

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001120.D
 Acq On : 29 Jan 2018 15:04
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:55 PM

Quant Time: Jan 30 01:14:26 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	317914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	435857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	396976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149003	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.88	113	139226	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.33	98	558656	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.63	95	203017	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	132494	49.18	ug/l	100
3) Chloromethane	2.22	50	116941	49.69	ug/l	98
4) Vinyl Chloride	2.36	62	116483	49.72	ug/l	99
5) Bromomethane	2.75	94	86798	63.64	ug/l	98
6) Chloroethane	2.91	64	68714	51.68	ug/l	100
7) Trichlorofluoromethane	3.26	101	213865	49.12	ug/l	100
8) Diethyl Ether	3.68	74	54525	48.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	130491	45.06	ug/l	99
10) Methyl Iodide	4.26	142	148609	48.59	ug/l	99
11) Tert butyl alcohol	5.18	59	53167m	214.10	ug/l	
12) 1,1-Dichloroethene	4.03	96	113299	44.78	ug/l	98
13) Acrolein	3.89	56	74741	187.40	ug/l	97
14) Allyl chloride	4.67	41	185998	49.20	ug/l	99
15) Acrylonitrile	5.37	53	172245	223.94	ug/l	99
16) Acetone	4.12	43	189079	232.67	ug/l	97
17) Carbon Disulfide	4.37	76	357845	45.54	ug/l	100
18) Methyl Acetate	4.68	43	82463	43.32	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	308966	47.18	ug/l	97
20) Methylene Chloride	4.92	84	132532	49.28	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	137364	48.61	ug/l	98
22) Diisopropyl ether	6.31	45	350202	48.36	ug/l	98
23) Vinyl Acetate	6.26	43	1009755	232.72	ug/l	99
24) 1,1-Dichloroethane	6.21	63	226503	47.93	ug/l	98
25) 2-Butanone	7.18	43	238110	223.22	ug/l	98
26) 2,2-Dichloropropane	7.17	77	222029	47.50	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	144878	48.07	ug/l	99
28) Bromochloromethane	7.51	49	92524	48.17	ug/l	99
29) Tetrahydrofuran	7.53	42	136821	224.61	ug/l	100
30) Chloroform	7.68	83	240683	47.00	ug/l	99
31) Cyclohexane	7.95	56	215488	46.99	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	233854	48.26	ug/l	100
36) 1,1-Dichloropropene	8.08	75	196557	49.95	ug/l	99
37) Ethyl Acetate	7.26	43	91970	44.21	ug/l	99
38) Carbon Tetrachloride	8.07	117	213810	48.65	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	239045	51.45	ug/l	99
40) Benzene	8.32	78	526722	48.34	ug/l	99
41) Methacrylonitrile	7.49	41	55586	48.17	ug/l	97
42) 1,2-Dichloroethane	8.40	62	157820	46.07	ug/l	99
43) Isopropyl Acetate	8.43	43	164814	46.05	ug/l	98
44) Trichloroethene	9.09	130	158527	48.46	ug/l	100
45) 1,2-Dichloropropane	9.37	63	124962	47.63	ug/l	99
46) Dibromomethane	9.46	93	74017	45.12	ug/l	98
47) Bromodichloromethane	9.65	83	177060	47.70	ug/l	99
48) Methyl methacrylate	9.44	41	82832	48.42	ug/l	97
49) 1,4-Dioxane	9.45	88	27647	945.70	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	450349	230.30	ug/l	100
52) Toluene	10.40	92	343750	49.14	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	179097	47.82	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	198547	47.49	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	106953	45.73	ug/l	99
56) Ethyl methacrylate	10.66	69	130620	47.64	ug/l	99
57) 1,3-Dichloropropane	10.94	76	175644	46.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	409021	226.83	ug/l	100
59) 2-Hexanone	10.98	43	345806	233.74	ug/l	99
60) Dibromochloromethane	11.14	129	133400	46.81	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108814	46.14	ug/l	99
64) Tetrachloroethene	10.87	164	145406	45.55	ug/l	99
65) Chlorobenzene	11.67	112	388727	48.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	140289	47.98	ug/l	99
67) Ethyl Benzene	11.74	91	671165	50.21	ug/l	98
68) m/p-Xylenes	11.85	106	527552	101.31	ug/l	98
69) o-Xylene	12.18	106	243555	50.72	ug/l	99
70) Styrene	12.20	104	403034	51.07	ug/l	100
71) Bromoform	12.36	173	88113	46.64	ug/l	99
73) Isopropylbenzene	12.48	105	694155	52.46	ug/l	100
74) N-amyl acetate	12.29	43	150051	49.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	128290	47.40	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	95628m	44.66	ug/l	
77) Bromobenzene	12.76	156	169193	49.25	ug/l	98
78) n-propylbenzene	12.82	91	823278	51.97	ug/l	100
79) 2-Chlorotoluene	12.91	91	462265	50.99	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	585894	51.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36038	44.26	ug/l	96
82) 4-Chlorotoluene	13.01	91	488222	50.51	ug/l	99
83) tert-Butylbenzene	13.23	119	530930	53.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	599259	52.04	ug/l	98
85) sec-Butylbenzene	13.40	105	738234	52.20	ug/l	100
86) p-Isopropyltoluene	13.52	119	659838	52.47	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	335225	49.42	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	332954	48.86	ug/l	100
89) n-Butylbenzene	13.84	91	615406	52.53	ug/l	99
90) Hexachloroethane	14.11	117	121550	51.83	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	303913	48.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25750	47.17	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	236267	51.72	ug/l	100
94) Hexachlorobutadiene	15.26	225	141366	50.04	ug/l	98
95) Naphthalene	15.39	128	467513	51.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	215431	51.14	ug/l	97

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

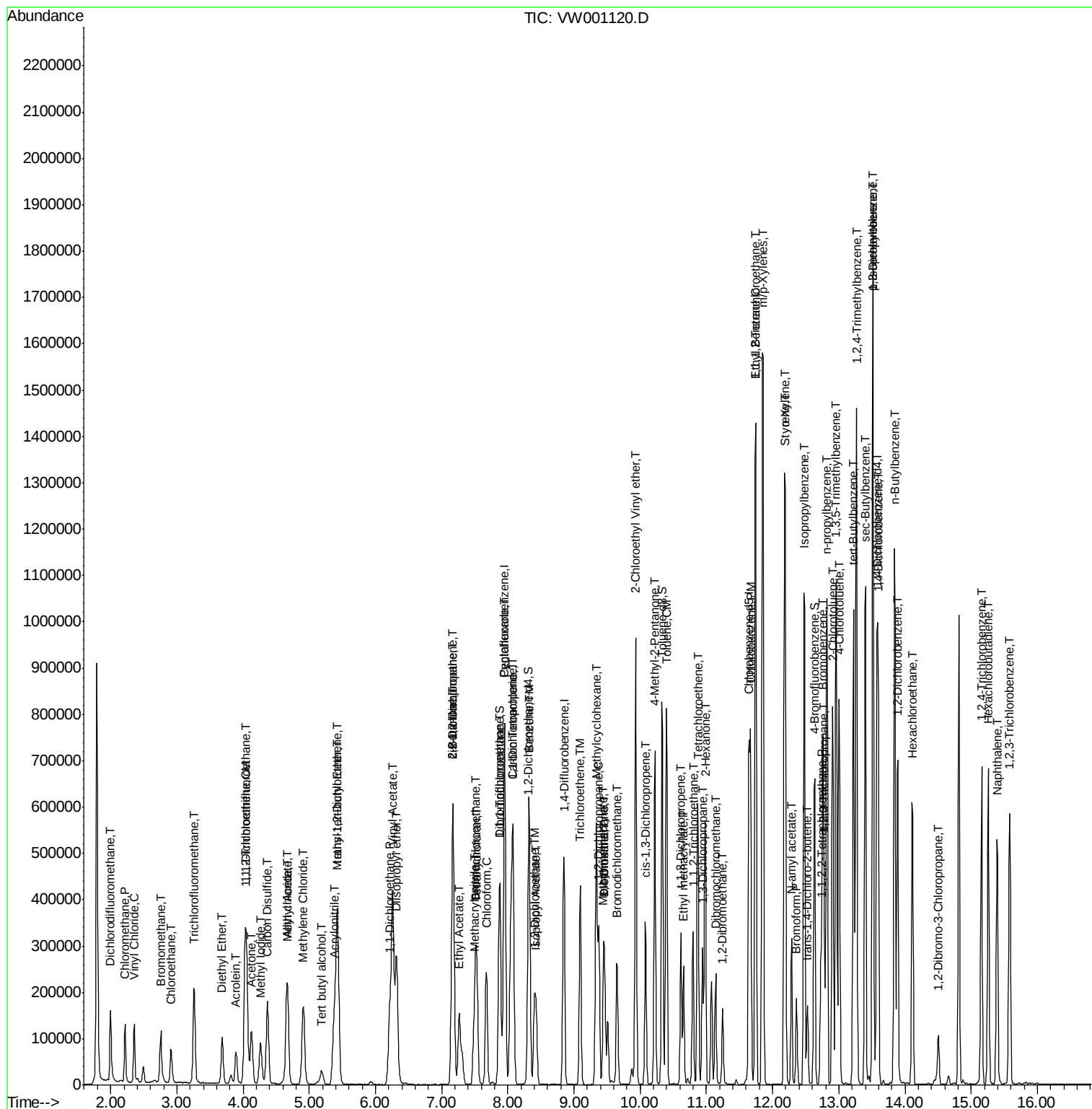
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
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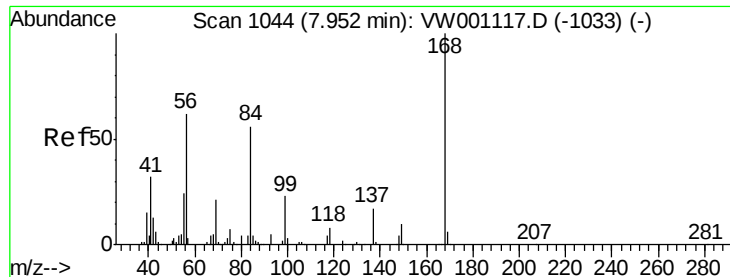
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tot Ion:168 Resp: 317914

Ion Ratio Lower Upper

168 100

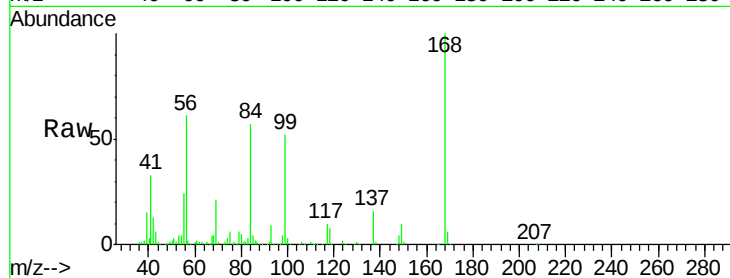
99 51.7 42.4 63.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

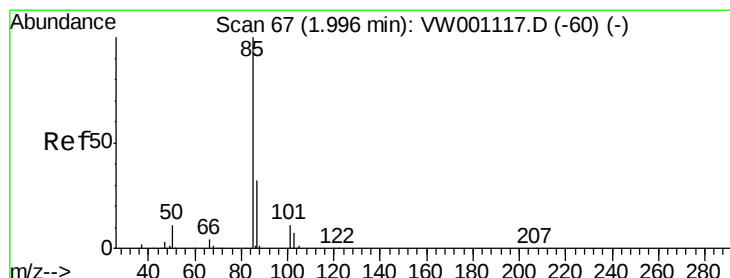
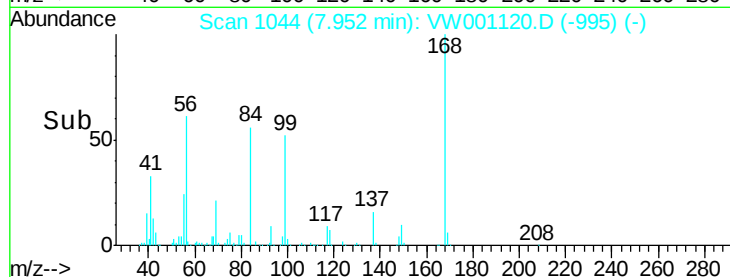
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.18 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW001120.D

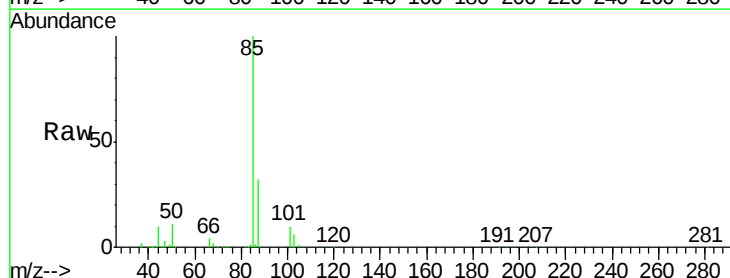
Acq: 29 Jan 2018 15:04

Tgt Ion: 85 Resp: 132494

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

40000

20000

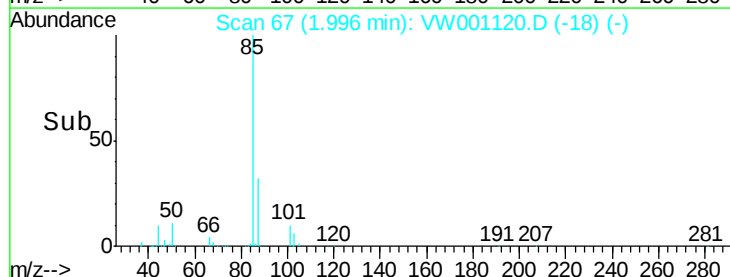
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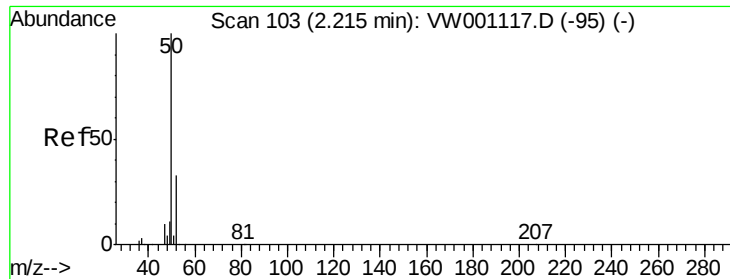
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 49.69 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tot Ion: 50 Resp: 116941

Ion Ratio Lower Upper

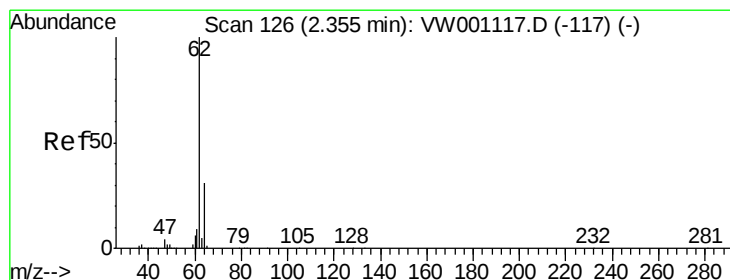
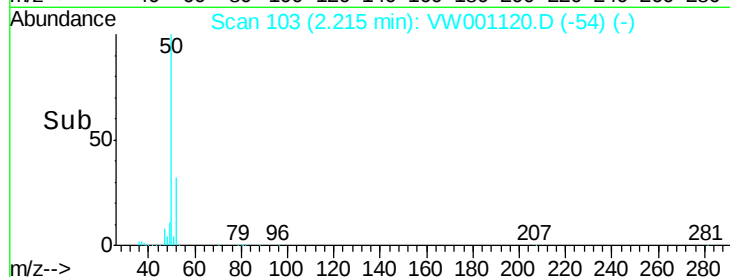
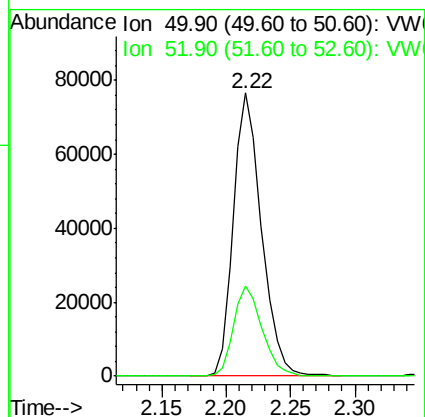
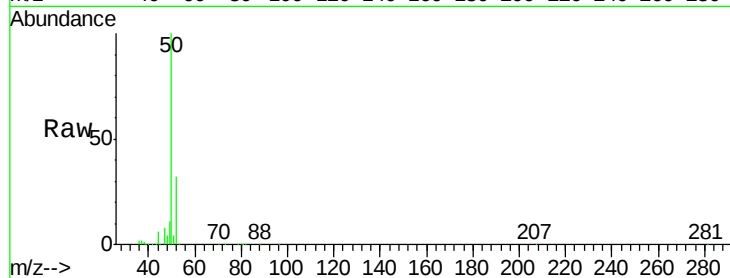
50 100

52 31.9 26.2 39.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.72 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW001120.D

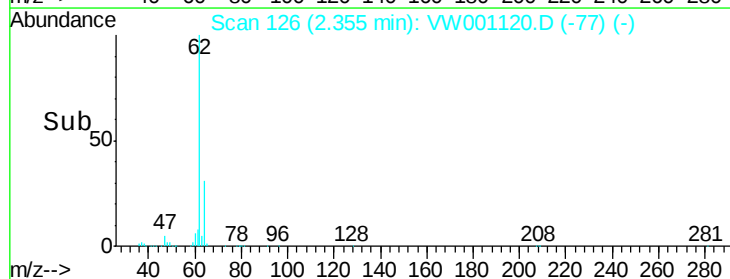
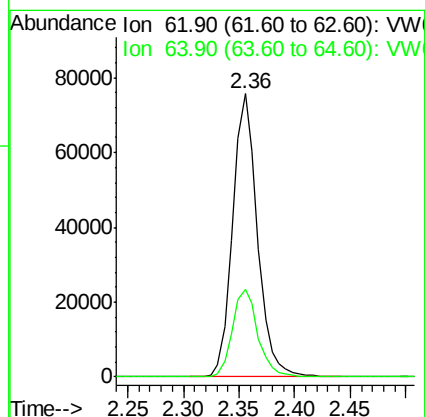
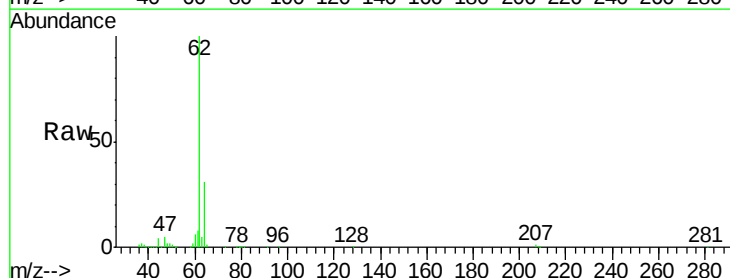
Acq: 29 Jan 2018 15:04

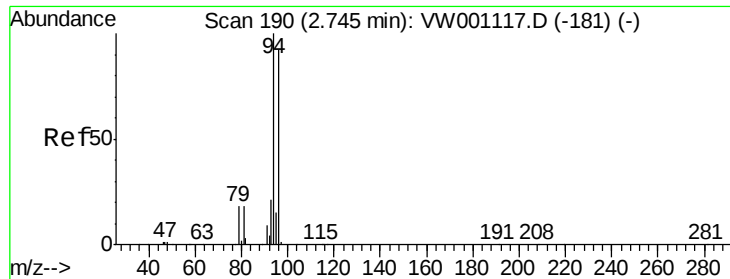
Tgt Ion: 62 Resp: 116483

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 63.64 ug/l

RT: 2.75 min Scan# 191

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 86798

Ion Ratio Lower Upper

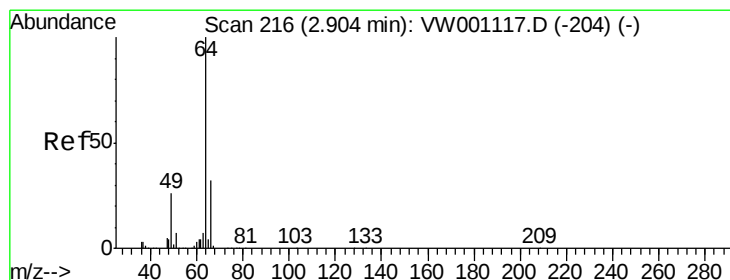
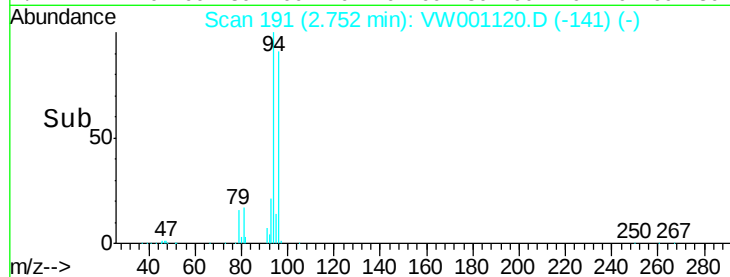
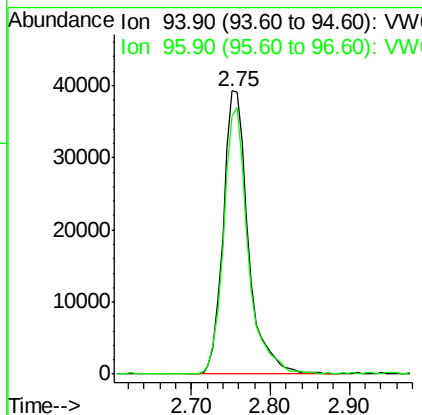
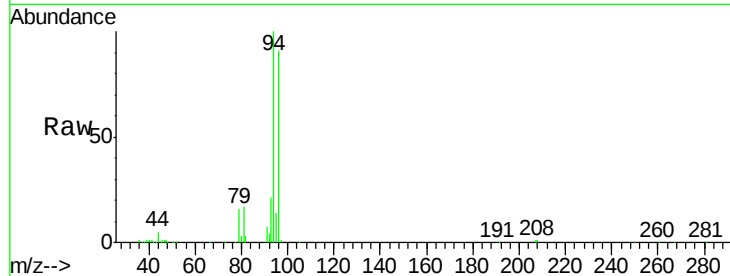
94 100

96 90.7 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 51.68 ug/l

RT: 2.91 min Scan# 217

Delta R.T. 0.01 min

Lab File: VW001120.D

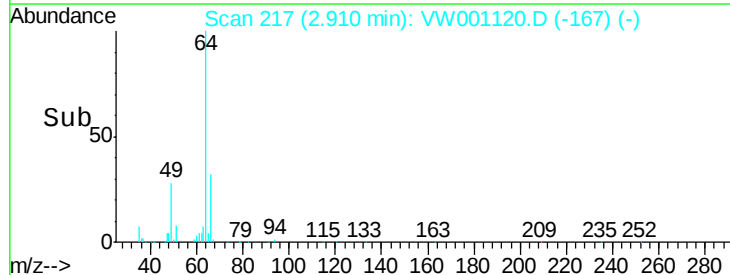
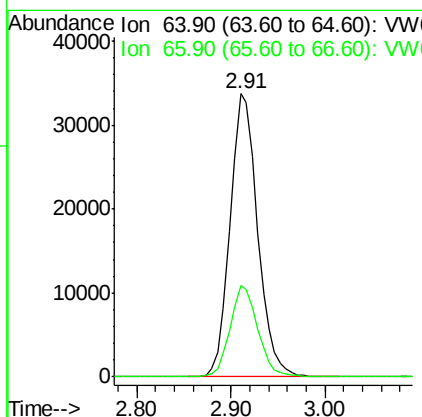
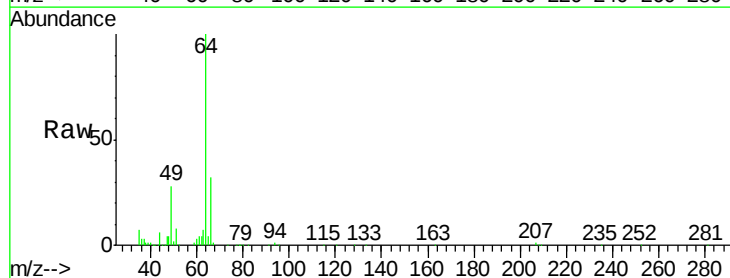
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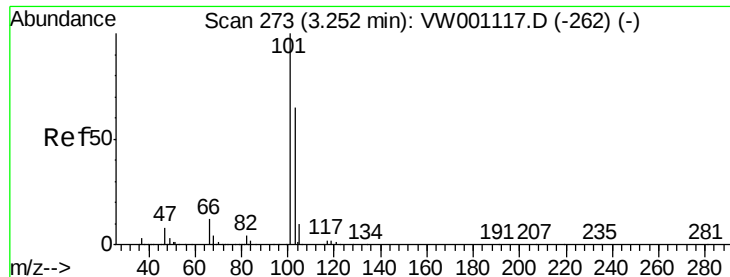
Tgt Ion: 64 Resp: 68714

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.8





#7

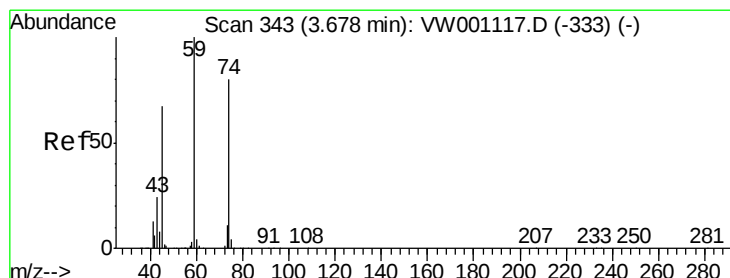
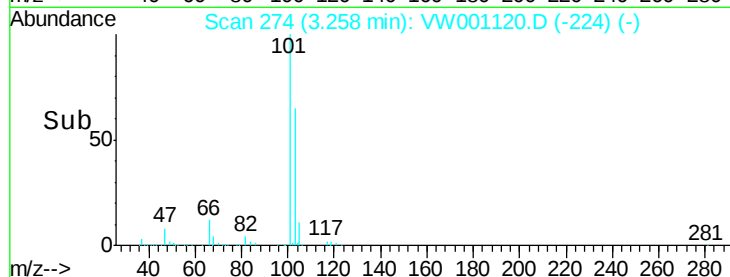
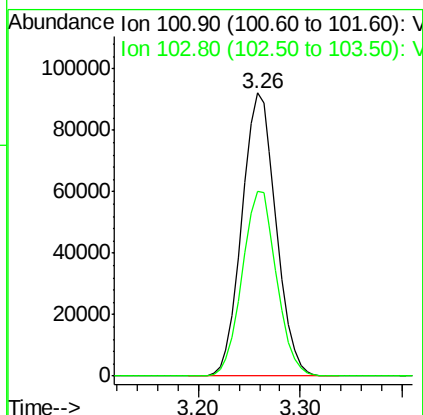
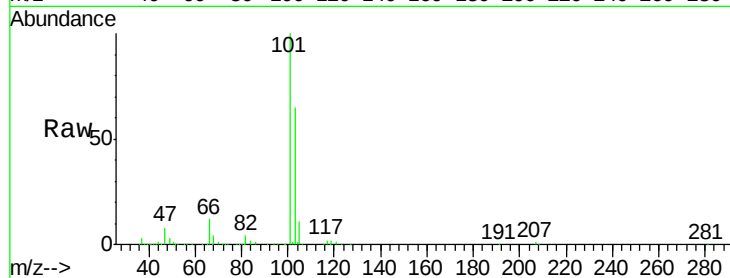
Trichlorofluoromethane
 Concen: 49.12 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.9	77.9

Manual Integrations
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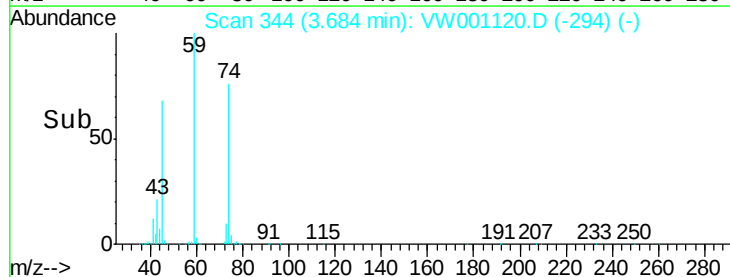
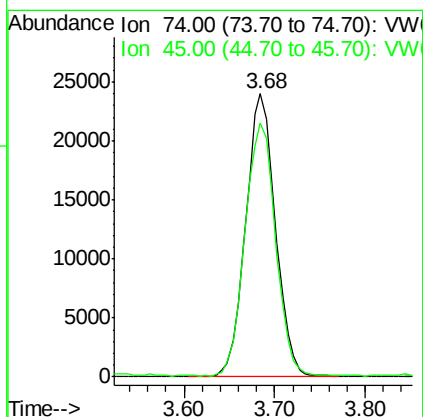
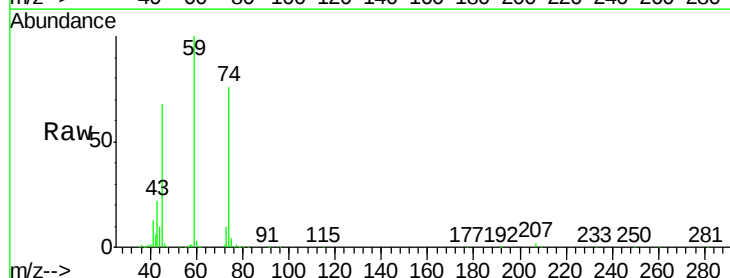
MM Dadoda
 1/30/2018 5:46:55 PM

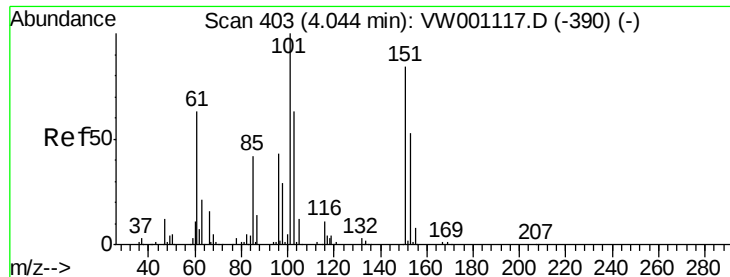


#8

Diethyl Ether
 Concen: 48.13 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. 0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	46.7	140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.06 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

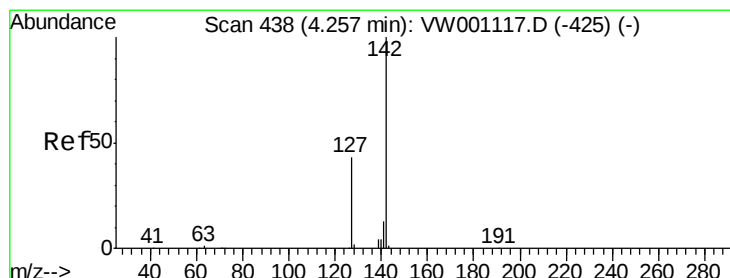
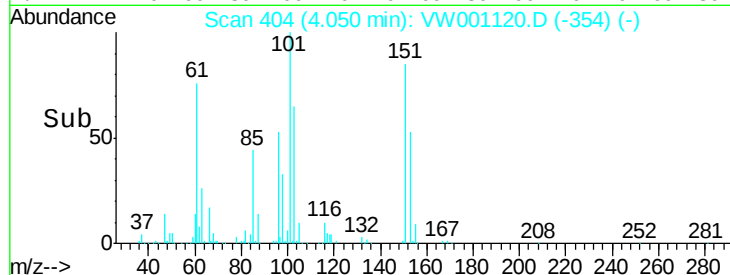
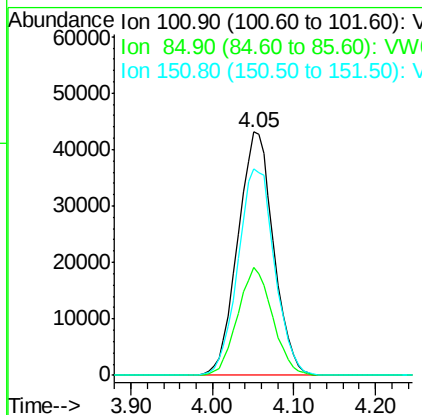
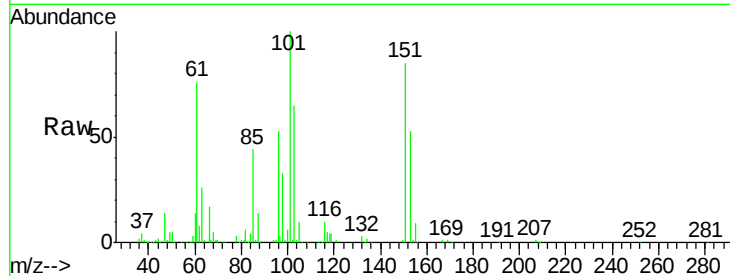
ClientSampleId :

ICVW012918

Tot Ion:	101	Resp:	130491
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.9	52.3
151	87.5	68.6	103.0

Manual Integrations
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MMDadoda
1/30/2018 5:46:55 PM



