

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000985.D
 Acq On : 25 Jan 2018 07:23
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/25/2018 1:34:03 PM

Quant Time: Jan 25 07:48:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	342307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128880	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	7.88	113	120349	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
50) Toluene-d8	10.33	98	456672	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.63	95	166499	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	128980	50.07	ug/l	99
3) Chloromethane	2.21	50	103460	45.44	ug/l	99
4) Vinyl Chloride	2.36	62	105036	49.60	ug/l	98
5) Bromomethane	2.76	94	77993	57.88	ug/l	99
6) Chloroethane	2.92	64	58691	49.87	ug/l	96
7) Trichlorofluoromethane	3.26	101	200108	51.32	ug/l	95
8) Diethyl Ether	3.68	74	52010	53.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	138780	55.09	ug/l	98
10) Methyl Iodide	4.26	142	116149	44.12	ug/l	98
11) Tert butyl alcohol	5.20	59	73123	263.30	ug/l	96
12) 1,1-Dichloroethene	4.03	96	115062	53.14	ug/l	94
13) Acrolein	3.89	56	52333	193.00	ug/l	96
14) Allyl chloride	4.67	41	170111	50.42	ug/l	99
15) Acrylonitrile	5.38	53	209523	274.62	ug/l	99
16) Acetone	4.14	43	207959	200.71	ug/l	96
17) Carbon Disulfide	4.37	76	371412	51.94	ug/l	99
18) Methyl Acetate	4.68	43	106795	56.69	ug/l	100
19) Methyl tert-butyl Ether	5.44	73	315141	56.66	ug/l	100
20) Methylene Chloride	4.92	84	127345	55.54	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	130073	51.70	ug/l	96
22) Diisopropyl ether	6.32	45	342548	56.71	ug/l	97
23) Vinyl Acetate	6.26	43	988975	263.51	ug/l	99
24) 1,1-Dichloroethane	6.22	63	217394	53.77	ug/l	100
25) 2-Butanone	7.18	43	289438	255.47	ug/l	97
26) 2,2-Dichloropropane	7.17	77	193761	47.34	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	137968	53.06	ug/l	98
28) Bromochloromethane	7.51	49	89419	52.65	ug/l	98
29) Tetrahydrofuran	7.54	42	175011	280.75	ug/l	99
30) Chloroform	7.68	83	233107	53.46	ug/l	98
31) Cyclohexane	7.95	56	209388	50.17	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	221210	52.49	ug/l	99
36) 1,1-Dichloropropene	8.09	75	186182	53.19	ug/l	99
37) Ethyl Acetate	7.26	43	109456	55.40	ug/l	99
38) Carbon Tetrachloride	8.07	117	205158	53.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	234092	55.52	ug/l	98
40) Benzene	8.32	78	510184	53.60	ug/l	99
41) Methacrylonitrile	7.49	41	63067	56.87	ug/l	98
42) 1,2-Dichloroethane	8.40	62	161302	55.00	ug/l	100
43) Isopropyl Acetate	8.43	43	186456	55.67	ug/l	99
44) Trichloroethene	9.10	130	151473	53.56	ug/l	98
45) 1,2-Dichloropropane	9.37	63	122025	54.95	ug/l	100
46) Dibromomethane	9.46	93	78520	55.35	ug/l	99
47) Bromodichloromethane	9.65	83	172196	54.88	ug/l	99
48) Methyl methacrylate	9.45	41	92653	57.59	ug/l	99
49) 1,4-Dioxane	9.46	88	33761	1088.74	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	550022	285.37	ug/l	99
52) Toluene	10.40	92	328818	54.69	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	176496	55.52	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	190624	54.51	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	109759	55.40	ug/l	99
56) Ethyl methacrylate	10.65	69	143895	53.86	ug/l	99
57) 1,3-Dichloropropane	10.95	76	181685	56.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	403664	265.62	ug/l	99
59) 2-Hexanone	10.98	43	409237	242.02	ug/l	99
60) Dibromochloromethane	11.14	129	135142	56.48	ug/l	100
61) 1,2-Dibromoethane	11.24	107	115238	55.83	ug/l	100
64) Tetrachloroethene	10.87	164	190774	67.15	ug/l	99
65) Chlorobenzene	11.67	112	374107	53.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	137143	54.38	ug/l	99
67) Ethyl Benzene	11.74	91	650689	54.85	ug/l	100
68) m/p-Xylenes	11.85	106	502929	109.07	ug/l	100
69) o-Xylene	12.18	106	233174	55.14	ug/l	99
70) Styrene	12.19	104	389154	56.46	ug/l	100
71) Bromoform	12.36	173	92740	54.21	ug/l #	99
73) Isopropylbenzene	12.48	105	658570	56.80	ug/l	100
74) N-amyl acetate	12.29	43	159372	56.60	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	139176	56.16	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	108813m	52.40	ug/l	
77) Bromobenzene	12.76	156	163672	55.48	ug/l	100
78) n-propylbenzene	12.82	91	781667	55.88	ug/l	99
79) 2-Chlorotoluene	12.91	91	436924	55.36	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	558256	56.59	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	41497	50.12	ug/l	99
82) 4-Chlorotoluene	13.01	91	460548	54.93	ug/l	100
83) tert-Butylbenzene	13.23	119	495713	57.35	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	565303	56.67	ug/l	99
85) sec-Butylbenzene	13.40	105	700515	56.16	ug/l	100
86) p-Isopropyltoluene	13.52	119	624093	56.41	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	316464	54.08	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	315926	53.99	ug/l	98
89) n-Butylbenzene	13.84	91	572872	55.12	ug/l	99
90) Hexachloroethane	14.11	117	112940	54.92	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	290085	55.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30506	55.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	215269	54.80	ug/l	100
94) Hexachlorobutadiene	15.26	225	132193	53.09	ug/l	99
95) Naphthalene	15.39	128	494521	59.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	199058	55.09	ug/l	99

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

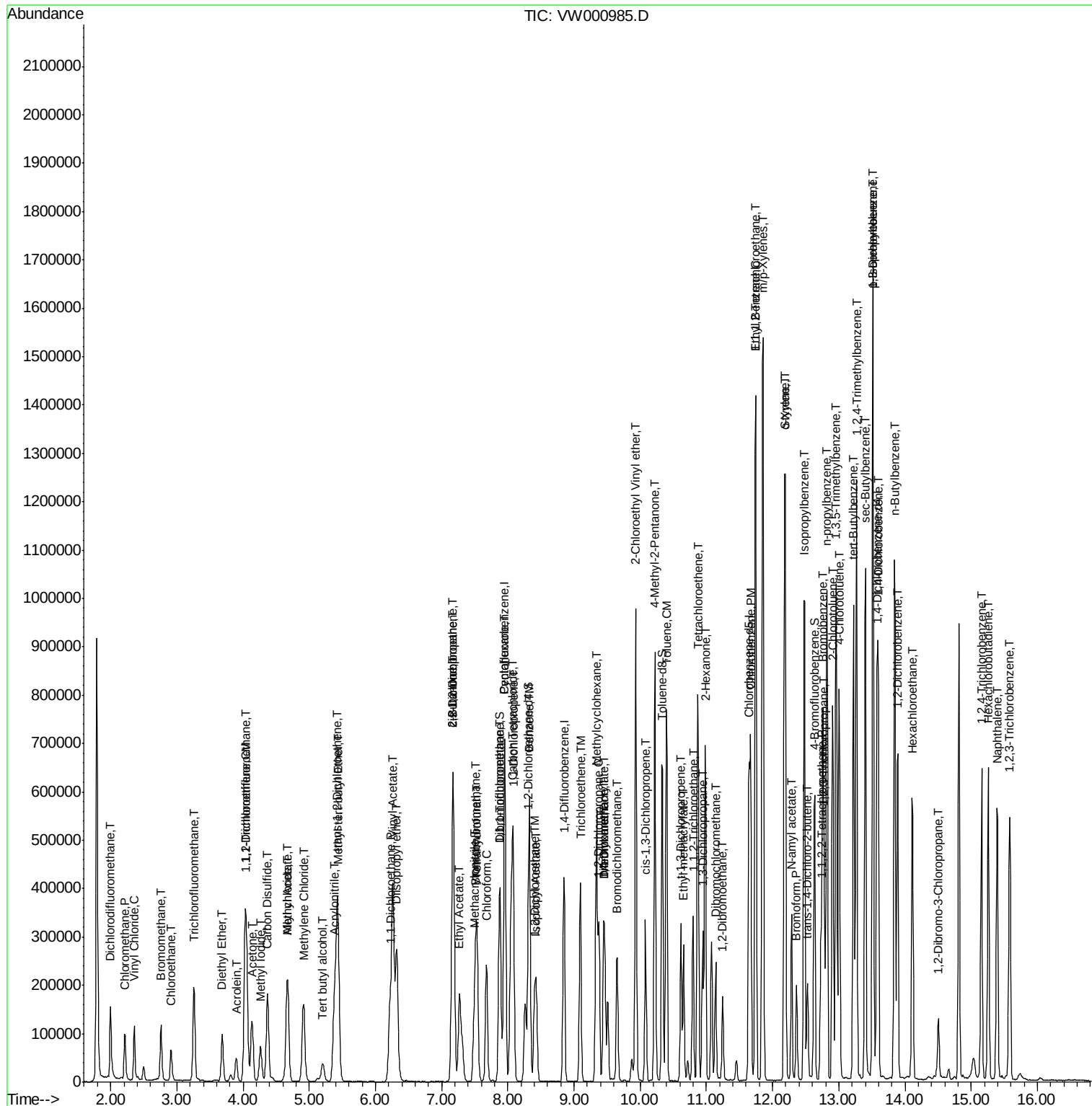
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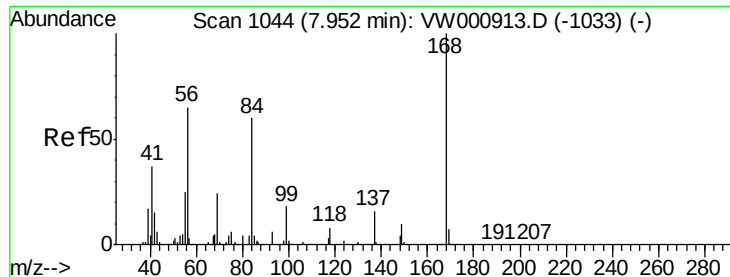
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 267189

Ion Ratio Lower Upper

168 100

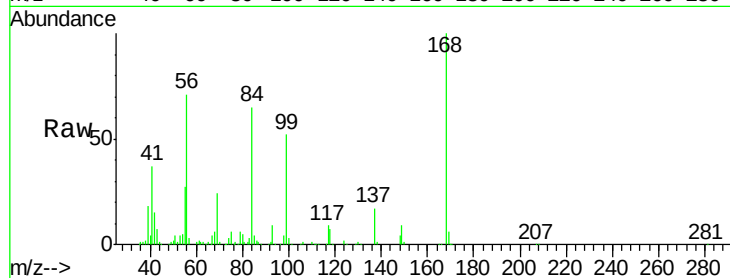
99 52.2 40.6 61.0

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

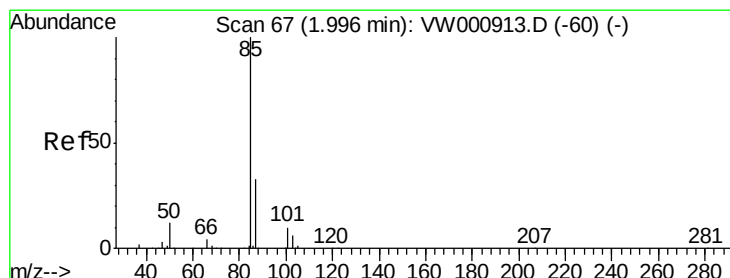
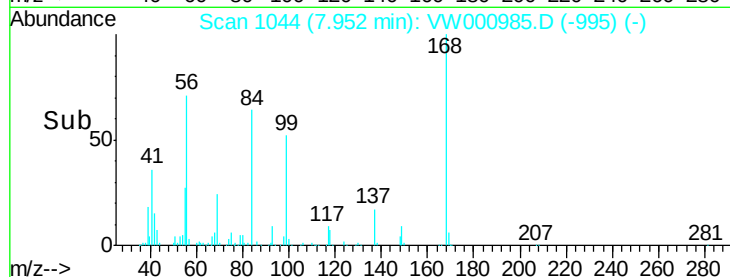
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.07 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW000985.D

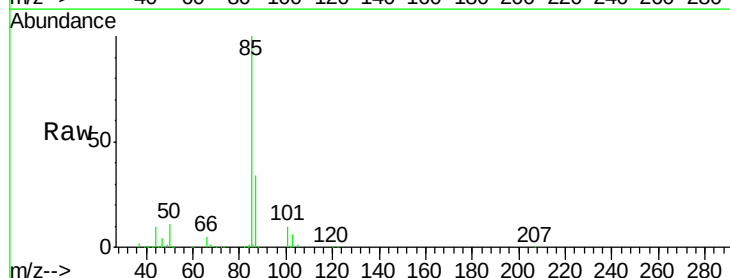
Acq: 25 Jan 2018 07:23

Tgt Ion: 85 Resp: 128980

Ion Ratio Lower Upper

85 100

87 33.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

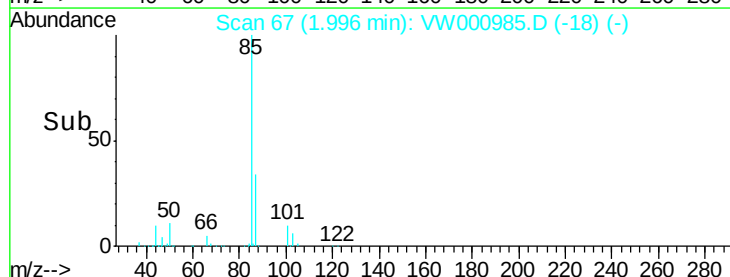
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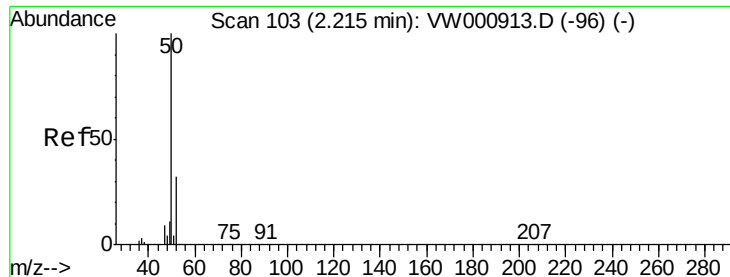
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20000

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Time-->





#3

Chloromethane

Concen: 45.44 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 103460

Ion Ratio Lower Upper

50 100

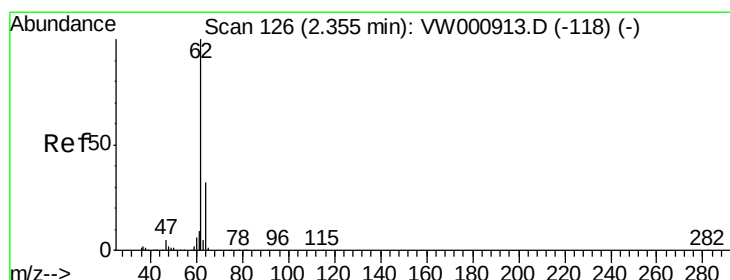
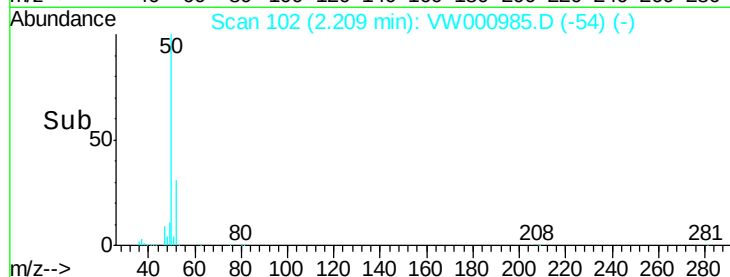
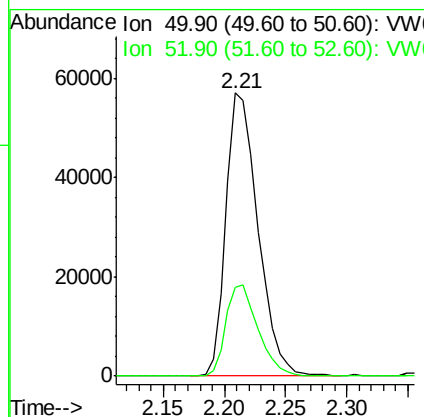
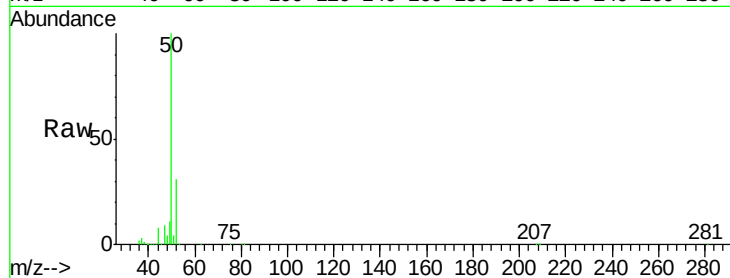
52 31.2 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.60 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW000985.D

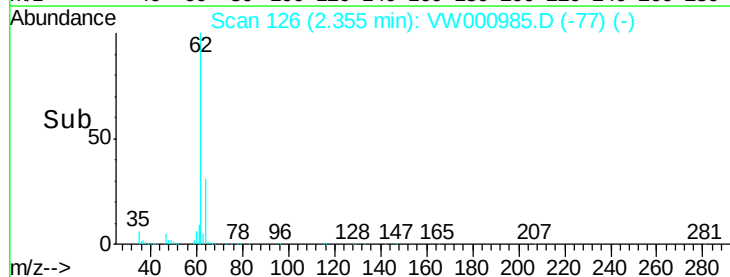
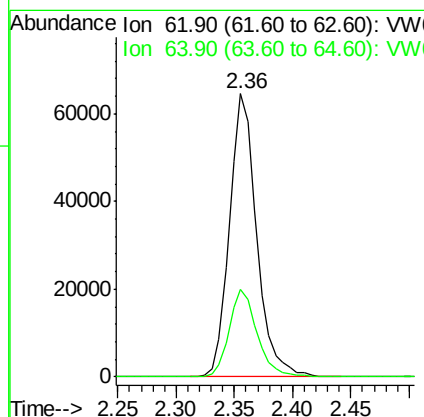
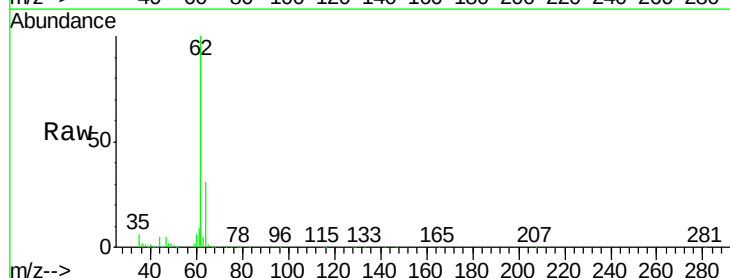
Acq: 25 Jan 2018 07:23

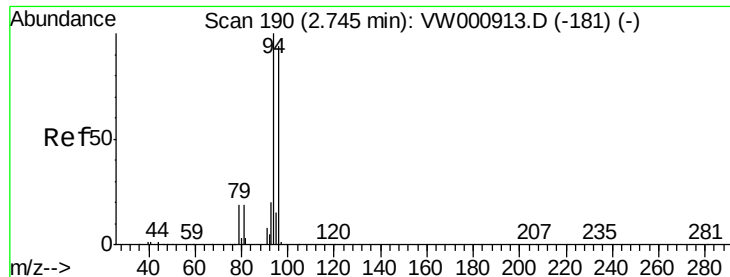
Tgt Ion: 62 Resp: 105036

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 57.88 ug/l

RT: 2.76 min Scan# 192

Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 77993

Ion Ratio Lower Upper

94 100

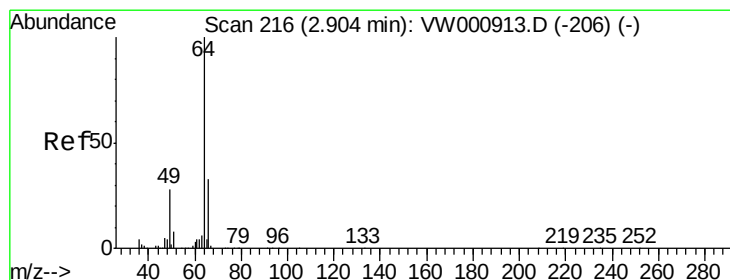
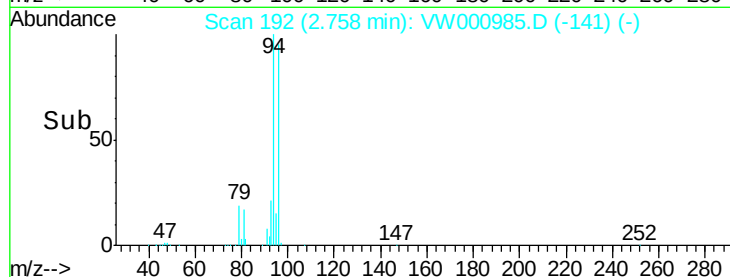
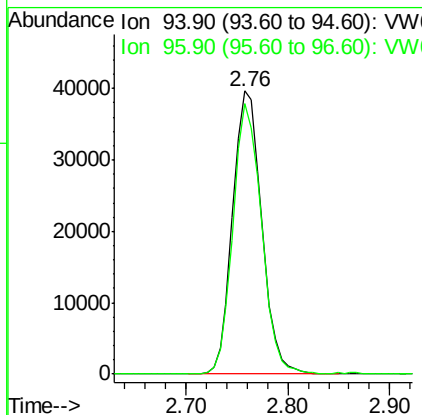
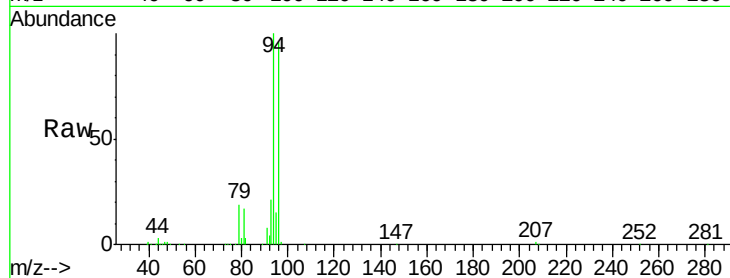
96 95.5 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 49.87 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.01 min

Lab File: VW000985.D

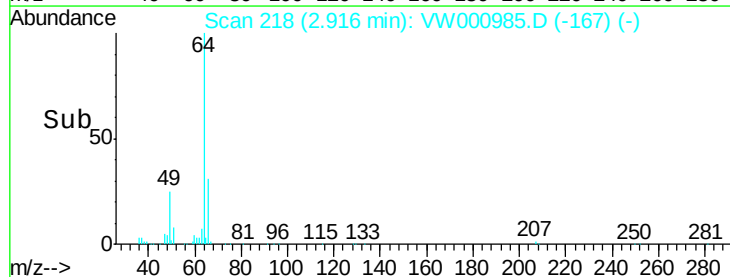
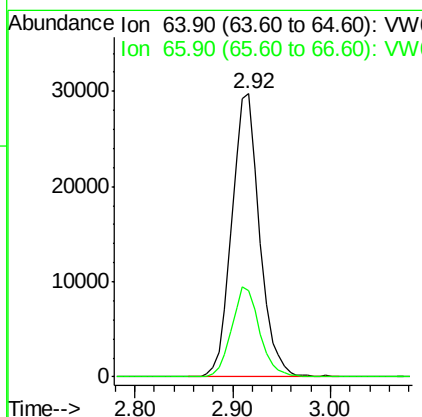
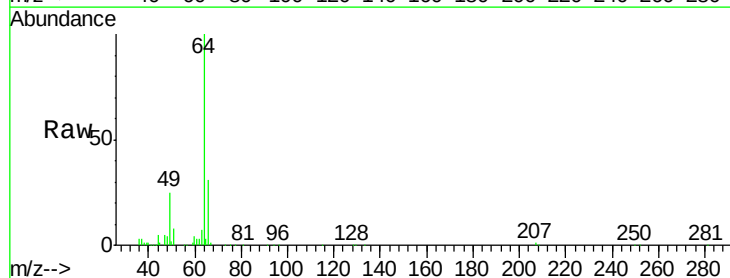
Acq: 25 Jan 2018 07:23

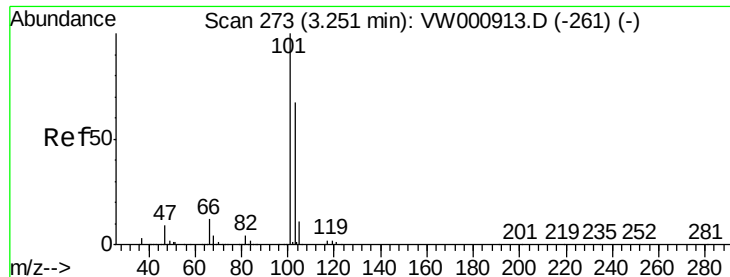
Tgt Ion: 64 Resp: 58691

Ion Ratio Lower Upper

64 100

66 30.6 26.1 39.1





#7

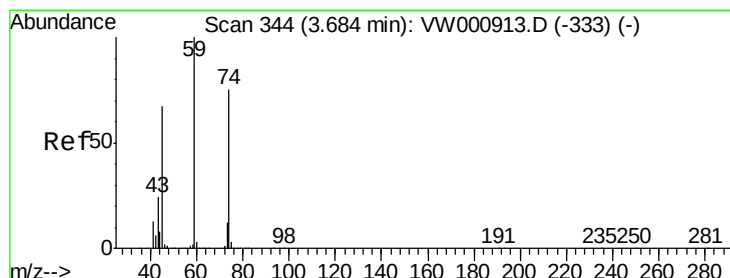
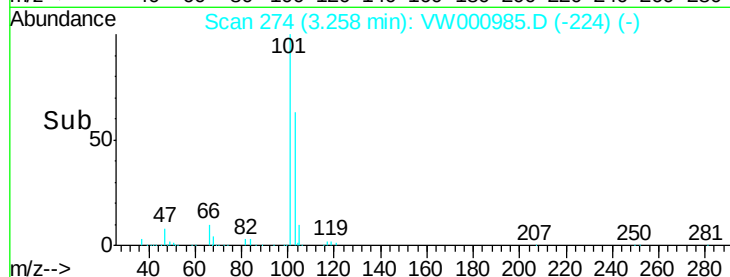
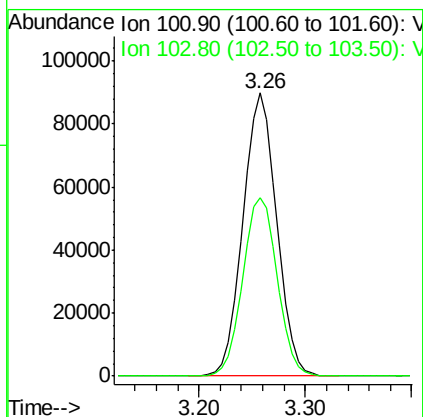
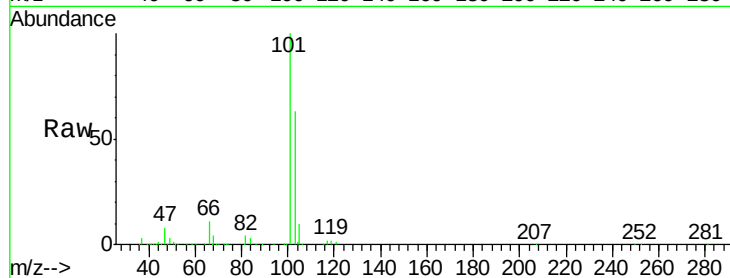
Trichlorofluoromethane
Concen: 51.32 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	53.4	80.0

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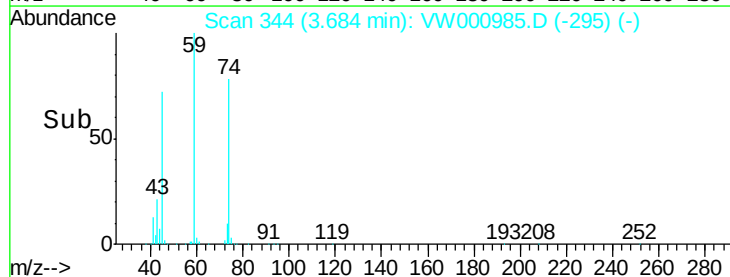
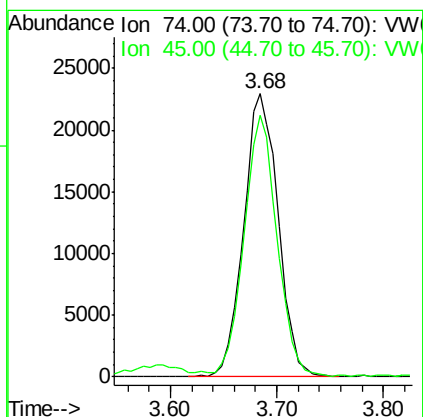
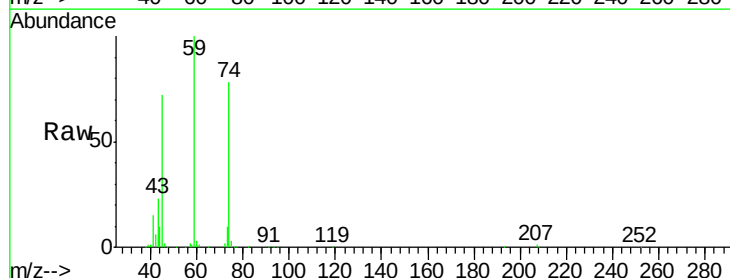
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1/25/2018 1:34:03 PM

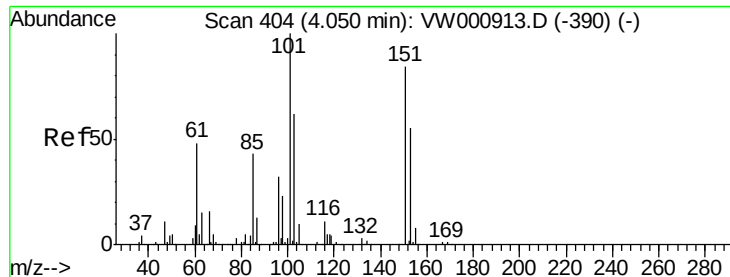


#8

Diethyl Ether
Concen: 53.25 ug/l
RT: 3.68 min Scan# 344
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	44.7	134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.09 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

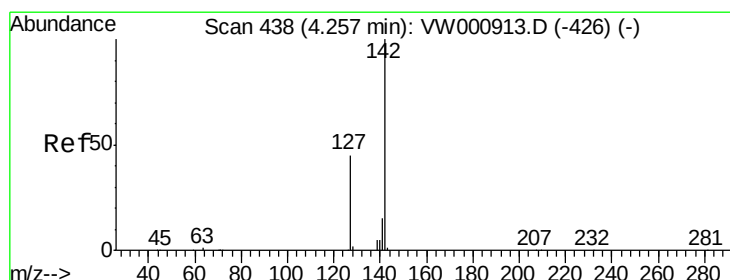
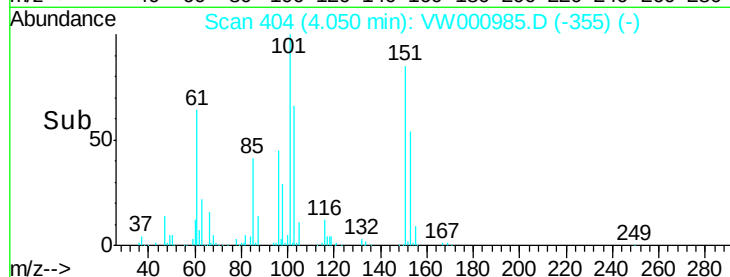
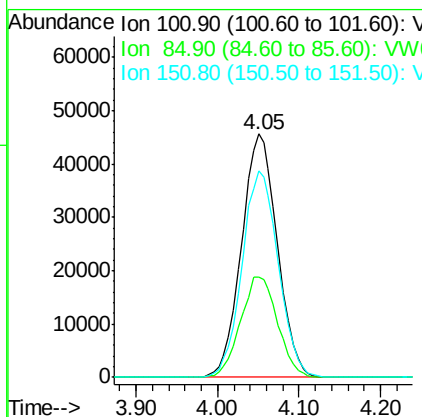
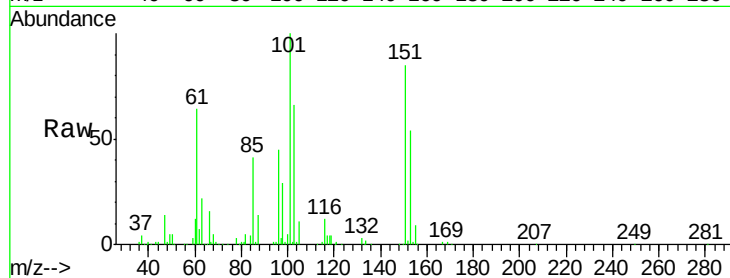
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	138780
Ion Ratio	Lower	Upper	
101	100		
85	42.7	35.3	52.9
151	86.1	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 44.12 ug/l

