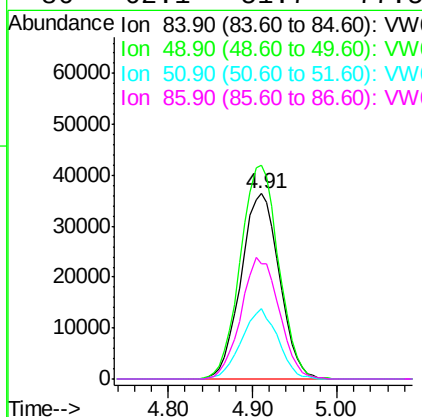
Manual Integrations
APPROVED

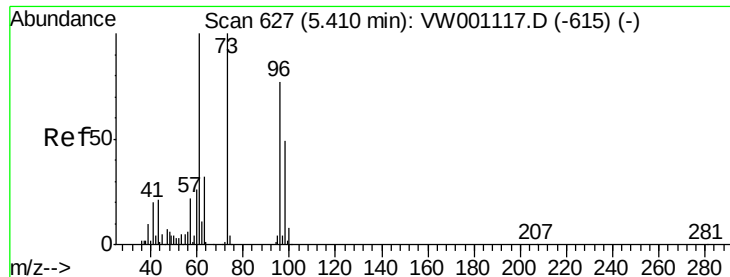
MMDadoda
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#20
Methylene Chloride
Concen: 47.95 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	115.3	89.2	133.8
51	51	37.9	26.7	40.1
86	86	62.1	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 47.64 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

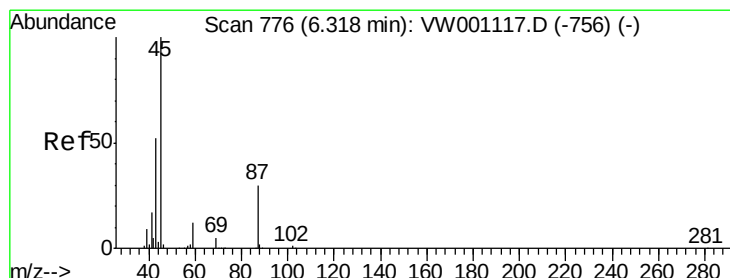
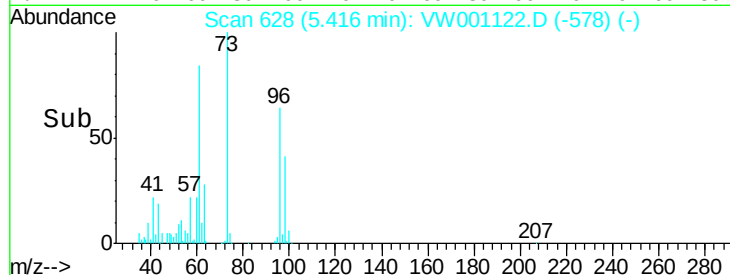
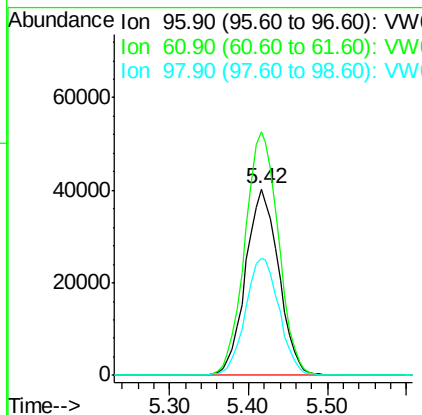
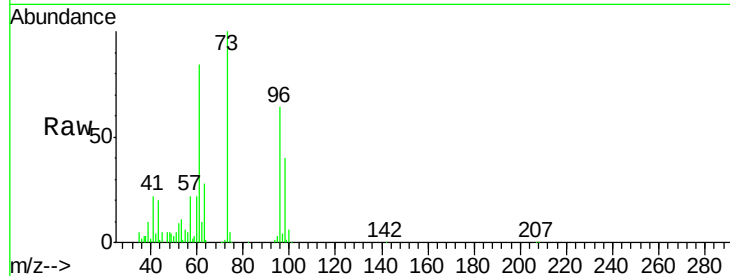
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	117763
Ion	Ratio	Lower	Upper
96	100		
61	130.9	104.6	156.8
98	63.2	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.16 ug/l

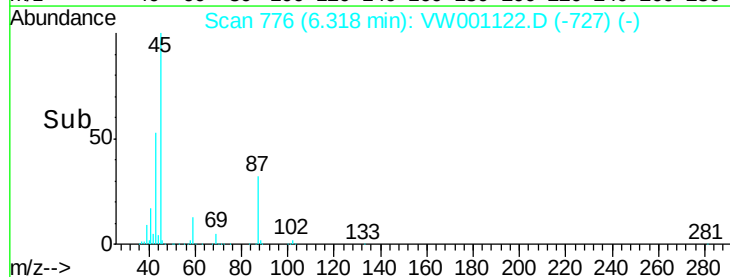
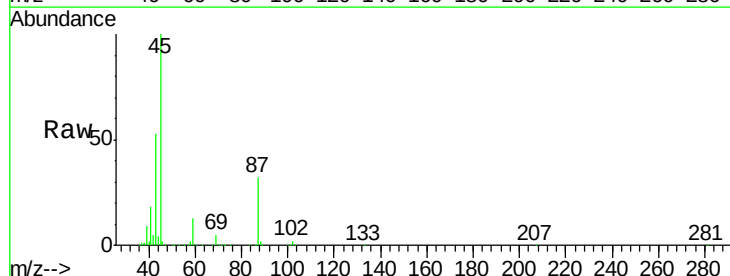
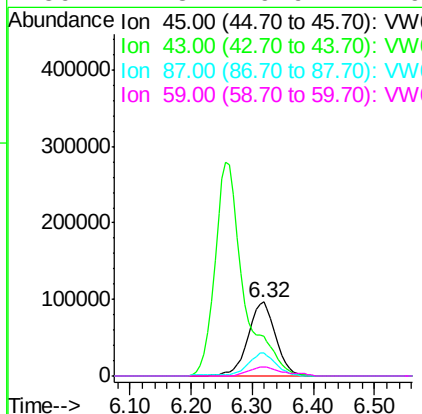
RT: 6.32 min Scan# 776

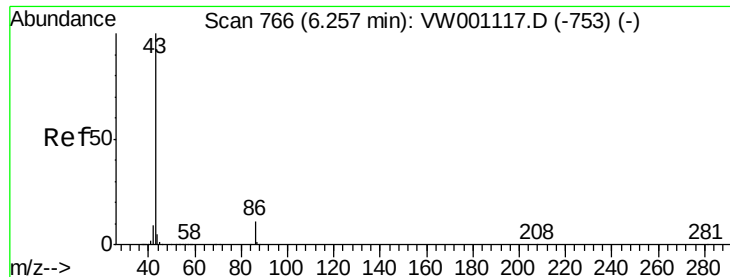
Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	45	Resp:	305160
Ion	Ratio	Lower	Upper
45	100		
43	52.7	41.6	62.4
87	31.5	24.5	36.7
59	12.8	9.9	14.9





#23

Vinyl Acetate

Concen: 240.43 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 912651

Ion Ratio Lower Upper

43 100

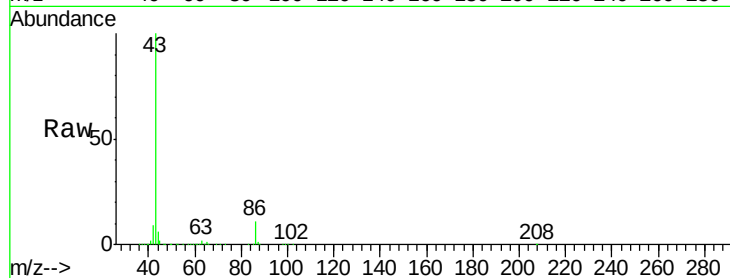
86 11.5 9.0 13.6

Manual Integrations

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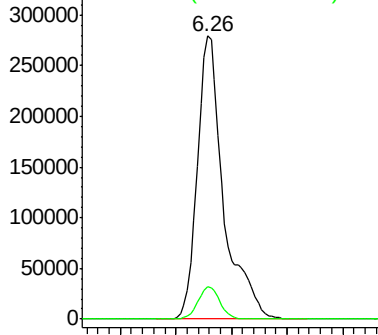
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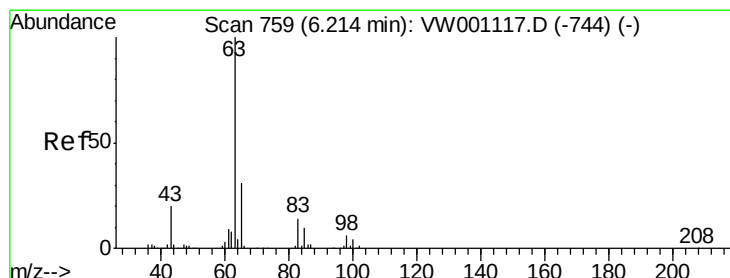
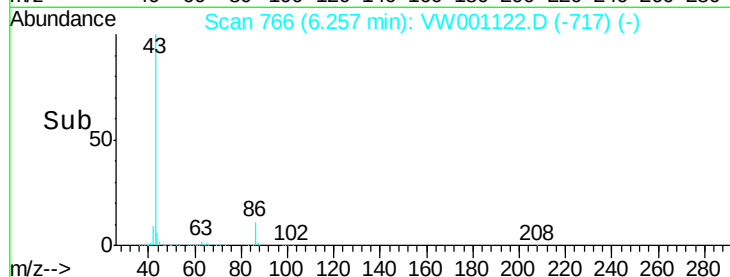


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 46.94 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

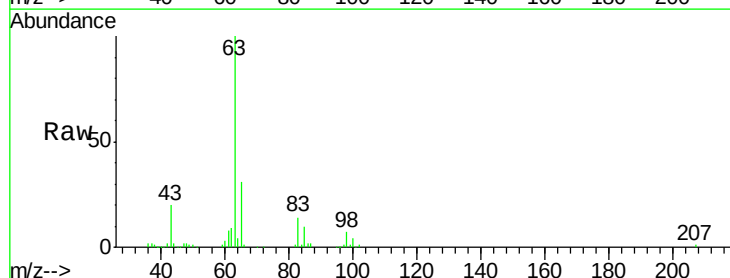
Tgt Ion: 63 Resp: 194057

Ion Ratio Lower Upper

63 100

98 6.9 3.0 9.2

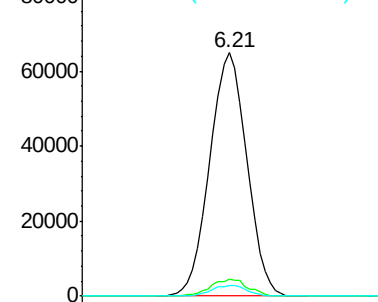
100 4.4 2.1 6.3



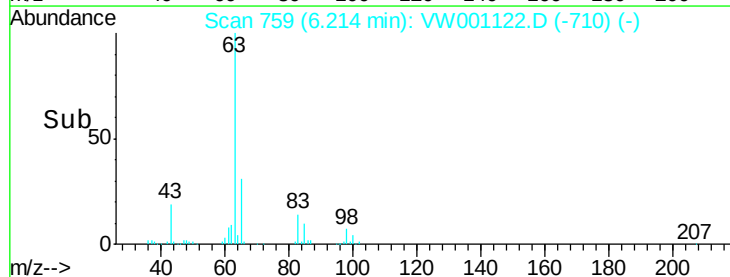
Abundance Ion 62.90 (62.60 to 63.60): VW

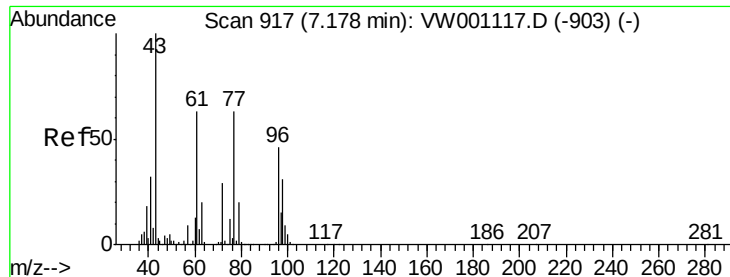
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 256.31 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 239185

Ion Ratio Lower Upper

43 100

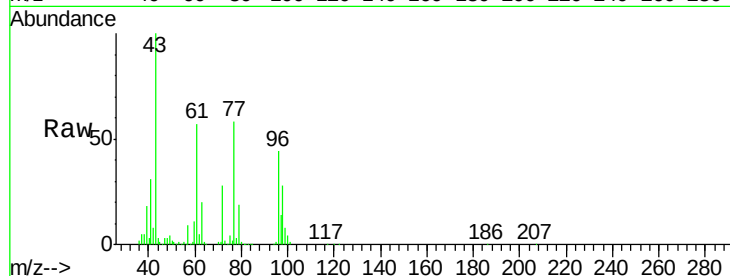
72 27.5 22.8 34.2

Manual Integrations

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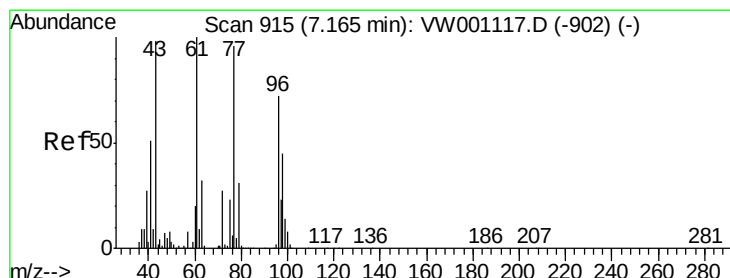
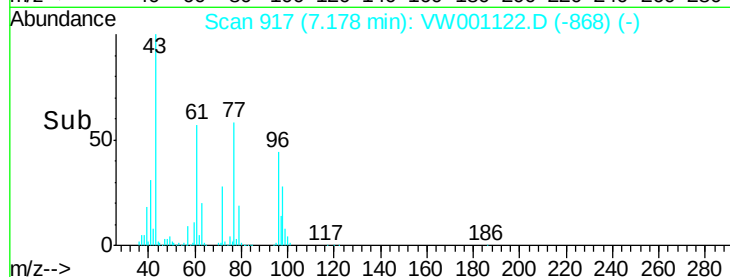
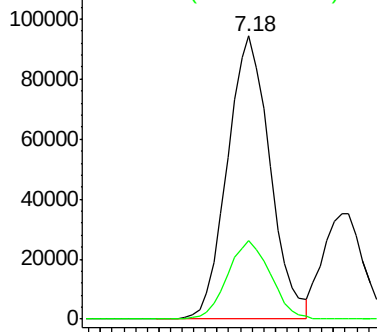
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 46.64 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW001122.D

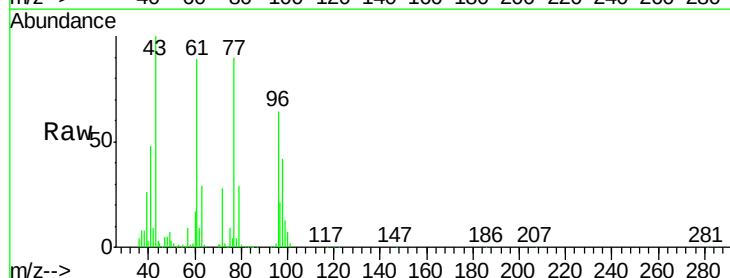
Acq: 29 Jan 2018 16:33

Tgt Ion: 77 Resp: 190732

Ion Ratio Lower Upper

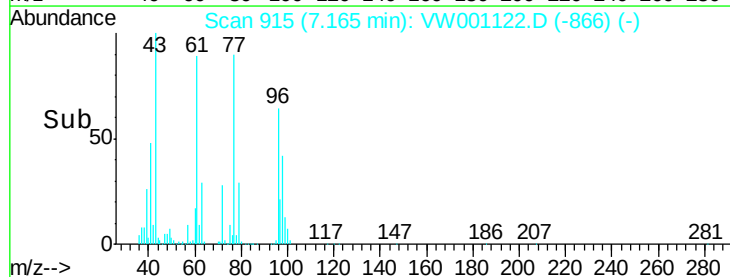
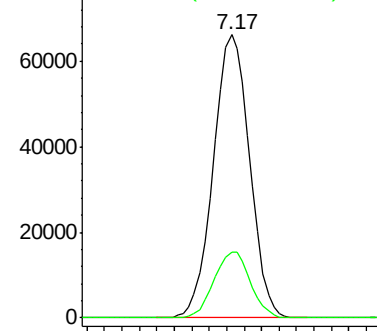
77 100

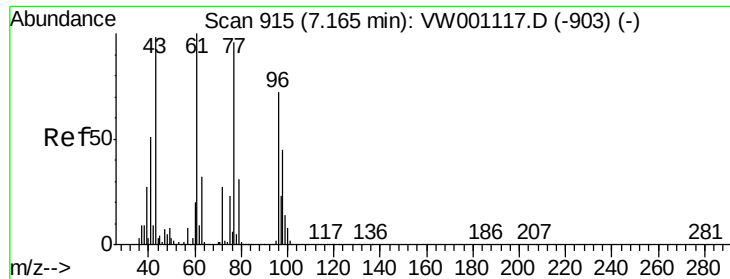
97 23.4 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 46.73 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

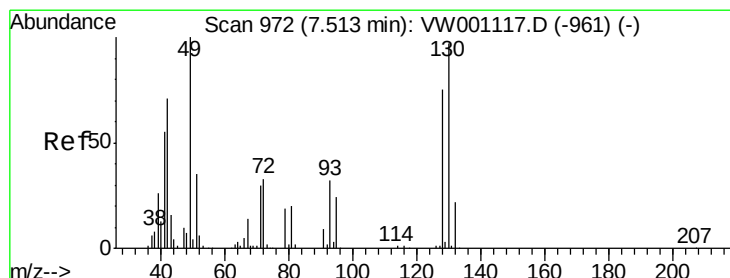
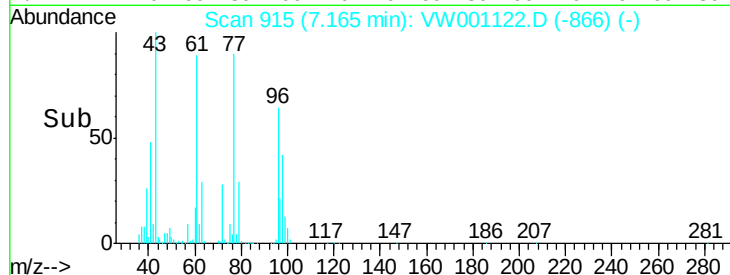
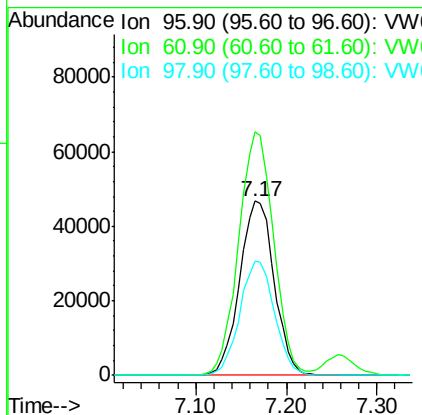
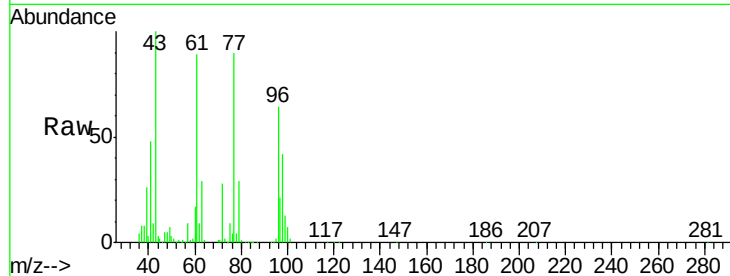
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	123209
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	280.4
98	65.9	0.0	129.6

Manual Integrations
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#28

Bromochloromethane

Concen: 48.01 ug/l

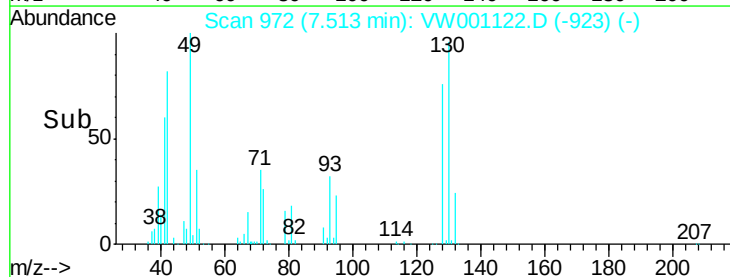
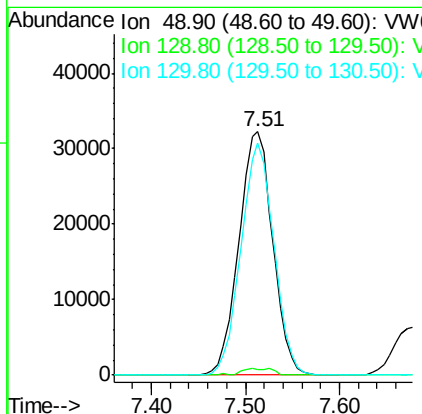
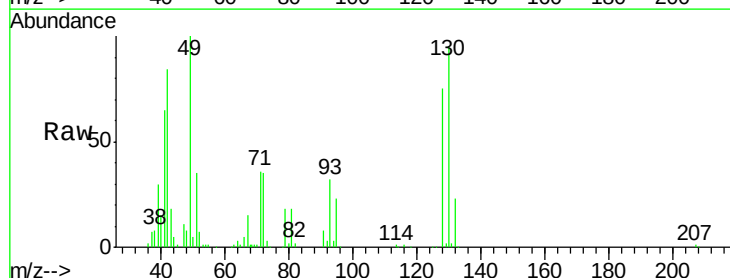
RT: 7.51 min Scan# 972

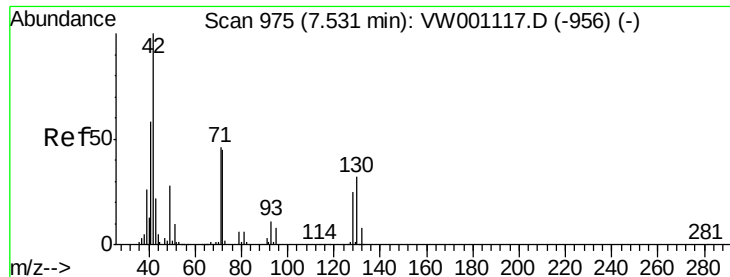
Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	49	Resp:	80685
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.6
130	92.8	75.5	113.3





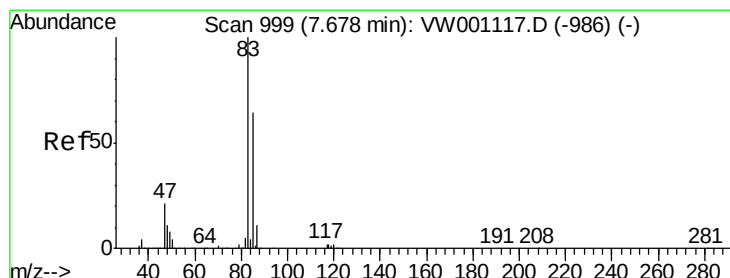
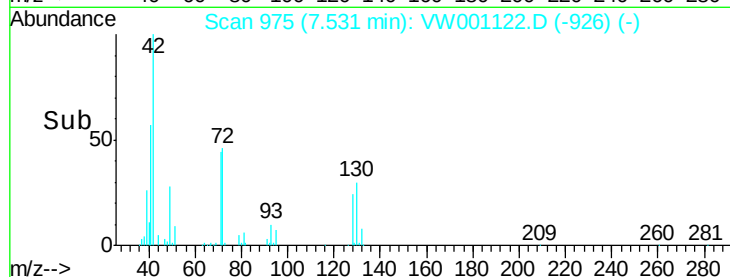
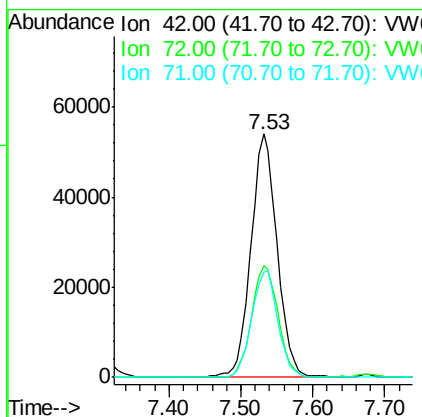
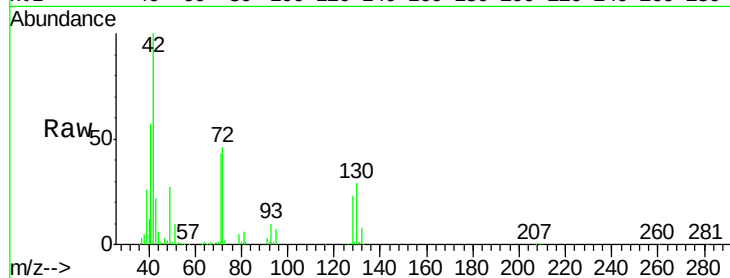
#29
Tetrahydrofuran
Concen: 256.03 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	36.8	55.2
71	43.7	35.1	52.7