#10

Methyl Iodide

Concen: 48.59 ug/l

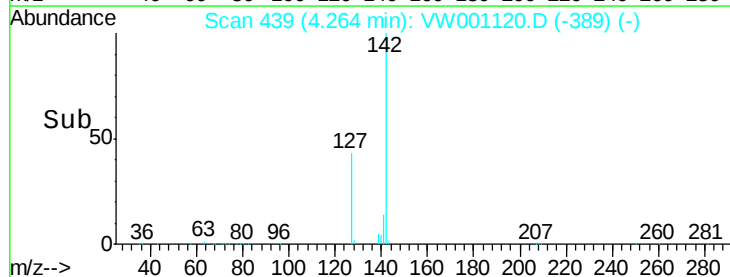
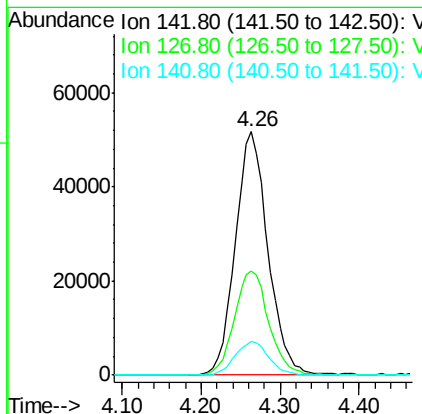
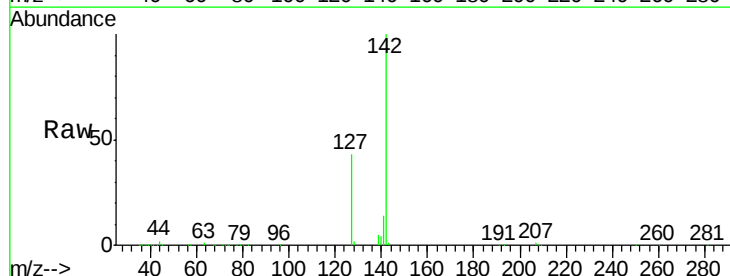
RT: 4.26 min Scan# 439

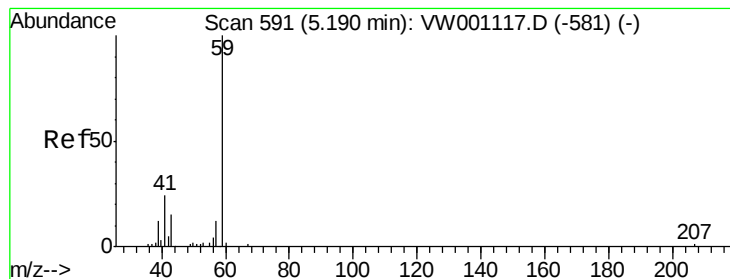
Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	142	Resp:	148609
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.4	53.2
141	14.3	11.6	17.4





#11

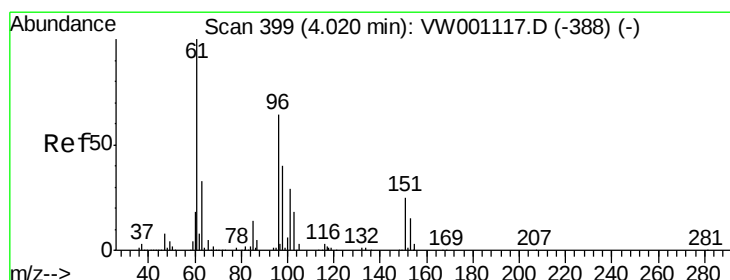
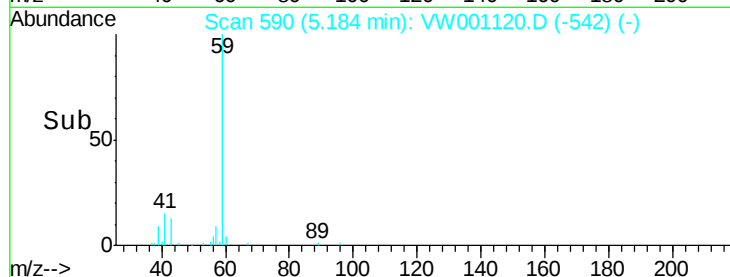
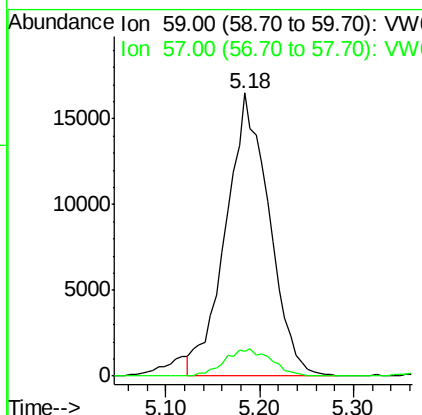
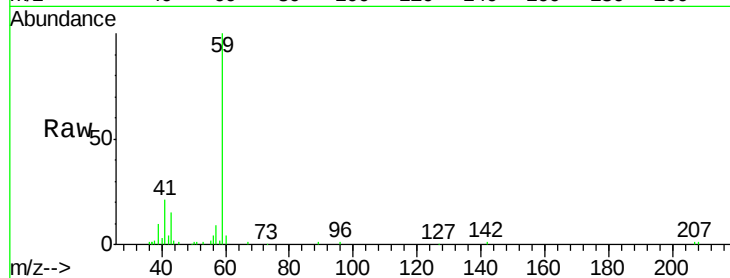
Tert butyl alcohol
Concen: 214.10 ug/l m
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	59	Resp	53167
Ion Ratio	100	Lower	Upper
57	10.4	7.8	11.8

Manual Integrations
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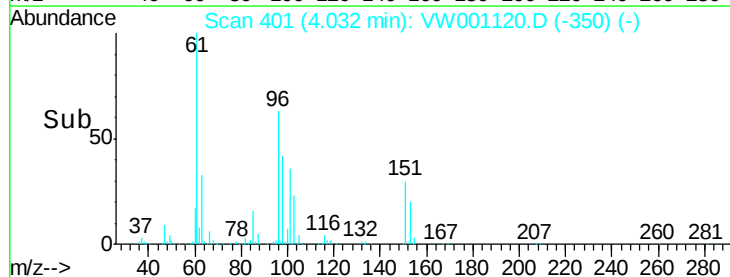
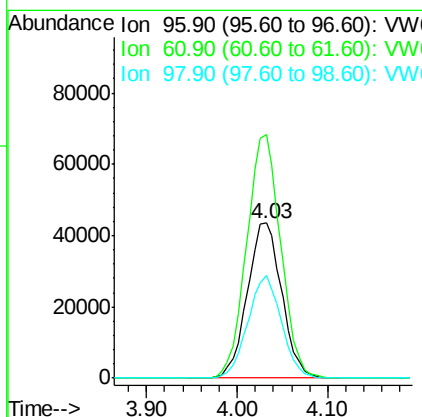
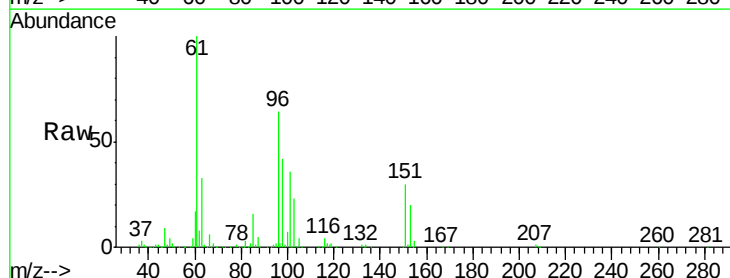
MMDadoda
1/30/2018 5:46:55 PM

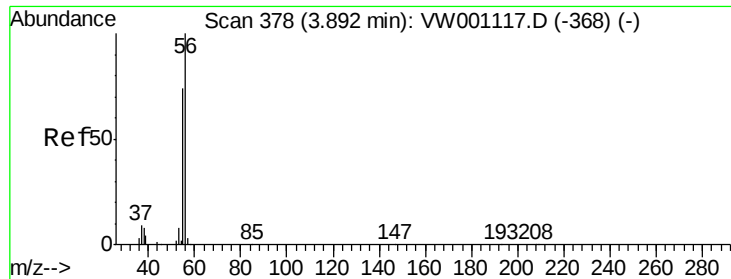


#12

1,1-Dichloroethene
Concen: 44.78 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	96	Resp	113299
Ion Ratio	100	Lower	Upper
61	157.7	125.2	187.8
98	67.0	50.3	75.5





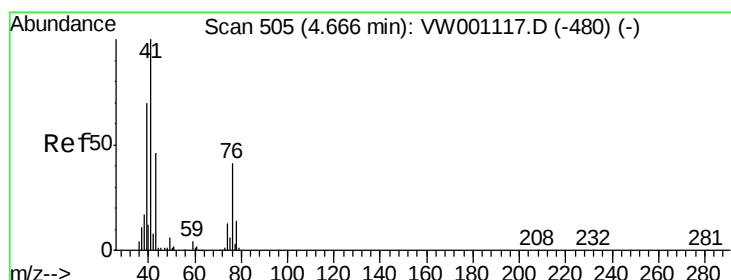
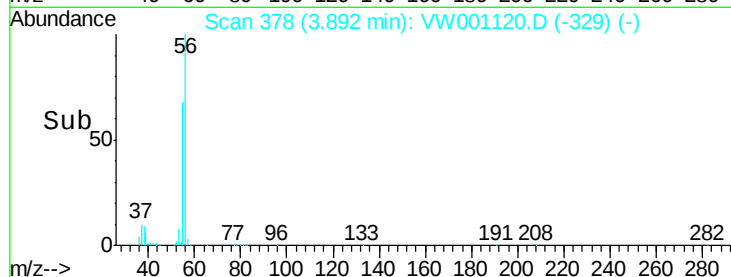
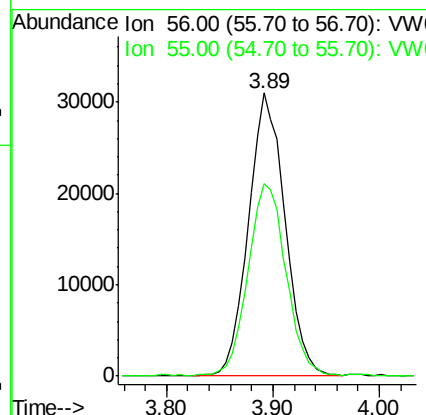
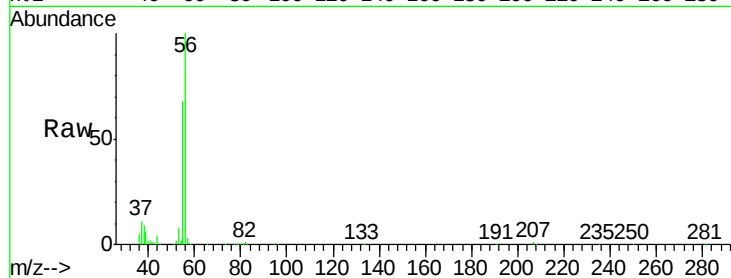
#13
Acrolein
Concen: 187.40 ug/l
RT: 3.89 min Scan# 378
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	58.2	87.4

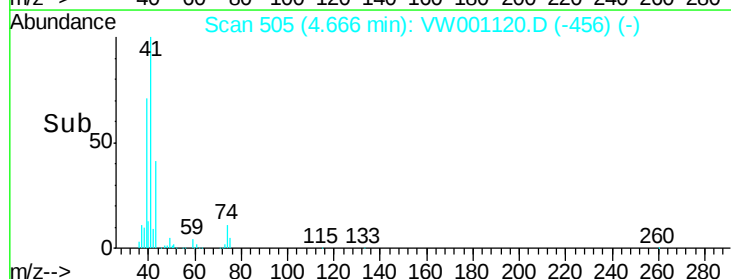
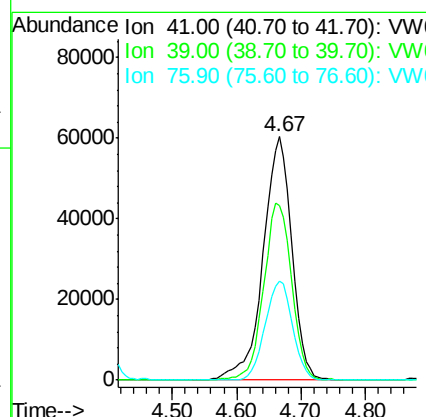
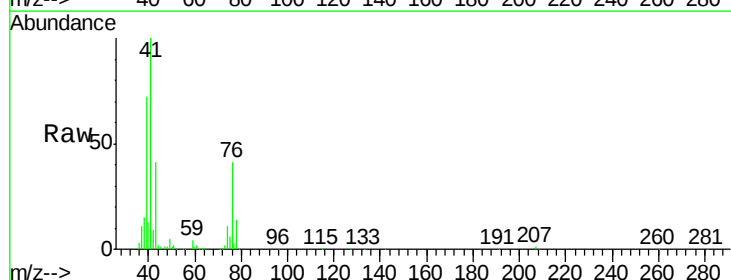
Manual Integrations
APPROVED

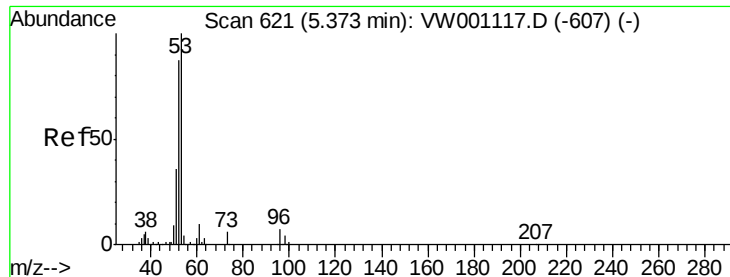
MMDadoda
1/30/2018 5:46:55 PM



#14
Allyl chloride
Concen: 49.20 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.7	55.9	83.9
76	38.9	31.0	46.6





#15

Acrylonitrile

Concen: 223.94 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

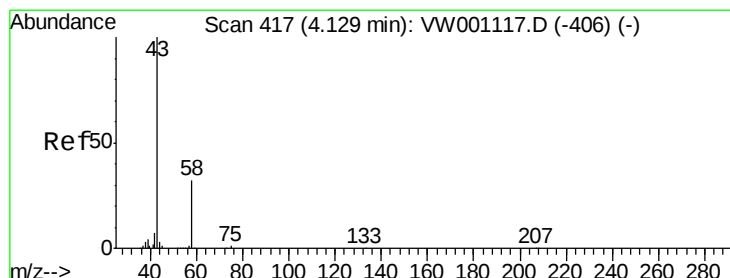
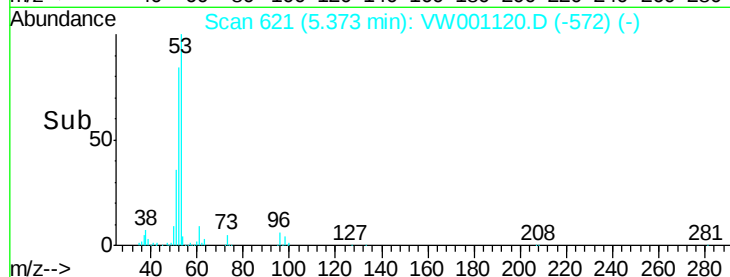
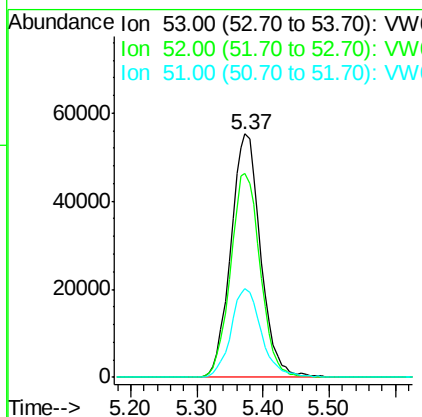
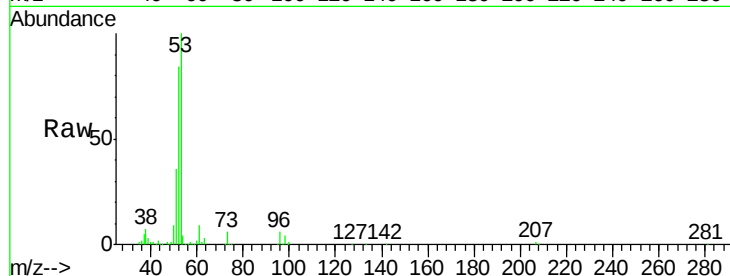
ClientSampleId :

ICVW012918

Tot Ion:	53	Resp:	172245
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.9	100.3
51	37.7	29.5	44.3

Manual Integrations
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1/30/2018 5:46:55 PM



#16

Acetone

Concen: 232.67 ug/l

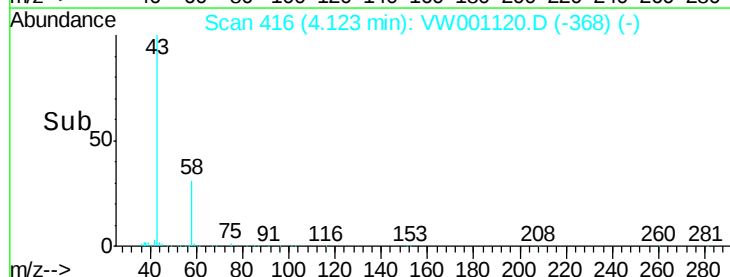
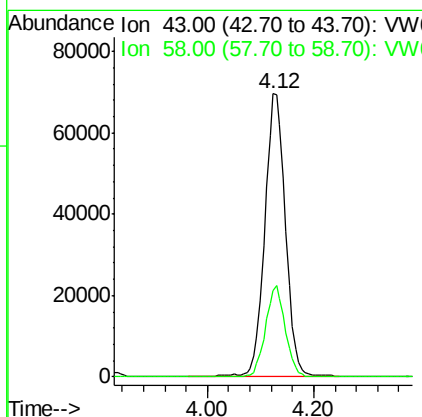
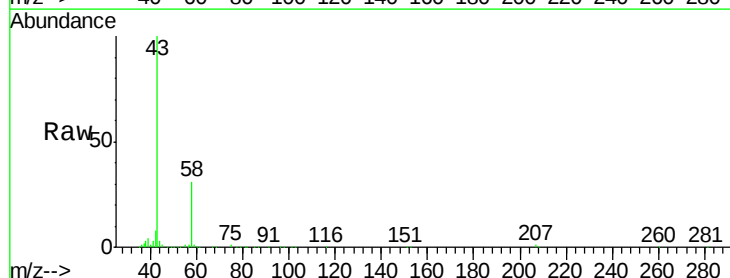
RT: 4.12 min Scan# 416

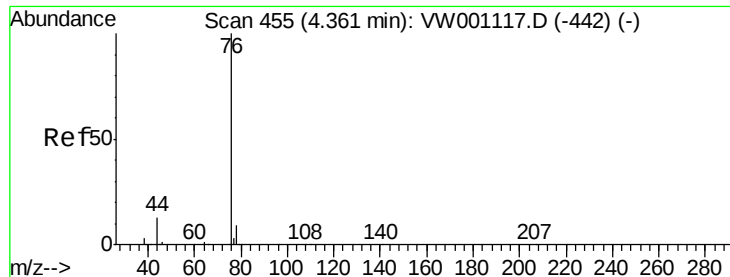
Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	43	Resp:	189079
Ion Ratio	Lower	Upper	
43	100		
58	30.5	25.7	38.5





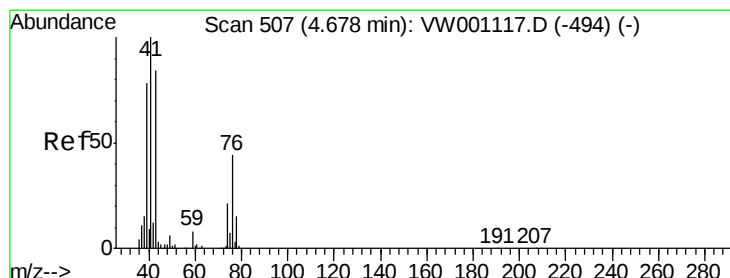
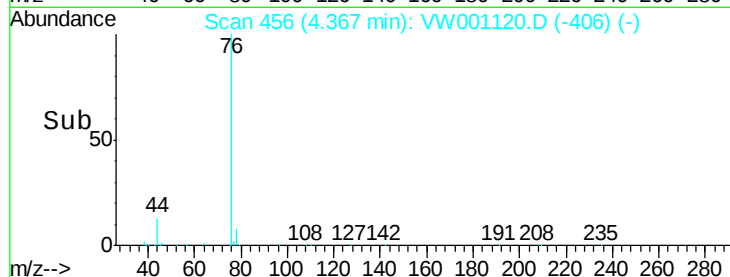
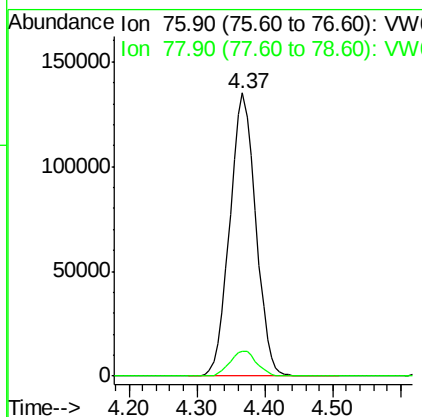
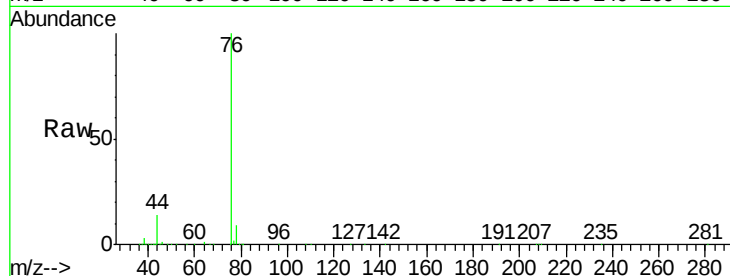
#17
Carbon Disulfide
Concen: 45.54 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

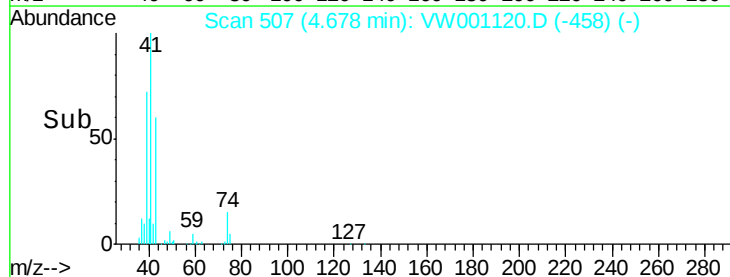
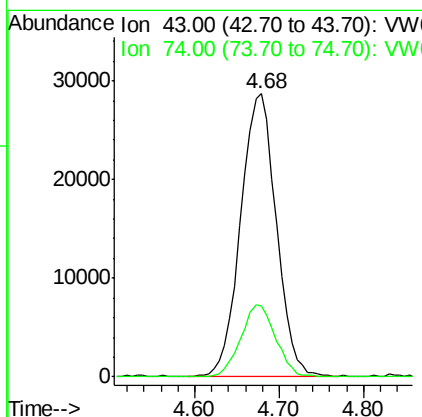
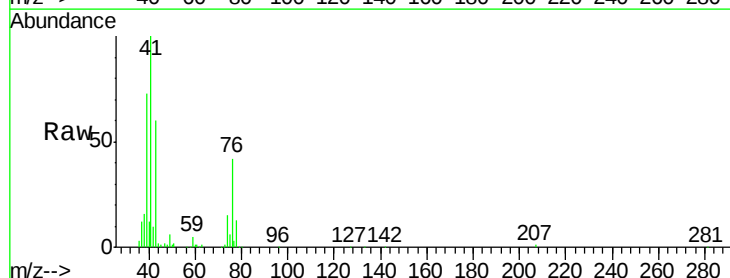
Manual Integrations
APPROVED

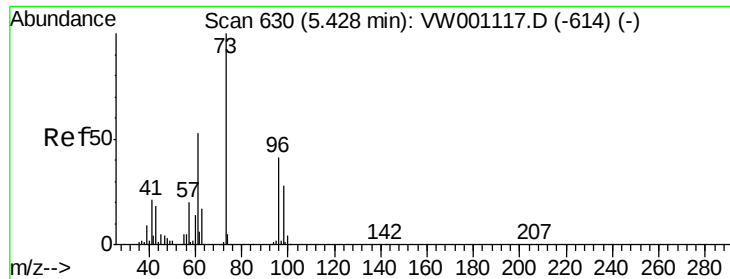
MM Dadoda
1/30/2018 5:46:55 PM



#18
Methyl Acetate
Concen: 43.32 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	20.2	30.2





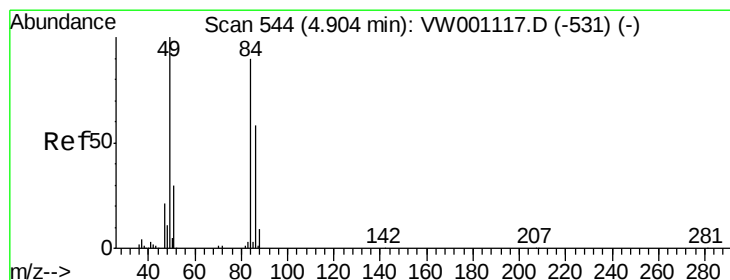
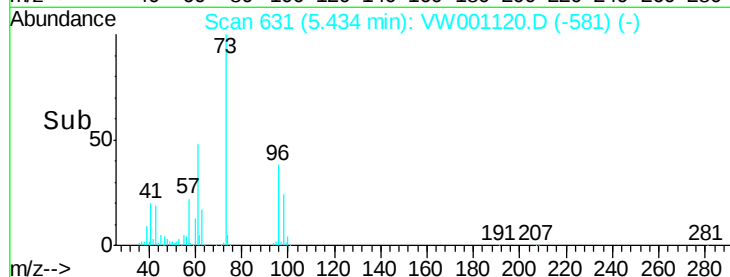
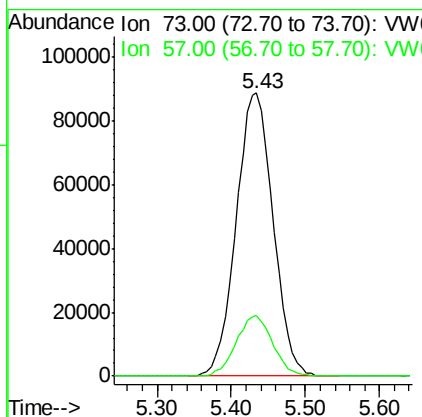
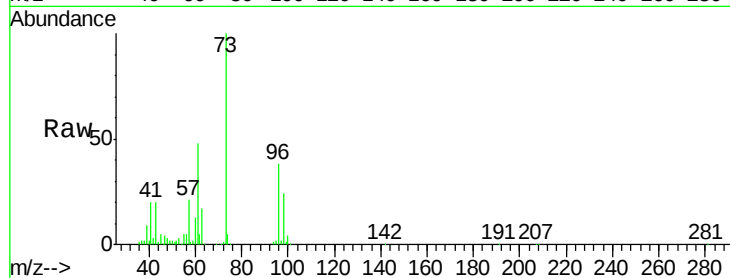
#19
Methvl tert-butvl Ether
Concen: 47.18 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.1	24.1

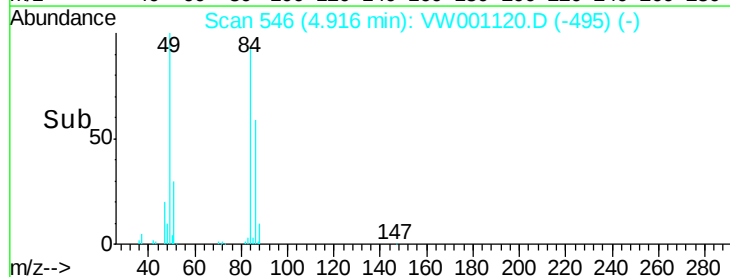
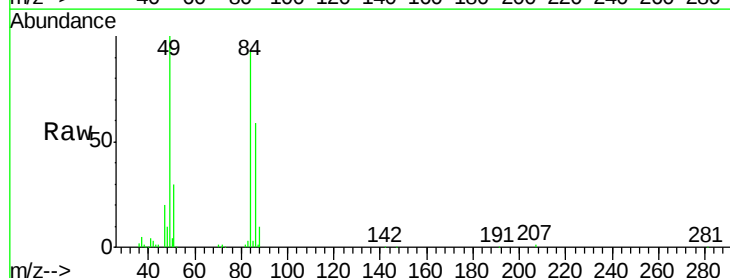
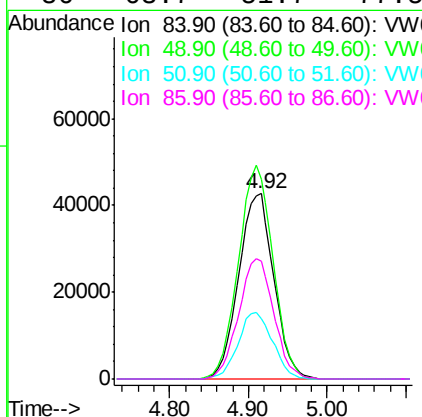
Manual Integrations
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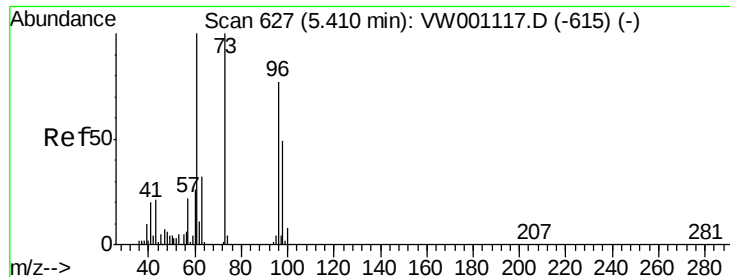
MMDadoda
1/30/2018 5:46:55 PM



#20
Methylene Chloride
Concen: 49.28 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.9	89.2	133.8
51	32.2	26.7	40.1
86	63.7	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 48.61 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

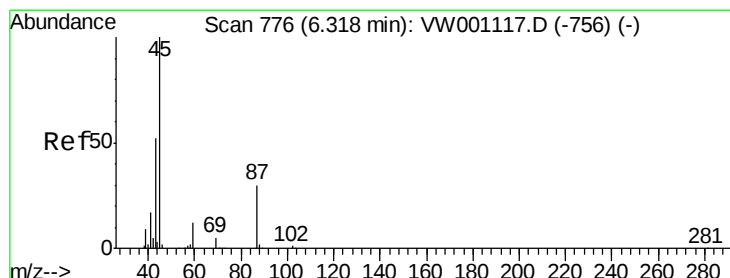
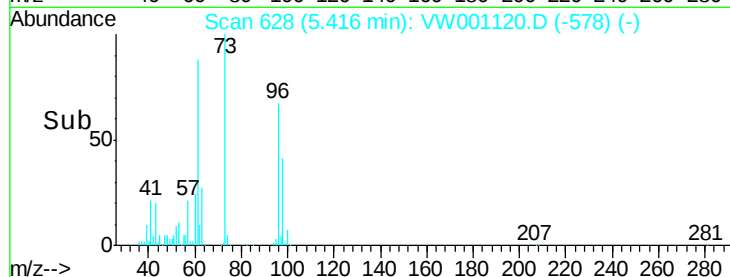
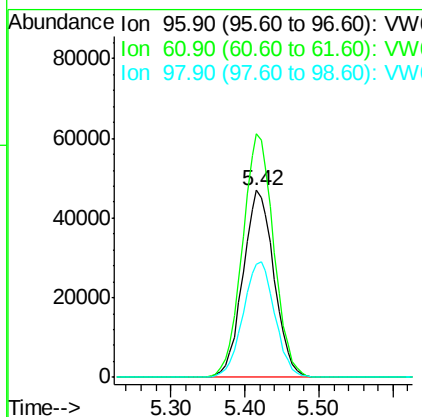
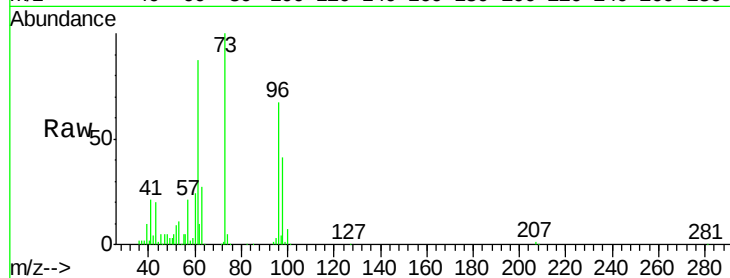
ClientSampleId :

ICVW012918

Tot Ion:	96	Resp:	137364
Ion	Ratio	Lower	Upper
96	100		
61	130.0	104.6	156.8
98	60.7	50.8	76.2

Manual Integrations
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MMDadoda
1/30/2018 5:46:55 PM