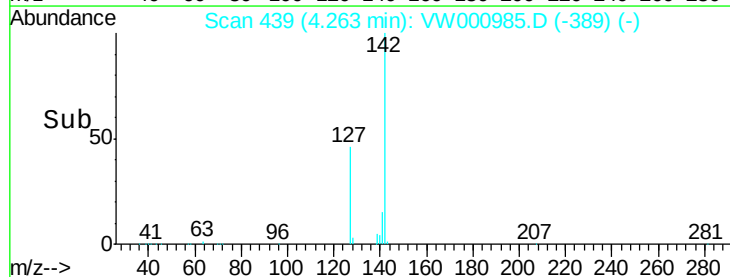
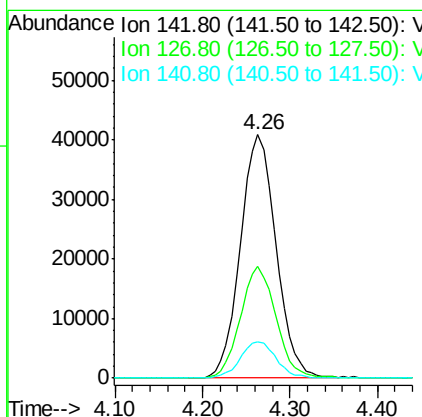
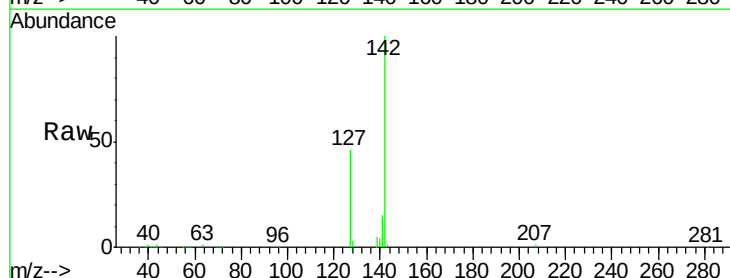
RT: 4.26 min Scan# 439

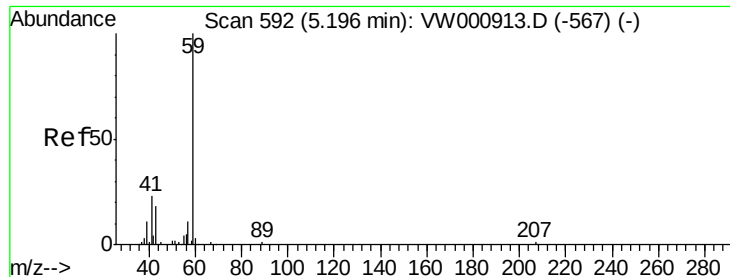
Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Tgt Ion:	142	Resp:	116149
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.5	53.3
141	15.1	11.7	17.5





#11

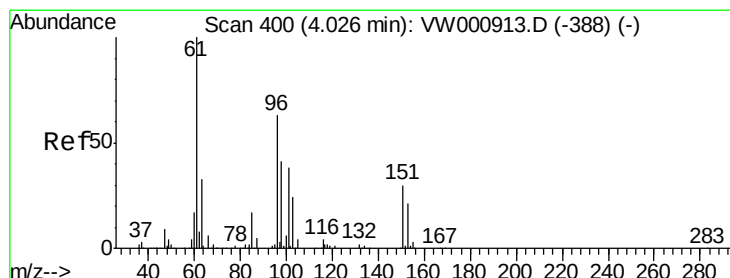
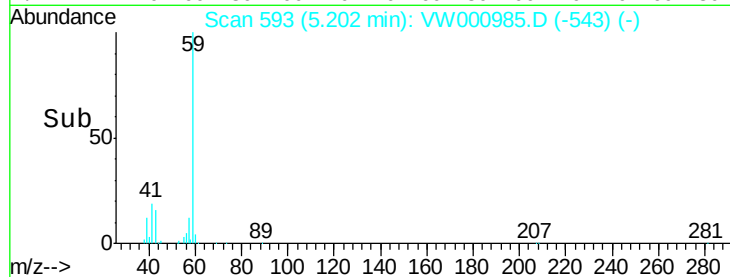
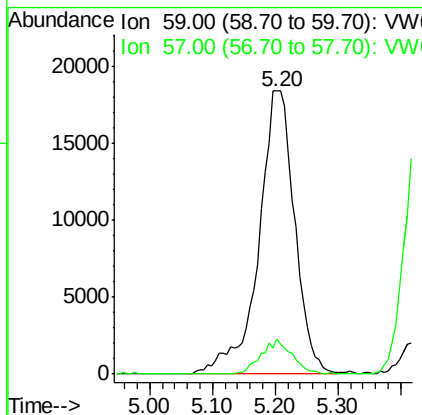
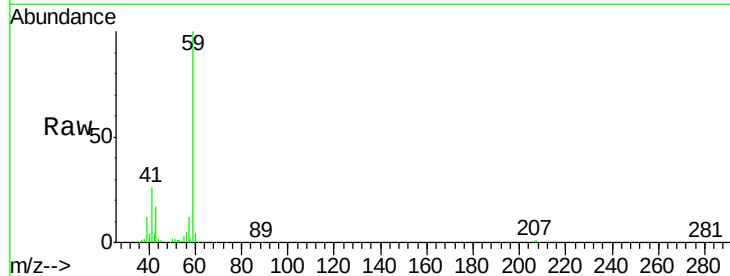
Tert butyl alcohol
Concen: 263.30 ug/l
RT: 5.20 min Scan# 593
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.3	7.0	10.6

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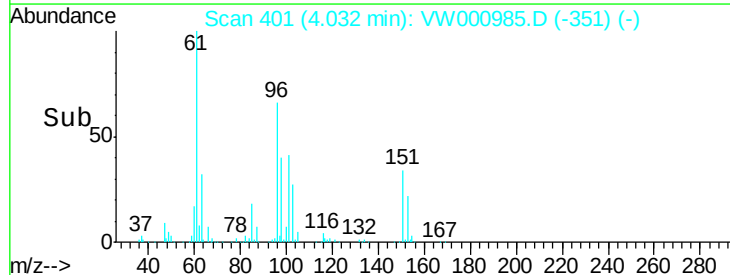
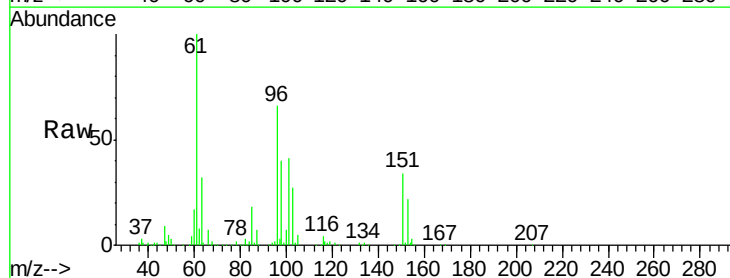
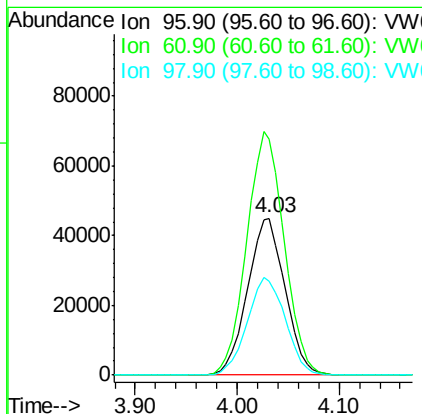
MMDadoda
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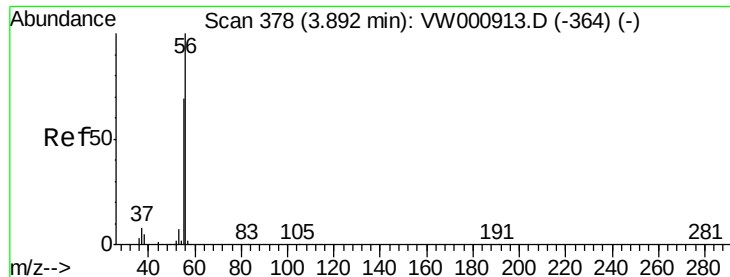


#12

1,1-Dichloroethene
Concen: 53.14 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	150.4	126.7	190.1
98	98	59.9	52.1	78.1





#13

Acrolein

Concen: 193.00 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 52333

Ion Ratio Lower Upper

56 100

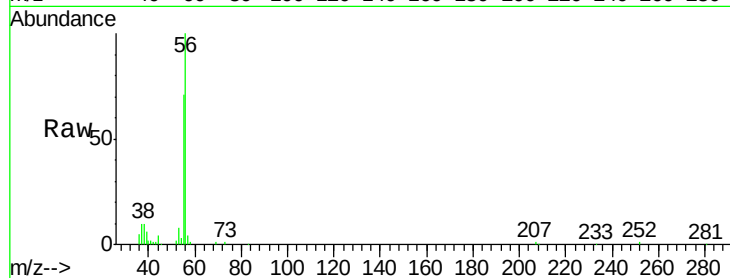
55 72.2 55.4 83.0

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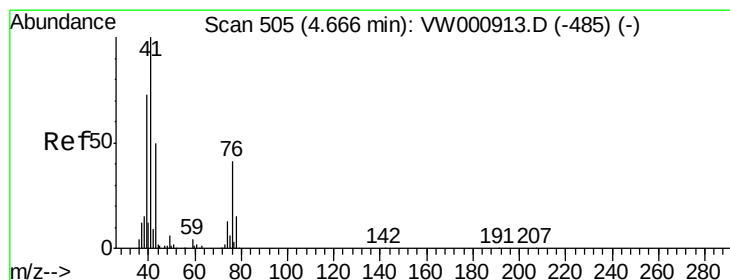
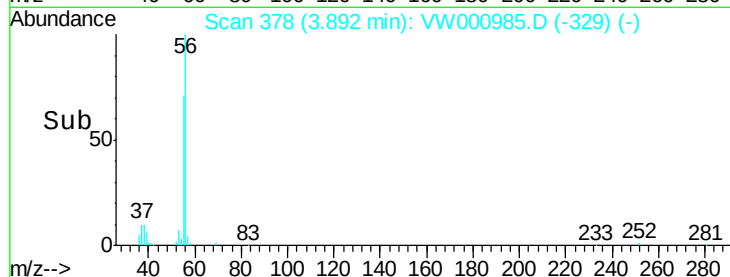
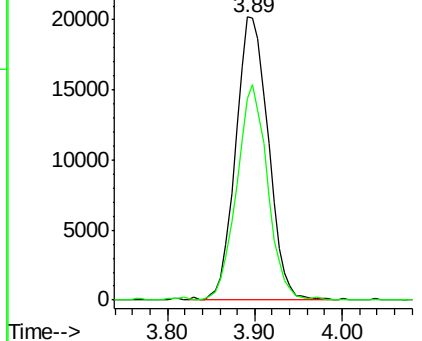
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 50.42 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

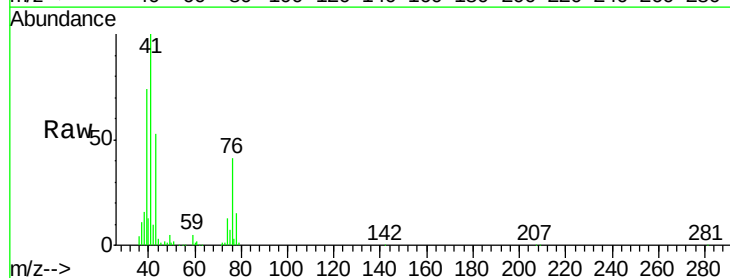
Tgt Ion: 41 Resp: 170111

Ion Ratio Lower Upper

41 100

39 69.9 55.3 82.9

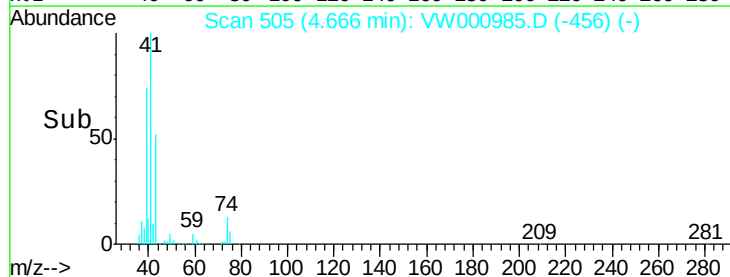
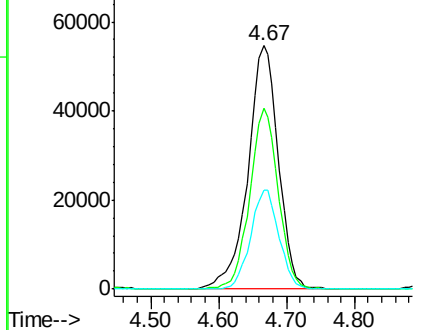
76 37.8 29.9 44.9

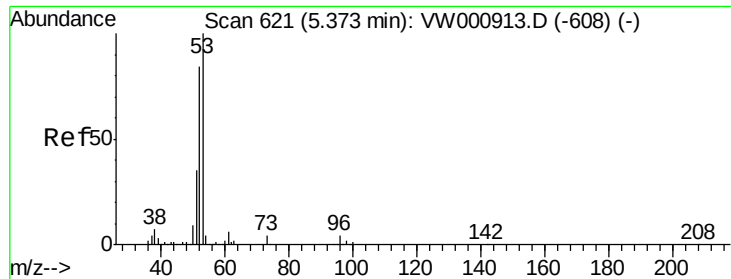


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 274.62 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

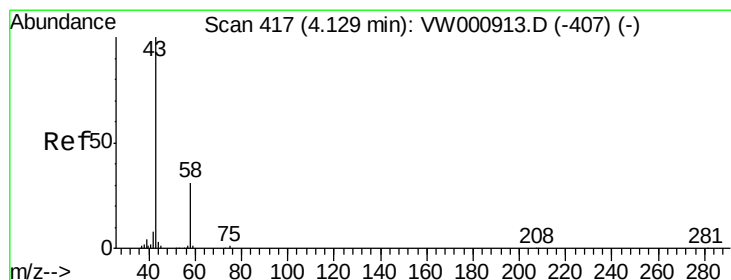
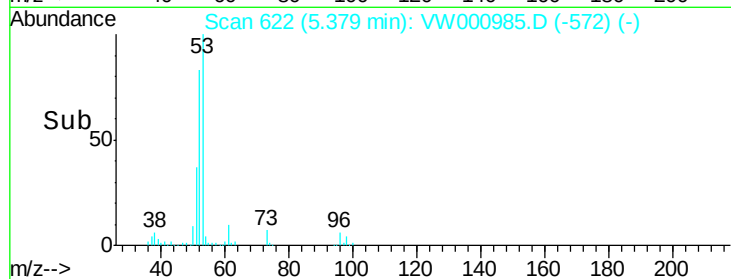
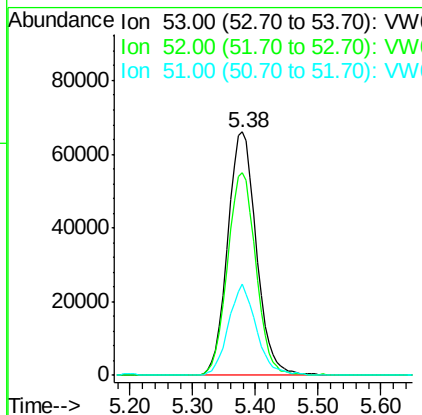
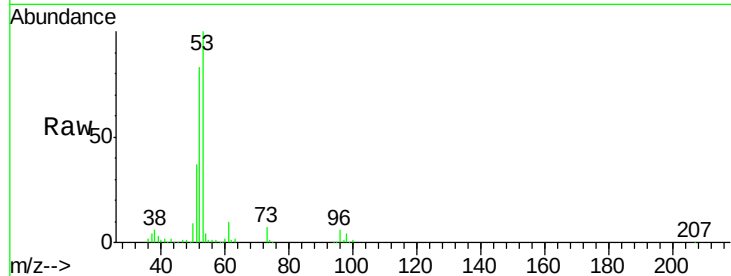
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	209523
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.6	99.8
51	36.6	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 200.71 ug/l

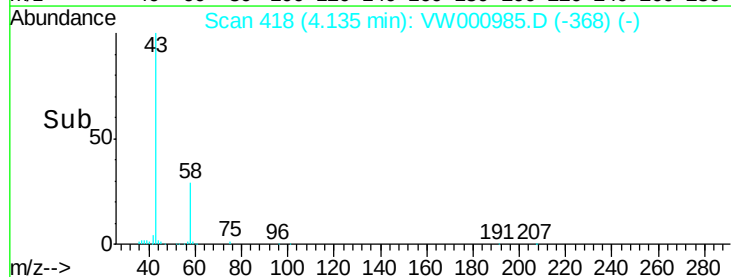
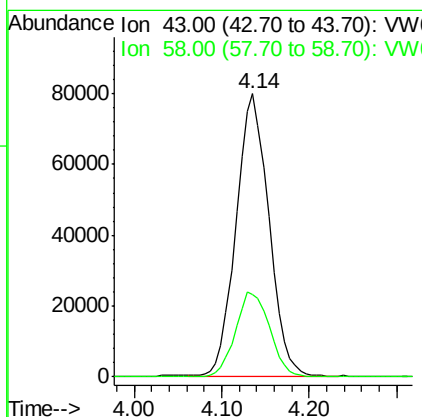
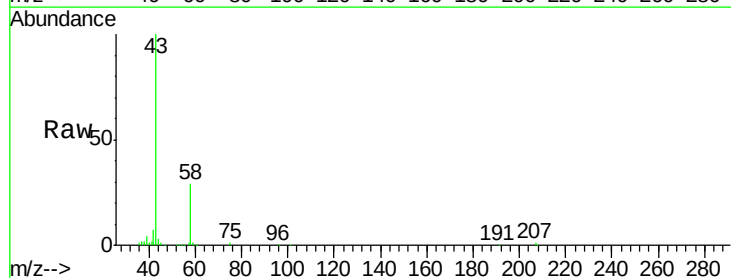
RT: 4.14 min Scan# 418

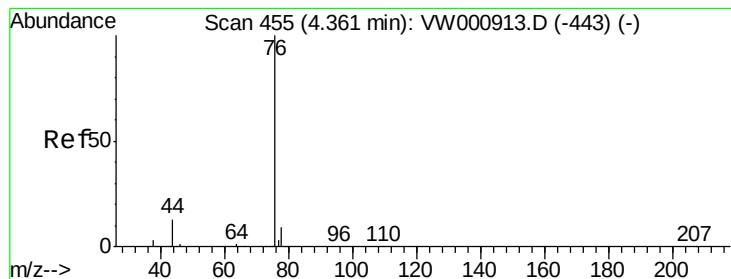
Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Tgt Ion:	43	Resp:	207959
Ion Ratio		Lower	Upper
43	100		
58	29.1	24.9	37.3





#17

Carbon Disulfide

Concen: 51.94 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 371412

Ion Ratio Lower Upper

76 100

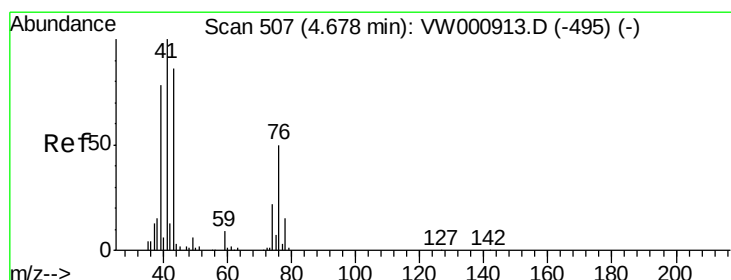
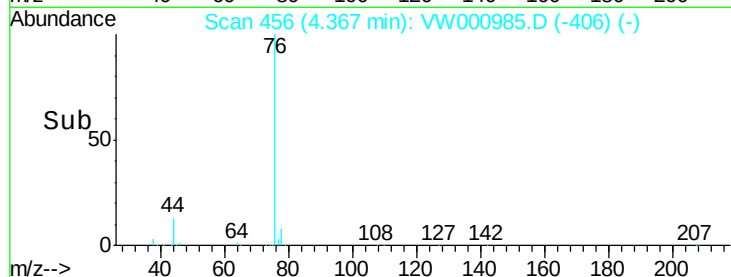
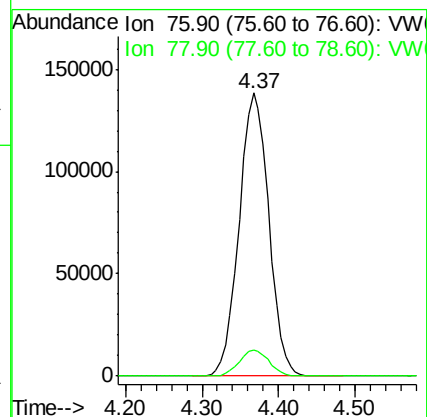
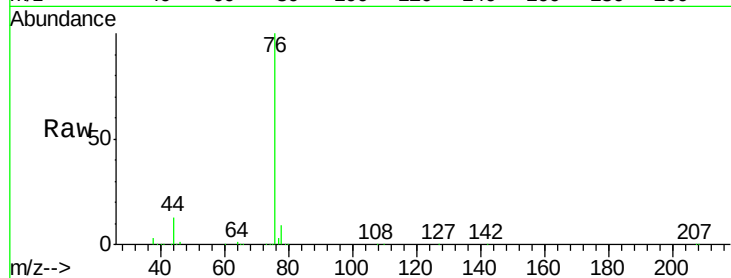
78 9.1 7.4 11.2

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#18

Methyl Acetate

Concen: 56.69 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW000985.D

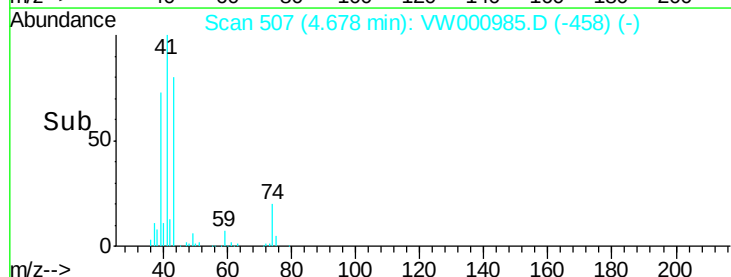
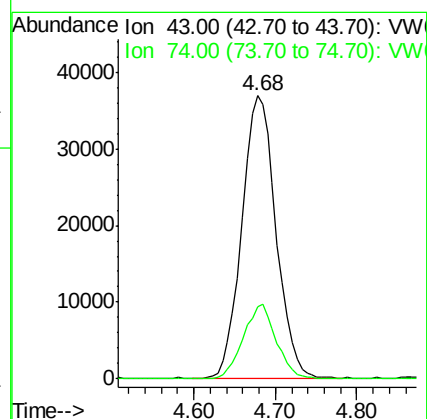
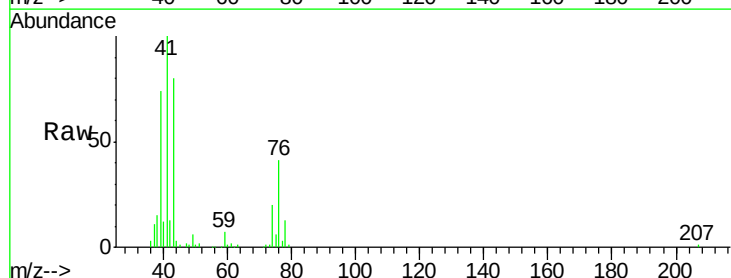
Acq: 25 Jan 2018 07:23

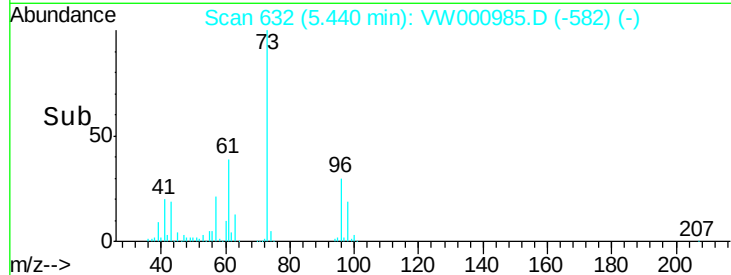
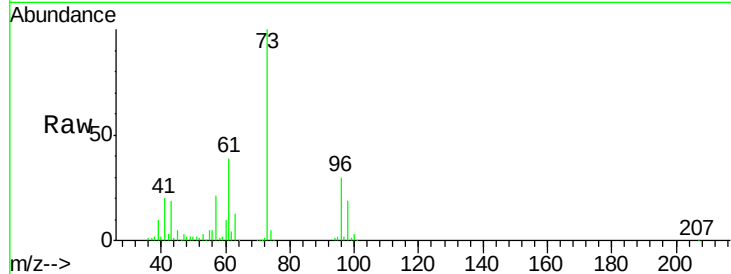
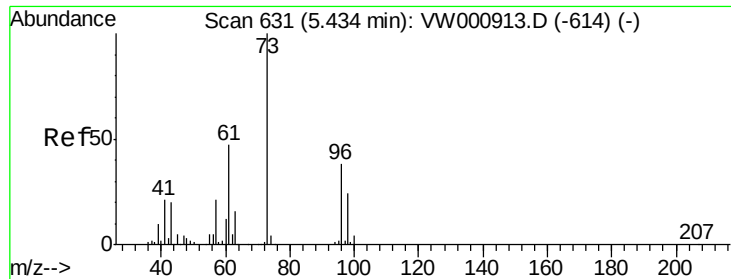
Tgt Ion: 43 Resp: 106795

Ion Ratio Lower Upper

43 100

74 25.5 20.5 30.7





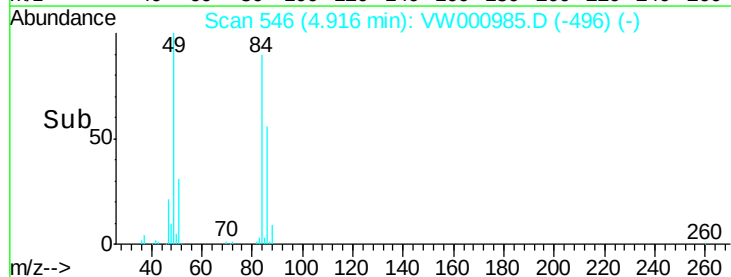
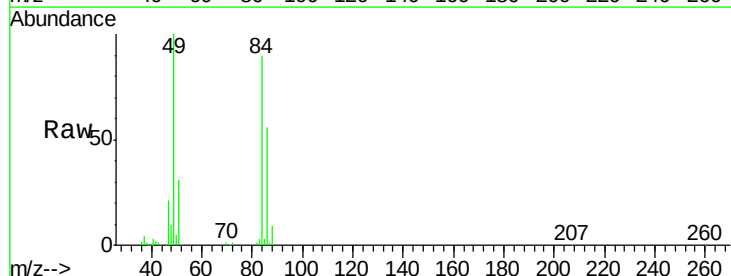
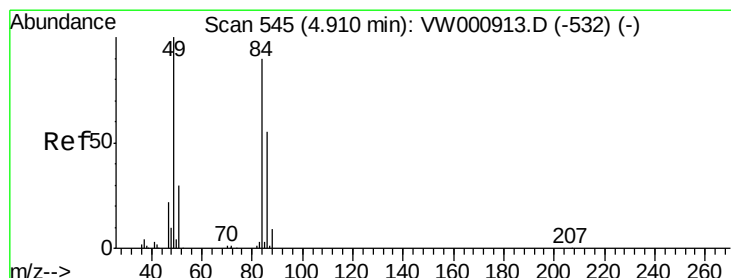
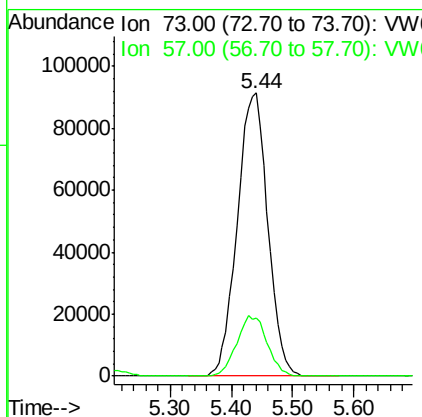
#19
Methyl tert-butyl Ether
Concen: 56.66 ug/l
RT: 5.44 min Scan# 632
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tot Ion: 73 Resp: 315141
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

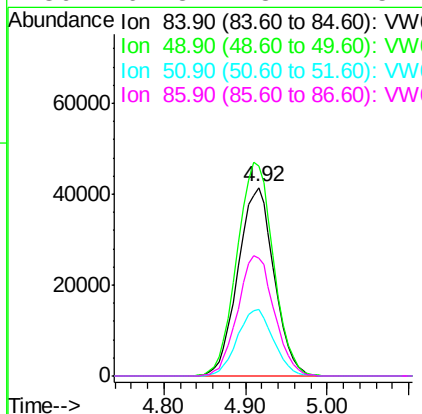
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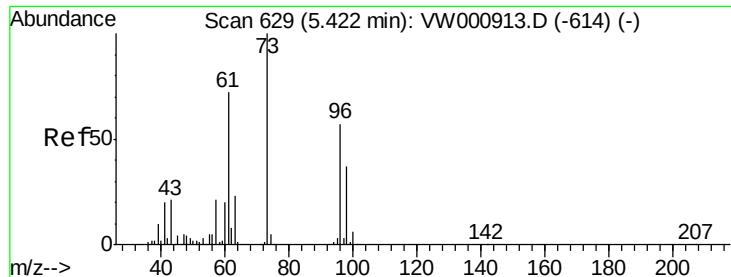
MMDadoda
1/25/2018 1:34:03 PM



#20
Methylene Chloride
Concen: 55.54 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion: 84 Resp: 127345
Ion Ratio Lower Upper
84 100
49 111.5 89.0 133.4
51 35.0 26.7 40.1
86 62.3 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 51.70 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

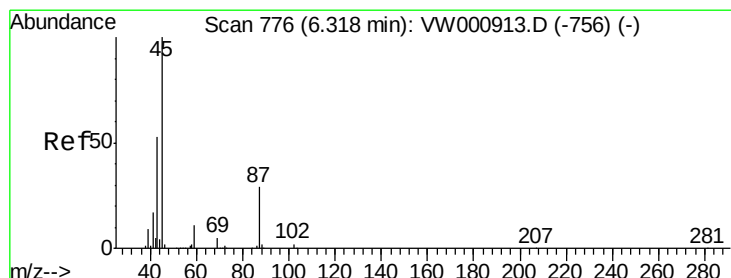
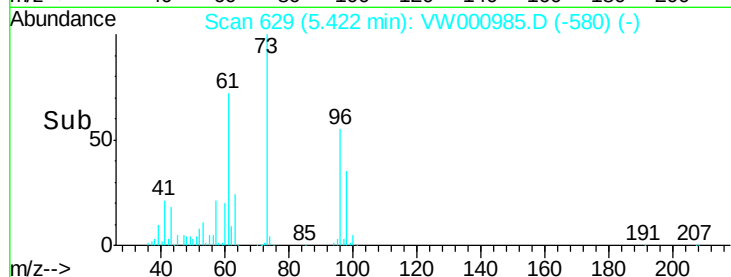
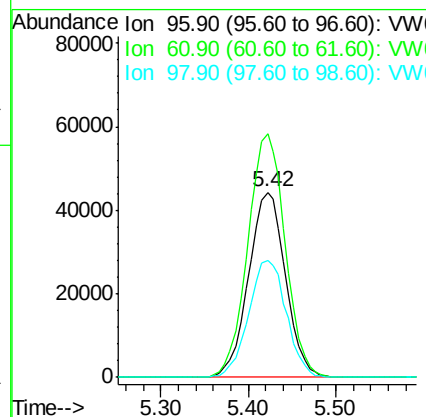
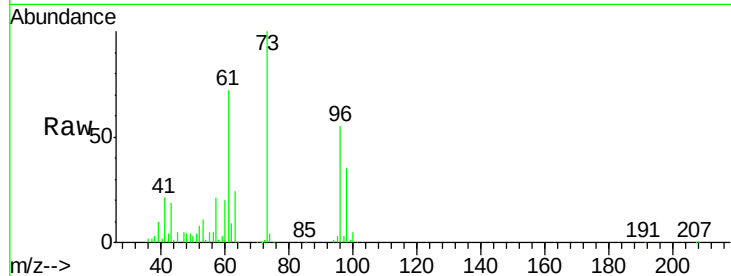
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	130073
Ion	Ratio	Lower	Upper
96	100		
61	131.7	101.1	151.7
98	63.5	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.71 ug/l