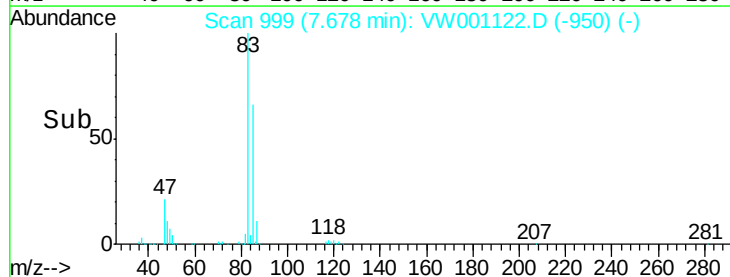
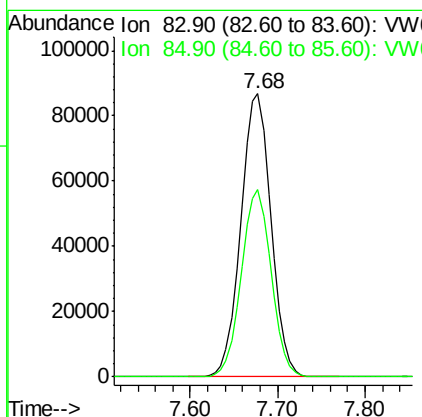
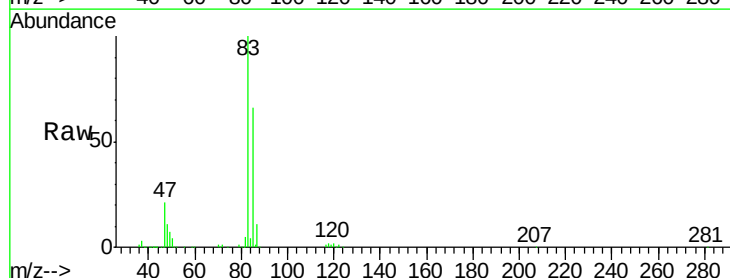
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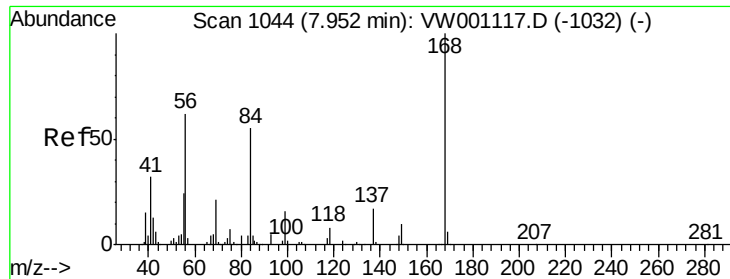
MMDadoda
1/30/2018 5:46:56 PM



#30
Chloroform
Concen: 46.26 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.2





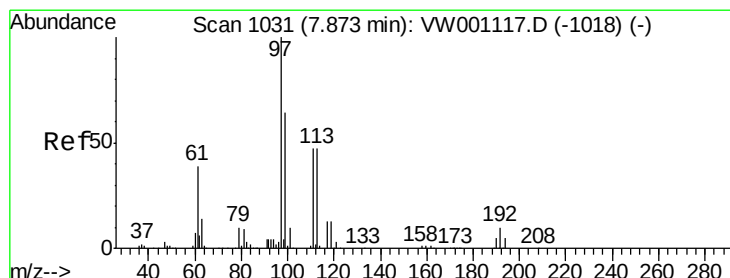
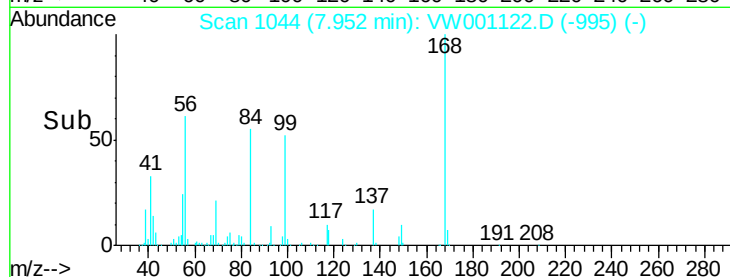
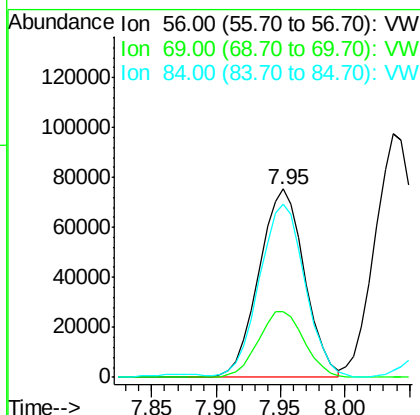
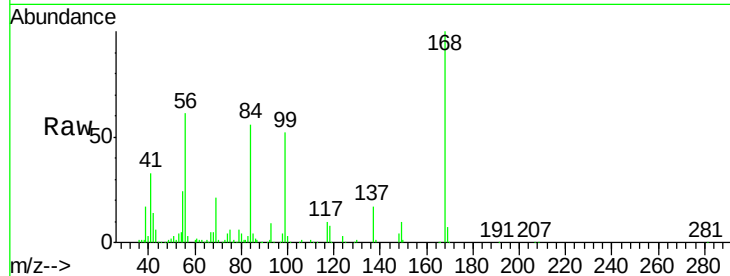
#31
Cyclohexane
Concen: 46.07 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	27.4	41.0
84	90.5	71.1	106.7

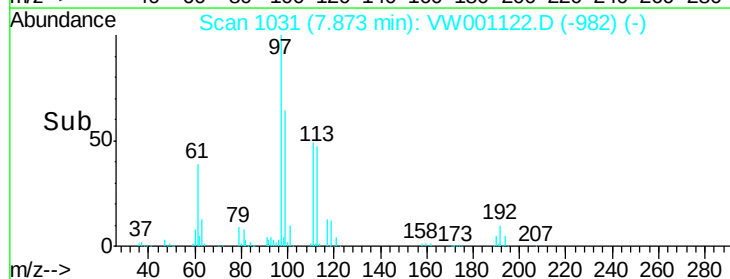
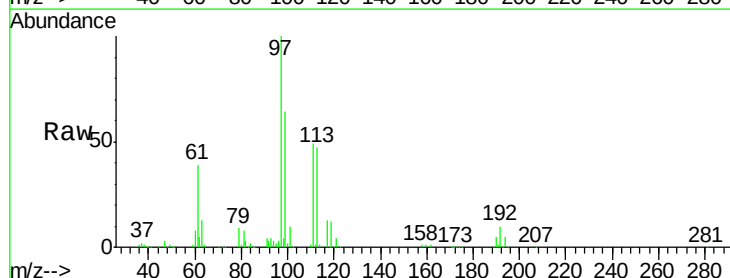
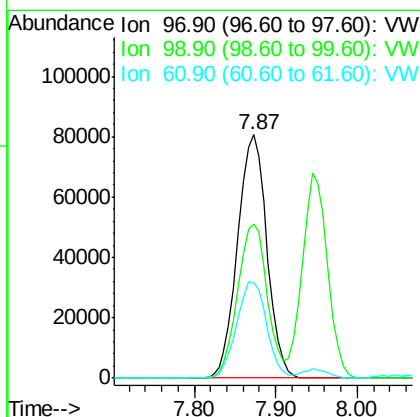
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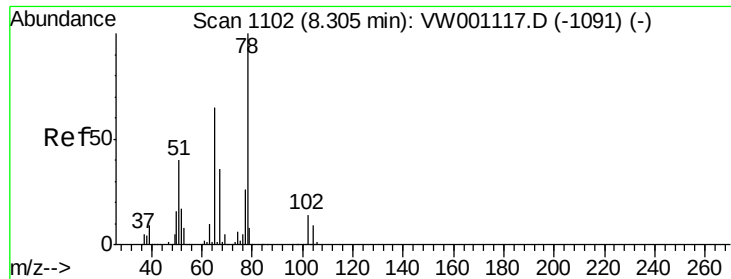
MMDadoda
1/30/2018 5:46:56 PM



#32
1,1,1-Trichloroethane
Concen: 47.24 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	40.8	32.4	48.6





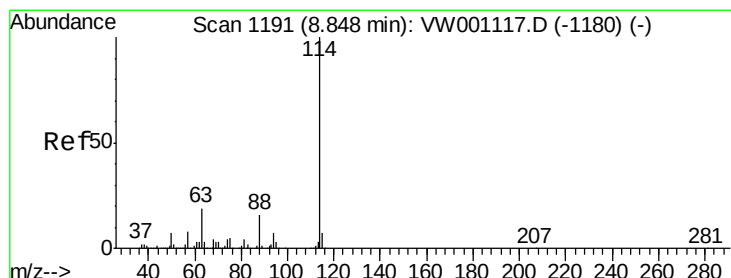
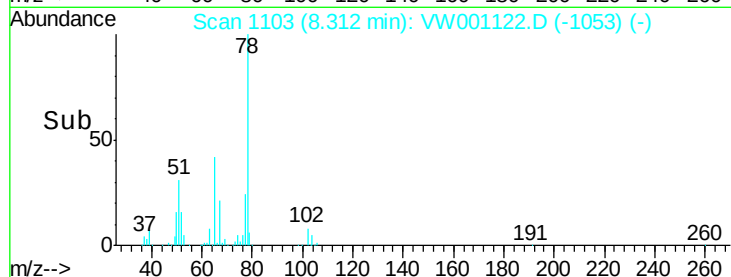
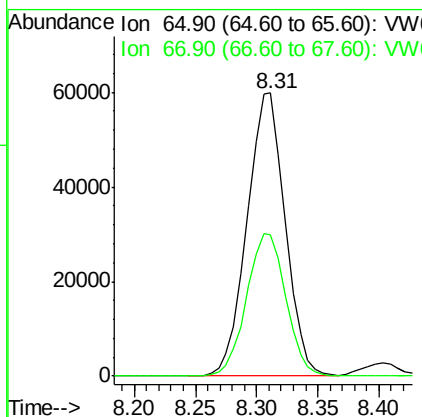
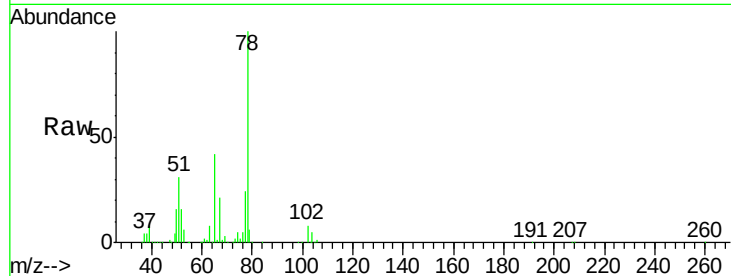
#33
 1,2-Dichloroethane-d4
 Concen: 48.08 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.8	0.0	104.2	

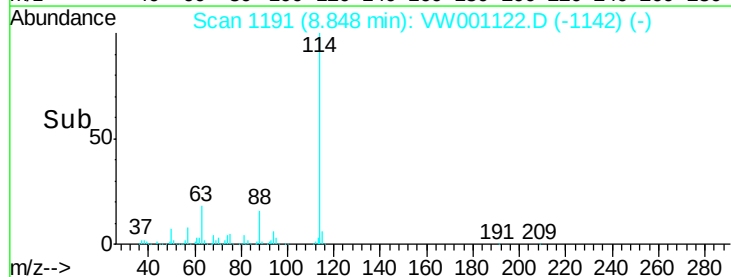
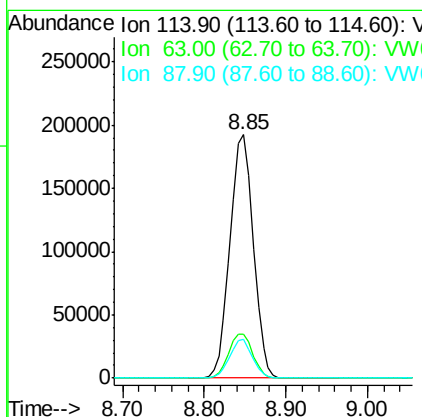
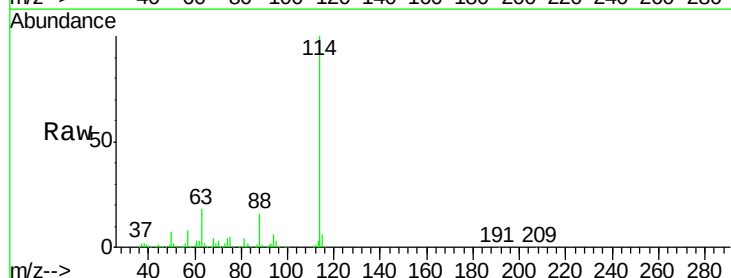
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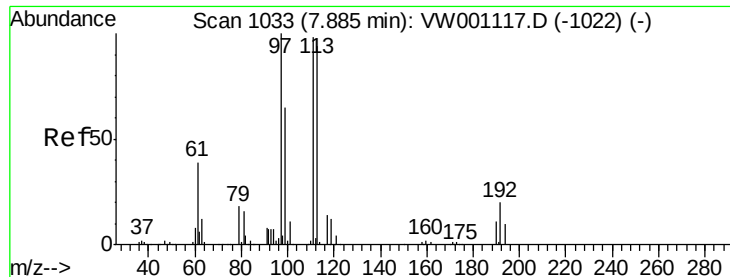
MMDadoda
 1/30/2018 5:46:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.2	0.0	38.2	
88	16.1	0.0	31.0	





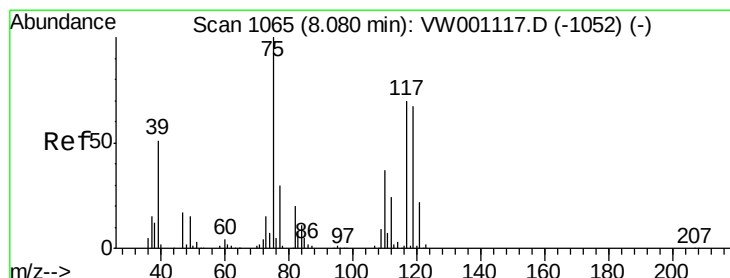
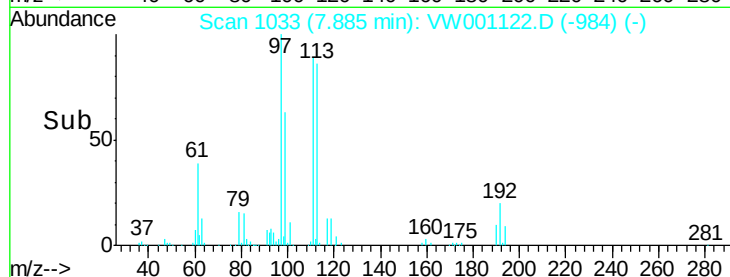
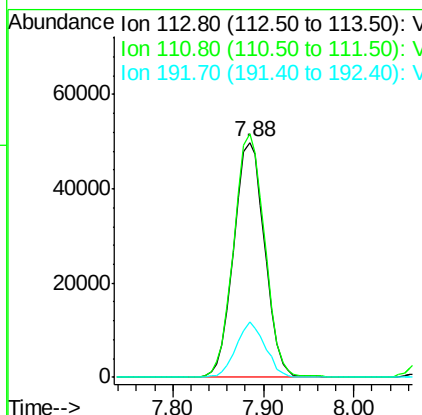
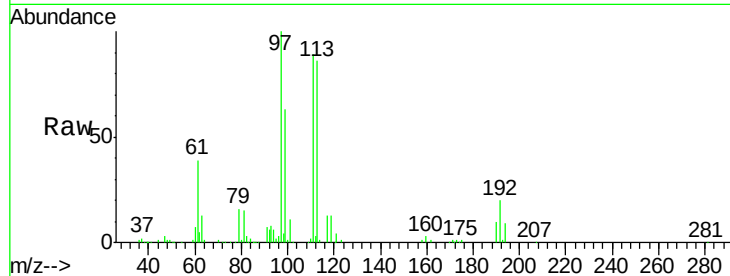
#35
Dibromofluoromethane
Concen: 48.92 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.1	124.7
192	22.0	17.8	26.6

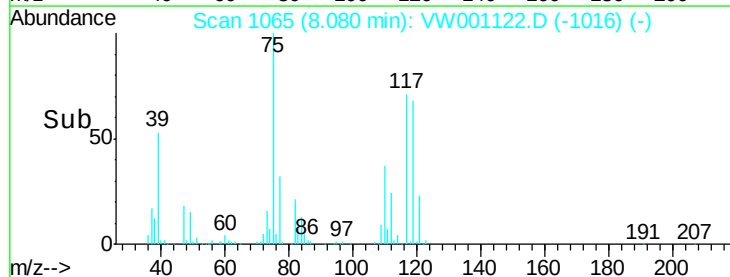
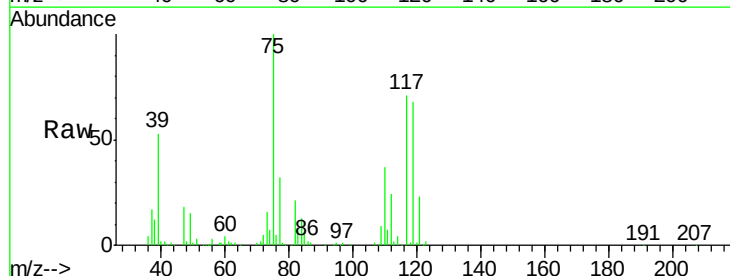
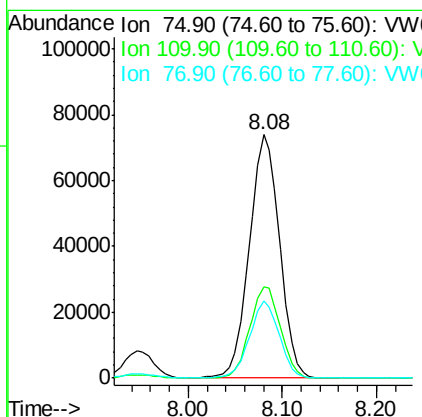
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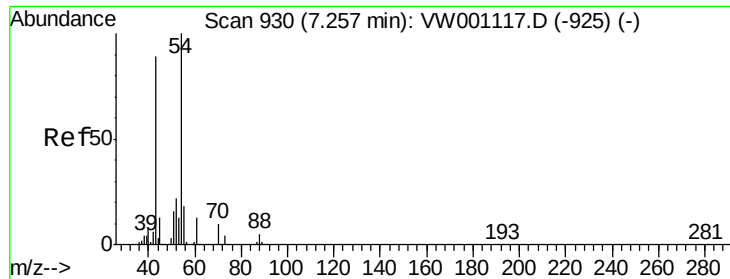
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.89 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.7	56.1
77	31.2	24.6	37.0





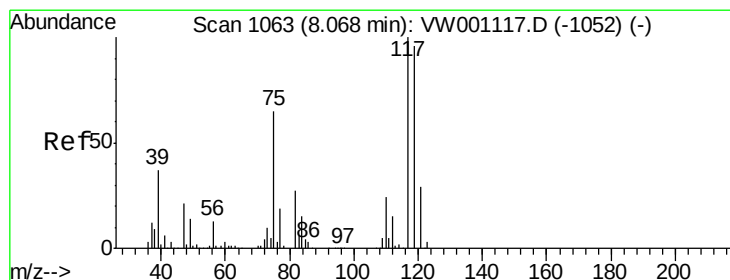
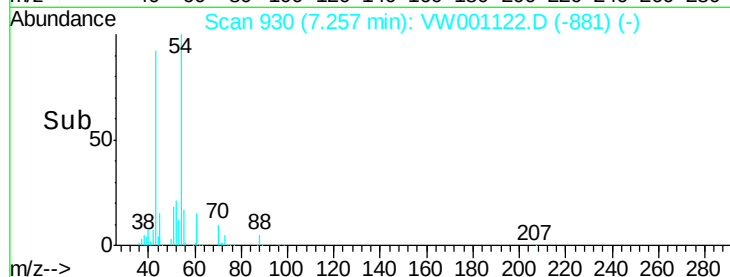
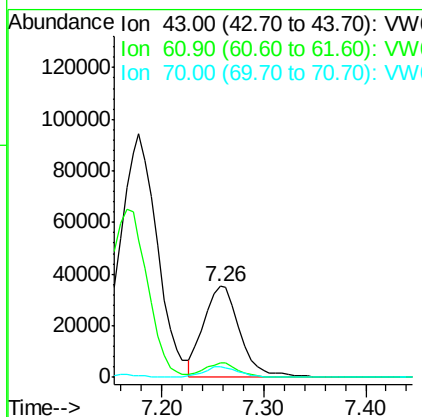
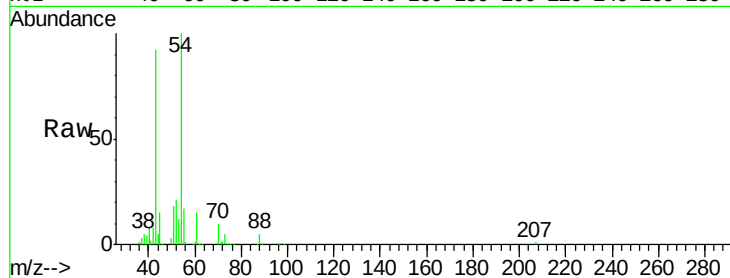
#37
Ethyl Acetate
Concen: 48.28 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.9	17.9
70	11.6	9.4	14.0

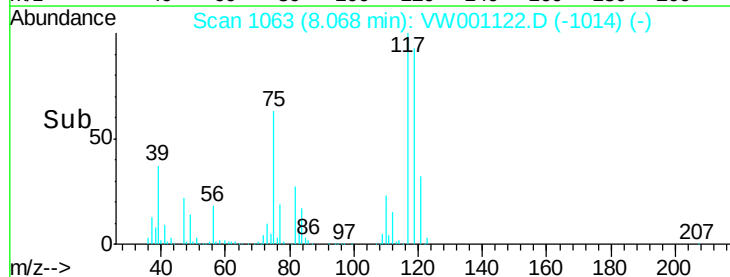
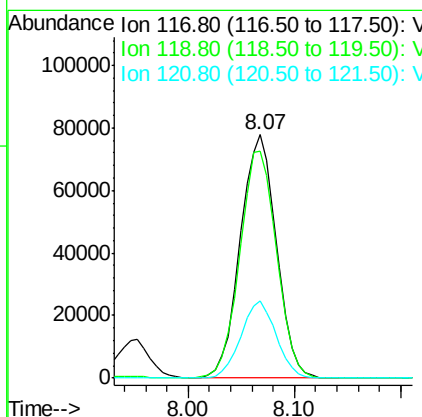
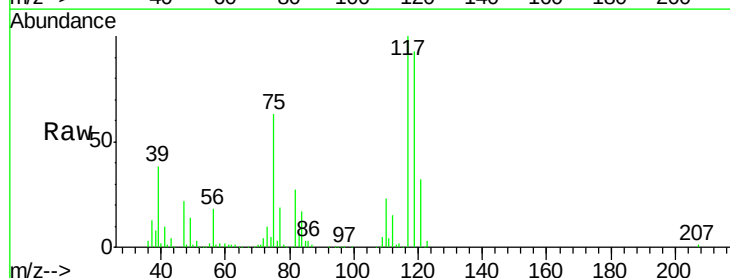
Manual Integrations
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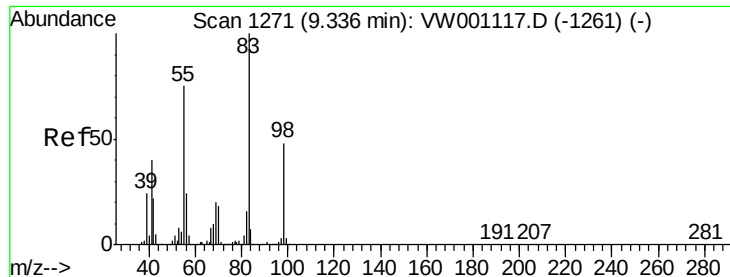
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.52 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.0	115.4
121	31.7	23.5	35.3





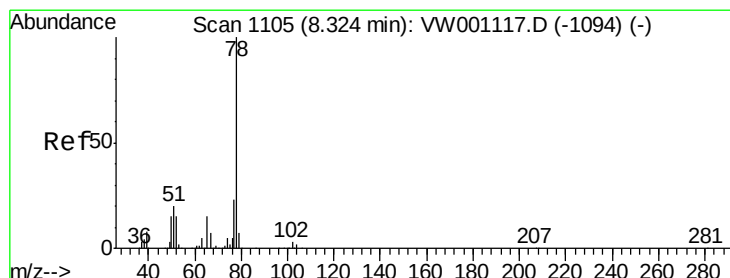
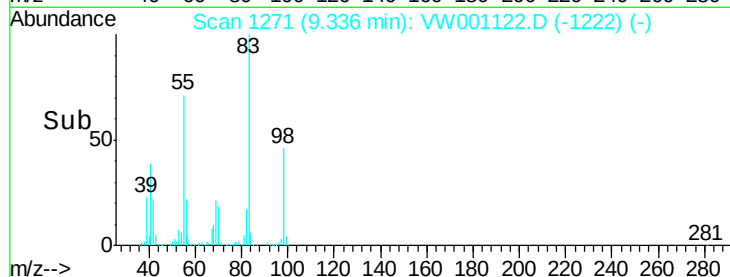
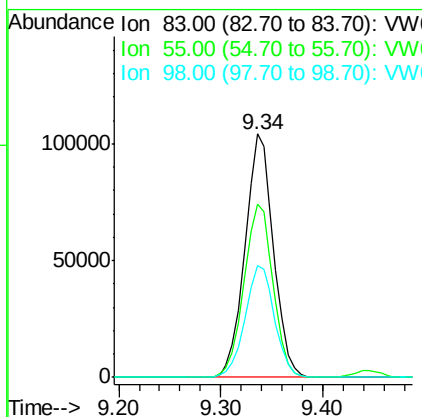
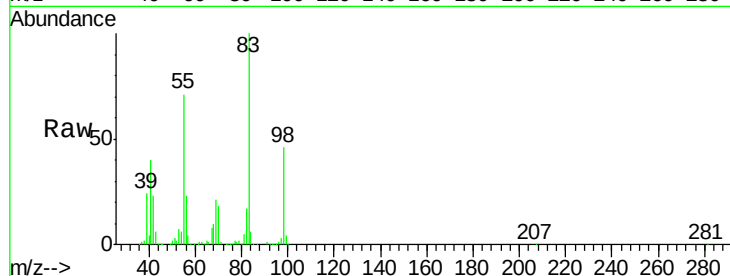
#39
Methylvlcyclohexane
Concen: 49.98 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	59.7	89.5
98	45.8	38.0	57.0