#22

Diisopropyl ether

Concen: 48.36 ug/l

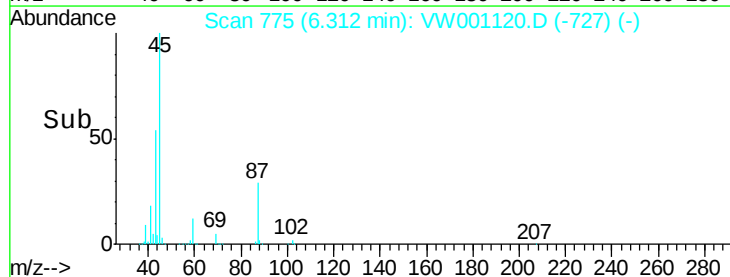
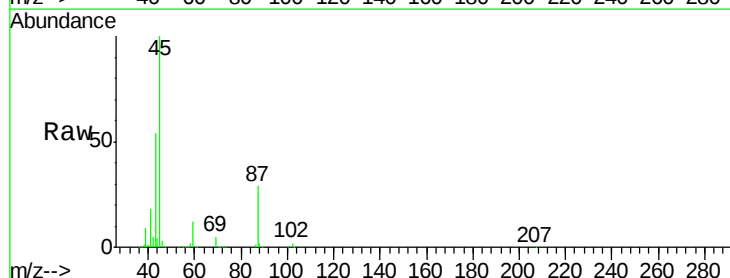
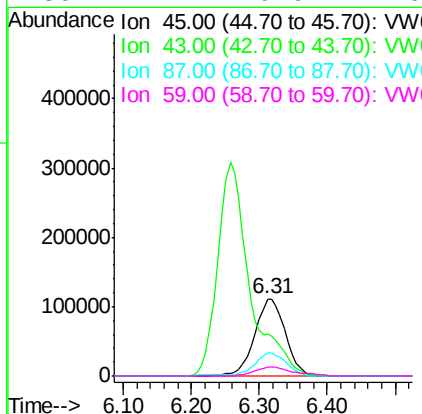
RT: 6.31 min Scan# 775

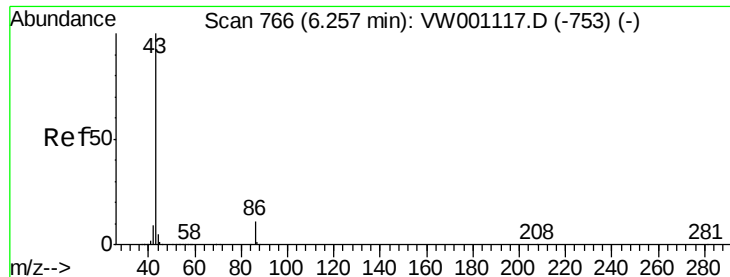
Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	45	Resp:	350202
Ion	Ratio	Lower	Upper
45	100		
43	54.1	41.6	62.4
87	29.5	24.5	36.7
59	12.2	9.9	14.9





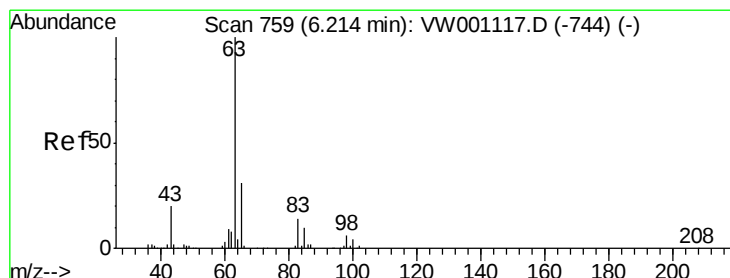
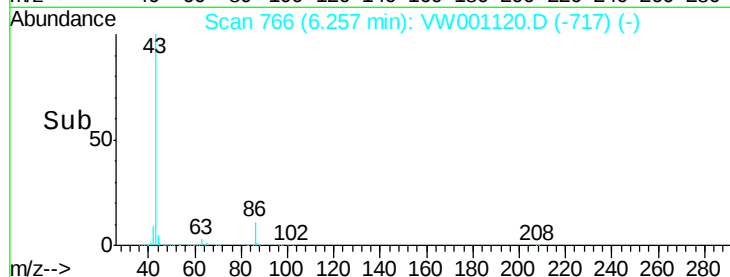
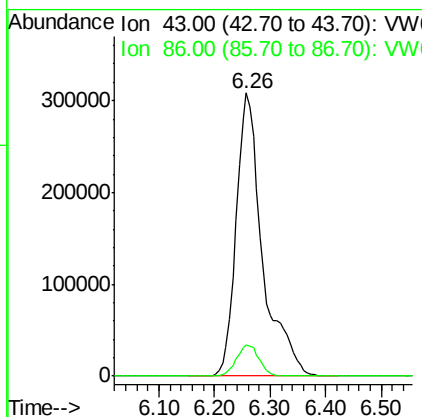
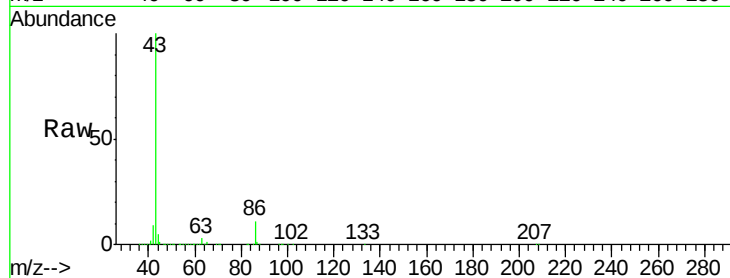
#23
 Vinyl Acetate
 Concen: 232.72 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.0	9.0	13.6

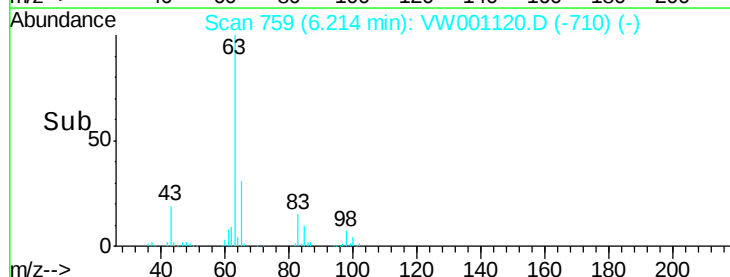
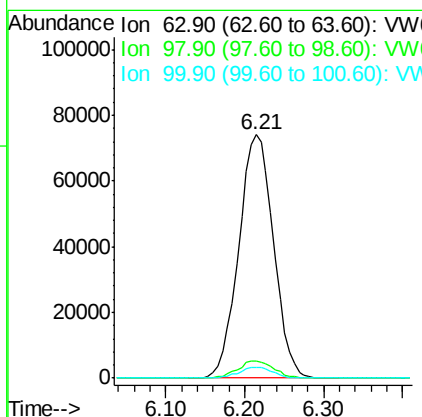
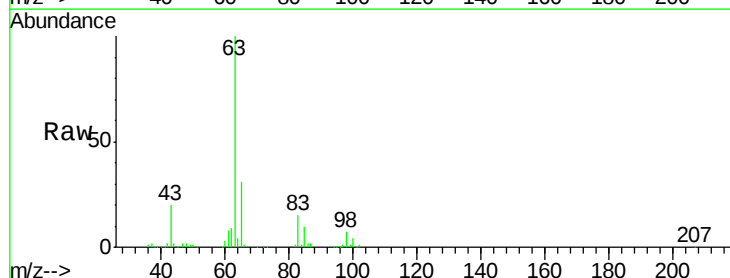
Manual Integrations
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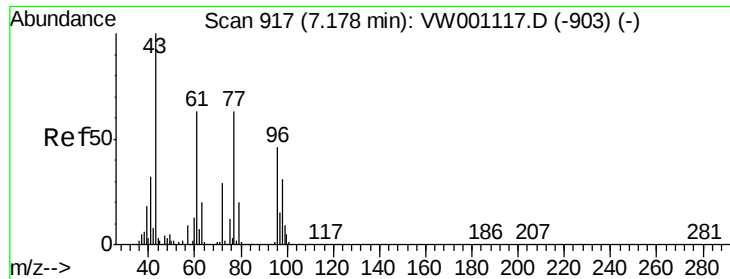
MMDadoda
 1/30/2018 5:46:55 PM



#24
 1,1-Dichloroethane
 Concen: 47.93 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.0	9.2
100	4.5	2.1	6.3





#25

2-Butanone

Concen: 223.22 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tot Ion: 43 Resp: 238110

Ion Ratio Lower Upper

43 100

72 29.4 22.8 34.2

Instrument :

MSVOA_W

ClientSampled :

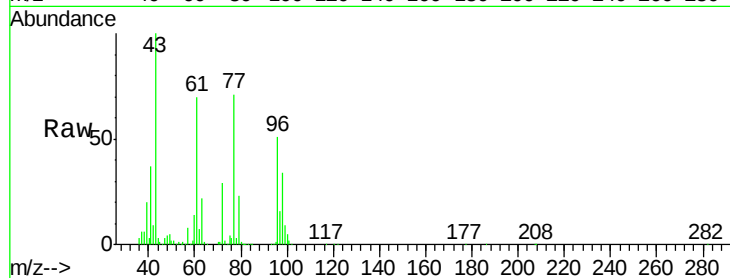
ICVW012918

Manual Integrations

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MMDadoda

1/30/2018 5:46:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

100000

80000

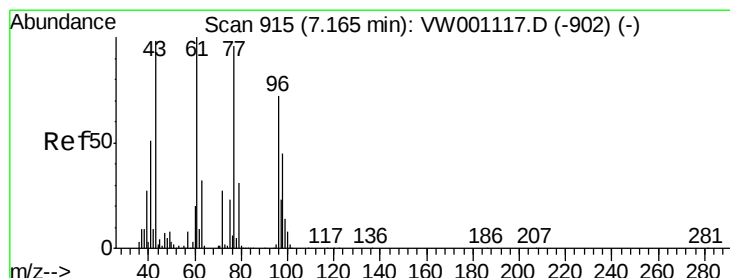
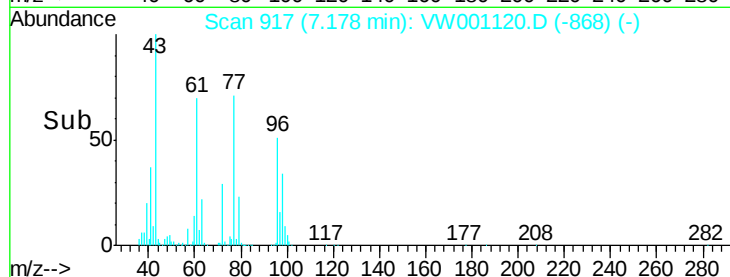
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.50 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001120.D

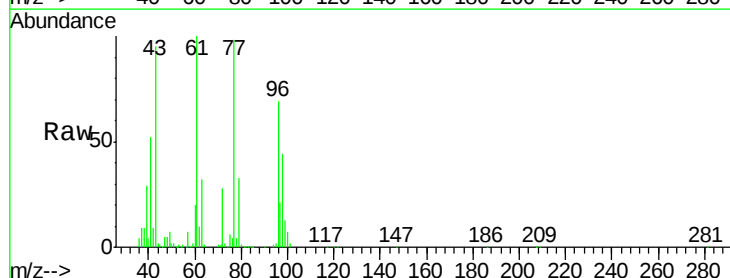
Acq: 29 Jan 2018 15:04

Tgt Ion: 77 Resp: 222029

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

80000

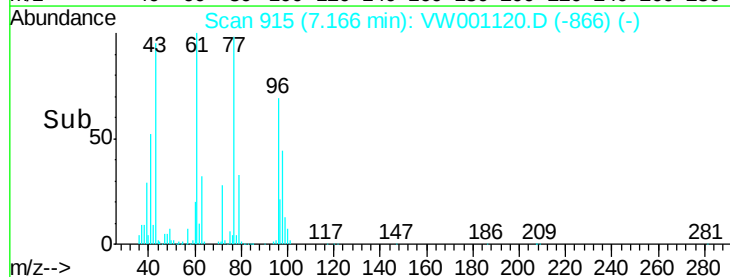
60000

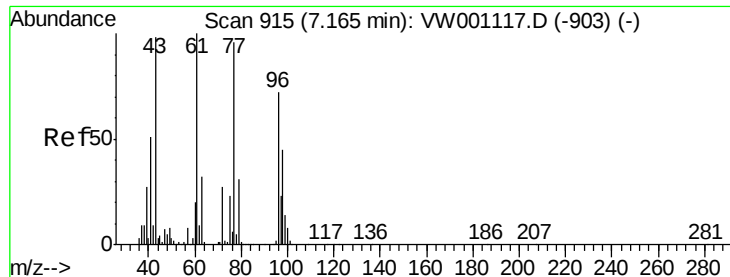
40000

20000

0

Time-->





#27

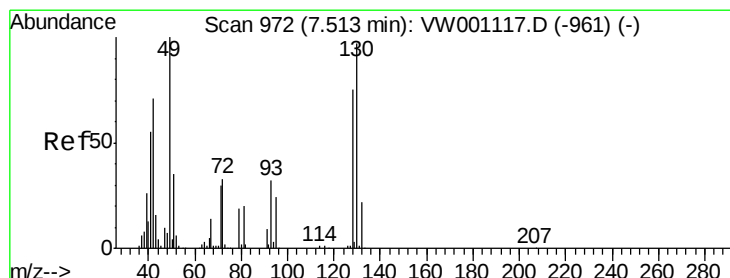
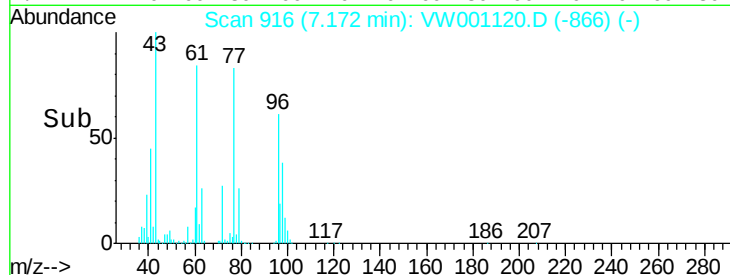
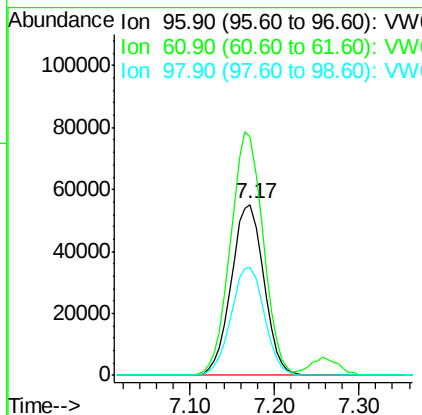
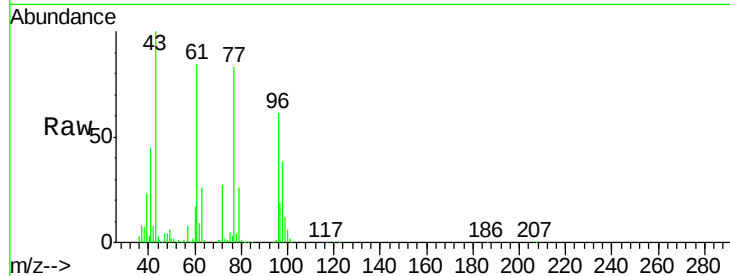
cis-1,2-Dichloroethene
Concen: 48.07 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		144878		
61	142.4	0.0	280.4		
98	64.3	0.0	129.6		

Manual Integrations
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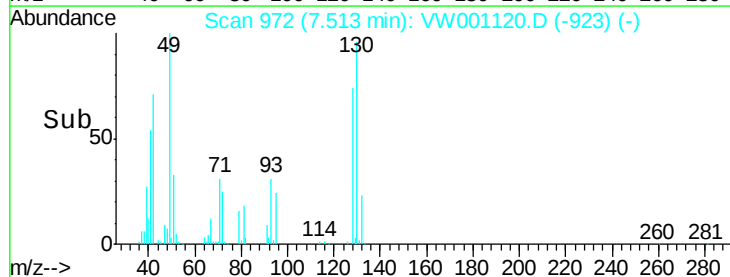
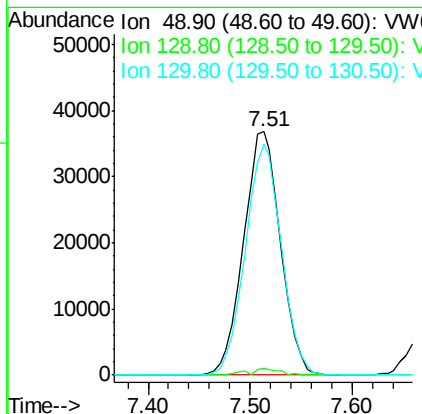
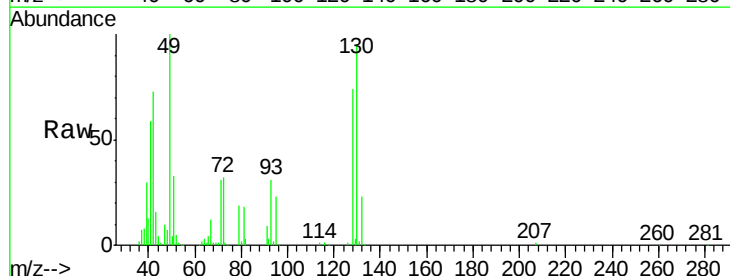
MMDadoda
1/30/2018 5:46:55 PM

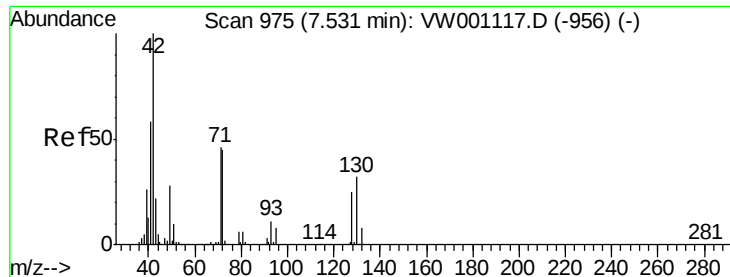


#28

Bromochloromethane
Concen: 48.17 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		92524		
129	1.8	0.0	2.6		
130	93.0	75.5	113.3		





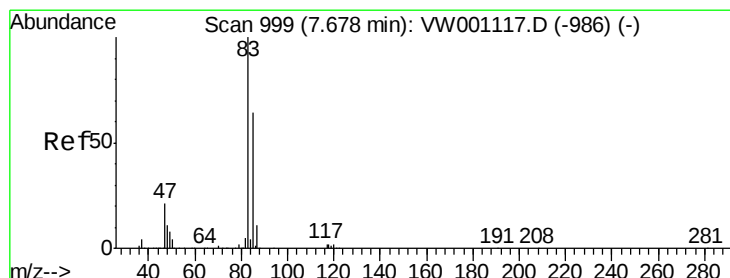
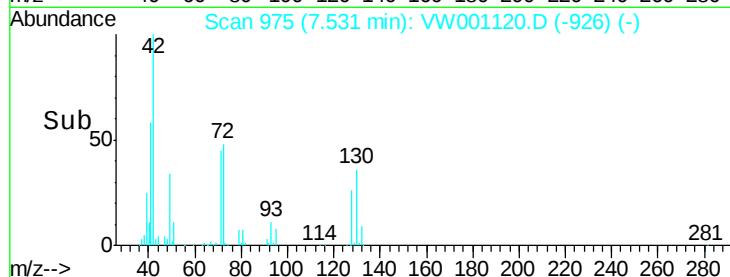
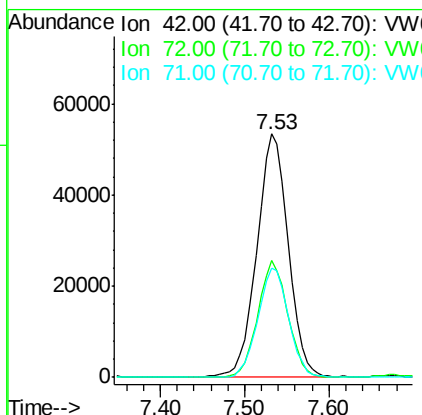
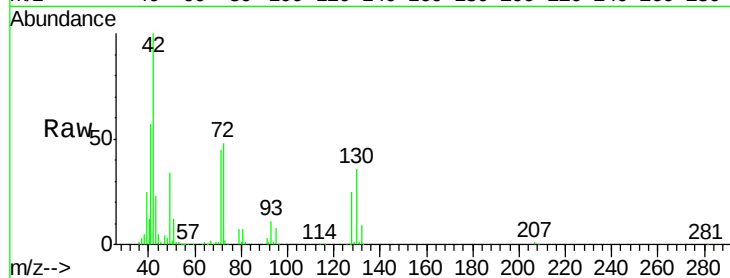
#29
Tetrahydrofuran
Concen: 224.61 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.8	55.2
71	43.9	35.1	52.7

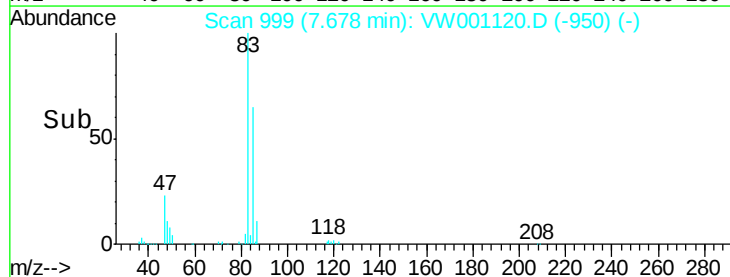
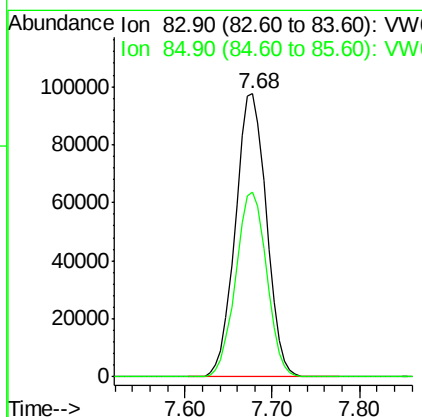
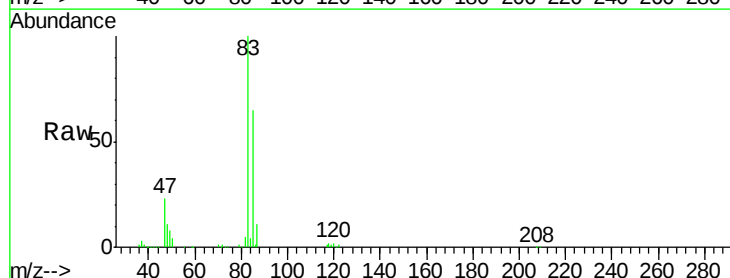
Manual Integrations
APPROVED

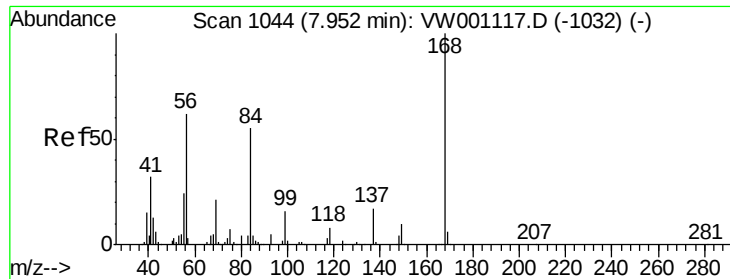
MM Dadoda
1/30/2018 5:46:55 PM



#30
Chloroform
Concen: 47.00 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.2





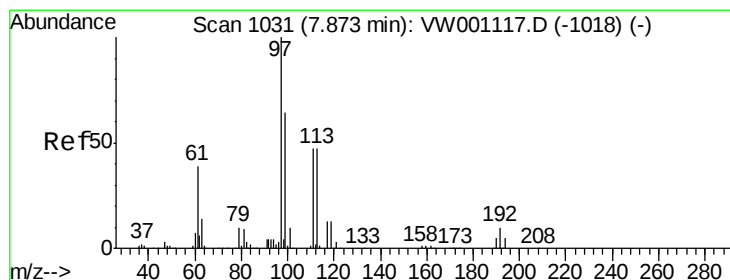
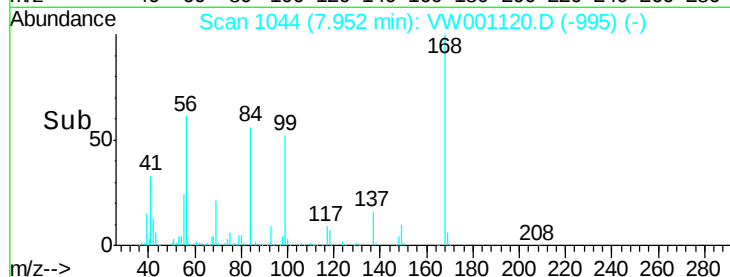
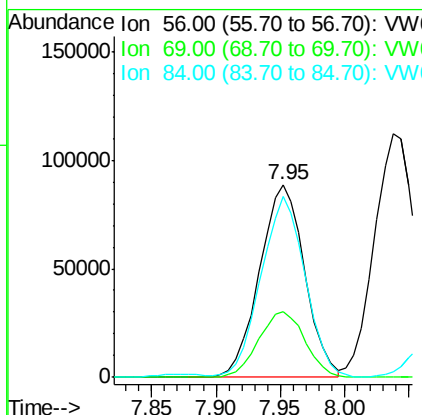
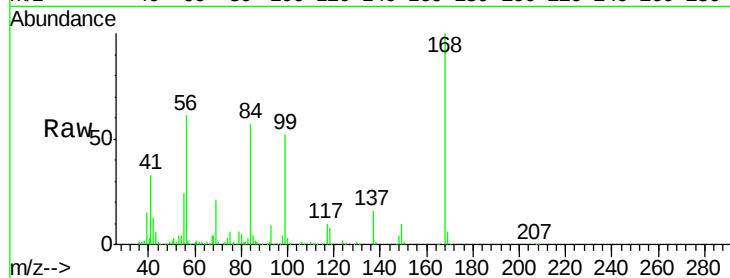
#31
Cyclohexane
Concen: 46.99 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	27.4	41.0
84	92.0	71.1	106.7

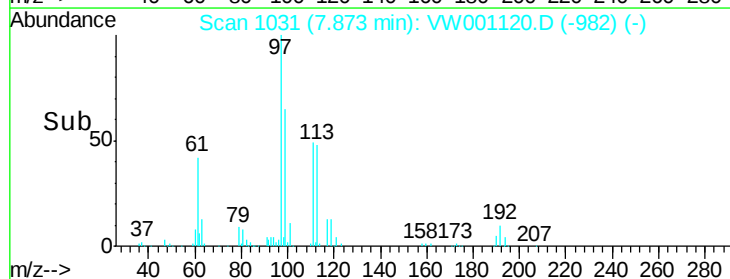
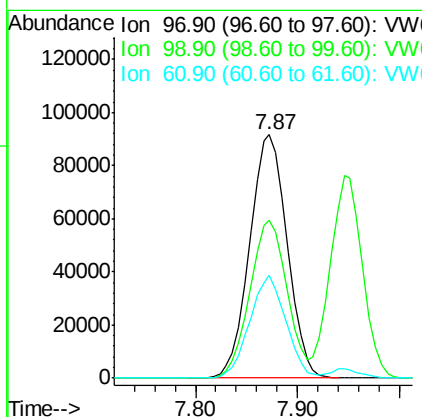
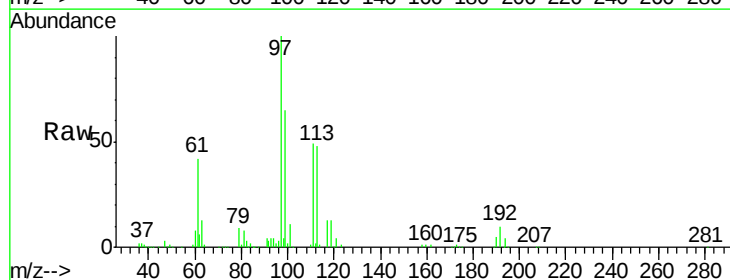
Manual Integrations
APPROVED

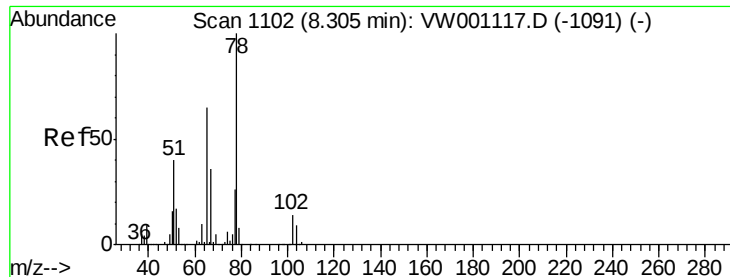
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1/30/2018 5:46:55 PM



#32
1,1,1-Trichloroethane
Concen: 48.26 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	40.9	32.4	48.6





#33

1,2-Dichloroethane-d4

Concen: 48.21 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tot Ion: 65 Resp: 149003

Ion Ratio Lower Upper

65 100

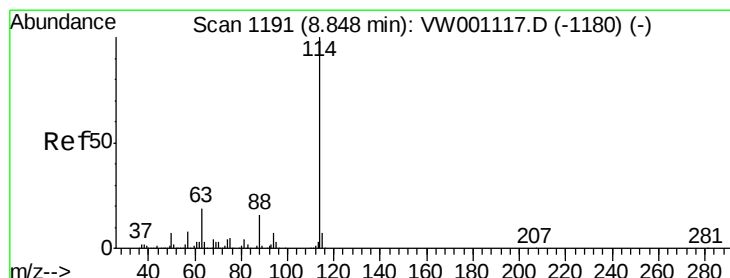
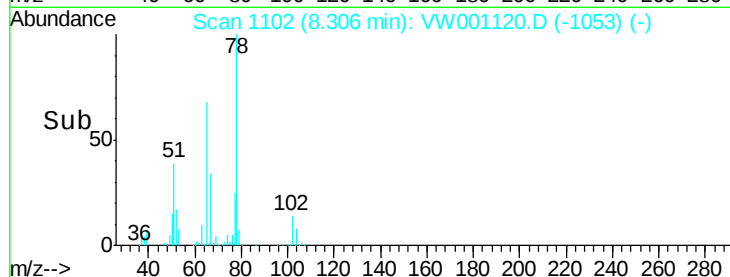
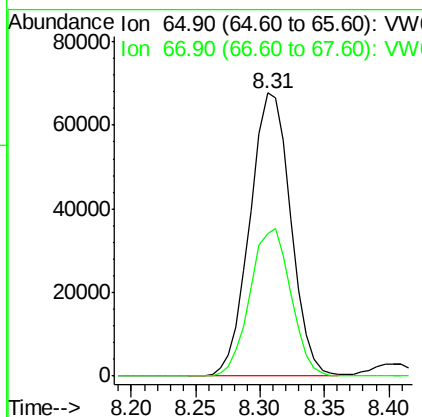
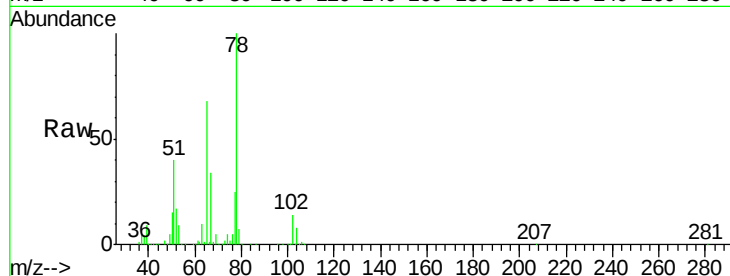
67 51.9 0.0 104.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

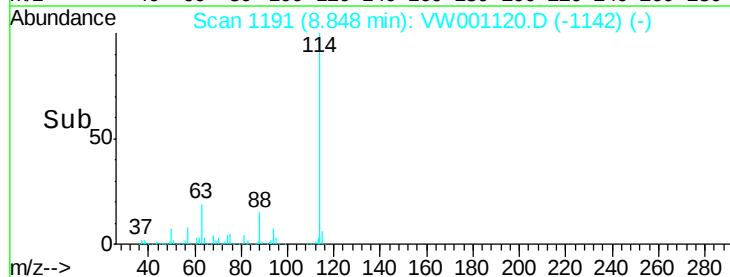
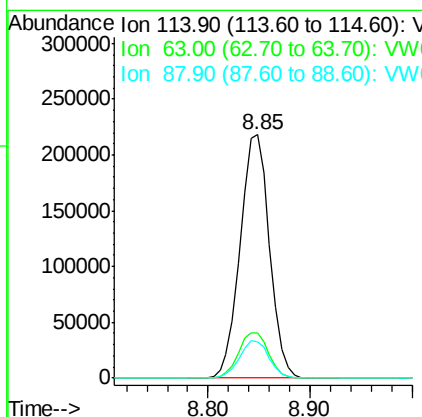
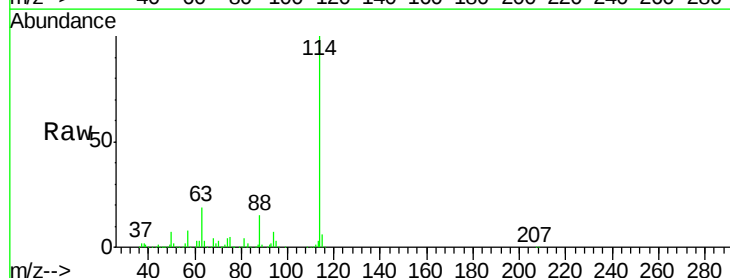
Tgt Ion: 114 Resp: 435857