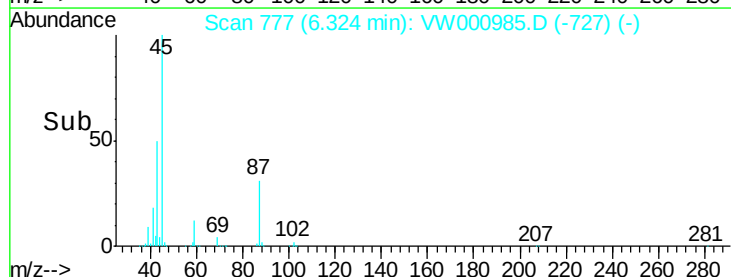
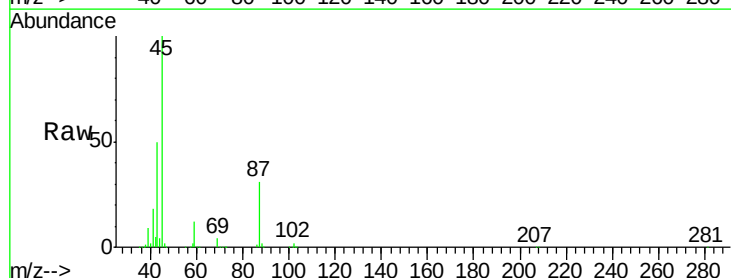
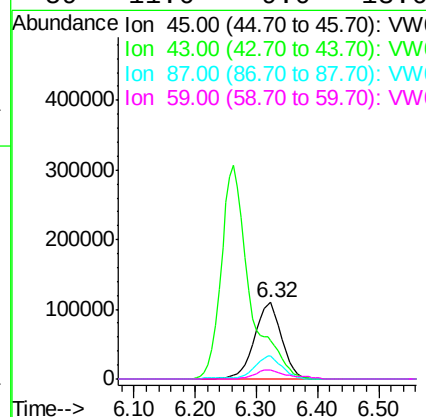
RT: 6.32 min Scan# 777

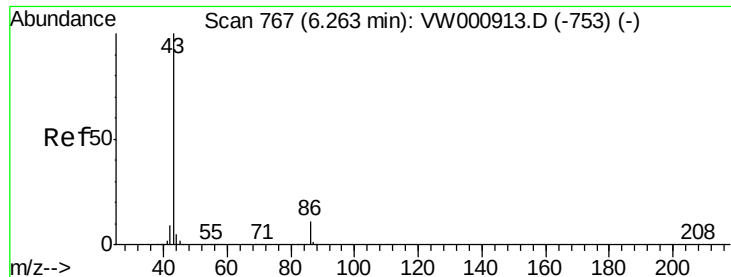
Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Tgt Ion:	45	Resp:	342548
Ion	Ratio	Lower	Upper
45	100		
43	50.0	42.7	64.1
87	30.5	23.8	35.8
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 263.51 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 988975

Ion Ratio Lower Upper

43 100

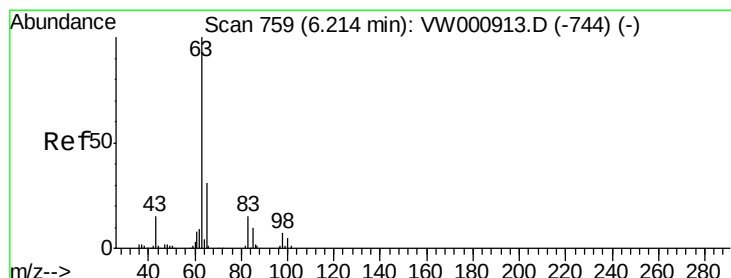
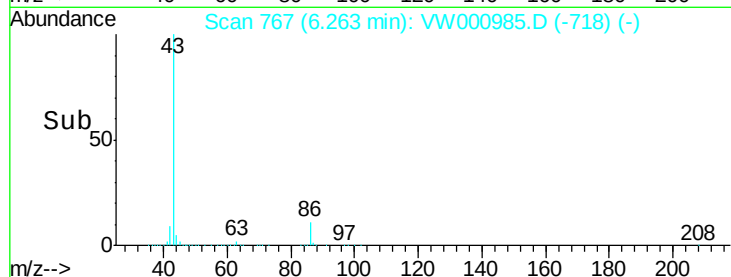
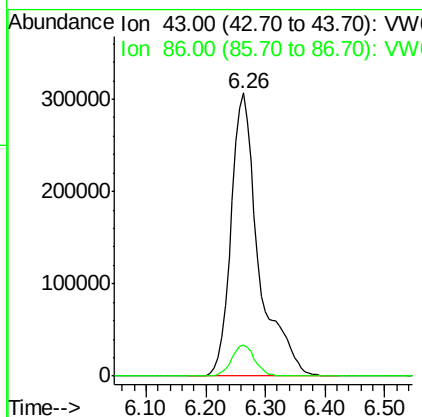
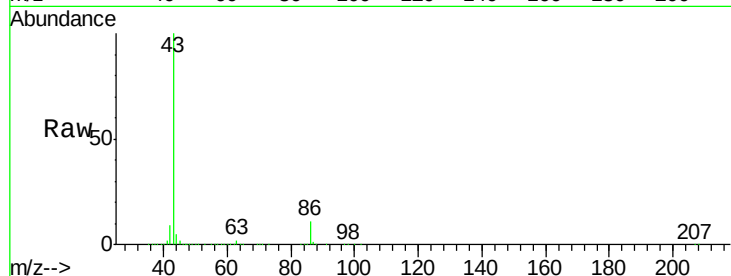
86 10.9 9.1 13.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.77 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

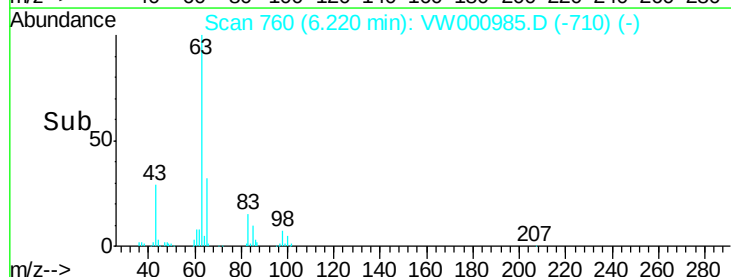
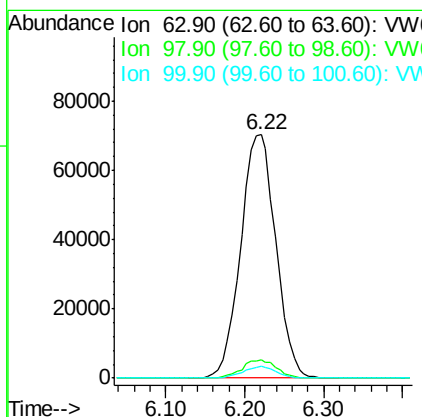
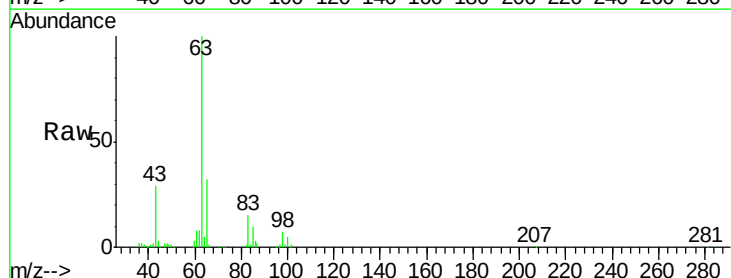
Tgt Ion: 63 Resp: 217394

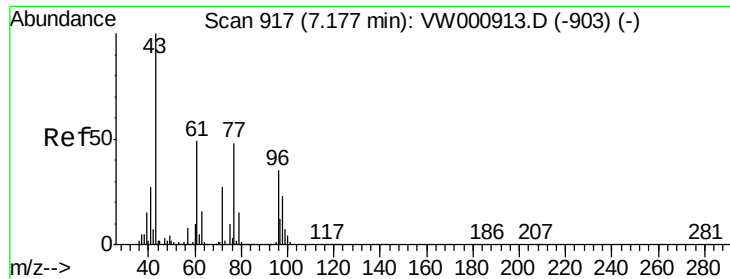
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 255.47 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 289438

Ion Ratio Lower Upper

43 100

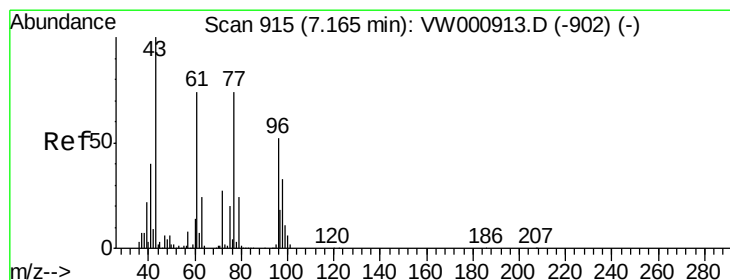
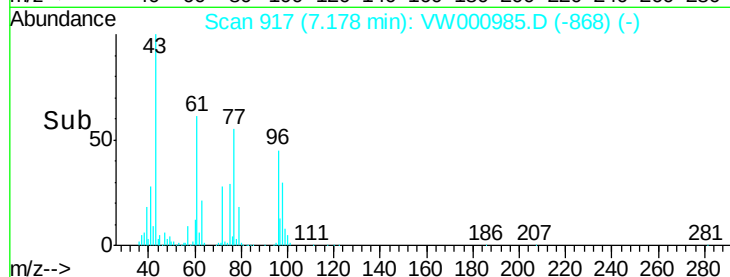
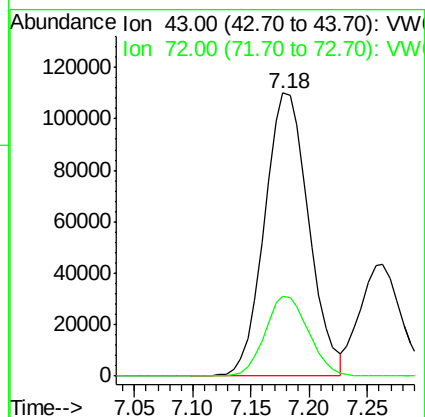
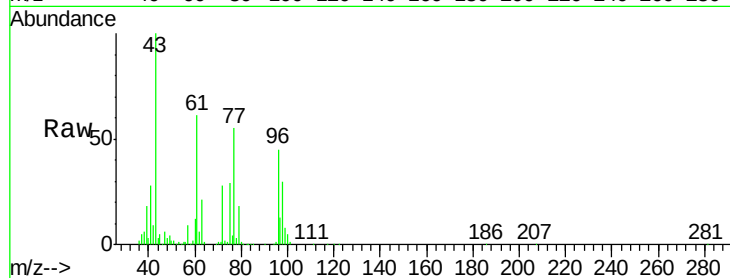
72 28.5 21.5 32.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.34 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW000985.D

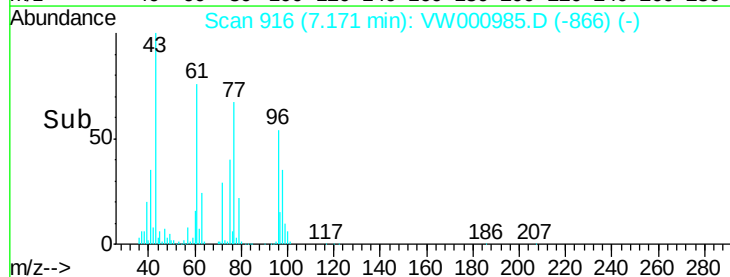
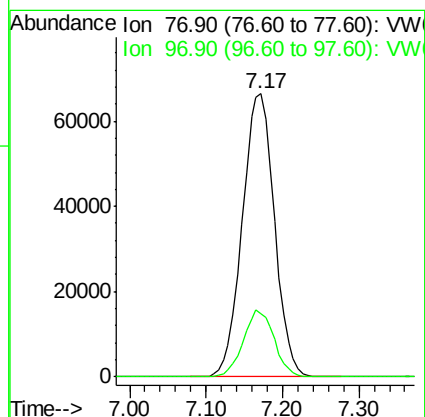
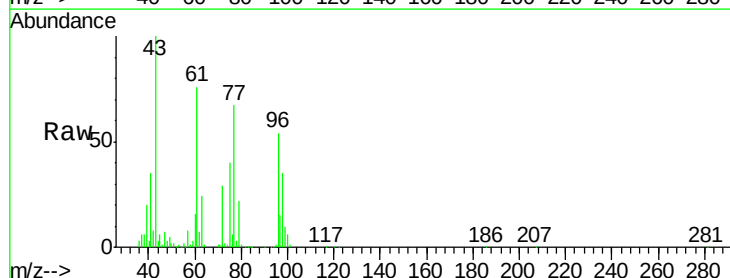
Acq: 25 Jan 2018 07:23

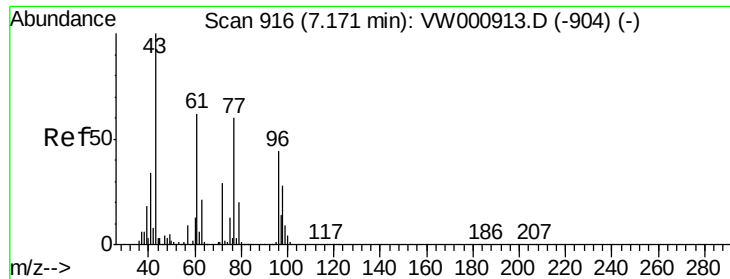
Tgt Ion: 77 Resp: 193761

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3





#27

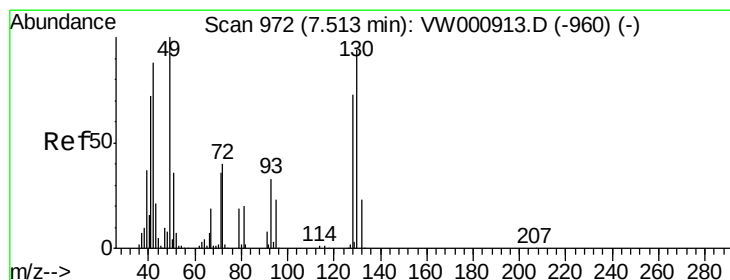
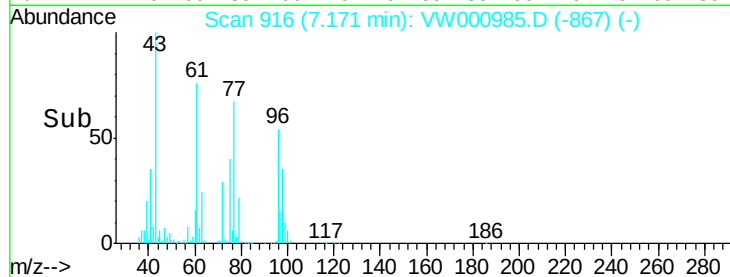
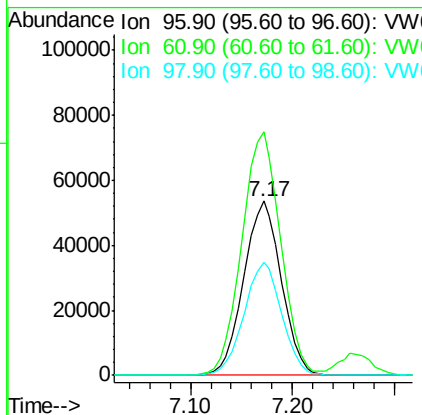
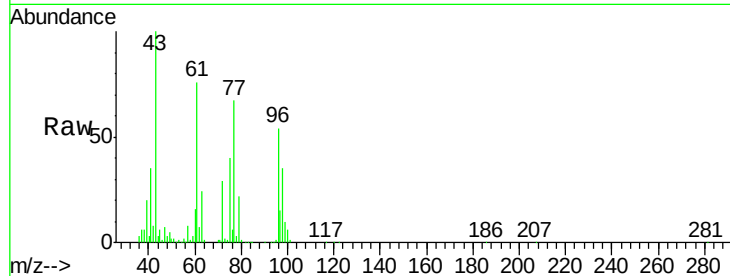
cis-1,2-Dichloroethene
 Concen: 53.06 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	279.8
98	64.8	0.0	127.6

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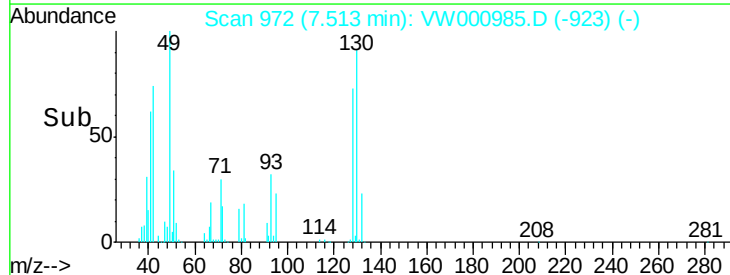
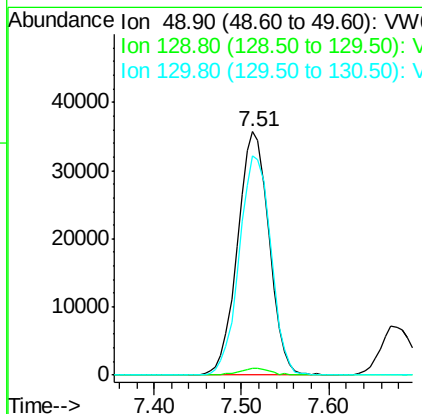
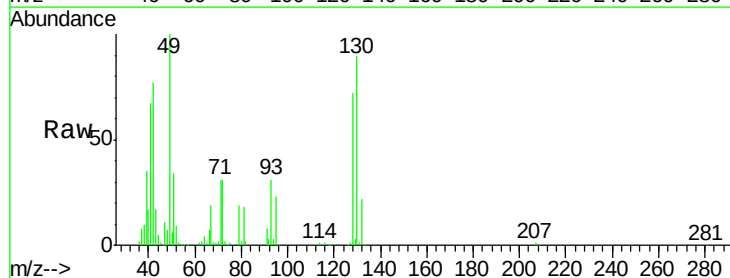
MMDadoda
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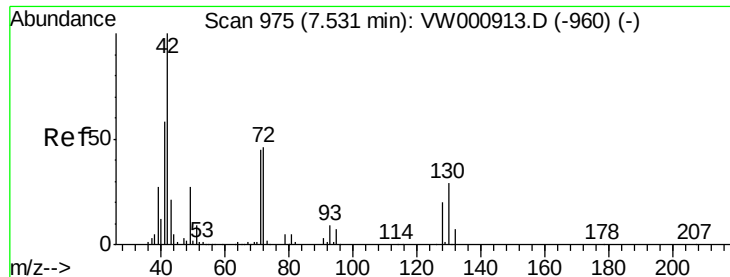


#28

Bromochloromethane
 Concen: 52.65 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	2.8
130	90.4	73.8	110.6





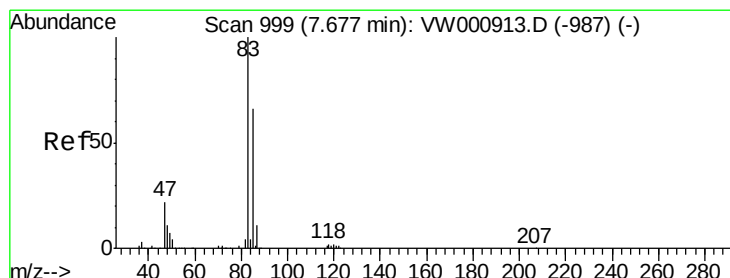
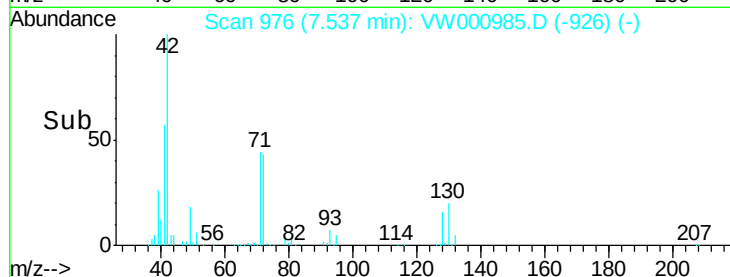
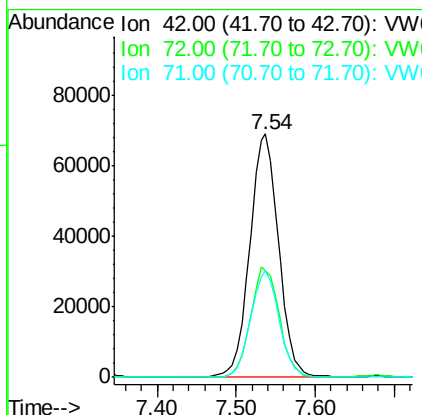
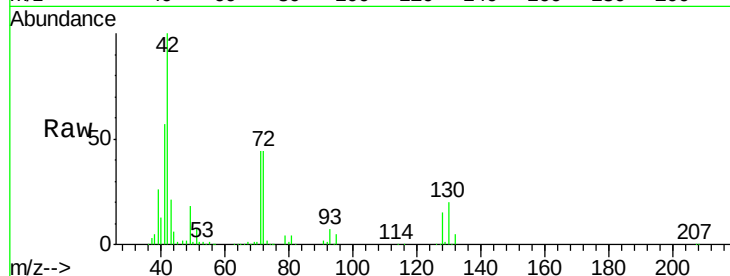
#29
Tetrahydrofuran
Concen: 280.75 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	37.1	55.7
71	43.2	34.9	52.3

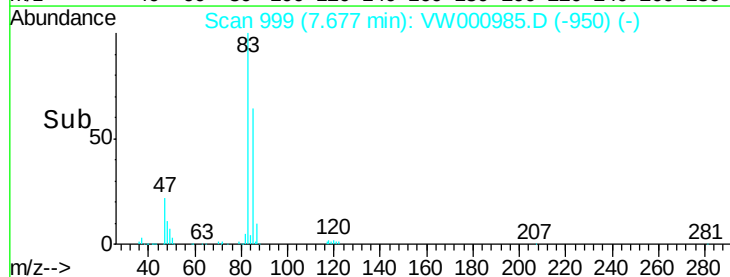
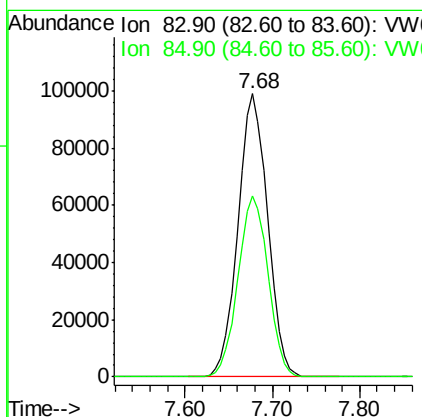
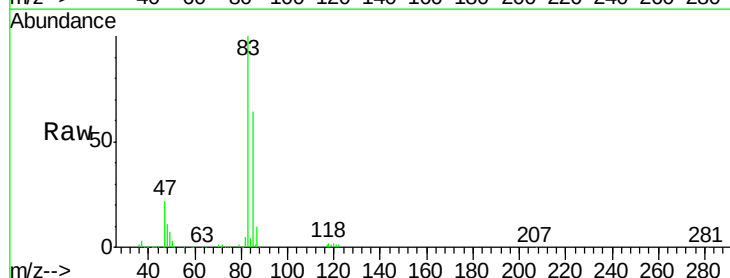
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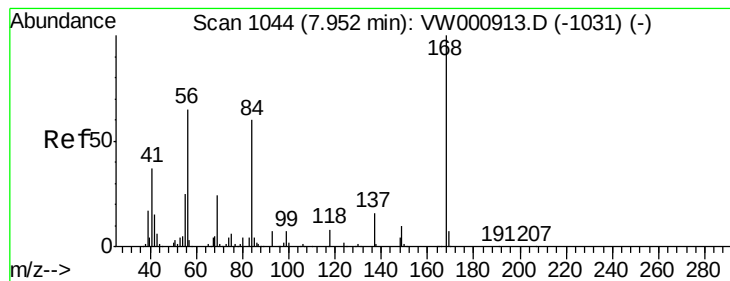
MMDadoda
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#30
Chloroform
Concen: 53.46 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.5	78.7





#31

Cyclohexane

Concen: 50.17 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

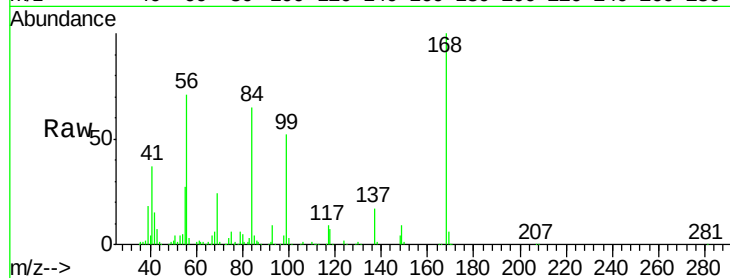
ClientSampleId :

VSTDCCC050EC

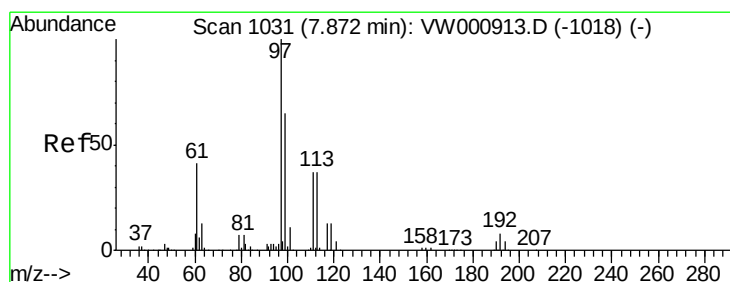
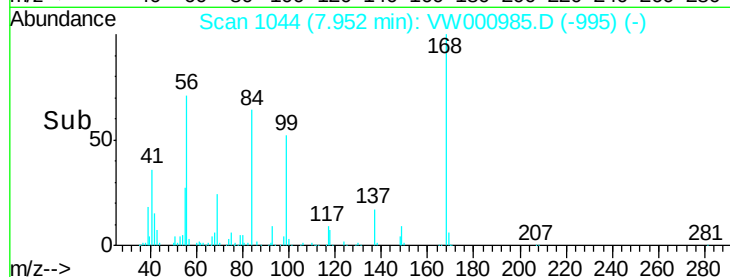
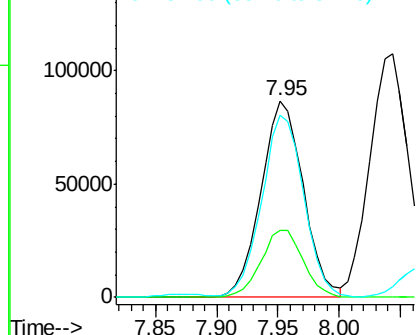
Tot Ion	56	Resp	209388
Ion	Ratio	Lower	Upper
56	100		
69	34.0	29.2	43.8
84	91.1	73.6	110.4

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 52.49 ug/l

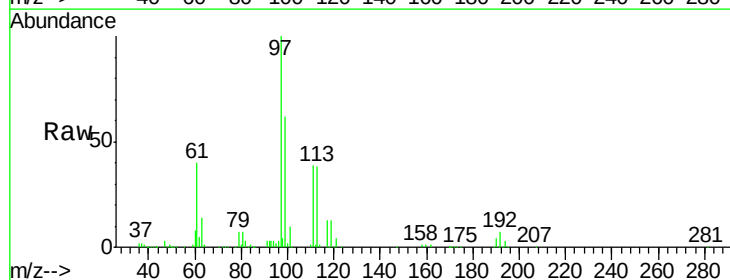
RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

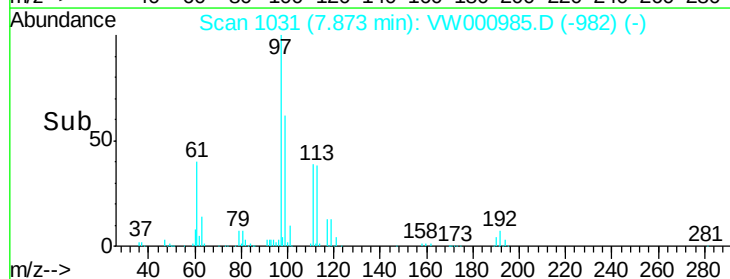
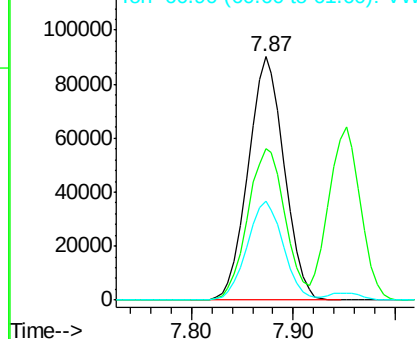
Lab File: VW000985.D

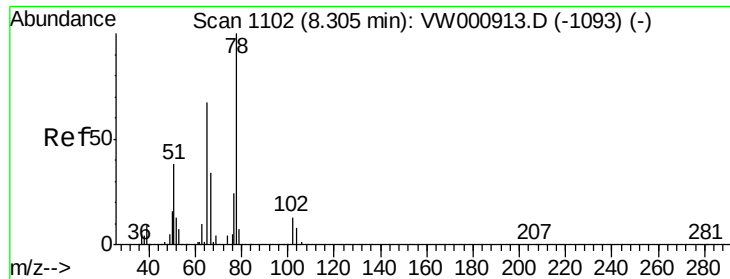
Acq: 25 Jan 2018 07:23

Tgt Ion	97	Resp	221210
Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.6	78.8
61	40.8	32.9	49.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





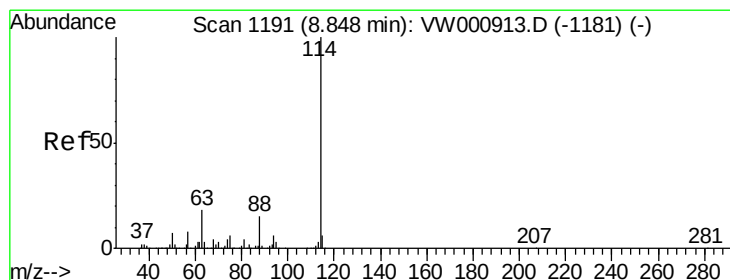
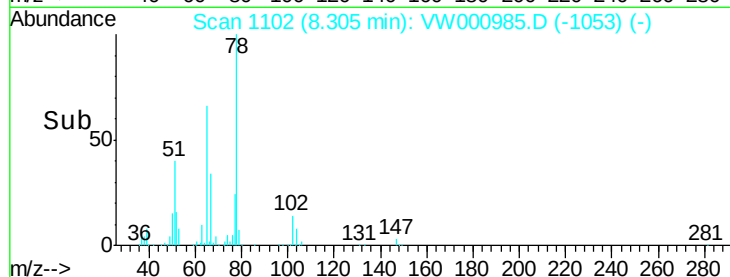
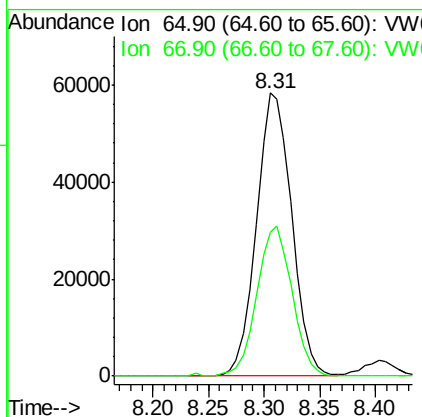
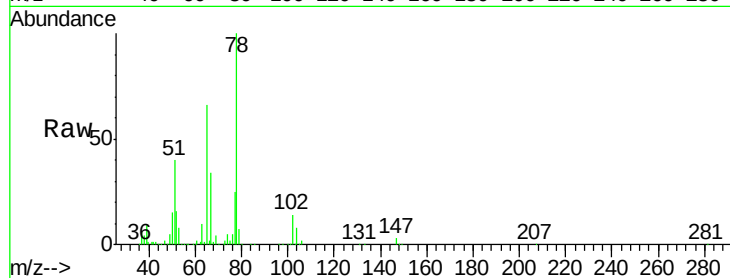
#33
 1,2-Dichloroethane-d4
 Concen: 50.32 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	105.8	

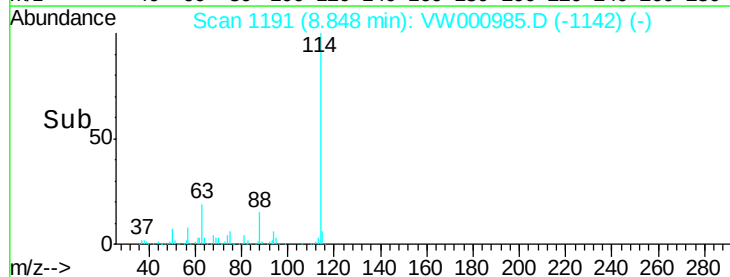
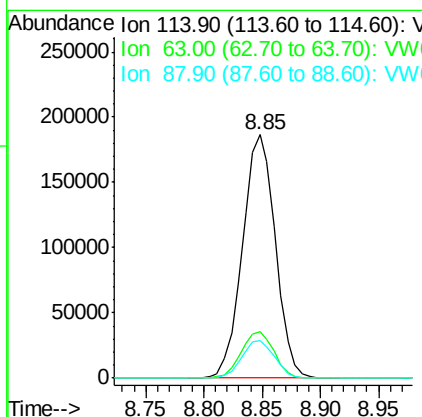
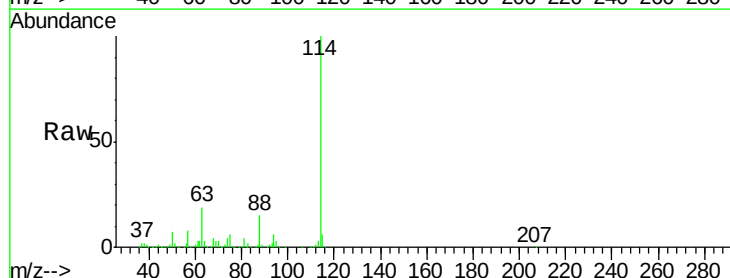
Manual Integrations
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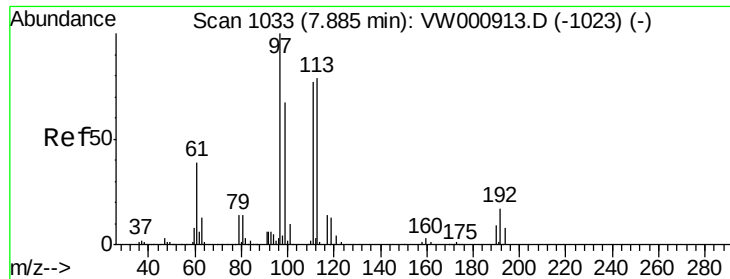
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.3	0.0	36.8	
88	15.4	0.0	29.8	