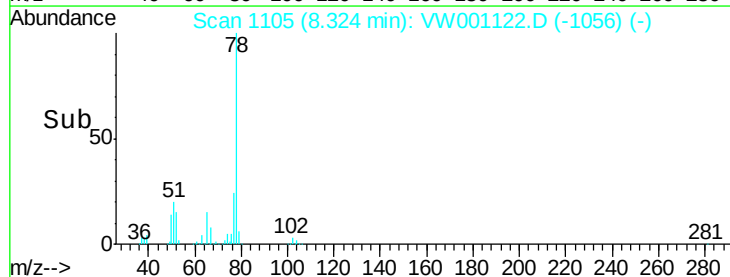
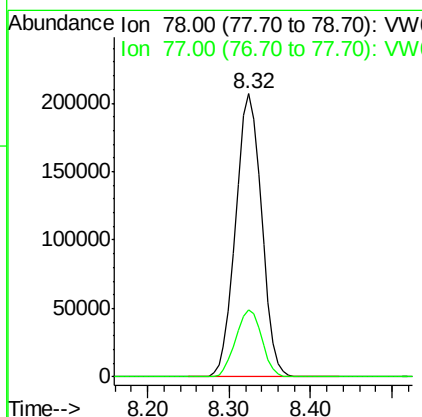
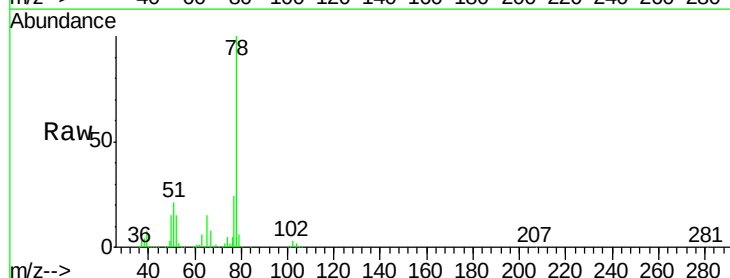
Manual Integrations
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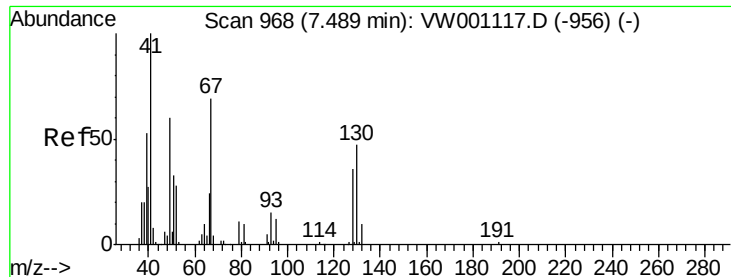
MMDadoda
1/30/2018 5:46:56 PM



#40
Benzene
Concen: 47.88 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





#41

Methacrylonitrile

Concen: 54.45 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

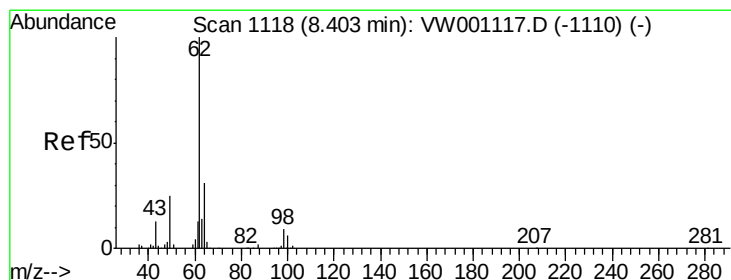
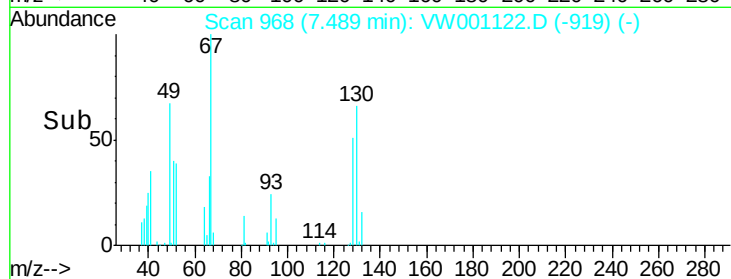
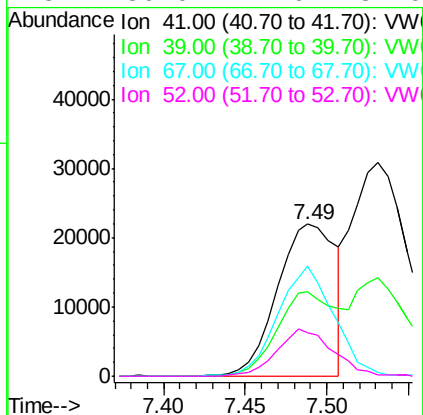
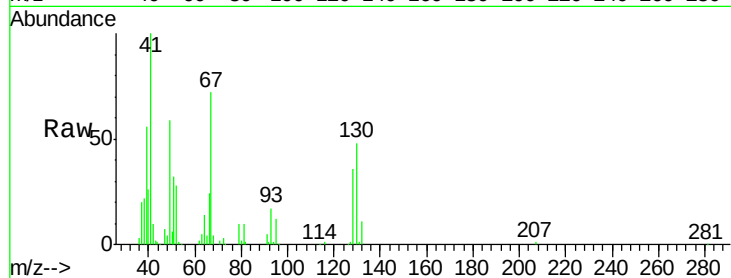
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	54637
Ion	Ratio	Lower	Upper
41	100		
39	60.9	48.8	73.2
67	69.4	59.6	89.4
52	30.0	24.6	37.0

Manual Integrations
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MMDadoda
1/30/2018 5:46:56 PM



#42

1,2-Dichloroethane

Concen: 47.85 ug/l

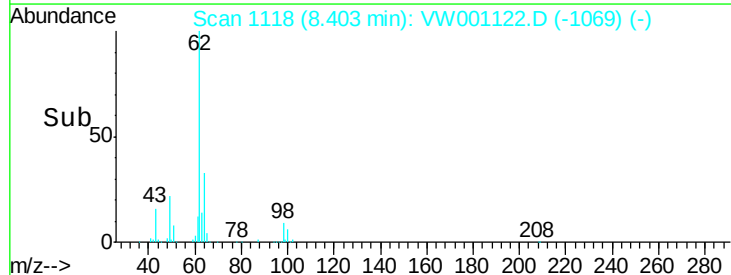
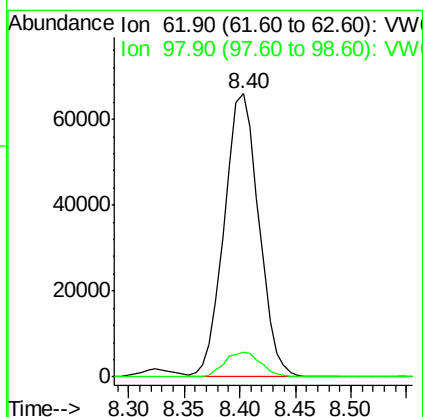
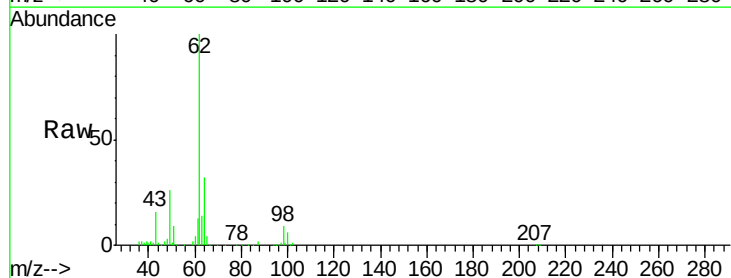
RT: 8.40 min Scan# 1118

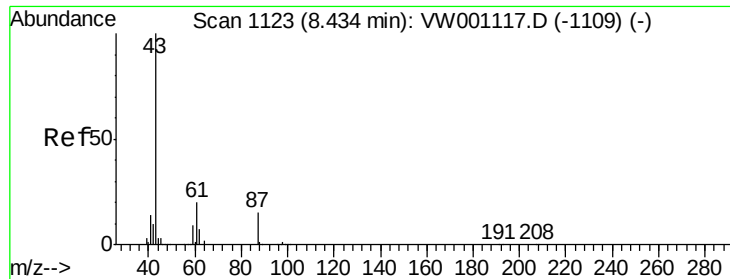
Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	62	Resp:	142537
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 50.02 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

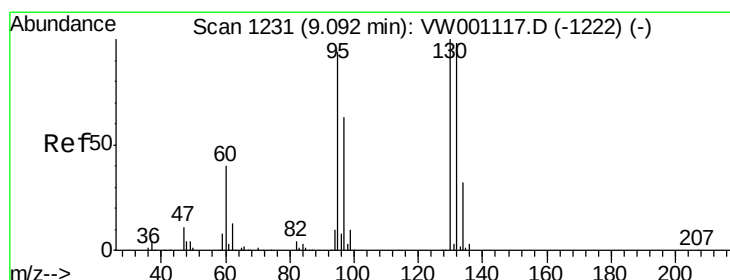
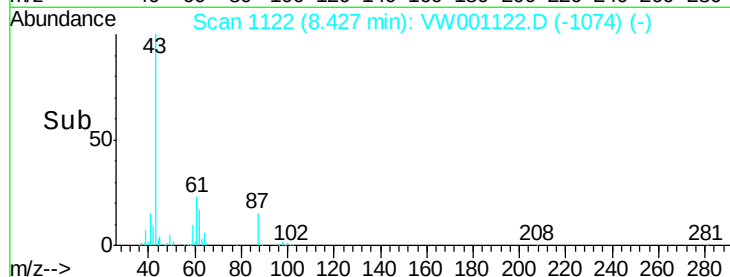
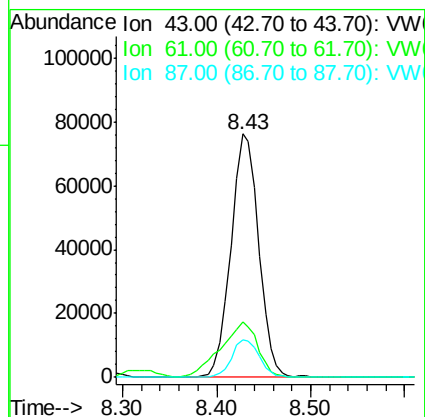
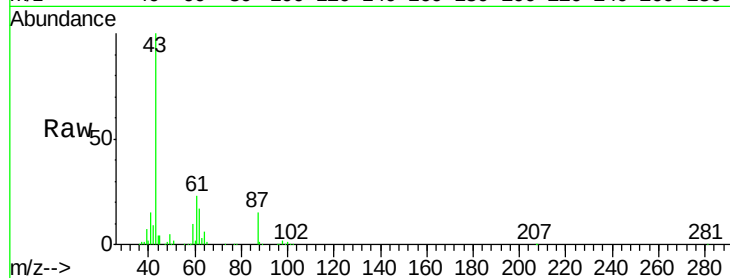
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	155644
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.9	35.9
87	15.3	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 47.83 ug/l

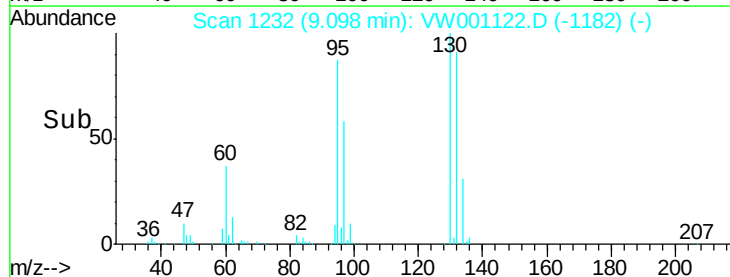
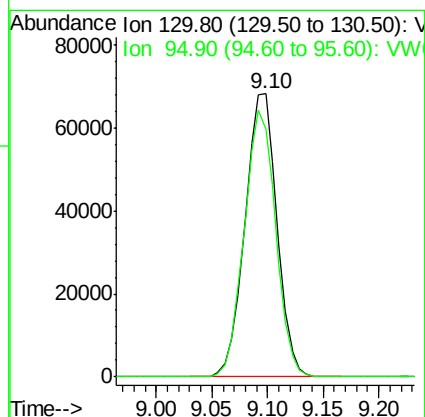
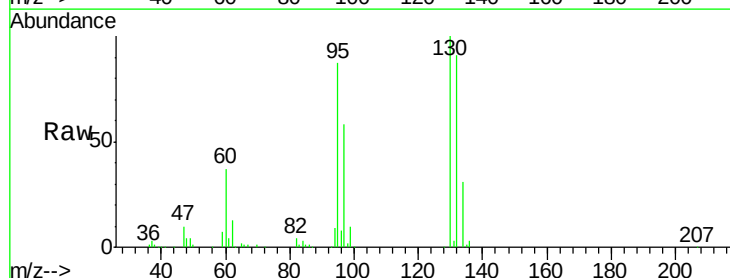
RT: 9.10 min Scan# 1232

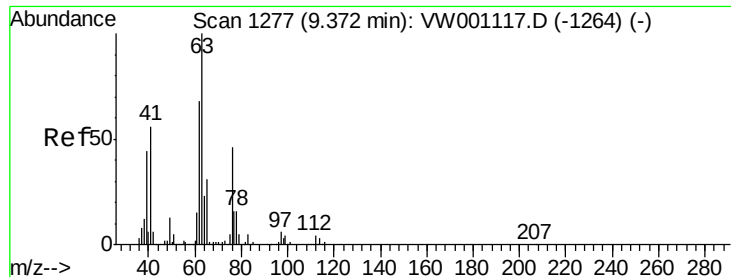
Delta R.T. 0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	130	Resp:	136044
Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	189.0





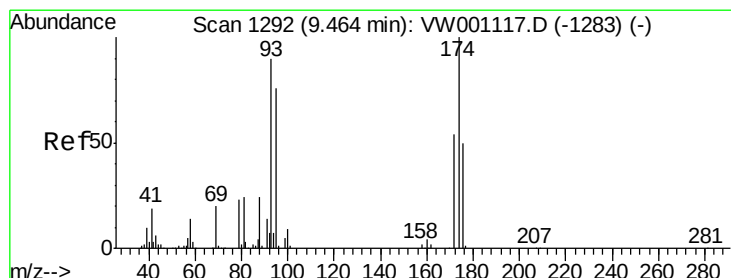
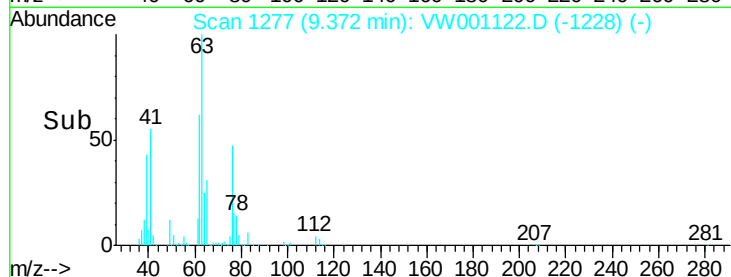
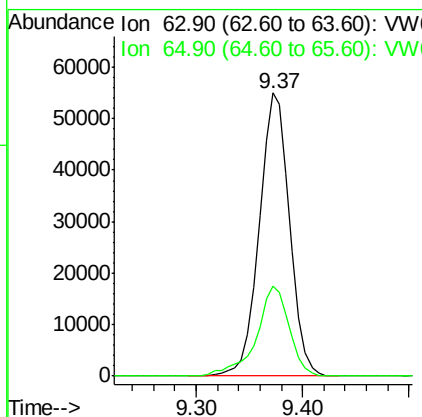
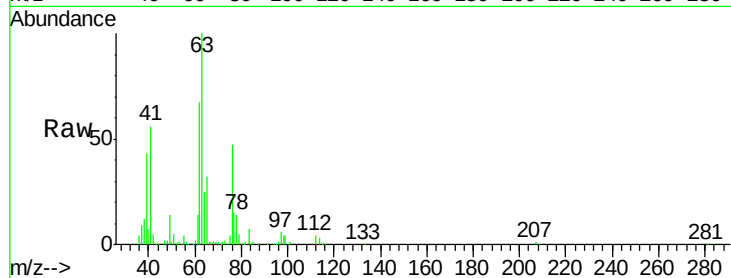
#45
 1,2-Dichloropropane
 Concen: 47.88 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.0	37.4

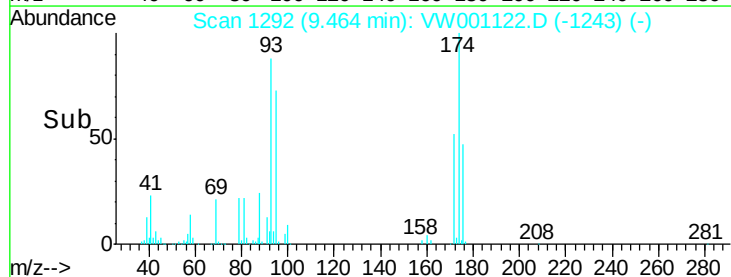
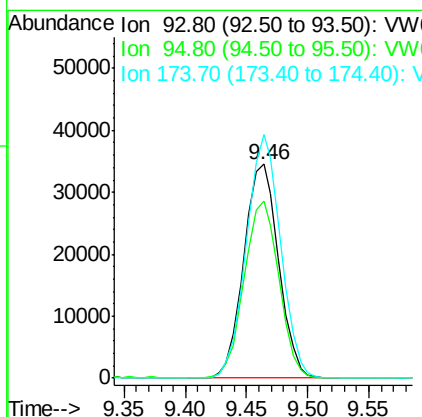
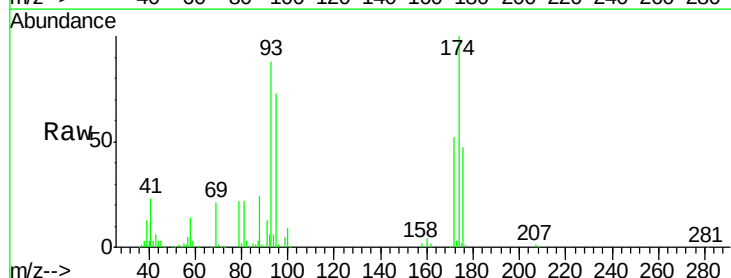
Manual Integrations
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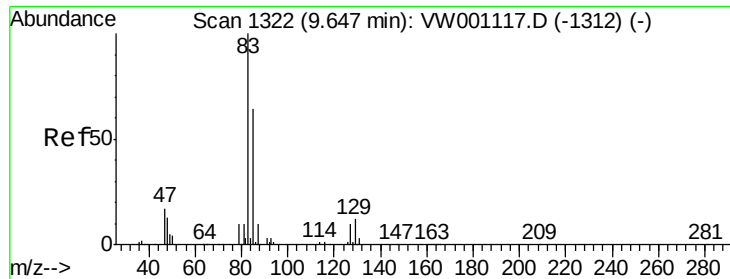
MMDadoda
 1/30/2018 5:46:56 PM



#46
 Dibromomethane
 Concen: 47.87 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.5	99.7
174	112.1	89.5	134.3





#47

Bromodichloromethane

Concen: 47.99 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

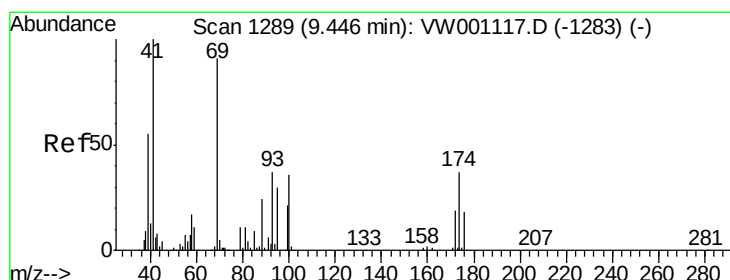
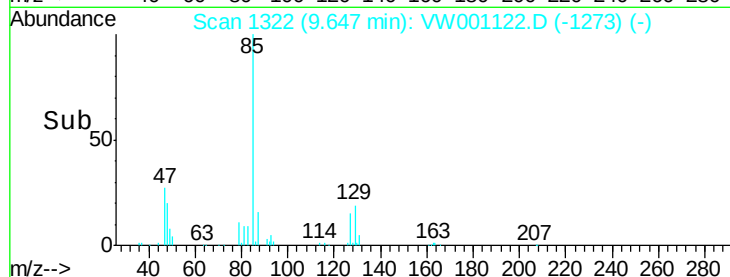
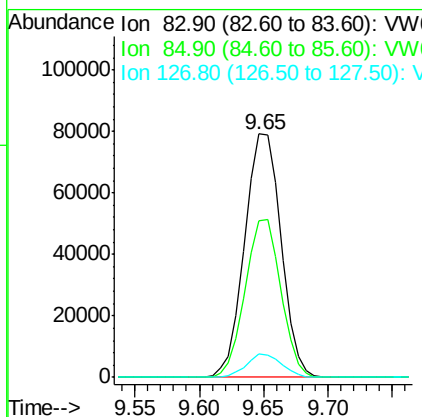
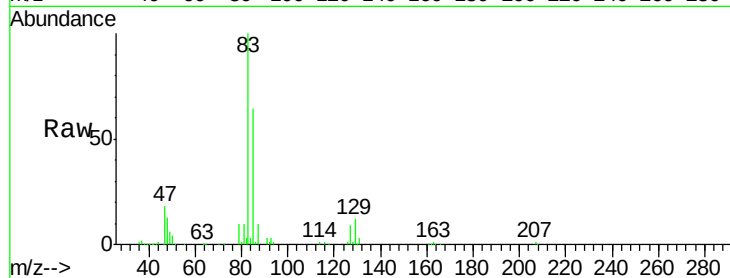
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	154902
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.5	77.3
127	9.4	7.6	11.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.99 ug/l

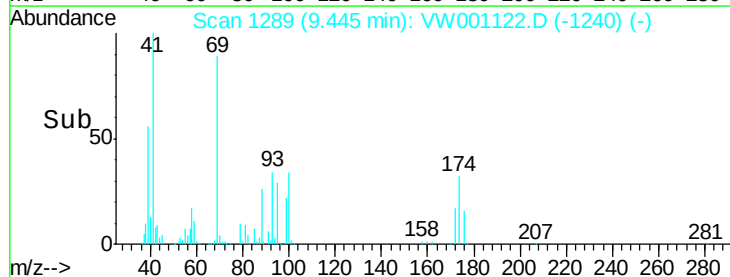
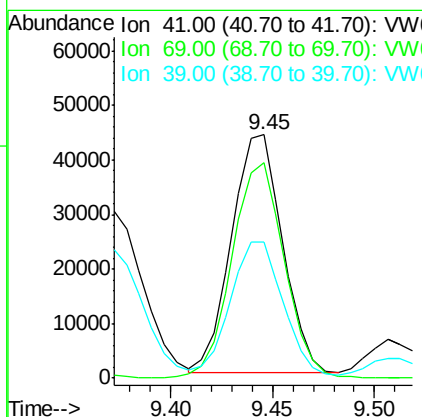
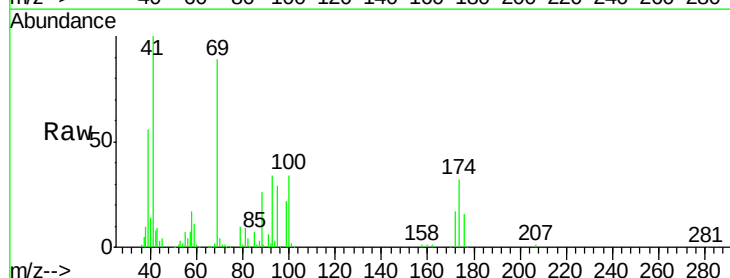
RT: 9.45 min Scan# 1289

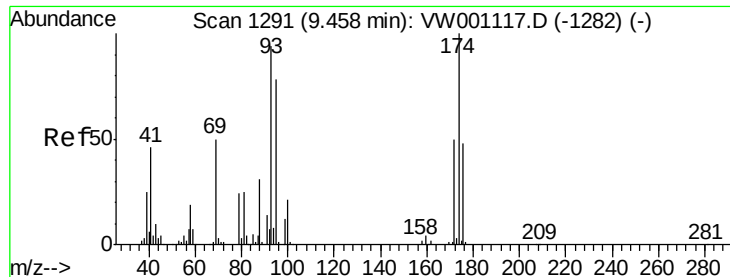
Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	41	Resp:	75835
Ion Ratio	Lower	Upper	
41	100		
69	93.2	74.9	112.3
39	60.1	47.6	71.4