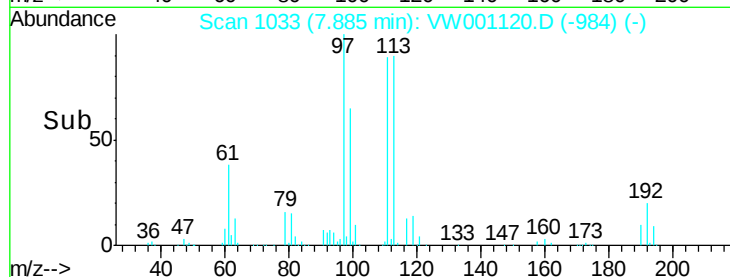
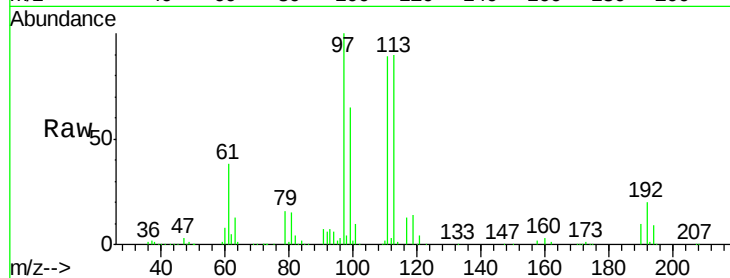
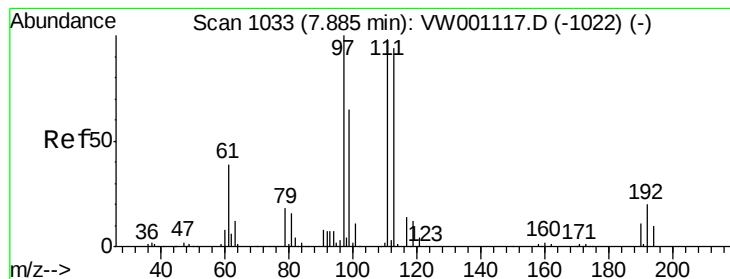
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.2

88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW001120.D

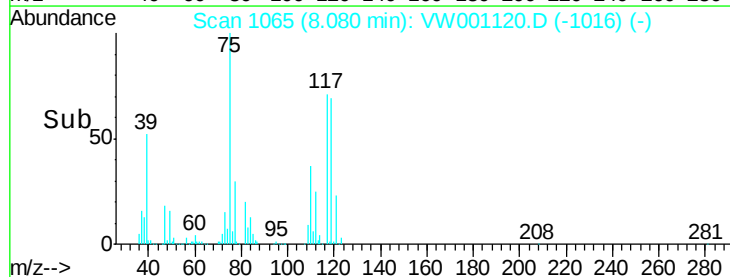
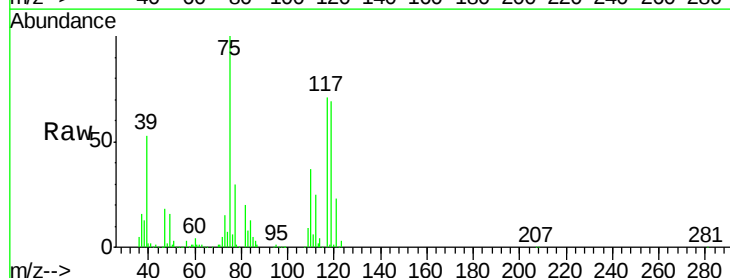
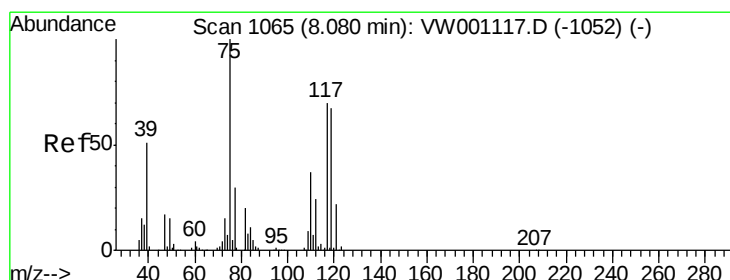
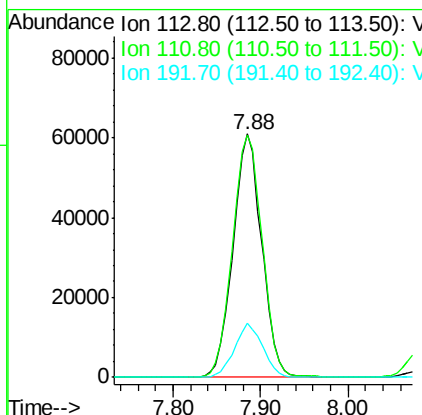
Acq: 29 Jan 2018 15:04

Tot Ion:	113	Resp:	139226
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.1	124.7
192	21.8	17.8	26.6

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.95 ug/l

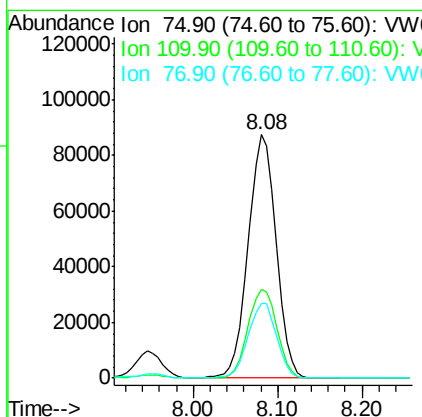
RT: 8.08 min Scan# 1065

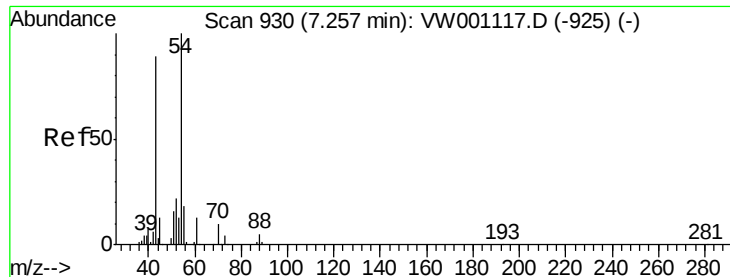
Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	75	Resp:	196557
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.7	56.1
77	31.3	24.6	37.0





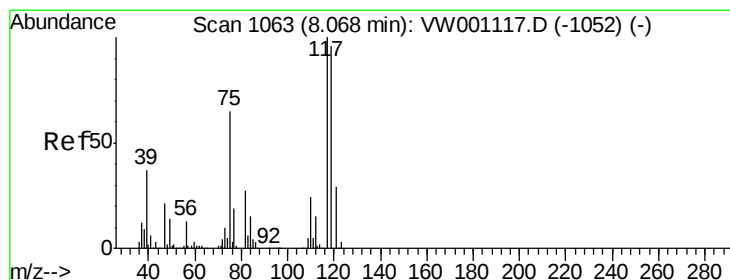
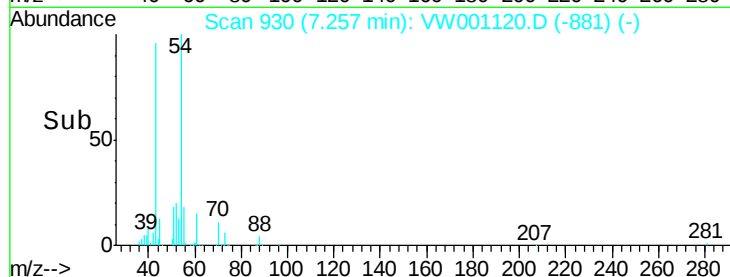
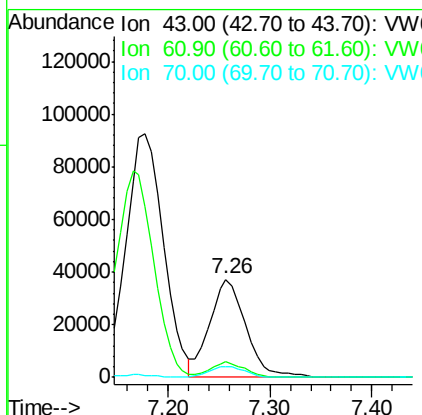
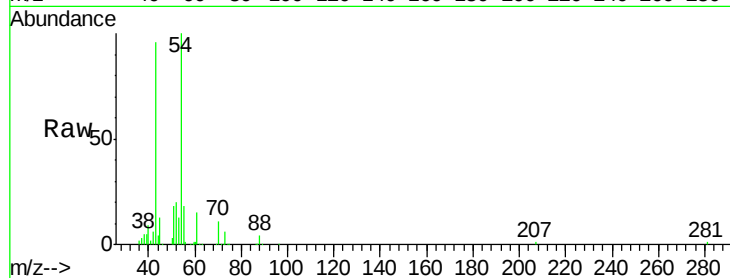
#37
Ethyl Acetate
Concen: 44.21 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	11.2	9.4	14.0

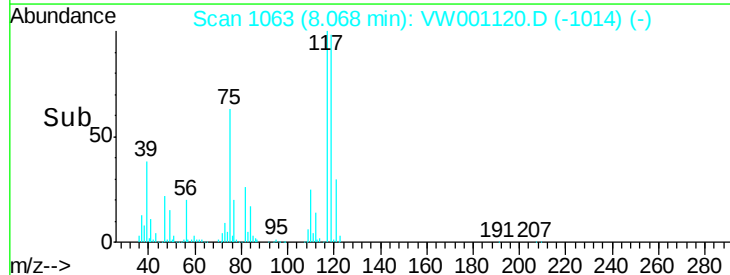
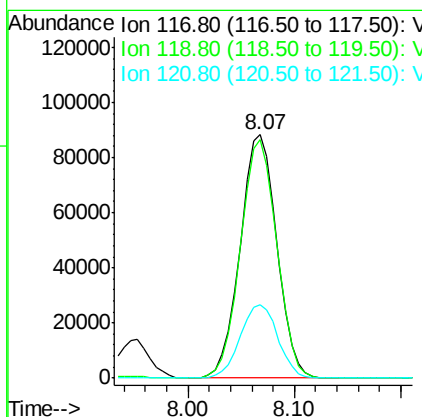
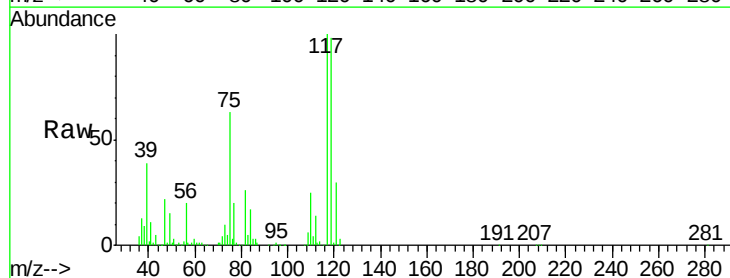
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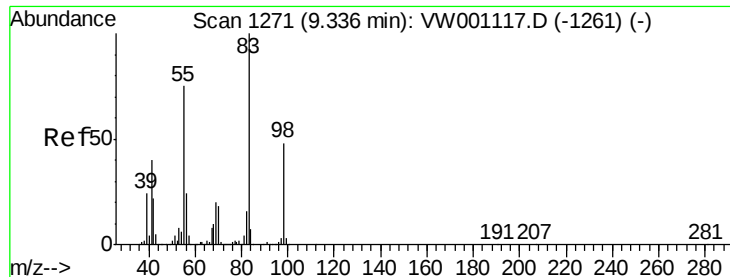
MMDadoda
1/30/2018 5:46:55 PM



#38
Carbon Tetrachloride
Concen: 48.65 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.0	115.4
121	30.2	23.5	35.3





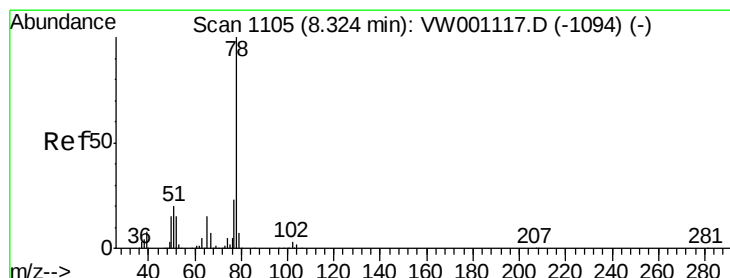
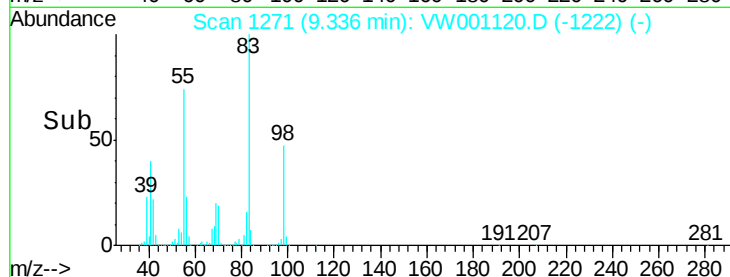
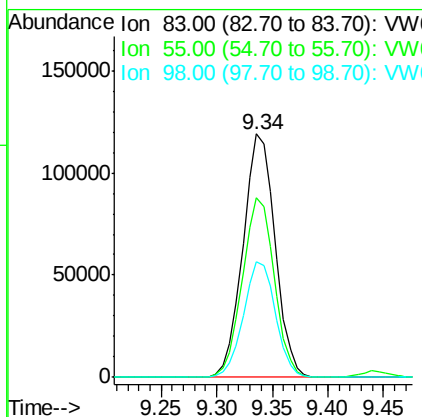
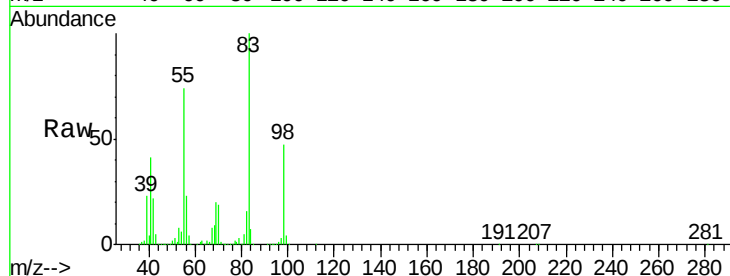
#39
Methvlcvclohexane
Concen: 51.45 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	59.7	89.5
98	47.4	38.0	57.0

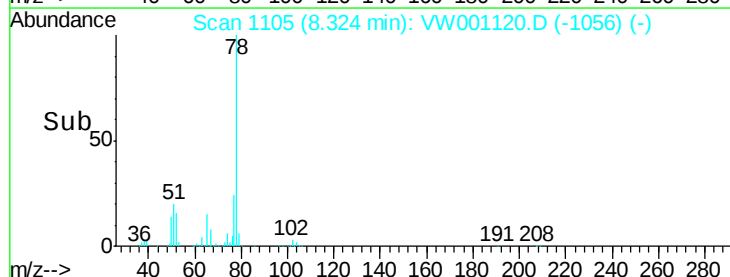
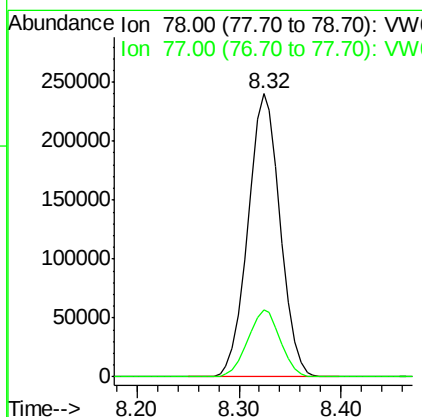
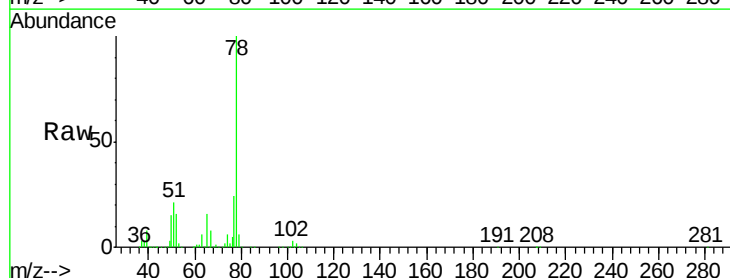
Manual Integrations
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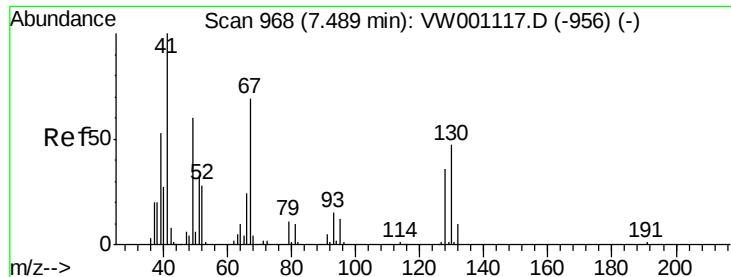
MMDadoda
1/30/2018 5:46:55 PM



#40
Benzene
Concen: 48.34 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





#41

Methacrylonitrile

Concen: 48.17 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW001120.D

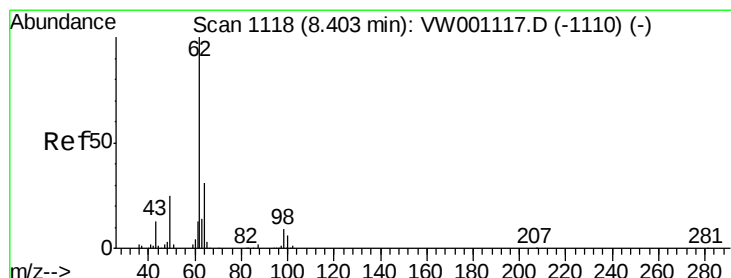
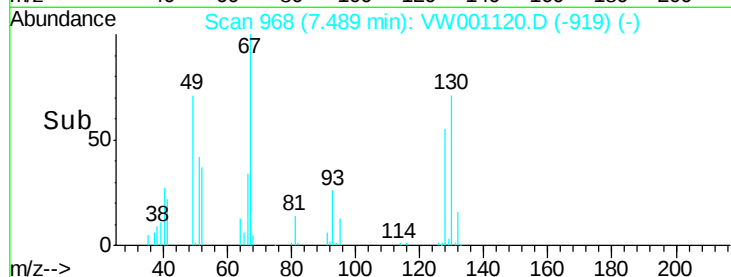
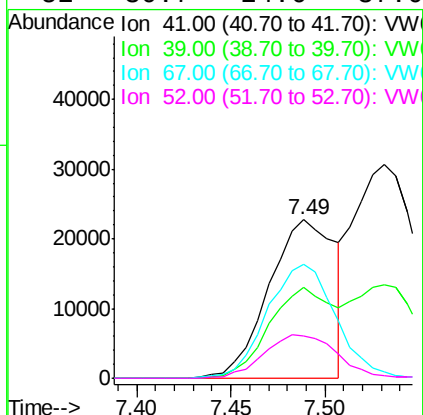
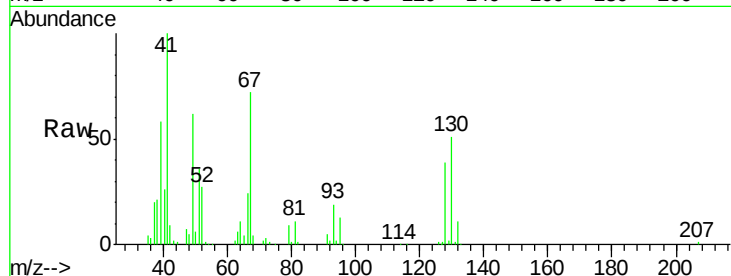
Acq: 29 Jan 2018 15:04

Tot Ion:	41	Resp:	55586
Ion	Ratio	Lower	Upper
41	100		
39	55.5	48.8	73.2
67	74.4	59.6	89.4
52	30.7	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Manual Integrations
APPROVED

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#42

1,2-Dichloroethane

Concen: 46.07 ug/l

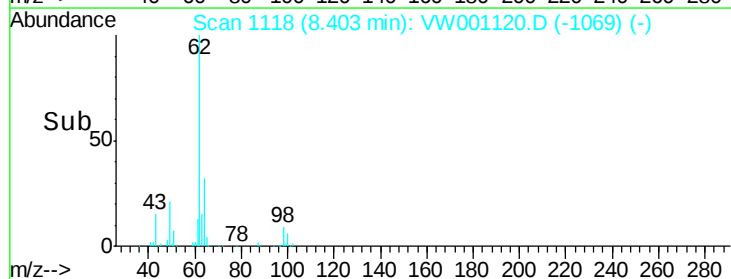
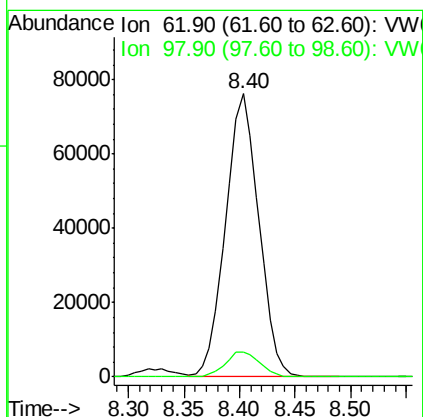
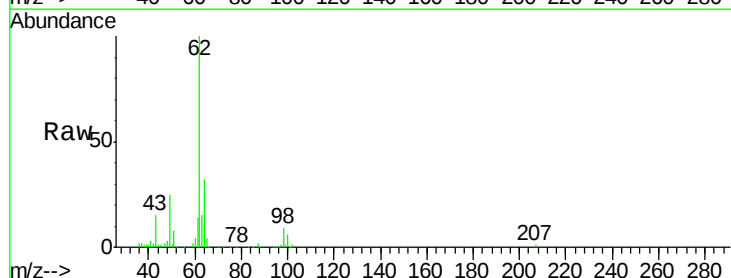
RT: 8.40 min Scan# 1118

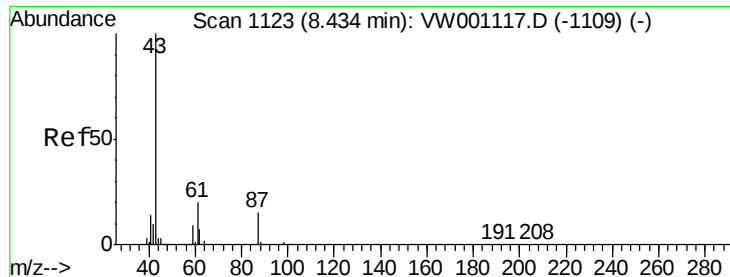
Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	62	Resp:	157820
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 46.05 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

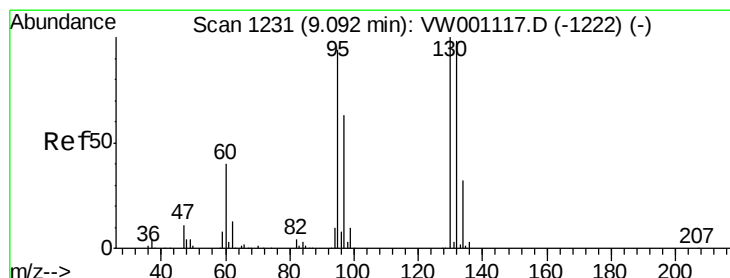
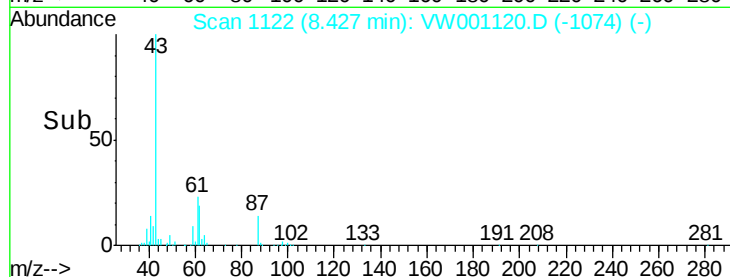
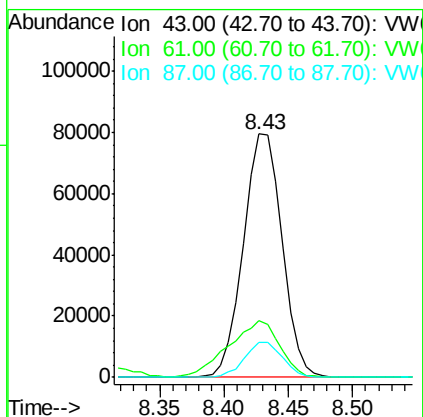
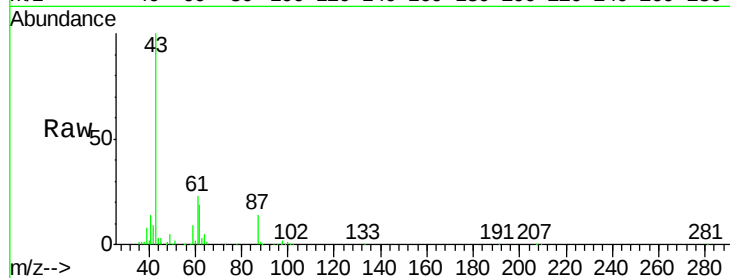
ClientSampleId :

ICVW012918

Tot Ion:	43	Resp:	164814
Ion	Ratio	Lower	Upper
43	100		
61	30.9	23.9	35.9
87	14.1	12.0	18.0

Manual Integrations
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MM Dadoda
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#44

Trichloroethene

Concen: 48.46 ug/l

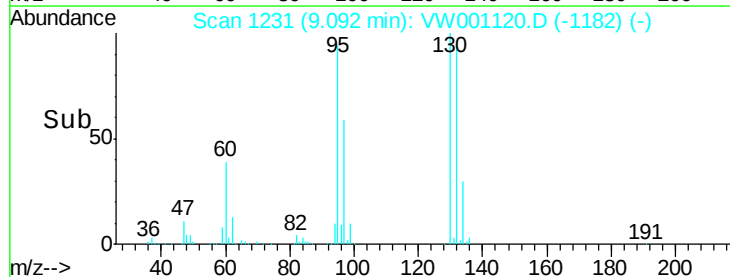
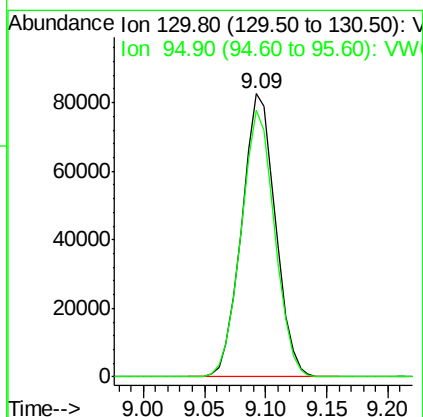
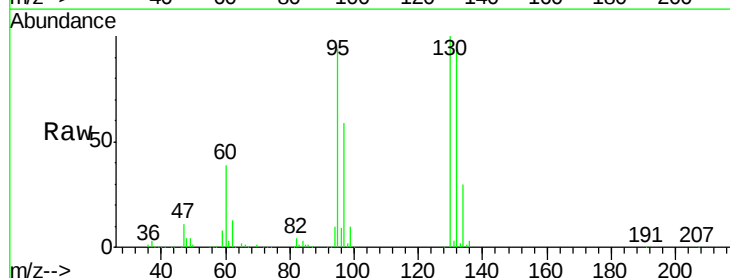
RT: 9.09 min Scan# 1231

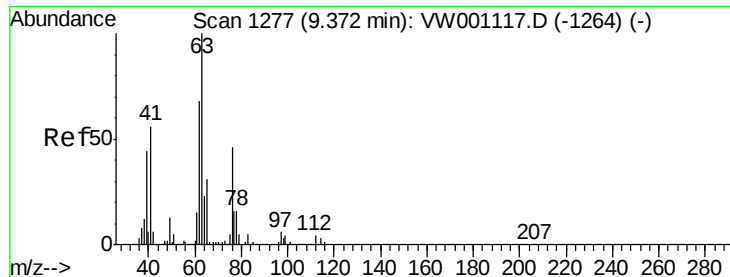
Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	130	Resp:	158527
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	189.0





#45

1,2-Dichloropropane

Concen: 47.63 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tot Ion: 63 Resp: 124962

Ion Ratio Lower Upper

63 100

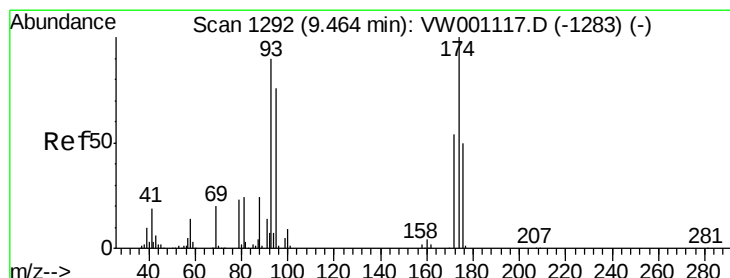
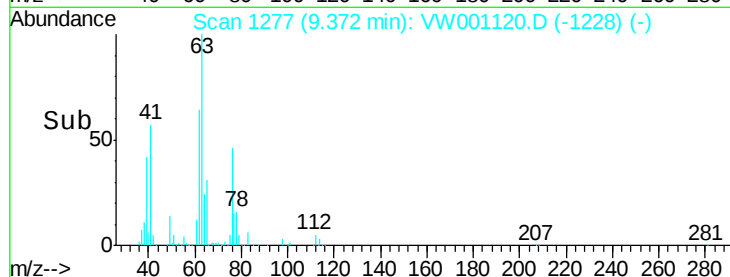
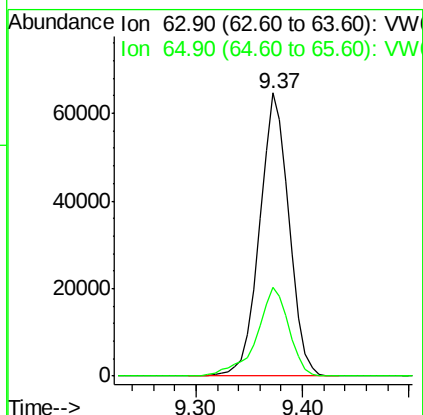
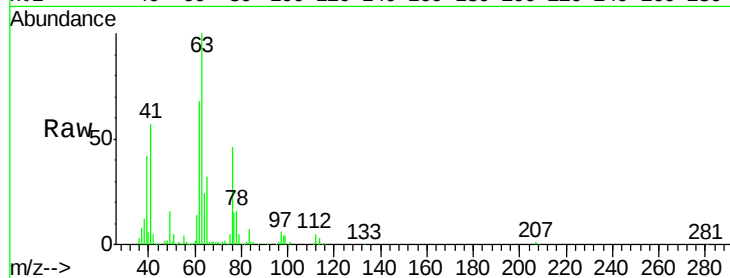
65 31.6 25.0 37.4

Manual Integrations

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MMDadoda

1/30/2018 5:46:55 PM



#46

Dibromomethane

Concen: 45.12 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

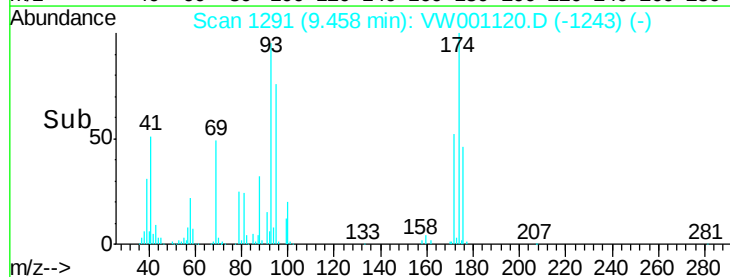
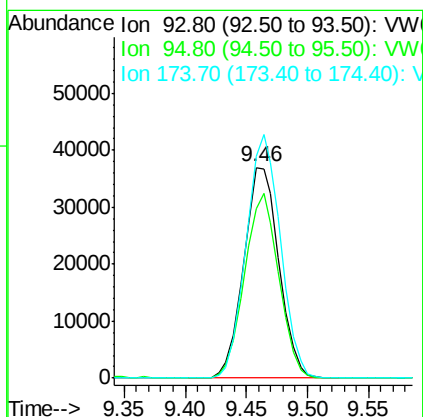
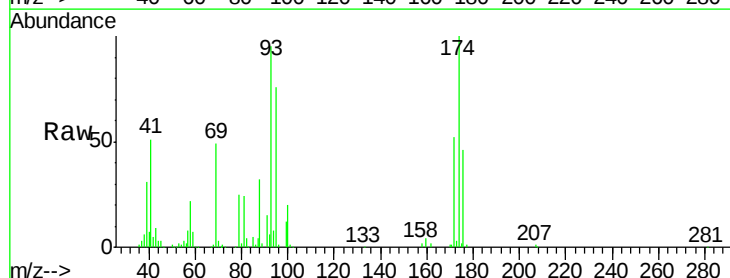
Tgt Ion: 93 Resp: 74017

