

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
 Data File : VW000985.D
 Acq On : 25 Jan 2018 07:23
 Operator : JC/SY
 Sample : VSTDCCC050EC
 Misc : 5.0G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 25 07:41:41 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	191843	92.39	ug/l #	100
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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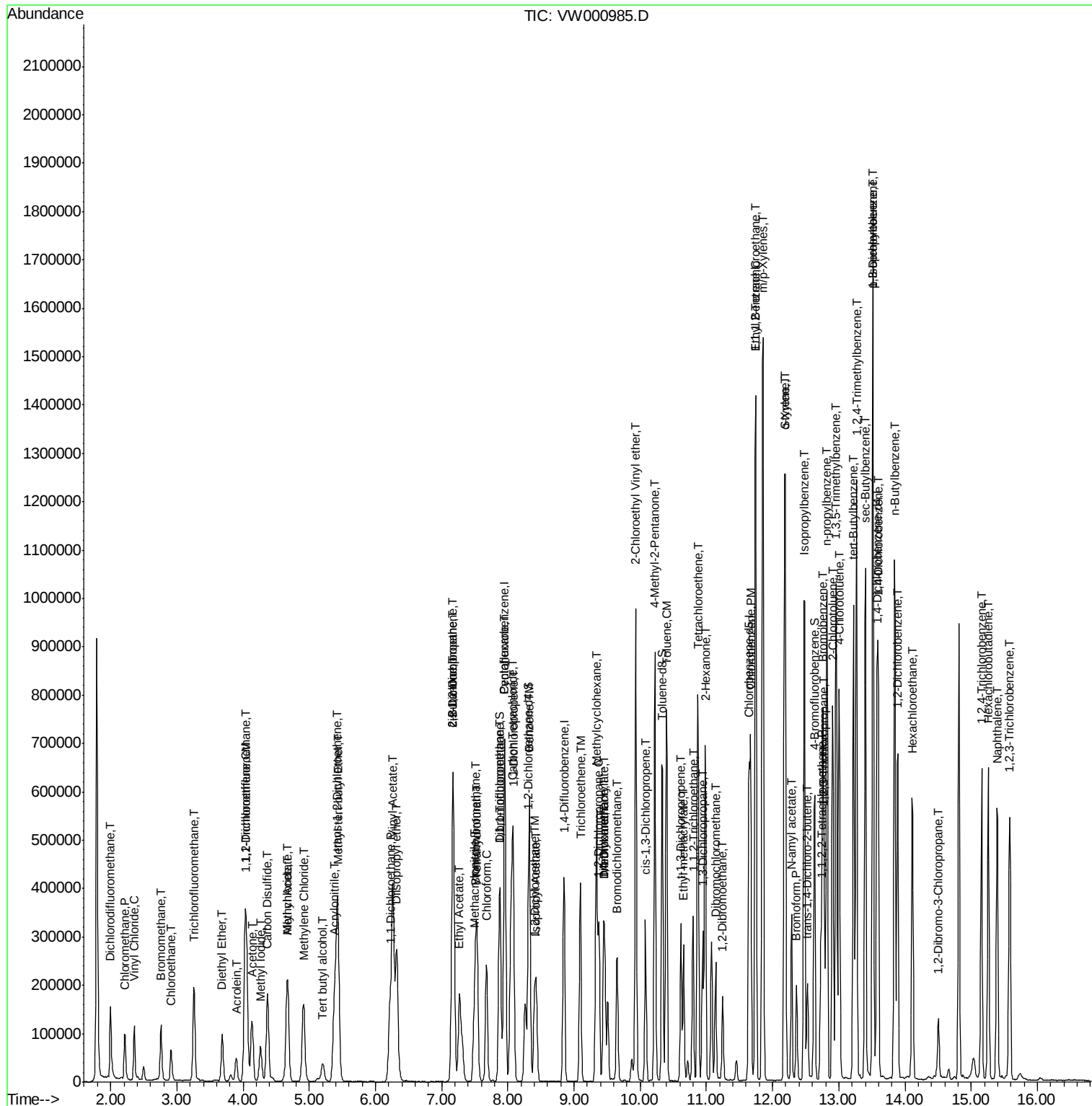
Instrument :
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ClientSampleId :
VSTDCCC050EC

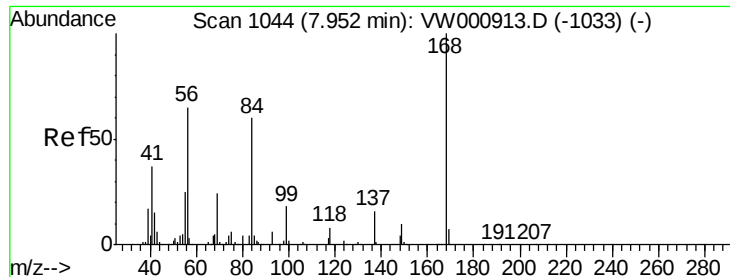
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	215269	54.80	ug/l	100
94) Hexachlorobutadiene	15.26	225	132193	53.09	ug/l	99
95) Naphthalene	15.39	128	494521	59.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58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

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

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#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 :

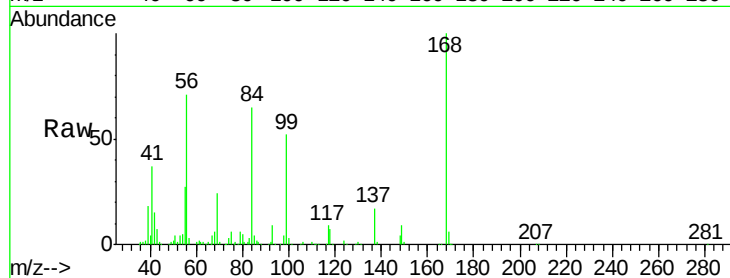
VSTDCCC050EC

Tgt Ion:168 Resp: 267189

Ion Ratio Lower Upper

168 100

99 52.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

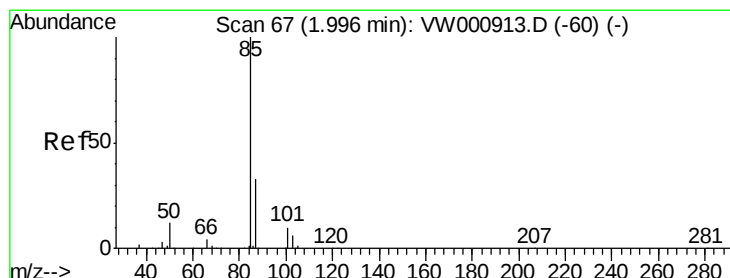
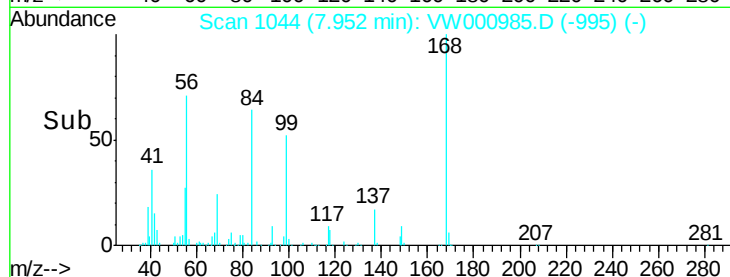
7.95

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

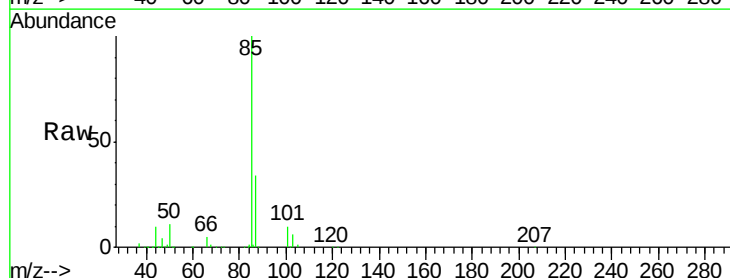
Acq: 25 Jan 2018 07:23

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

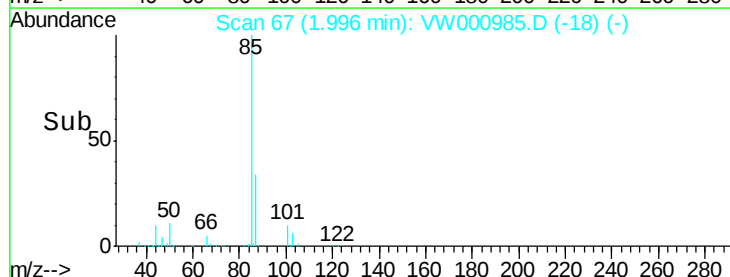
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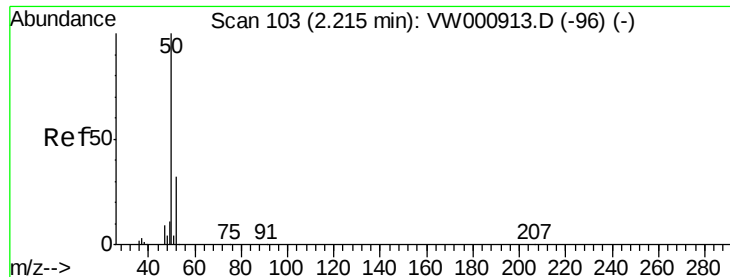
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20000

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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 :

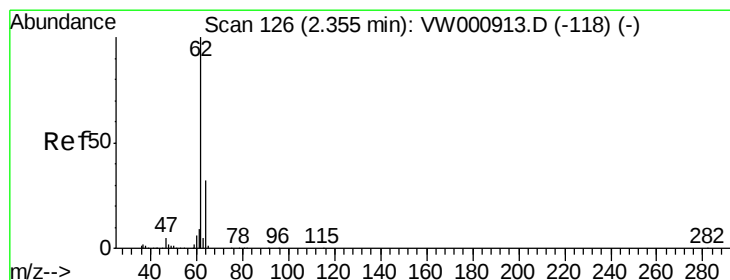
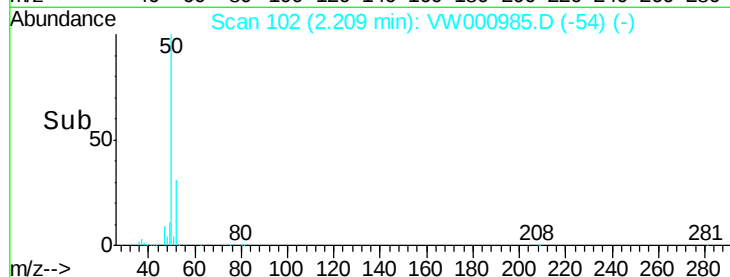
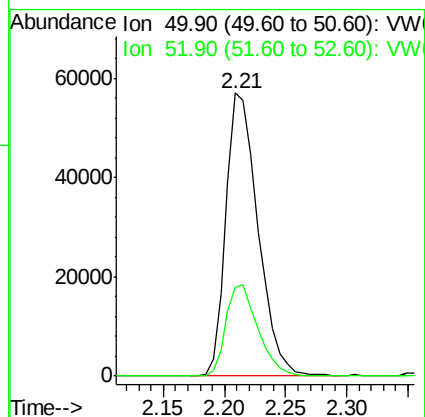
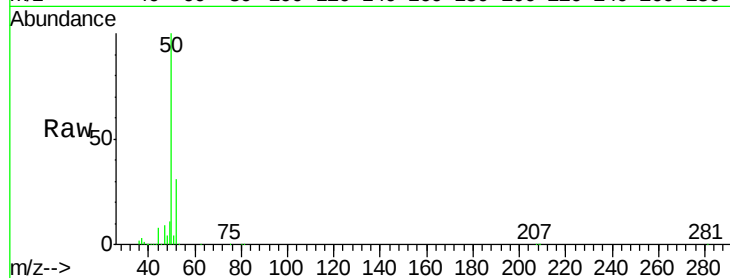
VSTDCCC050EC

Tgt Ion: 50 Resp: 103460

Ion Ratio Lower Upper

50 100

52 31.2 25.5 38.3



#4

Vinyl Chloride

Concen: 49.60 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW000985.D

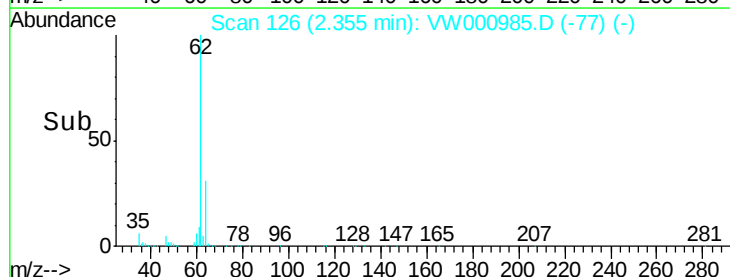
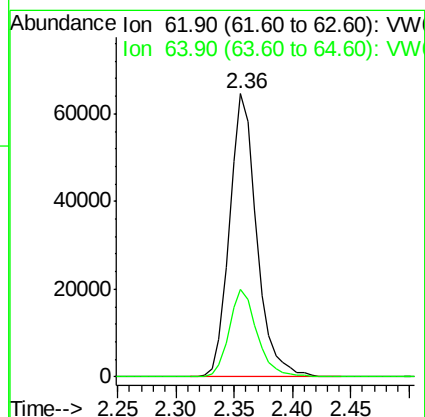
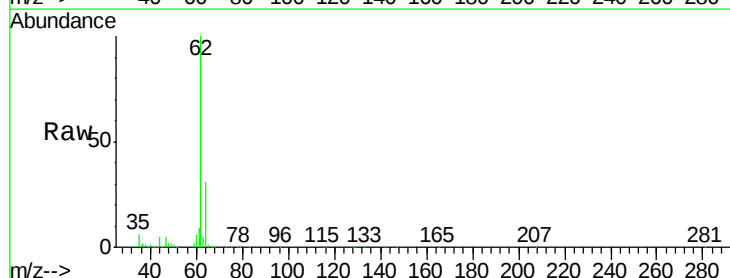
Acq: 25 Jan 2018 07:23

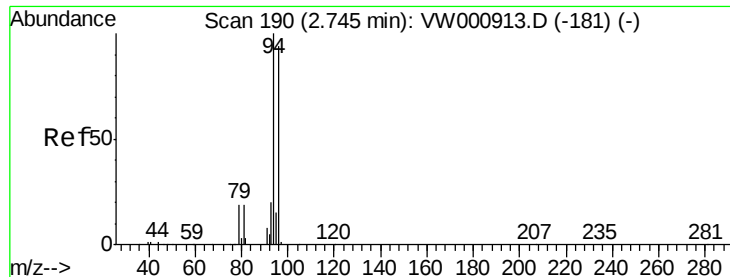
Tgt Ion: 62 Resp: 105036

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 :

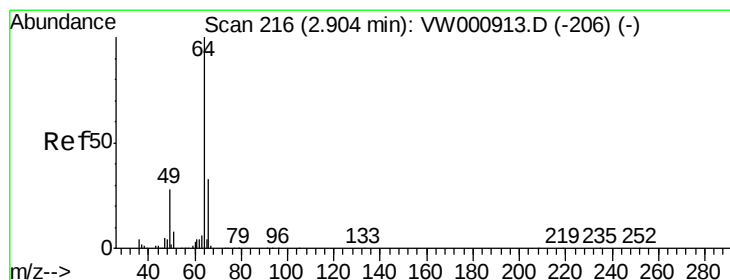
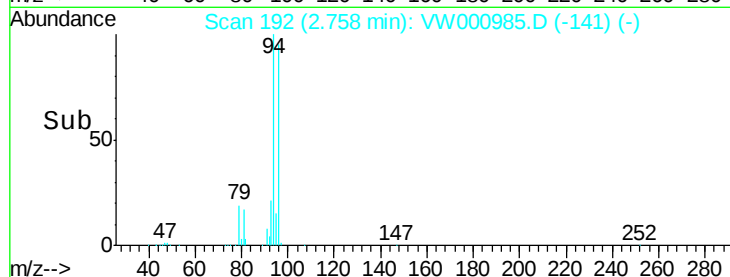
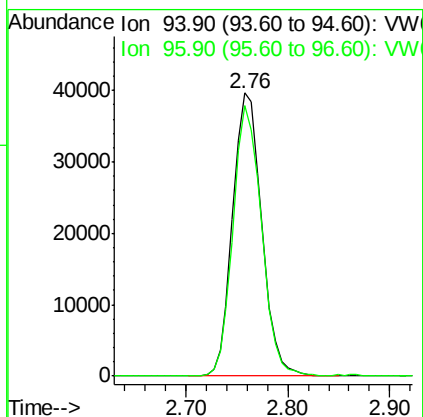
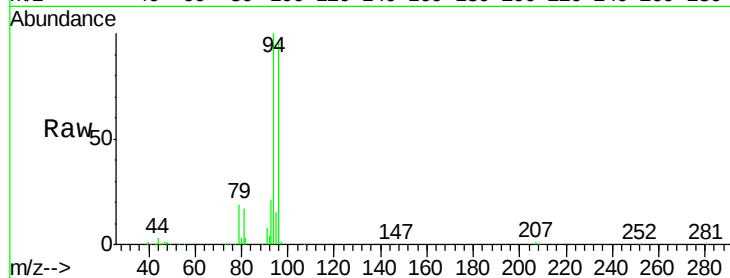
VSTDCCC050EC

Tgt Ion: 94 Resp: 77993

Ion Ratio Lower Upper

94 100

96 95.5 75.5 113.3



#6

Chloroethane

Concen: 49.87 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.01 min

Lab File: VW000985.D

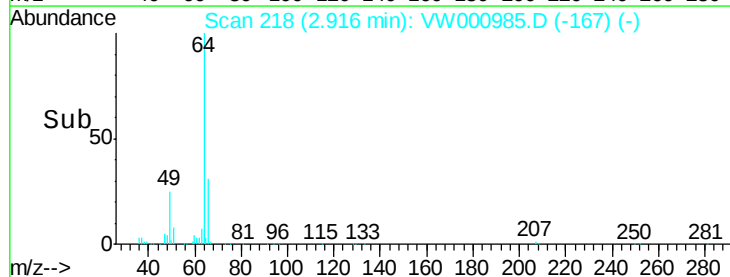
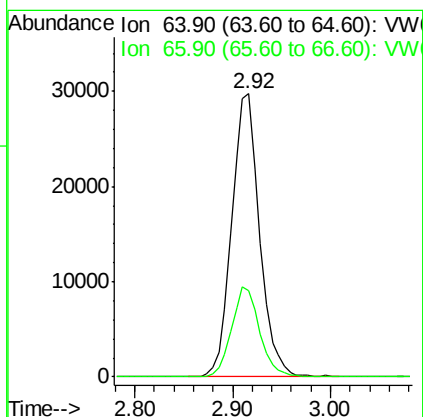
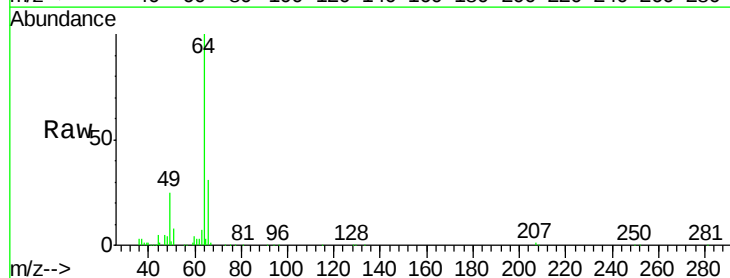
Acq: 25 Jan 2018 07:23