#49

1,4-Dioxane

Concen: 1057.37 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 26878

Ion Ratio Lower Upper

88 100

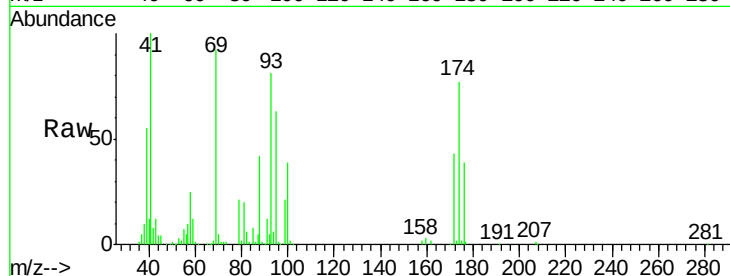
43 32.0 23.0 34.6

58 67.6 53.9 80.9

Manual Integrations
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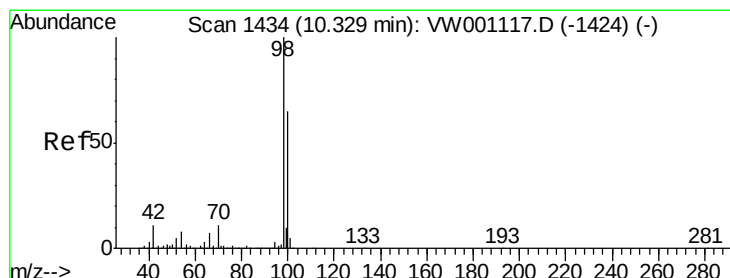
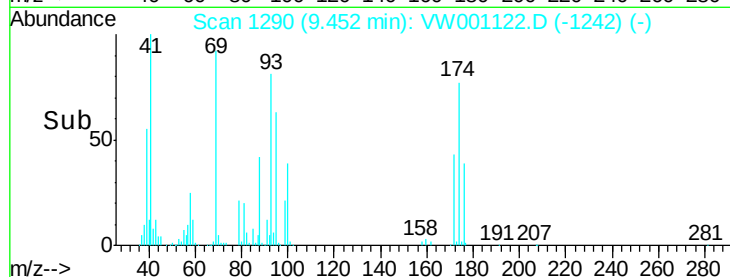
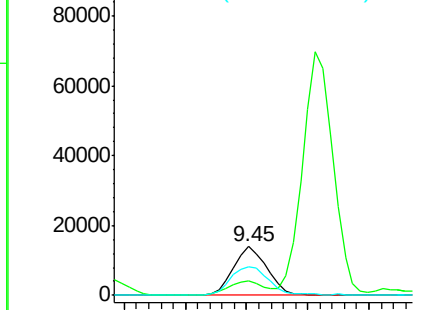
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Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.01 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW001122.D

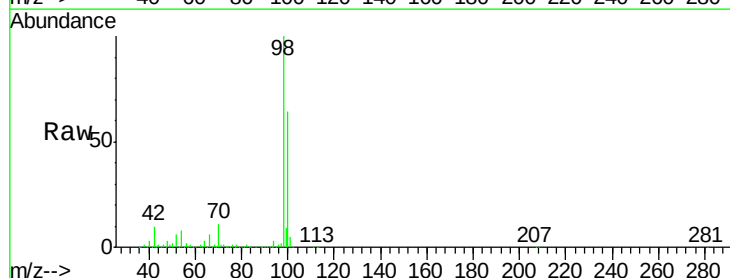
Acq: 29 Jan 2018 16:33

Tgt Ion: 98 Resp: 475963

Ion Ratio Lower Upper

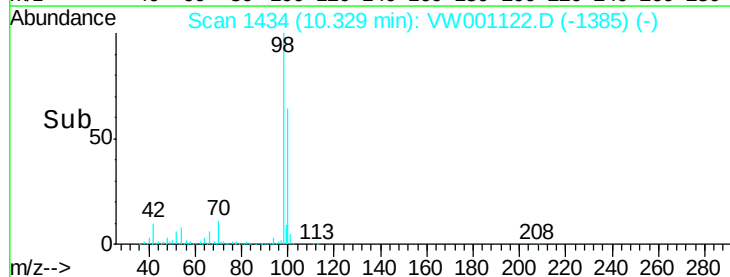
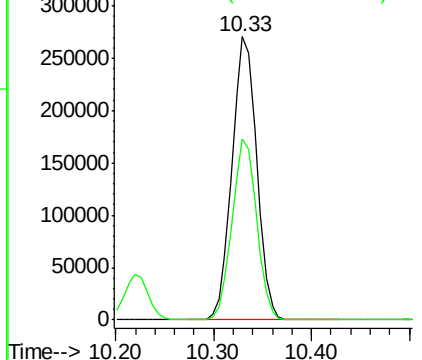
98 100

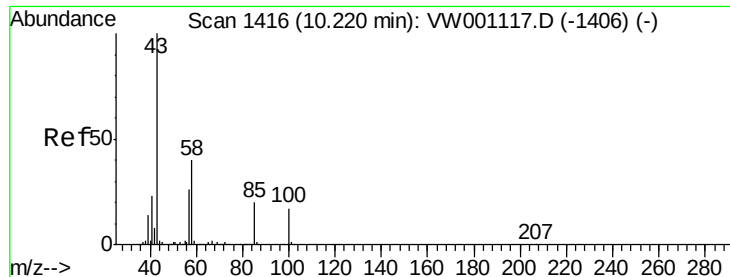
100 63.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





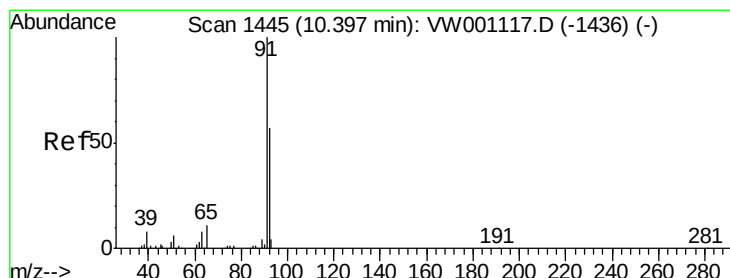
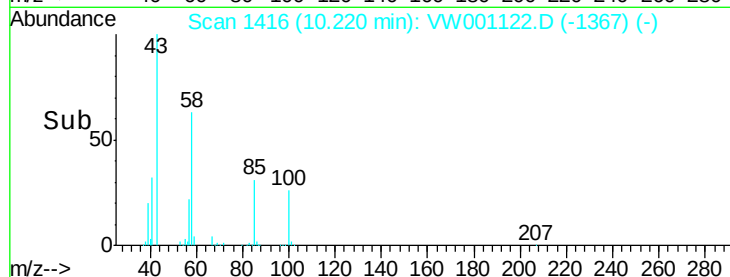
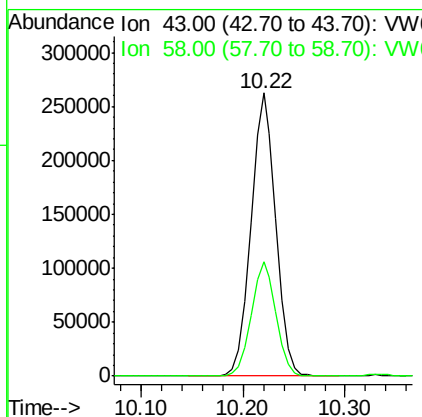
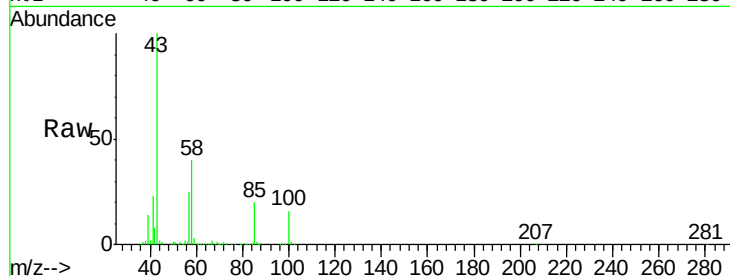
#51
4-Methyl-2-Pentanone
Concen: 260.83 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.1	48.1

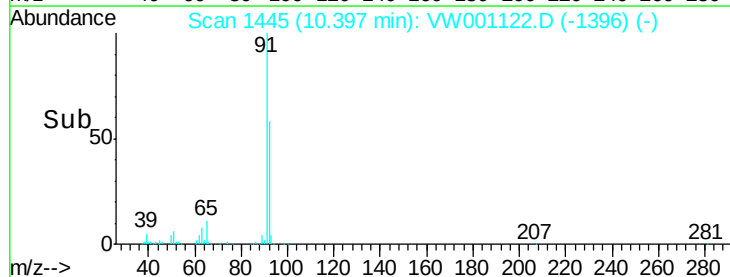
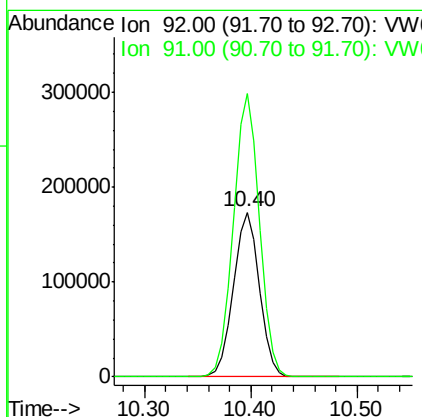
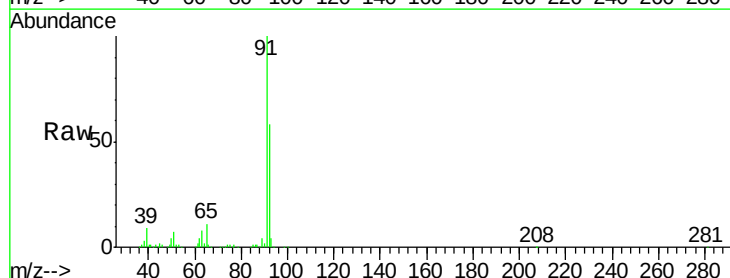
Manual Integrations
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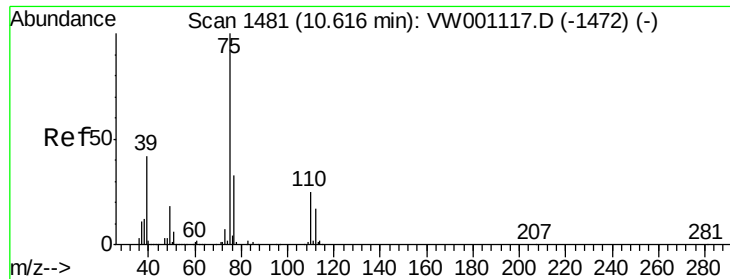
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#52
Toluene
Concen: 48.63 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	140.6	211.0





#53

t-1,3-Dichloropropene

Concen: 48.35 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 157445

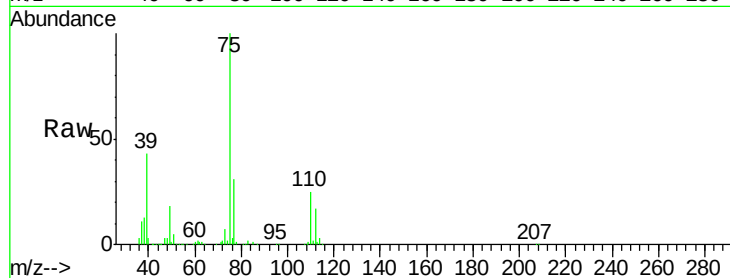
Ion Ratio Lower Upper

75 100

77 30.8 26.0 39.0

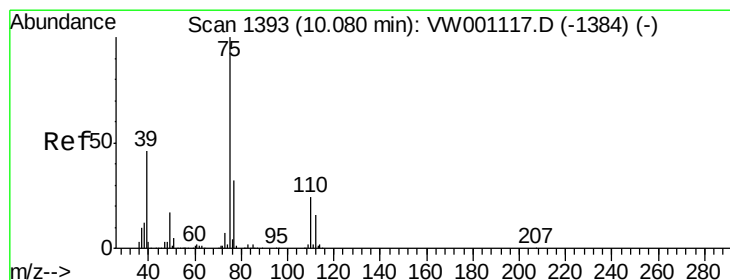
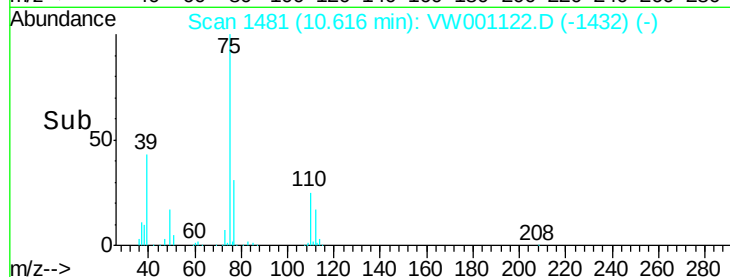
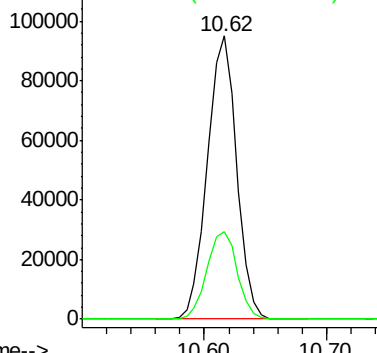
Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 48.19 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

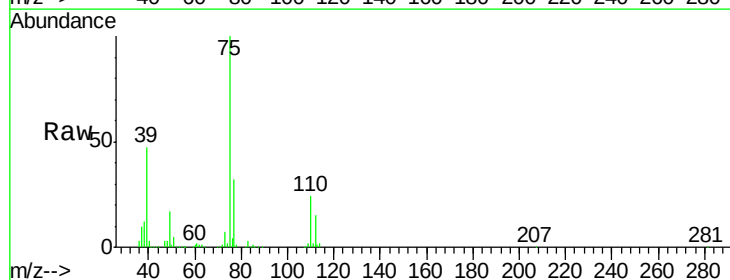
Tgt Ion: 75 Resp: 175196

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

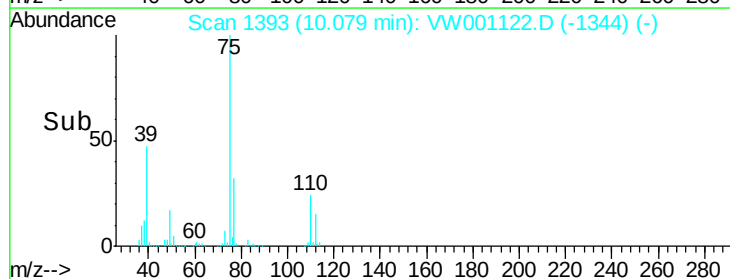
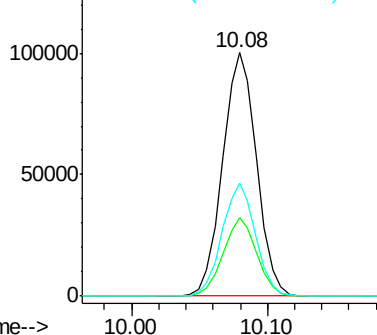
39 46.5 37.0 55.4

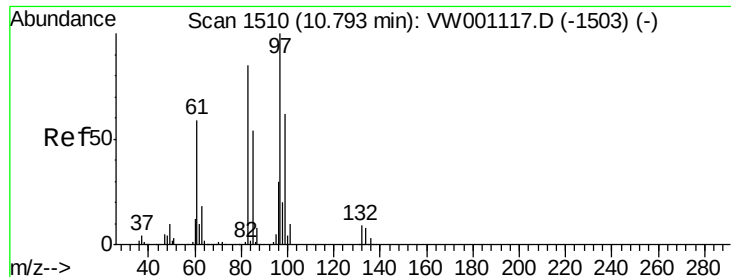


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





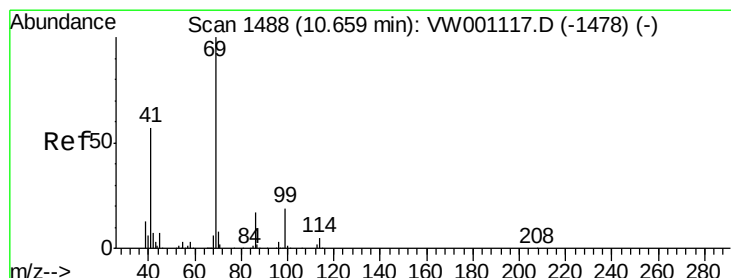
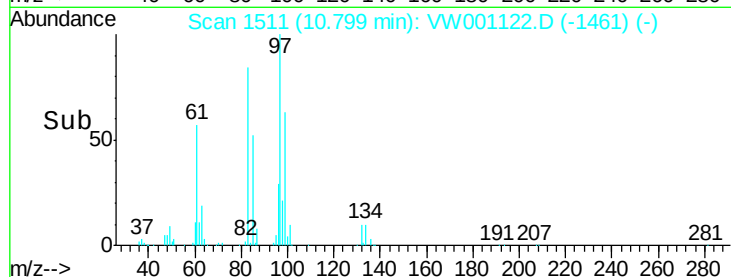
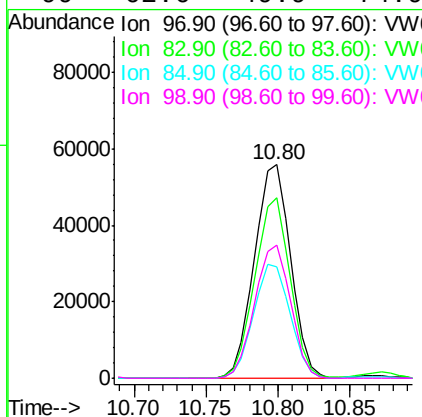
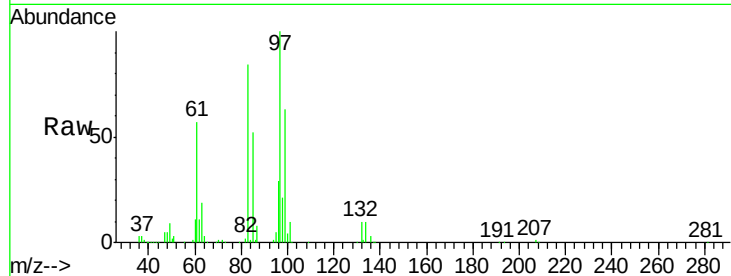
#55
 1,1,2-Trichloroethane
 Concen: 47.91 ug/l
 RT: 10.80 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	97435
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.7	101.5
85	52.4	43.0	64.6
99	62.6	49.9	74.9

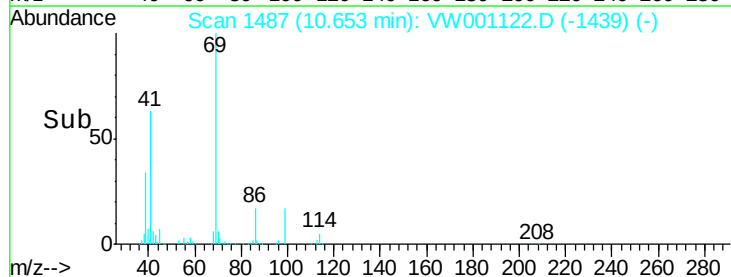
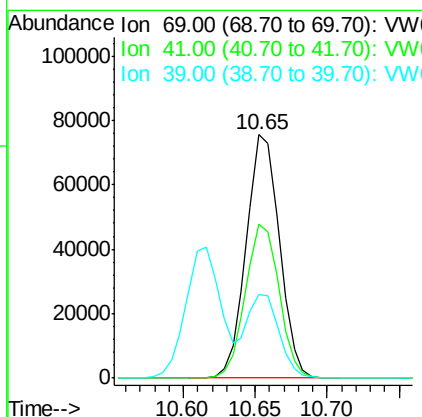
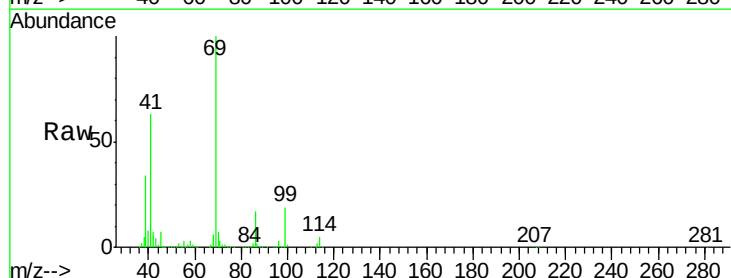
Manual Integrations
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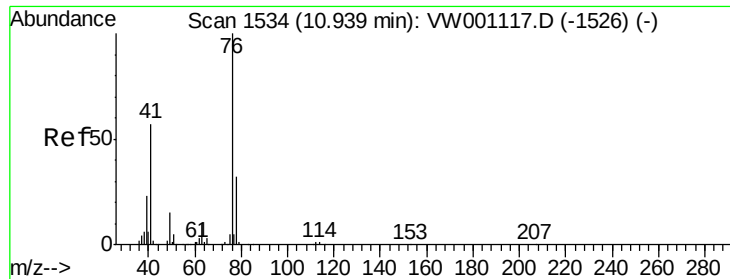
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#56
 Ethyl methacrylate
 Concen: 50.64 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion:	69	Resp:	120733
Ion	Ratio	Lower	Upper
69	100		
41	63.9	50.6	75.8
39	34.1	27.5	41.3





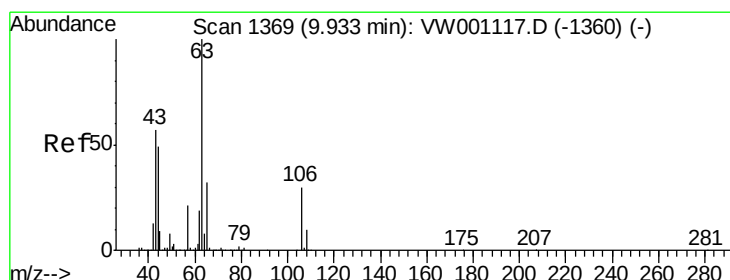
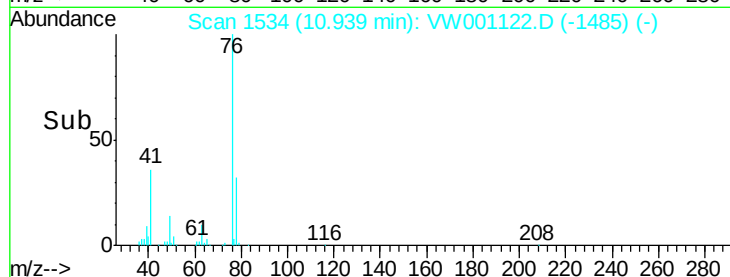
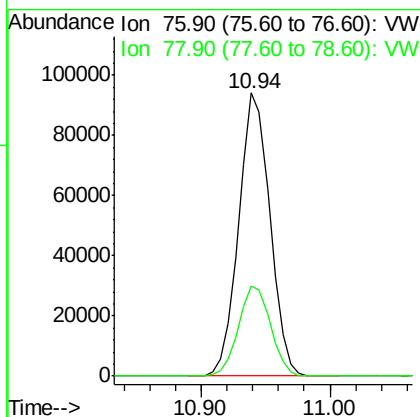
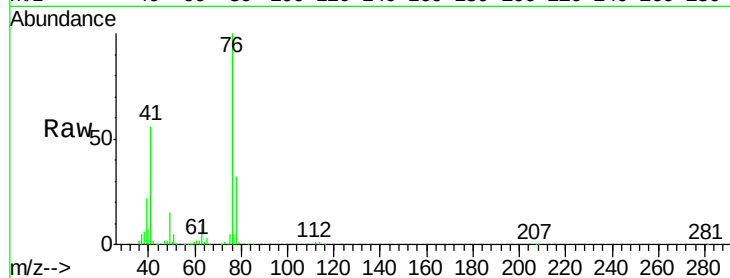
#57
 1,3-Dichloropropane
 Concen: 47.72 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 157782
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5

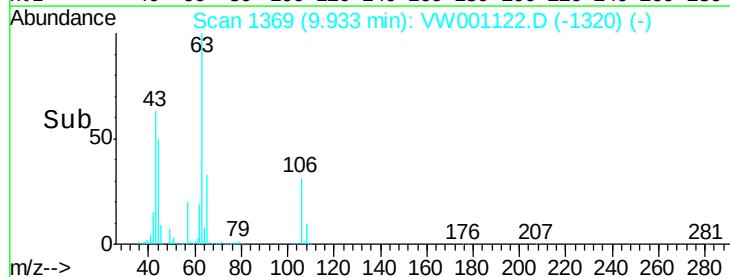
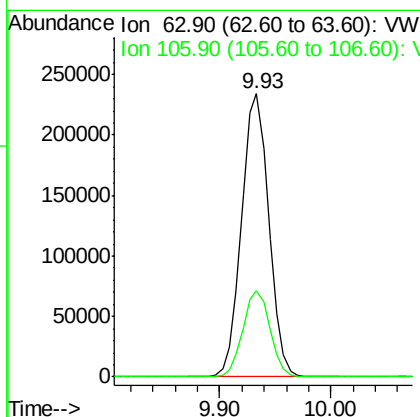
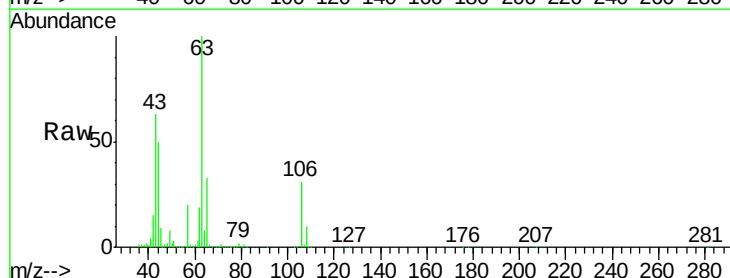
Manual Integrations
 APPROVED