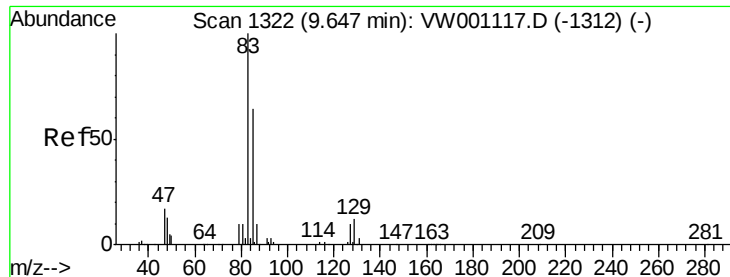
Ion Ratio Lower Upper

93 100

95 85.4 66.5 99.7

174 112.7 89.5 134.3





#47

Bromodichloromethane

Concen: 47.70 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

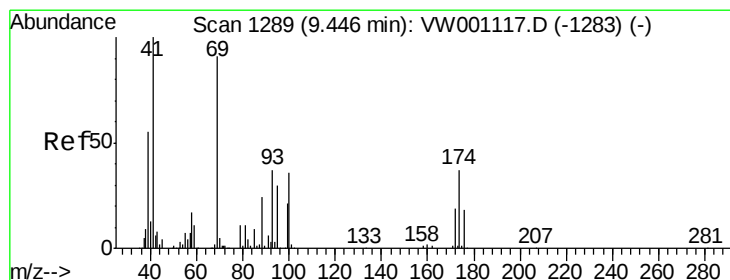
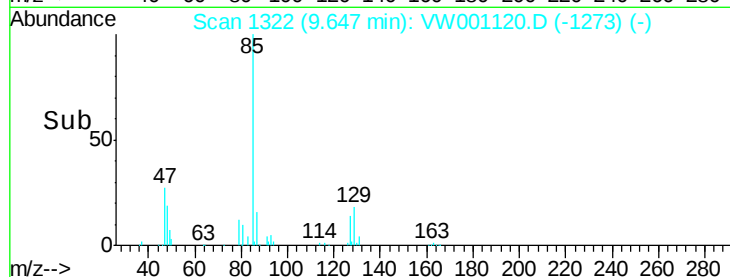
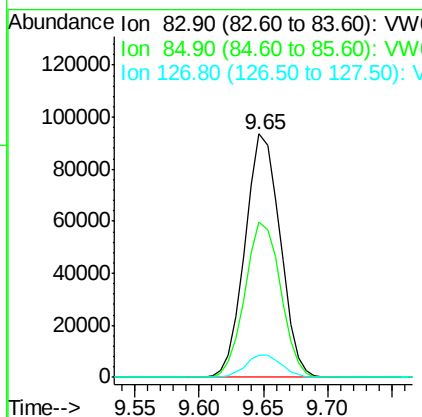
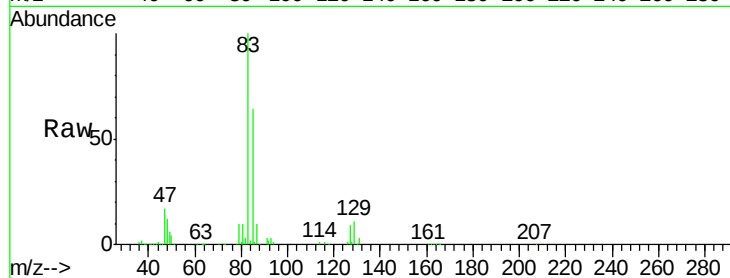
ClientSampleId :

ICVW012918

Tot Ion:	83	Resp:	177060
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.5	77.3
127	8.9	7.6	11.4

Manual Integrations
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1/30/2018 5:46:55 PM



#48

Methyl methacrylate

Concen: 48.42 ug/l

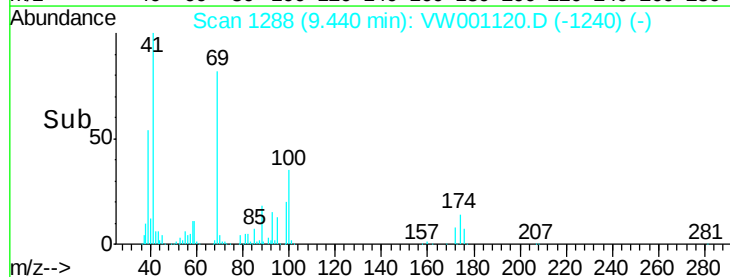
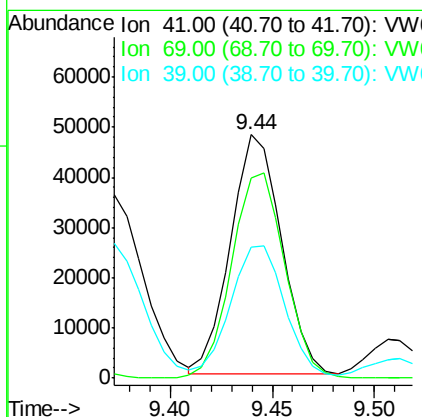
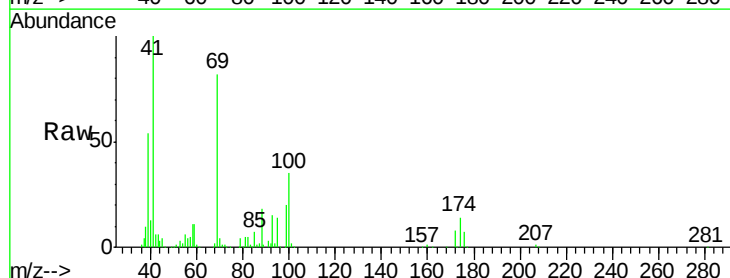
RT: 9.44 min Scan# 1288

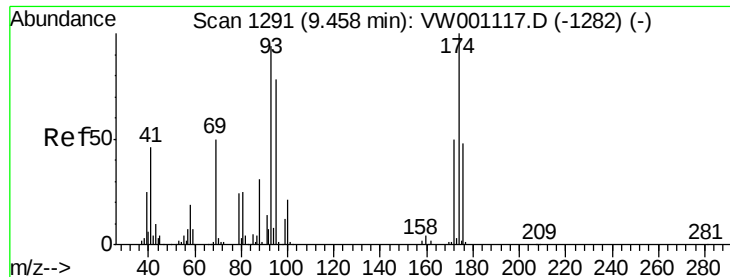
Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	41	Resp:	82832
Ion	Ratio	Lower	Upper
41	100		
69	89.8	74.9	112.3
39	59.2	47.6	71.4





#49

1,4-Dioxane

Concen: 945.70 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

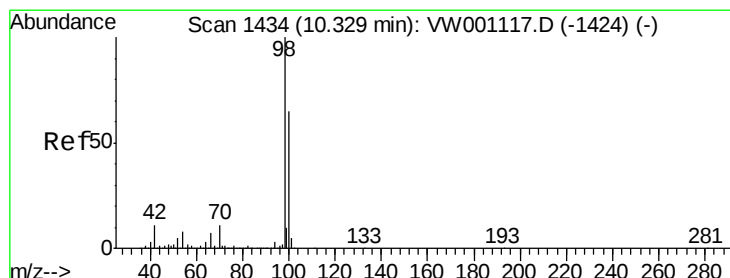
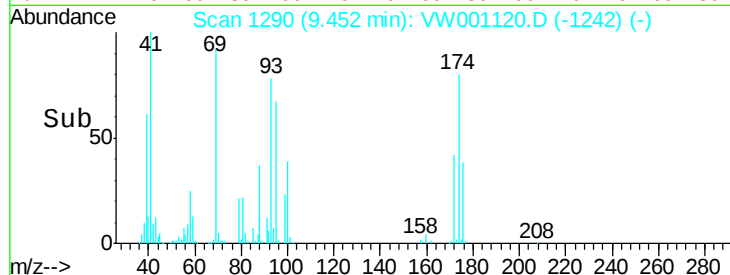
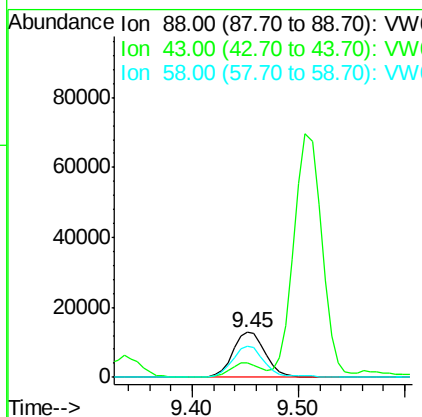
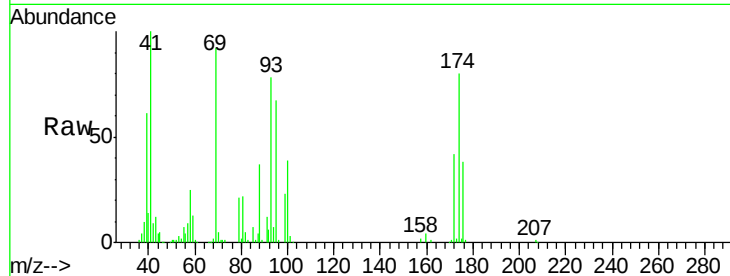
ClientSampleId :

ICVW012918

Tot Ion:	88	Resp:	27647
Ion	Ratio	Lower	Upper
88	100		
43	30.5	23.0	34.6
58	68.9	53.9	80.9

Manual Integrations
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#50

Toluene-d8

Concen: 52.06 ug/l

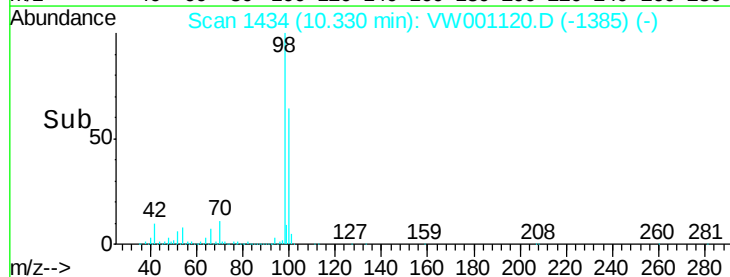
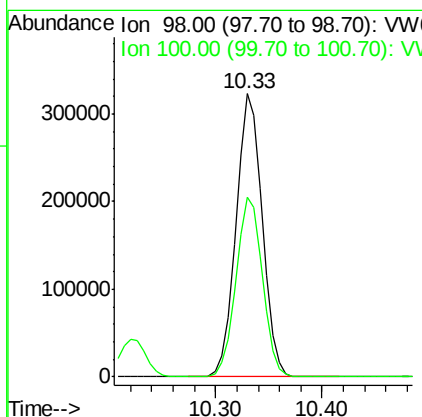
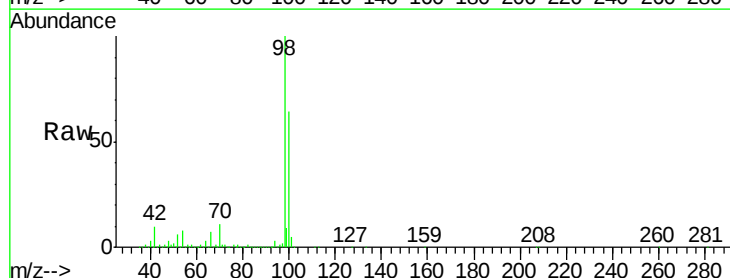
RT: 10.33 min Scan# 1434

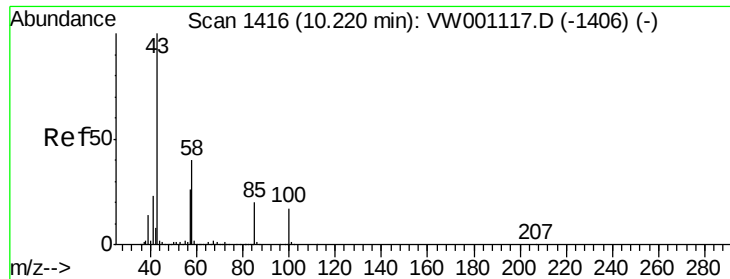
Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	98	Resp:	558656
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.3	76.9





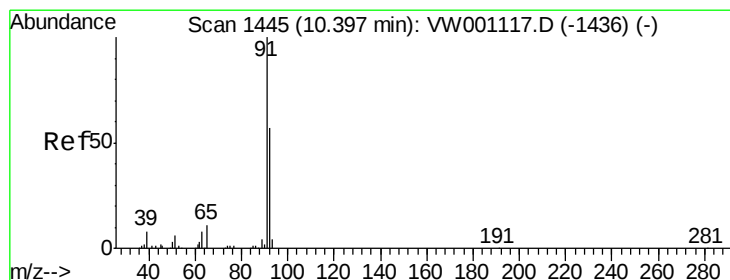
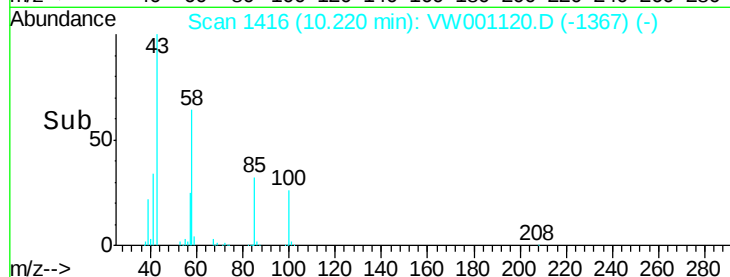
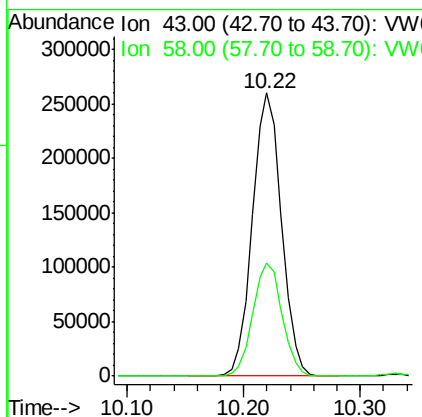
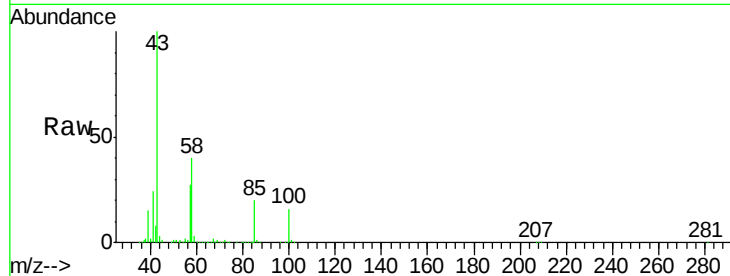
#51
 4-Methyl-2-Pentanone
 Concen: 230.30 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW012918

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.1	48.1

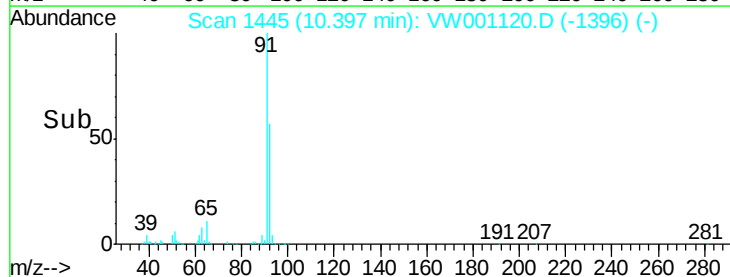
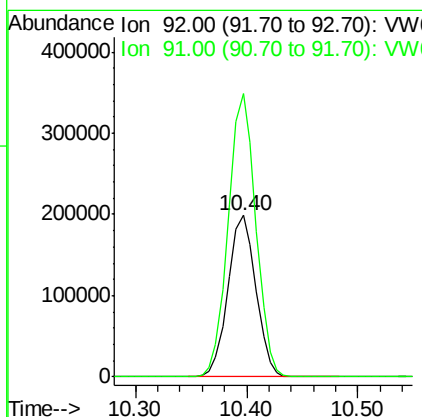
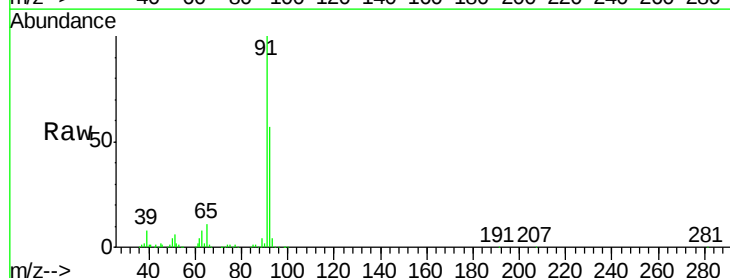
Manual Integrations
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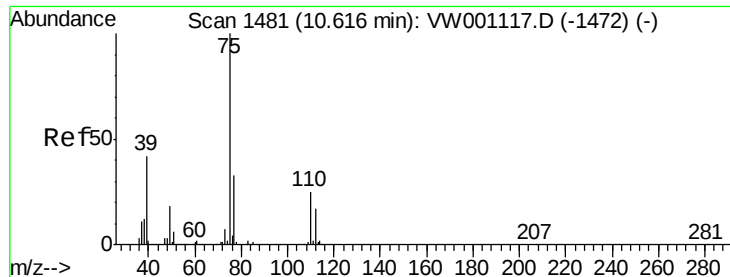
MMDadoda
 1/30/2018 5:46:55 PM



#52
 Toluene
 Concen: 49.14 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.1	140.6	211.0





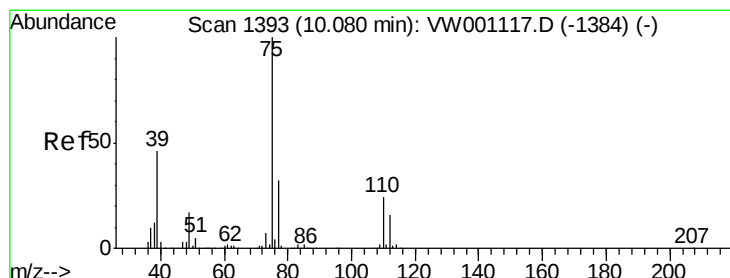
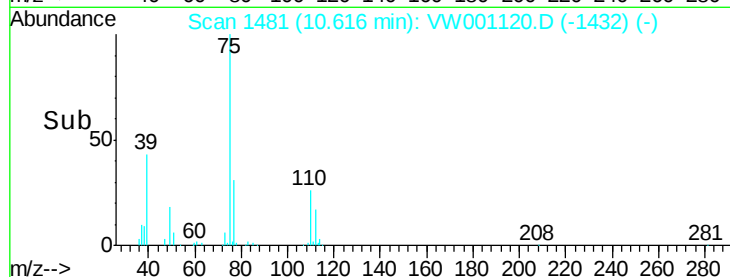
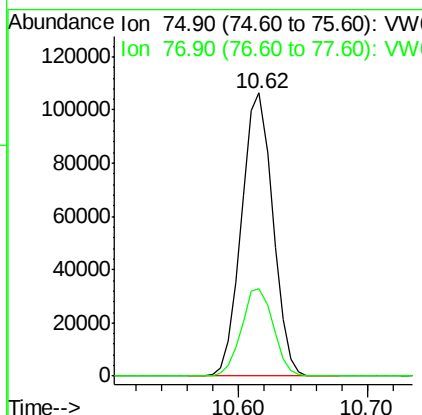
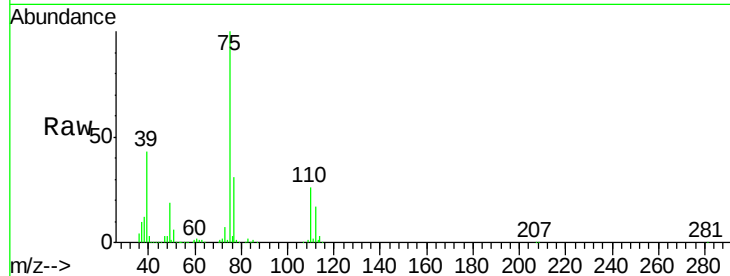
#53
t-1,3-Dichloropropene
Concen: 47.82 ug/l
RT: 10.62 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampled :
ICVW012918

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.0	39.0

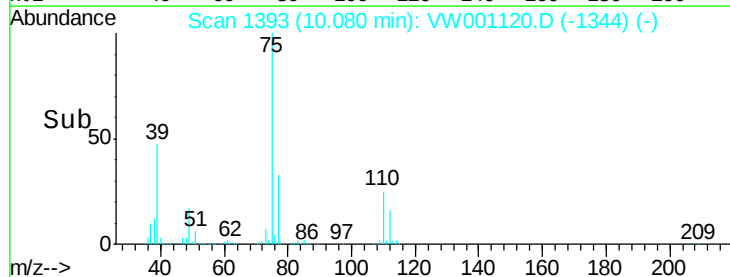
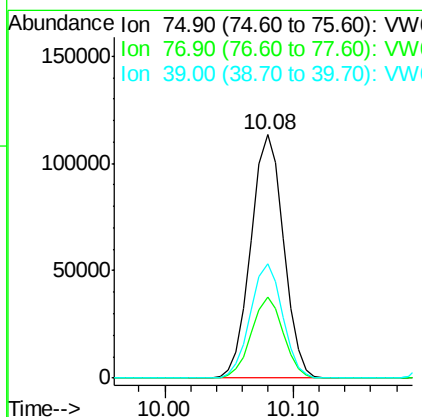
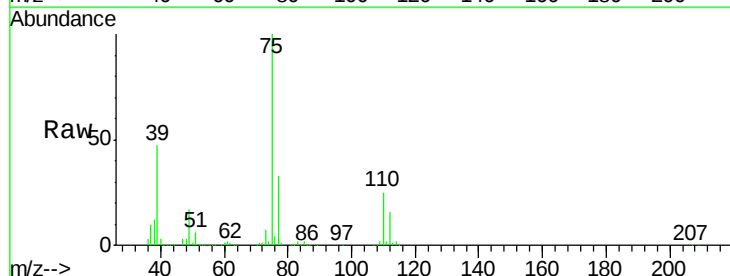
Manual Integrations
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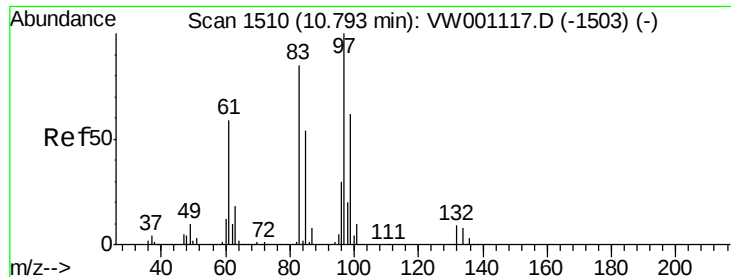
MMDadoda
1/30/2018 5:46:55 PM



#54
cis-1,3-Dichloropropene
Concen: 47.49 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.5	38.3
39	46.6	37.0	55.4





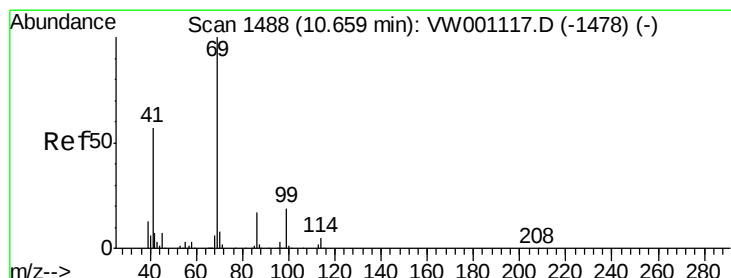
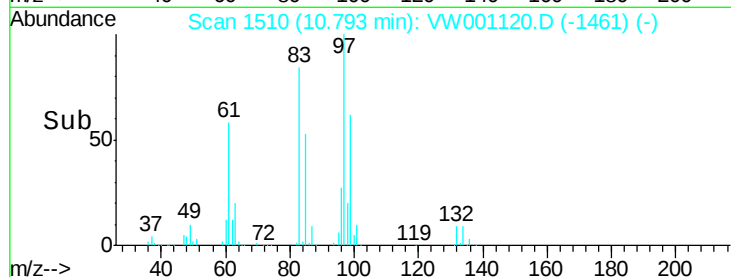
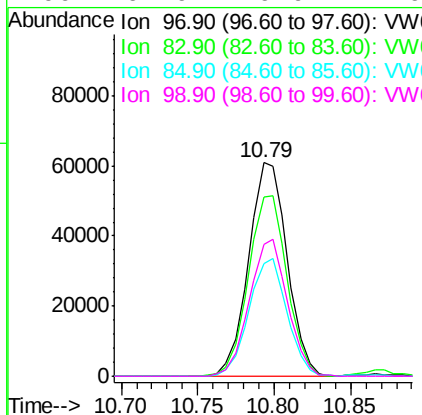
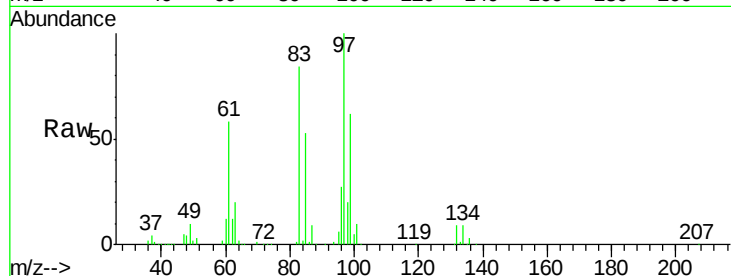
#55
 1,1,2-Trichloroethane
 Concen: 45.73 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.7	101.5
85	52.5	43.0	64.6
99	61.9	49.9	74.9

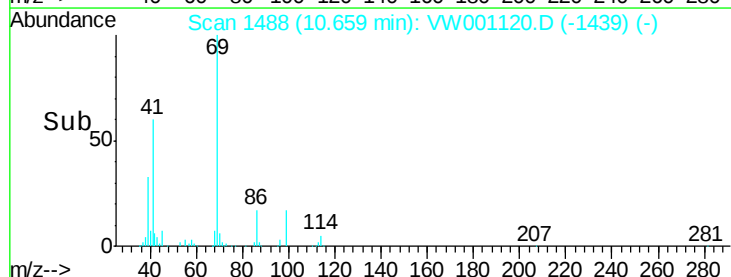
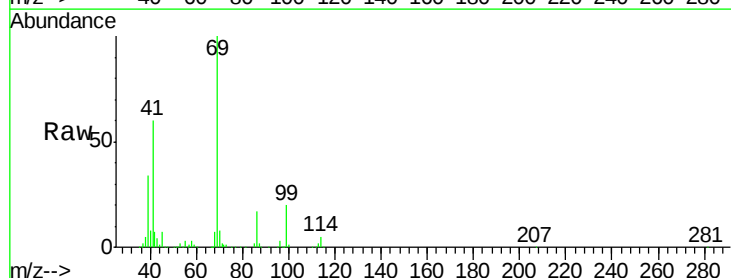
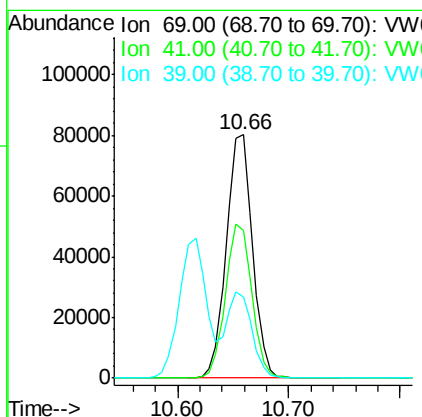
Manual Integrations
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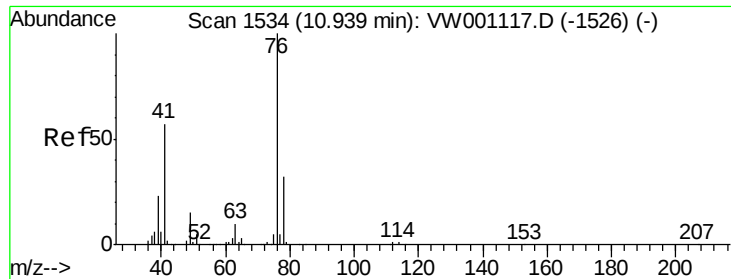
MMDadoda
 1/30/2018 5:46:55 PM



#56
 Ethyl methacrylate
 Concen: 47.64 ug/l
 RT: 10.66 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.6	75.8
39	34.7	27.5	41.3





#57

1,3-Dichloropropane

Concen: 46.19 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tot Ion: 76 Resp: 175644

Ion Ratio Lower Upper

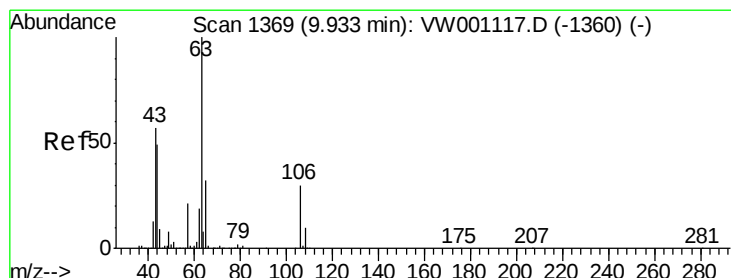
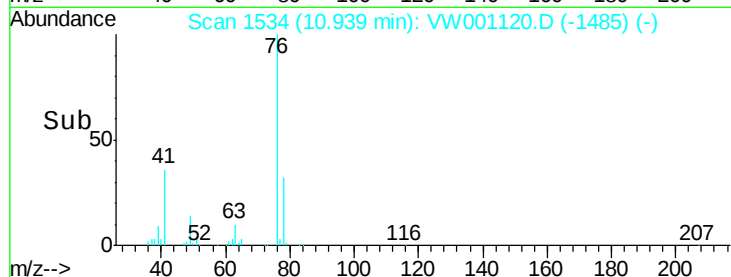
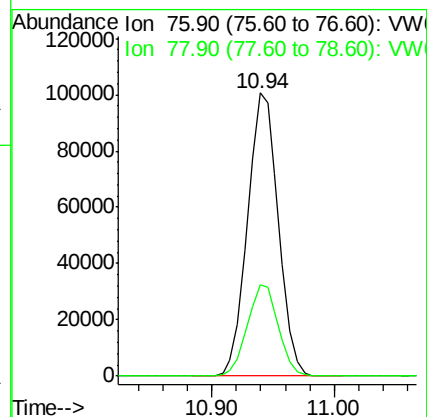
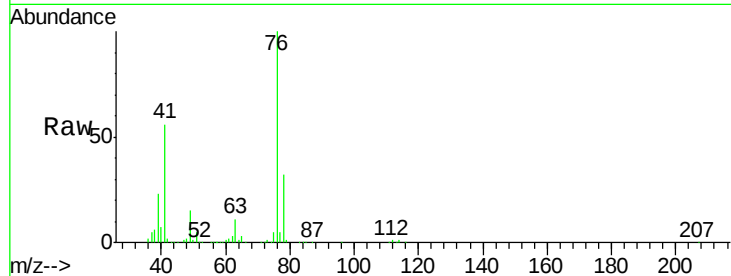
76 100

78 32.3 25.7 38.5

Manual Integrations
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MMMadoda

1/30/2018 5:46:55 PM



#58

2-Chloroethyl Vinyl ether

Concen: 226.83 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW001120.D

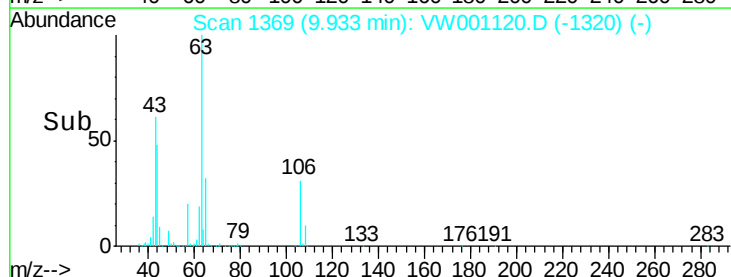
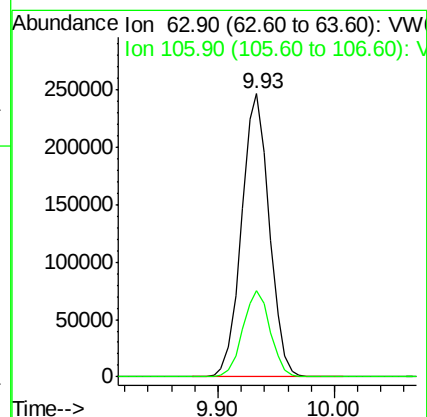
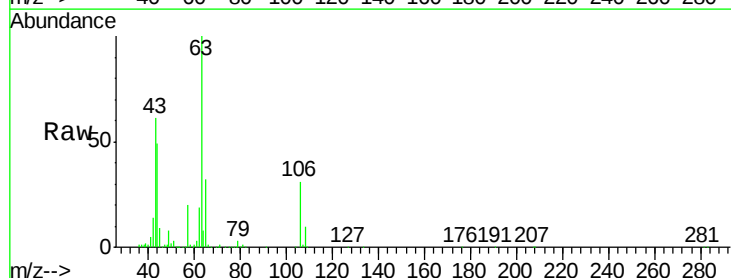
Acq: 29 Jan 2018 15:04