#35

Dibromofluoromethane

Concen: 53.55 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

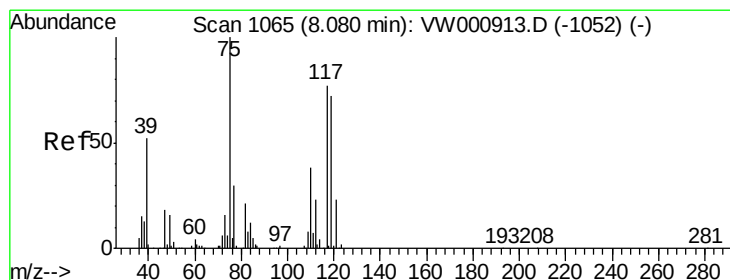
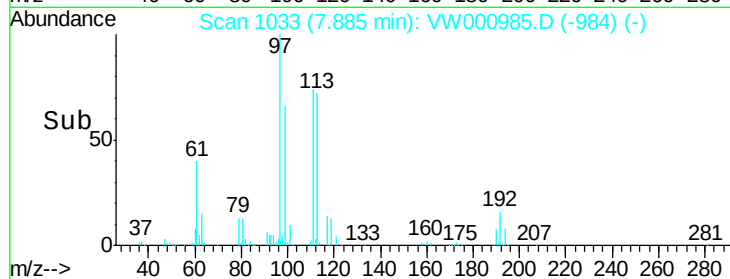
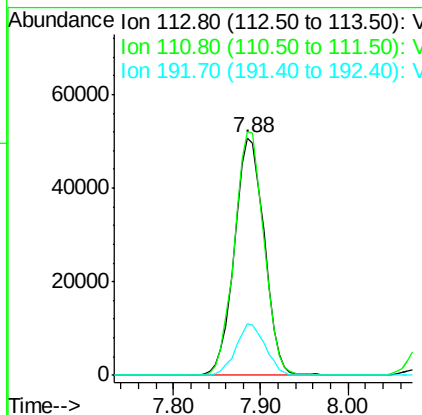
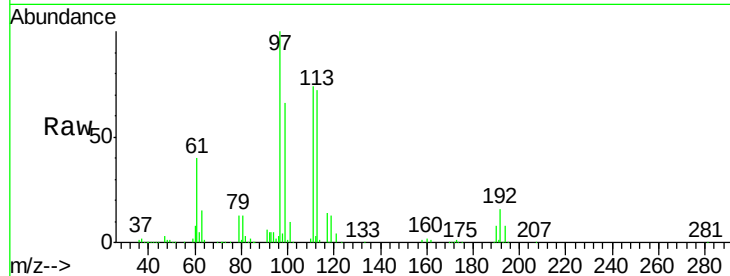
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	120349
Ion Ratio	Lower	Upper	
113	100		
111	101.7	80.4	120.6
192	21.4	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.19 ug/l

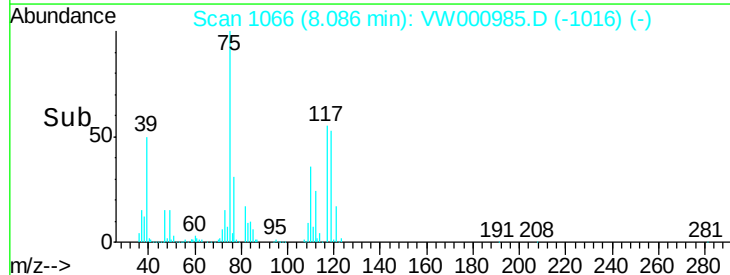
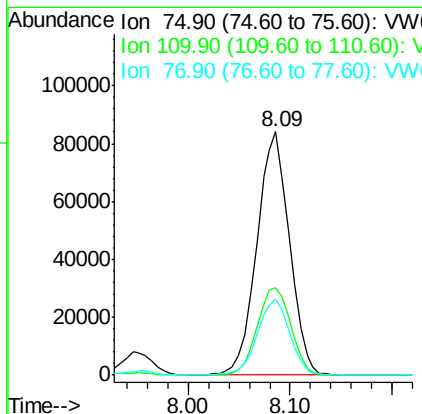
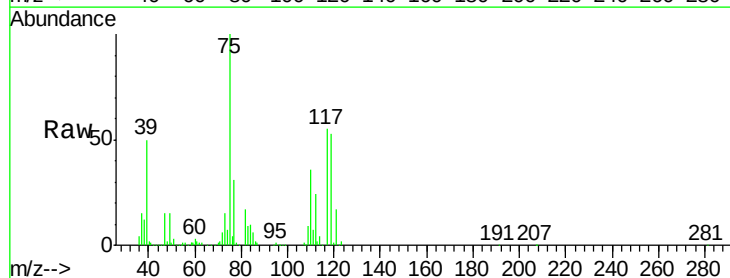
RT: 8.09 min Scan# 1066

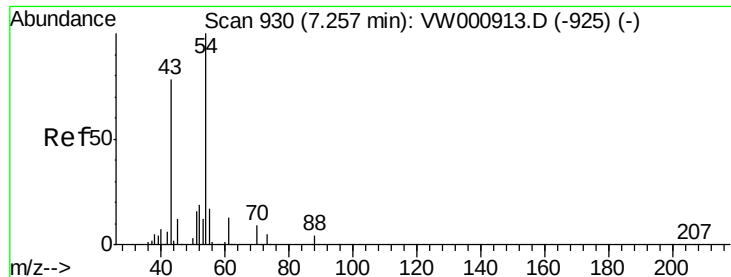
Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Tgt Ion:	75	Resp:	186182
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.6	56.0
77	31.3	24.6	36.8





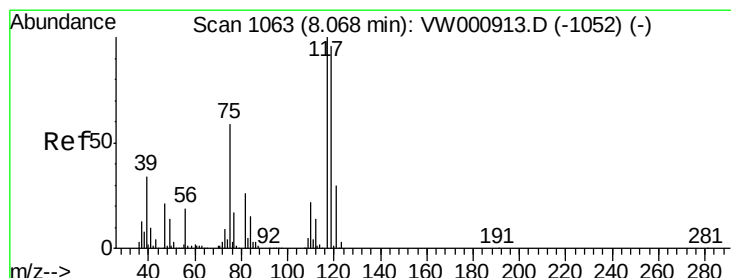
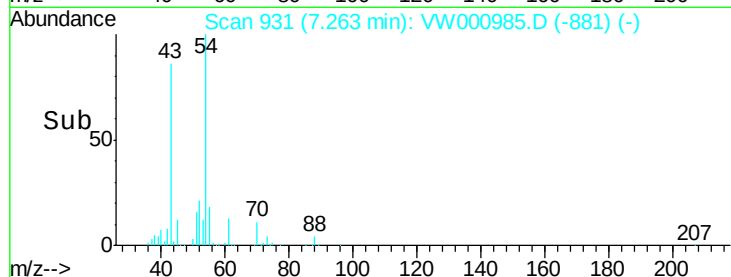
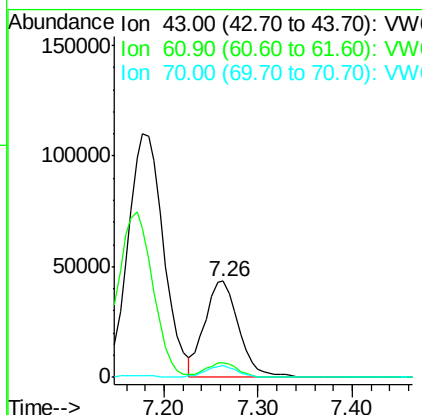
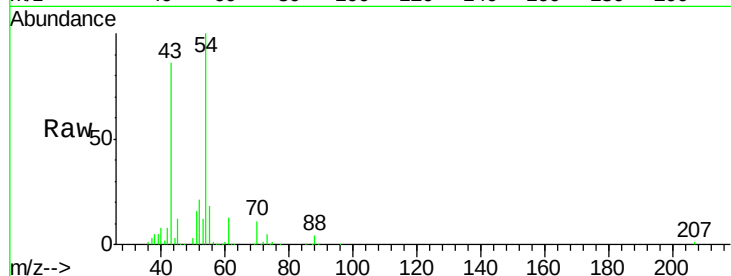
#37
Ethyl Acetate
Concen: 55.40 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.1	18.1
70	11.4	9.1	13.7

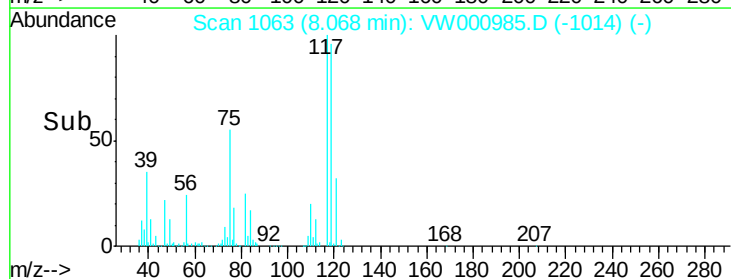
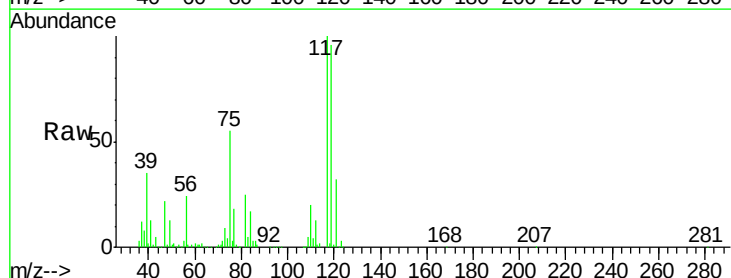
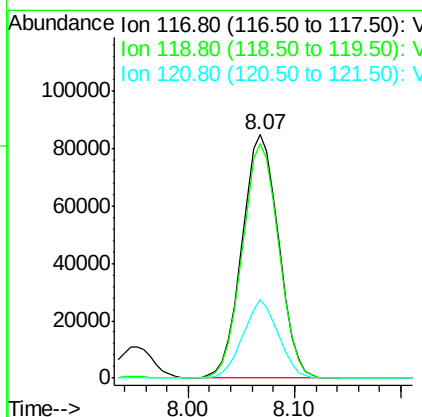
Manual Integrations
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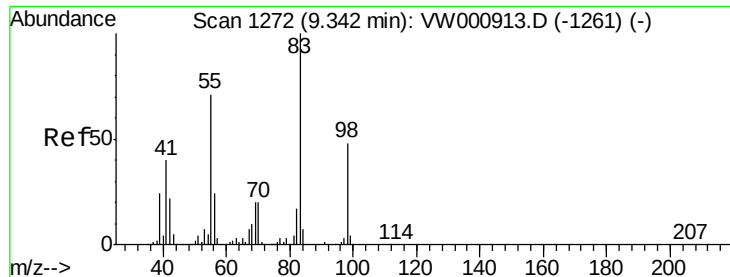
MMDadoda
1/25/2018 1:34:03 PM



#38
Carbon Tetrachloride
Concen: 53.13 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.5	114.7
121	32.1	24.3	36.5





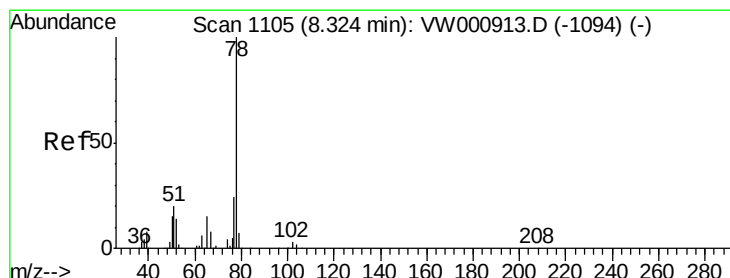
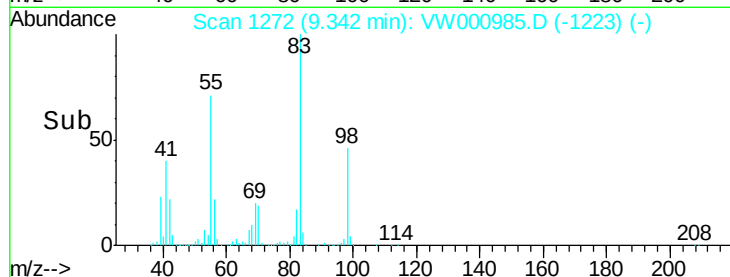
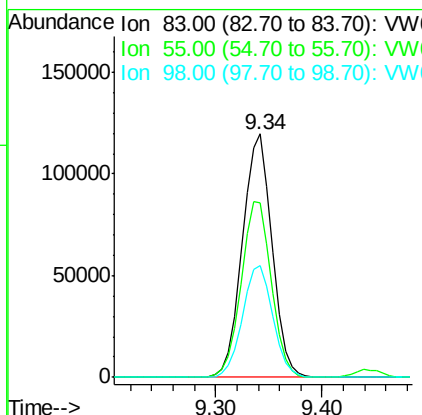
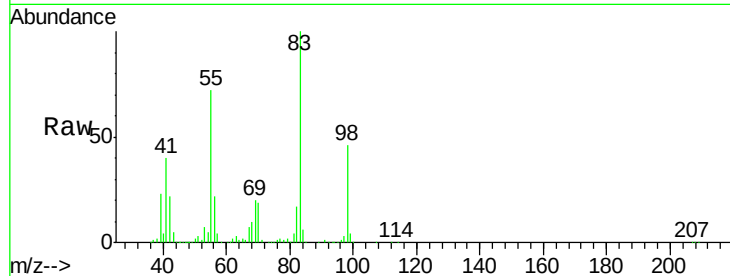
#39
Methylvlcyclohexane
Concen: 55.52 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	56.4	84.6
98	45.9	38.2	57.4

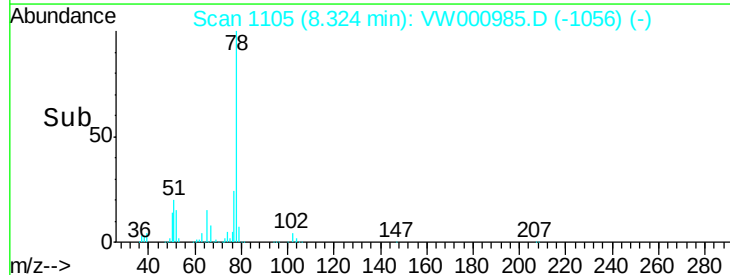
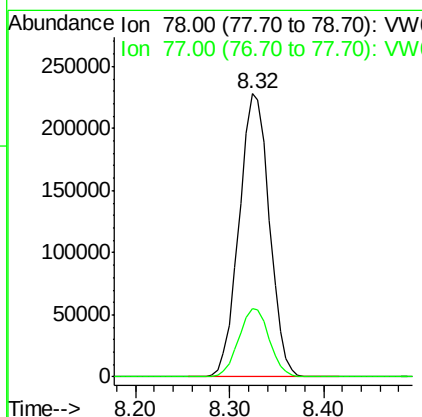
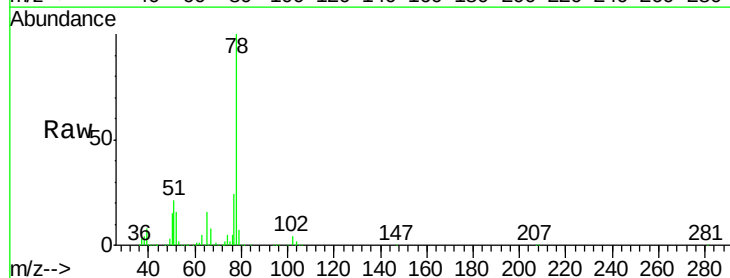
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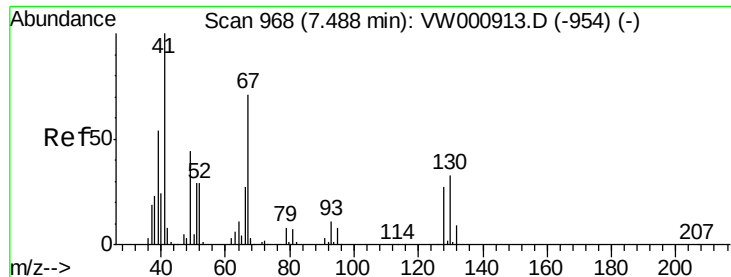
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#40
Benzene
Concen: 53.60 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





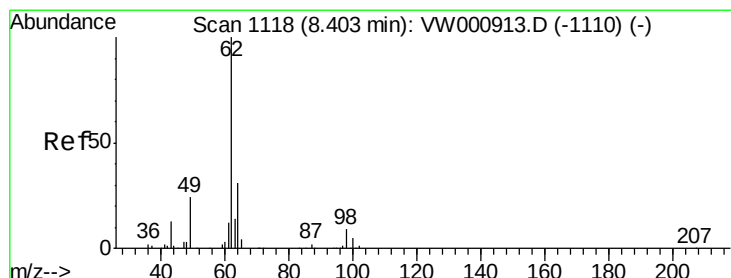
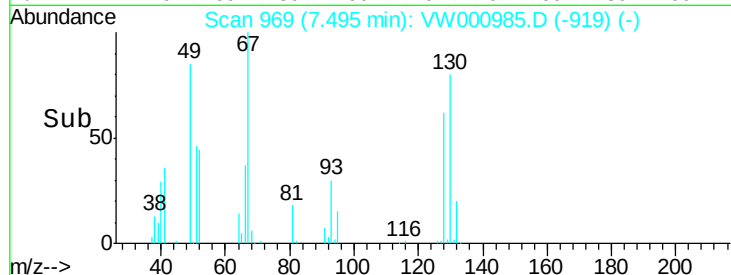
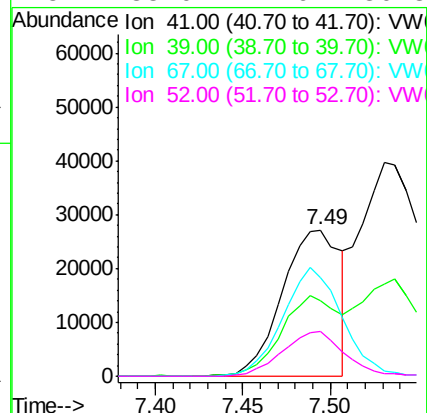
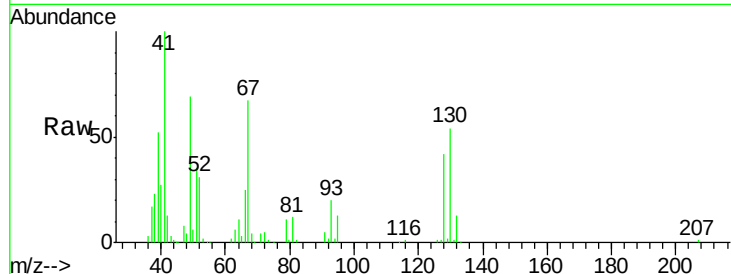
#41
Methacrylonitrile
Concen: 56.87 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp:	63067
Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.4	65.0
67	76.0	59.0	88.4
52	33.0	24.6	36.8

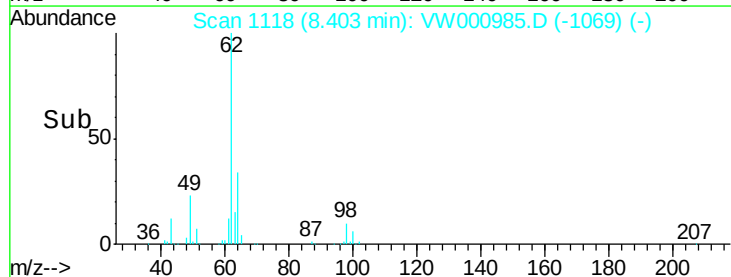
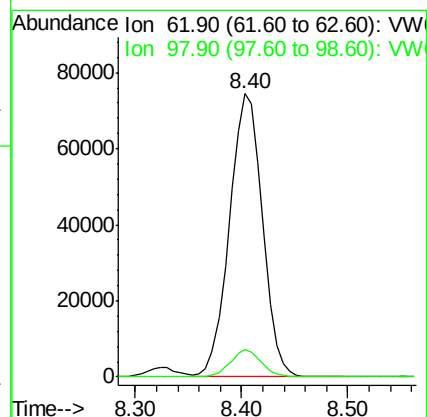
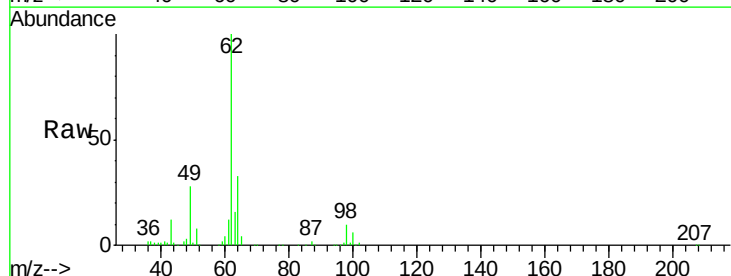
Manual Integrations
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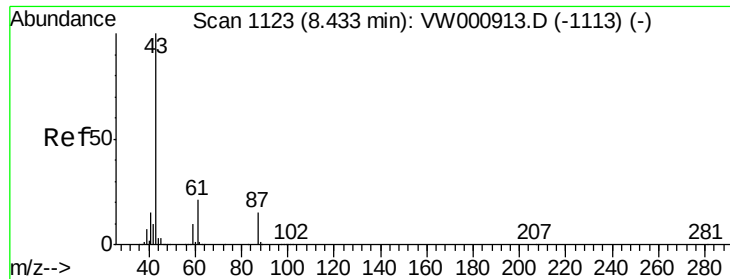
MMDadoda
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#42
1,2-Dichloroethane
Concen: 55.00 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	62	Resp:	161302
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0





#43

Isopropyl Acetate

Concen: 55.67 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

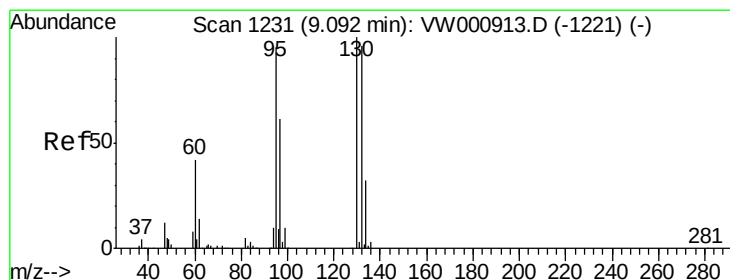
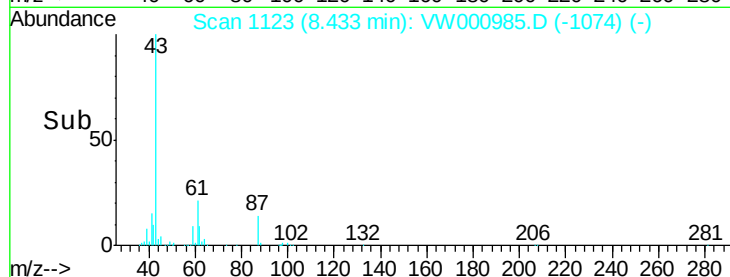
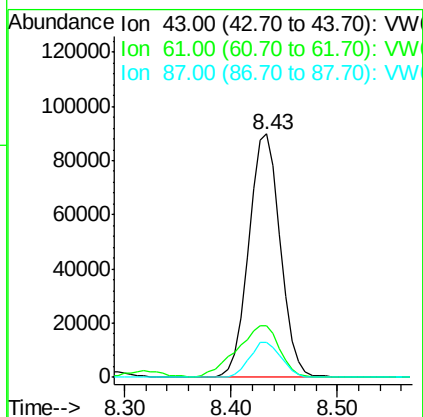
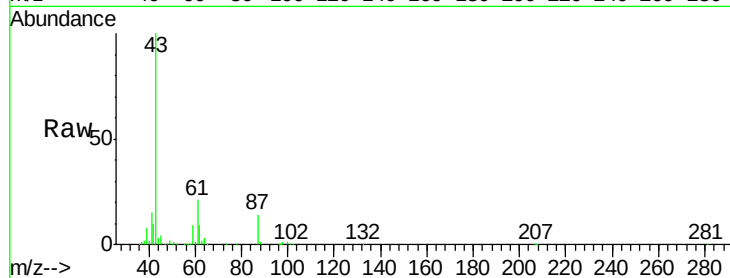
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	186456
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.6	35.4
87	14.7	11.7	17.5

Manual Integrations
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MM Dadoda
1/25/2018 1:34:03 PM



#44

Trichloroethene

Concen: 53.56 ug/l

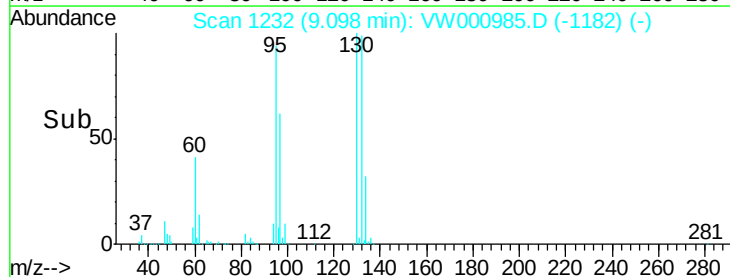
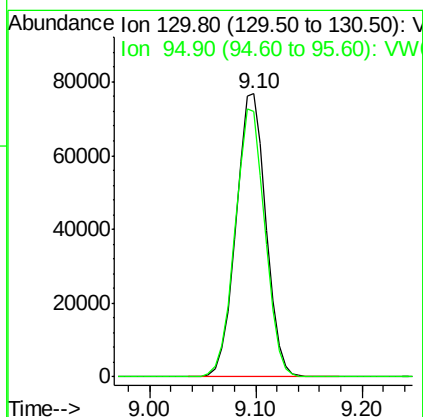
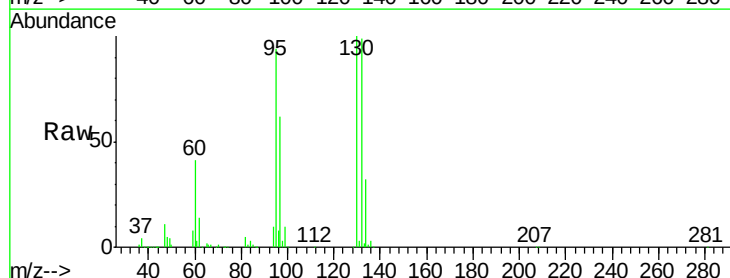
RT: 9.10 min Scan# 1232

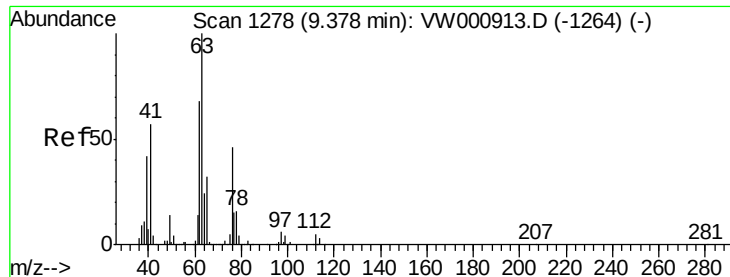
Delta R.T. 0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Tgt Ion:	130	Resp:	151473
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	190.4





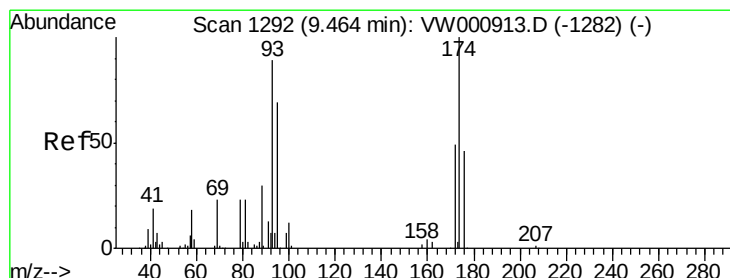
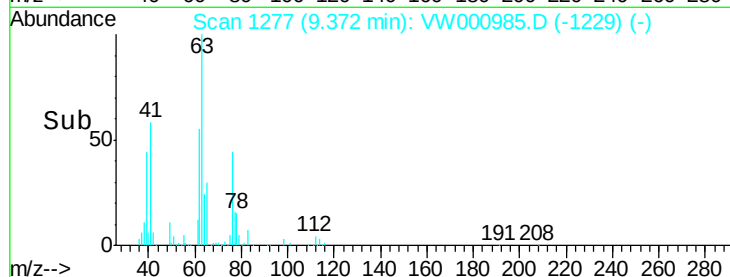
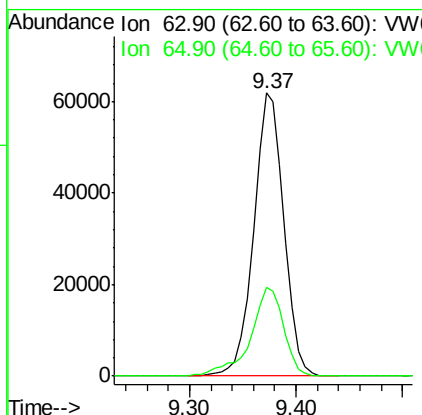
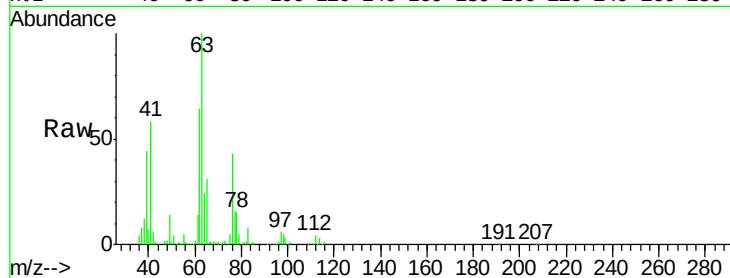
#45
 1,2-Dichloropropane
 Concen: 54.95 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.2	37.8

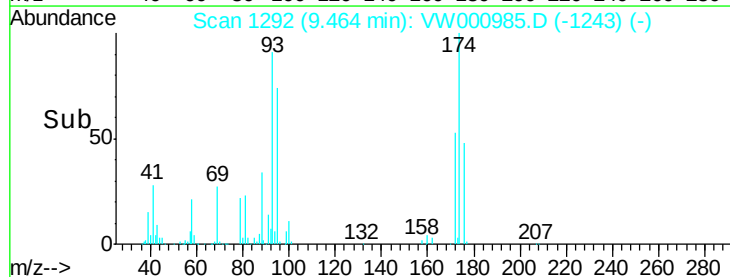
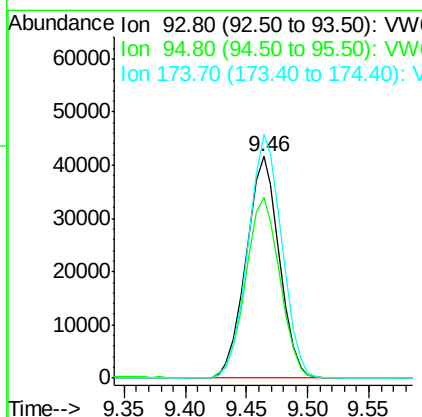
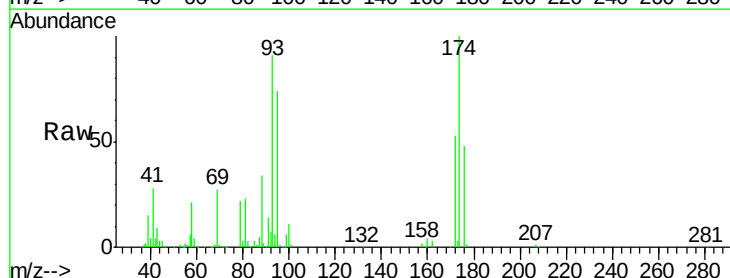
Manual Integrations
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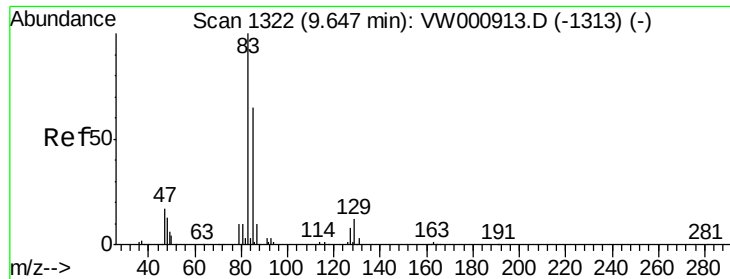
MMMadoda
 1/25/2018 1:34:03 PM