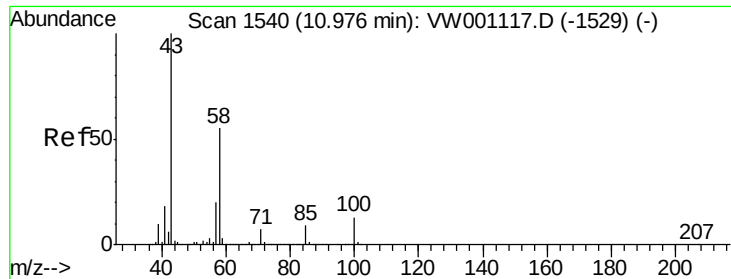
MM Dadoda
 1/30/2018 5:46:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.94 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion: 63 Resp: 397794
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.2 36.4





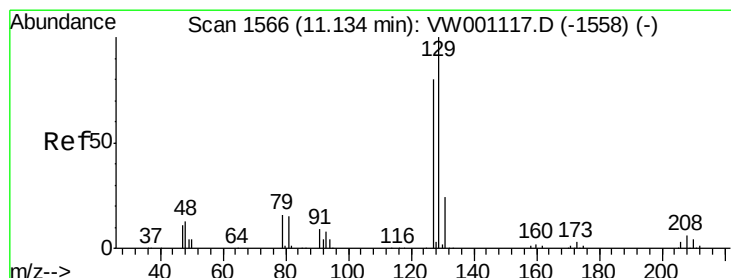
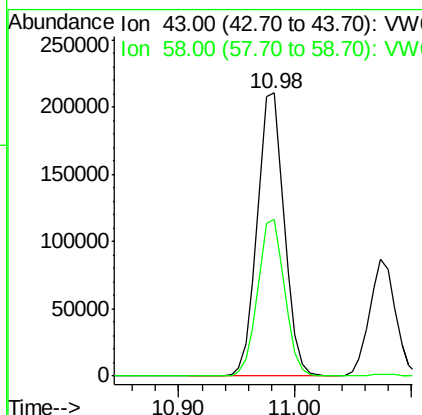
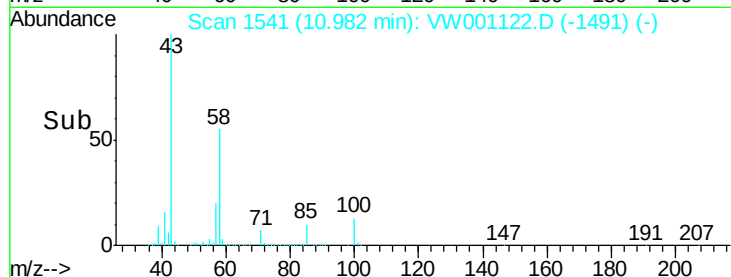
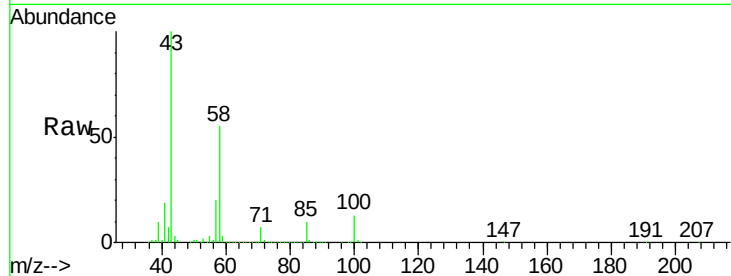
#59
2-Hexanone
Concen: 266.96 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 343410
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.0

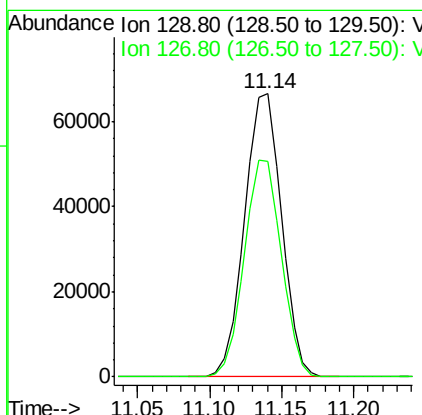
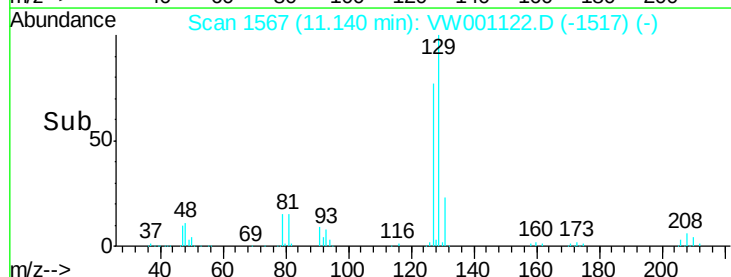
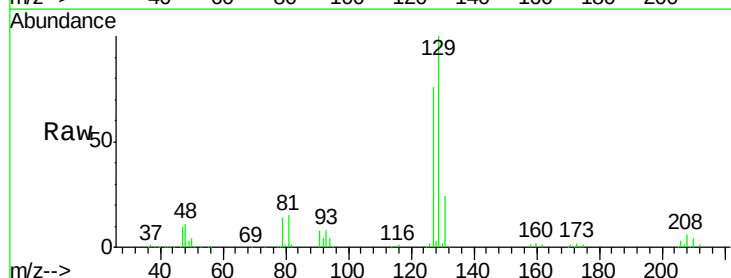
Manual Integrations
APPROVED

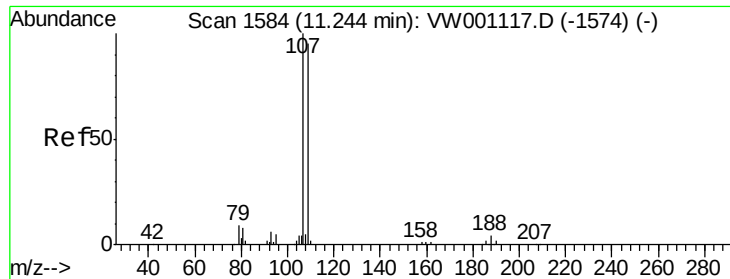
MMDadoda
1/30/2018 5:46:56 PM



#60
Dibromochloromethane
Concen: 47.74 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion: 129 Resp: 118300
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





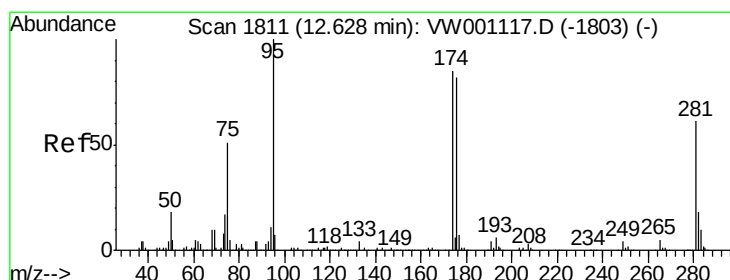
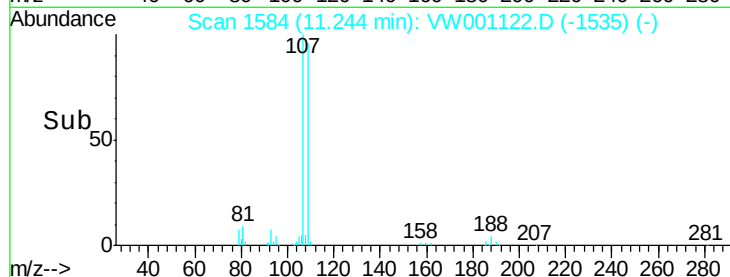
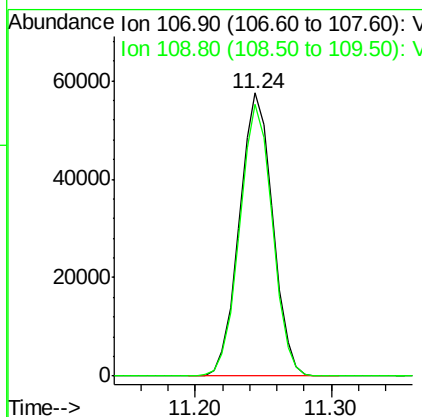
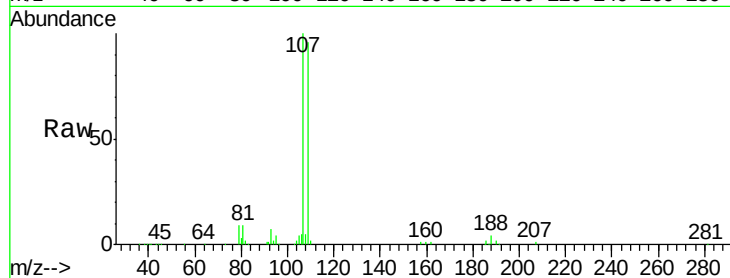
#61
 1,2-Dibromoethane
 Concen: 47.98 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.8

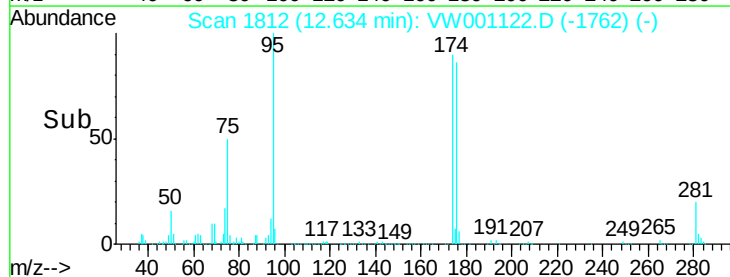
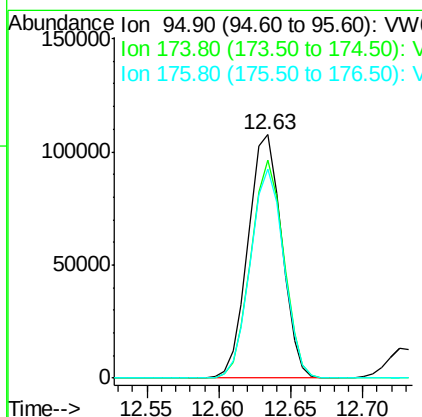
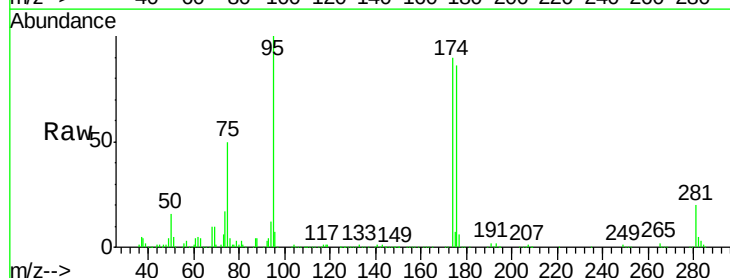
Manual Integrations
 APPROVED

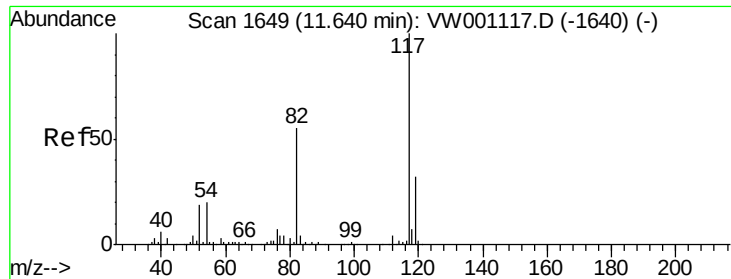
MMDadoda
 1/30/2018 5:46:56 PM



#62
 4-Bromofluorobenzene
 Concen: 50.58 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	179.6
176	85.0	0.0	174.4





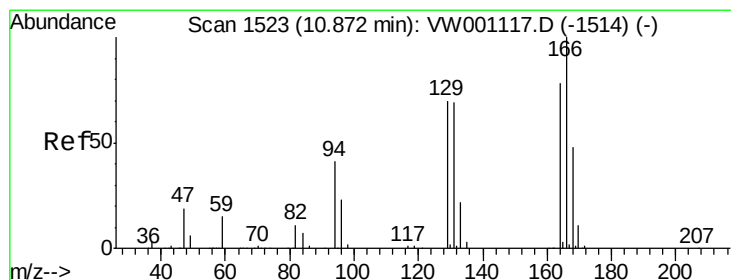
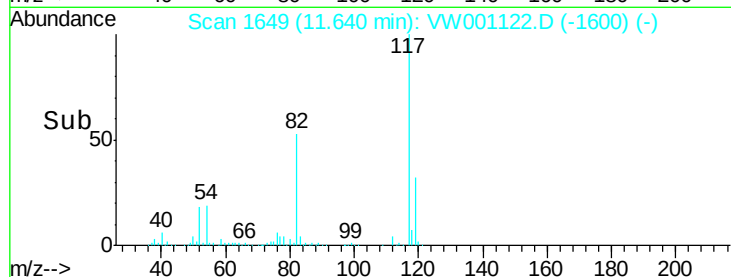
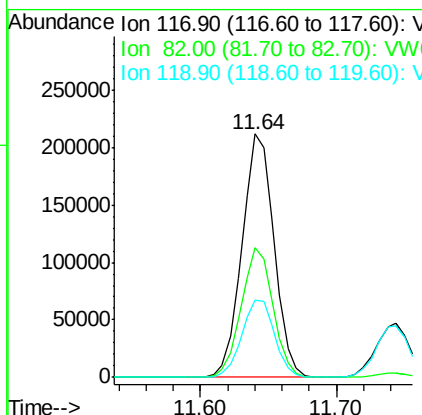
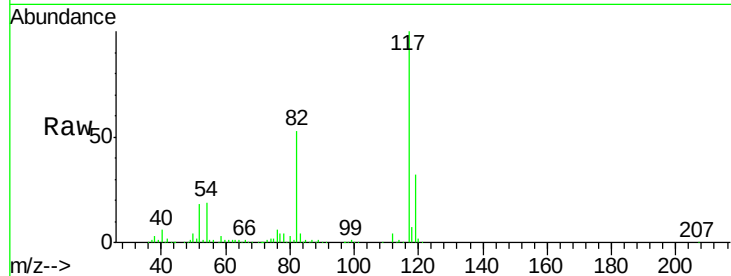
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.8	65.8
119	31.6	25.8	38.8

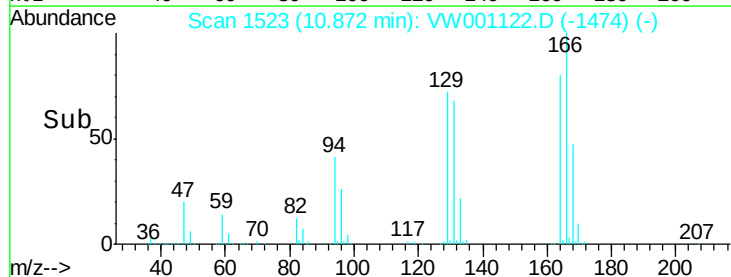
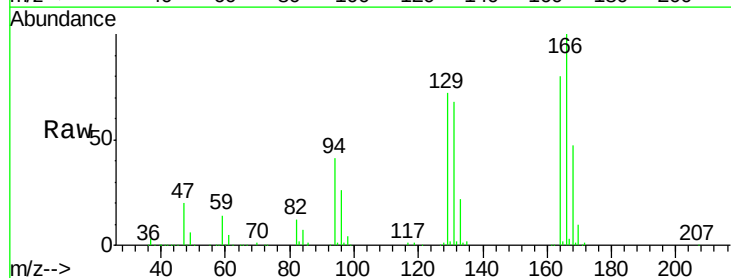
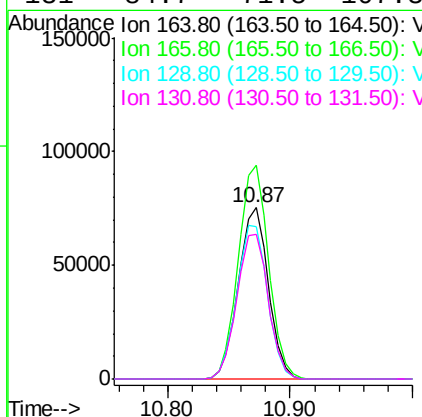
Manual Integrations
APPROVED

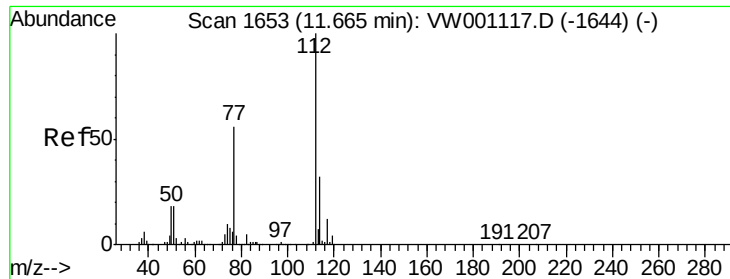
MMDadoda
1/30/2018 5:46:56 PM



#64
Tetrachloroethene
Concen: 45.91 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	103.1	154.7
129	89.2	72.3	108.5
131	84.7	71.5	107.3





#65

Chlorobenzene

Concen: 47.73 ug/l

RT: 11.67 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 335059

Ion Ratio Lower Upper

112 100

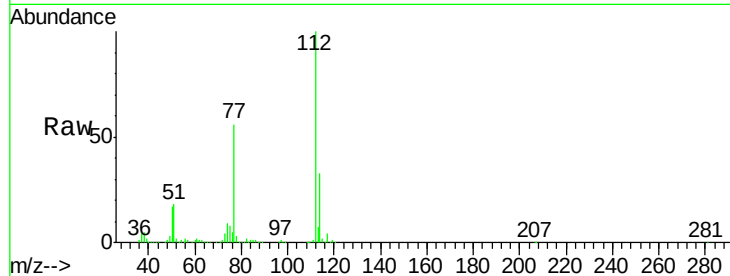
114 32.8 25.5 38.3

Manual Integrations

APPROVED

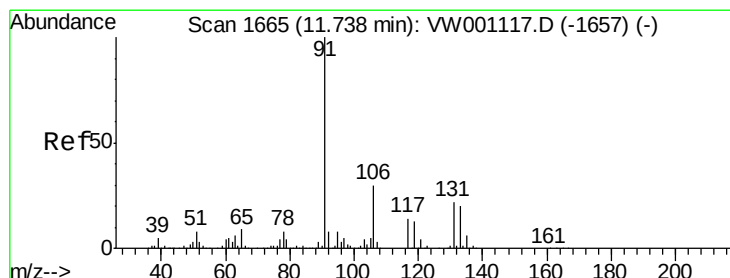
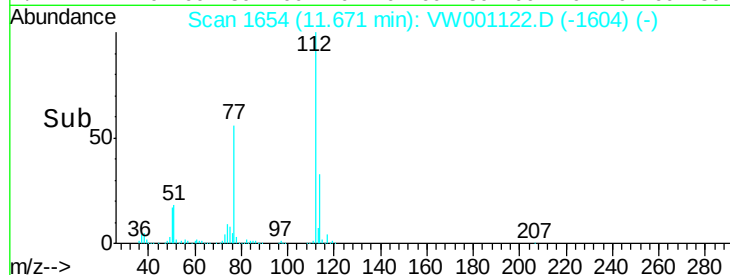
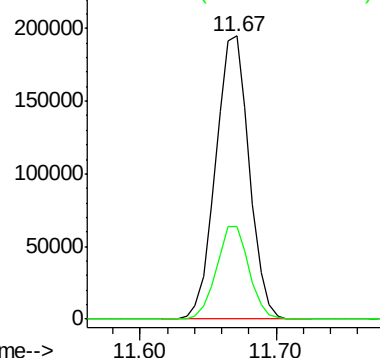
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.60 ug/l

RT: 11.74 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

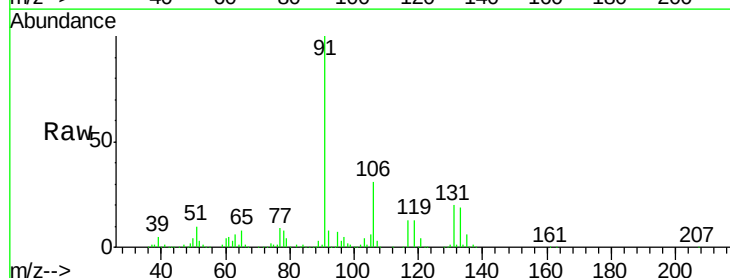
Tgt Ion:131 Resp: 122025

Ion Ratio Lower Upper

131 100

133 96.1 47.3 141.8

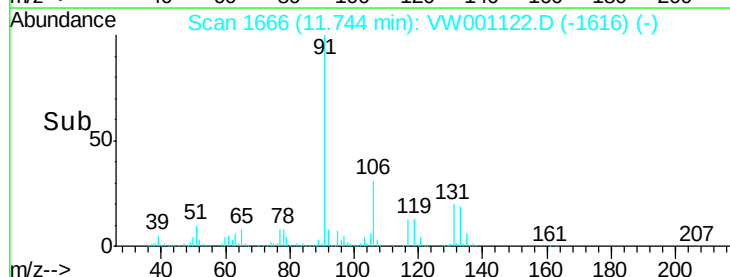
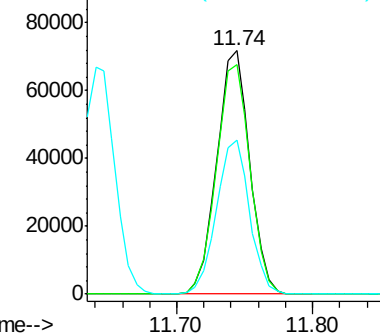
119 63.2 31.5 94.5

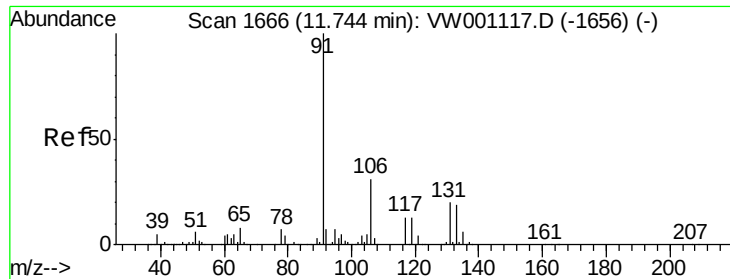


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





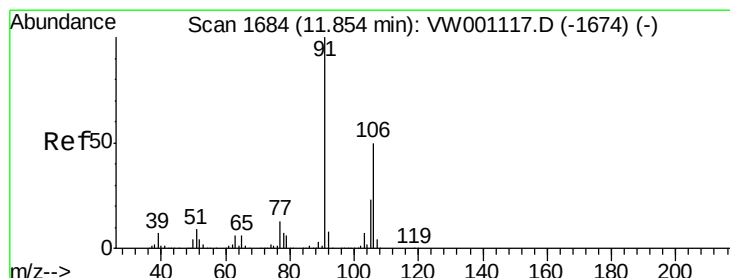
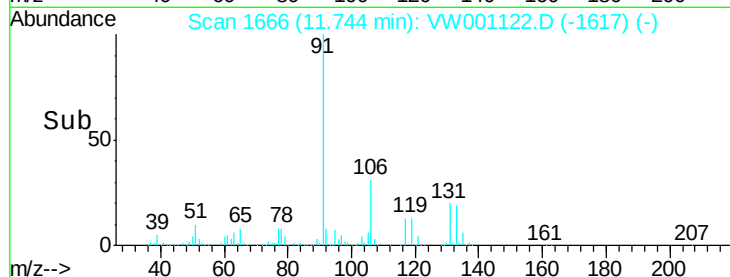
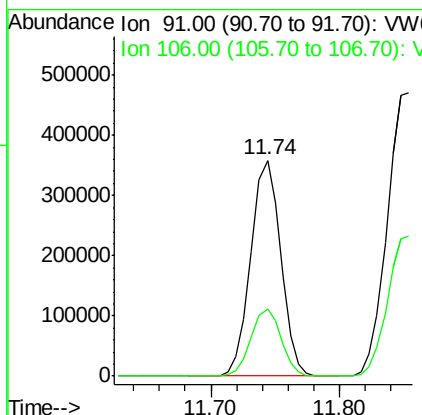
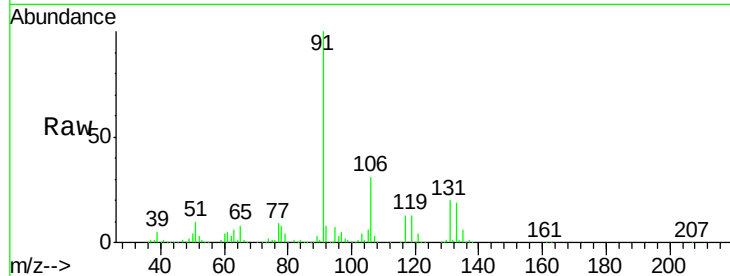
#67
Ethyl Benzene
Concen: 49.10 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 575325
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