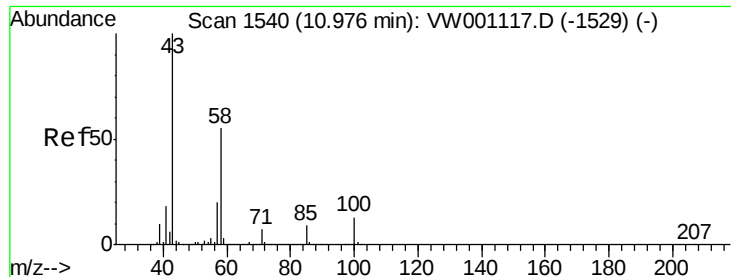
Tgt Ion: 63 Resp: 409021

Ion Ratio Lower Upper

63 100

106 30.3 24.2 36.4





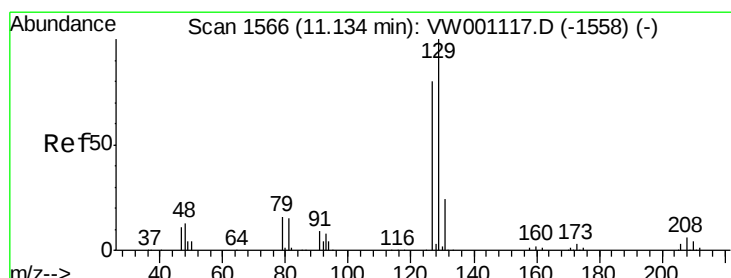
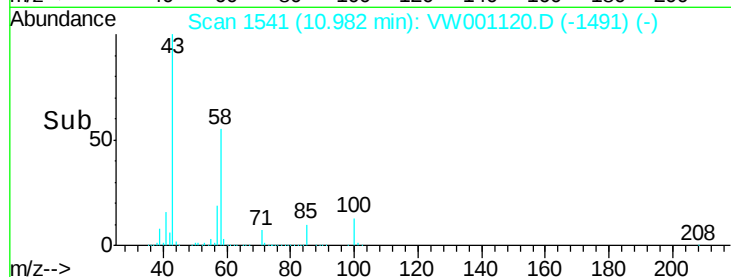
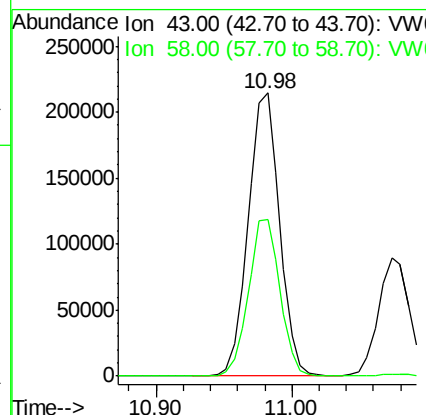
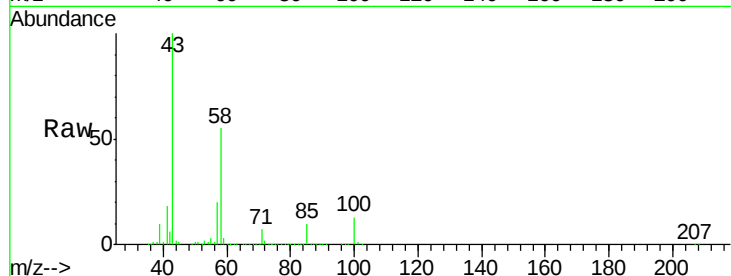
#59
2-Hexanone
Concen: 233.74 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion: 43 Resp: 345806
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.0

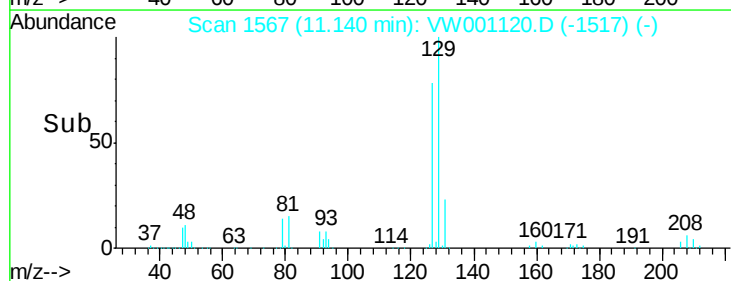
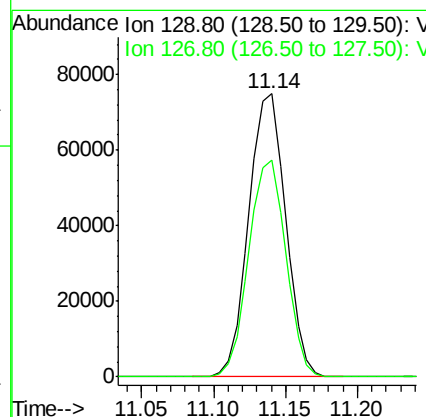
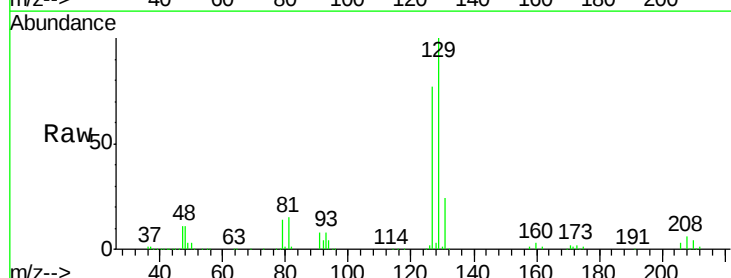
Manual Integrations
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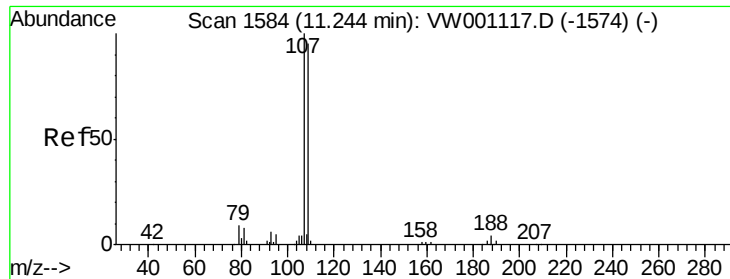
MMDadoda
1/30/2018 5:46:55 PM



#60
Dibromochloromethane
Concen: 46.81 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion: 129 Resp: 133400
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





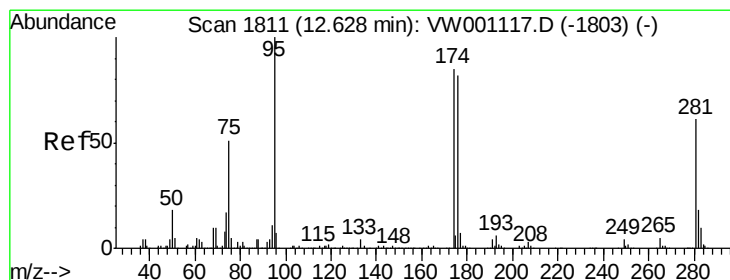
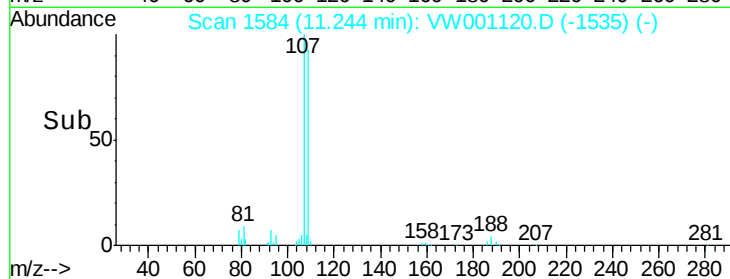
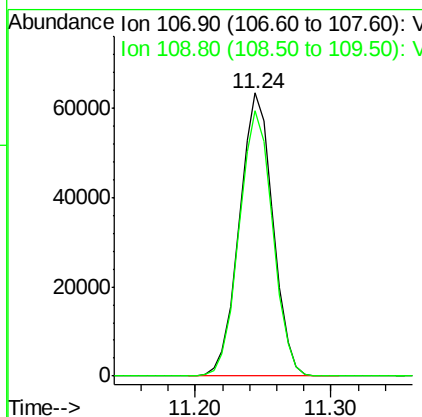
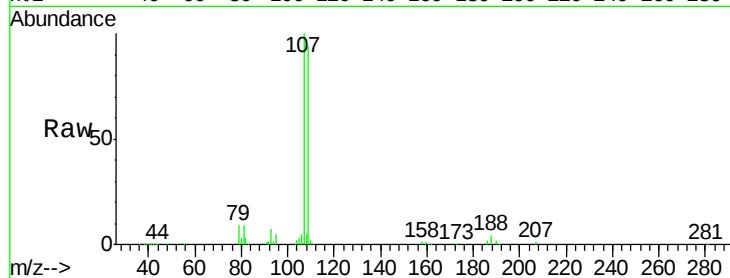
#61
 1,2-Dibromoethane
 Concen: 46.14 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.8	113.8

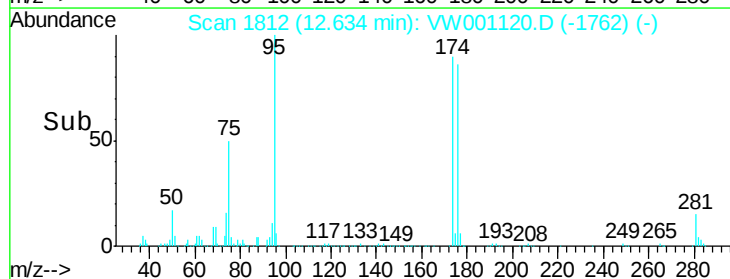
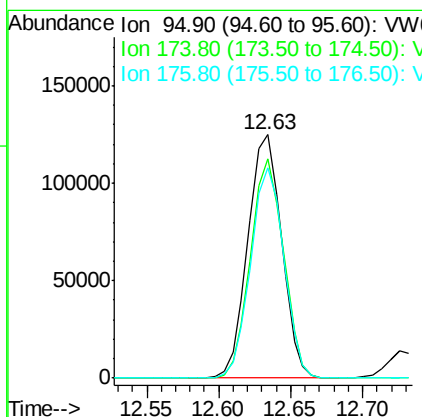
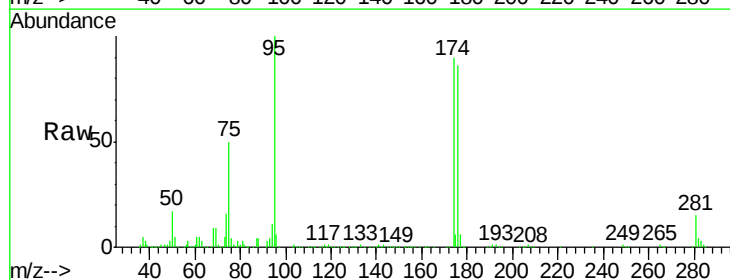
Manual Integrations
 APPROVED

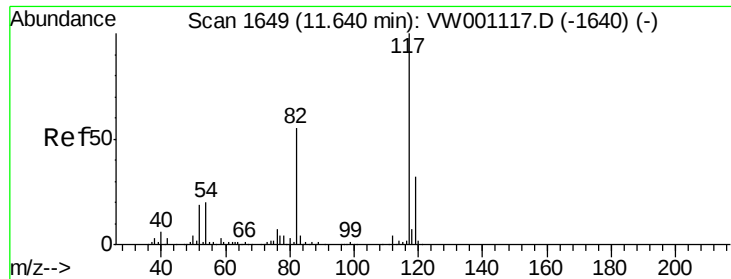
MMDadoda
 1/30/2018 5:46:55 PM



#62
 4-Bromofluorobenzene
 Concen: 51.34 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	179.6
176	85.0	0.0	174.4





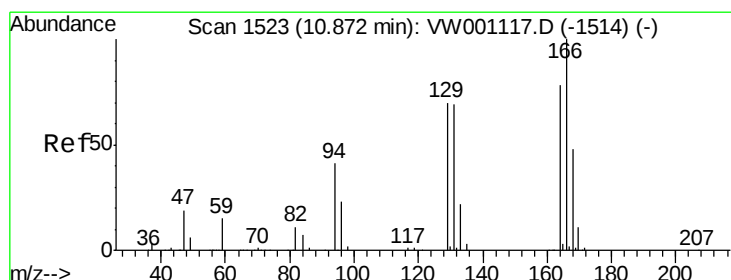
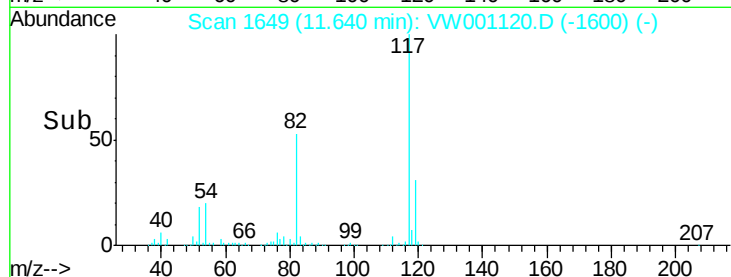
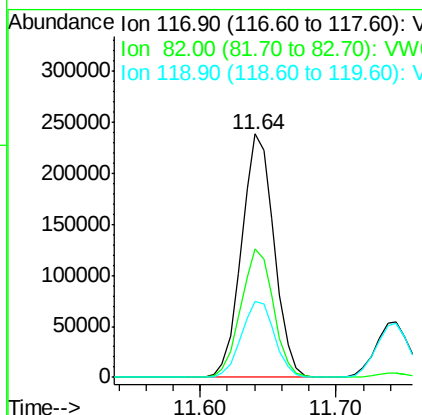
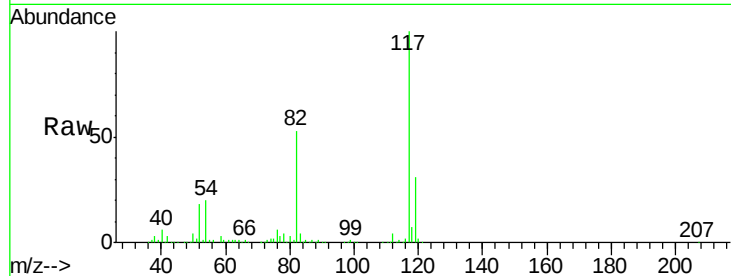
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.8
119	31.1	25.8	38.8

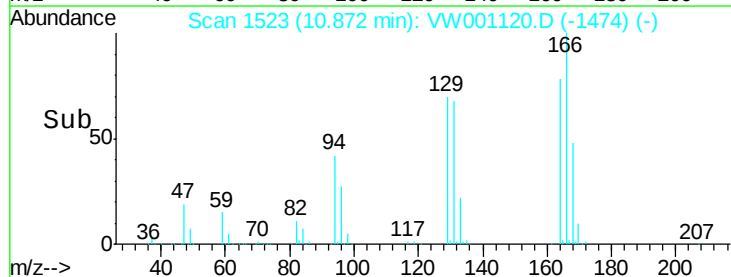
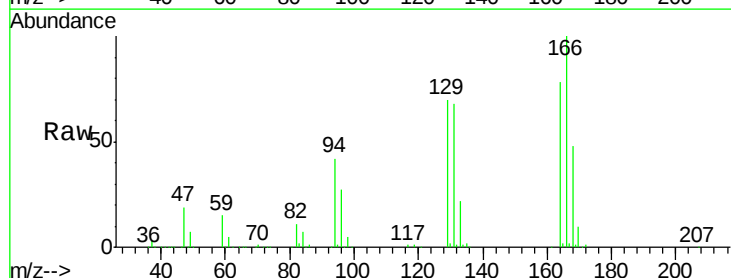
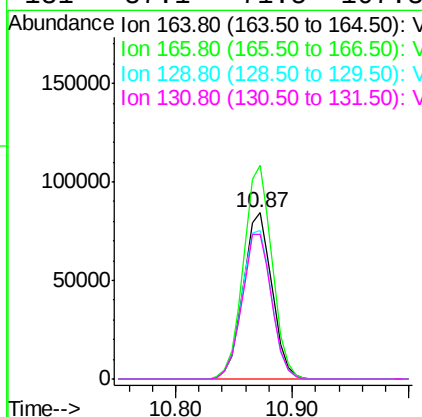
Manual Integrations
APPROVED

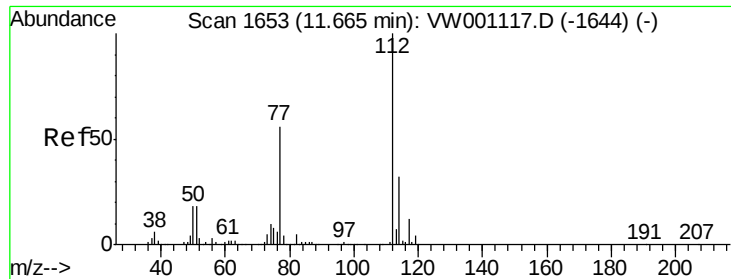
MMDadoda
1/30/2018 5:46:55 PM



#64
Tetrachloroethene
Concen: 45.55 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	103.1	154.7
129	89.4	72.3	108.5
131	87.1	71.5	107.3





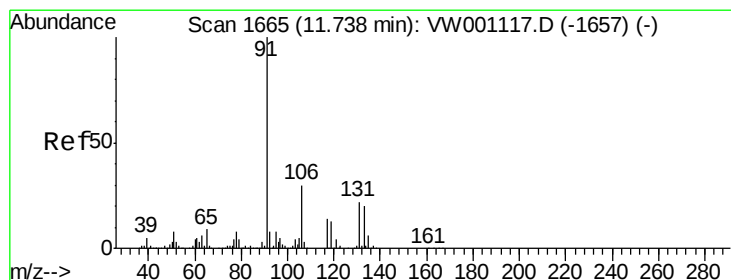
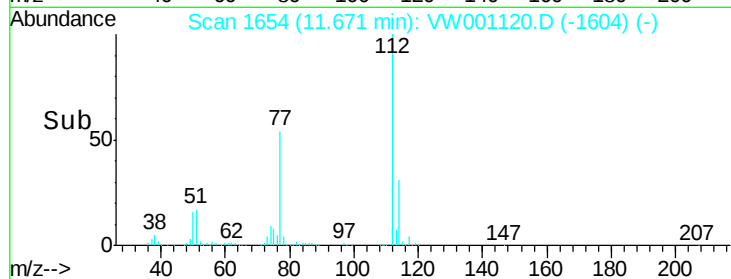
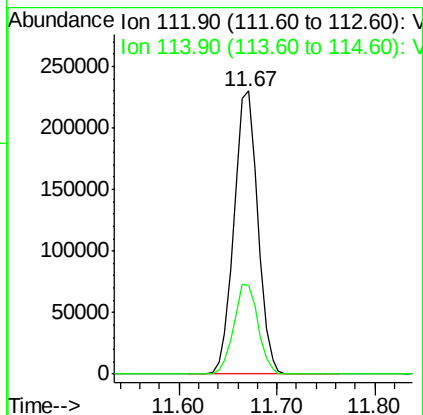
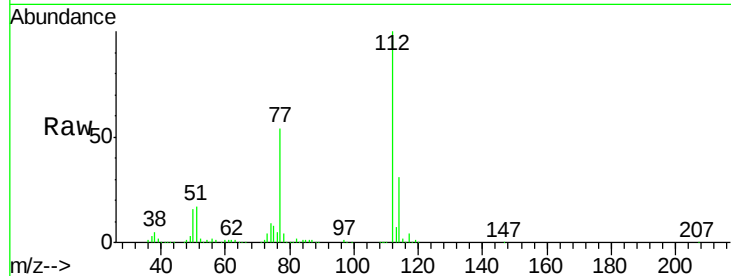
#65
Chlorobenzene
Concen: 48.55 ug/l
RT: 11.67 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.5	38.3

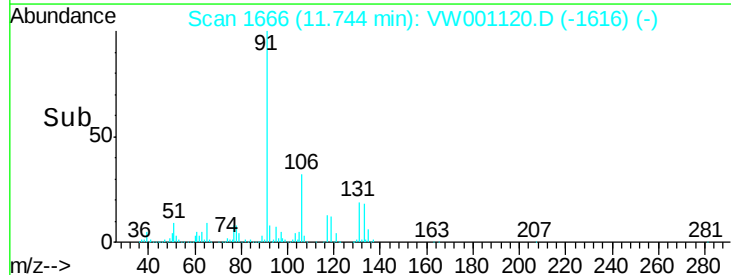
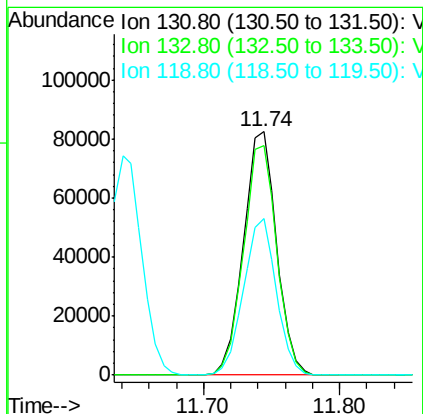
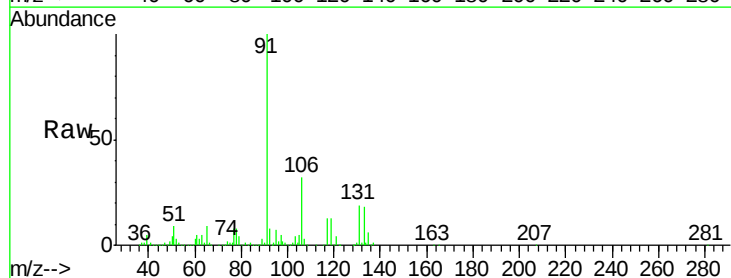
Manual Integrations
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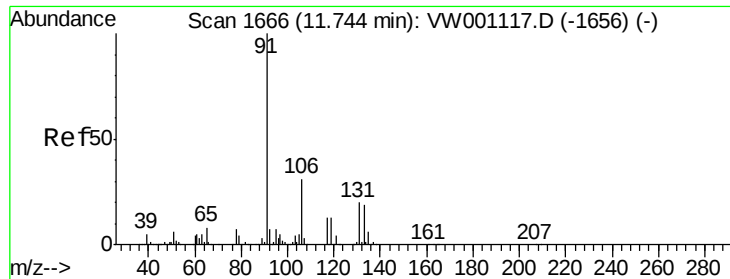
MMDadoda
1/30/2018 5:46:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.98 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.3	141.8
119	63.6	31.5	94.5





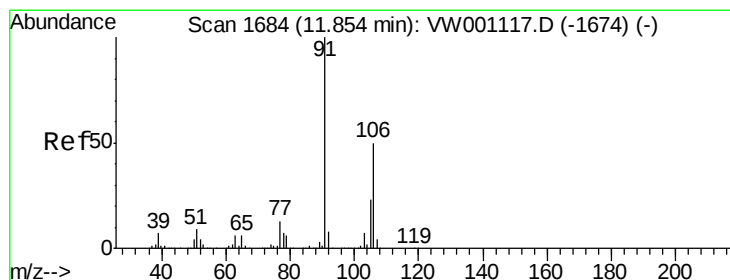
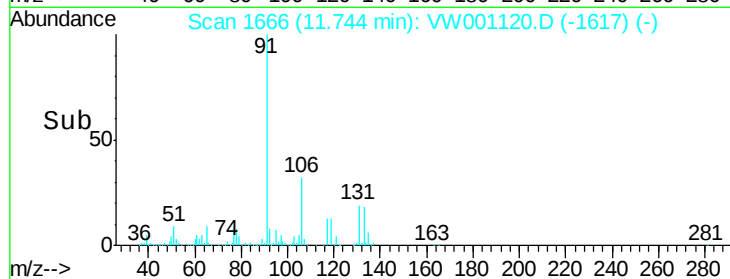
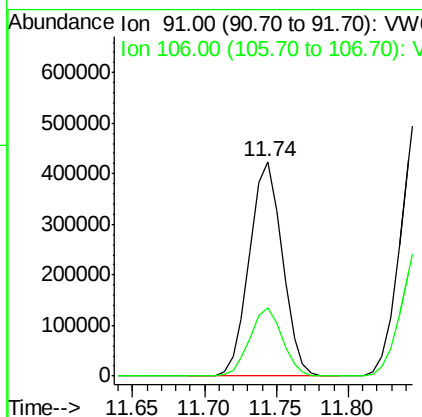
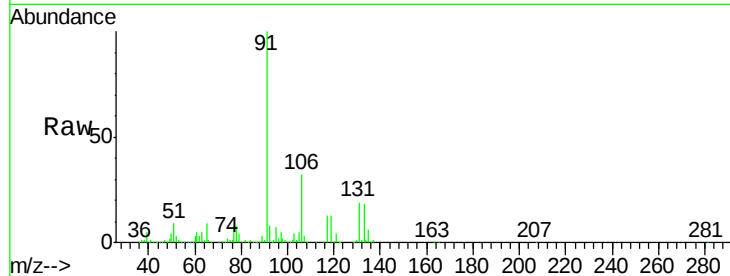
#67
Ethyl Benzene
Concen: 50.21 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.6	36.8

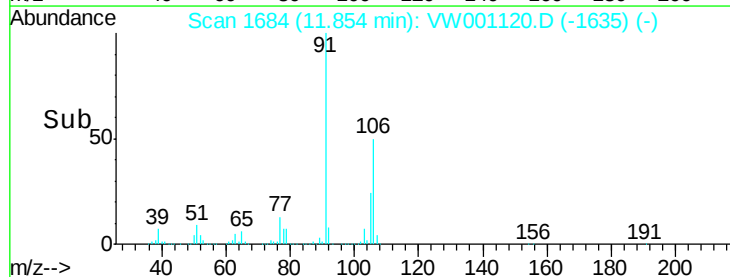
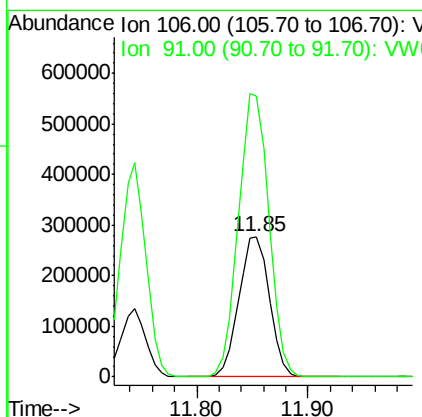
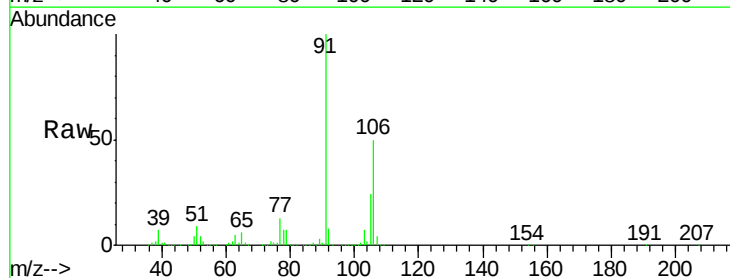
Manual Integrations
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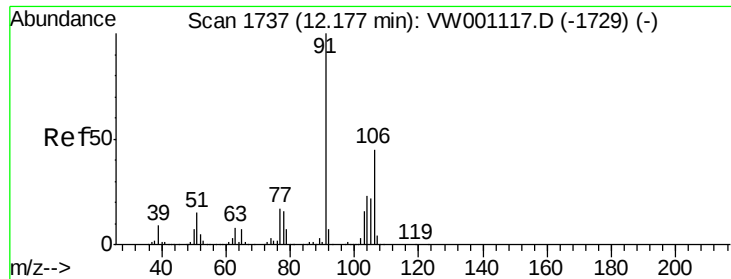
MMDadoda
1/30/2018 5:46:55 PM



#68
m/p-Xylenes
Concen: 101.31 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.3	163.1	244.7





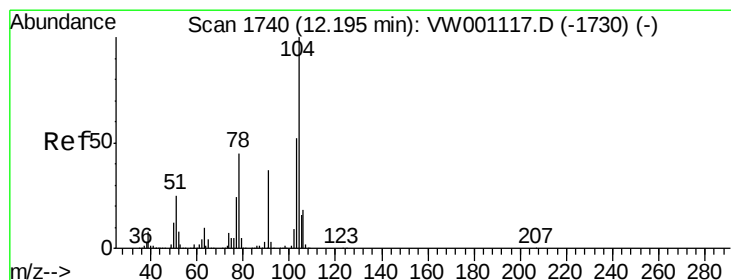
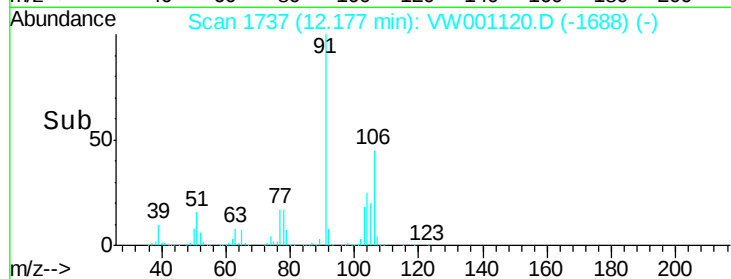
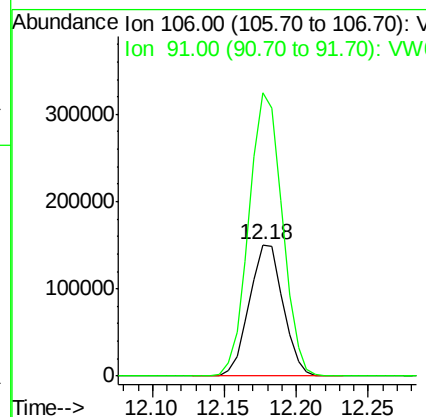
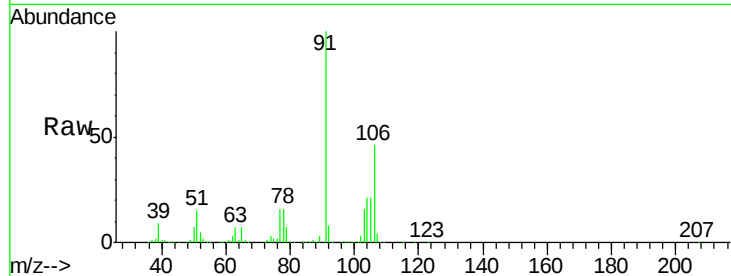
#69
o-Xylene
Concen: 50.72 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Resp	Lower	Upper
106	100	243555		
91	213.5	107.6	322.8	

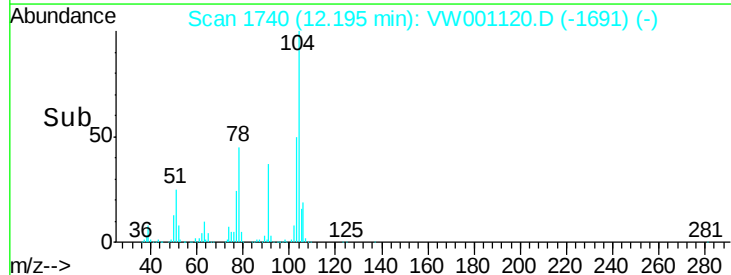
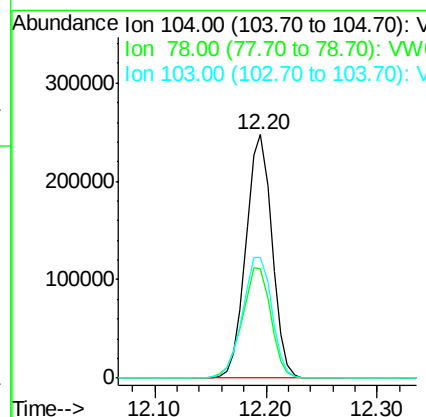
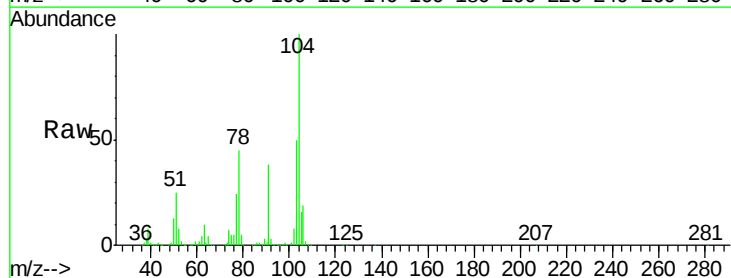
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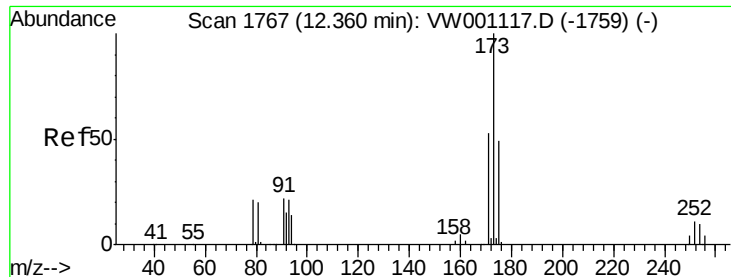
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#70
Styrene
Concen: 51.07 ug/l
RT: 12.20 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	403034		
78	50.2	39.9	59.9	
103	56.0	44.7	67.1	





#71

Bromoform

Concen: 46.64 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tot Ion:173 Resp: 88113