#46
 Dibromomethane
 Concen: 55.35 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	65.8	98.6
174	112.1	89.0	133.6





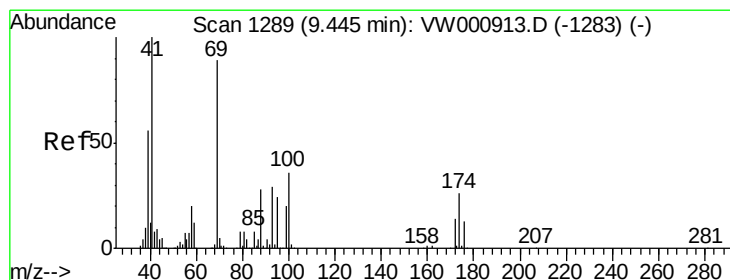
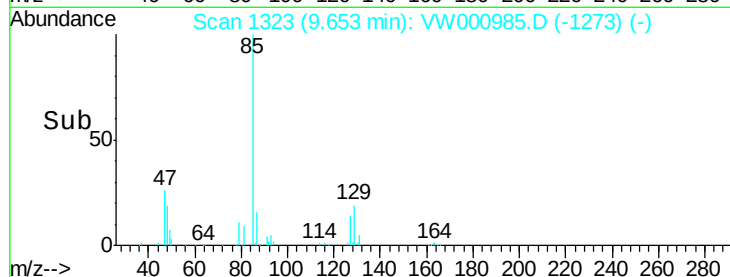
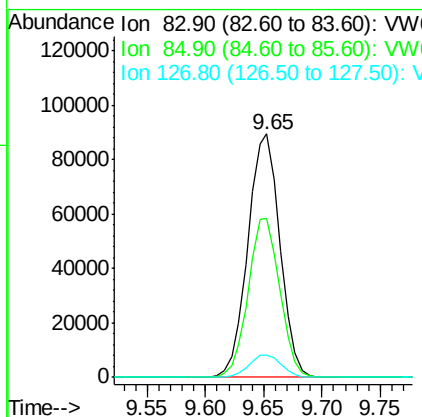
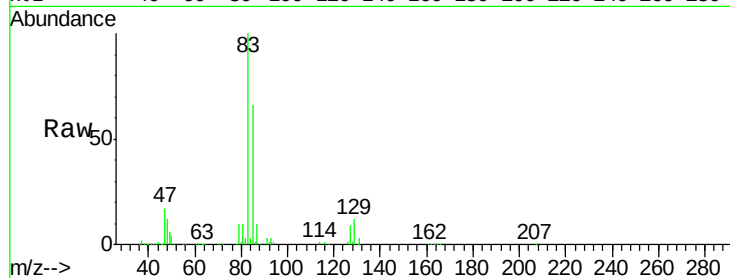
#47
Bromodichloromethane
Concen: 54.88 ug/l
RT: 9.65 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.0	78.0
127	9.3	6.8	10.2

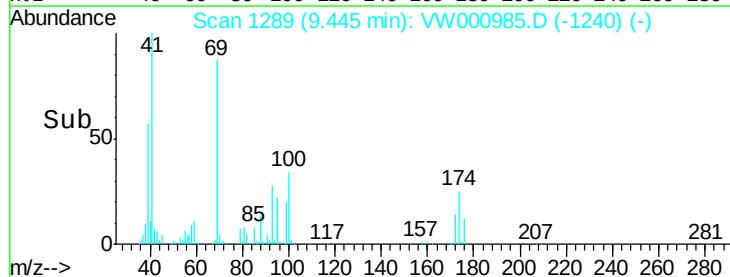
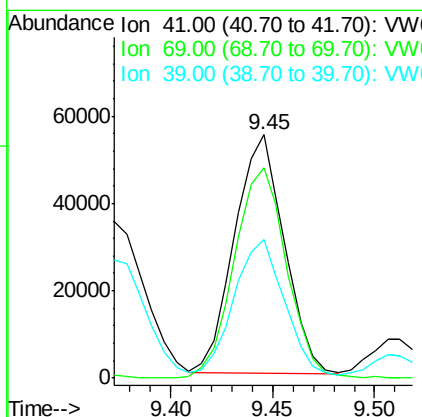
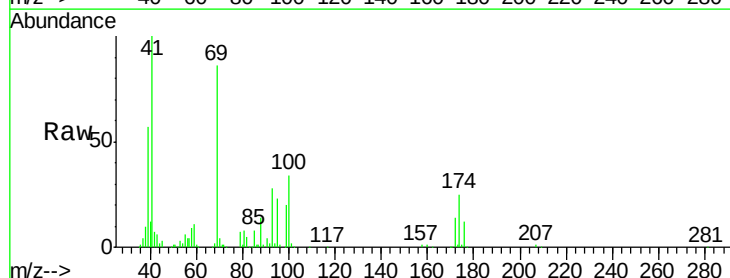
Manual Integrations
APPROVED

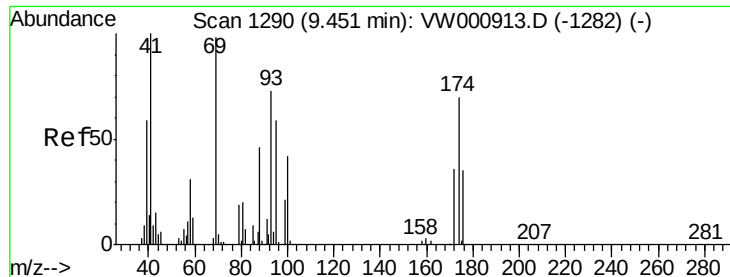
MMDadoda
1/25/2018 1:34:03 PM



#48
Methyl methacrylate
Concen: 57.59 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.1	72.9	109.3
39	60.2	48.4	72.6





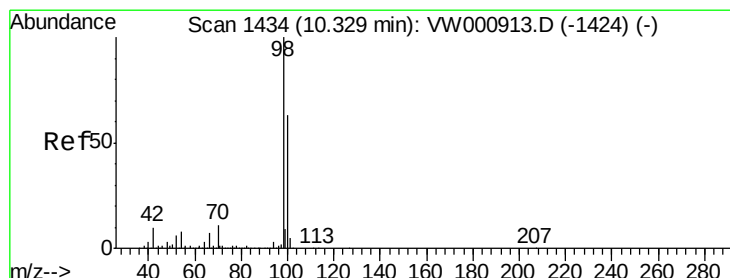
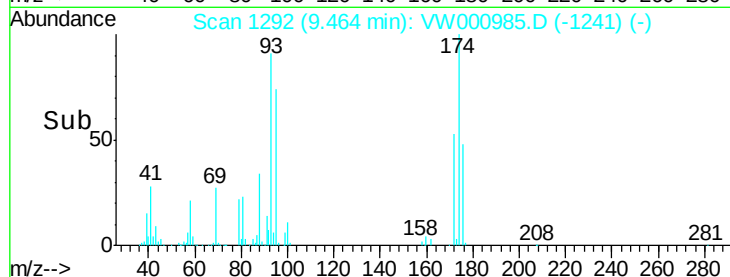
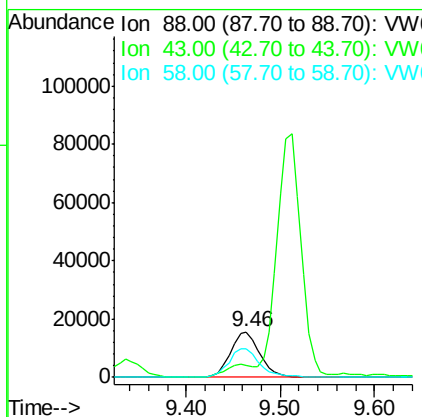
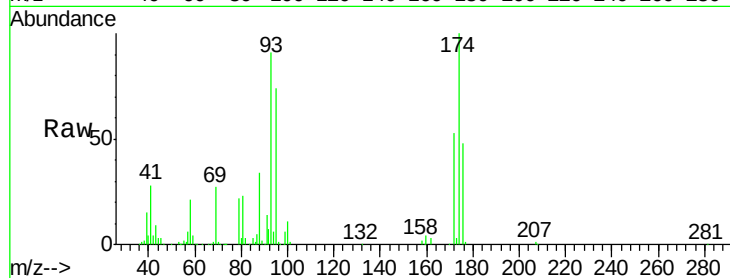
#49
1,4-Dioxane
Concen: 1088.74 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	24.5	36.7
58	67.6	54.7	82.1

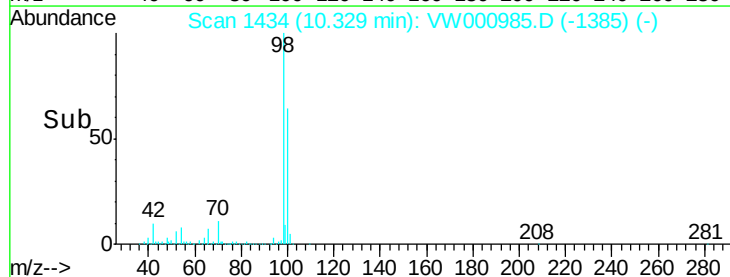
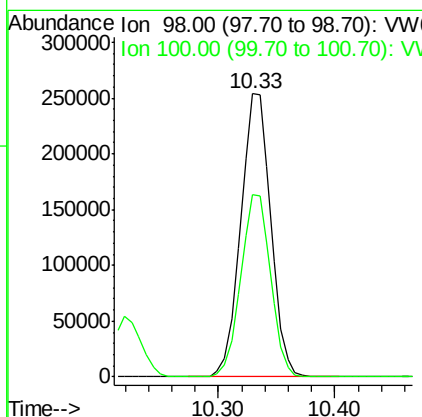
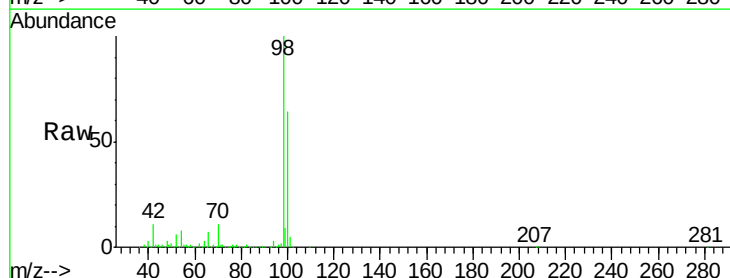
Manual Integrations
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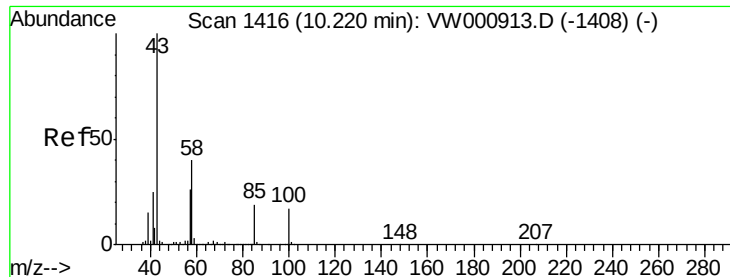
MM Dadoda
1/25/2018 1:34:03 PM



#50
Toluene-d8
Concen: 51.54 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2





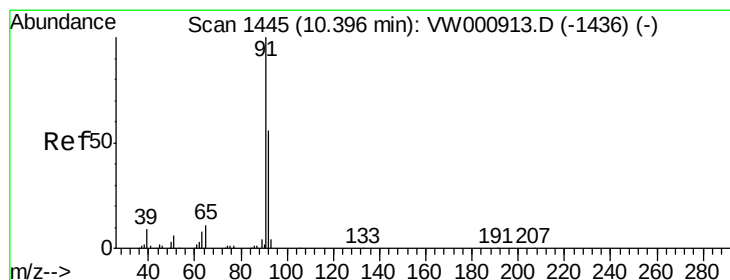
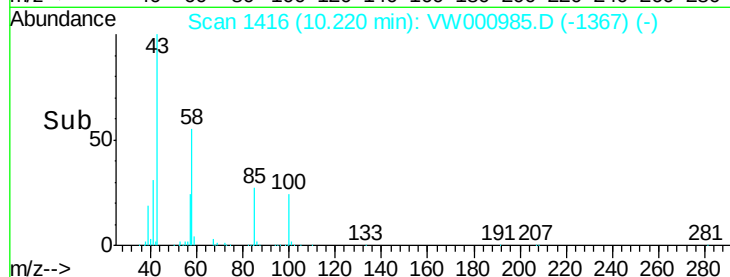
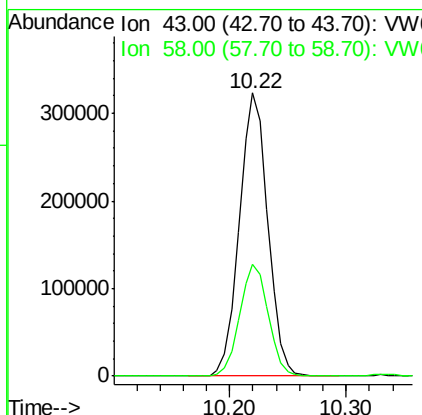
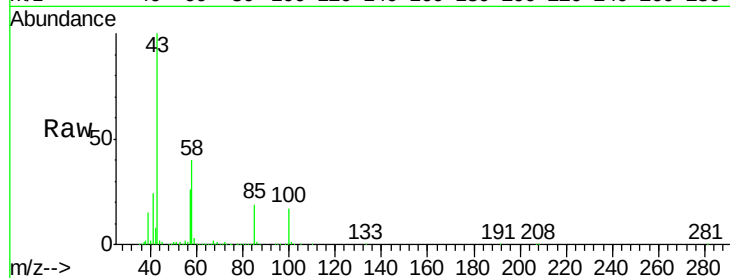
#51
4-Methyl-2-Pentanone
Concen: 285.37 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.0	48.0

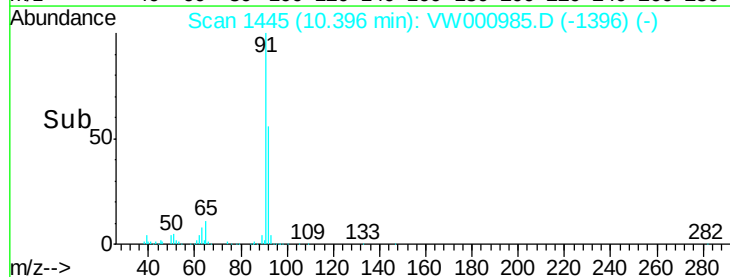
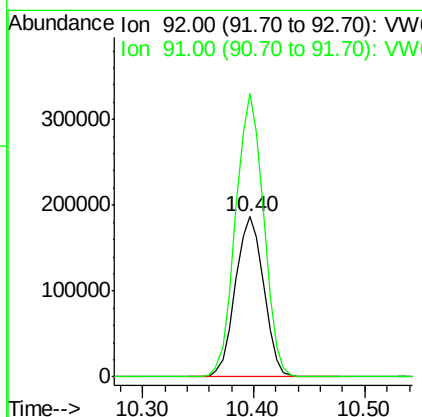
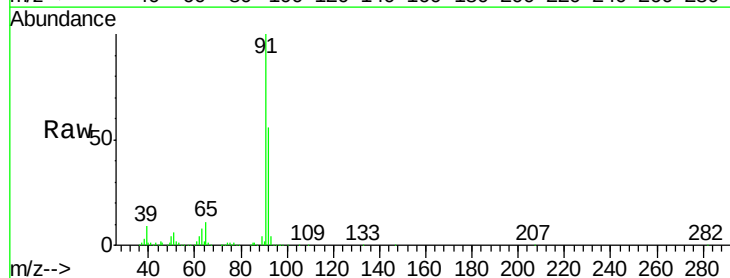
Manual Integrations
APPROVED

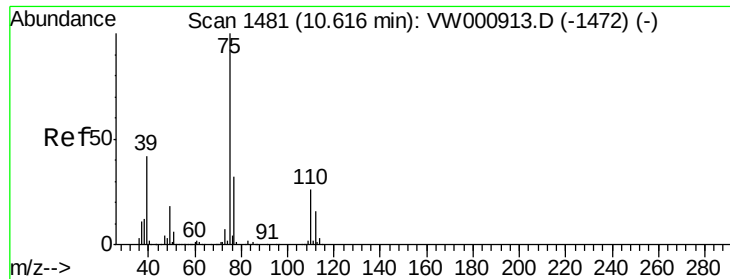
MMDadoda
1/25/2018 1:34:03 PM



#52
Toluene
Concen: 54.69 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.5	140.7	211.1





#53

t-1,3-Dichloropropene

Concen: 55.52 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 176496

Ion Ratio Lower Upper

75 100

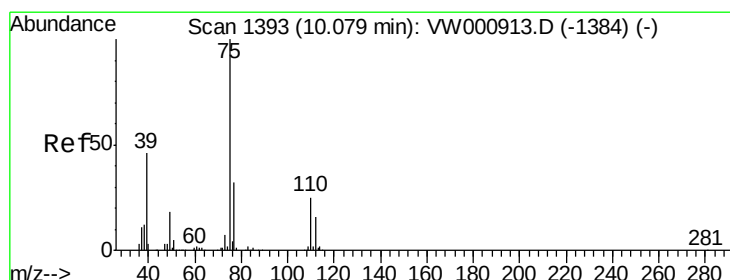
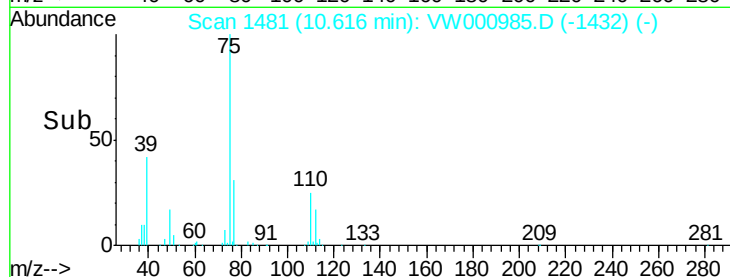
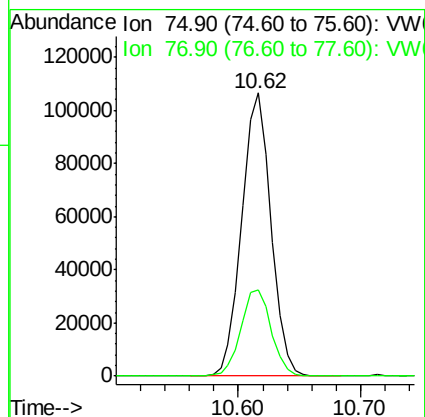
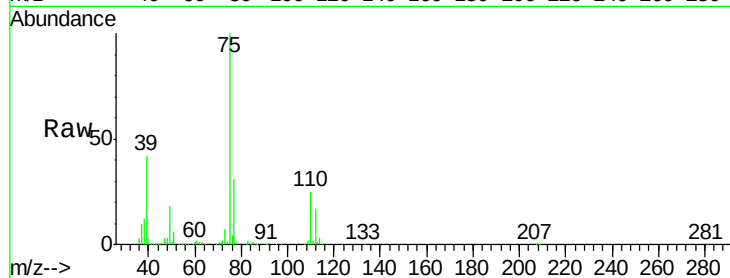
77 30.4 25.7 38.5

Manual Integrations

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MMDadoda

1/25/2018 1:34:03 PM



#54

cis-1,3-Dichloropropene

Concen: 54.51 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

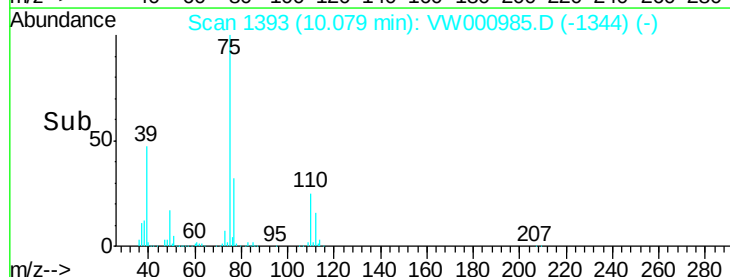
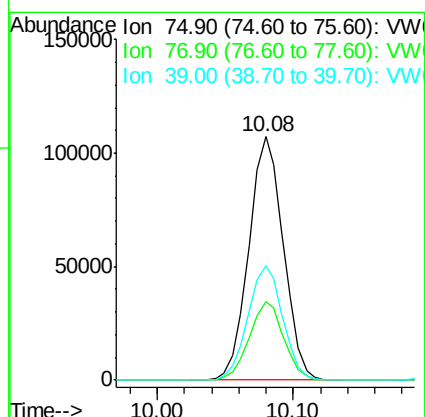
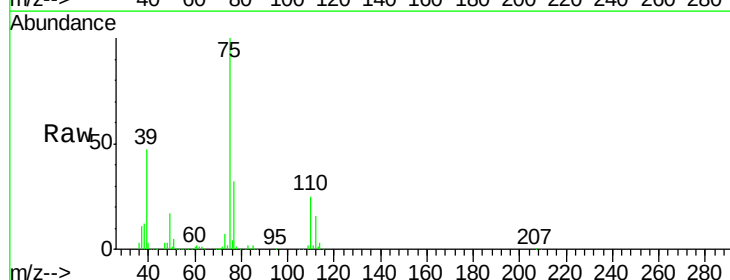
Tgt Ion: 75 Resp: 190624

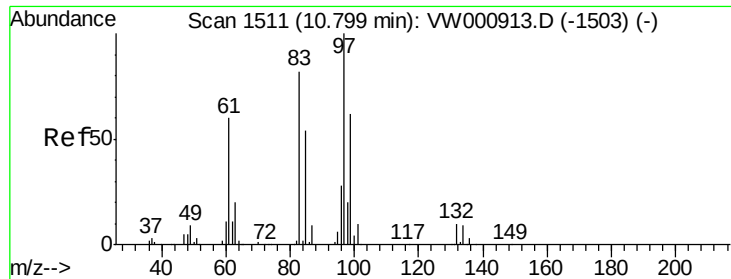
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 46.6 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 55.40 ug/l

RT: 10.80 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

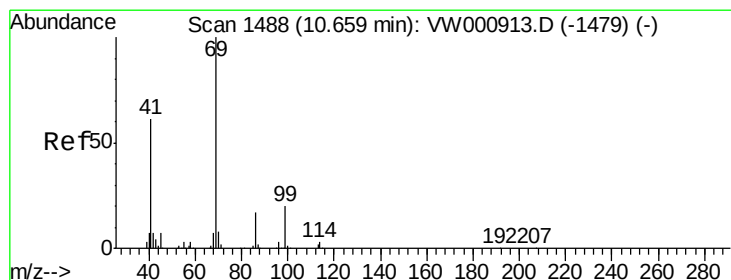
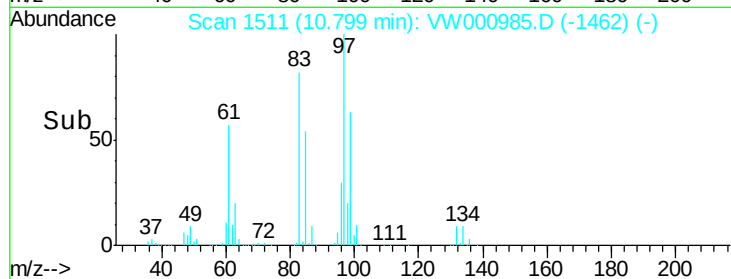
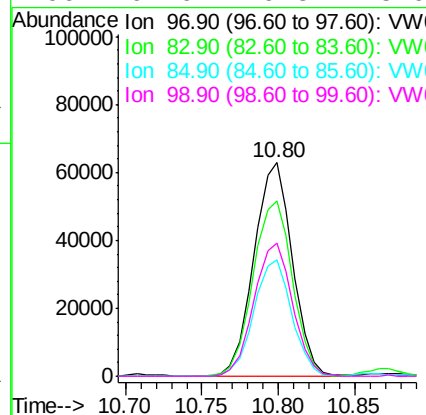
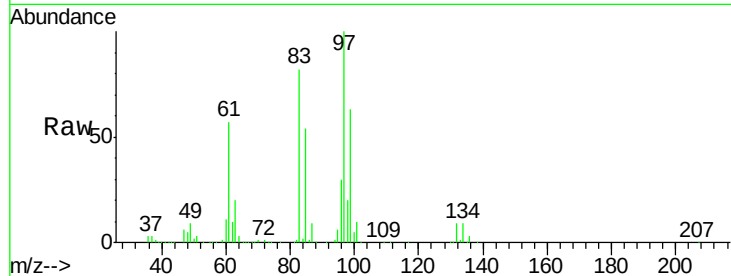
ClientSampleId :

VSTDCCC050EC

Tot Ion	97	Resp	109759
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.2	97.8
85	54.3	43.1	64.7
99	62.6	49.3	73.9

Manual Integrations
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1/25/2018 1:34:03 PM



#56

Ethyl methacrylate

Concen: 53.86 ug/l

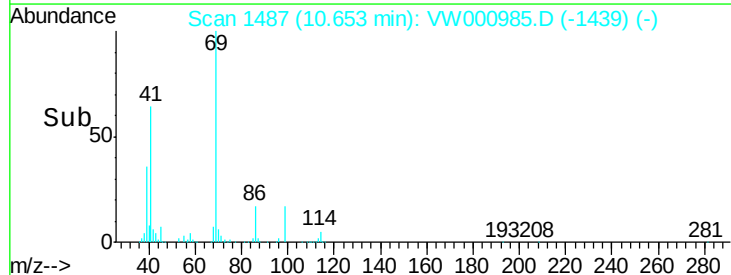
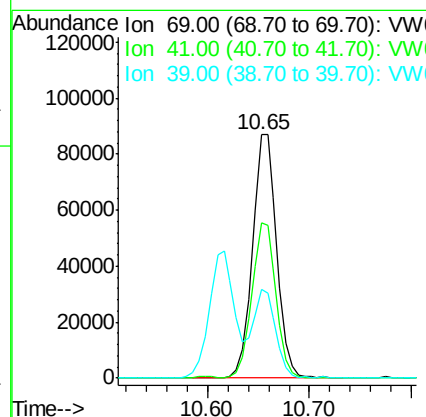
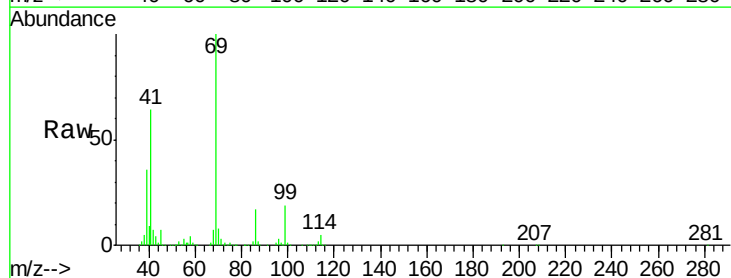
RT: 10.65 min Scan# 1487

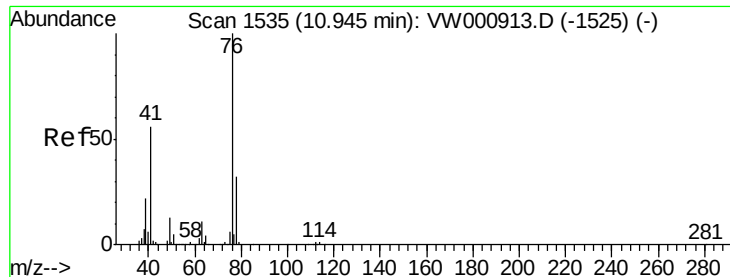
Delta R.T. -0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Tgt Ion	69	Resp	143895
Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.3	75.5
39	34.7	28.6	42.8





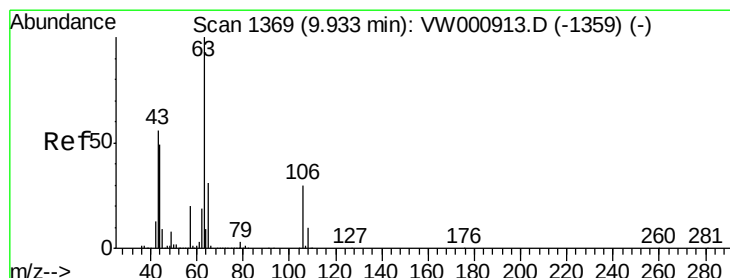
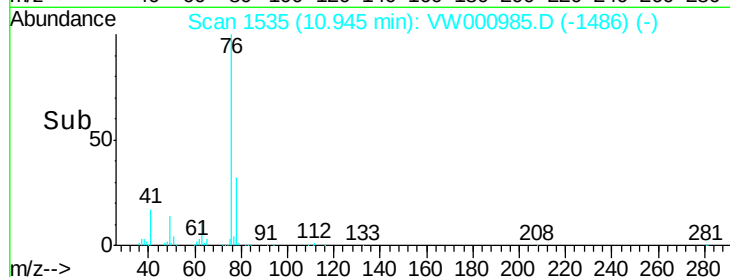
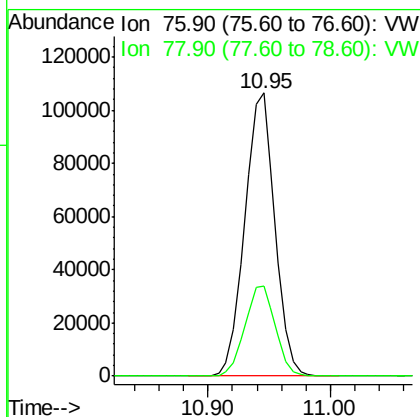
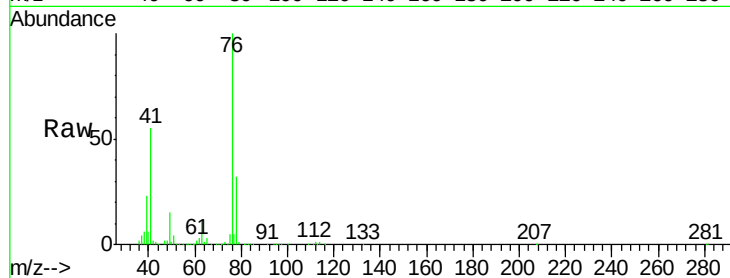
#57
 1,3-Dichloropropane
 Concen: 56.16 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 181685
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

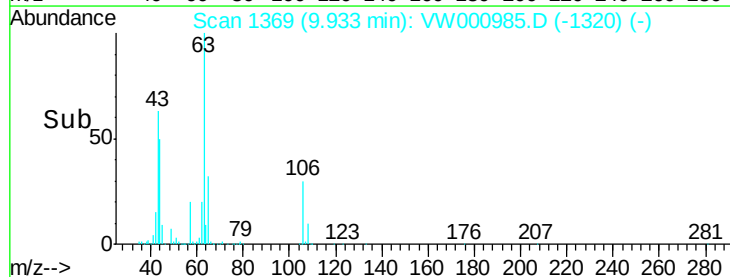
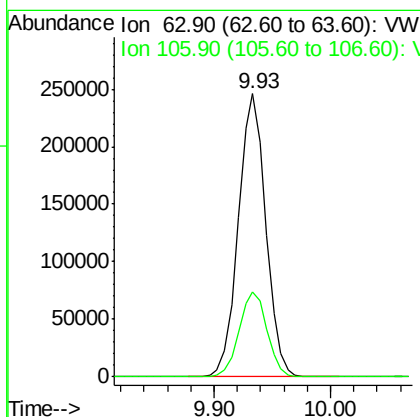
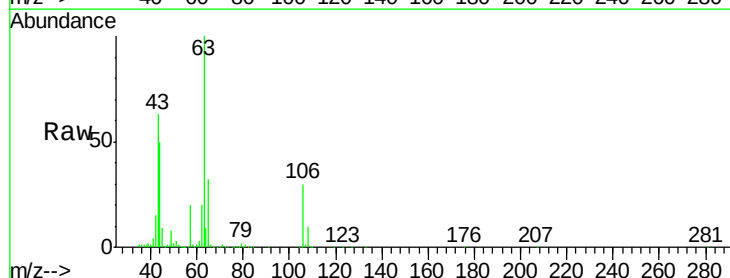
Manual Integrations
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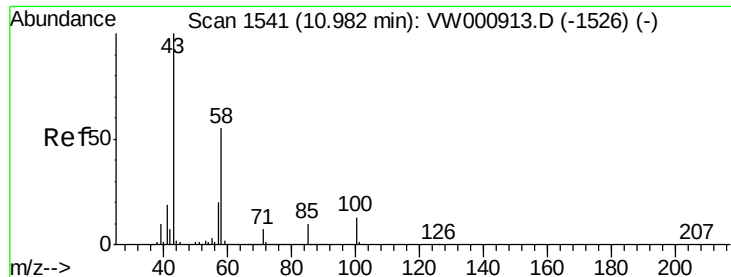
MM Dadoda
 1/25/2018 1:34:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.62 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Tgt Ion: 63 Resp: 403664
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.8 35.8