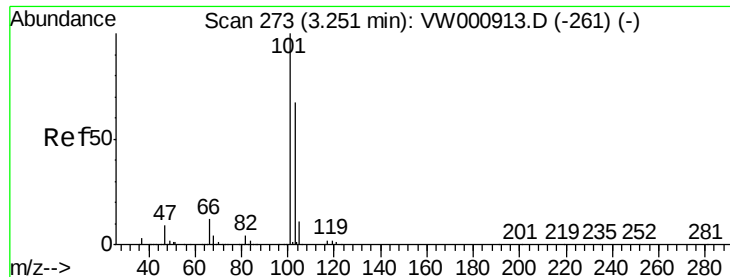
Tgt Ion: 64 Resp: 58691

Ion Ratio Lower Upper

64 100

66 30.6 26.1 39.1



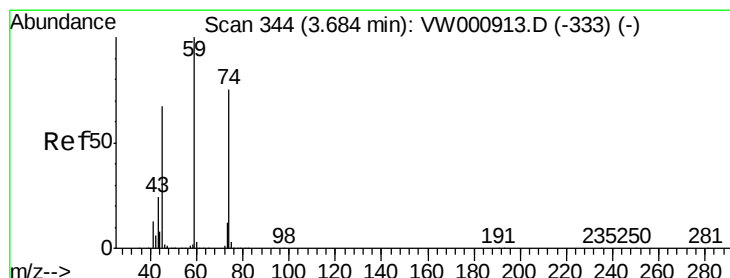
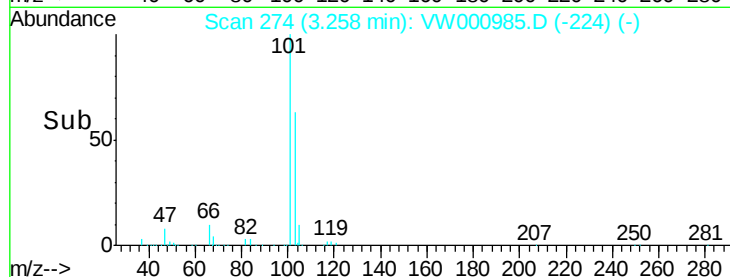
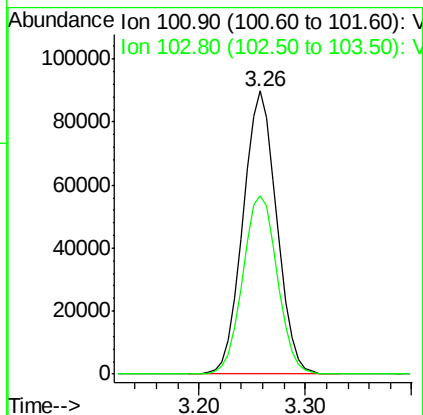
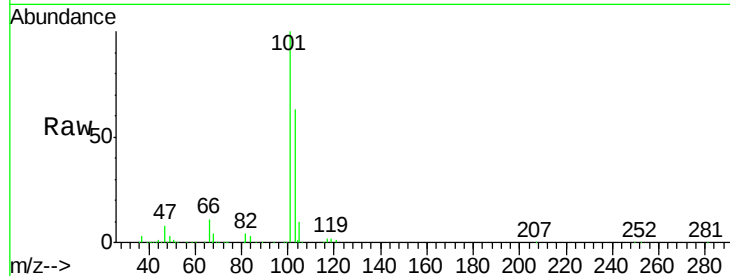


#7

Trichlorofluoromethane
Concen: 51.32 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW000985.D
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MSVOA_W
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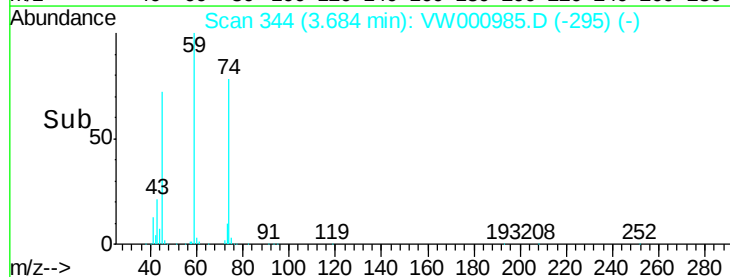
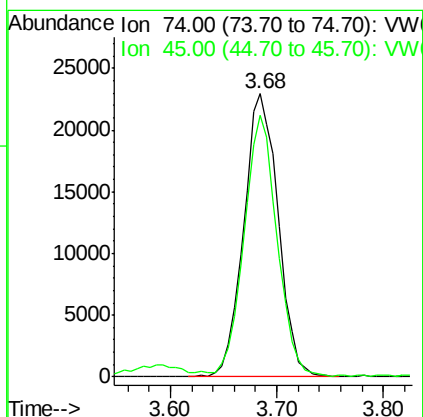
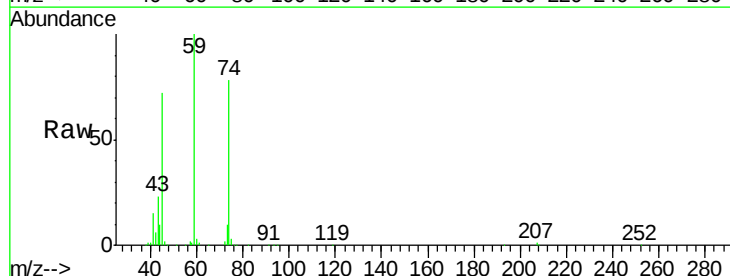
Tgt Ion: 101 Resp: 200108
Ion Ratio Lower Upper
101 100
103 63.0 53.4 80.0

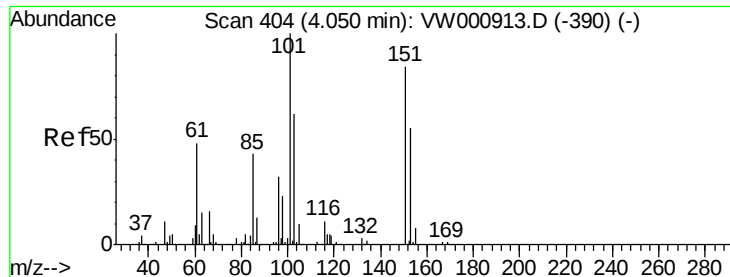


#8

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: 74 Resp: 52010
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

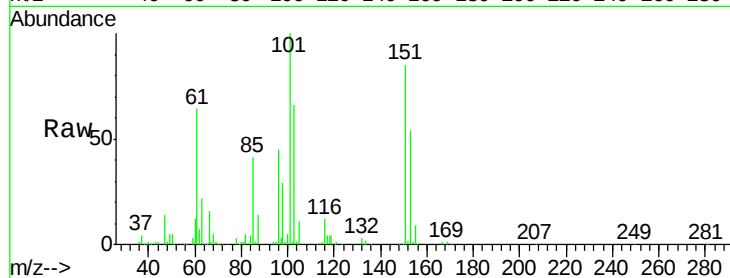
Tgt Ion:101 Resp: 138780

Ion Ratio Lower Upper

101 100

85 42.7 35.3 52.9

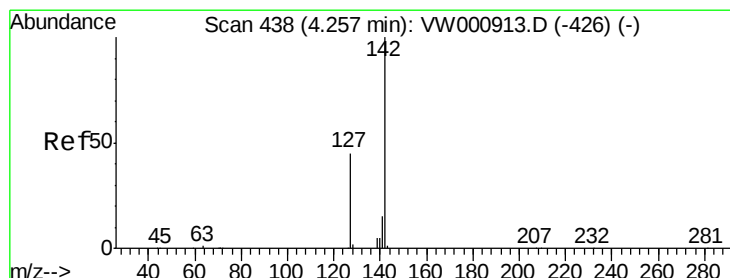
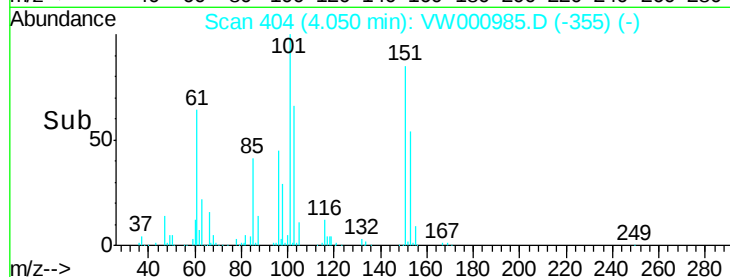
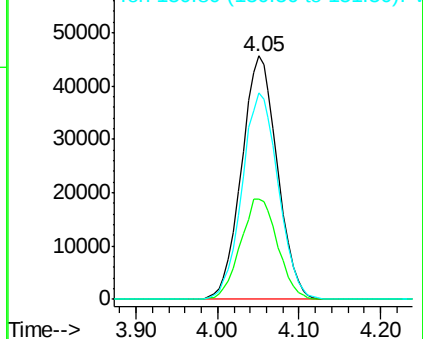
151 86.1 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#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

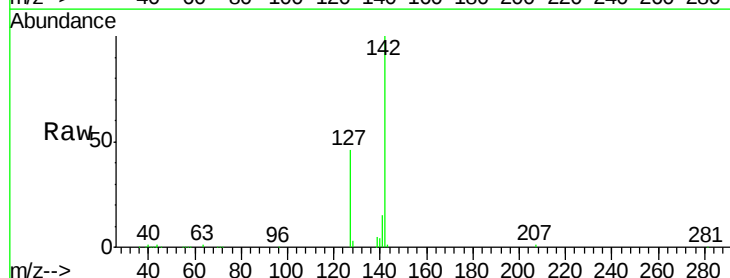
Tgt Ion:142 Resp: 116149

Ion Ratio Lower Upper

142 100

127 45.8 35.5 53.3

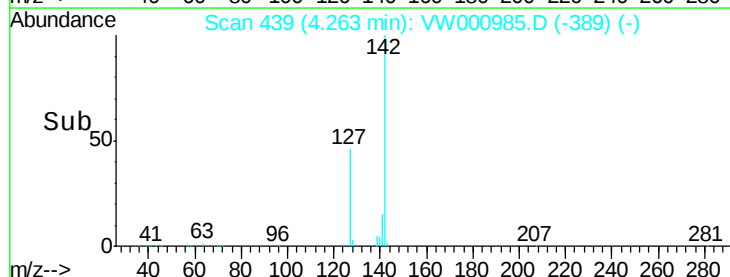
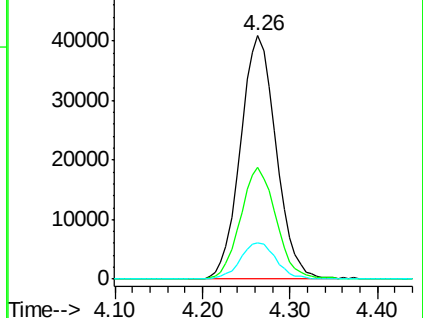
141 15.1 11.7 17.5

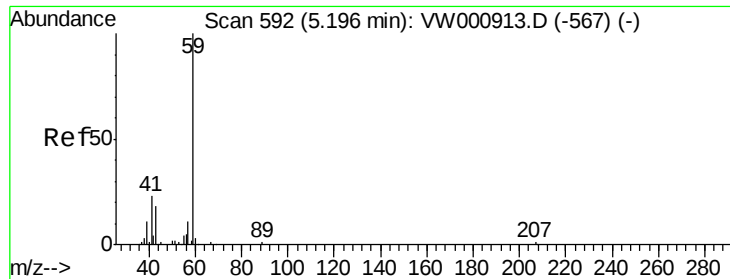


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



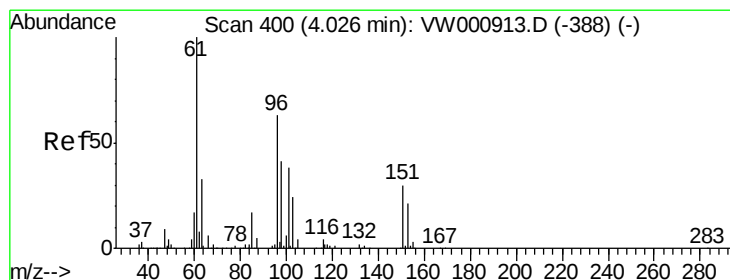
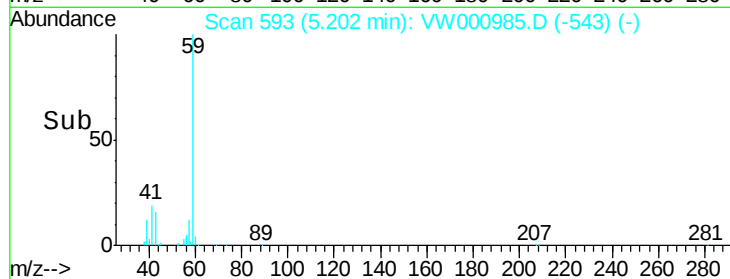
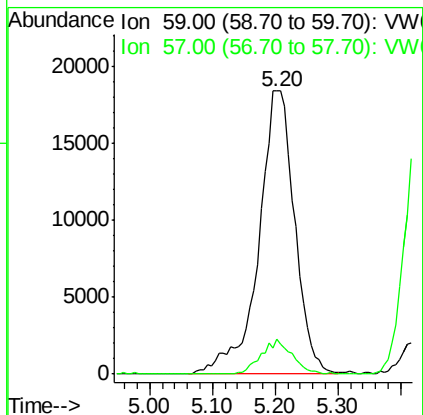
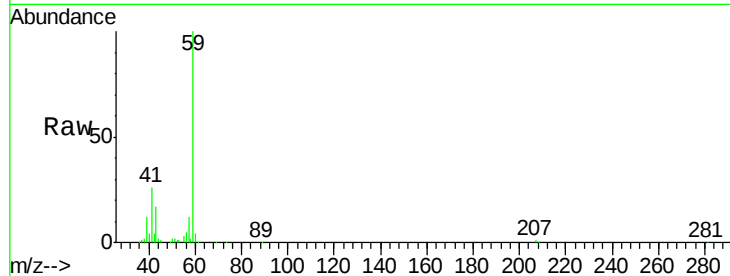


#11

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

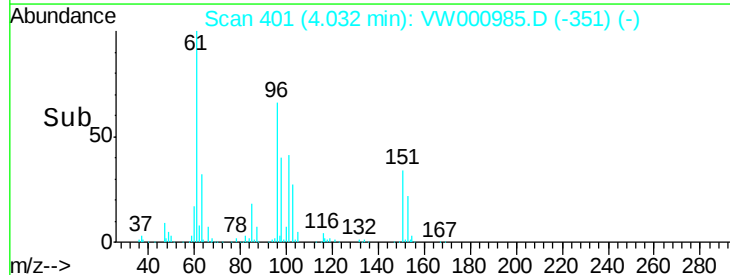
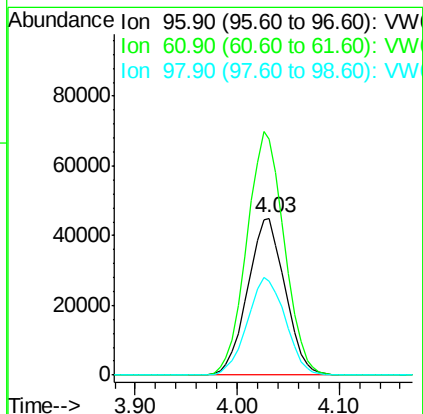
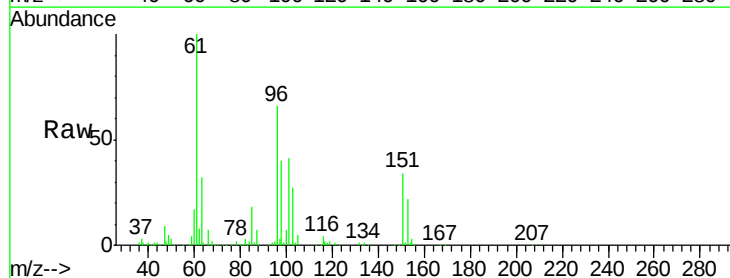
Tgt Ion: 59 Resp: 73123
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.0 10.6

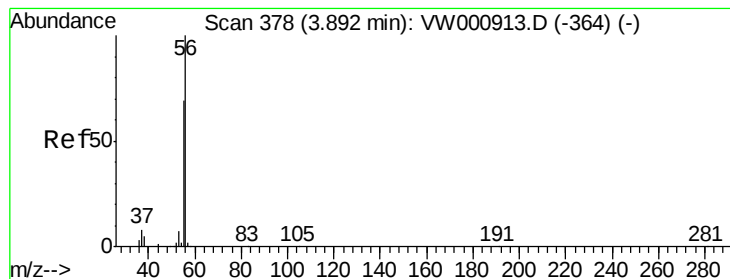


#12

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: 96 Resp: 115062
 Ion Ratio Lower Upper
 96 100
 61 150.4 126.7 190.1
 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 :

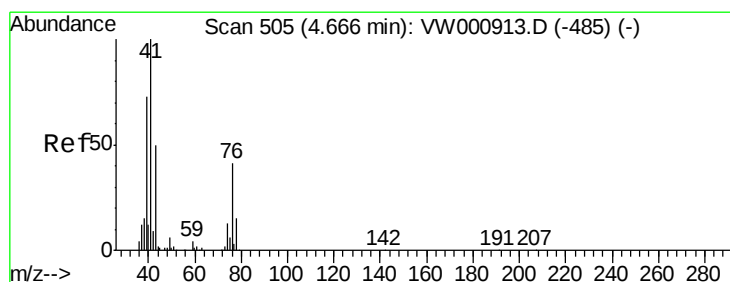
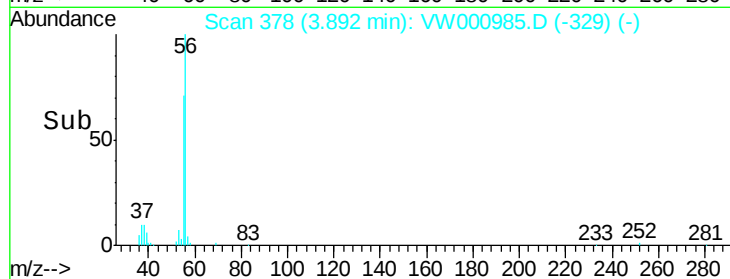
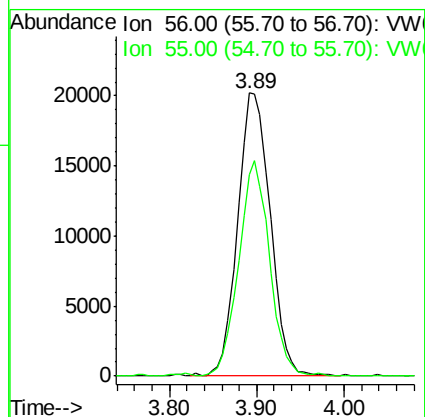
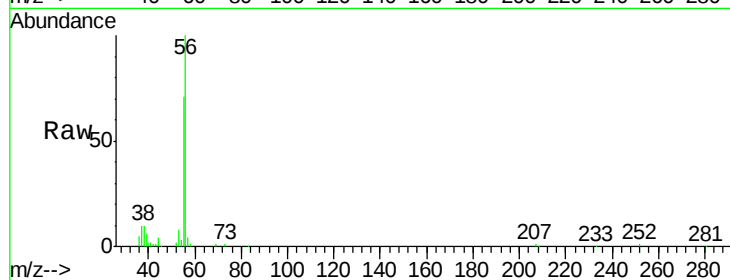
VSTDCCC050EC