Ion Ratio Lower Upper

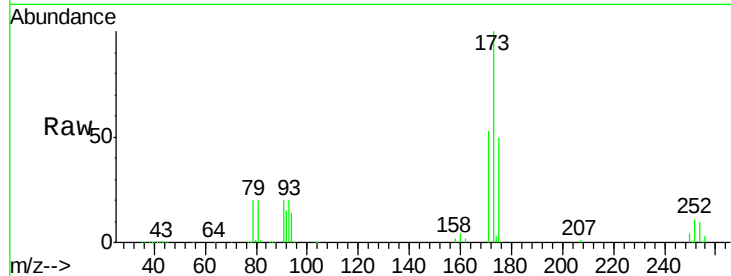
173 100

175 48.8 24.9 74.6

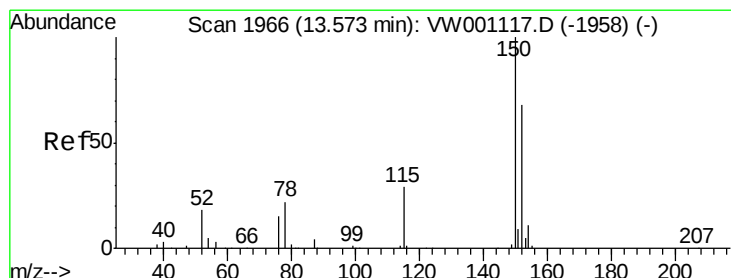
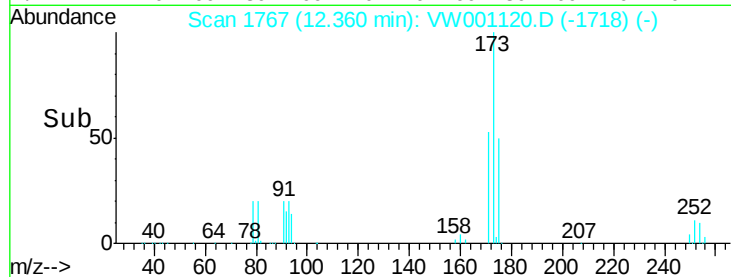
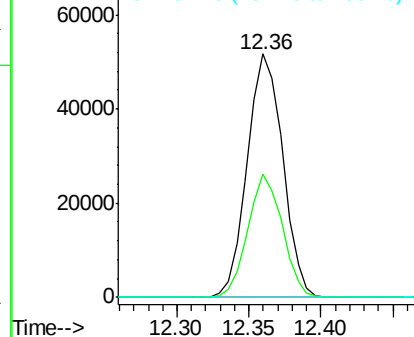
254 0.1 0.1 0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

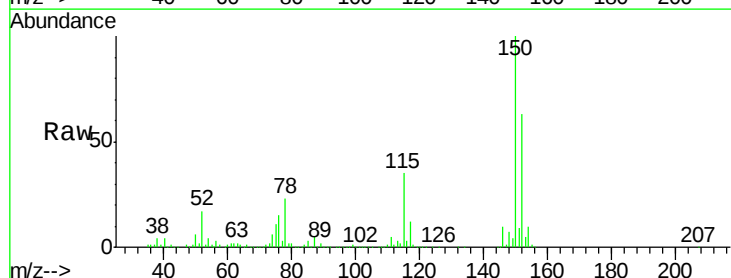
Tgt Ion:152 Resp: 211255

Ion Ratio Lower Upper

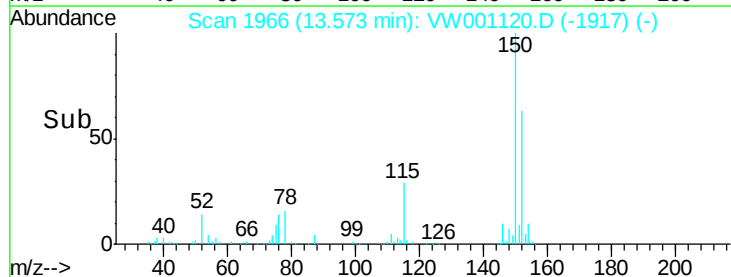
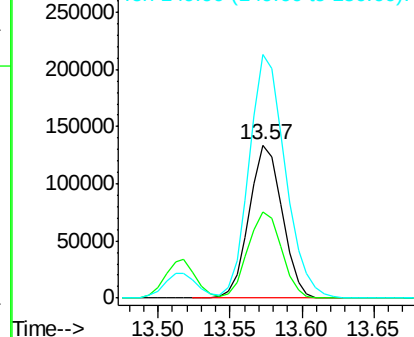
152 100

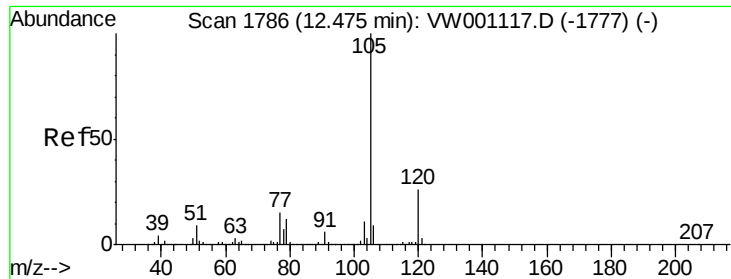
115 57.3 28.4 85.3

150 173.9 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: 52.46 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tot Ion: 105 Resp: 694155

Ion Ratio Lower Upper

105 100

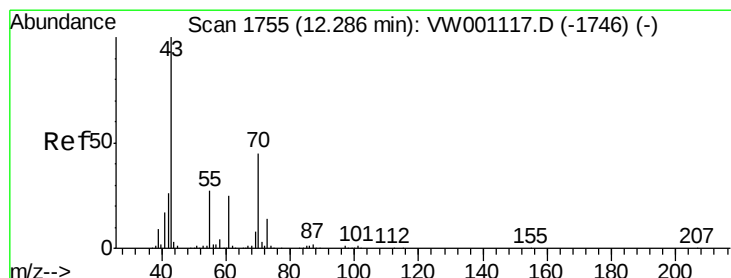
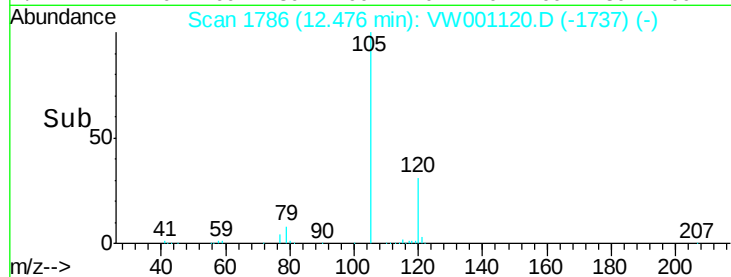
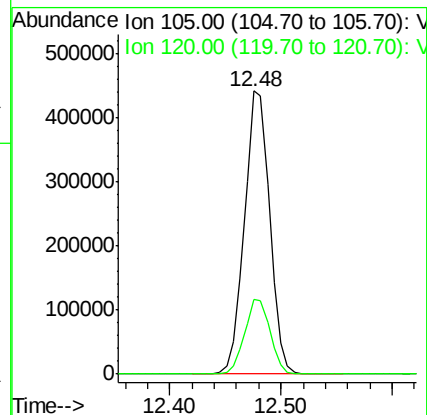
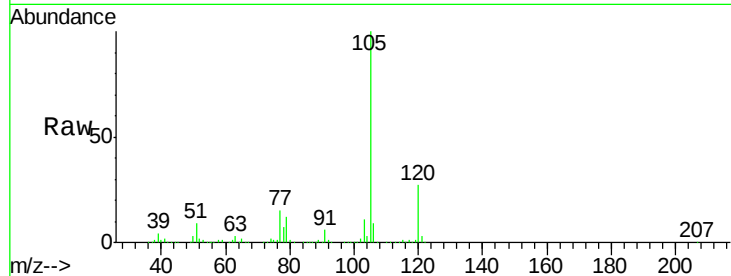
120 26.7 13.3 39.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.65 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion: 43 Resp: 150051

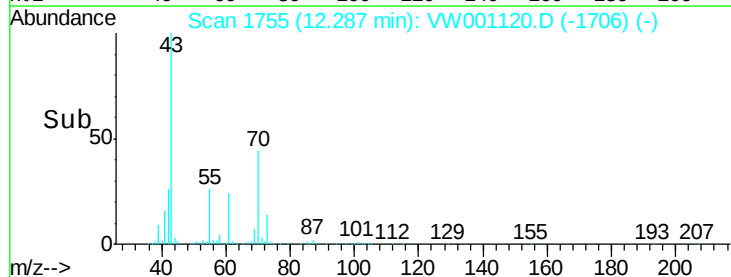
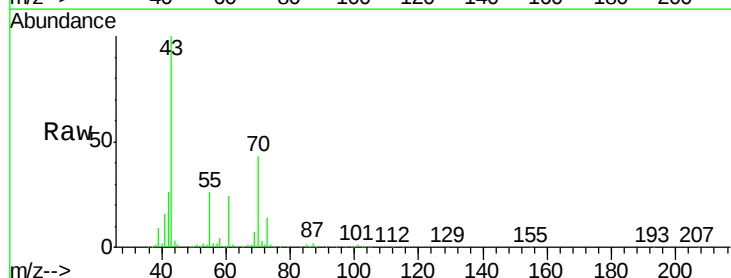
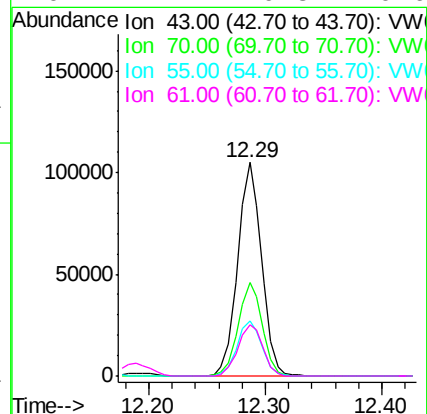
Ion Ratio Lower Upper

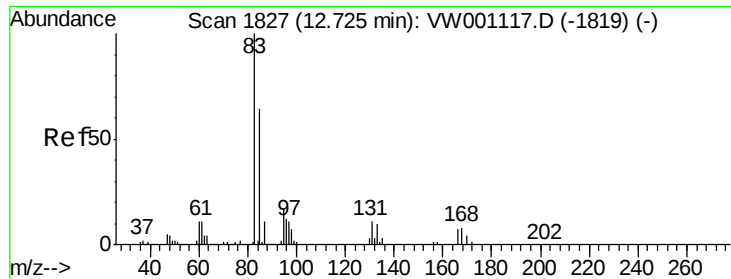
43 100

70 44.0 36.0 54.0

55 26.8 21.7 32.5

61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.40 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

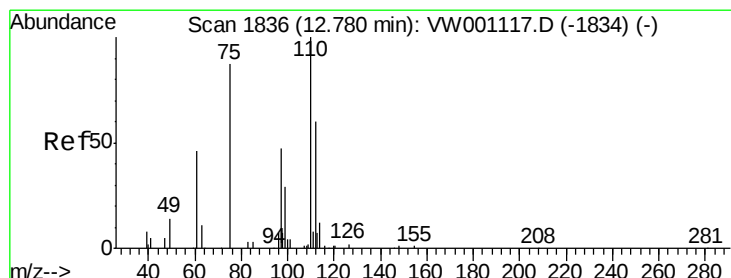
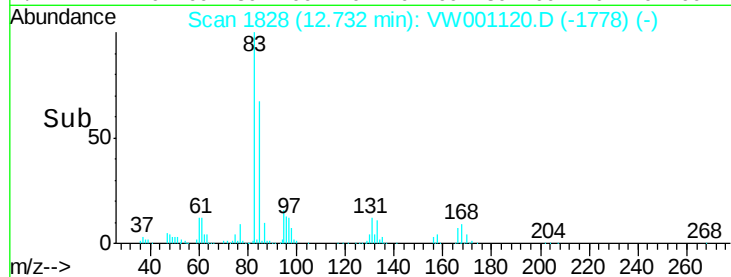
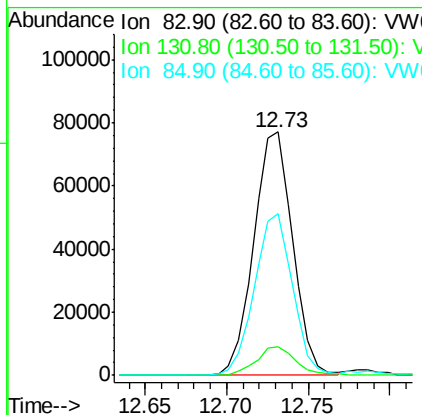
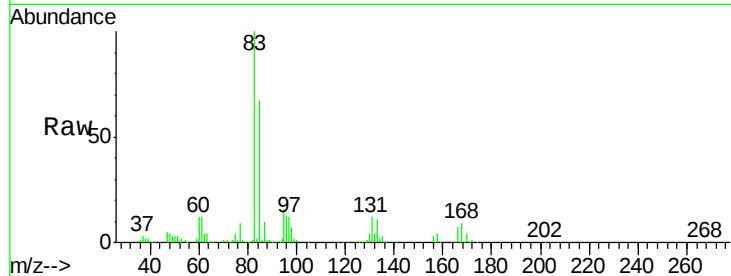
ClientSampleId :

ICVW012918

Tot Ion:	83	Resp:	128290
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.8	17.4
85	64.8	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.66 ug/l m

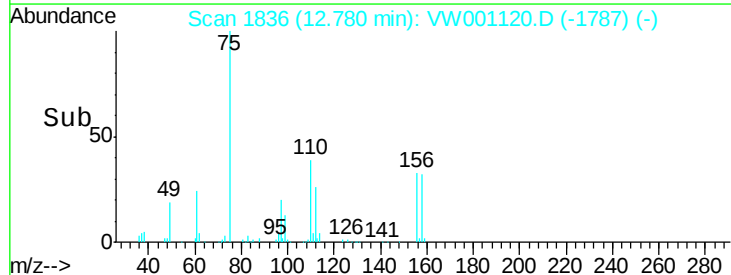
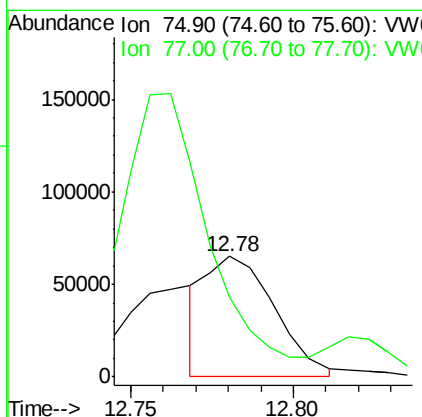
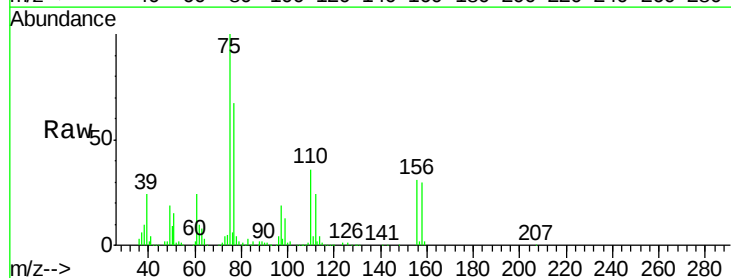
RT: 12.78 min Scan# 1836

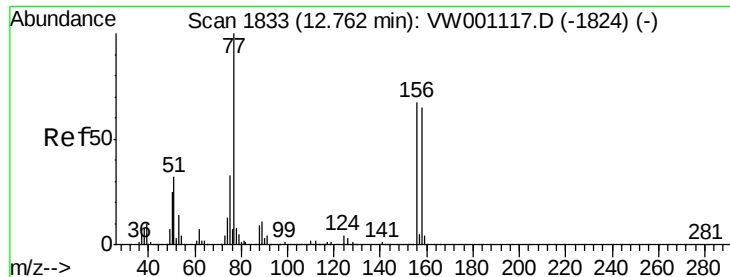
Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	75	Resp:	95628
Ion Ratio	Lower	Upper	
75	100		
77	306.3	0.0	0.0#





#77

Bromobenzene

Concen: 49.25 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

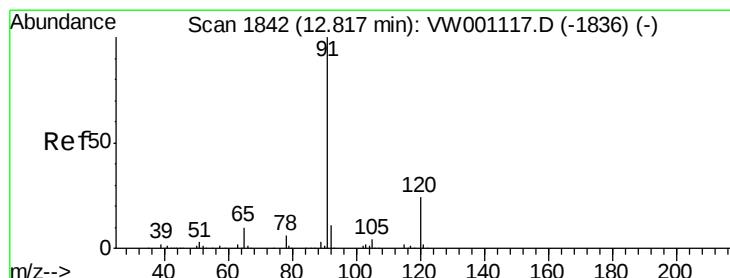
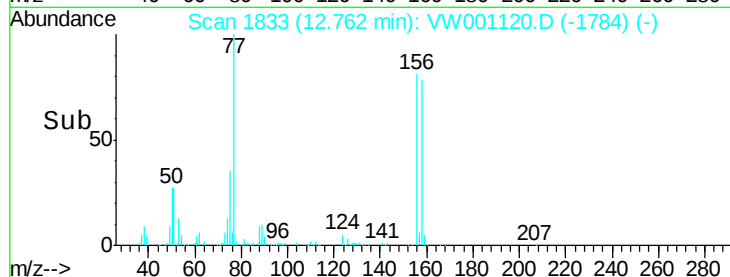
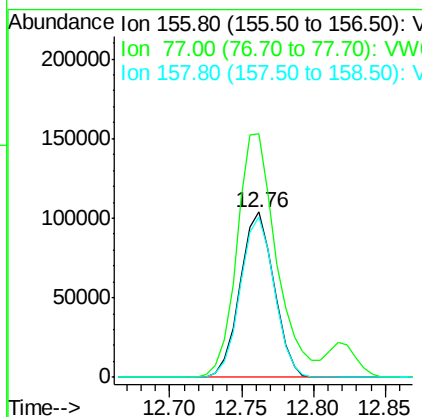
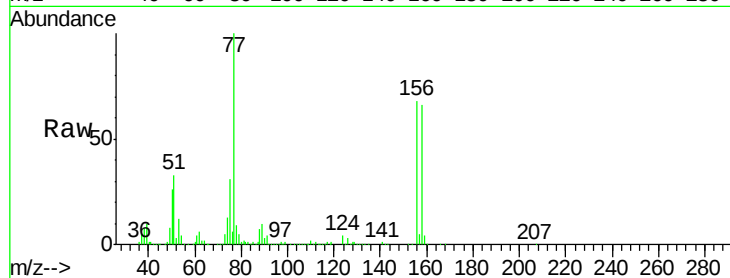
ClientSampleId :

ICVW012918

Tot Ion:	156	Resp:	169193
Ion Ratio	Lower	Upper	
156	100		
77	173.1	85.3	255.8
158	97.0	48.9	146.7

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#78

n-propylbenzene

Concen: 51.97 ug/l

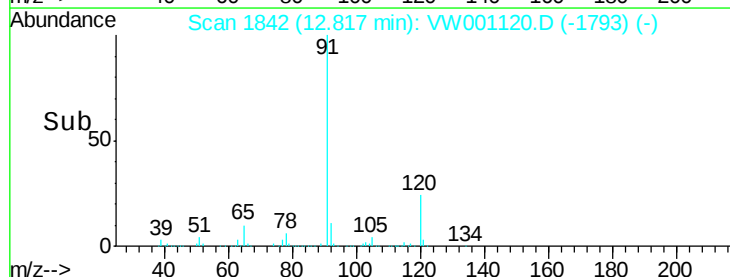
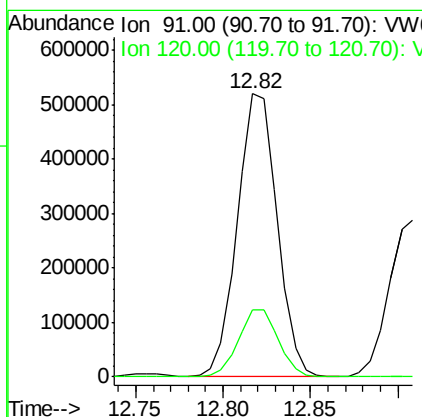
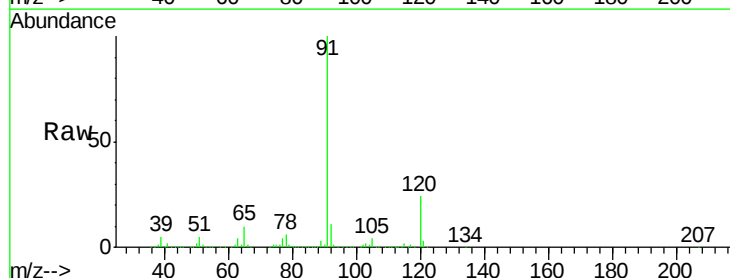
RT: 12.82 min Scan# 1842

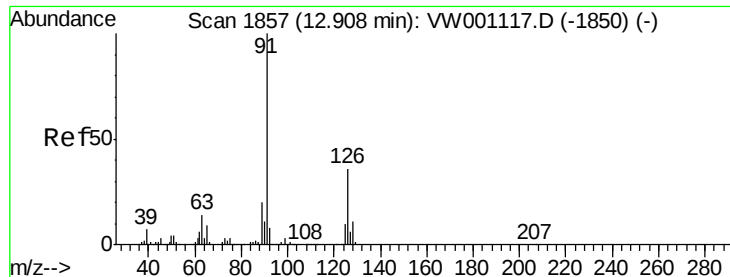
Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion:	91	Resp:	823278
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.7





#79

2-Chlorotoluene

Concen: 50.99 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tot Ion: 91 Resp: 462265

Ion Ratio Lower Upper

91 100

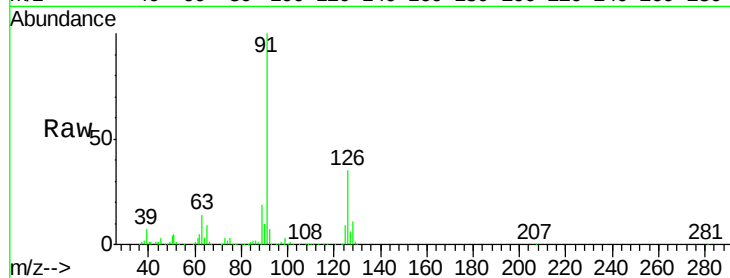
126 35.2 17.5 52.6

Manual Integrations

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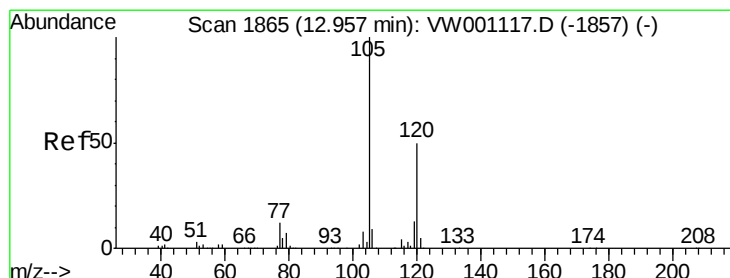
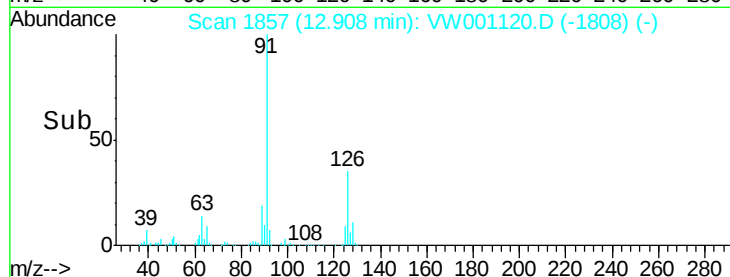


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.91

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.77 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW001120.D

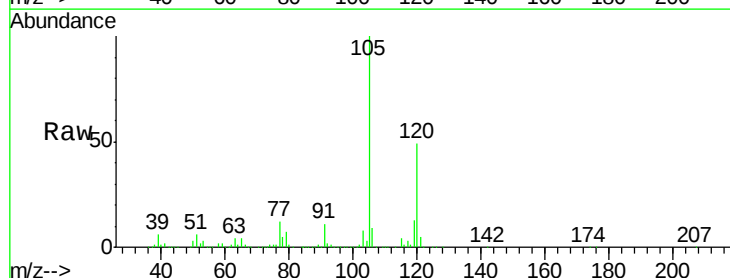
Acq: 29 Jan 2018 15:04

Tgt Ion:105 Resp: 585894

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.7

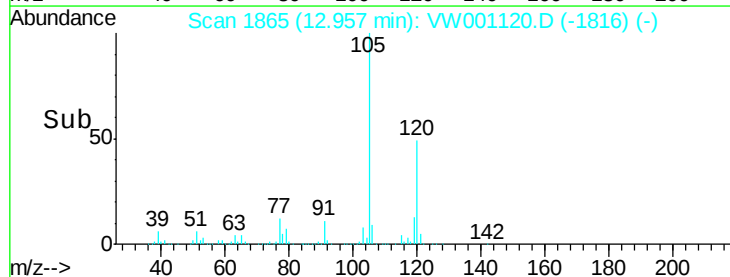


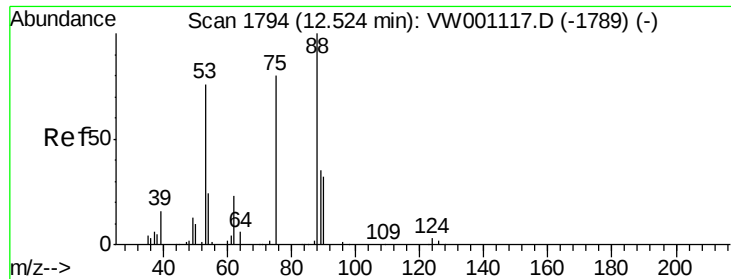
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.96

Time-->





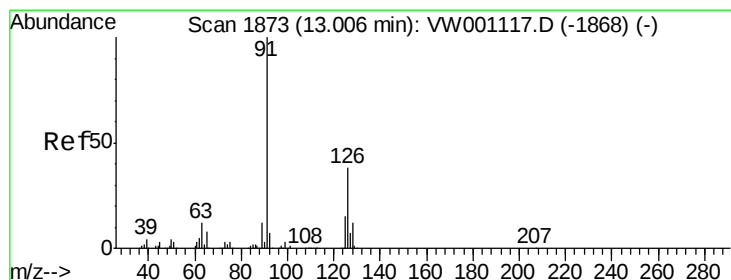
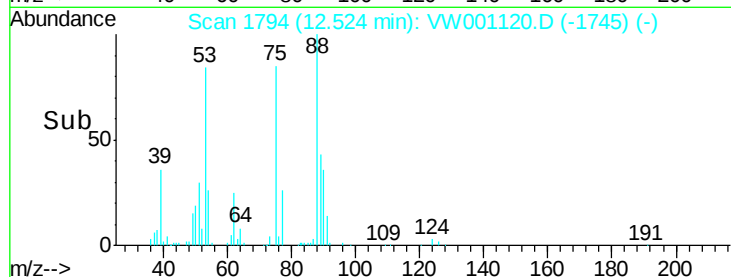
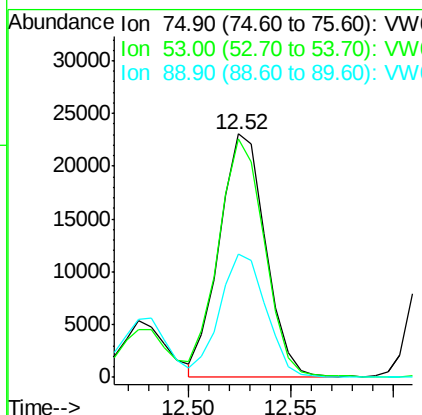
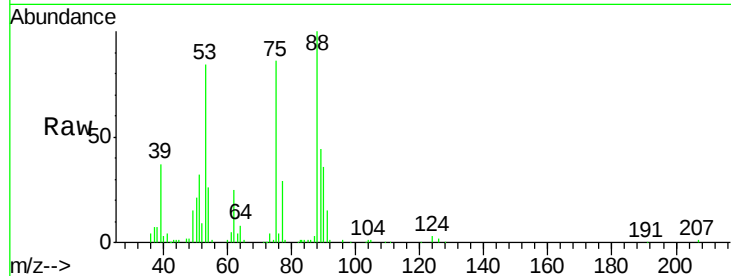
#81
trans-1,4-Dichloro-2-butene
Concen: 44.26 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	75.0	112.6
89	50.7	38.2	57.4

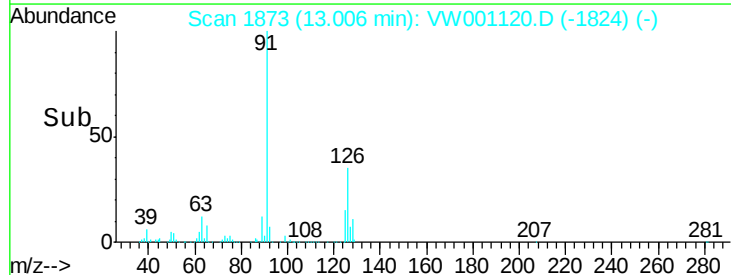
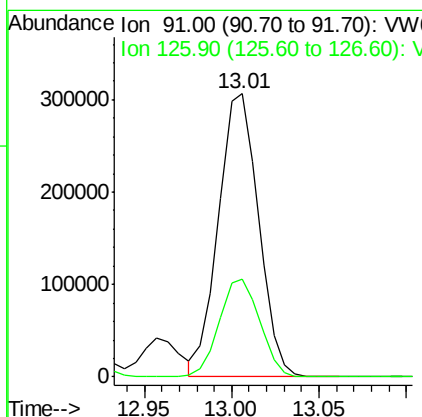
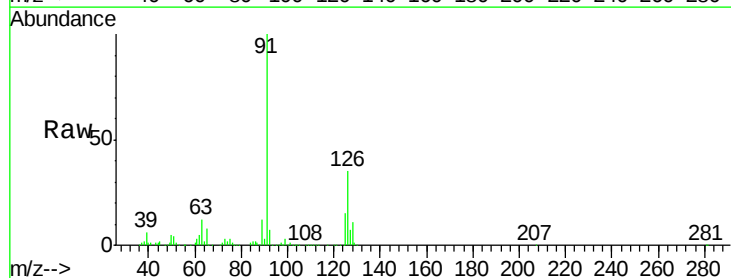
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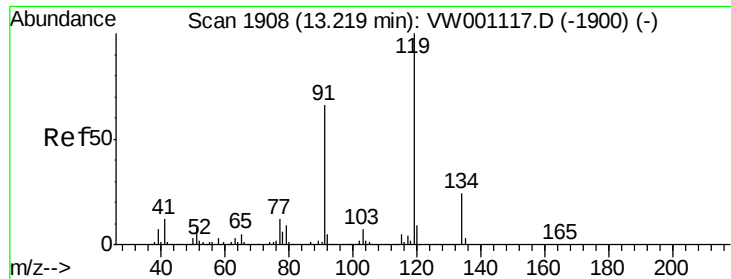
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.51 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.8	53.4





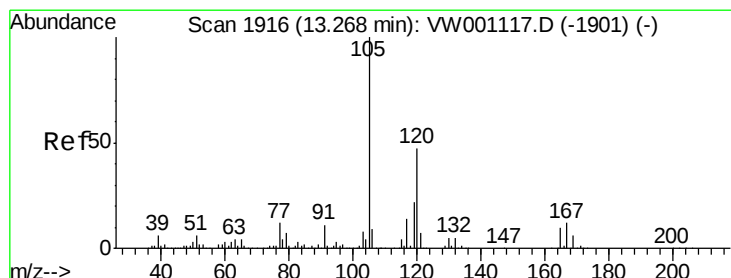
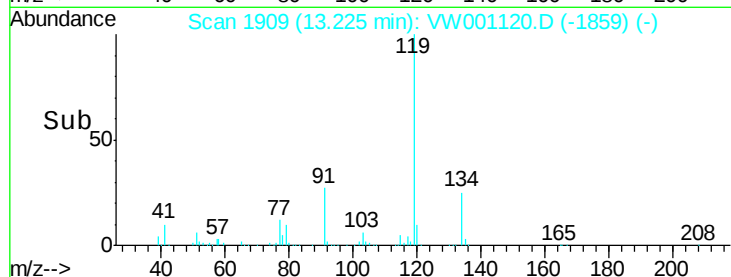
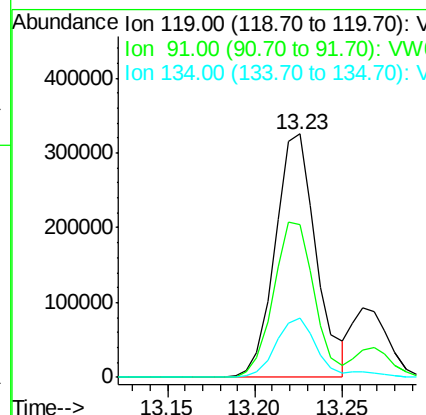
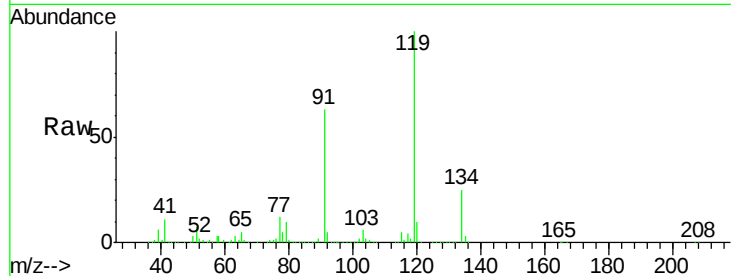
#83
tert-Butylbenzene
Concen: 53.10 ug/l
RT: 13.23 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tot Ion	Ratio	Resp	Lower	Upper
119	100	530930		
91	63.4		31.9	95.5
134	25.5		12.7	38.0