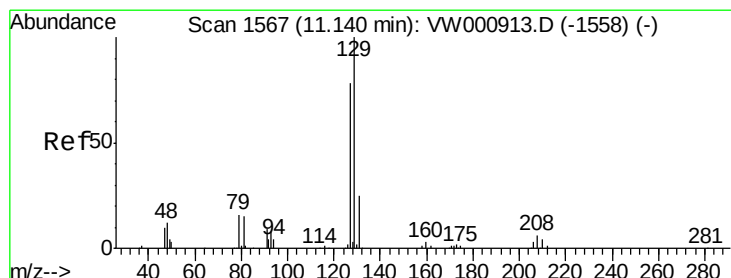
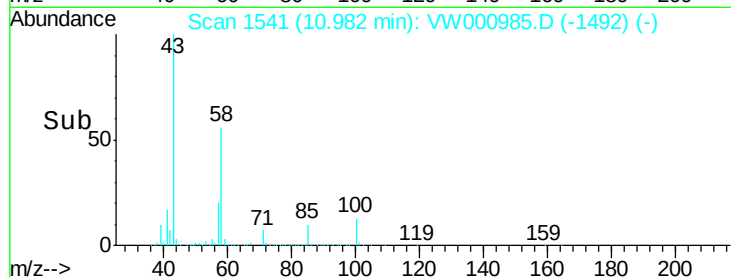
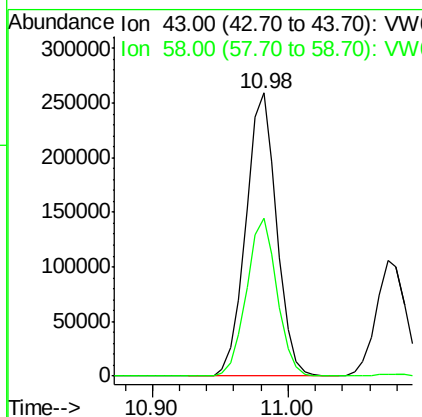
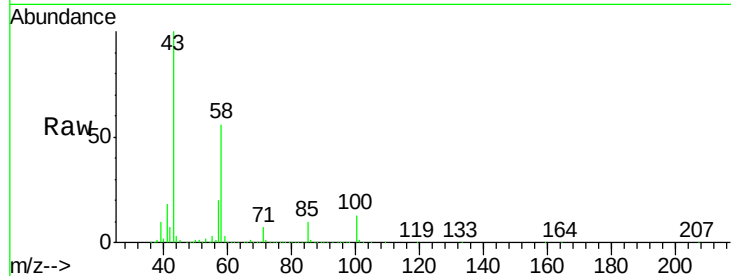
#59
2-Hexanone
Concen: 242.02 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 409237
Ion Ratio Lower Upper
43 100
58 55.5 27.4 82.2

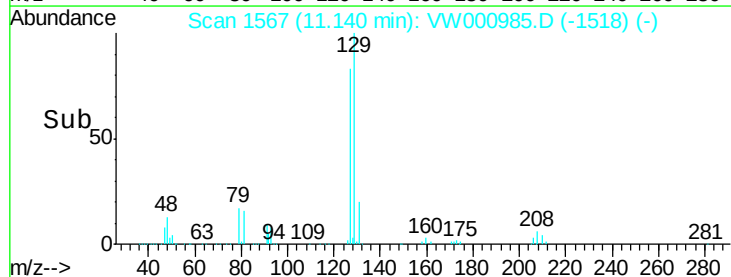
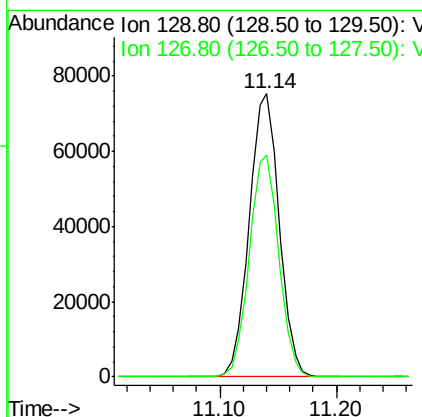
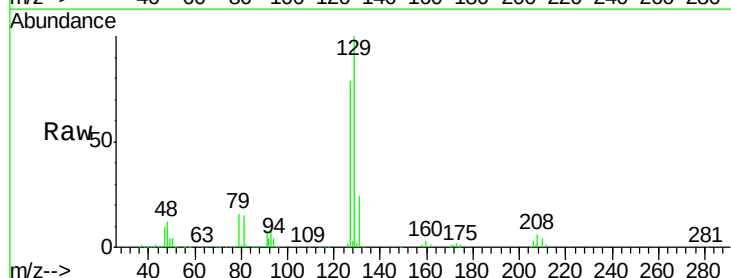
Manual Integrations
APPROVED

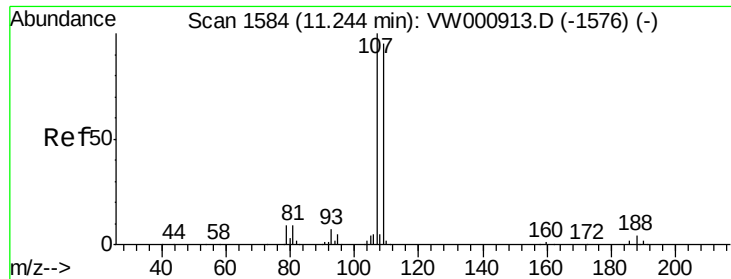
MMDadoda
1/25/2018 1:34:03 PM



#60
Dibromochloromethane
Concen: 56.48 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion: 129 Resp: 135142
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





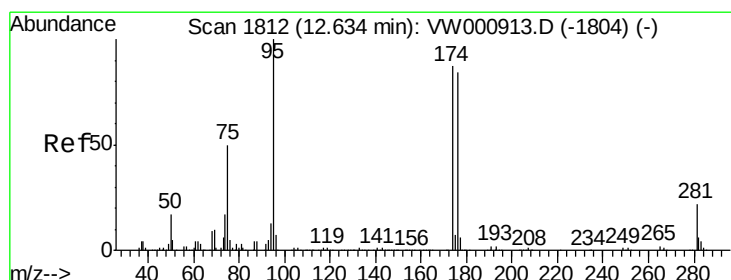
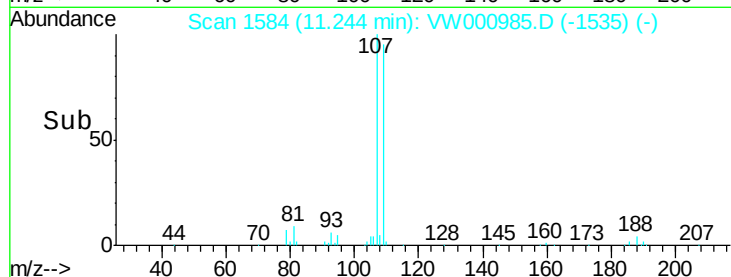
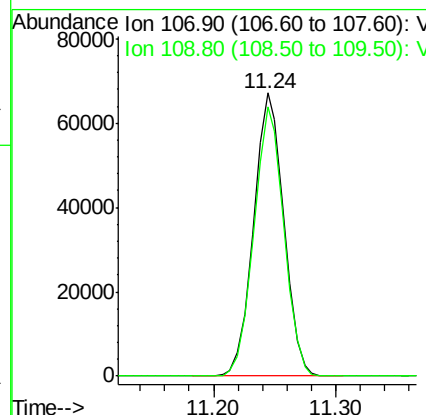
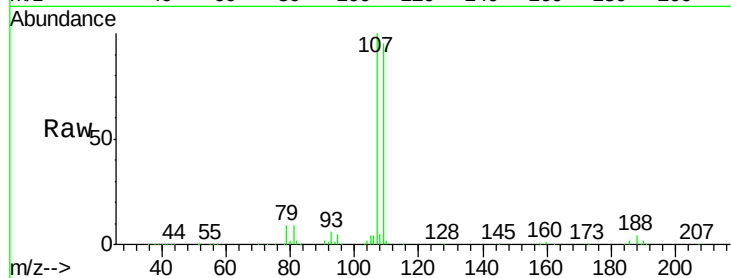
#61
 1,2-Dibromoethane
 Concen: 55.83 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	115238		
109	94.6	76.0	114.0	

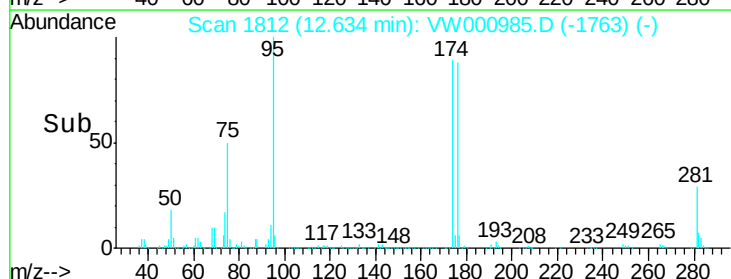
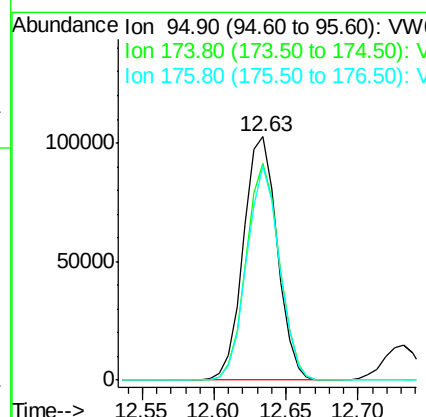
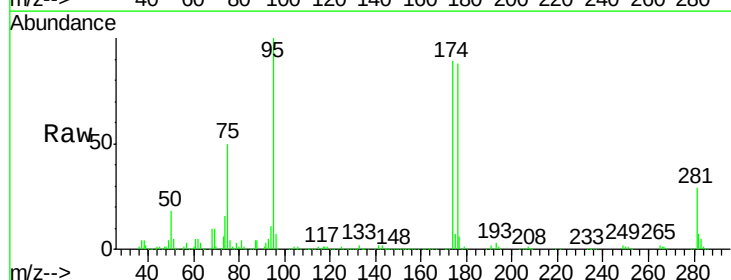
Manual Integrations
 APPROVED

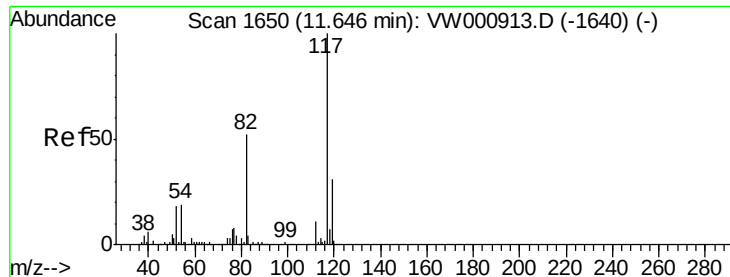
MMDadoda
 1/25/2018 1:34:03 PM



#62
 4-Bromofluorobenzene
 Concen: 51.60 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	166499		
174	87.9	0.0	176.8	
176	85.2	0.0	171.8	





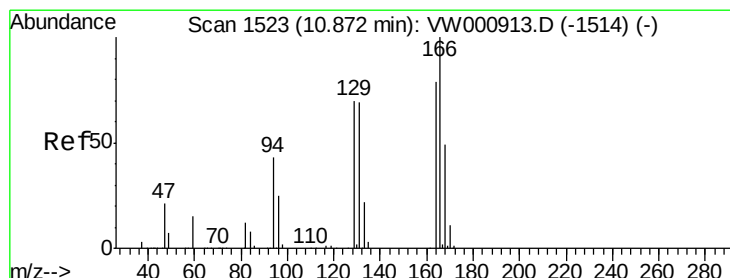
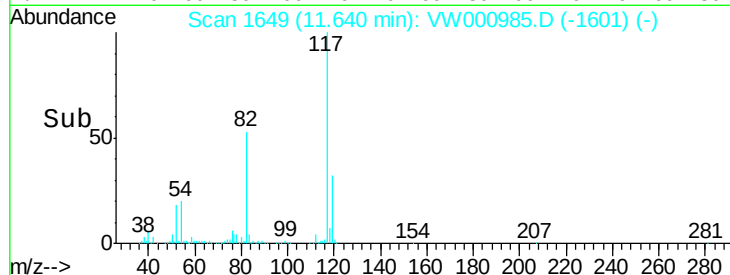
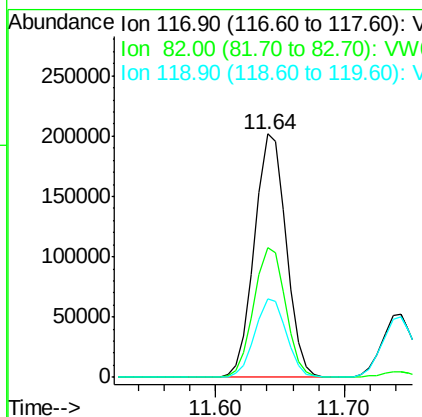
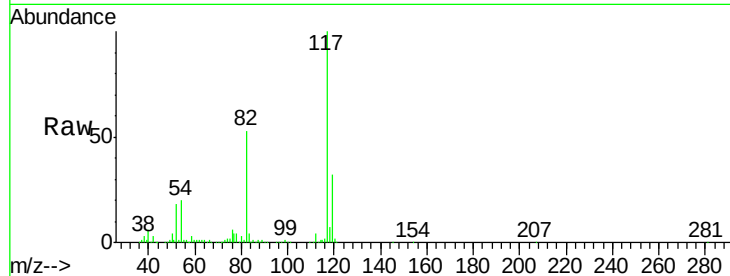
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.6
119	32.5	25.2	37.8

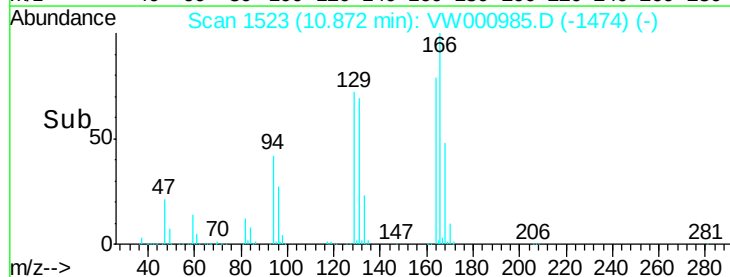
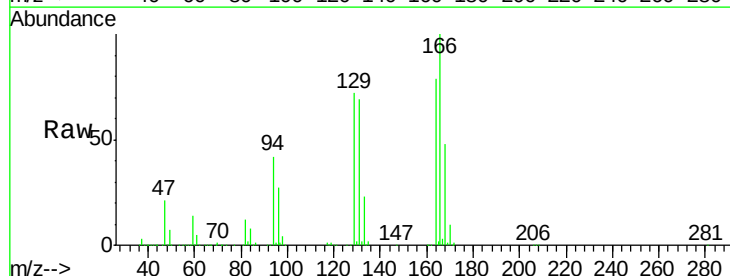
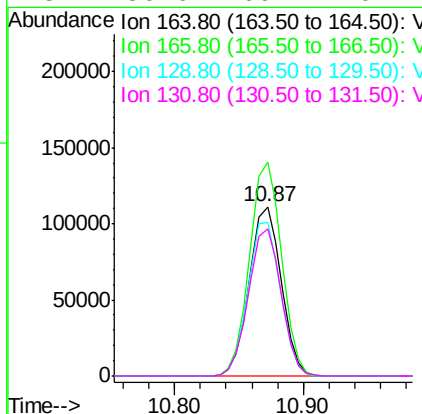
Manual Integrations
APPROVED

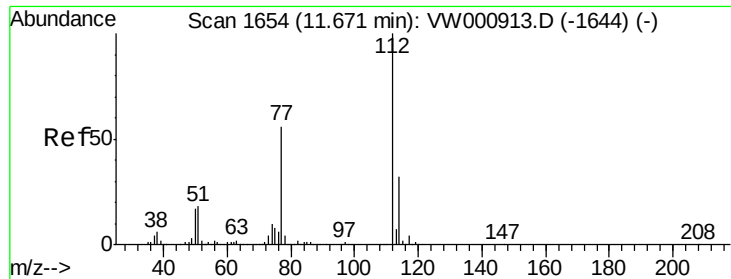
MMDadoda
1/25/2018 1:34:03 PM



#64
Tetrachloroethene
Concen: 67.15 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	100.9	151.3
129	90.9	70.5	105.7
131	86.6	69.4	104.2





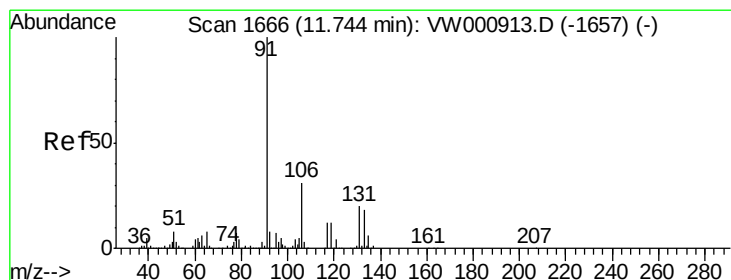
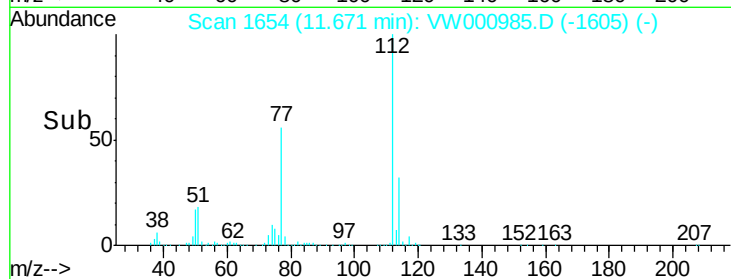
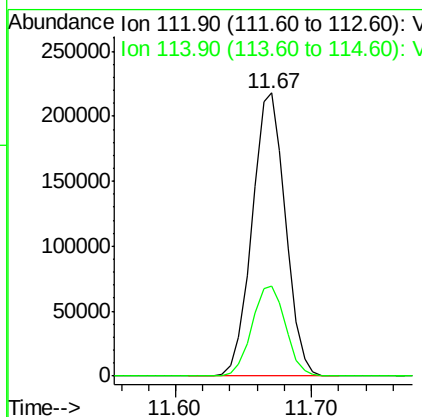
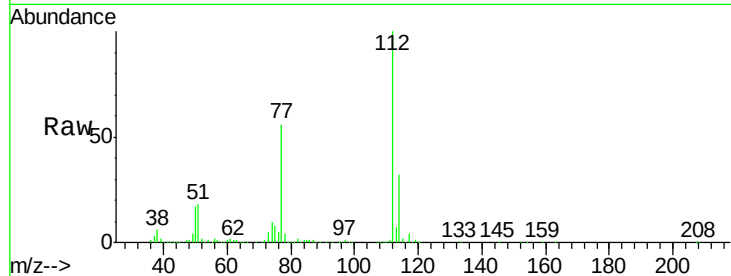
#65
Chlorobenzene
Concen: 53.27 ug/l
RT: 11.67 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.8	38.6

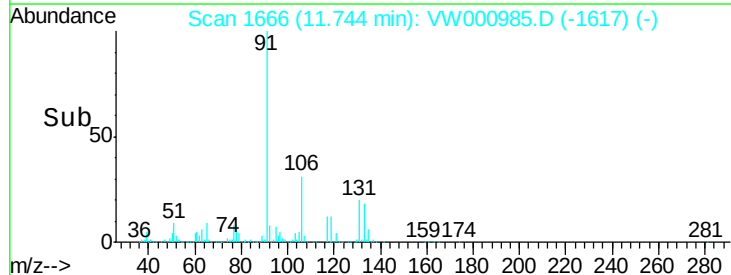
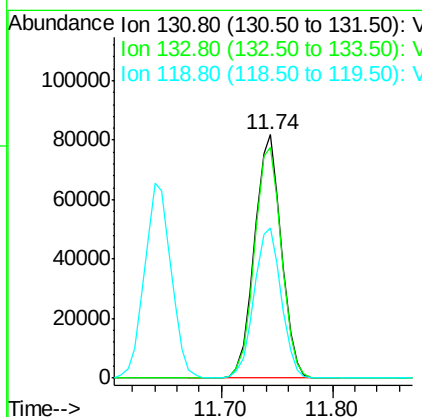
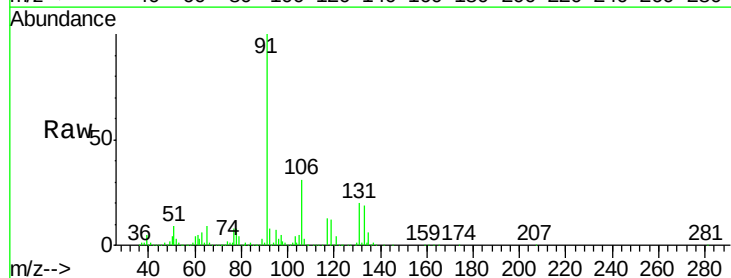
Manual Integrations
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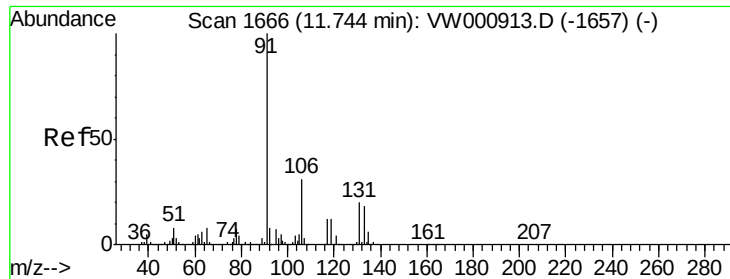
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.38 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	142.0
119	62.8	31.6	94.7





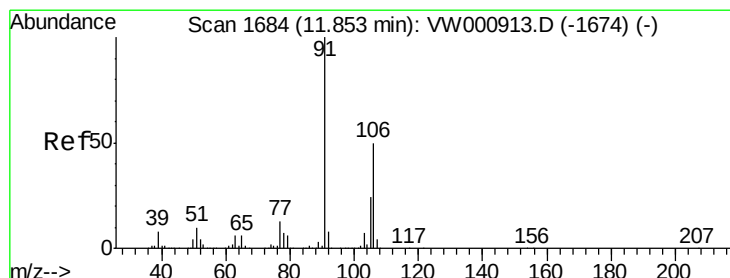
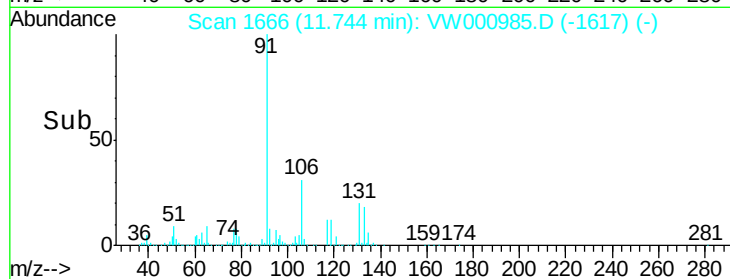
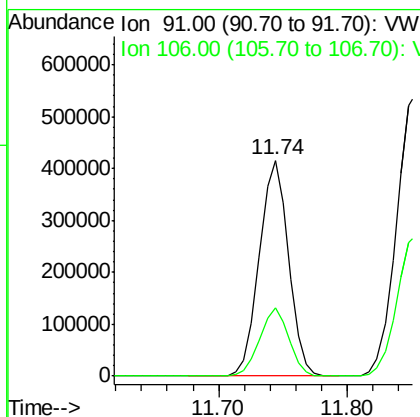
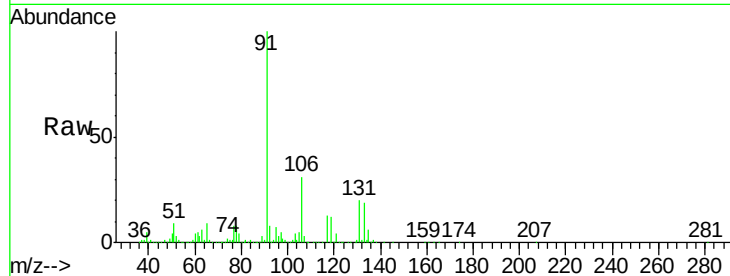
#67
Ethyl Benzene
Concen: 54.85 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 650689
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

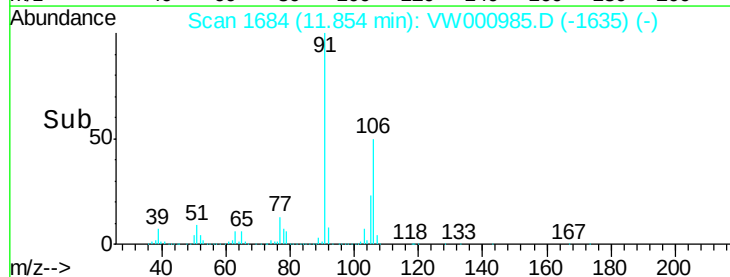
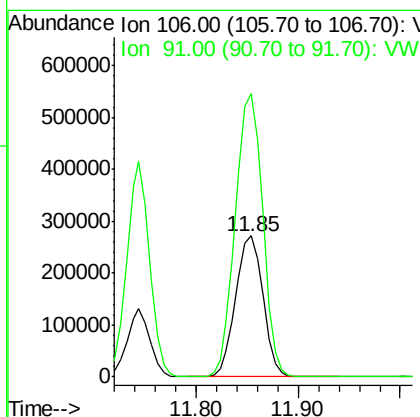
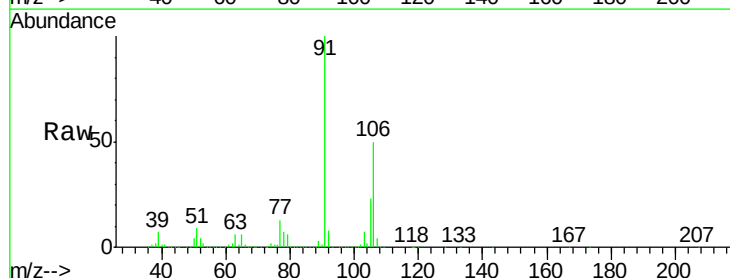
Manual Integrations
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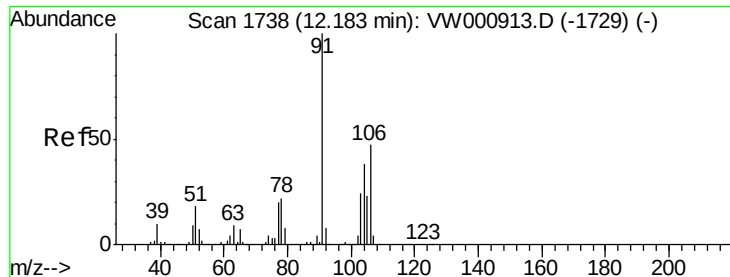
MMDadoda
1/25/2018 1:34:03 PM



#68
m/p-Xylenes
Concen: 109.07 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion: 106 Resp: 502929
Ion Ratio Lower Upper
106 100
91 201.8 161.9 242.9





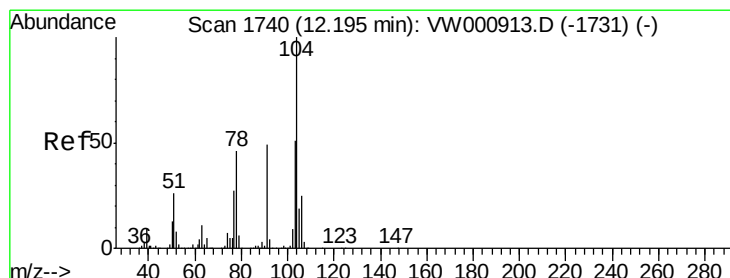
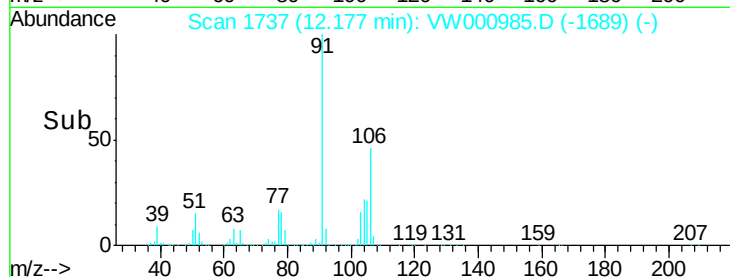
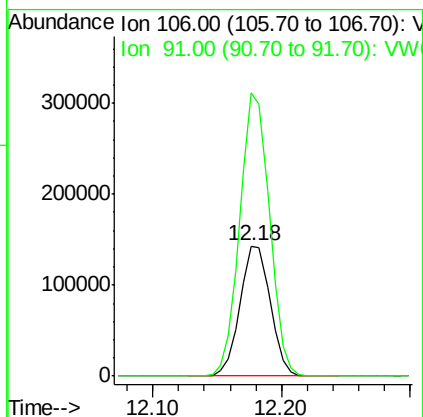
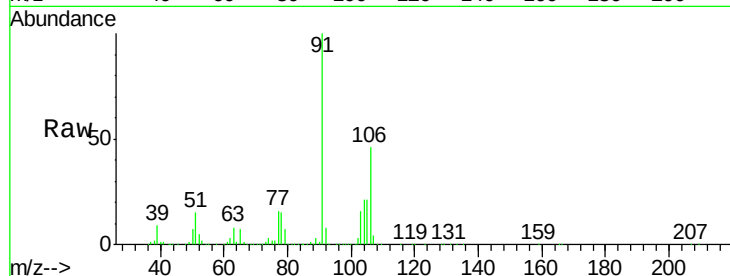
#69
o-Xylene
Concen: 55.14 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.5	106.3	318.8

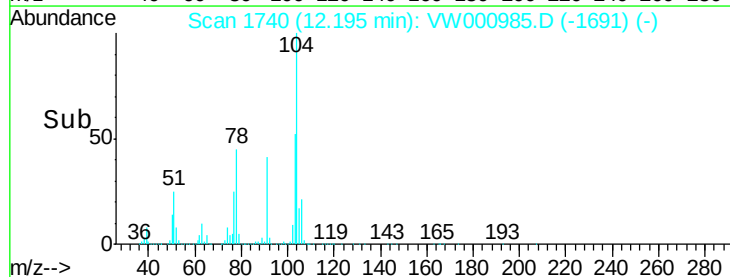
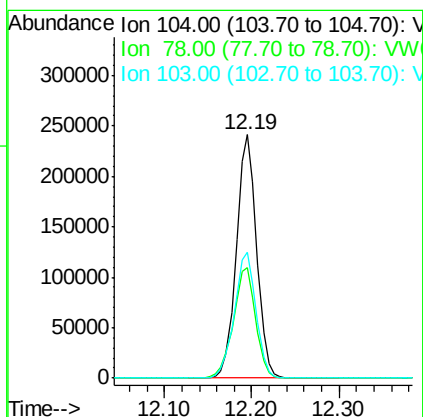
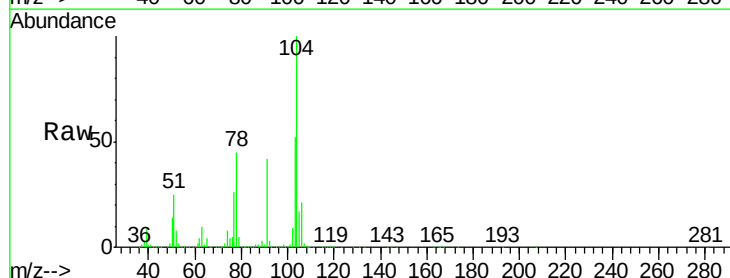
Manual Integrations
APPROVED

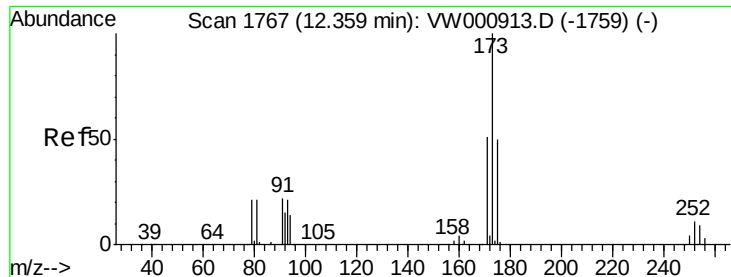
MMDadoda
1/25/2018 1:34:03 PM



#70
Styrene
Concen: 56.46 ug/l
RT: 12.19 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	40.1	60.1
103	55.7	44.6	66.8