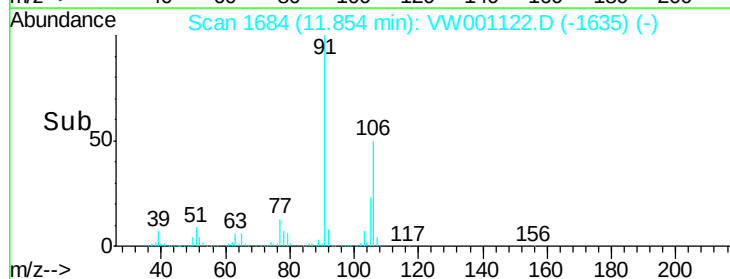
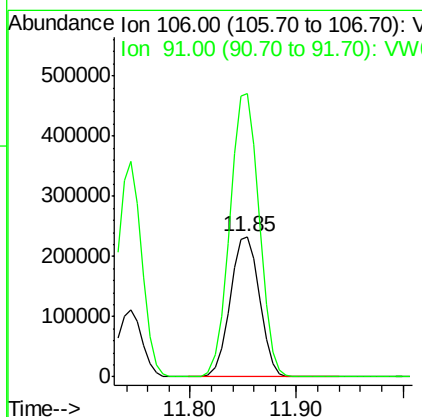
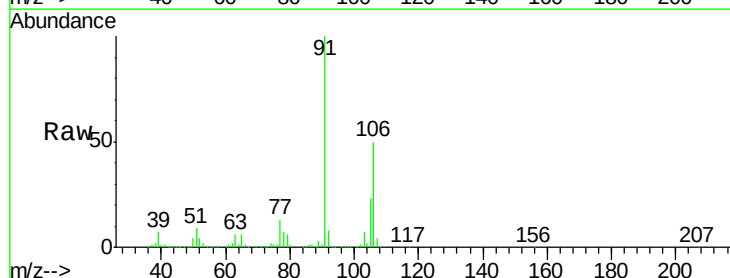
Manual Integrations
APPROVED

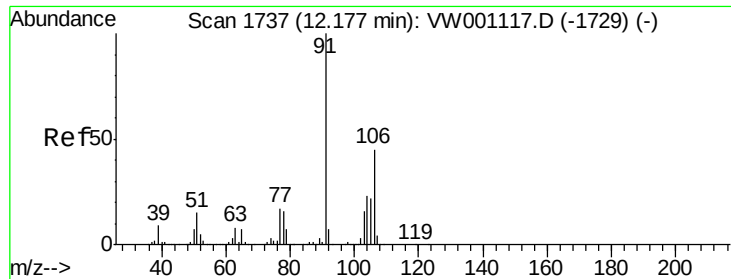
MMDadoda
1/30/2018 5:46:56 PM



#68
m/p-Xylenes
Concen: 98.69 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion: 106 Resp: 450556
Ion Ratio Lower Upper
106 100
91 201.8 163.1 244.7





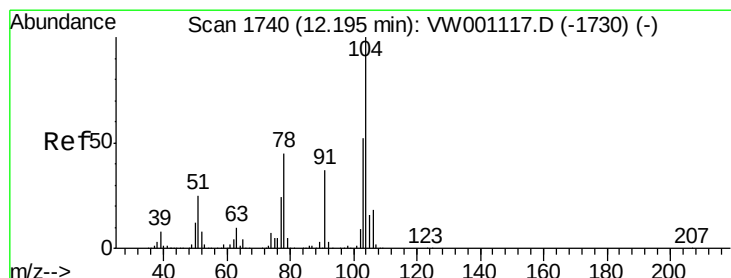
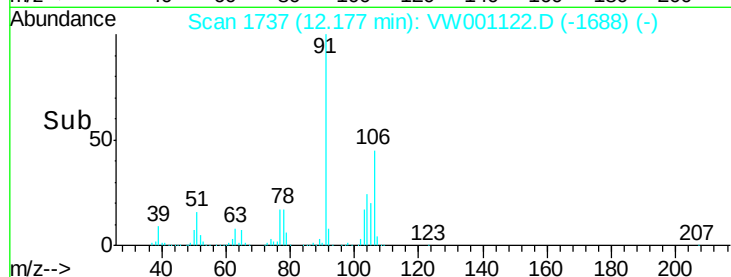
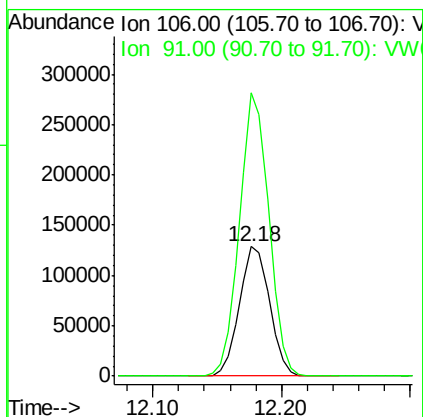
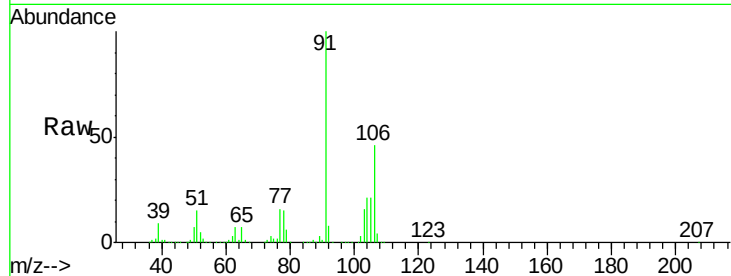
#69
o-Xylene
Concen: 49.58 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.8	107.6	322.8

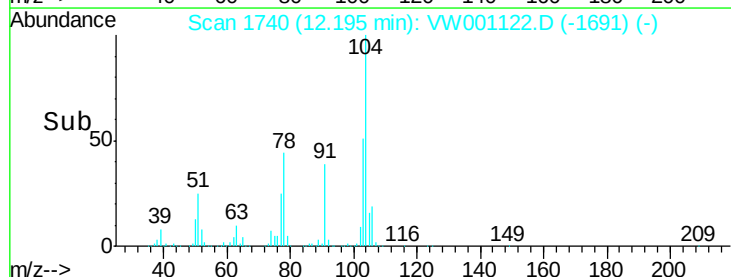
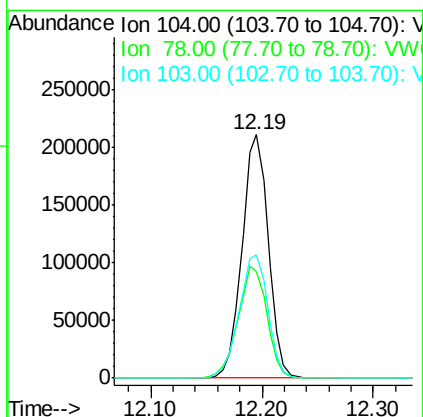
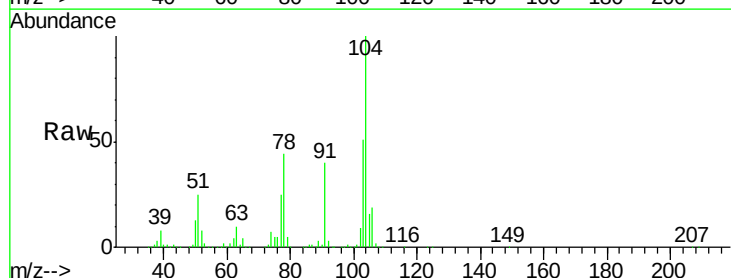
Manual Integrations
APPROVED

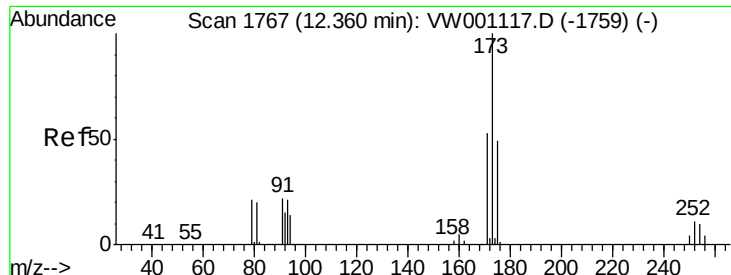
MMDadoda
1/30/2018 5:46:56 PM



#70
Styrene
Concen: 49.87 ug/l
RT: 12.19 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.9	59.9
103	55.6	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: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 82054

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.6

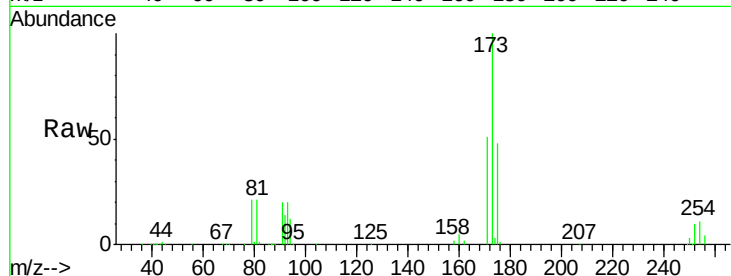
254 0.1 0.1 0.1#

Manual Integrations

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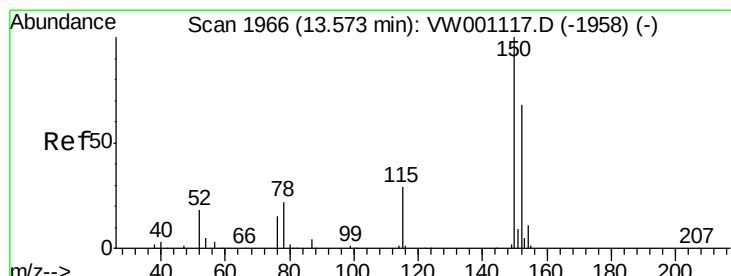
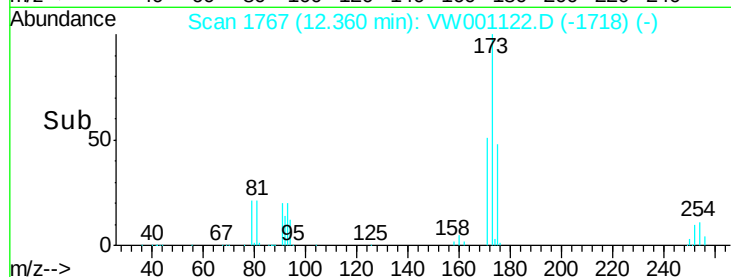
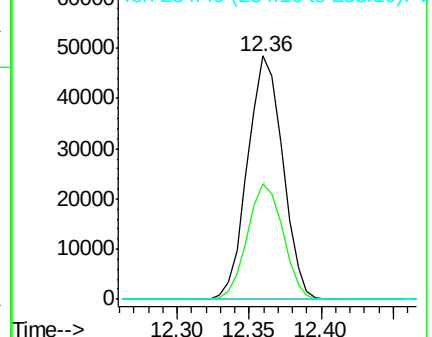
1/30/2018 5:46:56 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

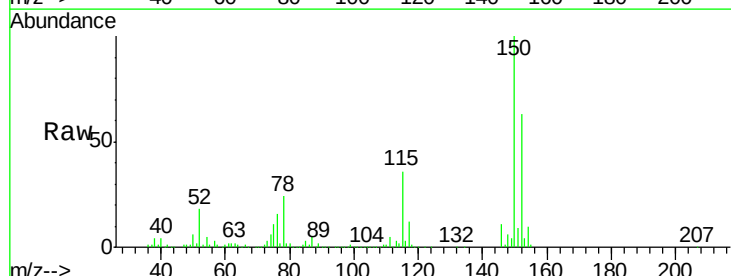
Tgt Ion:152 Resp: 188614

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.3

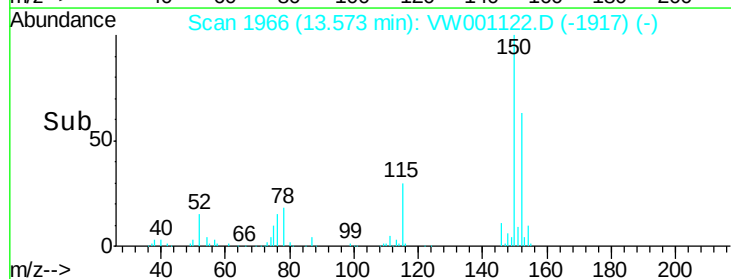
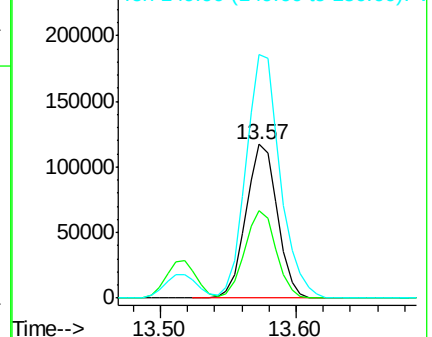
150 172.3 0.0 342.4

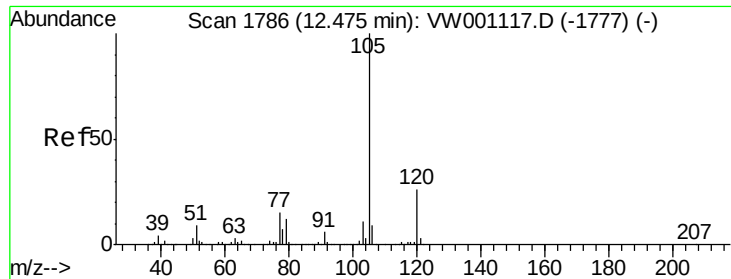


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





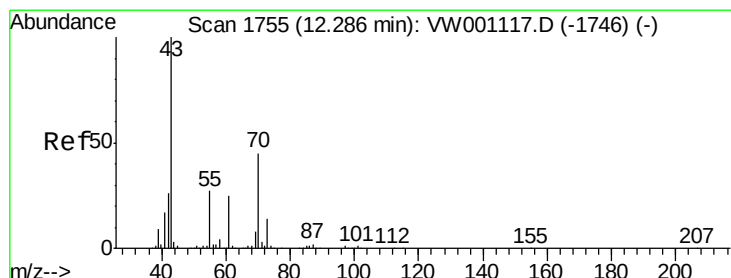
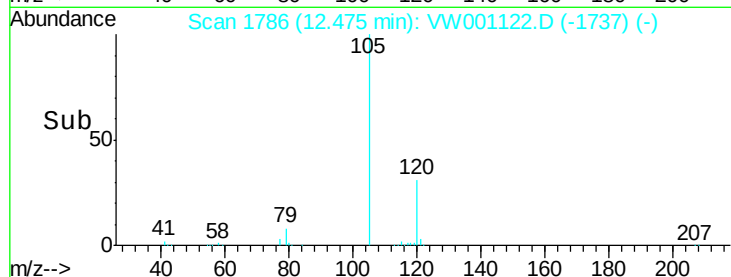
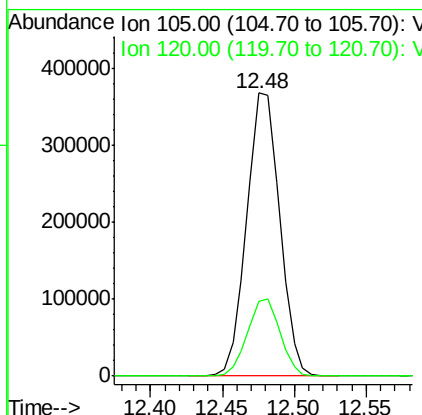
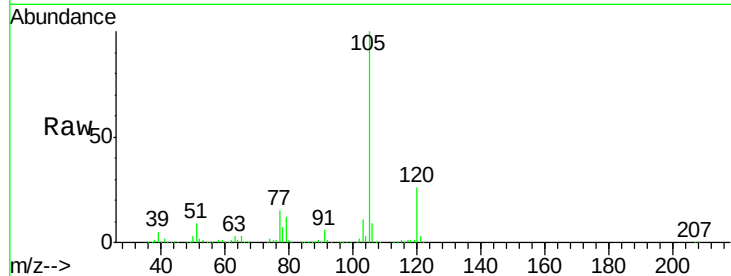
#73
Isopropylbenzene
Concen: 49.40 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.3	39.9

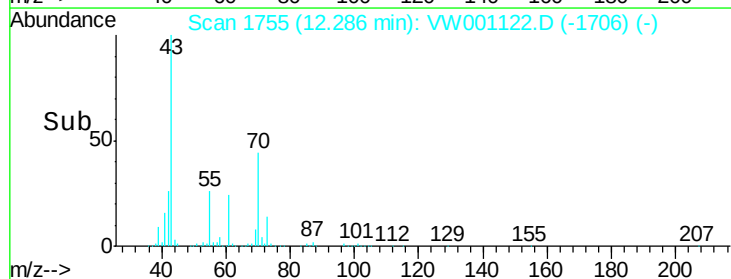
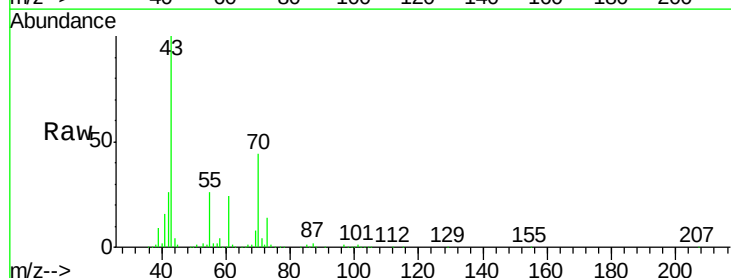
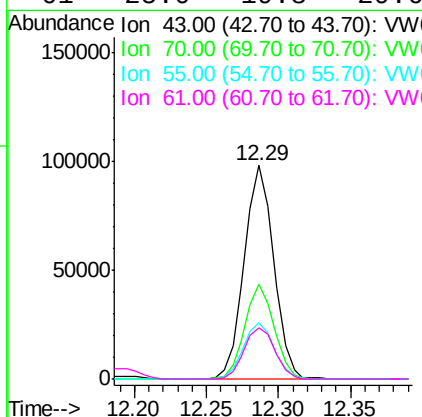
Manual Integrations
APPROVED

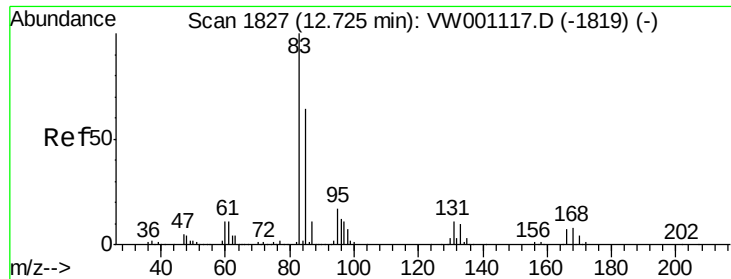
MMDadoda
1/30/2018 5:46:56 PM



#74
N-ethyl acetate
Concen: 51.72 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	36.0	54.0
55	27.2	21.7	32.5
61	25.0	19.8	29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.59 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

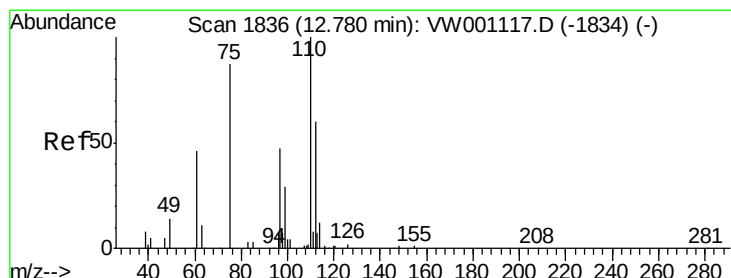
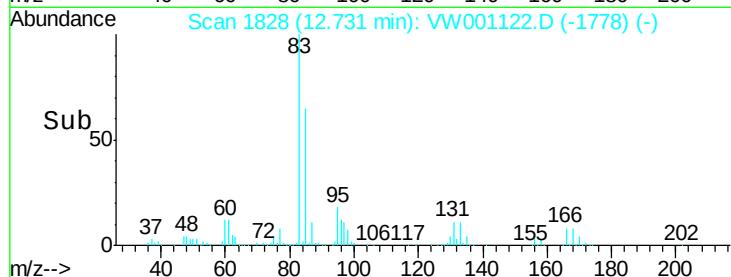
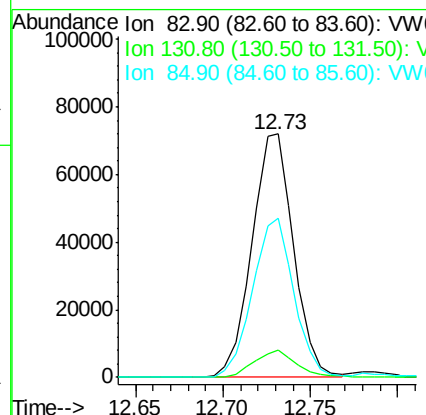
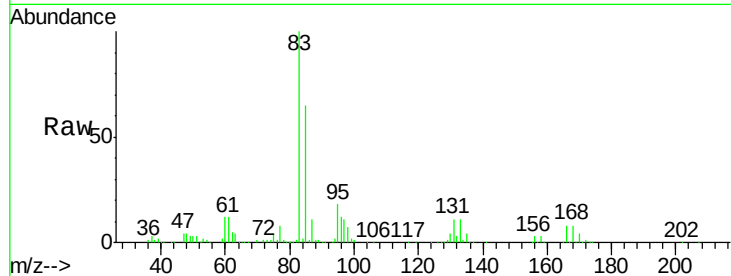
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	119831
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	64.8	32.3	96.9

Manual Integrations
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1/30/2018 5:46:56 PM



#76

1,2,3-Trichloropropane

Concen: 46.93 ug/l m

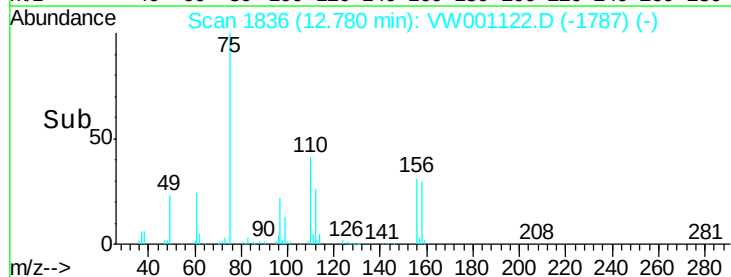
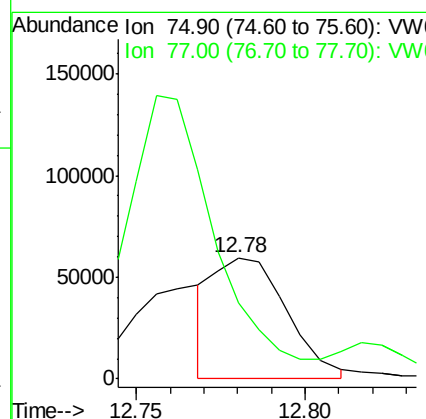
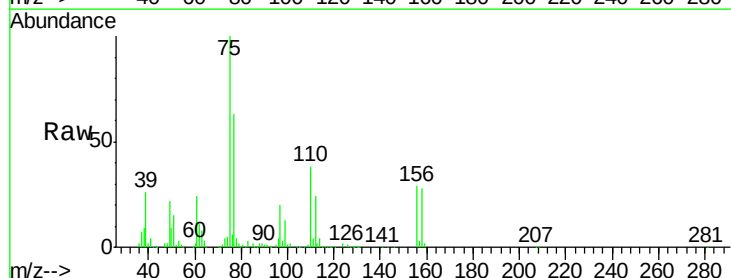
RT: 12.78 min Scan# 1836

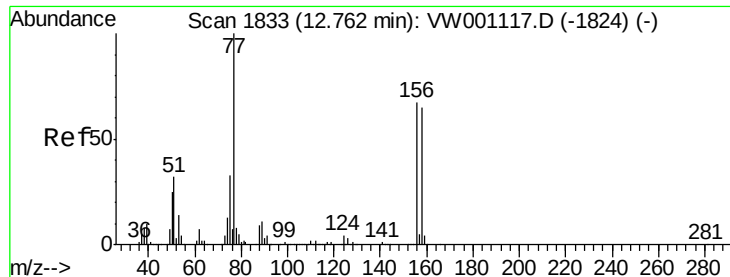
Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	75	Resp:	89720
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.40 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

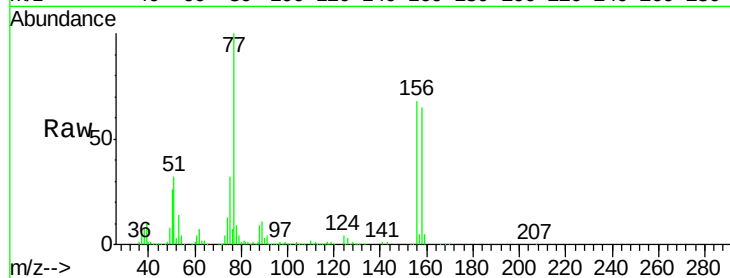
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	148445
Ion Ratio	Lower	Upper	
156	100		
77	176.3	85.3	255.8
158	96.0	48.9	146.7