Tgt Ion: 56 Resp: 52333

Ion Ratio Lower Upper

56 100

55 72.2 55.4 83.0



#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

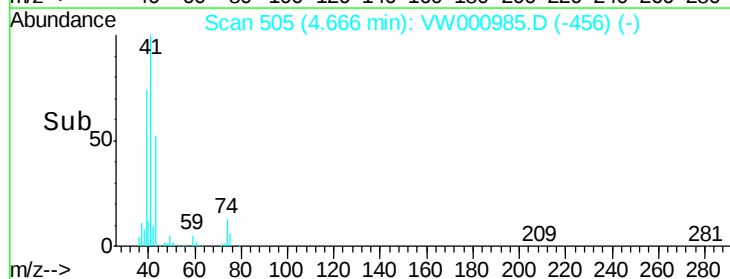
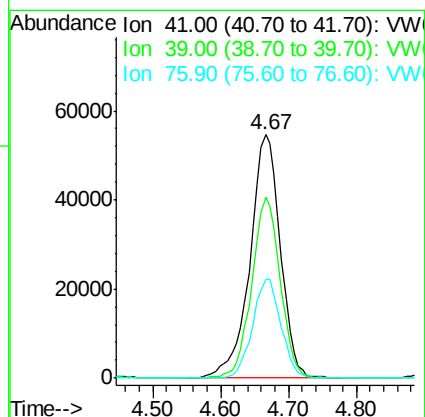
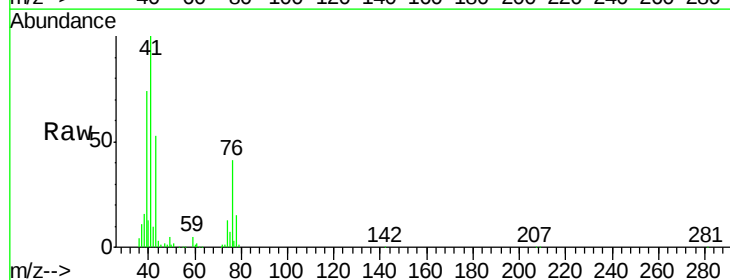
Tgt Ion: 41 Resp: 170111

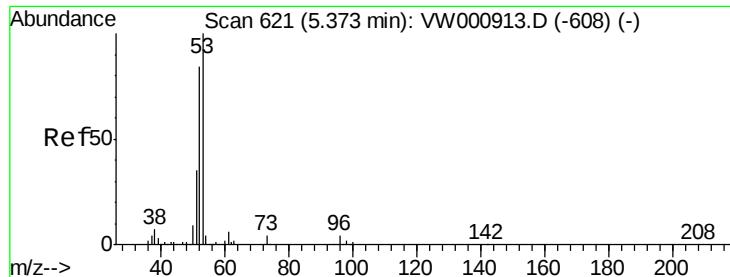
Ion Ratio Lower Upper

41 100

39 69.9 55.3 82.9

76 37.8 29.9 44.9





#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

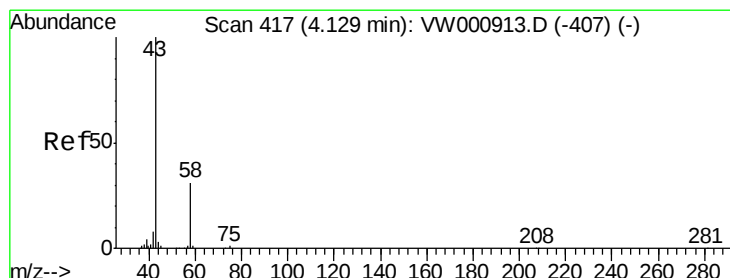
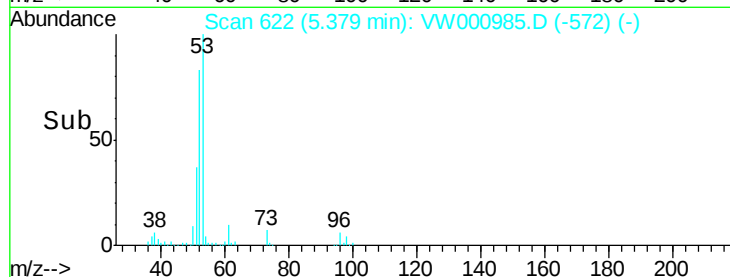
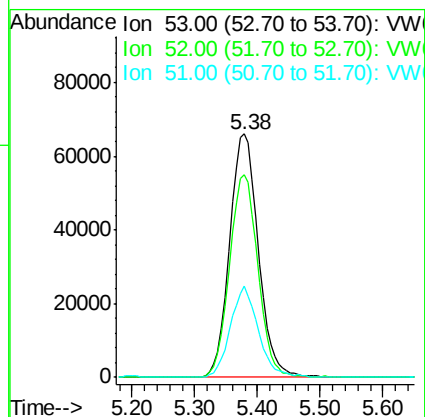
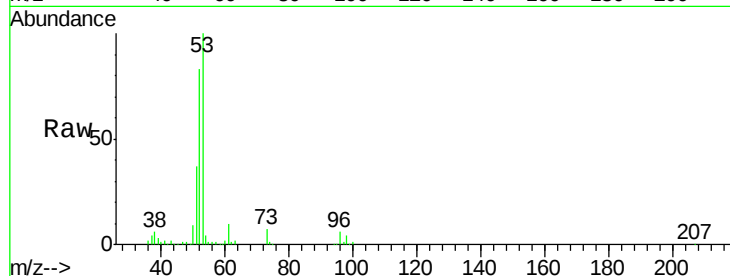
Tgt Ion: 53 Resp: 209523

Ion Ratio Lower Upper

53 100

52 82.4 66.6 99.8

51 36.6 29.4 44.0



#16

Acetone

Concen: 200.71 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW000985.D

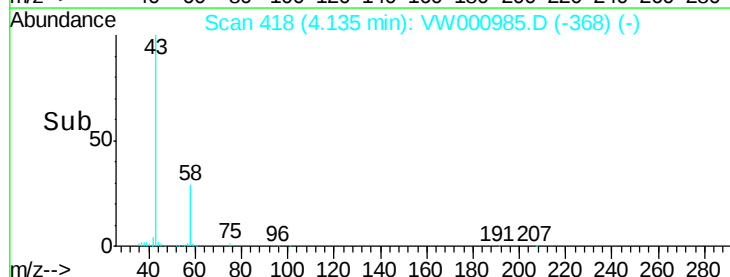
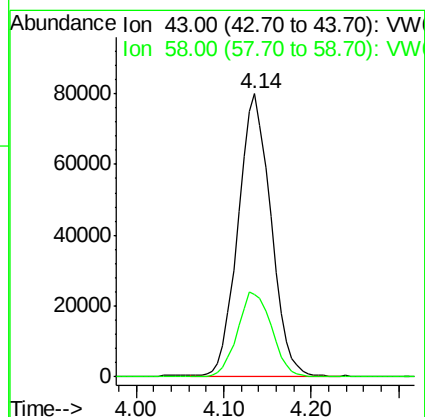
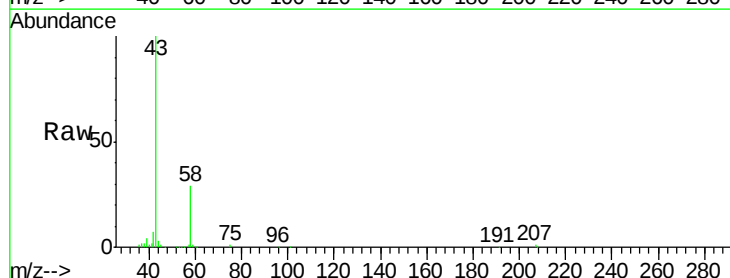
Acq: 25 Jan 2018 07:23

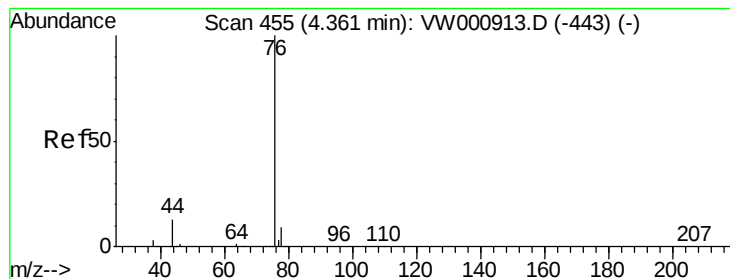
Tgt Ion: 43 Resp: 207959

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 :

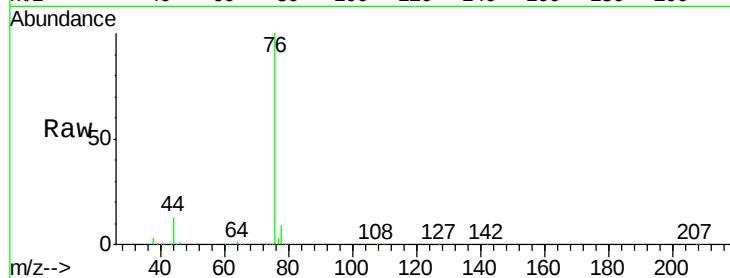
VSTDCCC050EC

Tgt Ion: 76 Resp: 371412

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

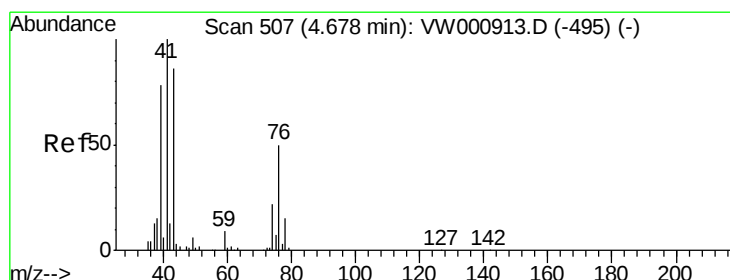
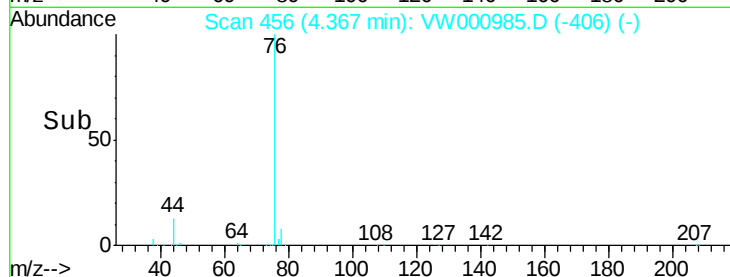
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 56.69 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW000985.D

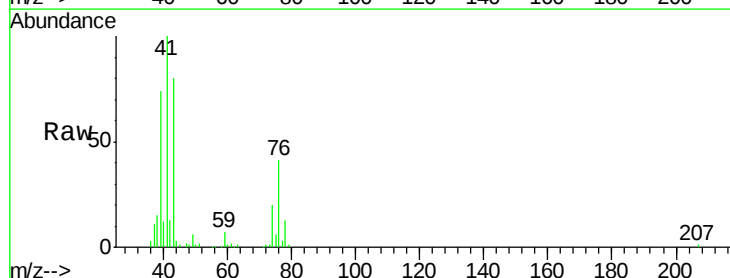
Acq: 25 Jan 2018 07:23

Tgt Ion: 43 Resp: 106795

Ion Ratio Lower Upper

43 100

74 25.5 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

40000

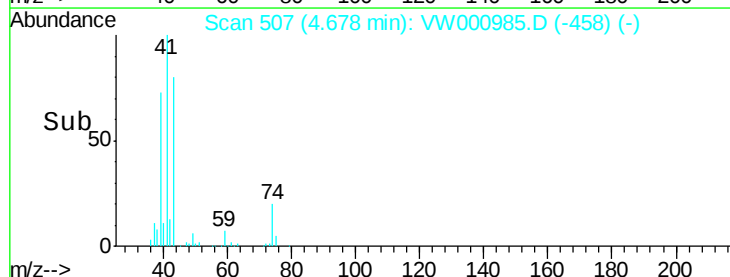
30000

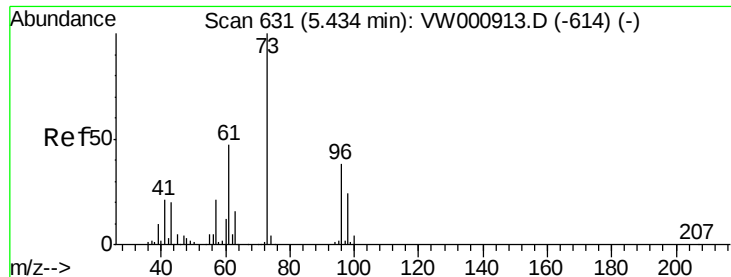
20000

10000

0

Time--> 4.60 4.70 4.80

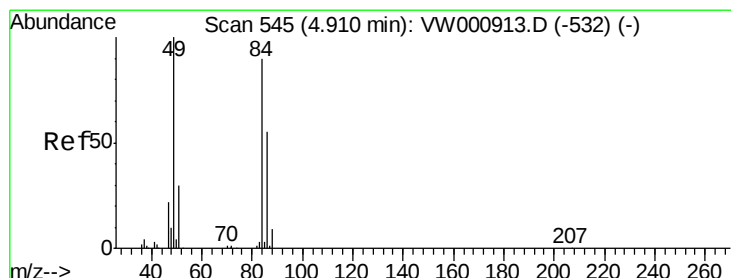
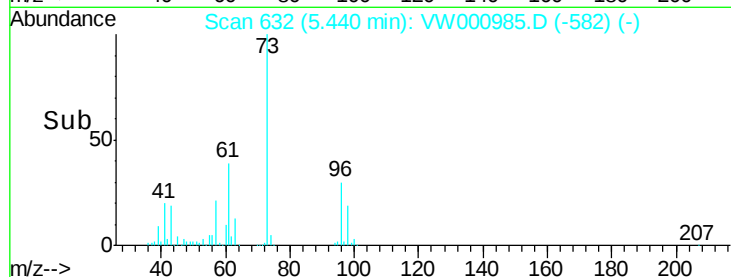
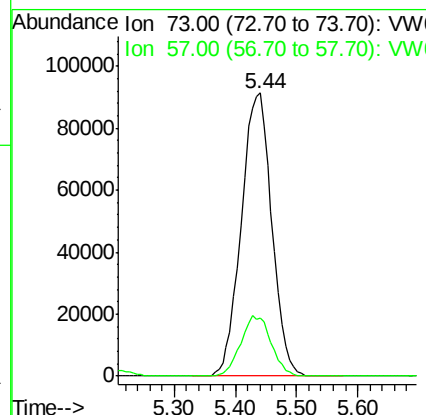
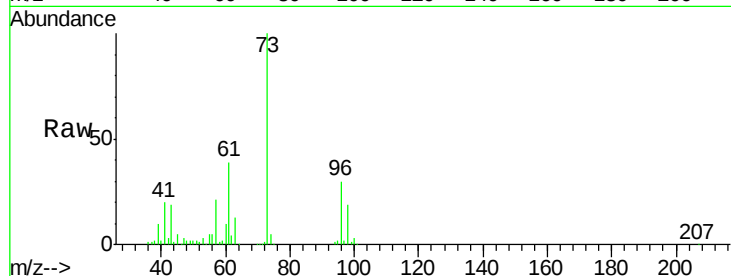




#19
Methyl tert-butyl Ether
Concen: 56.66 ug/l
RT: 5.44 min Scan# 632
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

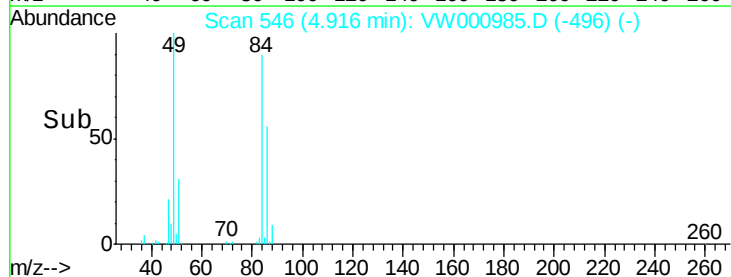
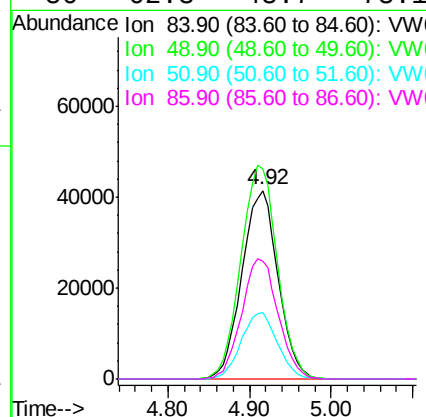
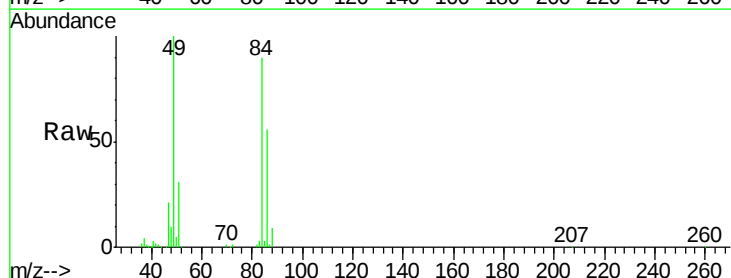
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

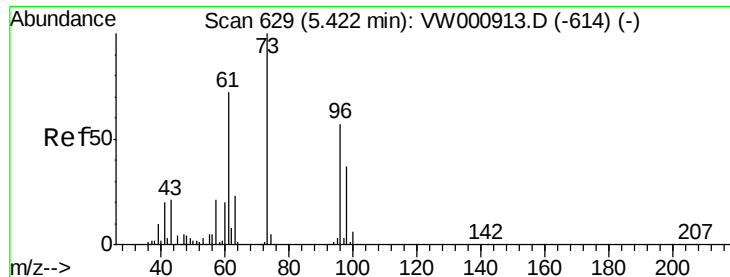
Tgt Ion: 73 Resp: 315141
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1



#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

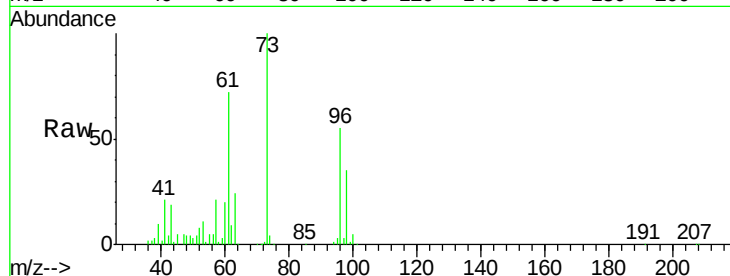
Tgt Ion: 96 Resp: 130073

Ion Ratio Lower Upper

96 100

61 131.7 101.1 151.7

98 63.5 52.2 78.2

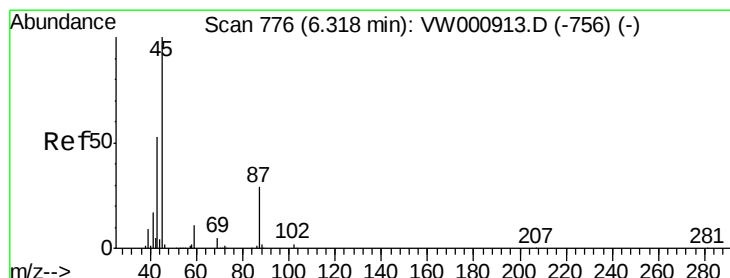
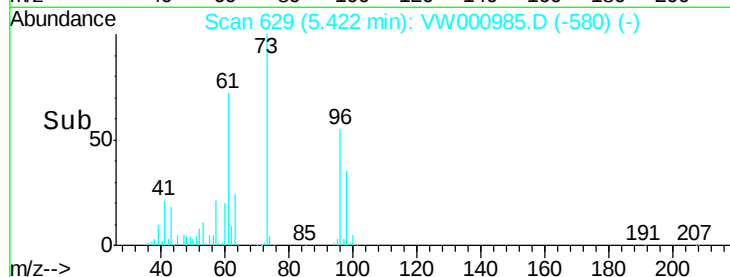
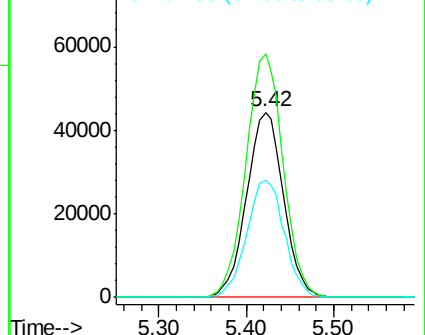


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#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