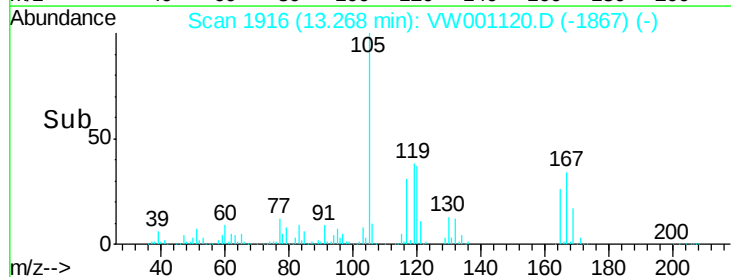
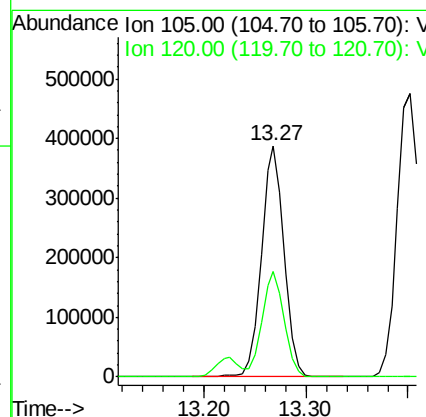
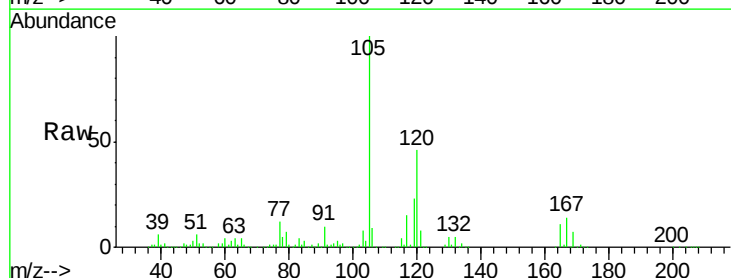
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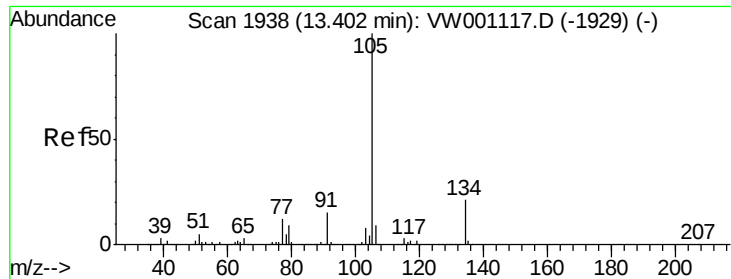
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#84
1,2,4-Trimethylbenzene
Concen: 52.04 ug/l
RT: 13.27 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	599259		
120	44.9		22.9	68.8





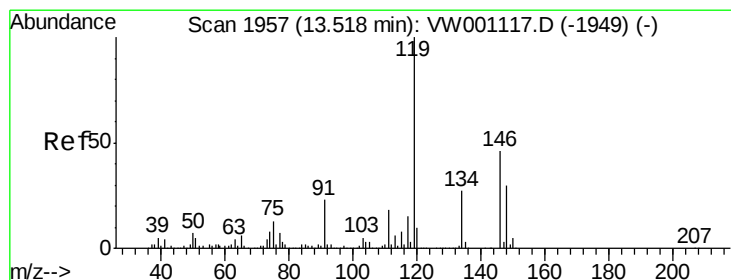
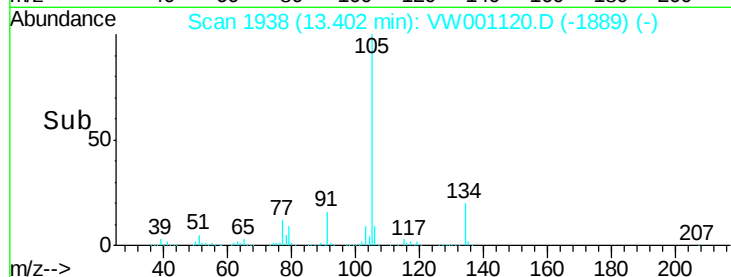
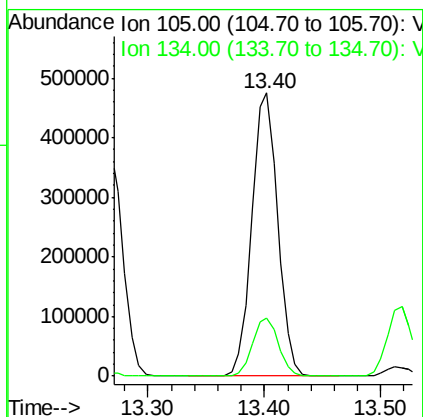
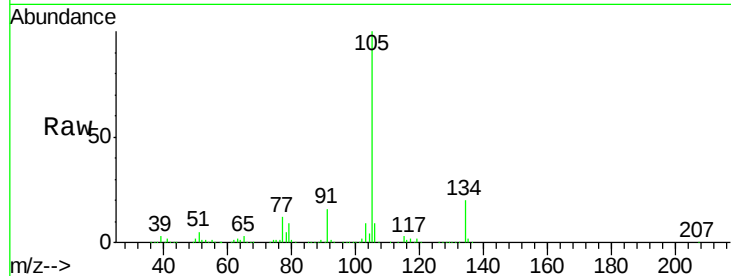
#85
 sec-Butylbenzene
 Concen: 52.20 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleID :
 ICVVW012918

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.3	30.8

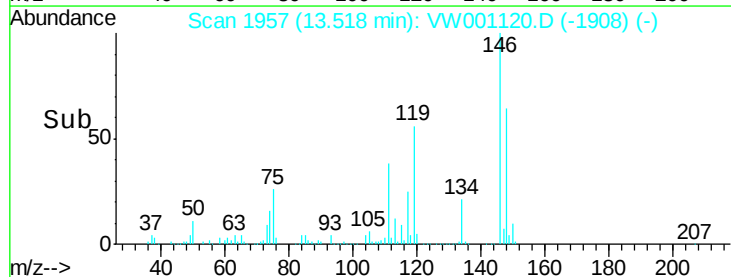
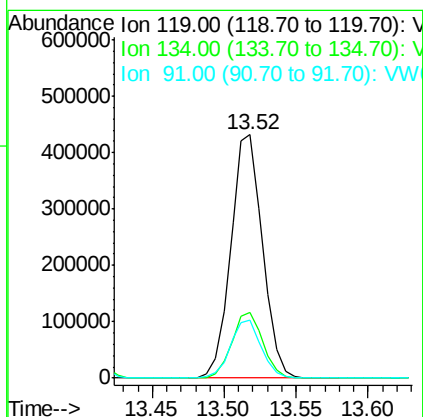
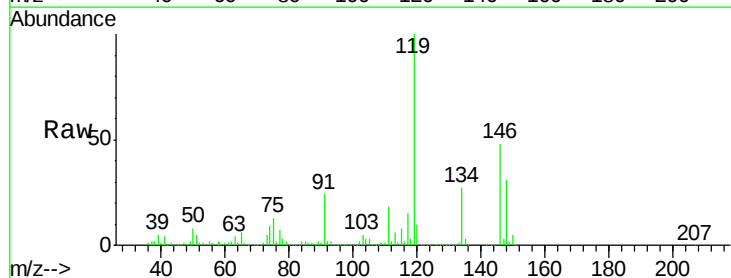
Manual Integrations
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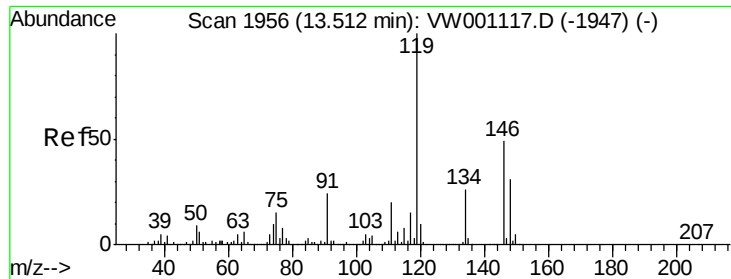
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#86
 p-Isopropyltoluene
 Concen: 52.47 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.1
91	23.3	11.8	35.4





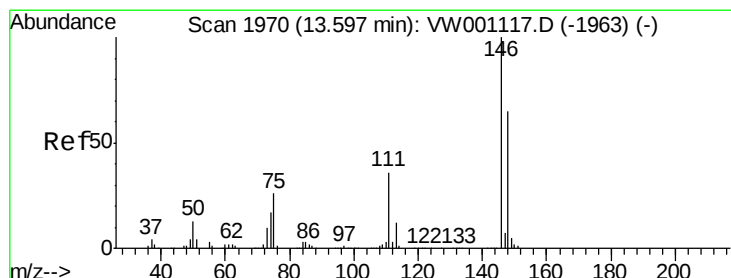
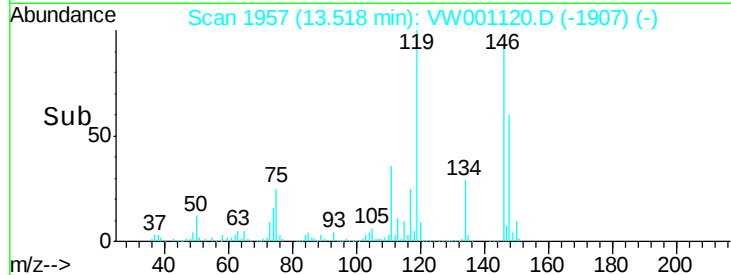
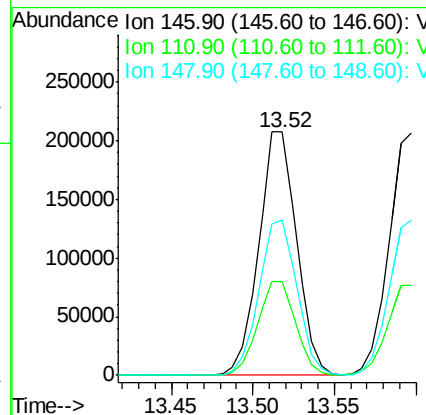
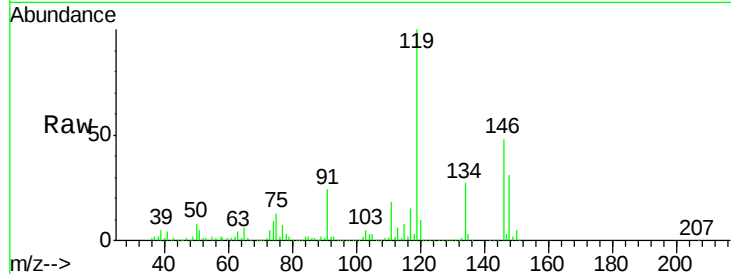
#87
 1,3-Dichlorobenzene
 Concen: 49.42 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	64.2	31.9	95.5

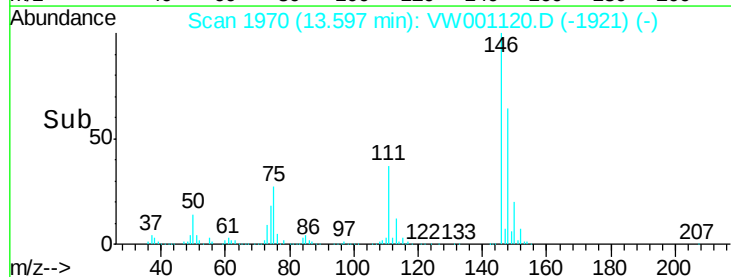
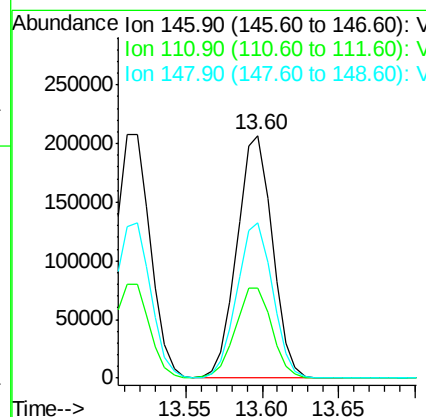
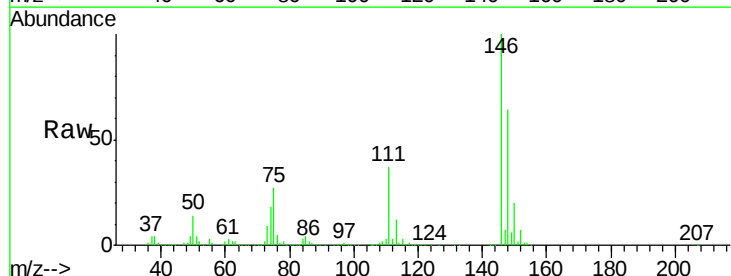
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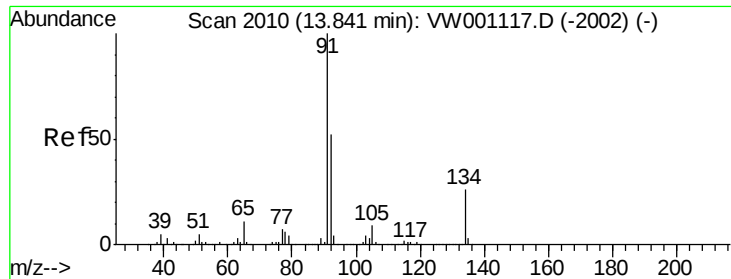
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#88
 1,4-Dichlorobenzene
 Concen: 48.86 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.6	32.5	97.5





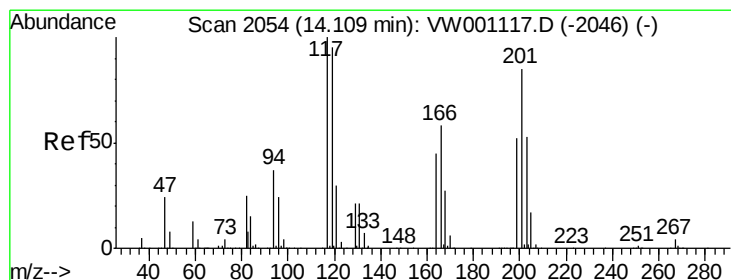
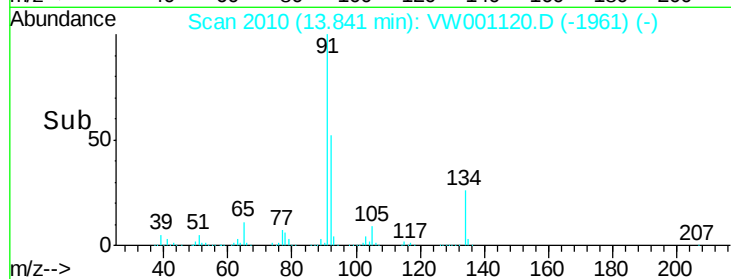
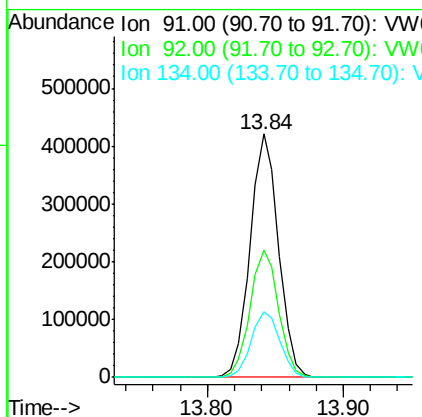
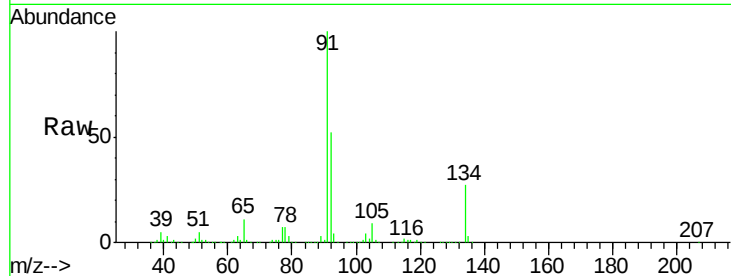
#89
n-Butylbenzene
Concen: 52.53 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampled :
ICVW012918

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.1	78.2
134	27.5	13.6	40.8

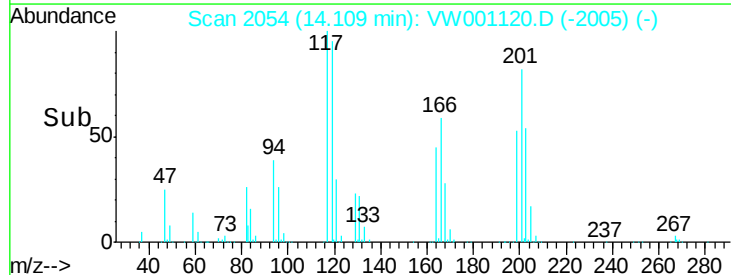
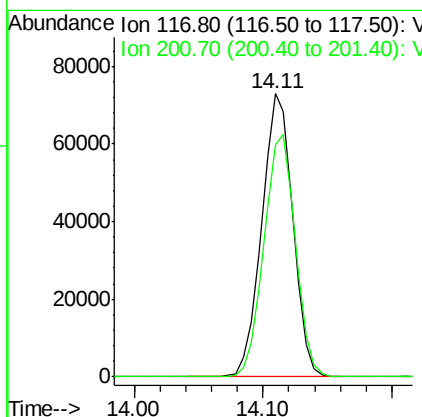
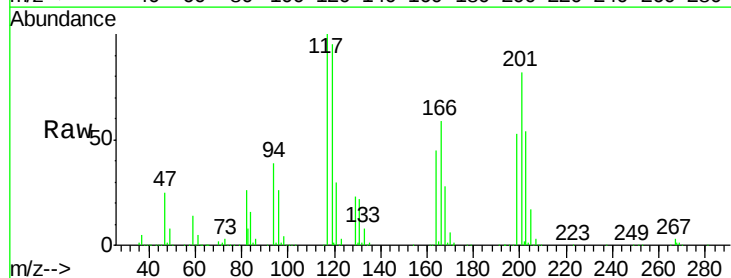
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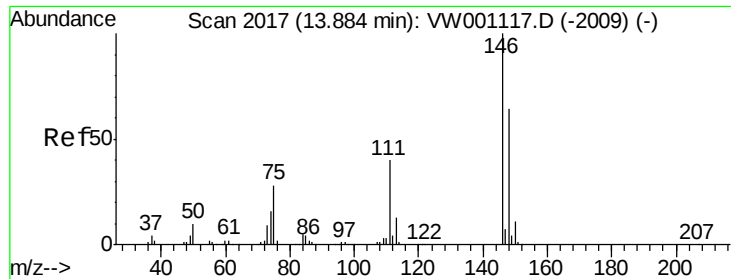
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#90
Hexachloroethane
Concen: 51.83 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.9	43.3	129.8





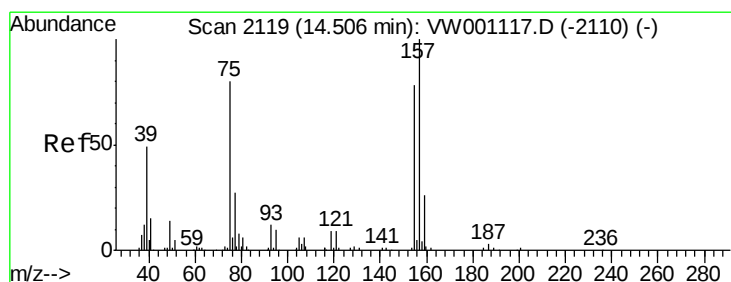
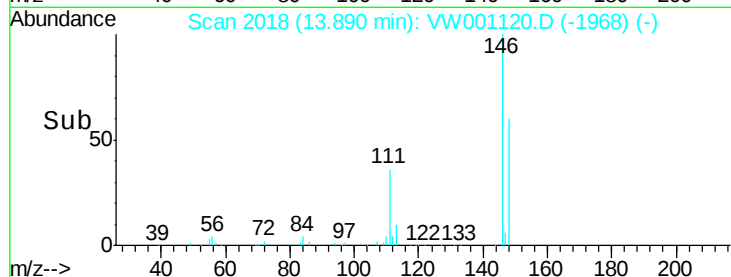
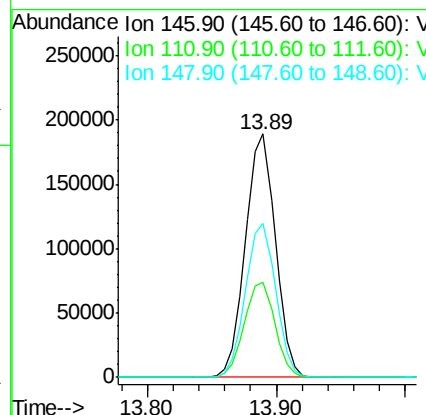
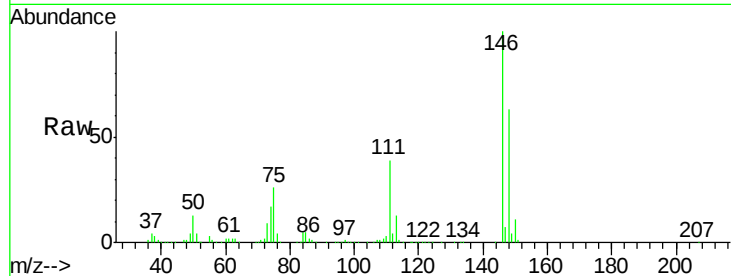
#91
 1,2-Dichlorobenzene
 Concen: 48.95 ug/l
 RT: 13.89 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.2
148	64.0	32.2	96.6

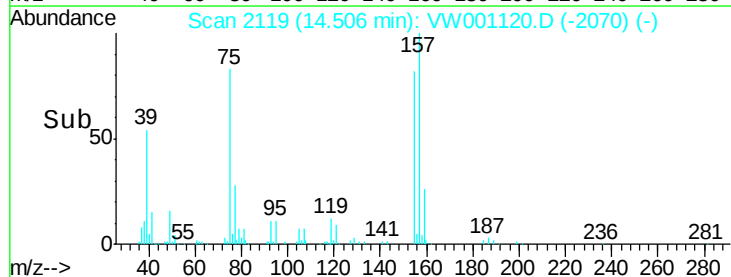
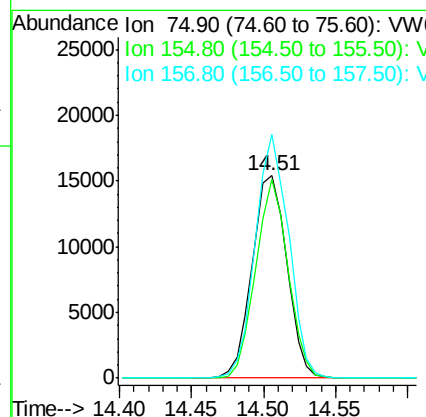
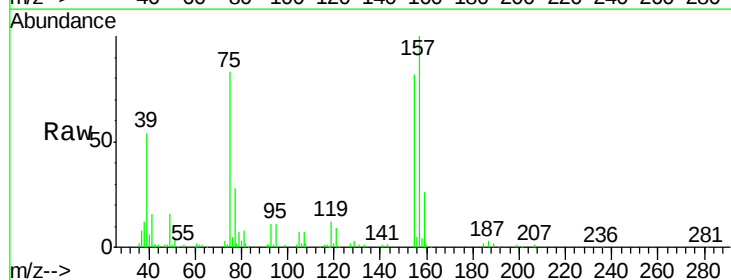
Manual Integrations
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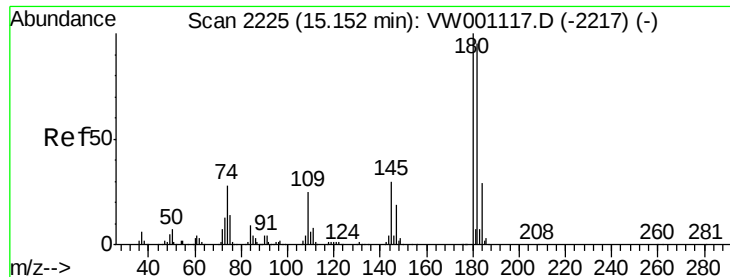
MMDadoda
 1/30/2018 5:46:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.17 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	46.3	138.9
157	115.0	60.0	180.0





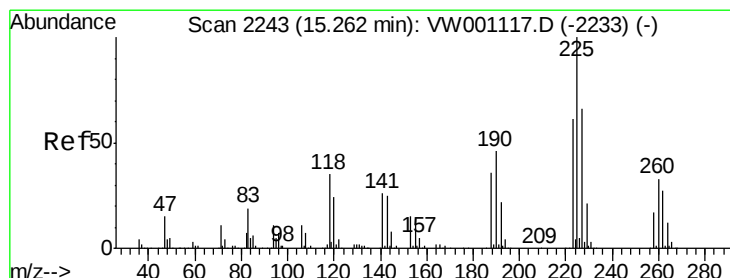
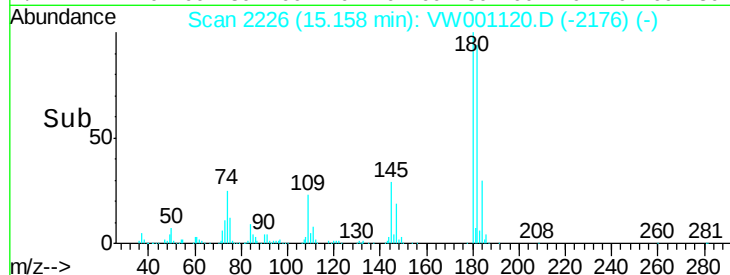
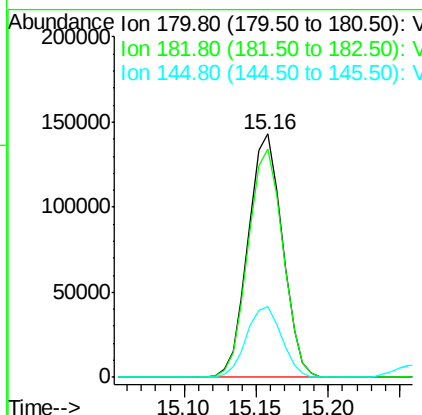
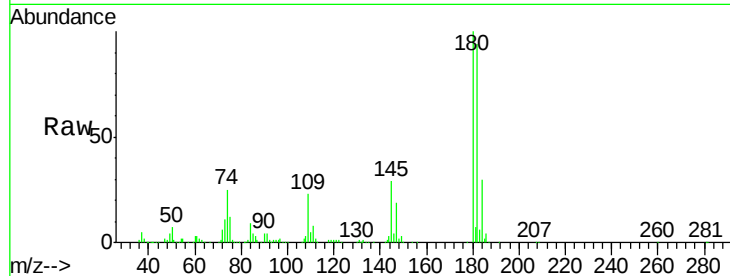
#93
 1,2,4-Trichlorobenzene
 Concen: 51.72 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

Tot Ion	Ratio	Resp	Lower	Upper
180	100	236267		
182	95.1	47.6	142.9	
145	29.9	15.0	45.1	

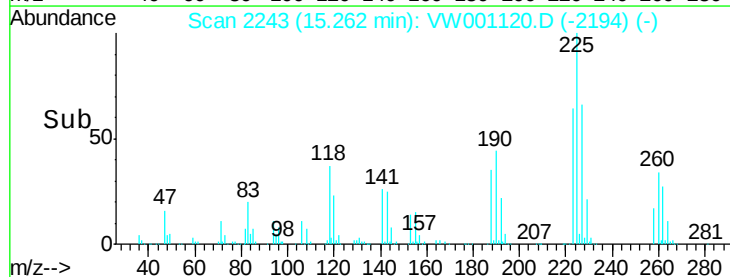
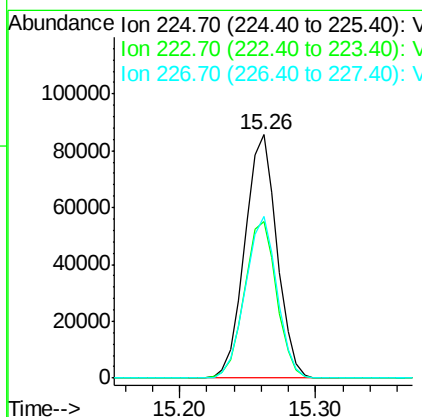
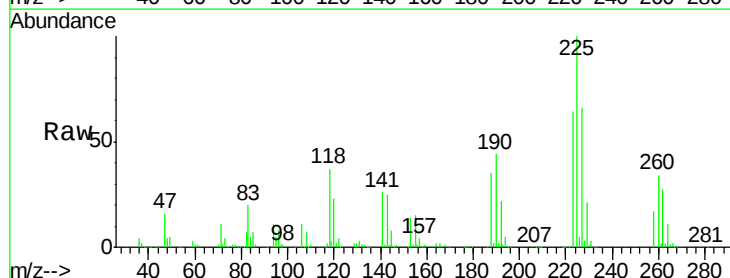
Manual Integrations
 APPROVED

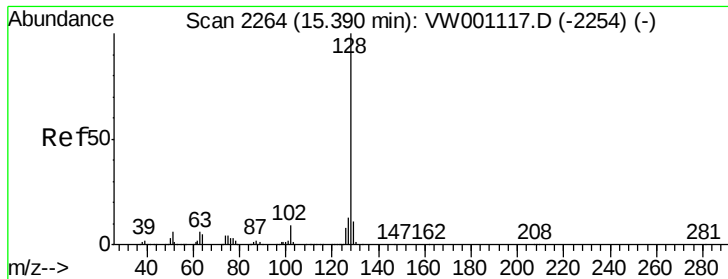
MMDadoda
 1/30/2018 5:46:55 PM



#94
 Hexachlorobutadiene
 Concen: 50.04 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141366		
223	64.7	31.1	93.3	
227	65.8	32.6	97.8	





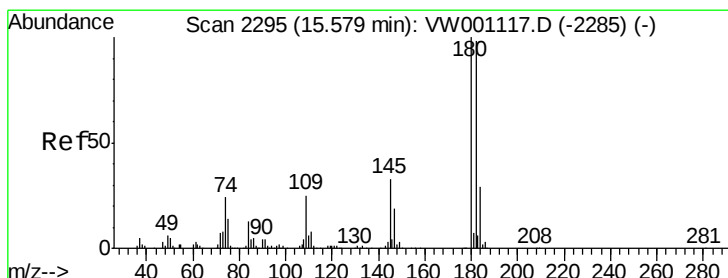
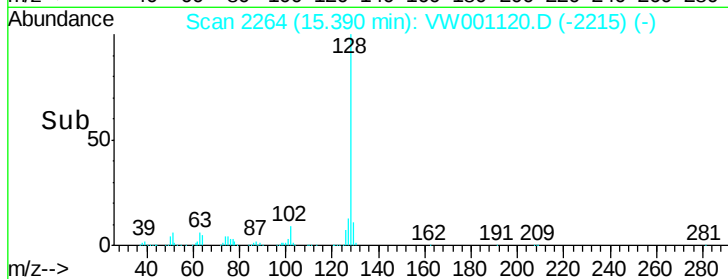
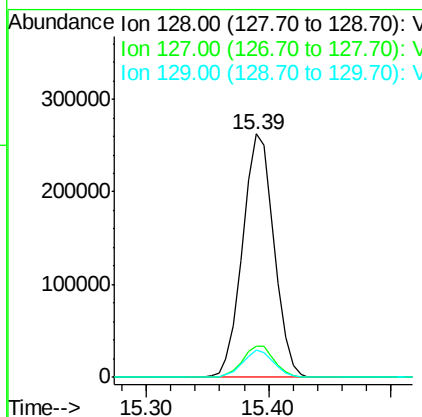
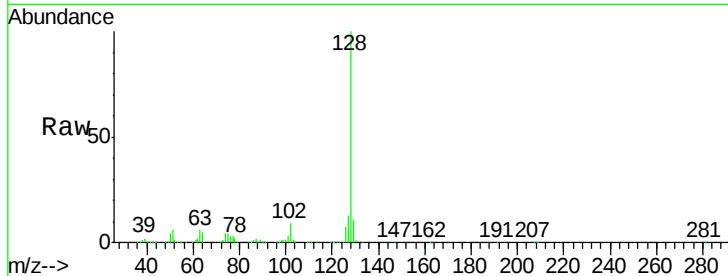
#95
Naphthalene
Concen: 51.87 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

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 5:46:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.14 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.7	146.1
145	31.0	16.0	47.9