Manual Integrations
APPROVED

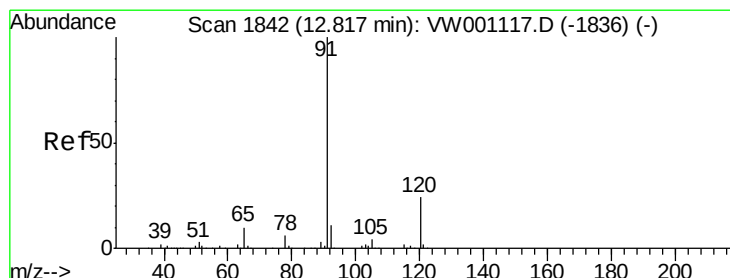
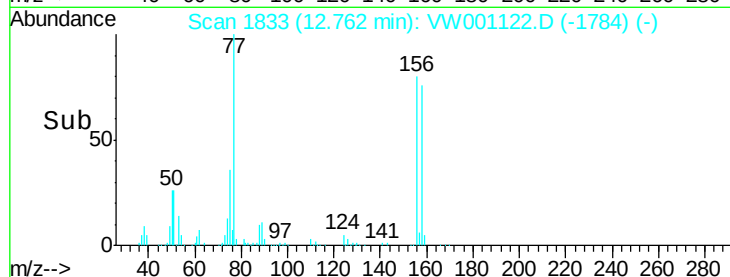
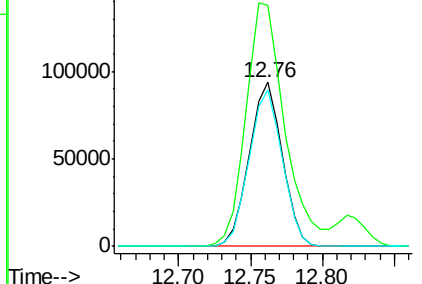
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.55 ug/l

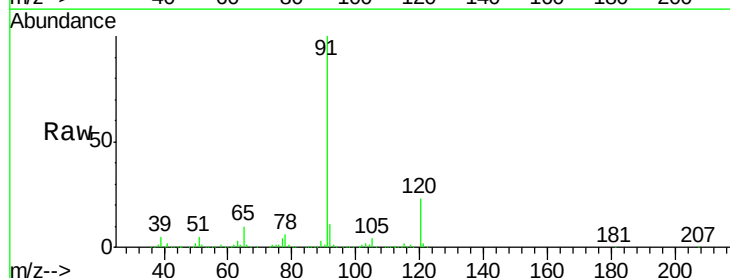
RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW001122.D

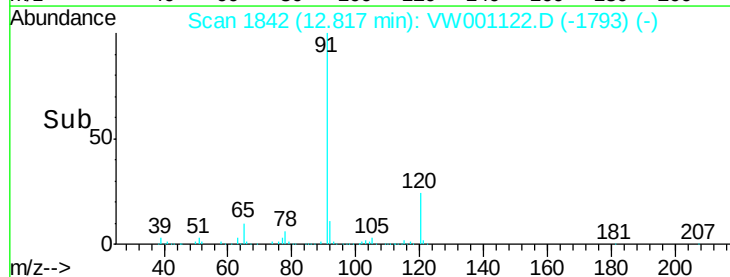
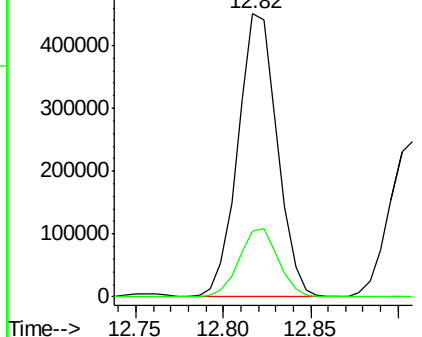
Acq: 29 Jan 2018 16:33

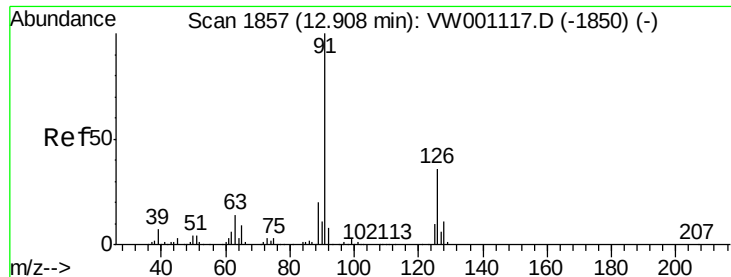
Tgt Ion:	91	Resp:	700780
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.88 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 395679

Ion Ratio Lower Upper

91 100

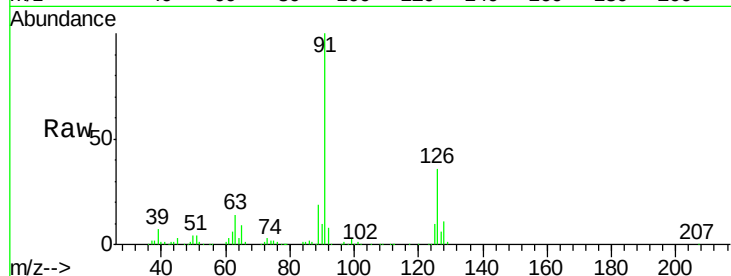
126 35.5 17.5 52.6

Manual Integrations

APPROVED

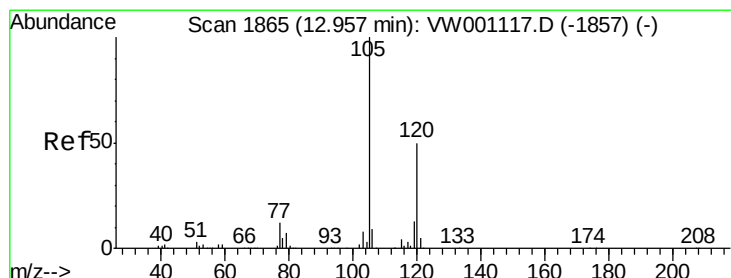
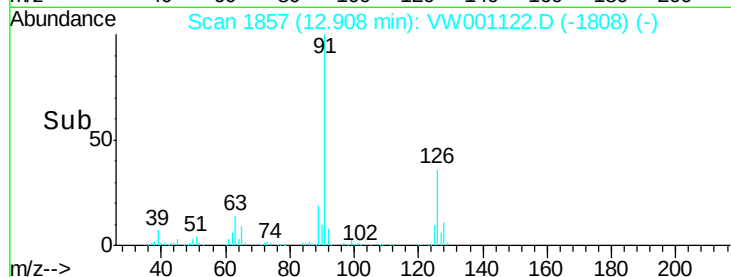
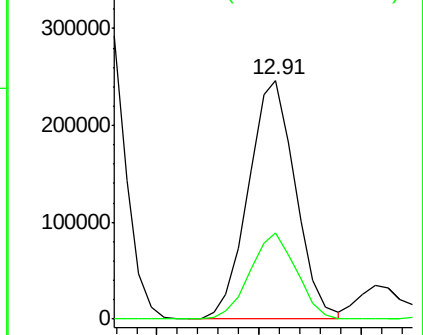
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.43 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW001122.D

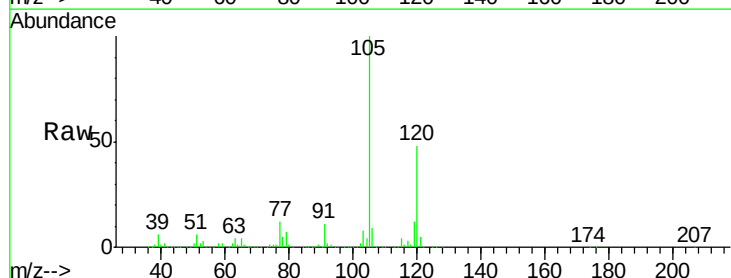
Acq: 29 Jan 2018 16:33

Tgt Ion: 105 Resp: 499432

Ion Ratio Lower Upper

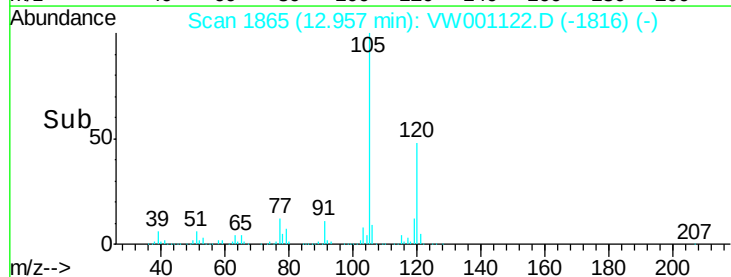
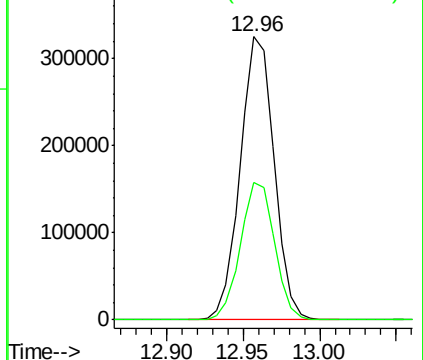
105 100

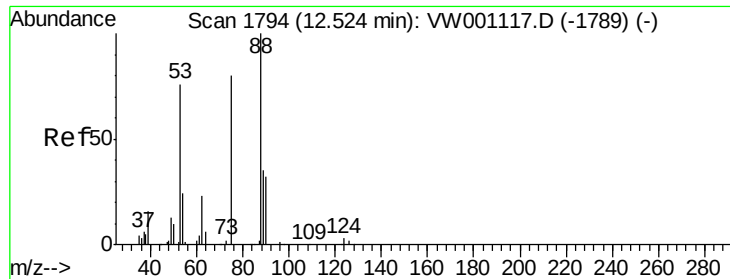
120 49.0 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





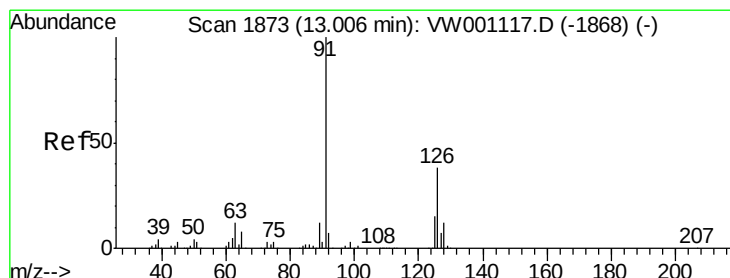
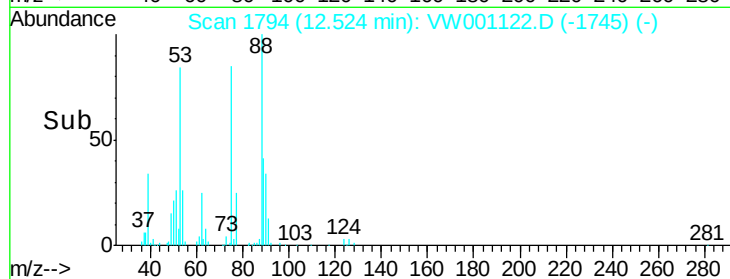
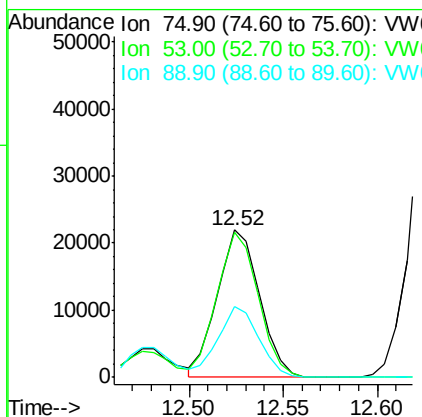
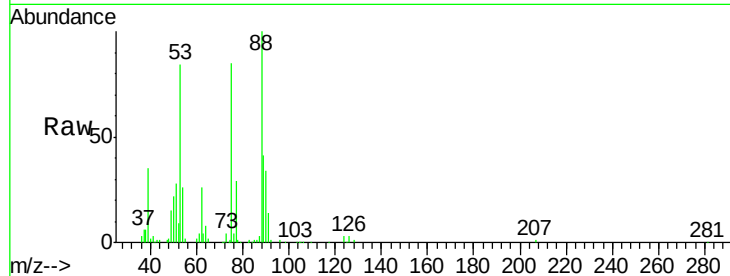
#81
trans-1,4-Dichloro-2-butene
Concen: 47.17 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	75.0	112.6
89	46.9	38.2	57.4

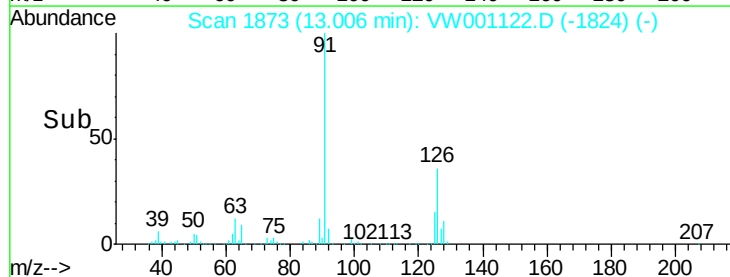
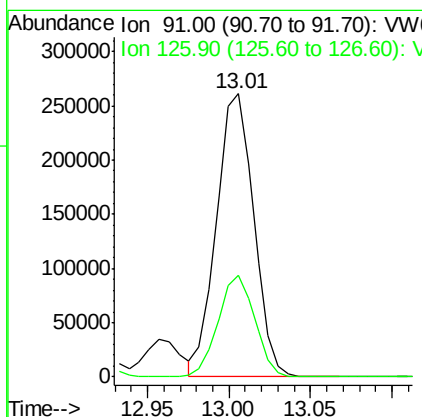
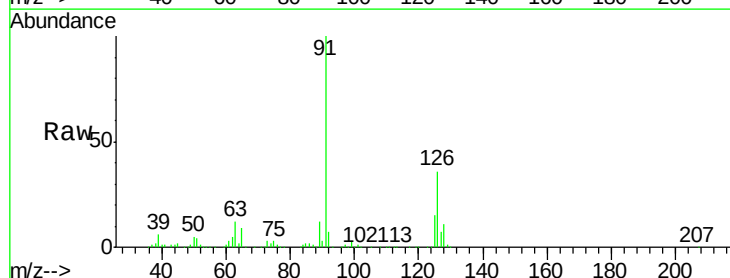
Manual Integrations
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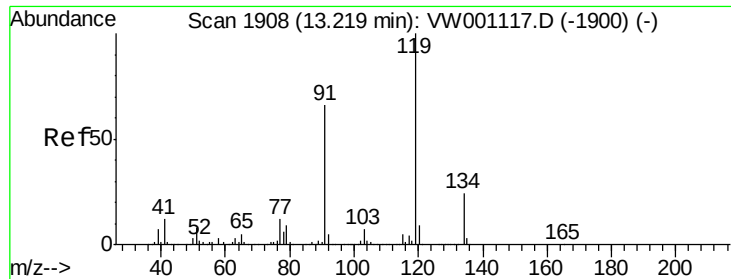
MMDadoda
1/30/2018 5:46:56 PM



#82
4-Chlorotoluene
Concen: 48.16 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.8	53.4





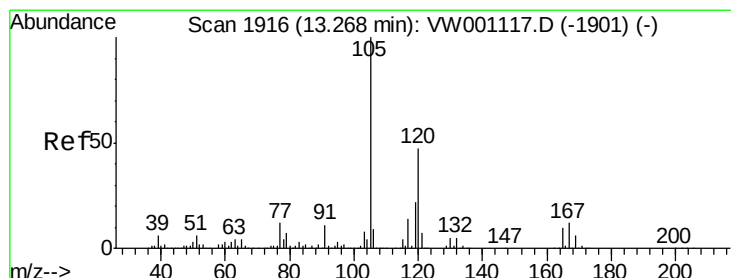
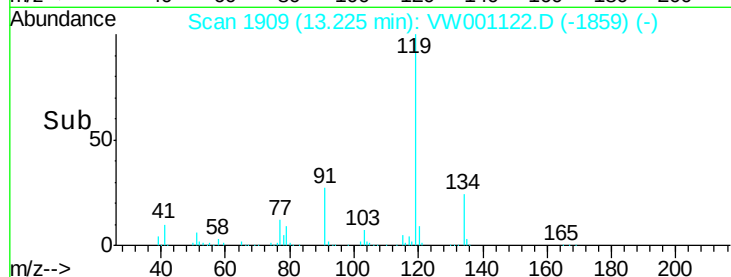
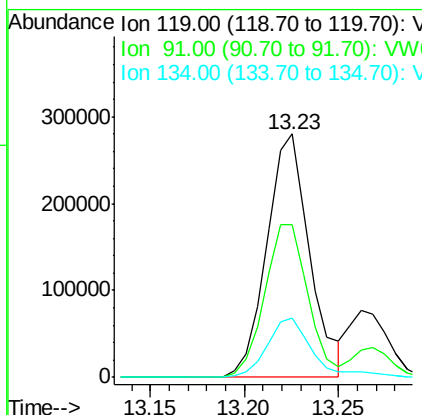
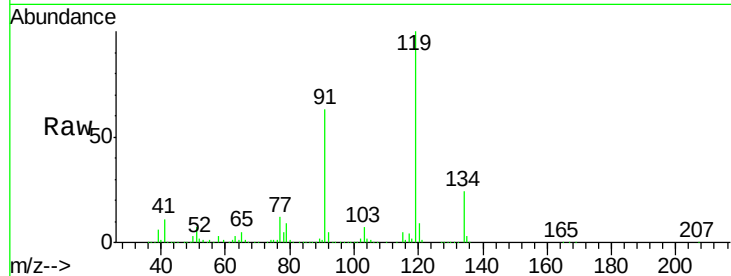
#83
 tert-Butylbenzene
 Concen: 49.48 ug/l
 RT: 13.23 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	31.9	95.5
134	25.8	12.7	38.0

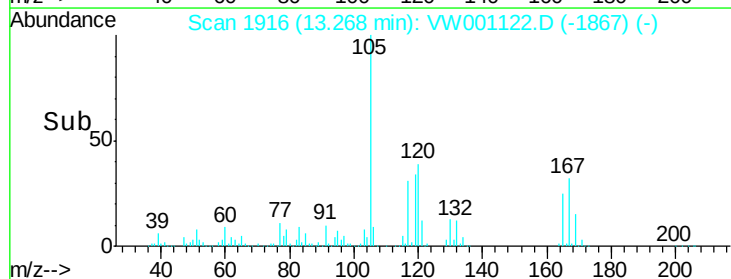
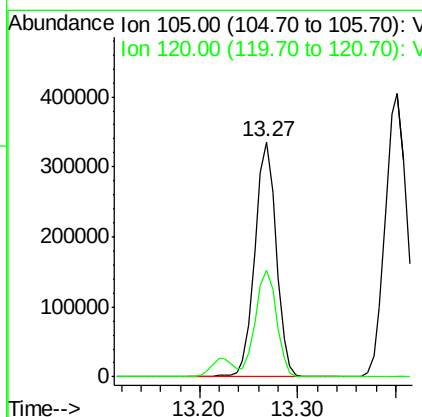
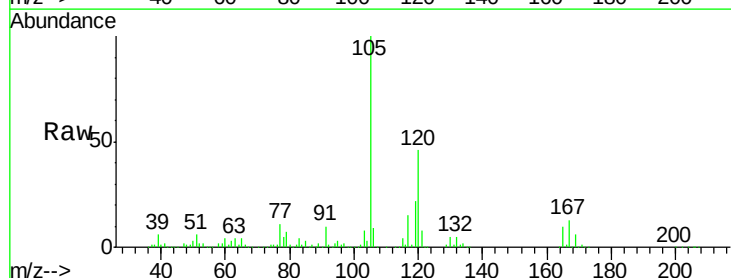
Manual Integrations
 APPROVED

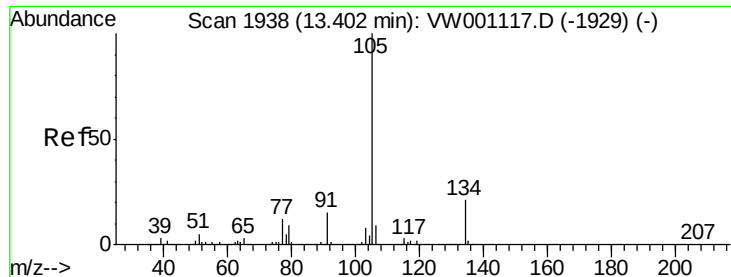
MMDadoda
 1/30/2018 5:46:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.80 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.8





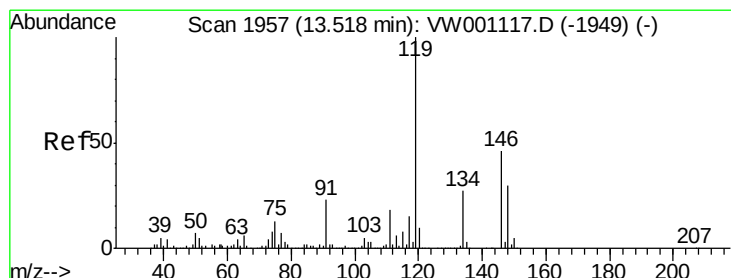
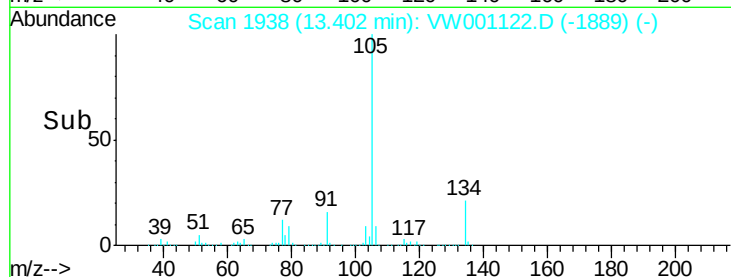
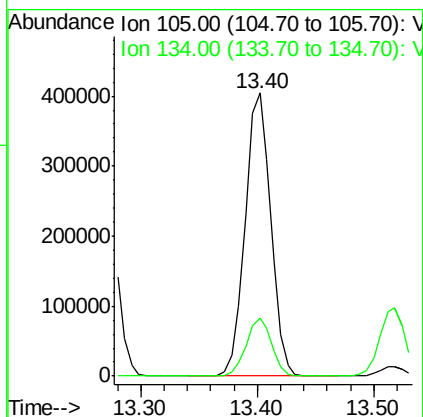
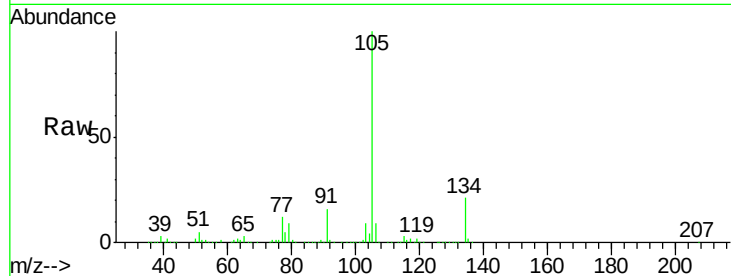
#85
 sec-Butylbenzene
 Concen: 49.24 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.3	30.8

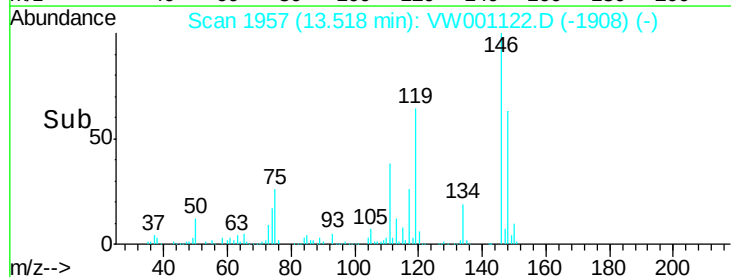
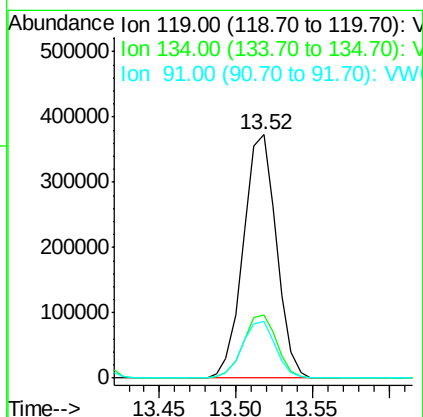
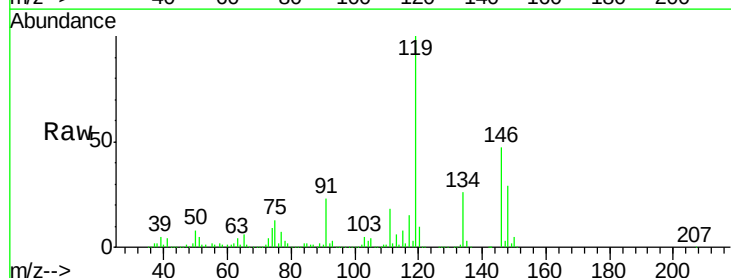
Manual Integrations
 APPROVED