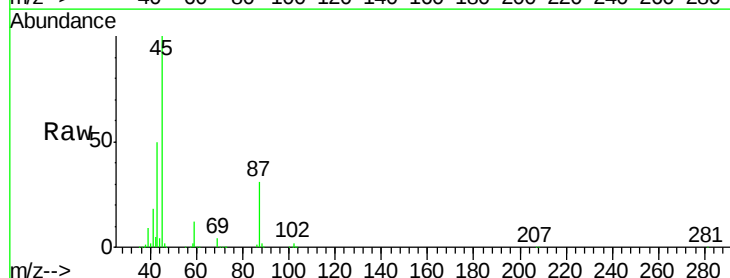
Ion Ratio Lower Upper

45 100

43 50.0 42.7 64.1

87 30.5 23.8 35.8

59 11.6 9.0 13.6



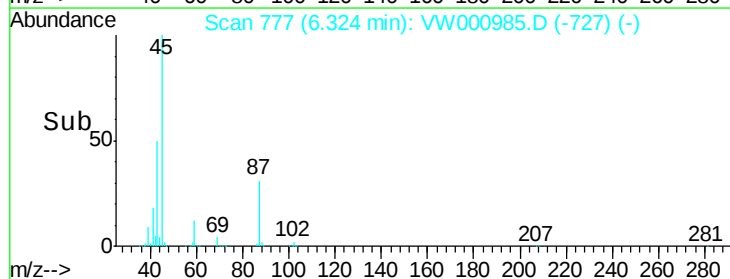
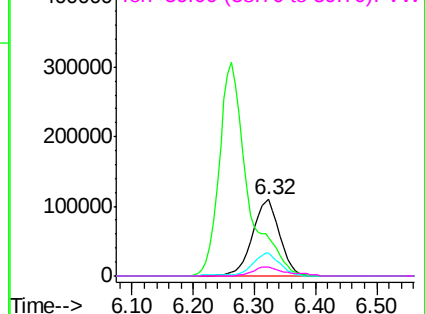
Abundance

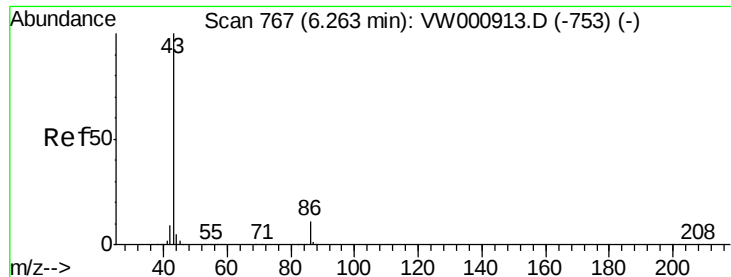
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#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 :

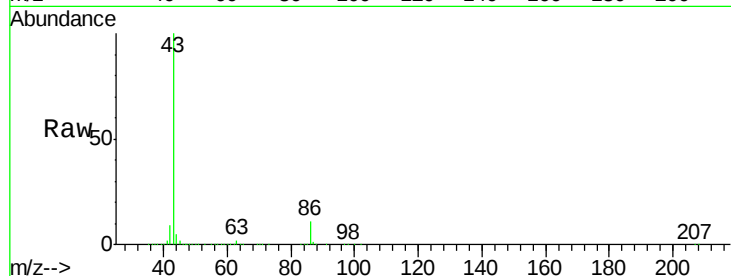
VSTDCCC050EC

Tgt Ion: 43 Resp: 988975

Ion Ratio Lower Upper

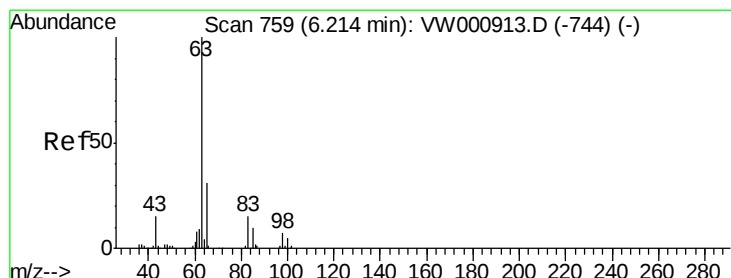
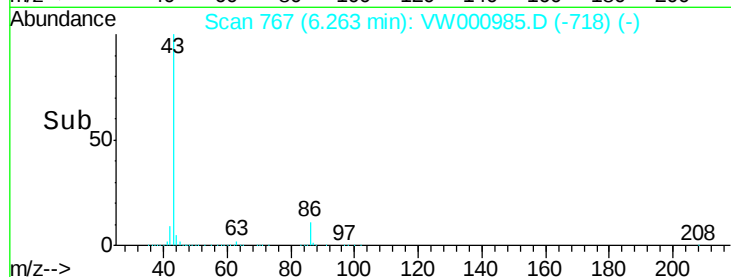
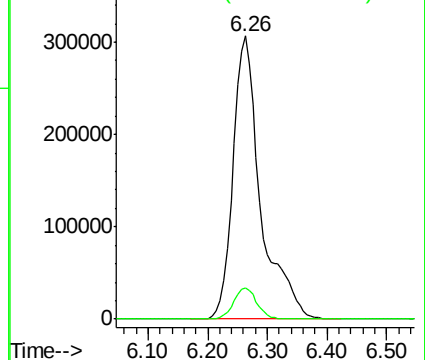
43 100

86 10.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#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

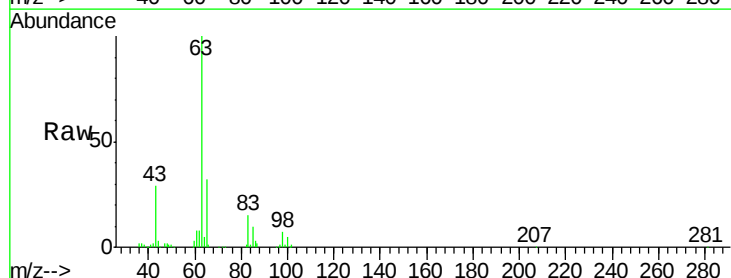
Tgt Ion: 63 Resp: 217394

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

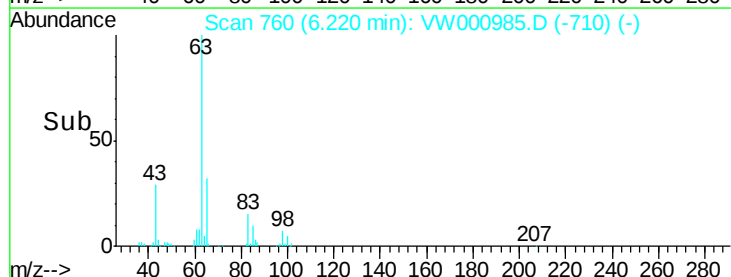
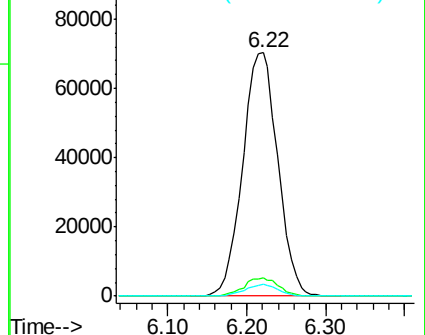
100 4.8 2.5 7.4

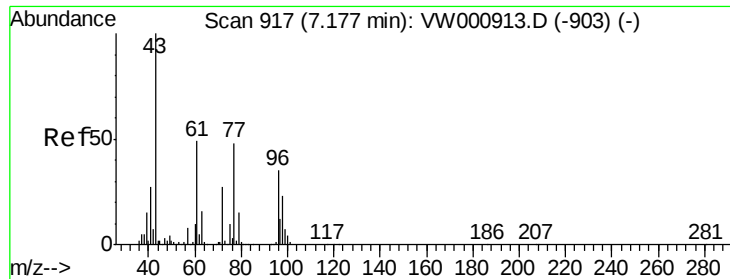


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#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 :

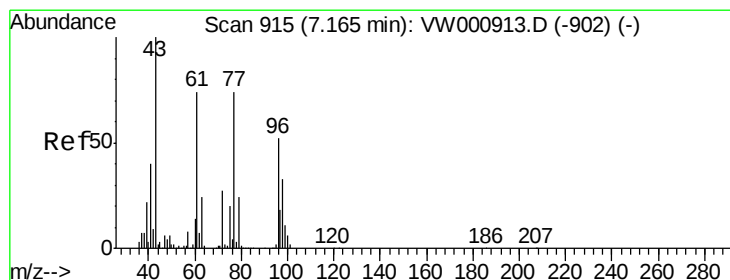
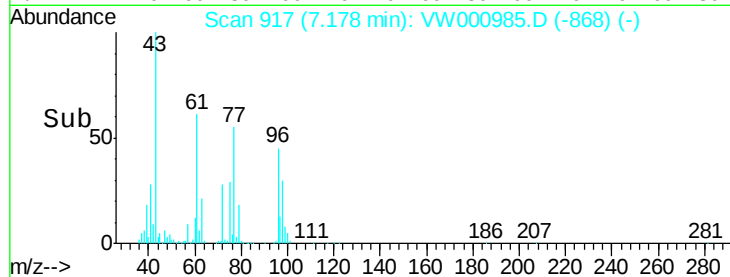
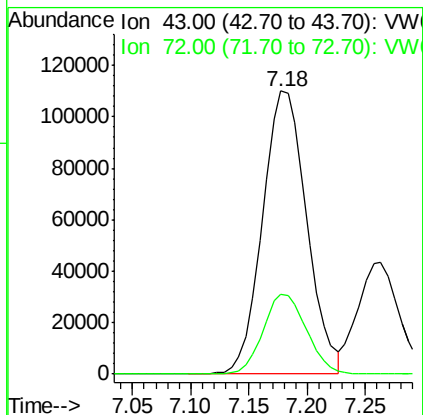
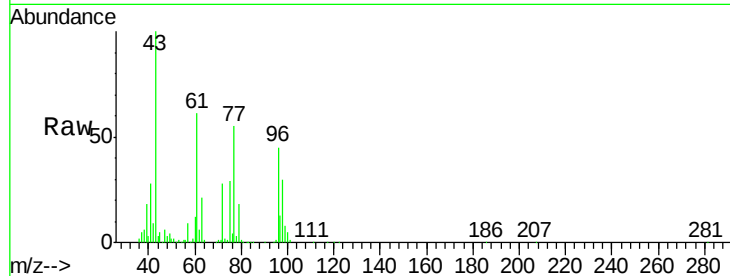
VSTDCCC050EC

Tgt Ion: 43 Resp: 289438

Ion Ratio Lower Upper

43 100

72 28.5 21.5 32.3



#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

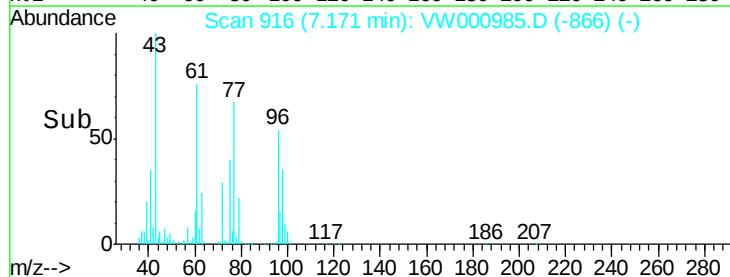
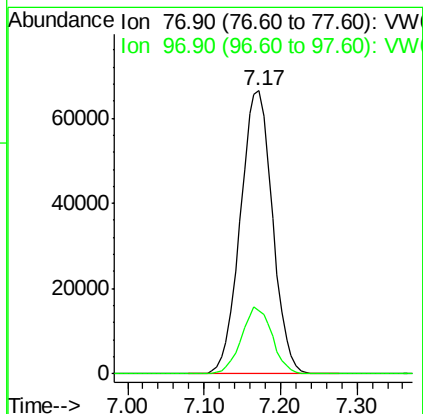
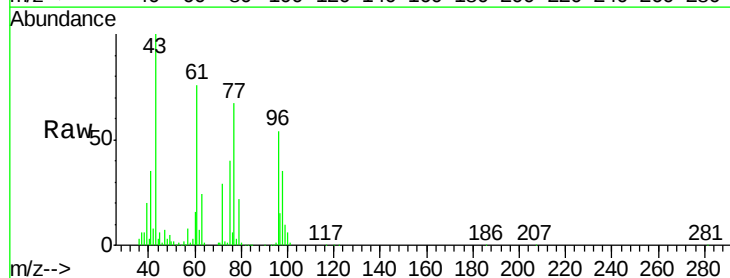
Acq: 25 Jan 2018 07:23

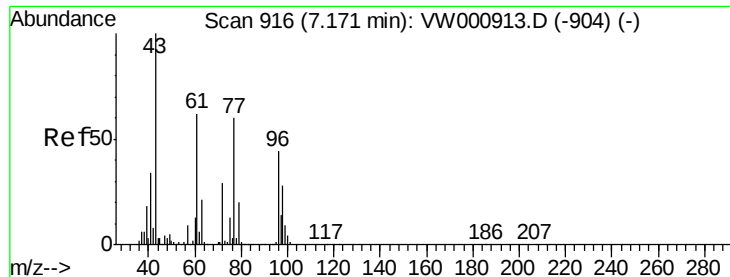
Tgt Ion: 77 Resp: 193761

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3



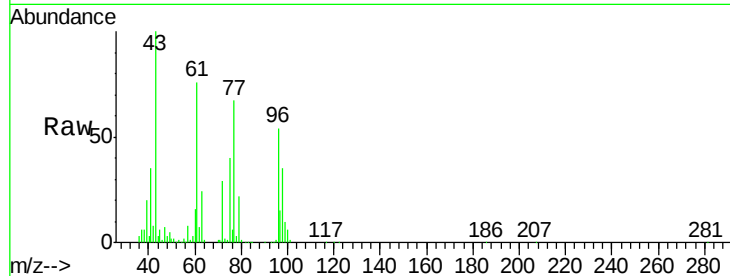


#27

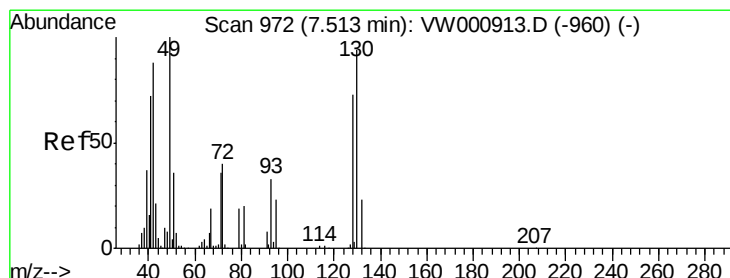
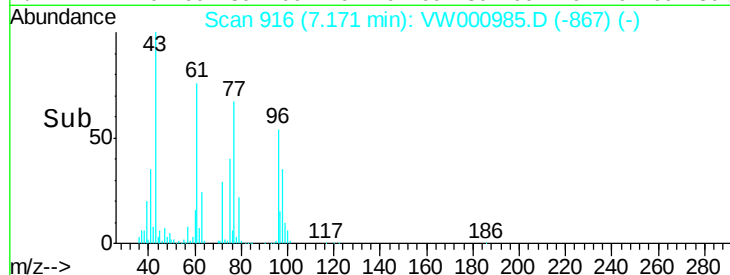
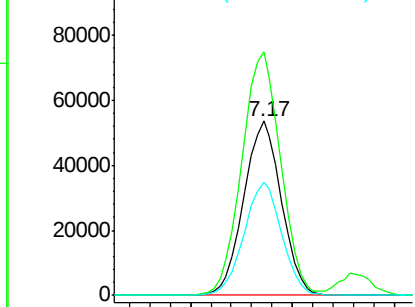
cis-1,2-Dichloroethene
Concen: 53.06 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 137968
Ion Ratio Lower Upper
96 100
61 143.3 0.0 279.8
98 64.8 0.0 127.6



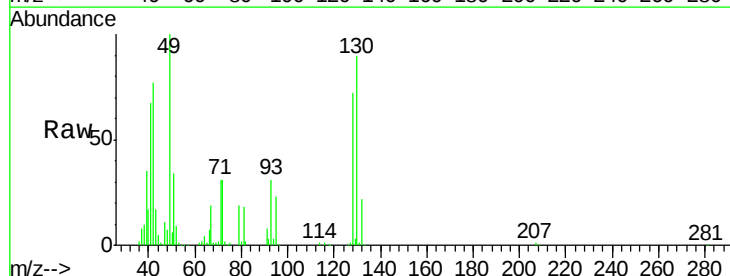
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



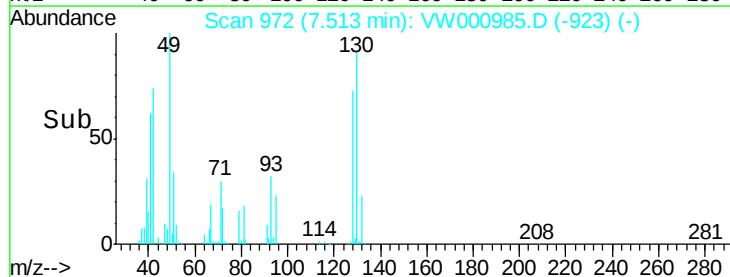
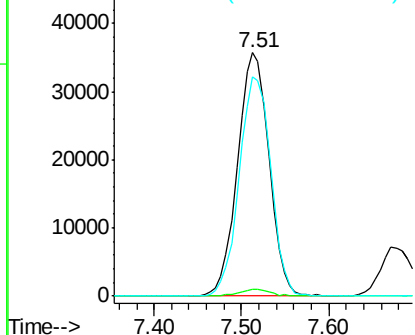
#28

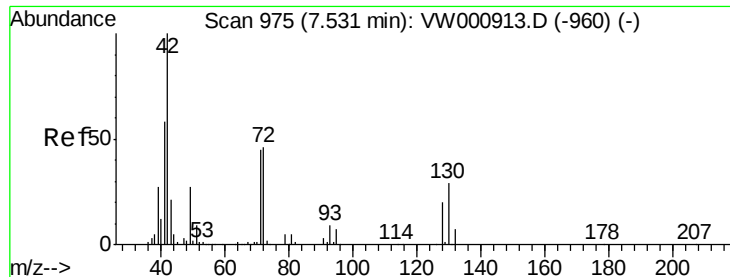
Bromochloromethane
Concen: 52.65 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Tgt Ion: 49 Resp: 89419
Ion Ratio Lower Upper
49 100
129 2.7 0.0 2.8
130 90.4 73.8 110.6



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#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

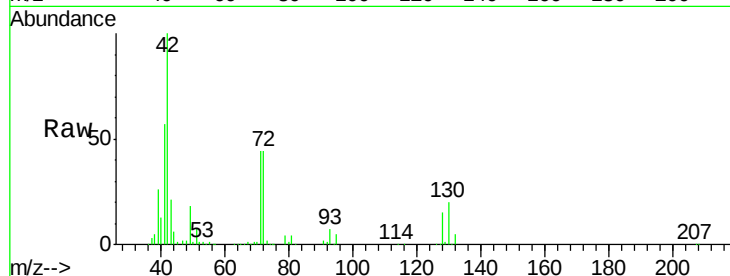
Tgt Ion: 42 Resp: 175011

Ion Ratio Lower Upper

42 100

72 44.9 37.1 55.7

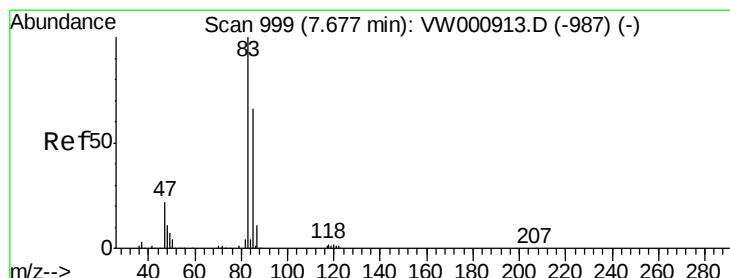
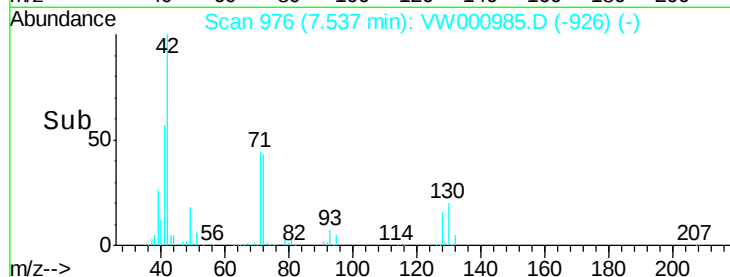
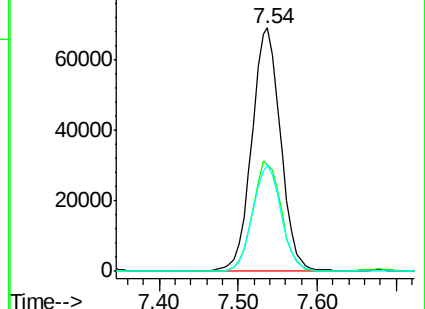
71 43.2 34.9 52.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 53.46 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW000985.D