#71

Bromoform

Concen: 54.21 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 92740

Ion Ratio Lower Upper

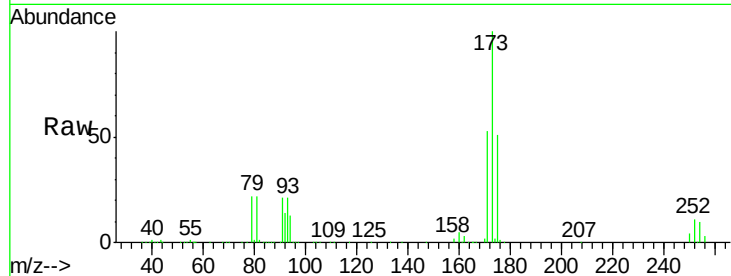
173 100

175 48.5 24.7 74.1

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

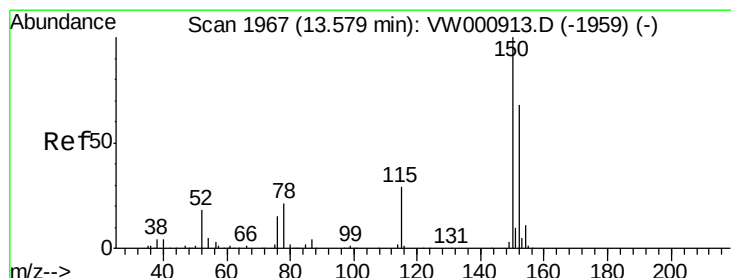
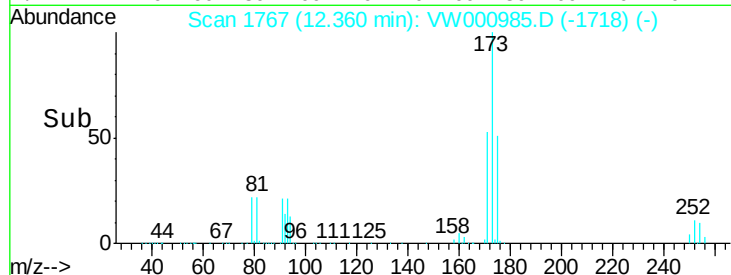
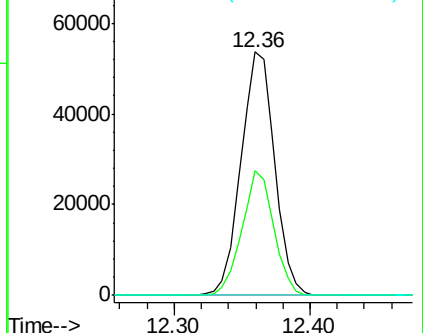
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Abundance Ion 172.70 (172.40 to 173.40): V

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. -0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

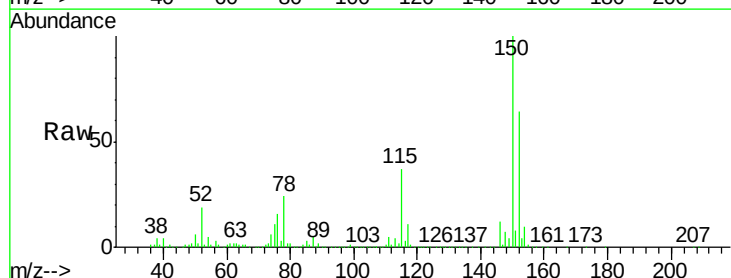
Tgt Ion:152 Resp: 179448

Ion Ratio Lower Upper

152 100

115 57.8 28.5 85.5

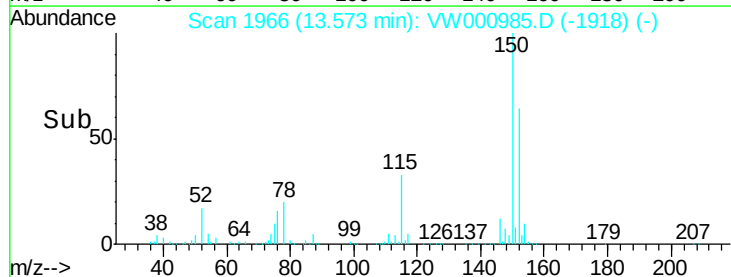
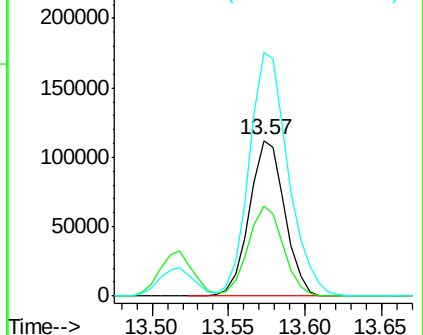
150 173.5 0.0 342.0

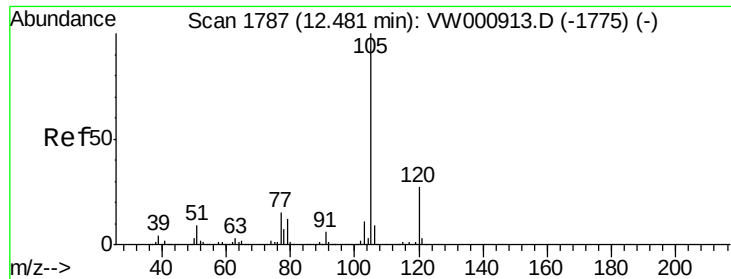


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.80 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 658570

Ion Ratio Lower Upper

105 100

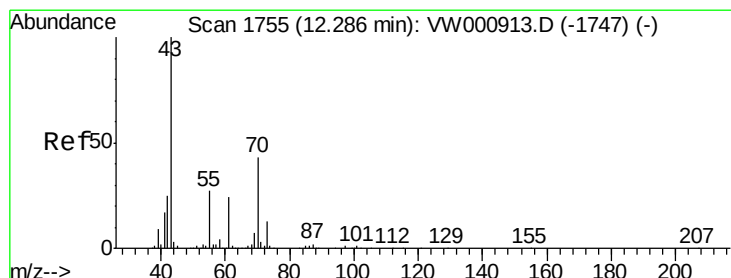
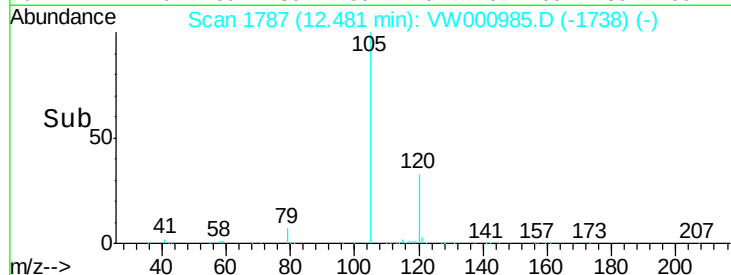
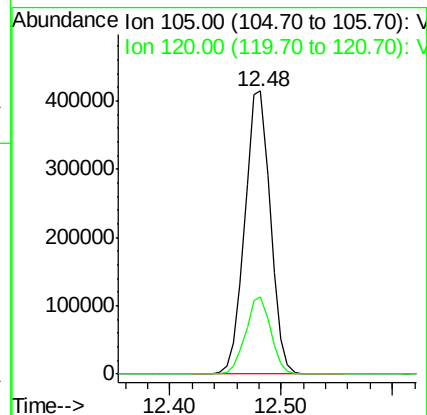
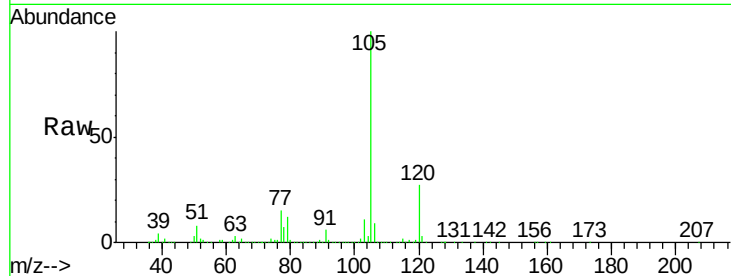
120 26.8 13.3 39.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 56.60 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Tgt Ion: 43 Resp: 159372

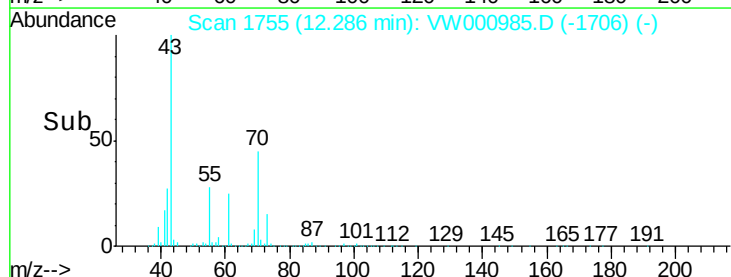
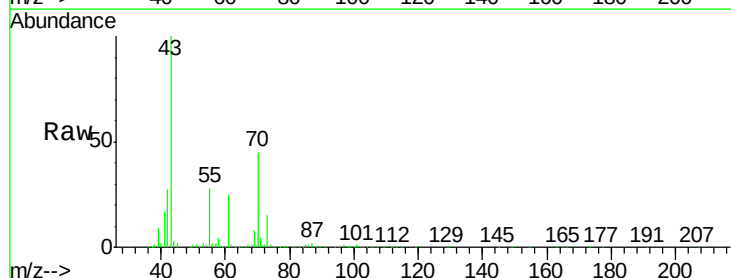
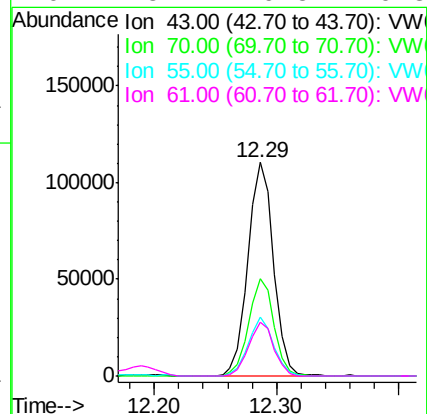
Ion Ratio Lower Upper

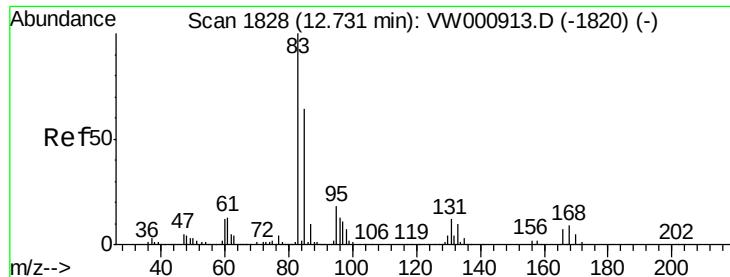
43 100

70 45.4 35.8 53.8

55 27.0 21.4 32.2

61 25.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 56.16 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

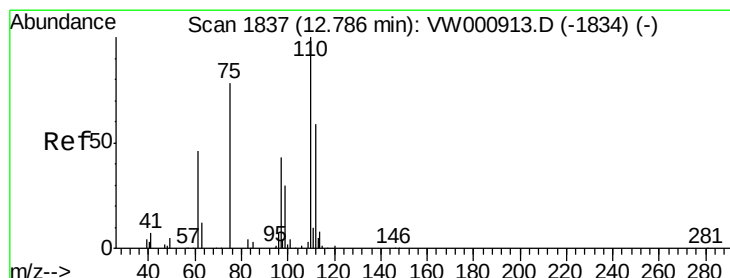
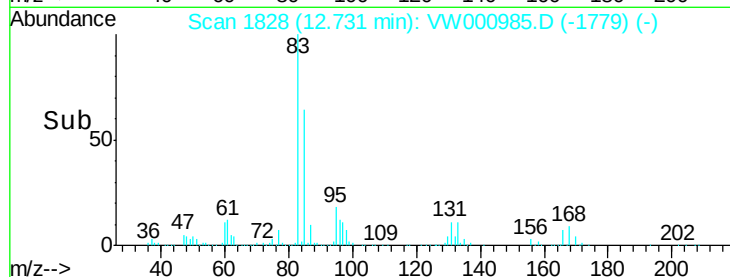
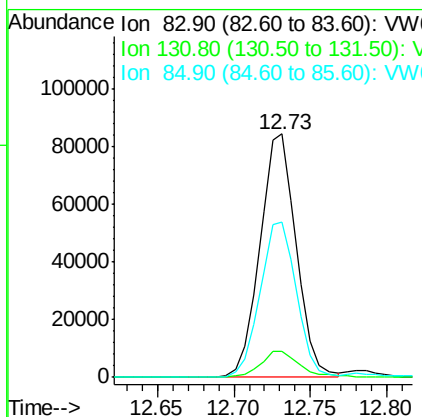
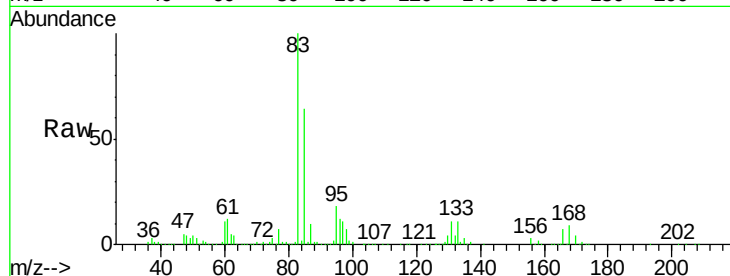
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	139176
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.7
85	64.4	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.40 ug/l m

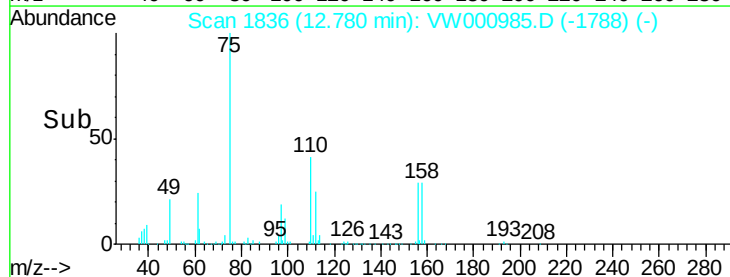
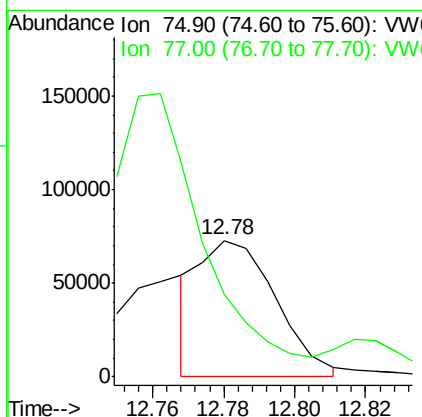
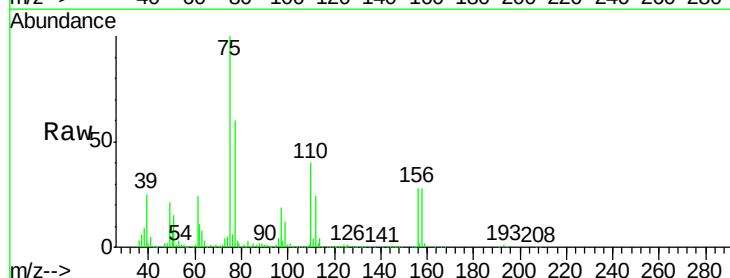
RT: 12.78 min Scan# 1836

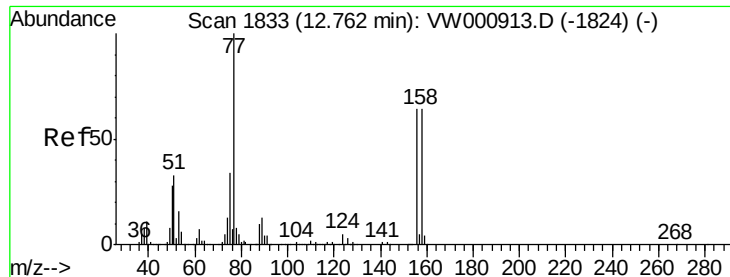
Delta R.T. -0.01 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Tgt Ion:	75	Resp:	108813
Ion Ratio	Lower	Upper	
75	100		
77	267.1	0.0	0.0#





#77

Bromobenzene

Concen: 55.48 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 163672

Ion Ratio Lower Upper

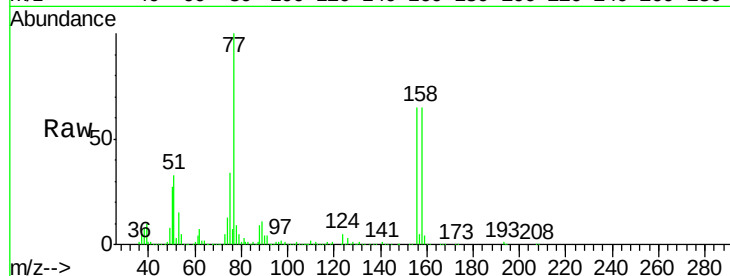
156 100

77 177.5 89.0 267.1

158 97.5 48.9 146.8

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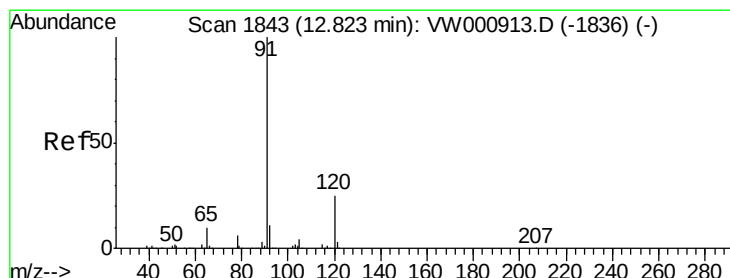
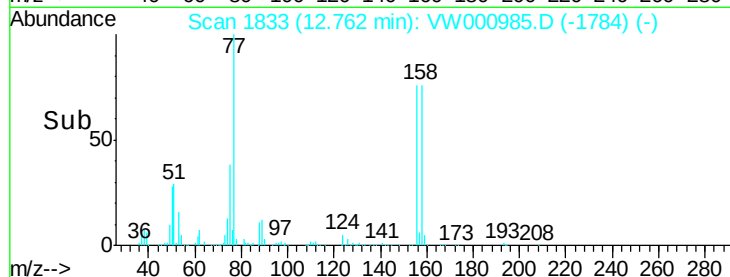
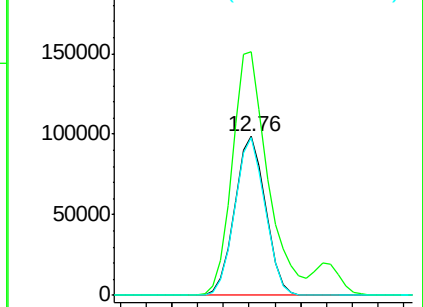
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.88 ug/l

RT: 12.82 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VW000985.D

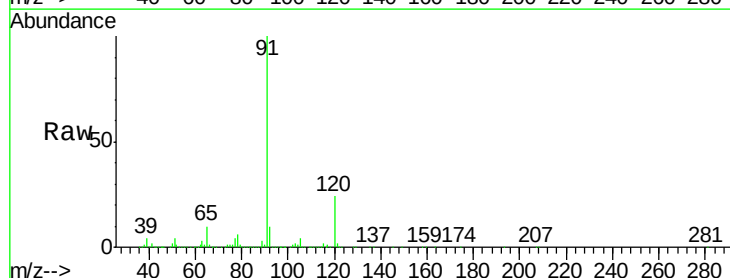
Acq: 25 Jan 2018 07:23

Tgt Ion: 91 Resp: 781667

Ion Ratio Lower Upper

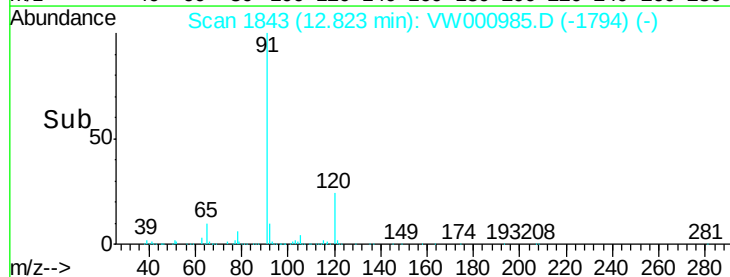
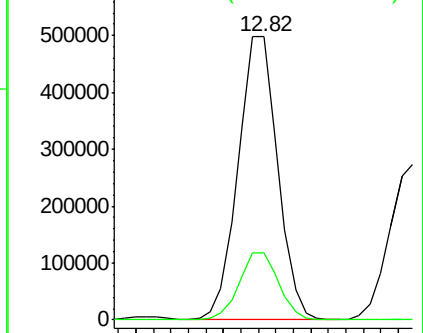
91 100

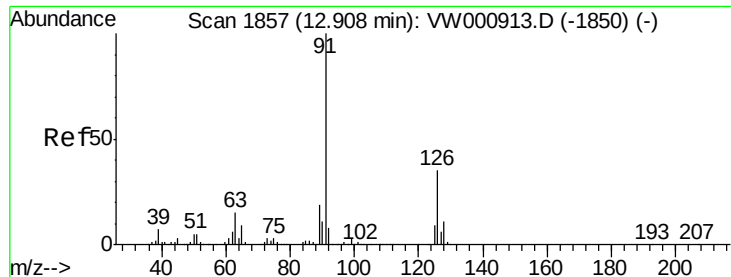
120 23.8 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.36 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 436924

Ion Ratio Lower Upper

91 100

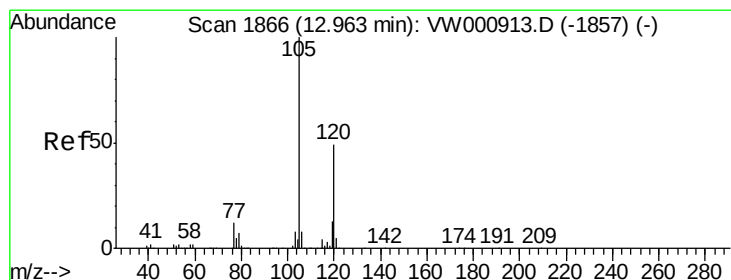
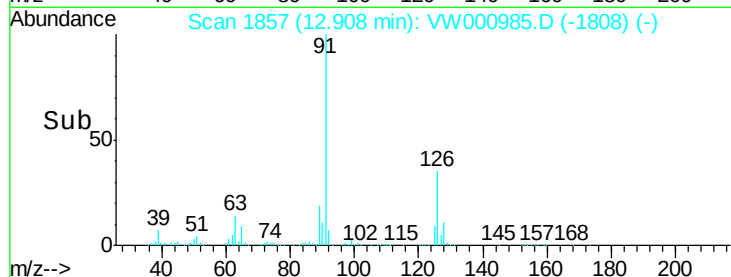
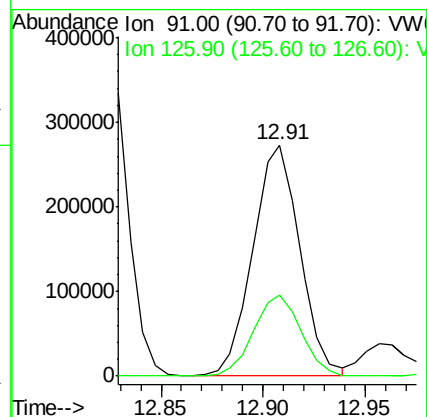
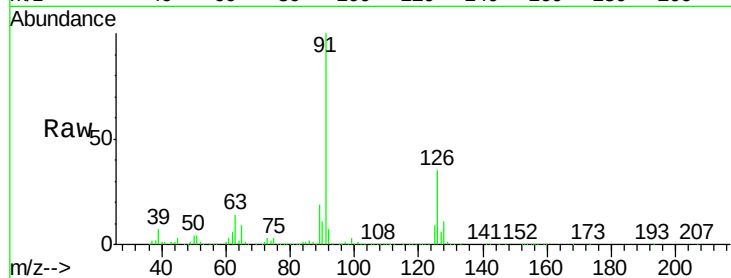
126 35.3 17.6 52.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 56.59 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.01 min

Lab File: VW000985.D

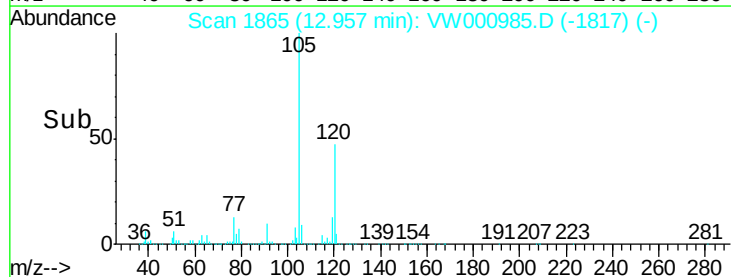
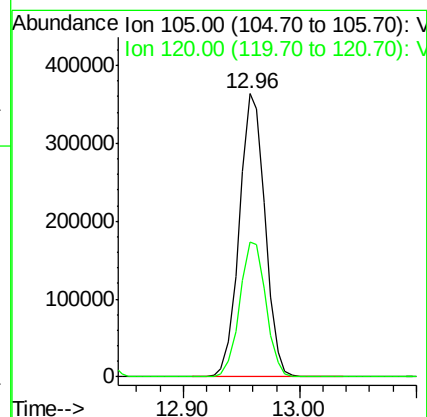
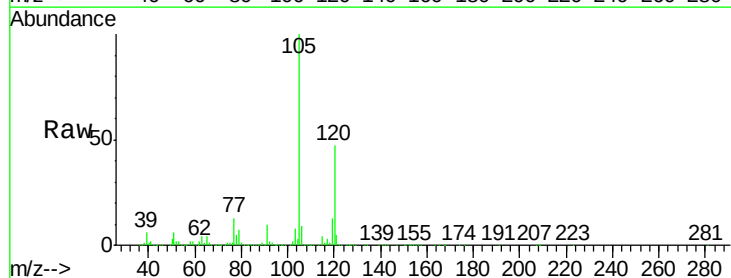
Acq: 25 Jan 2018 07:23

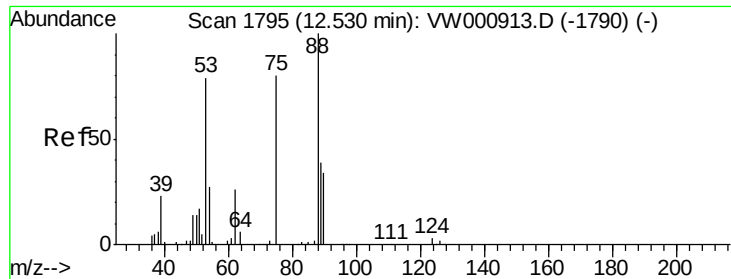
Tgt Ion: 105 Resp: 558256

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.9





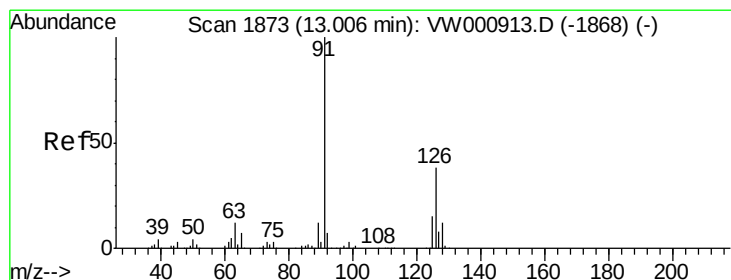
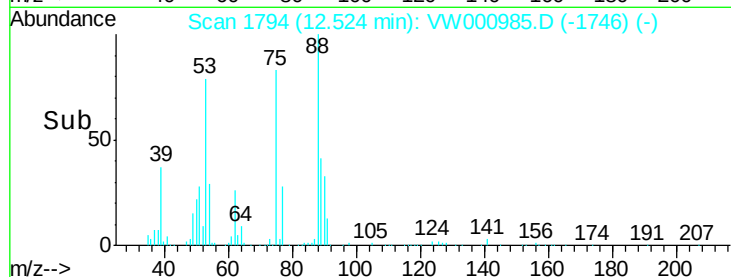
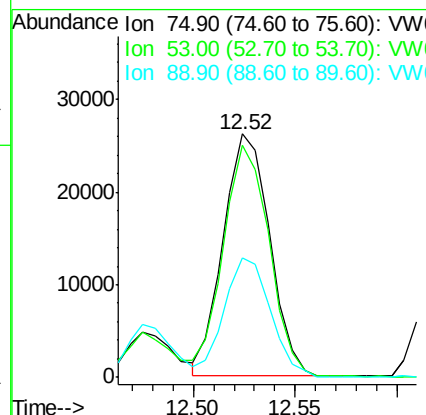
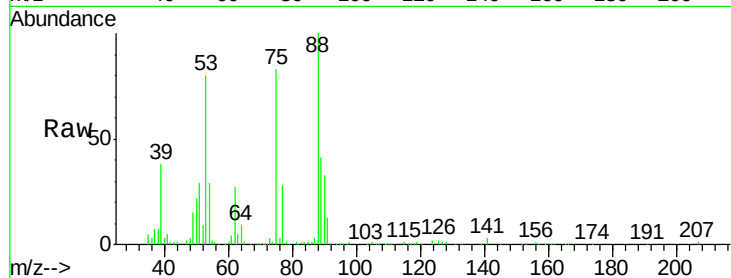
#81
trans-1,4-Dichloro-2-butene
Concen: 50.12 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	77.5	116.3
89	48.9	38.2	57.4

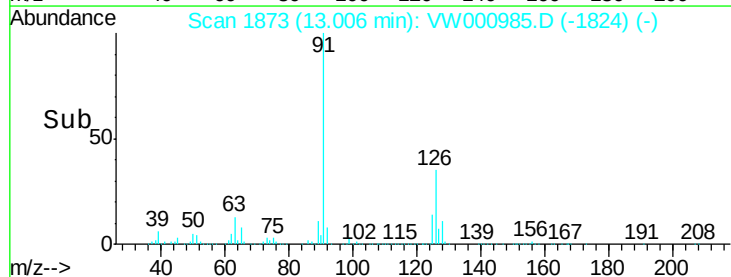
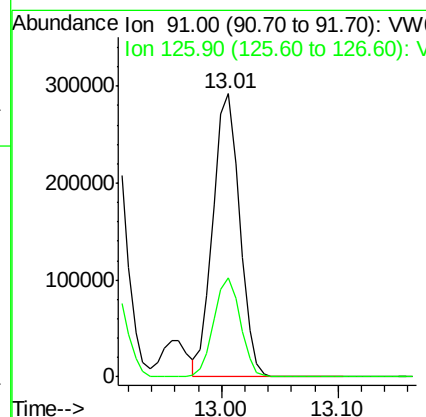
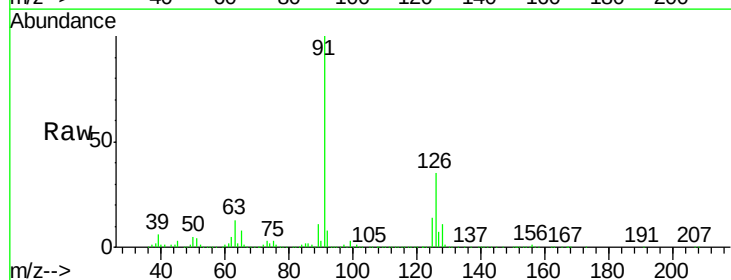
Manual Integrations
APPROVED

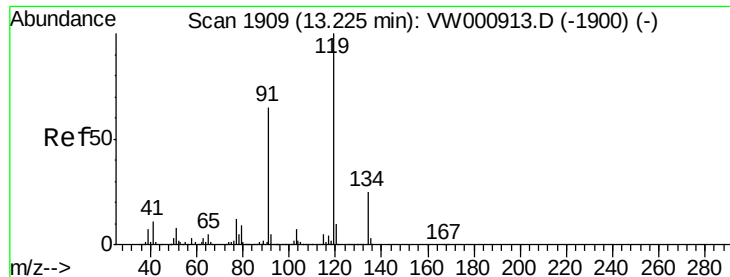
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#82
4-Chlorotoluene
Concen: 54.93 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.6	52.9





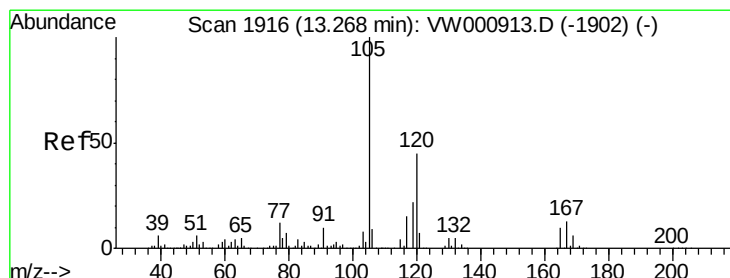
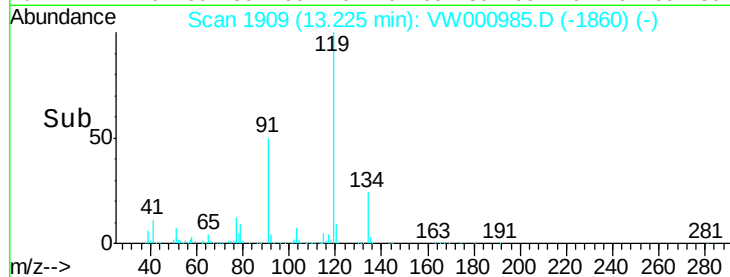
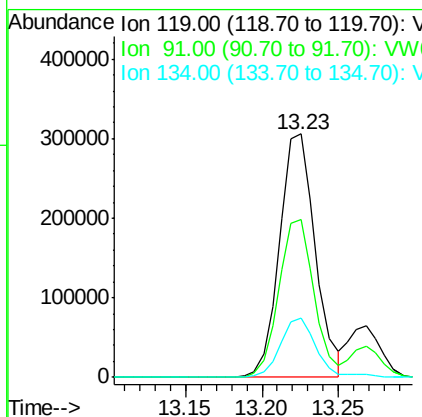
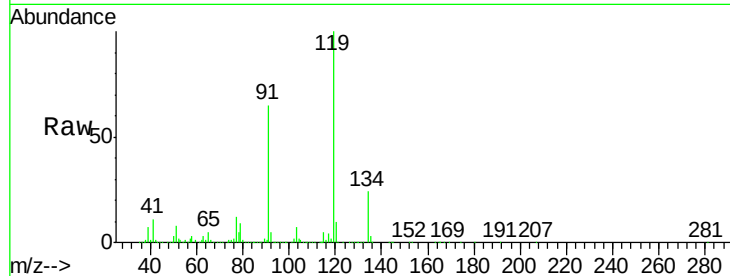
#83
tert-Butylbenzene
Concen: 57.35 ug/l
RT: 13.23 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.4	97.0
134	24.6	13.1	39.3