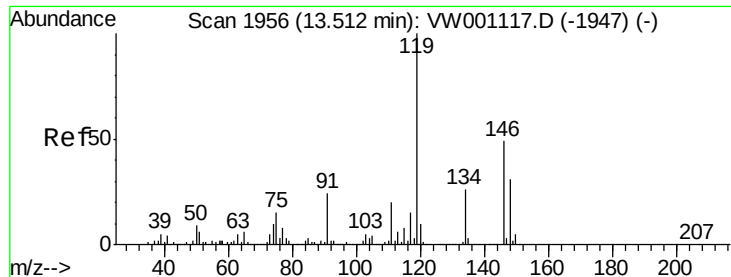
MMDadoda
 1/30/2018 5:46:56 PM



#86
 p-Isopropyltoluene
 Concen: 49.86 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.1
91	23.5	11.8	35.4





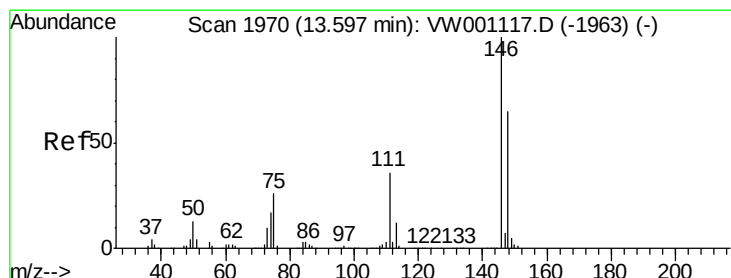
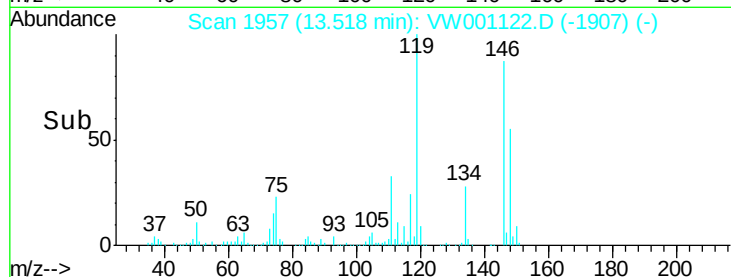
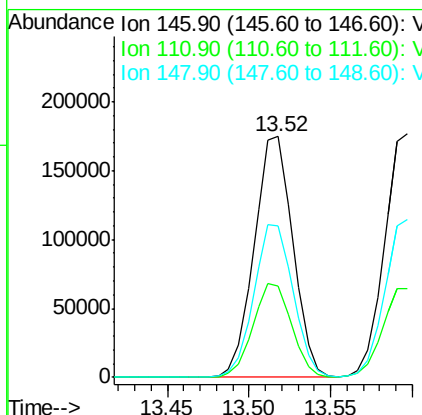
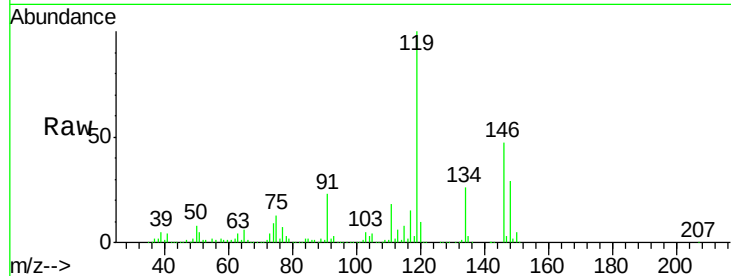
#87
1,3-Dichlorobenzene
Concen: 47.49 ug/l
RT: 13.52 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	287588		
111	38.8	19.7	59.1	
148	64.3	31.9	95.5	

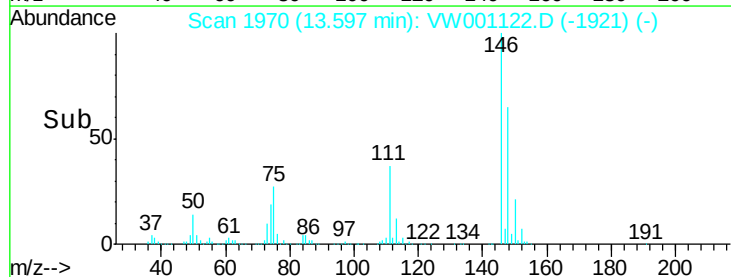
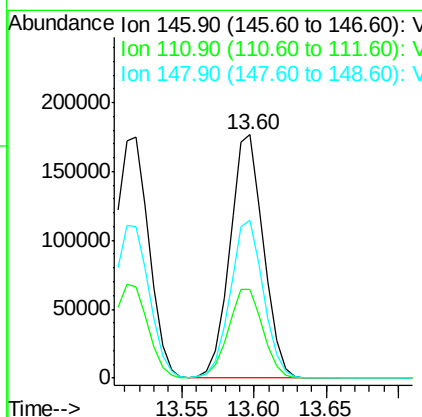
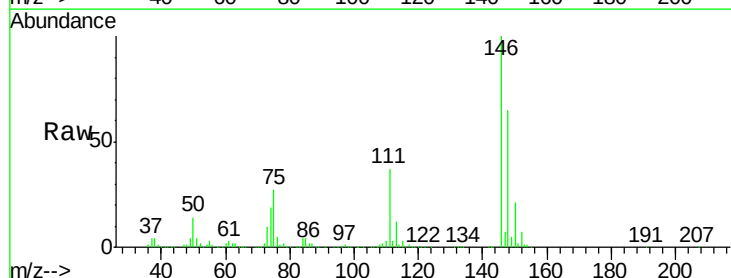
Manual Integrations
APPROVED

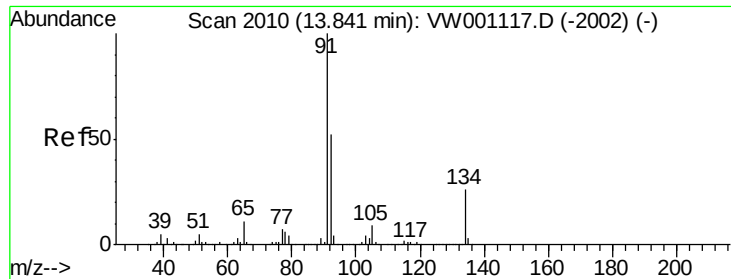
MMDadoda
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#88
1,4-Dichlorobenzene
Concen: 47.12 ug/l
RT: 13.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	286702		
111	38.0	19.1	57.1	
148	64.2	32.5	97.5	





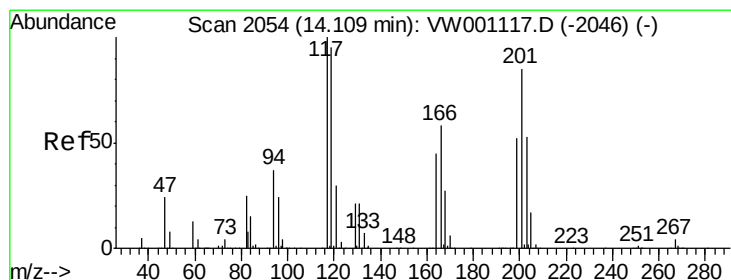
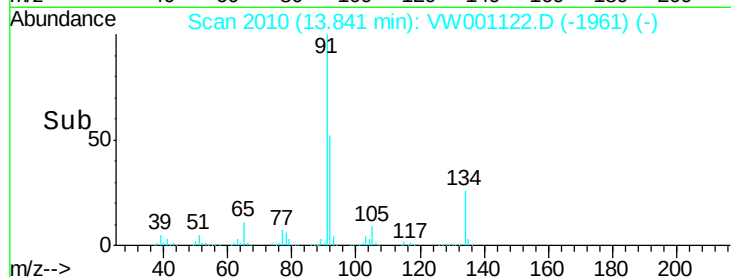
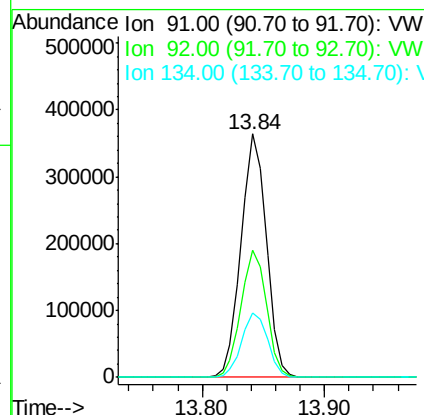
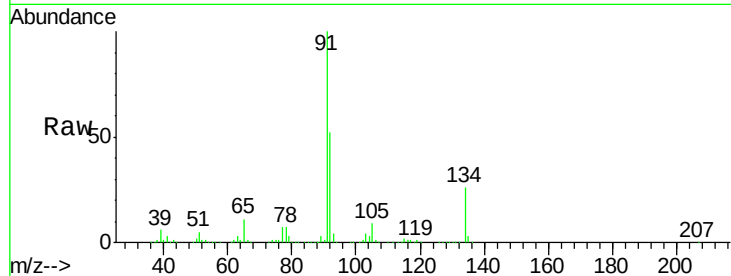
#89
n-Butylbenzene
Concen: 49.85 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.1	78.2
134	27.2	13.6	40.8

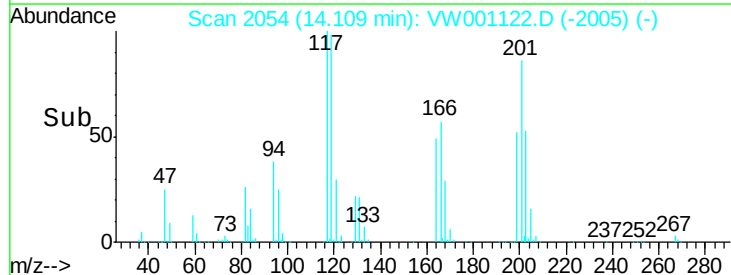
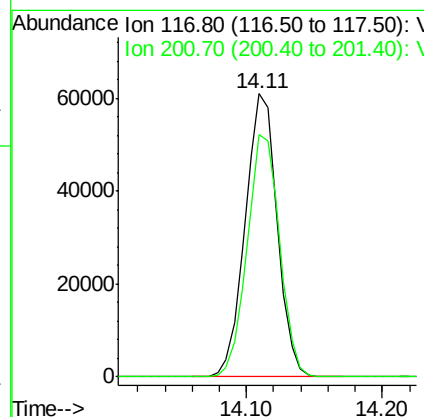
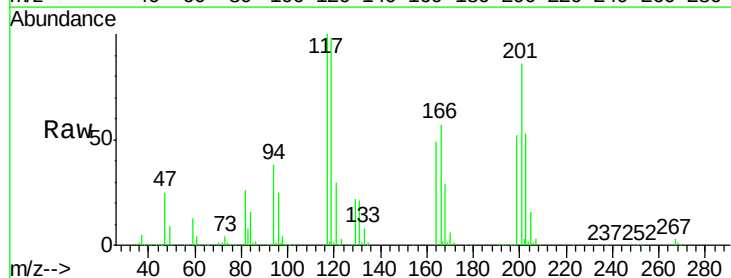
Manual Integrations
APPROVED

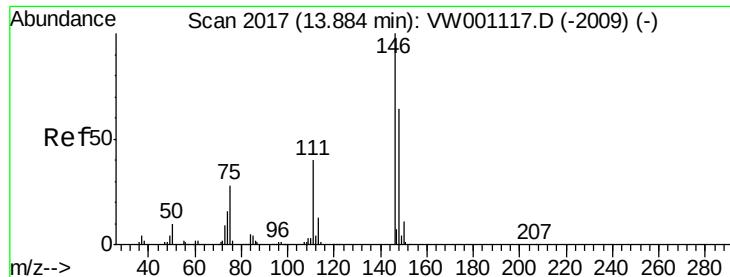
MMDadoda
1/30/2018 5:46:56 PM



#90
Hexachloroethane
Concen: 47.95 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.3	129.8





#91

1,2-Dichlorobenzene

Concen: 47.61 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. 0.01 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Instrument :

MSVOA_W

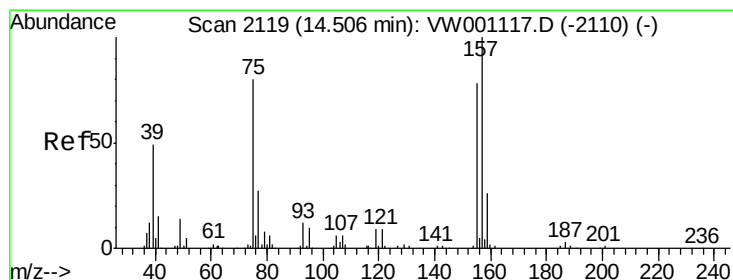
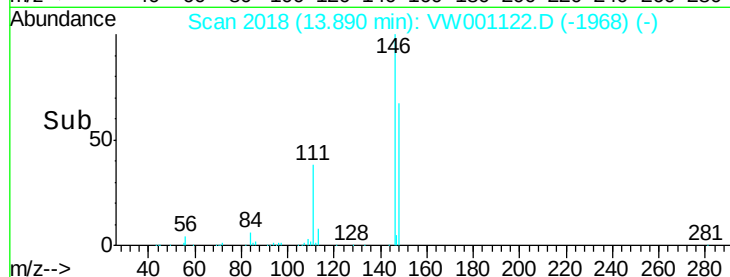
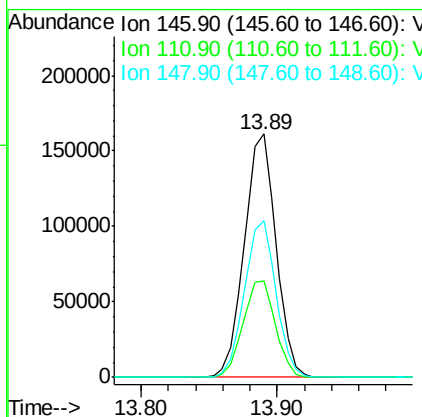
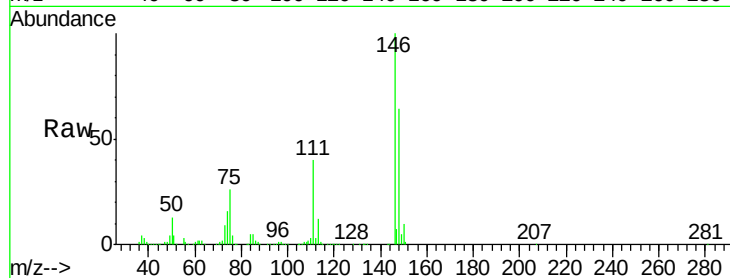
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	263921
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.4	61.2
148	63.8	32.2	96.6

Manual Integrations
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MMDadoda
1/30/2018 5:46:56 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.62 ug/l

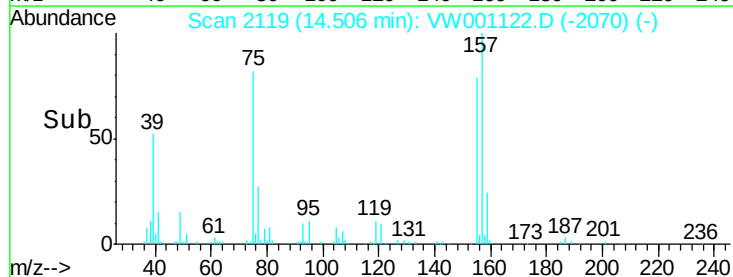
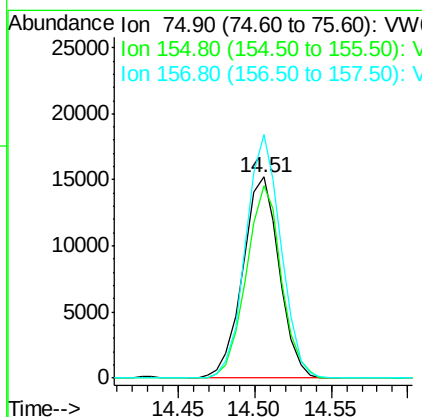
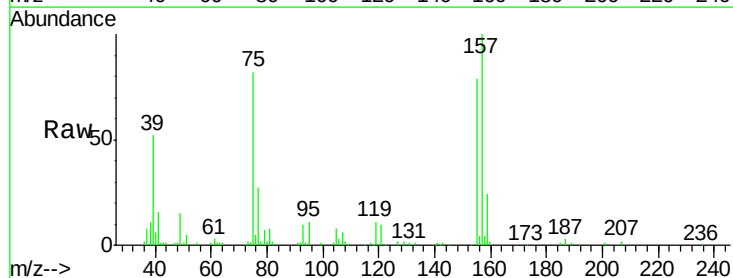
RT: 14.51 min Scan# 2119

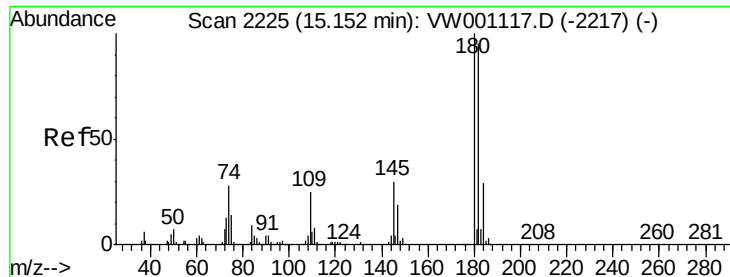
Delta R.T. -0.00 min

Lab File: VW001122.D

Acq: 29 Jan 2018 16:33

Tgt Ion:	75	Resp:	25164
Ion Ratio	Lower	Upper	
75	100		
155	92.3	46.3	138.9
157	116.7	60.0	180.0





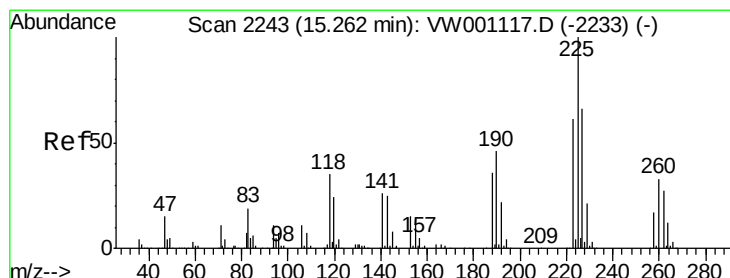
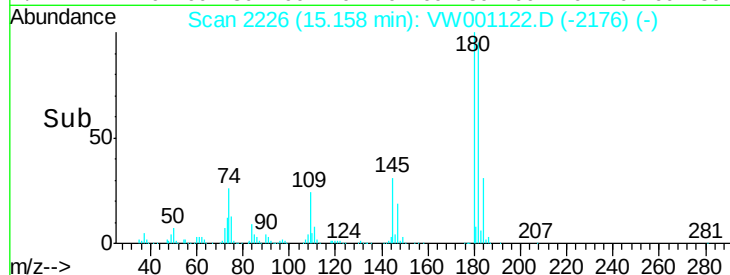
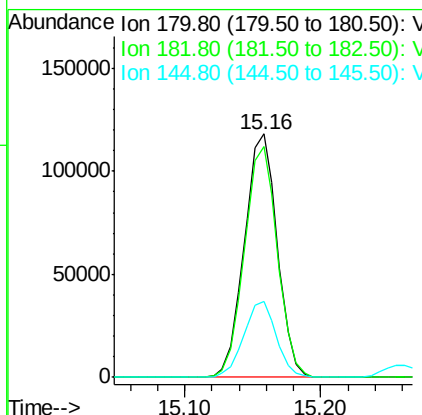
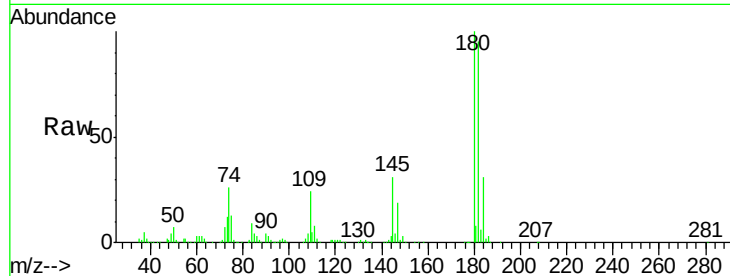
#93
 1,2,4-Trichlorobenzene
 Concen: 48.98 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199778		
182	94.9	47.6	142.9	
145	30.7	15.0	45.1	

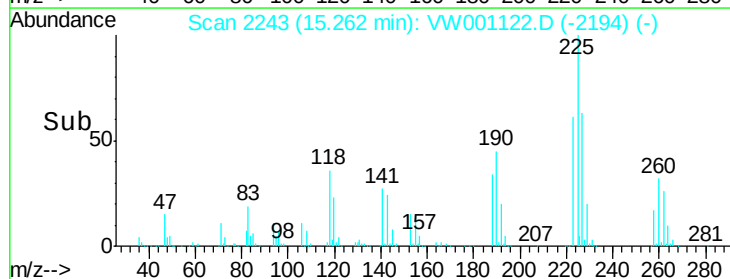
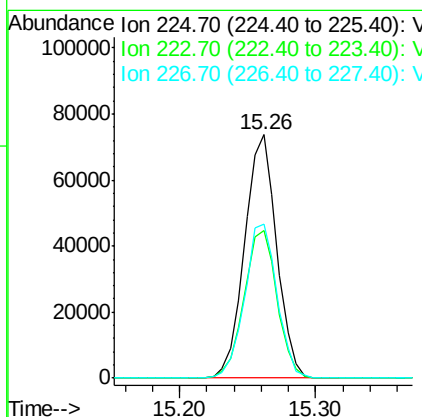
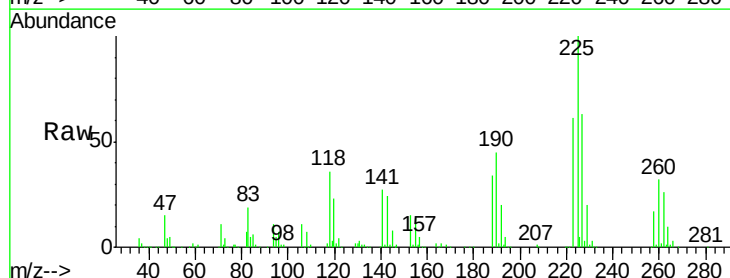
Manual Integrations
 APPROVED

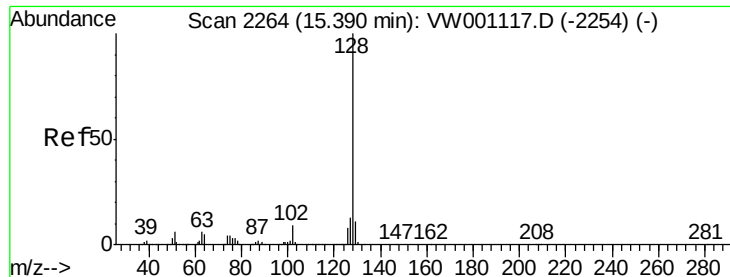
MMDadoda
 1/30/2018 5:46:56 PM



#94
 Hexachlorobutadiene
 Concen: 48.16 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: VW001122.D
 Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	121462		
223	62.4	31.1	93.3	
227	64.0	32.6	97.8	





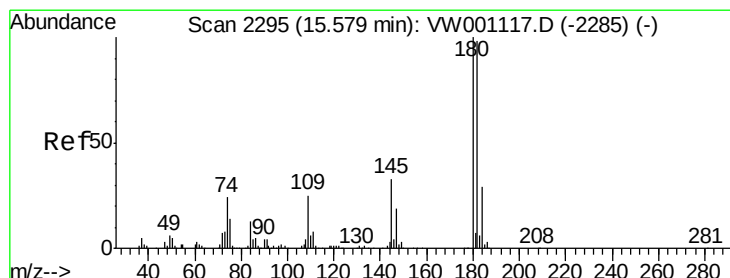
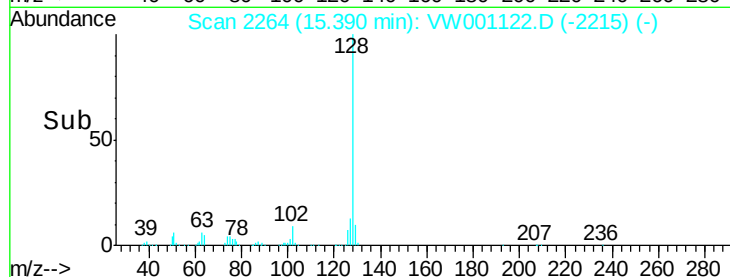
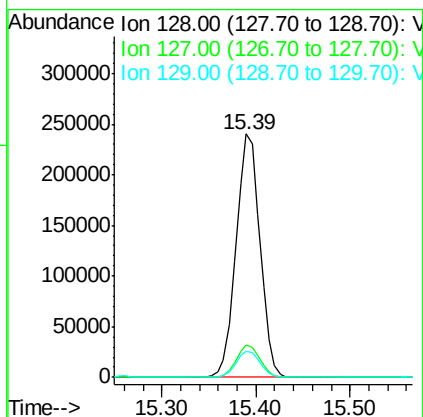
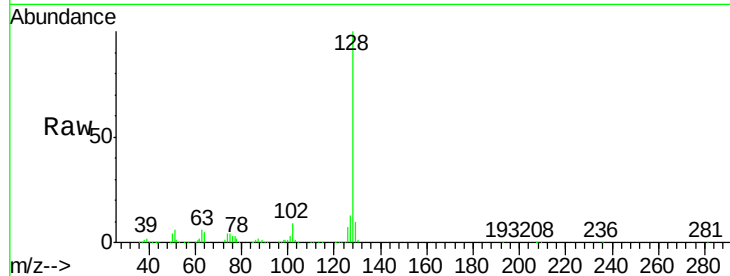
#95
Naphthalene
Concen: 52.54 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/30/2018 5:46:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.31 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VW001122.D
Acq: 29 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.7	146.1
145	31.5	16.0	47.9