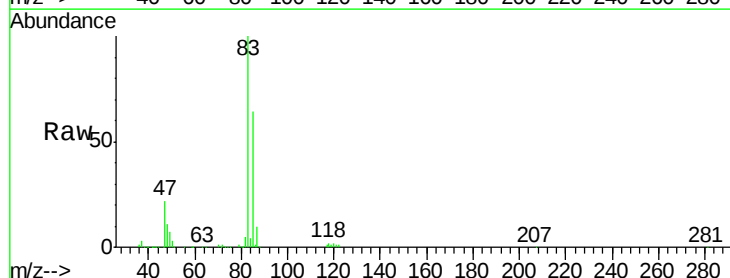
Acq: 25 Jan 2018 07:23

Tgt Ion: 83 Resp: 233107

Ion Ratio Lower Upper

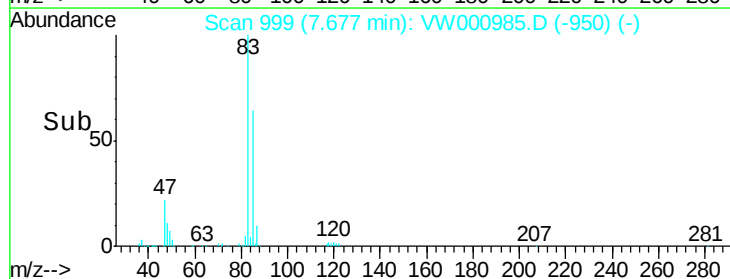
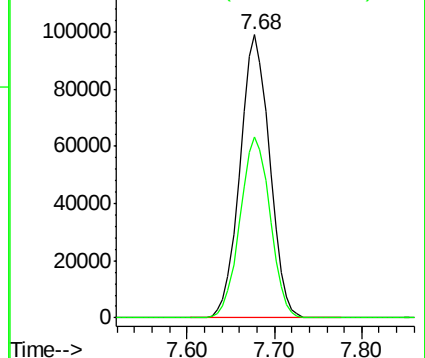
83 100

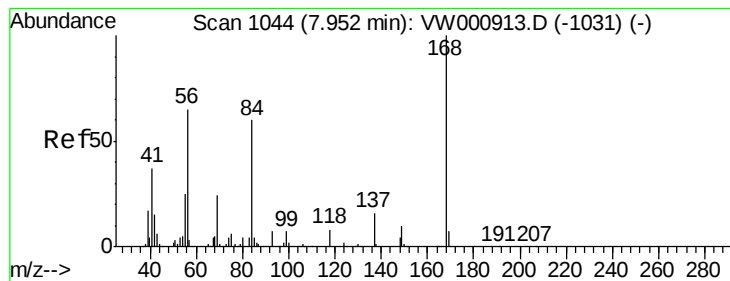
85 64.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#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

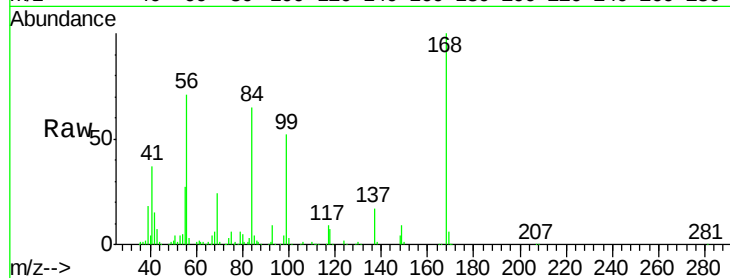
Tgt Ion: 56 Resp: 209388

Ion Ratio Lower Upper

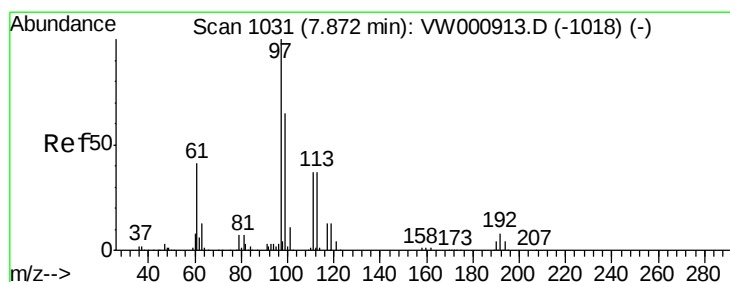
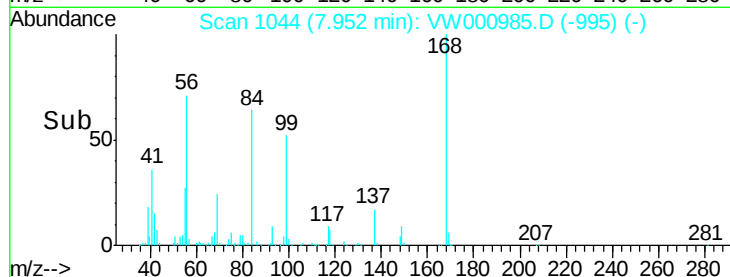
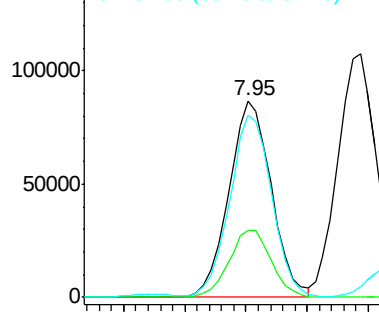
56 100

69 34.0 29.2 43.8

84 91.1 73.6 110.4



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

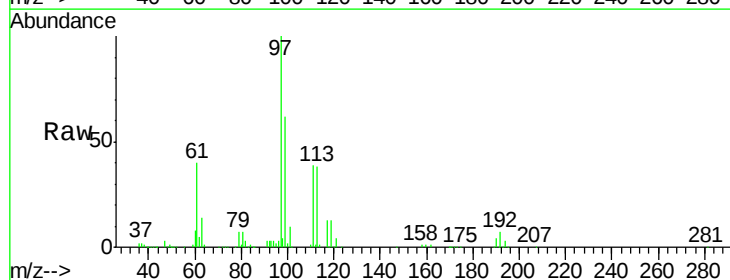
Tgt Ion: 97 Resp: 221210

Ion Ratio Lower Upper

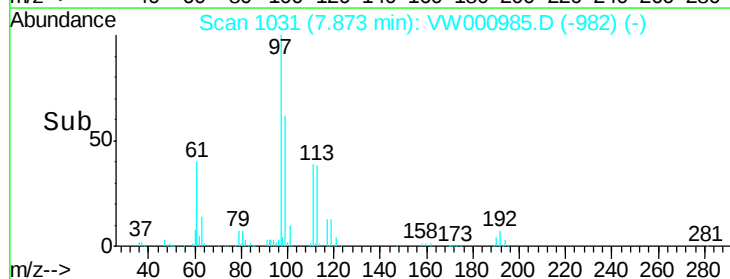
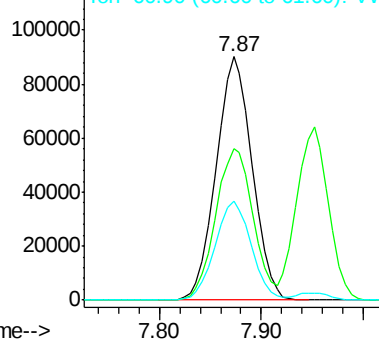
97 100

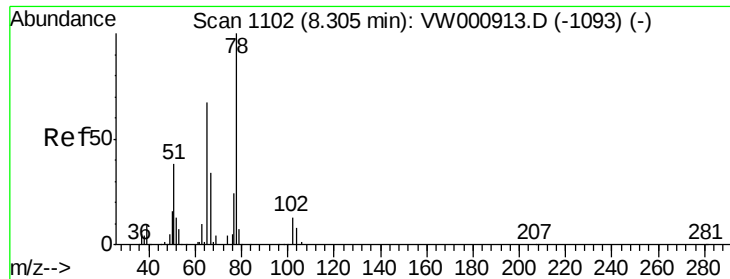
99 65.0 52.6 78.8

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 :

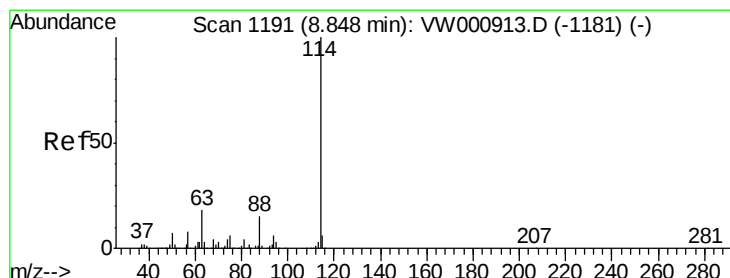
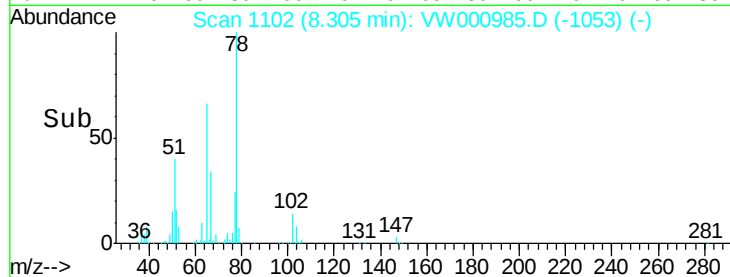
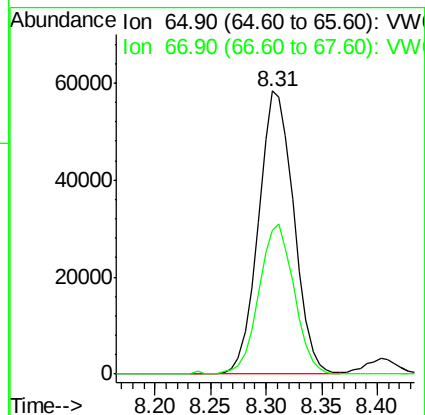
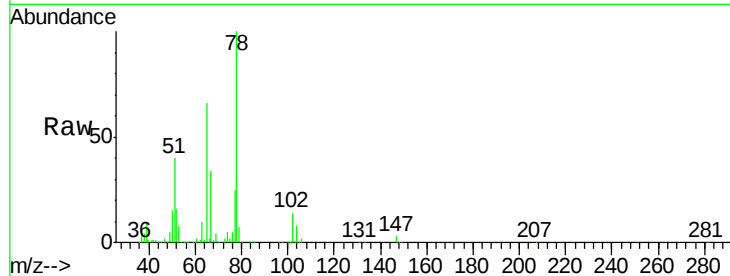
VSTDCCC050EC

Tgt Ion: 65 Resp: 128880

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#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

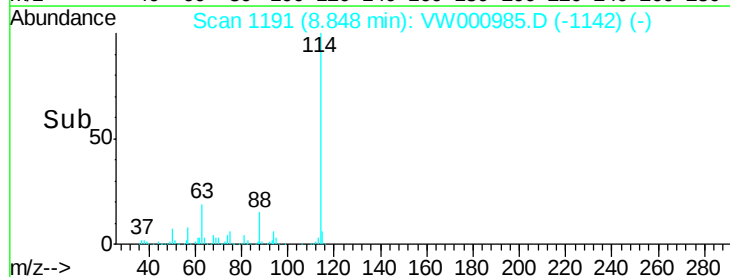
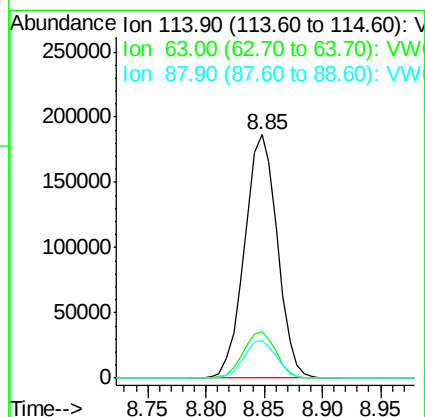
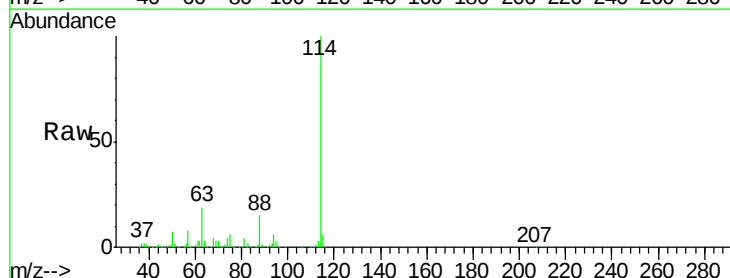
Tgt Ion: 114 Resp: 366867

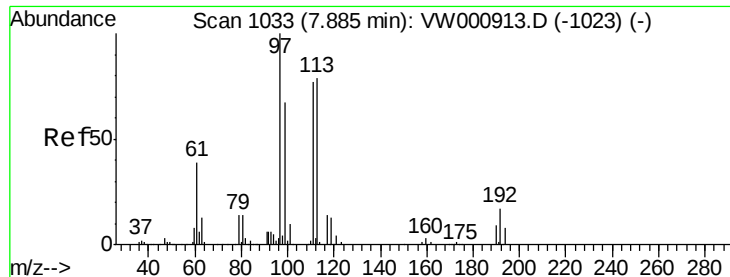
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 15.4 0.0 29.8

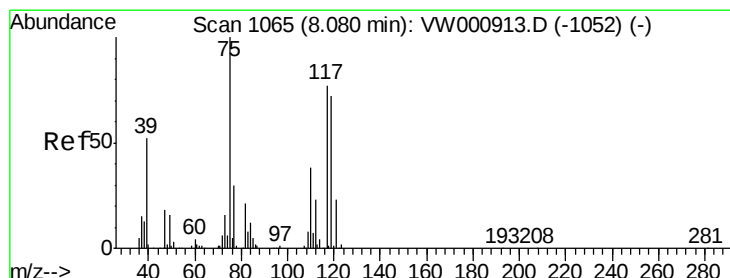
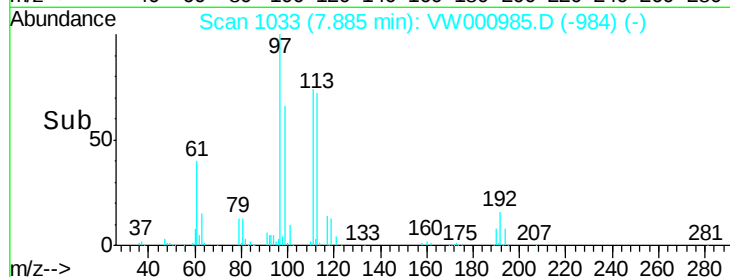
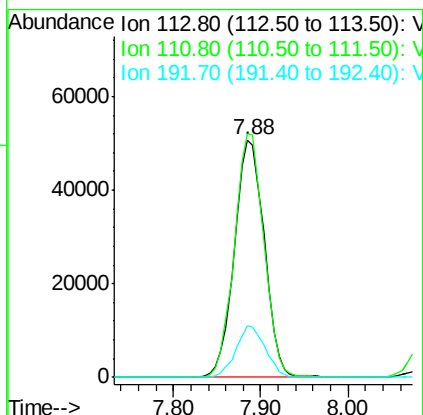
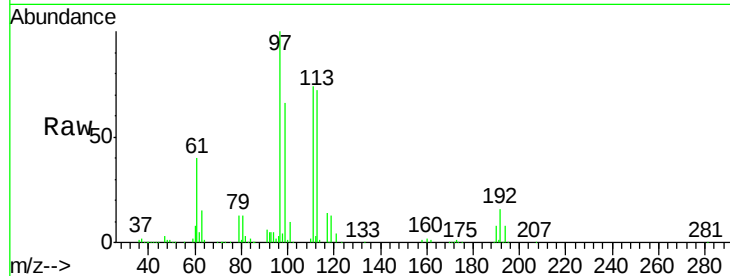




#35
 Dibromofluoromethane
 Concen: 53.55 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

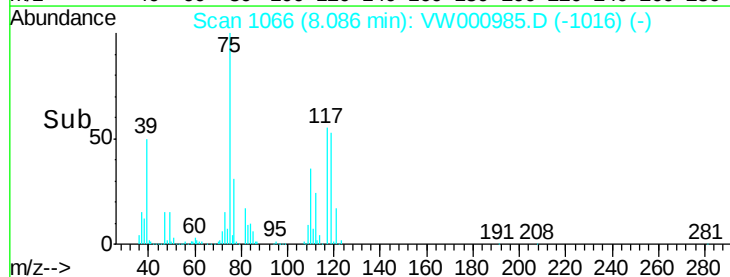
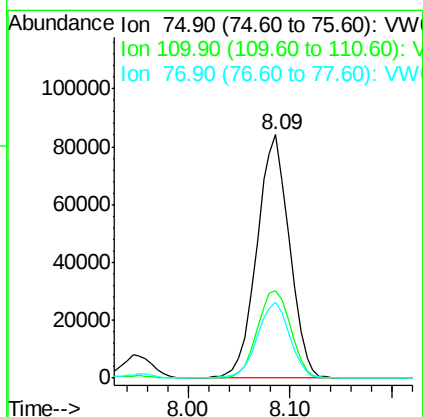
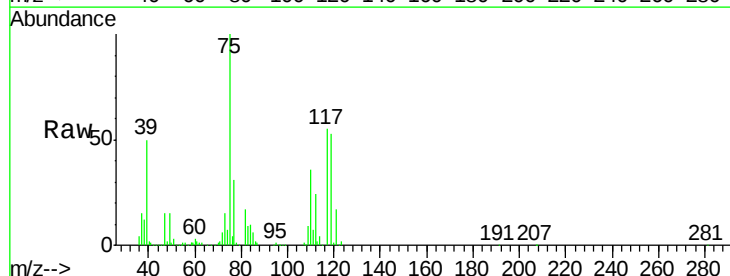
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

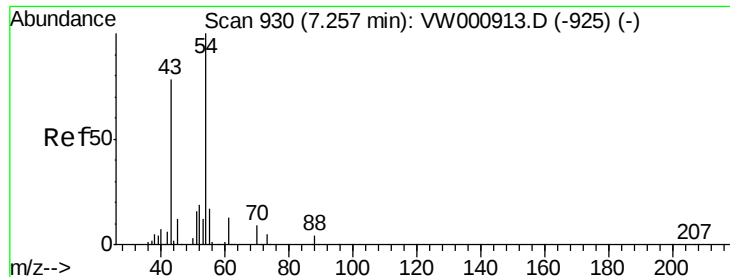
Tgt Ion: 113 Resp: 120349
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.4 120.6
 192 21.4 17.0 25.4