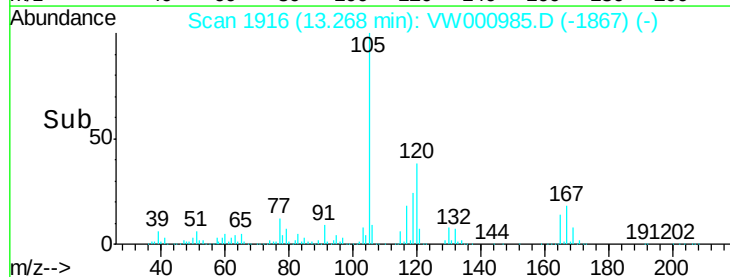
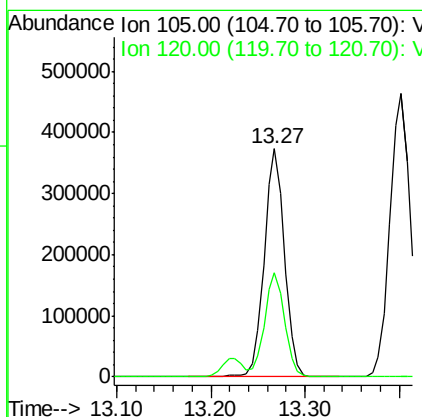
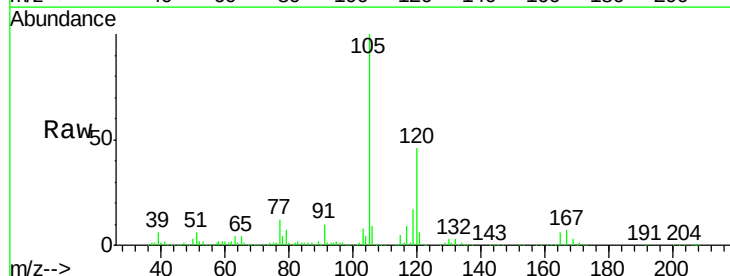
Manual Integrations
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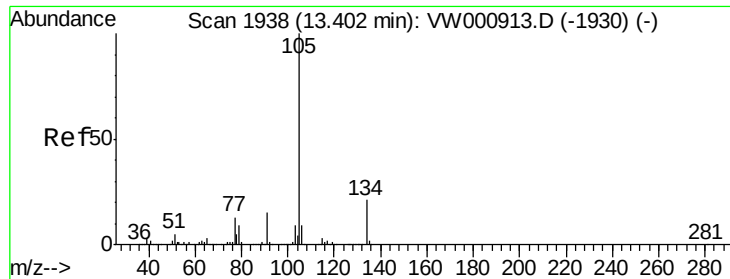
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#84
1,2,4-Trimethylbenzene
Concen: 56.67 ug/l
RT: 13.27 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.4	67.0





#85

sec-Butylbenzene

Concen: 56.16 ug/l

RT: 13.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 700515

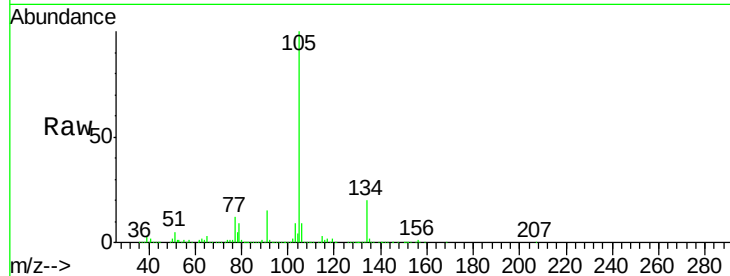
Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9

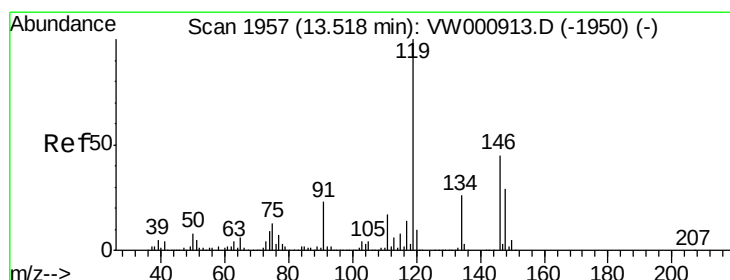
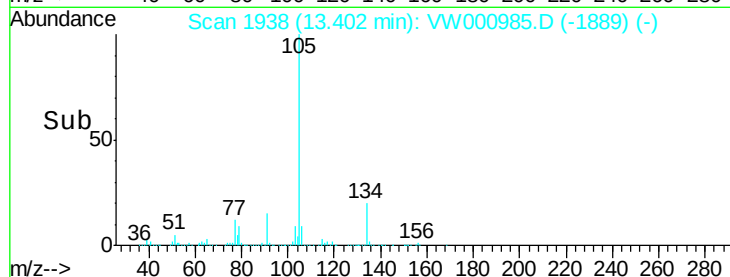
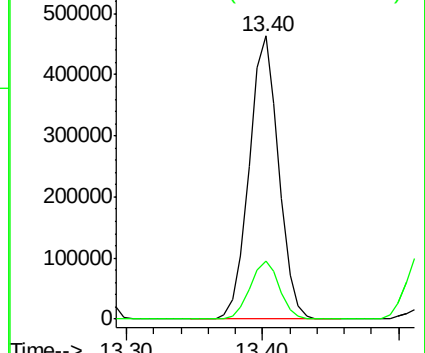
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.41 ug/l

RT: 13.52 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VW000985.D

Acq: 25 Jan 2018 07:23

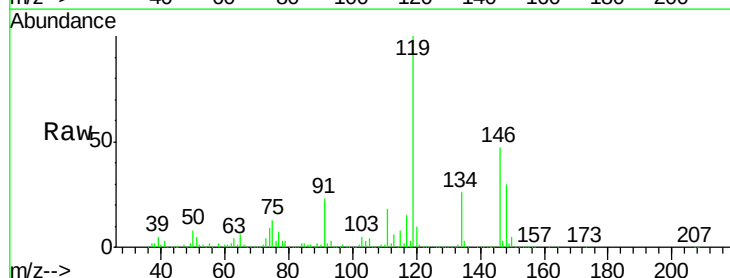
Tgt Ion:119 Resp: 624093

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.6

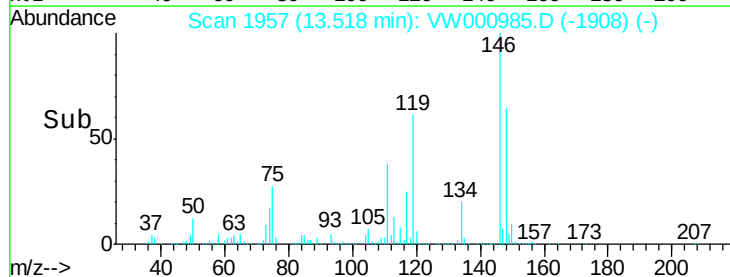
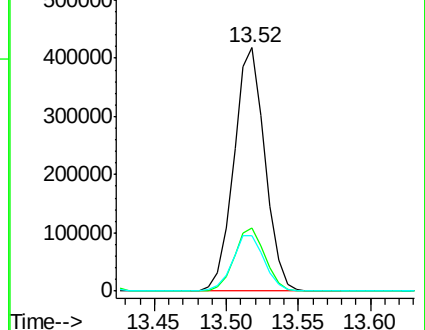
91 23.4 11.7 35.0

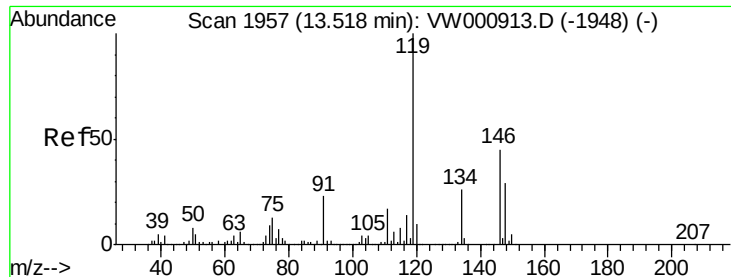


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





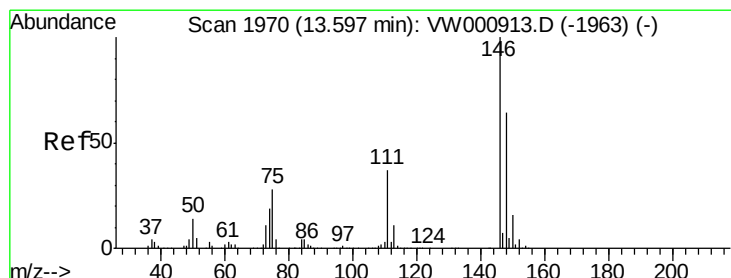
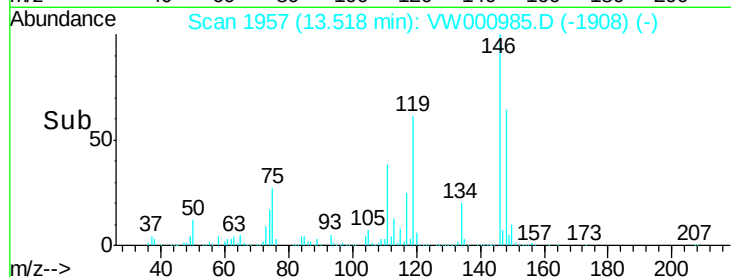
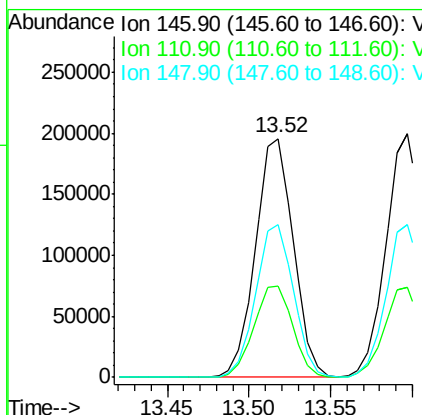
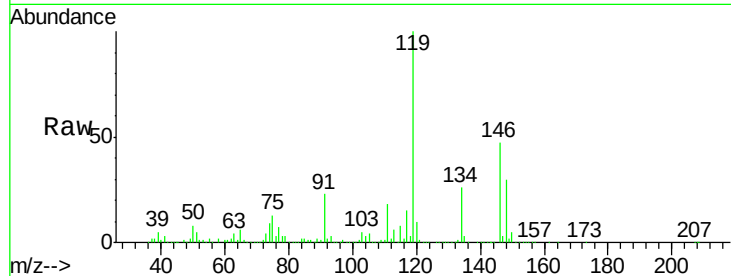
#87
 1,3-Dichlorobenzene
 Concen: 54.08 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.0
148	64.0	32.4	97.0

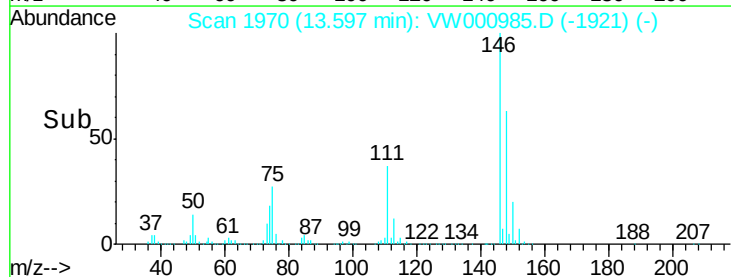
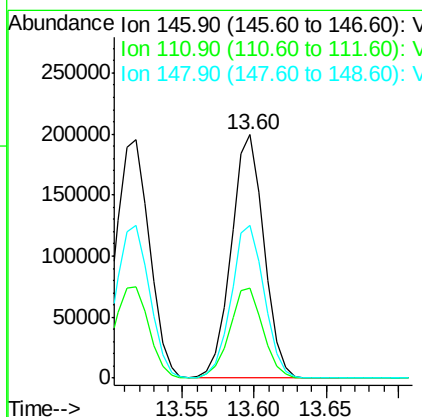
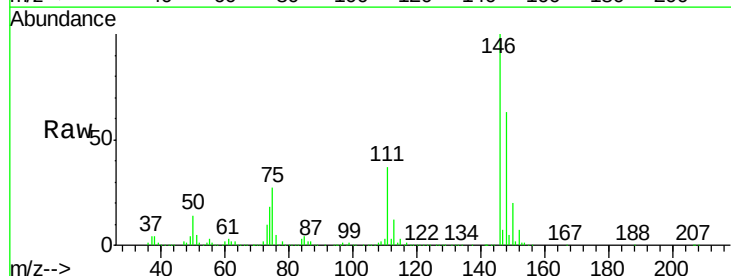
Manual Integrations
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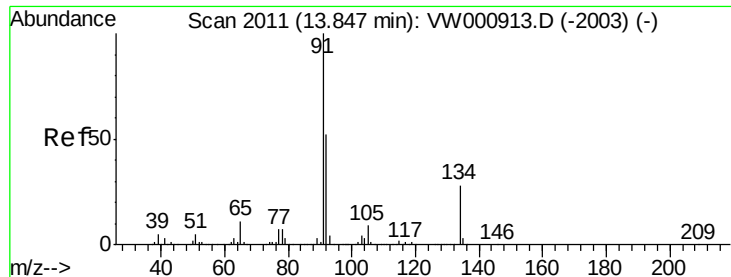
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#88
 1,4-Dichlorobenzene
 Concen: 53.99 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	63.4	32.4	97.2





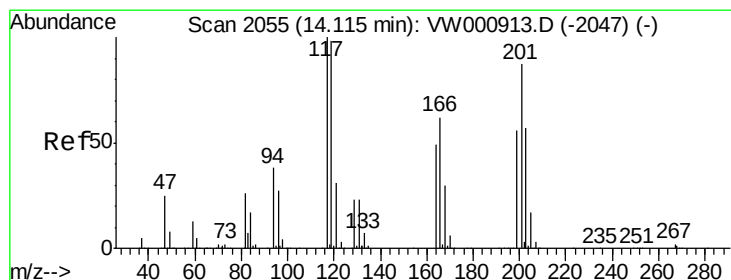
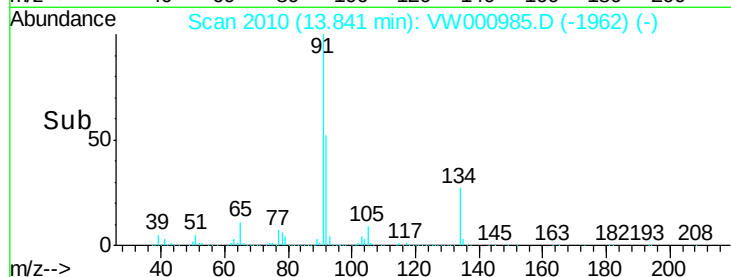
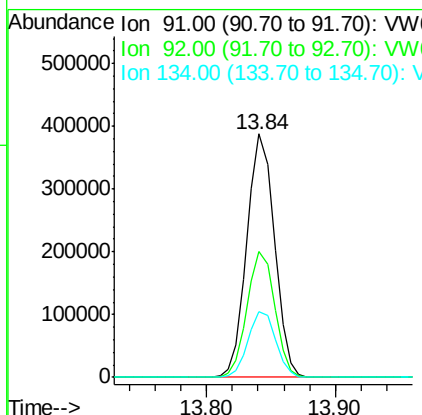
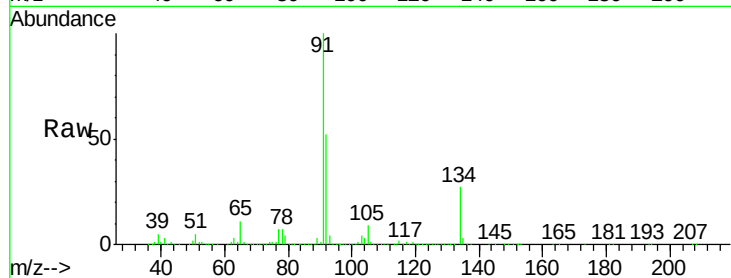
#89
n-Butylbenzene
Concen: 55.12 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.2	78.6
134	27.2	13.7	41.1

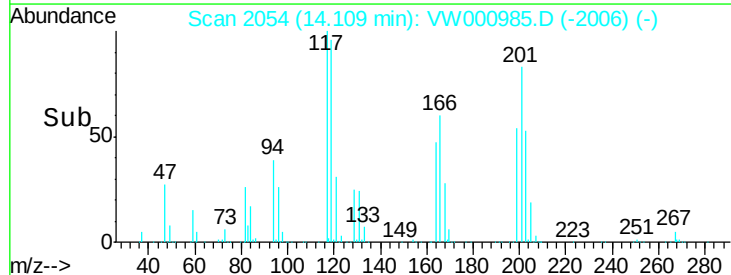
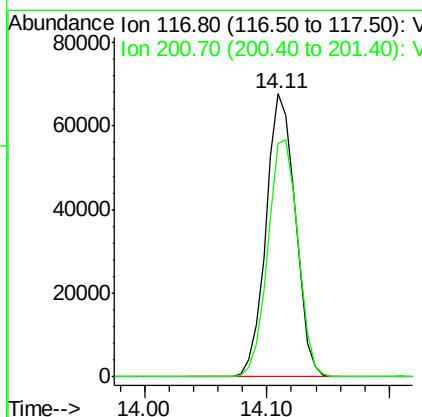
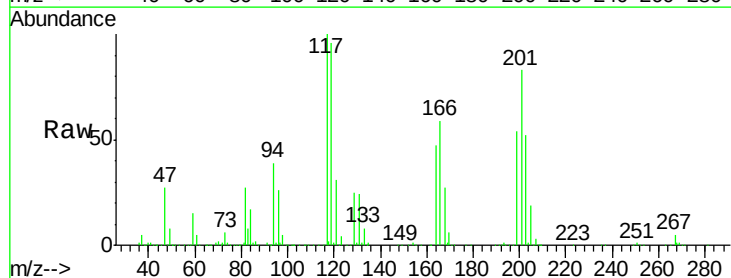
Manual Integrations
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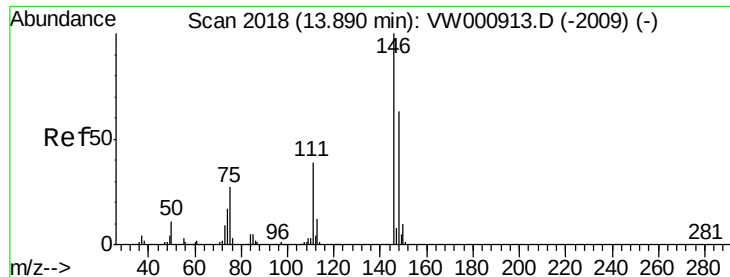
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#90
Hexachloroethane
Concen: 54.92 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.7	42.8	128.3





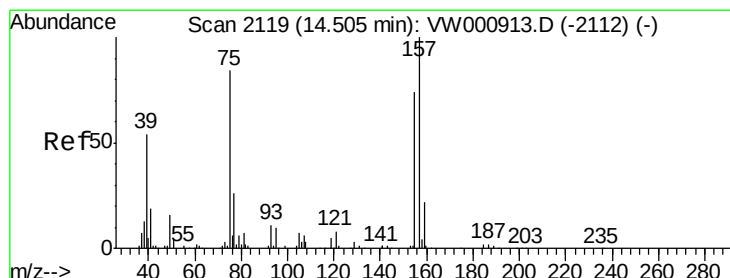
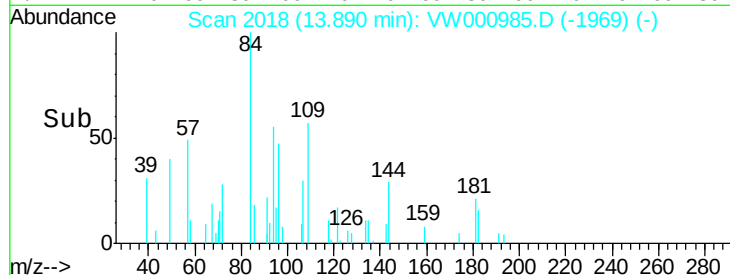
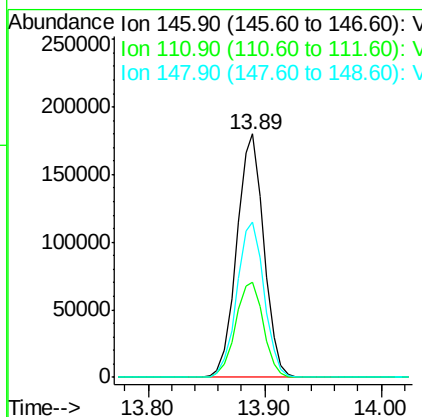
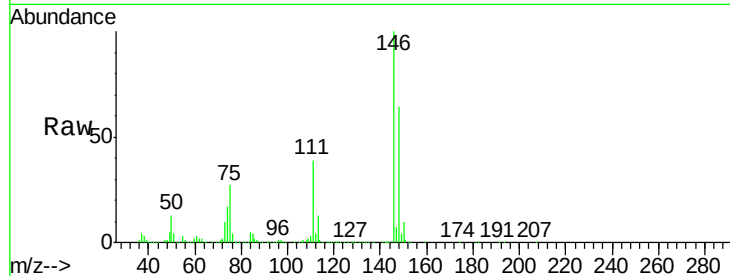
#91
 1,2-Dichlorobenzene
 Concen: 55.04 ug/l
 RT: 13.89 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.8	59.4
148	64.3	31.8	95.3

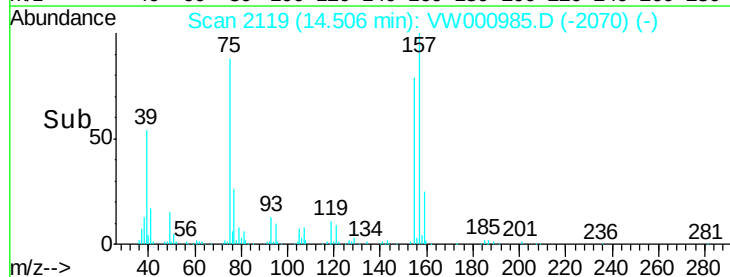
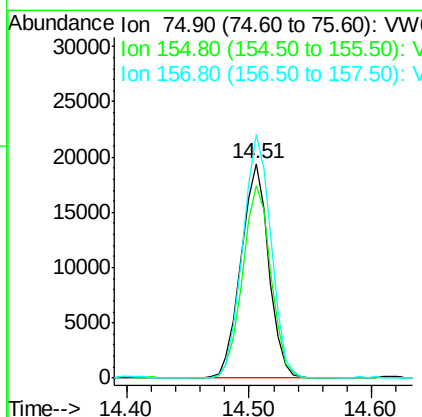
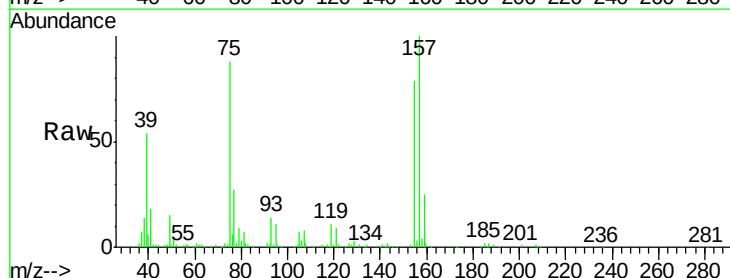
Manual Integrations
 APPROVED

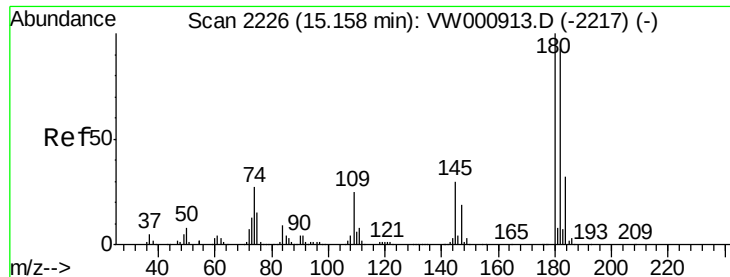
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.78 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	45.9	137.6
157	115.9	59.8	179.3





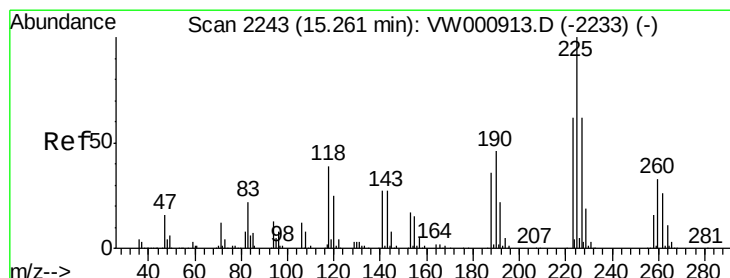
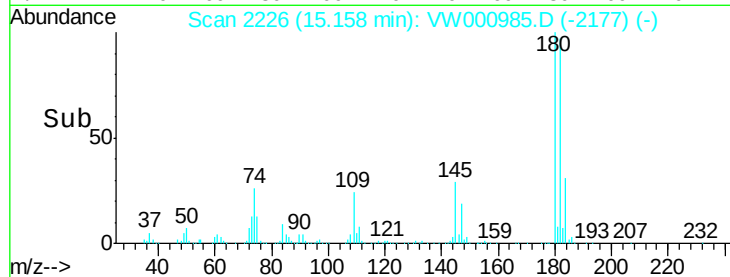
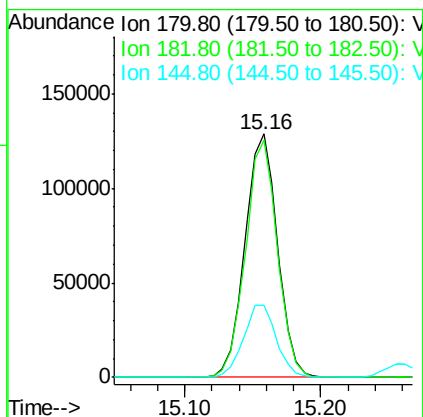
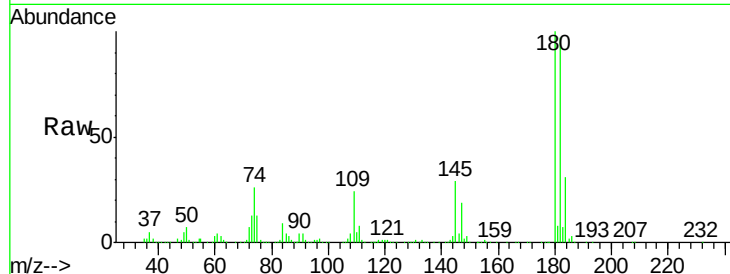
#93
1,2,4-Trichlorobenzene
Concen: 54.80 ug/l
RT: 15.16 min Scan# 2226
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.6
145	30.1	14.9	44.7

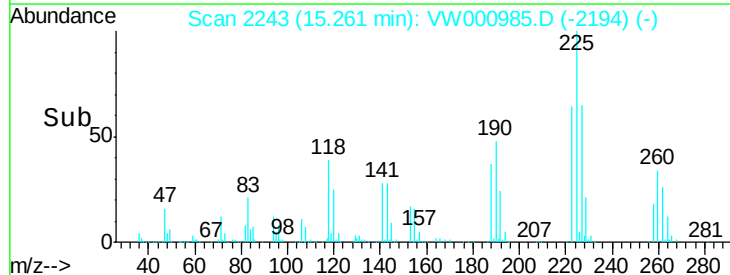
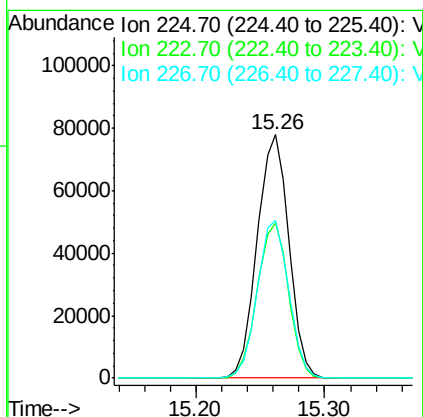
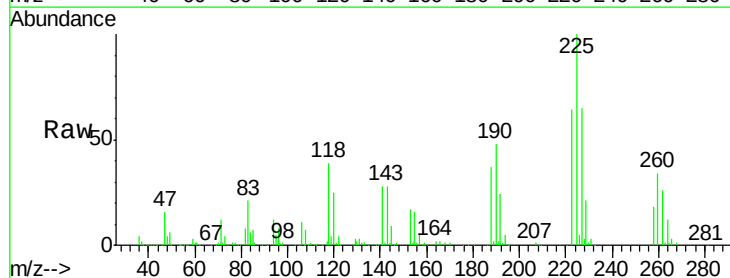
Manual Integrations
APPROVED

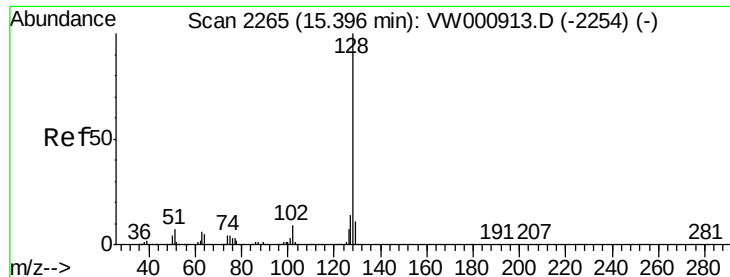
MMDadoda
1/25/2018 1:34:03 PM



#94
Hexachlorobutadiene
Concen: 53.09 ug/l
RT: 15.26 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.8
227	64.0	31.8	95.3





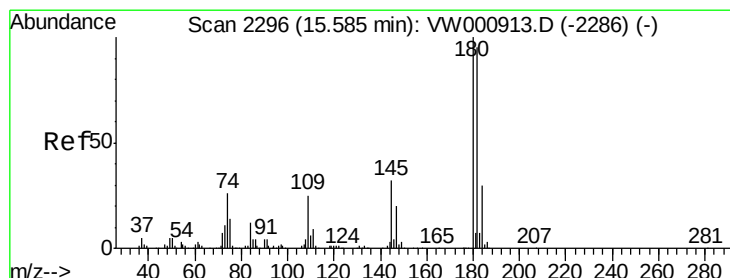
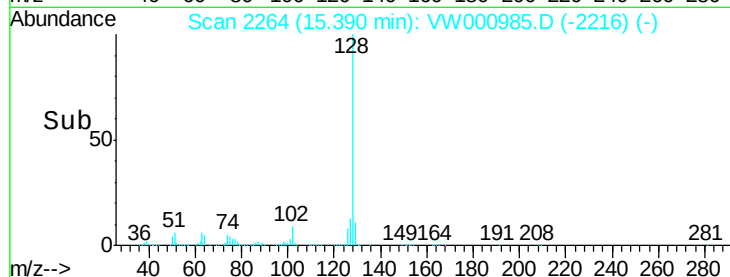
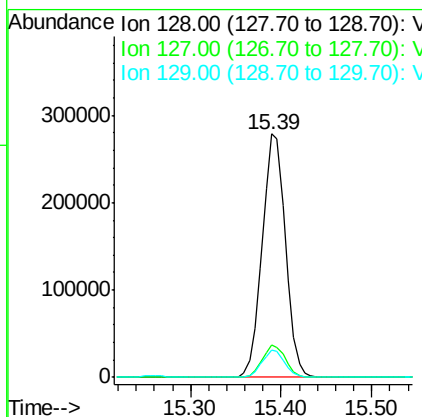
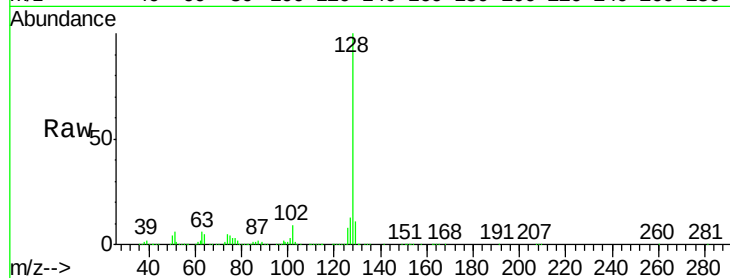
#95
Naphthalene
Concen: 59.64 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/25/2018 1:34:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.09 ug/l
RT: 15.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	32.0	15.8	47.3