#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

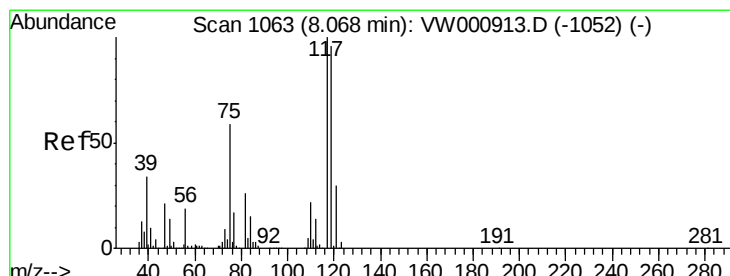
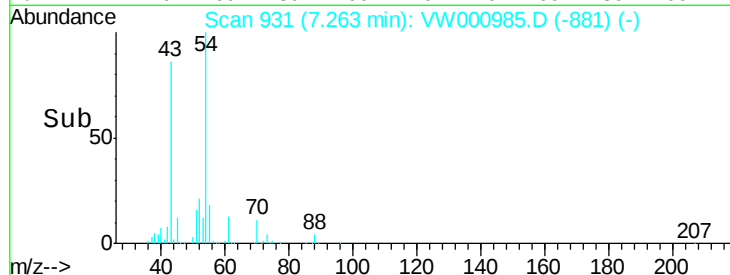
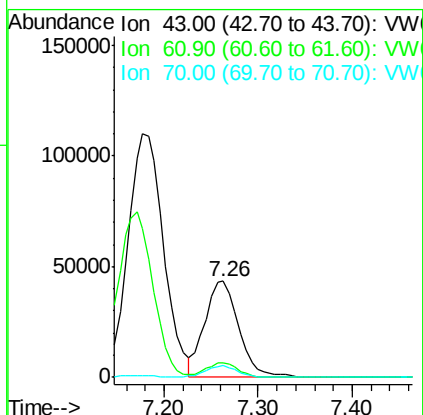
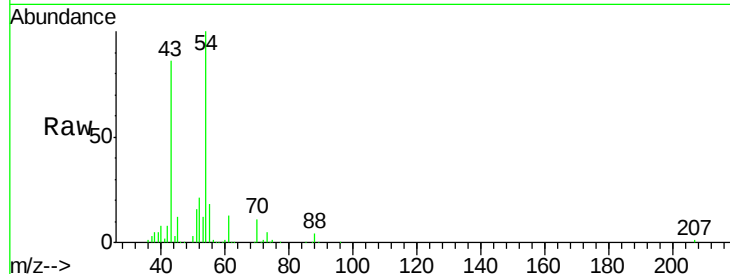




#37
Ethyl Acetate
Concen: 55.40 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

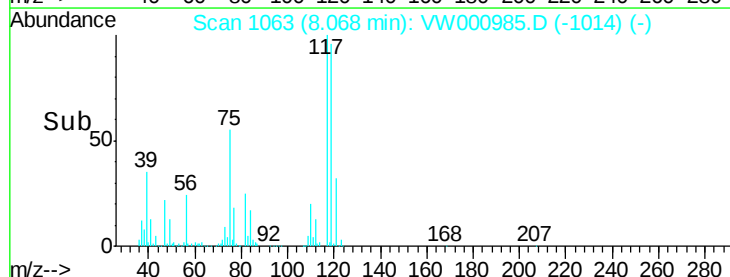
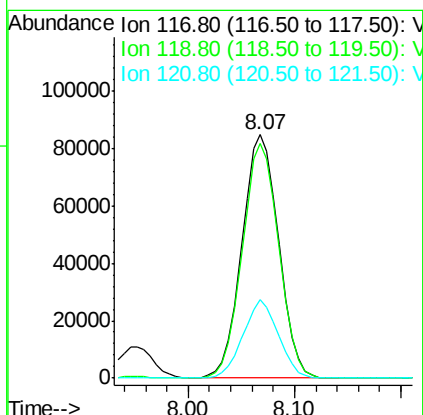
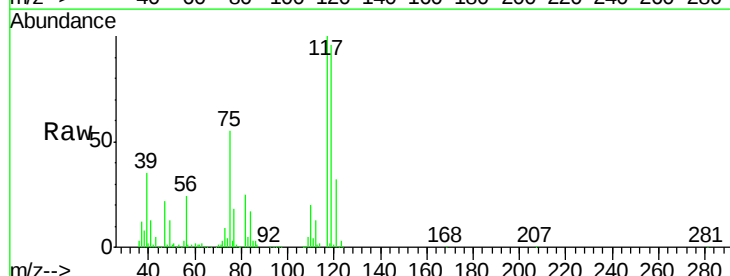
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

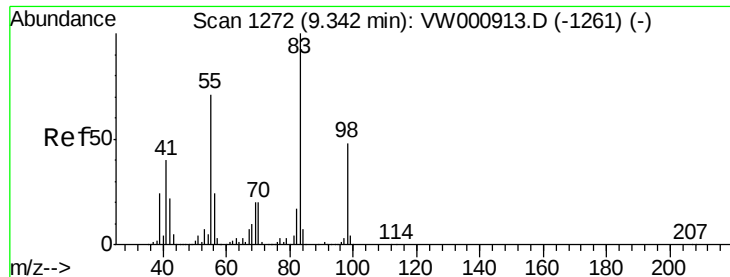
Tgt Ion: 43 Resp: 109456
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 11.4 9.1 13.7



#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: 117 Resp: 205158
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7
121 32.1 24.3 36.5

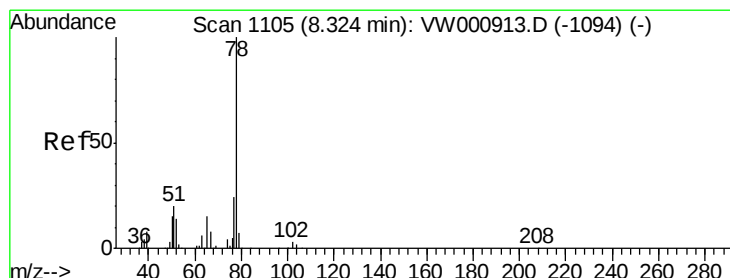
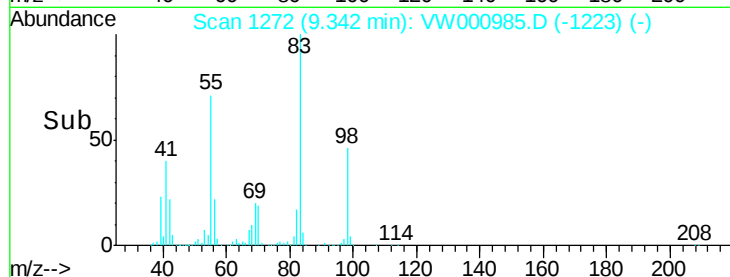
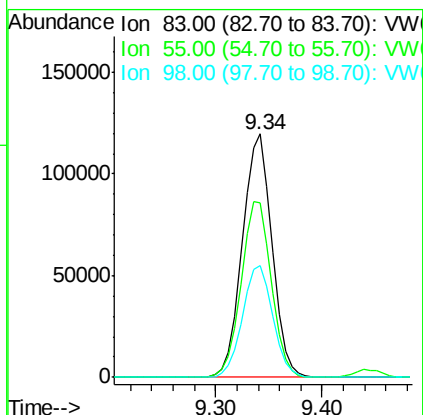
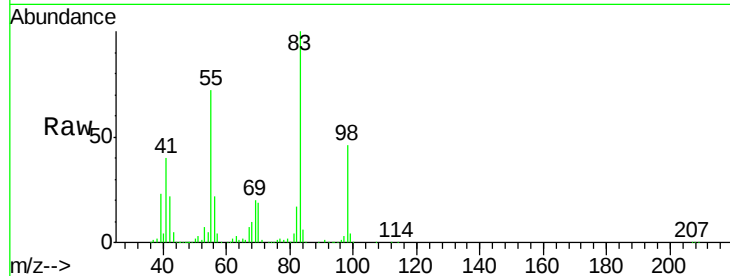




#39
Methylcyclohexane
Concen: 55.52 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

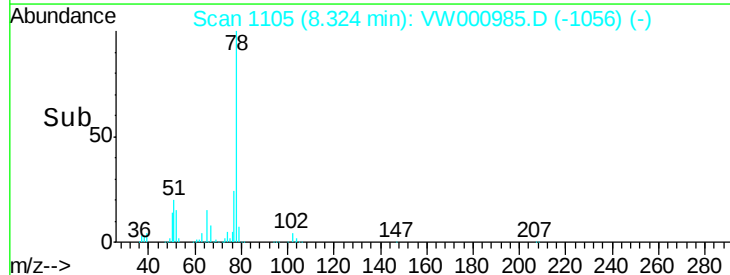
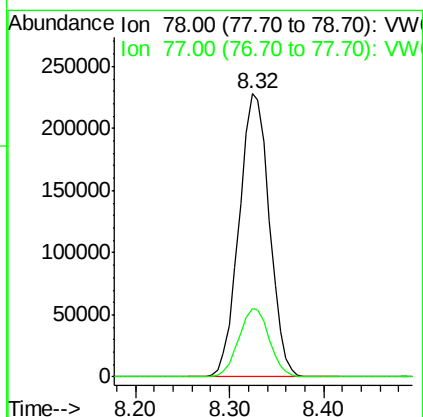
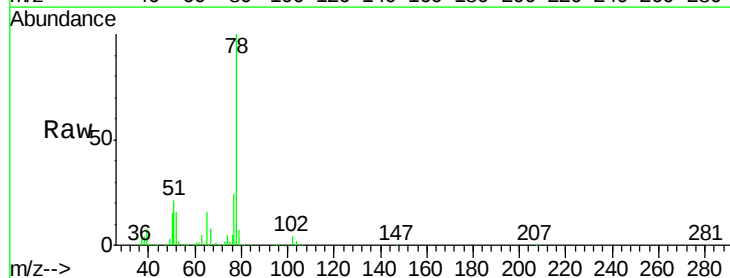
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

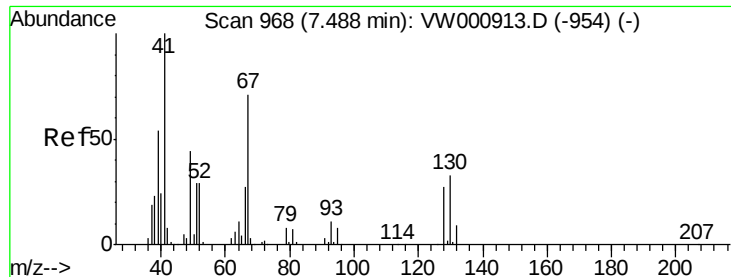
Tgt Ion: 83 Resp: 234092
Ion Ratio Lower Upper
83 100
55 71.5 56.4 84.6
98 45.9 38.2 57.4



#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: 78 Resp: 510184
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

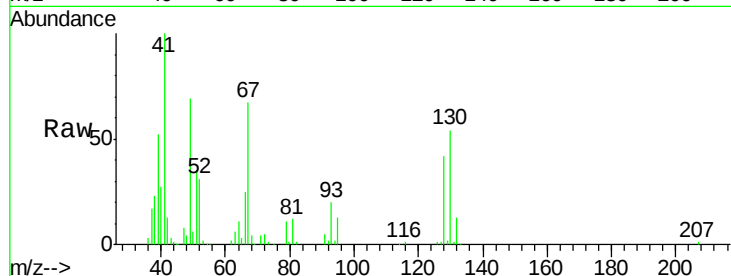




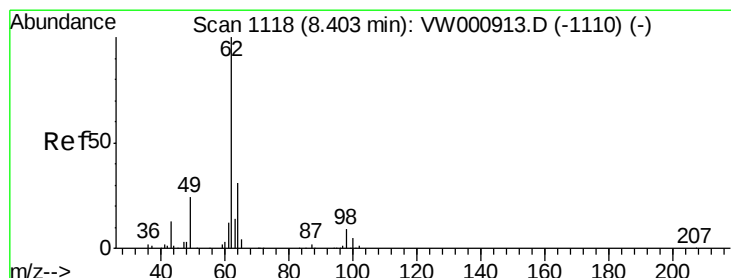
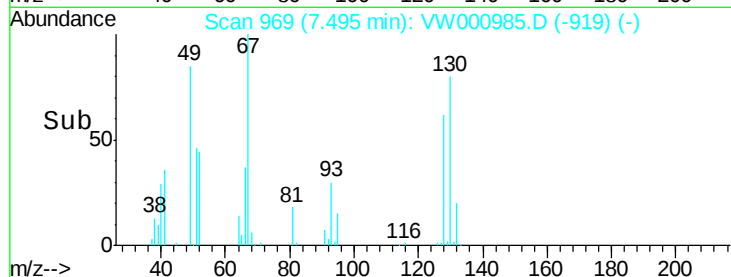
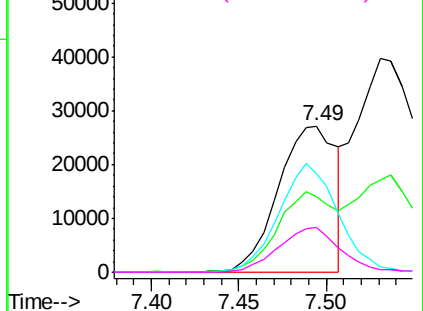
#41
Methacrylonitrile
Concen: 56.87 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt 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

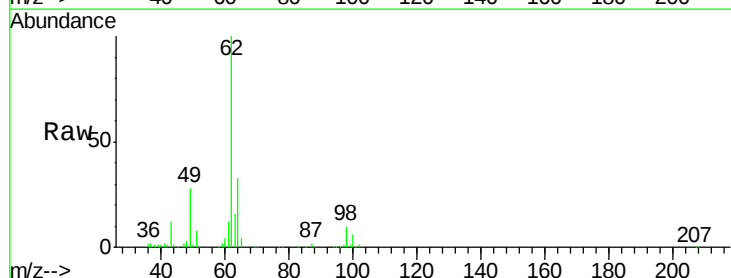


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

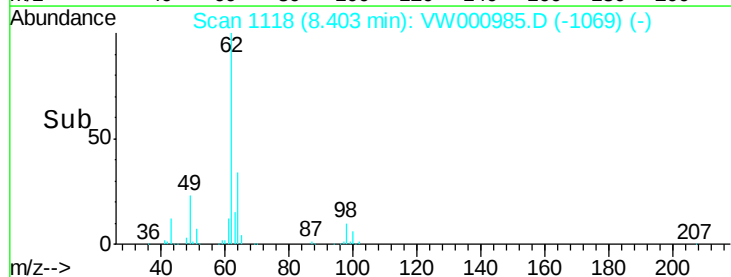
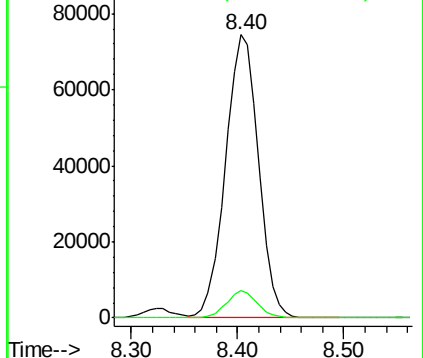


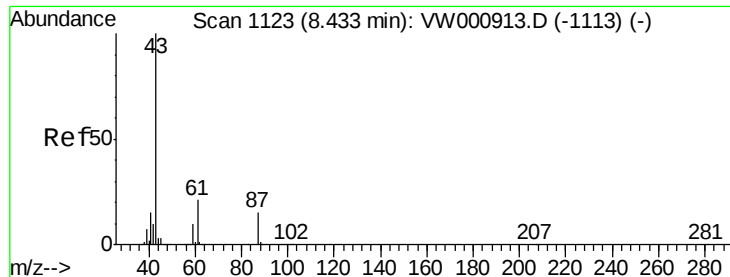
#42
1,2-Dichloroethane
Concen: 55.00 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

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



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#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

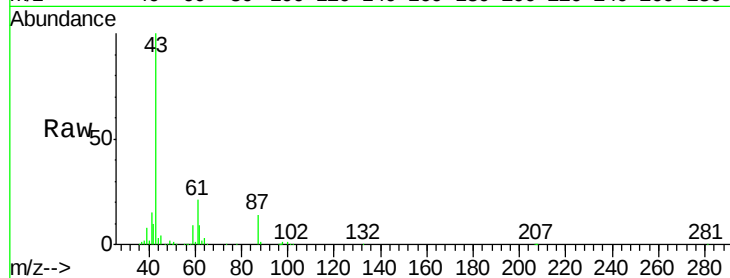
Tgt Ion: 43 Resp: 186456

Ion Ratio Lower Upper

43 100

61 29.0 23.6 35.4

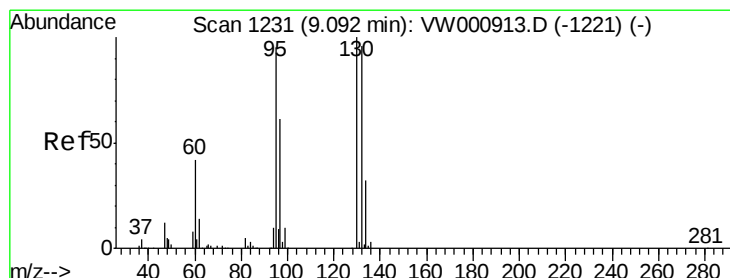
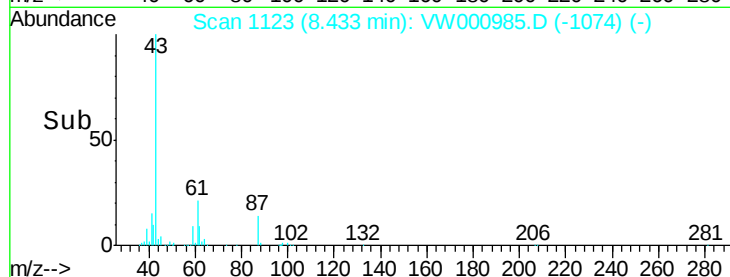
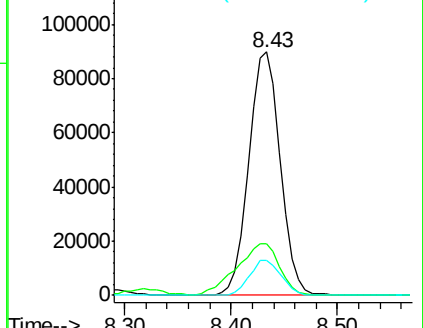
87 14.7 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 53.56 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW000985.D

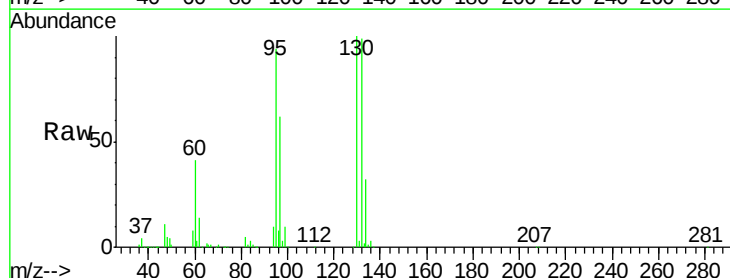
Acq: 25 Jan 2018 07:23

Tgt Ion: 130 Resp: 151473

Ion Ratio Lower Upper

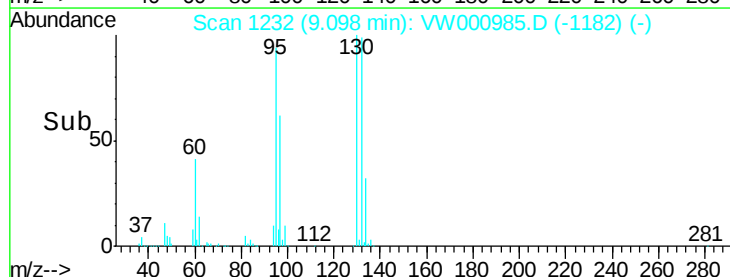
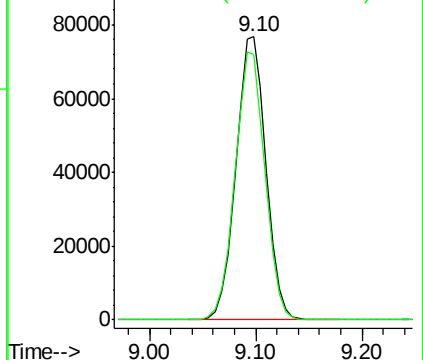
130 100

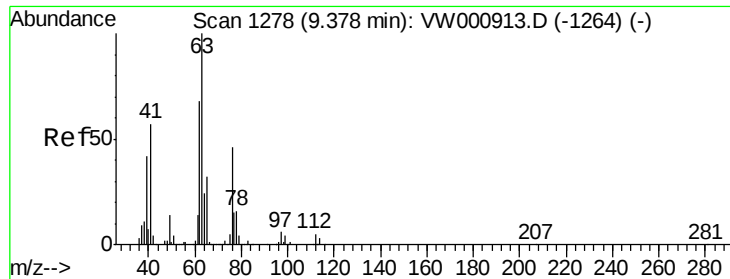
95 93.6 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#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 :

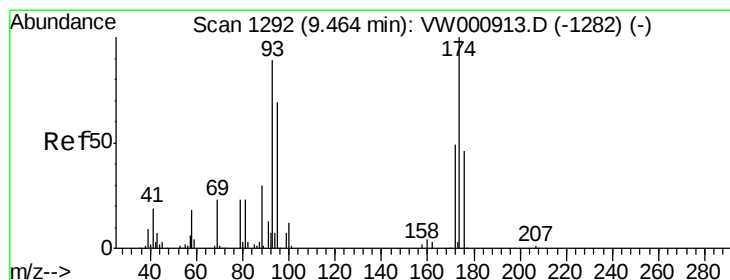
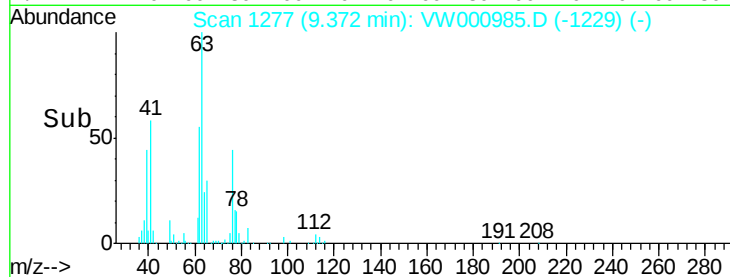
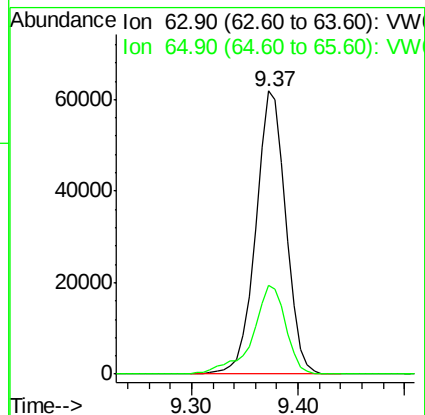
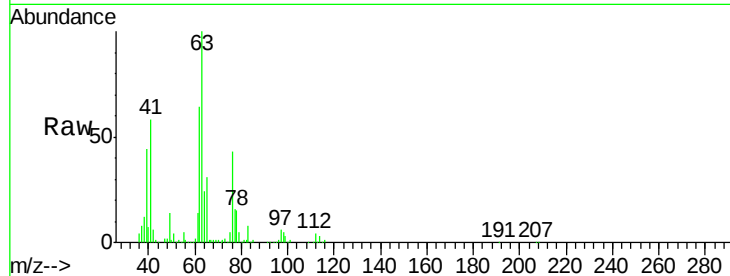
VSTDCCC050EC

Tgt Ion: 63 Resp: 122025

Ion Ratio Lower Upper

63 100

65 31.4 25.2 37.8



#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

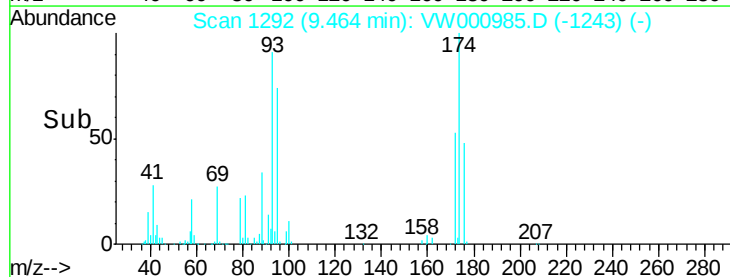
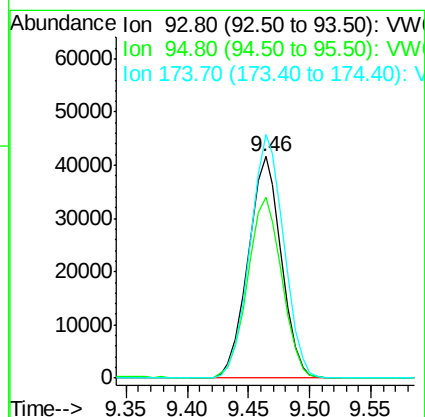
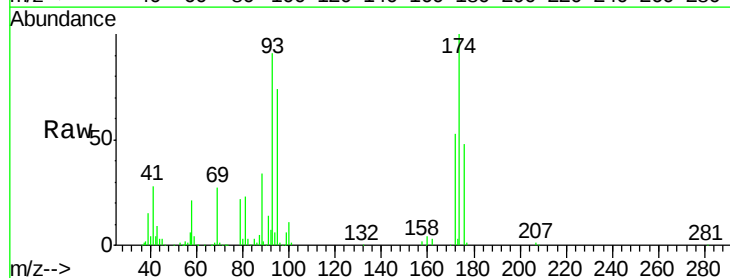
Tgt Ion: 93 Resp: 78520

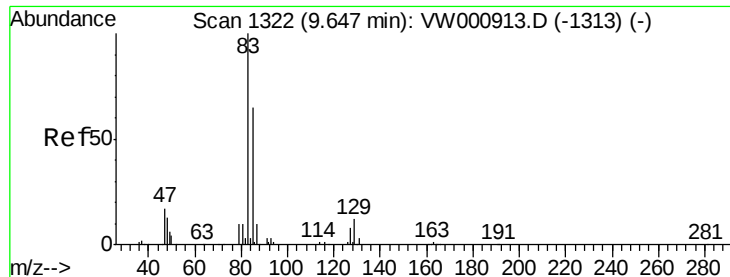
Ion Ratio Lower Upper

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

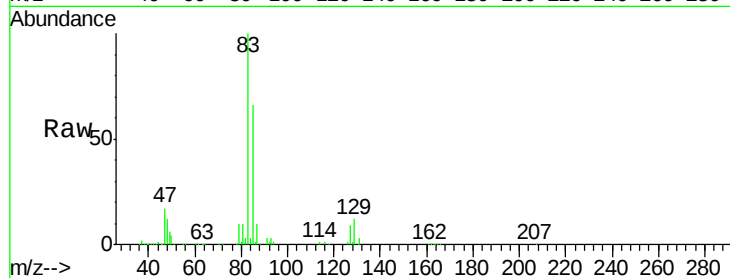
Tgt Ion: 83 Resp: 172196

Ion Ratio Lower Upper

83 100

85 65.5 52.0 78.0

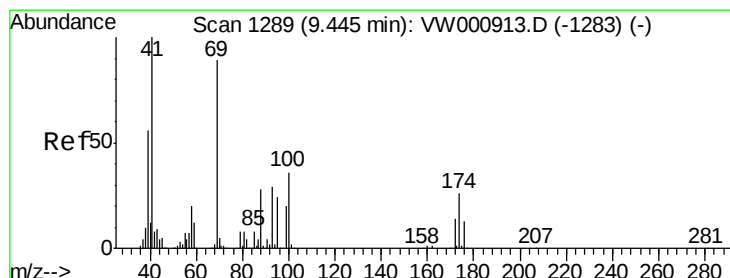
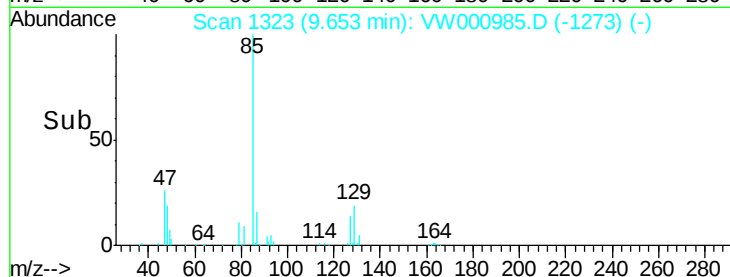
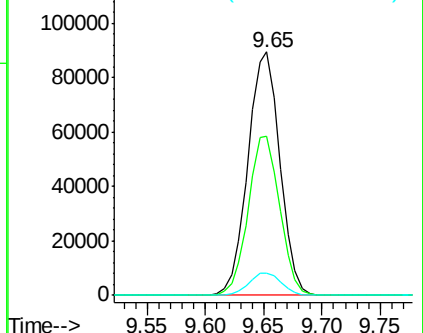
127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#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

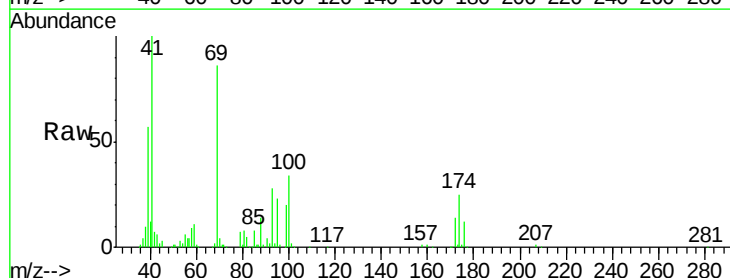
Tgt Ion: 41 Resp: 92653

Ion Ratio Lower Upper

41 100

69 92.1 72.9 109.3

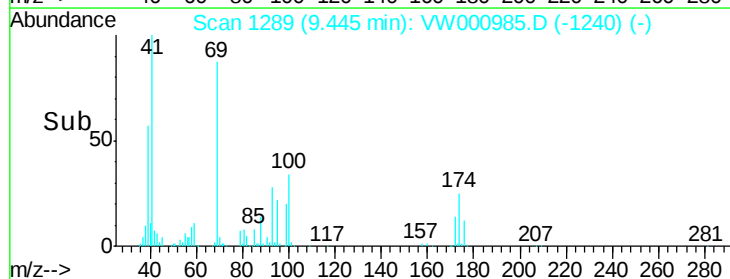
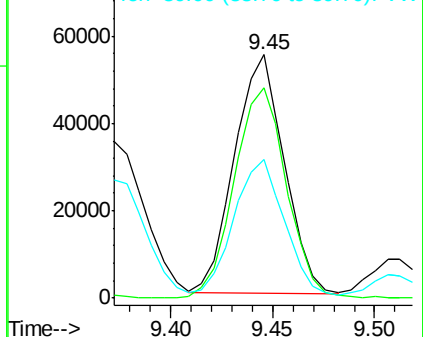
39 60.2 48.4 72.6

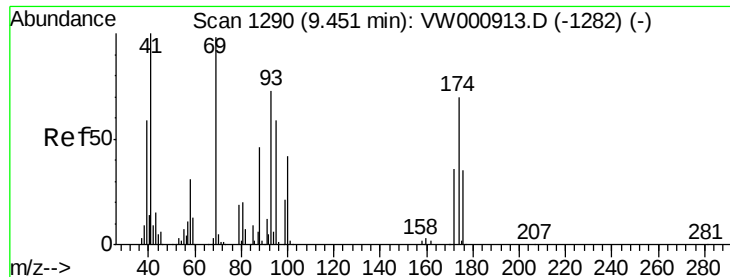


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#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

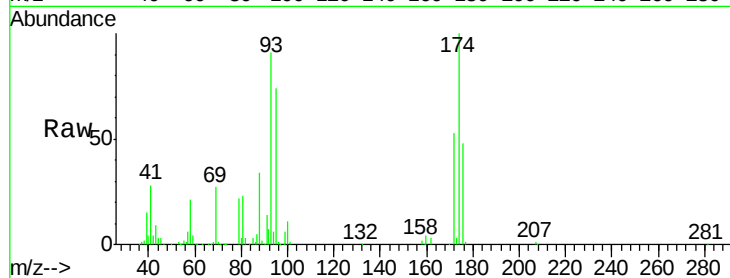
Tgt Ion: 88 Resp: 33761

Ion Ratio Lower Upper

88 100

43 26.6 24.5 36.7

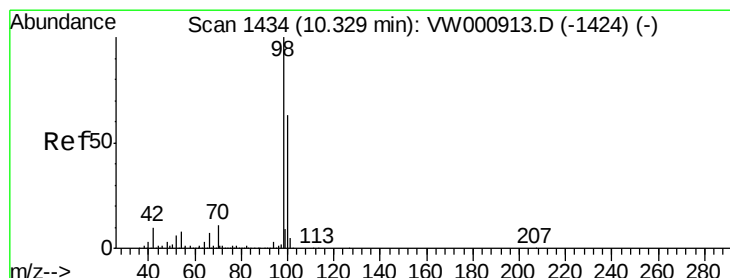
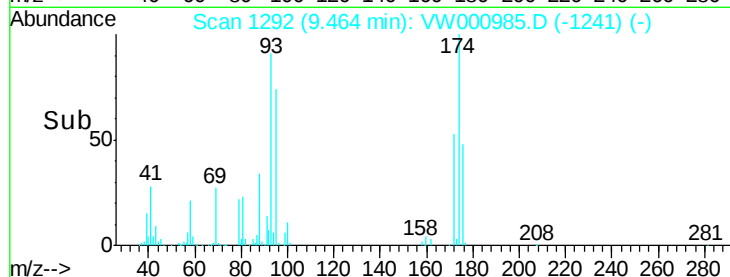
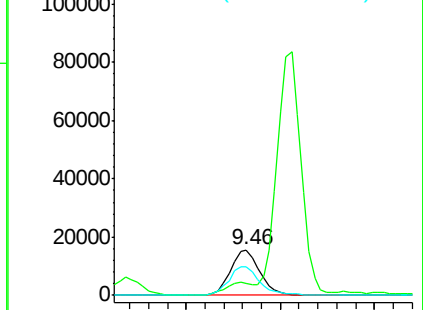
58 67.6 54.7 82.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.54 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW000985.D

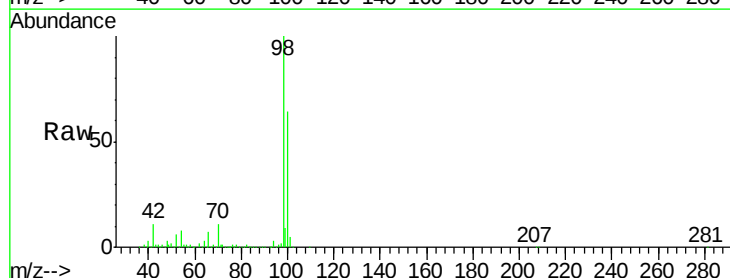
Acq: 25 Jan 2018 07:23

Tgt Ion: 98 Resp: 456672

Ion Ratio Lower Upper

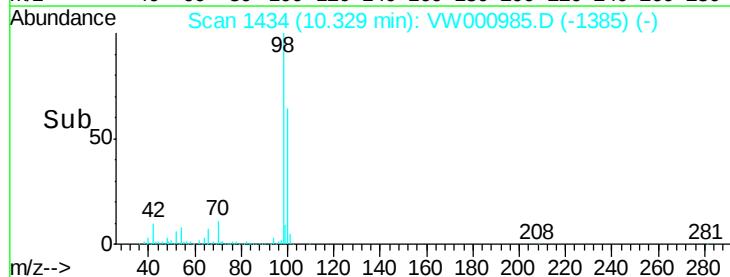
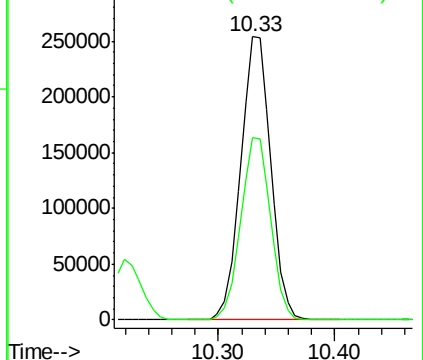
98 100

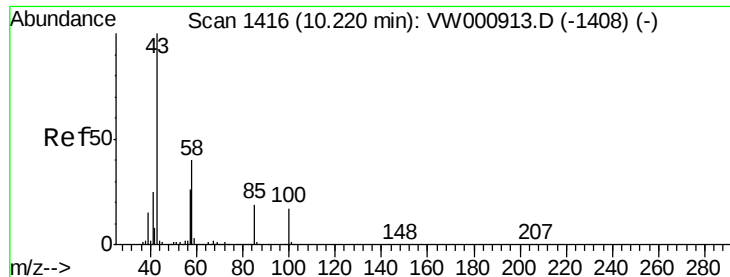
100 64.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

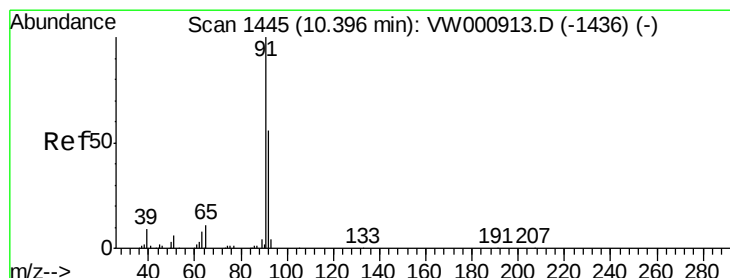
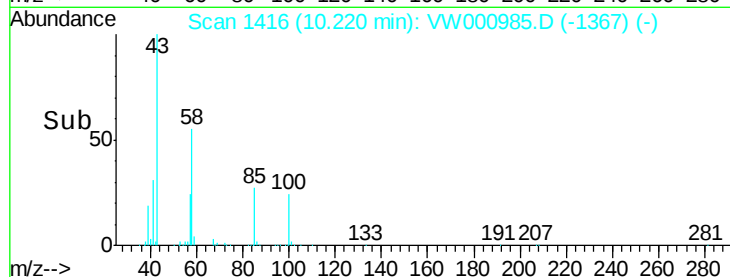
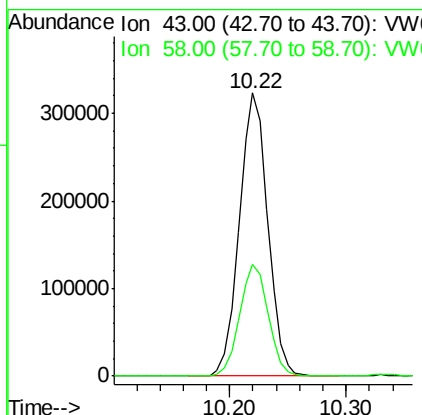
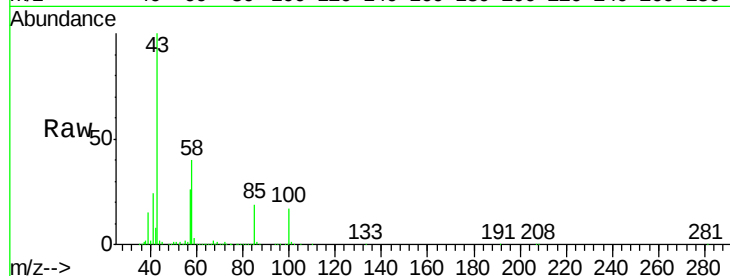




#51
 4-Methyl-2-Pentanone
 Concen: 285.37 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

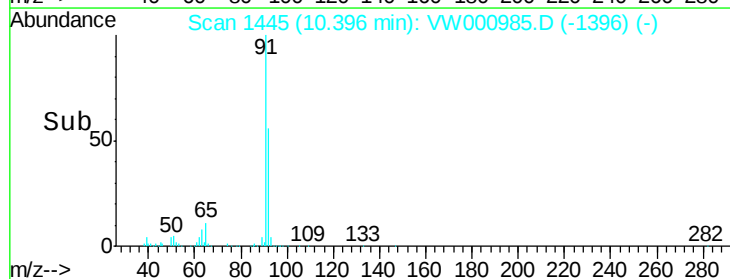
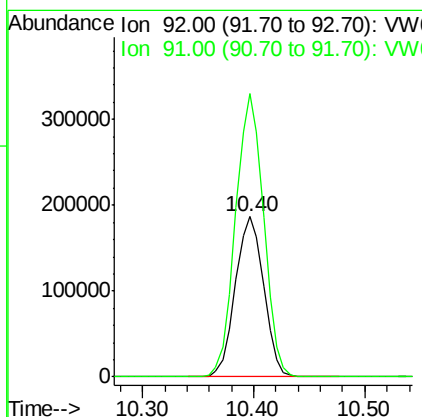
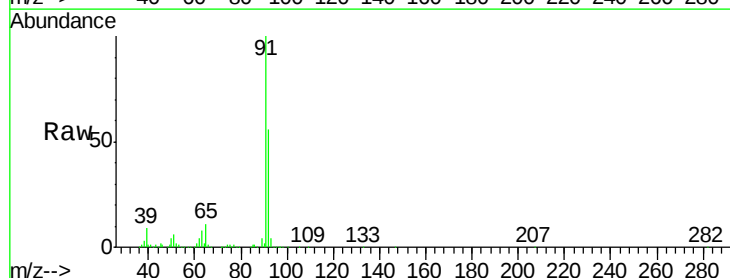
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

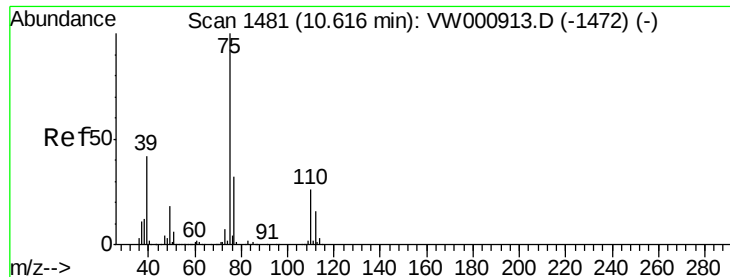
Tgt Ion: 43 Resp: 550022
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.0 48.0



#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: 92 Resp: 328818
 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 :

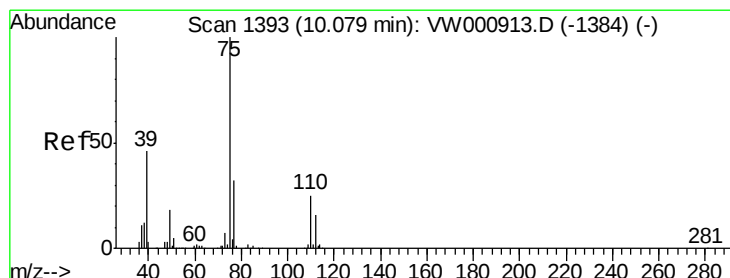
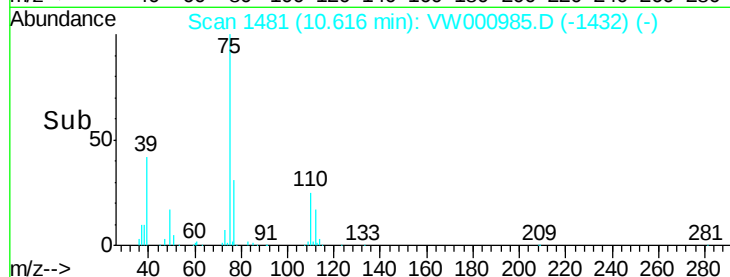
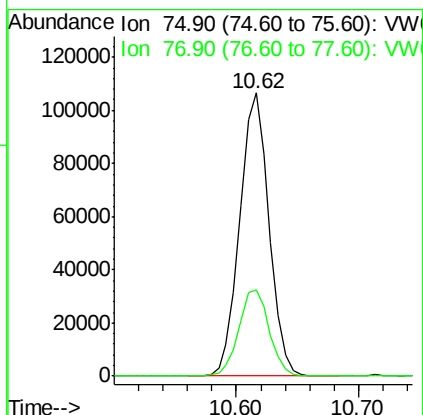
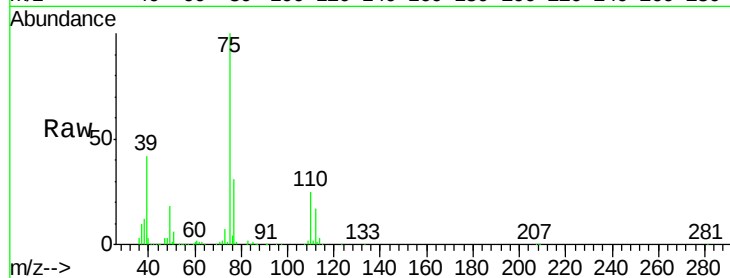
VSTDCCC050EC

Tgt Ion: 75 Resp: 176496

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5



#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

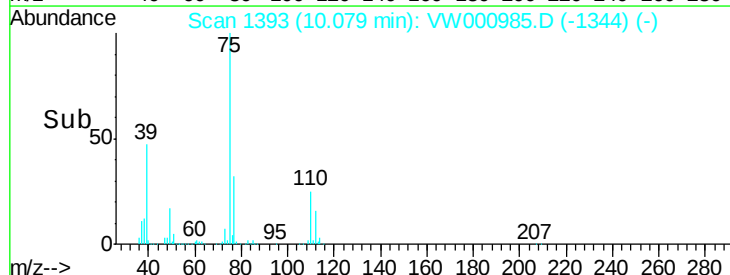
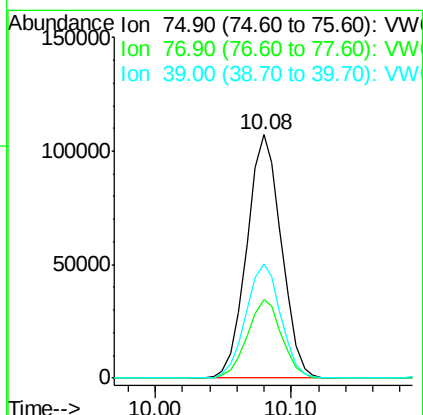
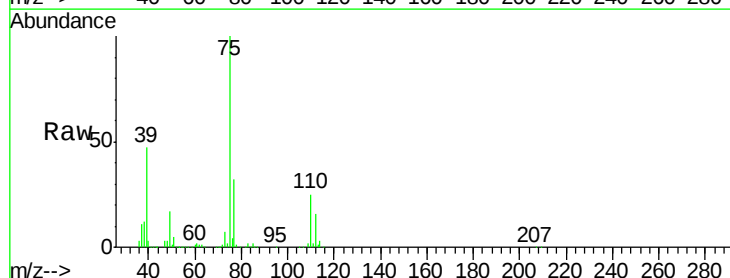
Tgt Ion: 75 Resp: 190624

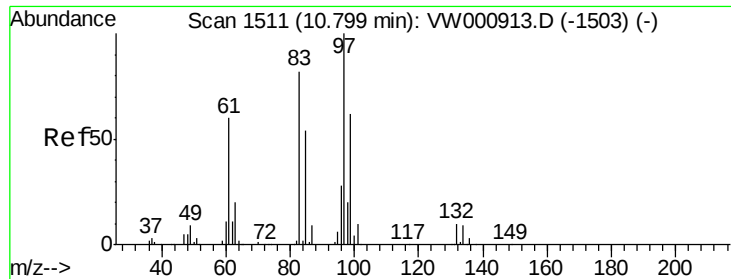
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 46.6 37.0 55.6

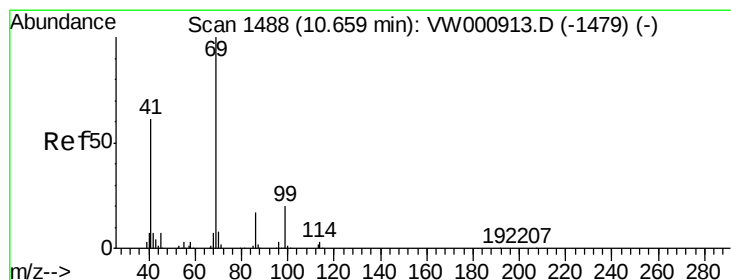
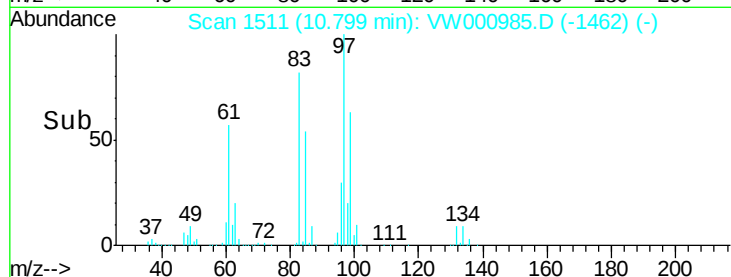
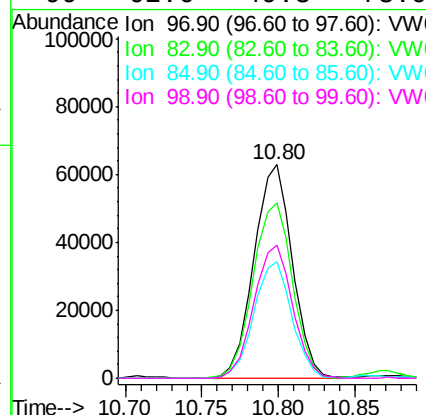
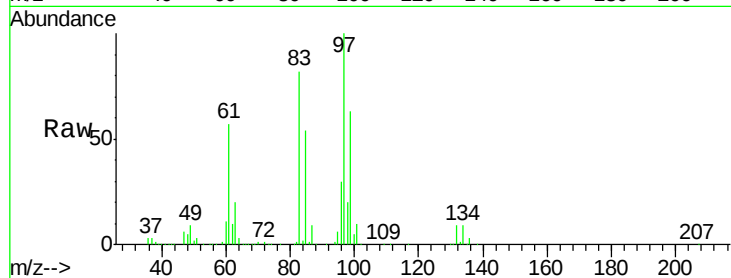




#55
 1,1,2-Trichloroethane
 Concen: 55.40 ug/l
 RT: 10.80 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

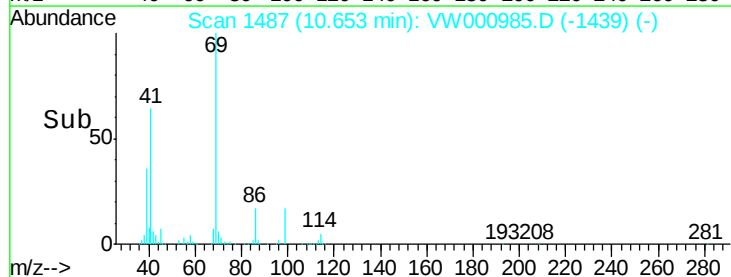
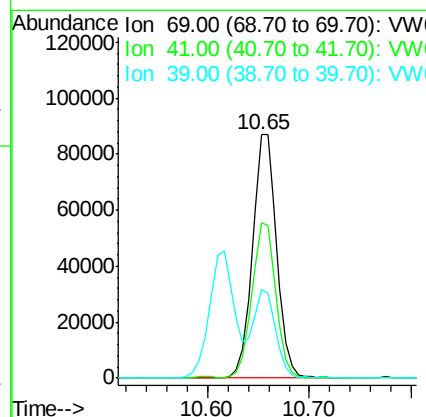
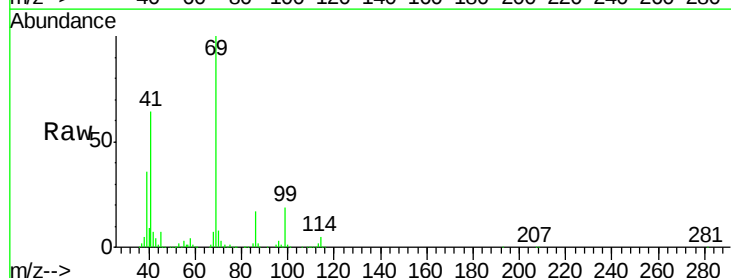
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

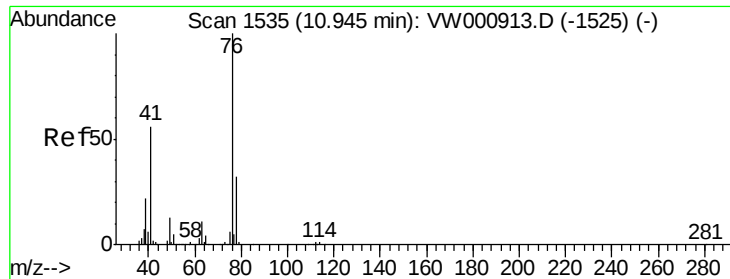
Tgt Ion: 97 Resp: 109759
 Ion Ratio Lower Upper
 97 100
 83 82.5 65.2 97.8
 85 54.3 43.1 64.7
 99 62.6 49.3 73.9



#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

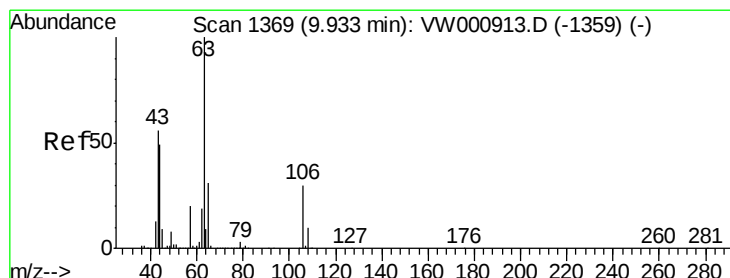
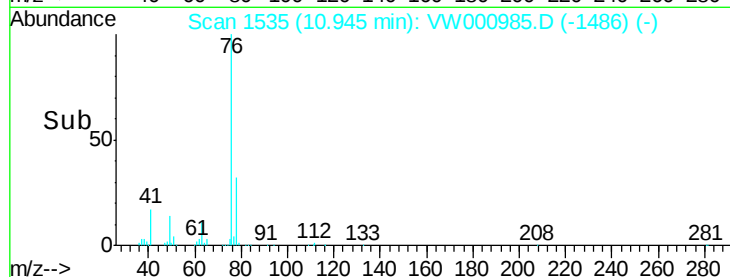
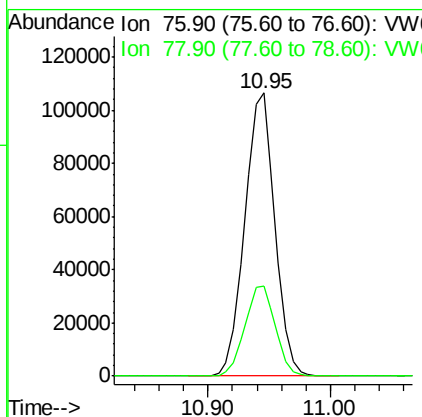
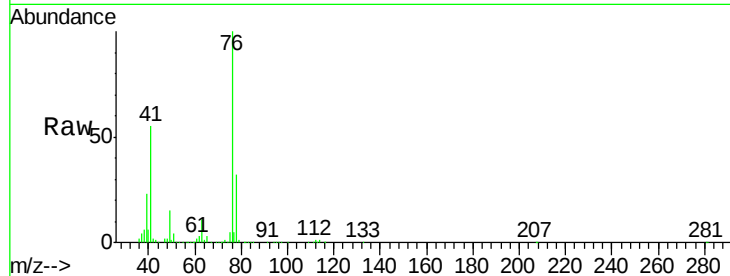




#57
 1,3-Dichloropropane
 Concen: 56.16 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

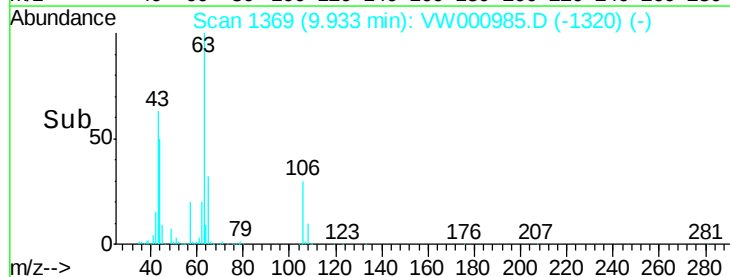
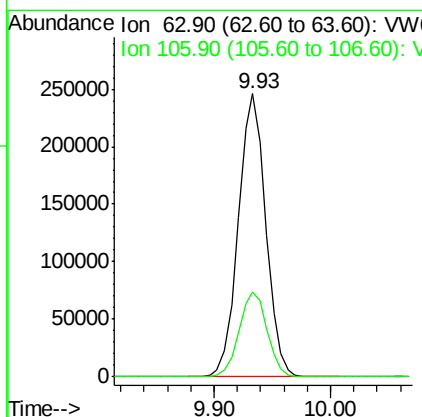
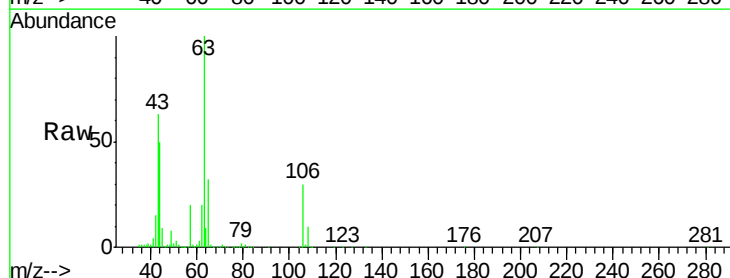
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

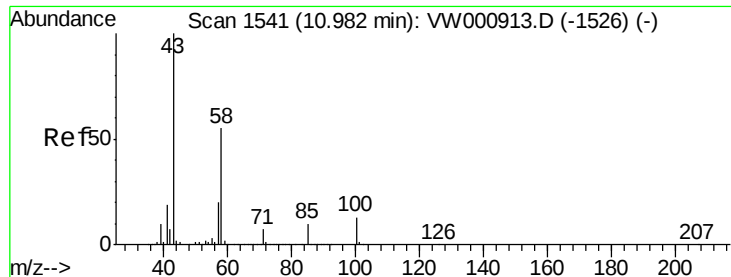
Tgt Ion: 76 Resp: 181685
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#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

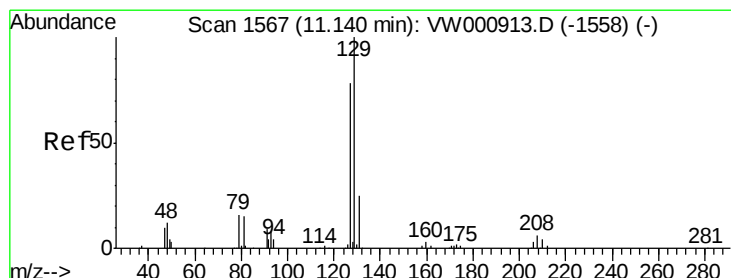
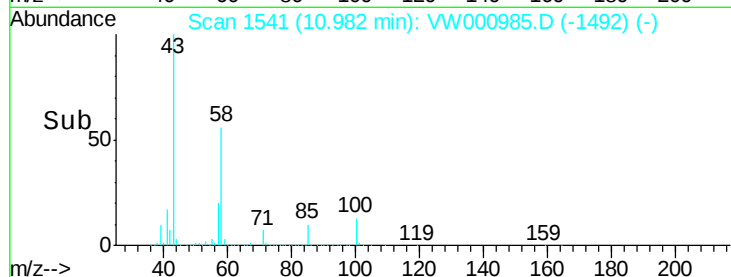
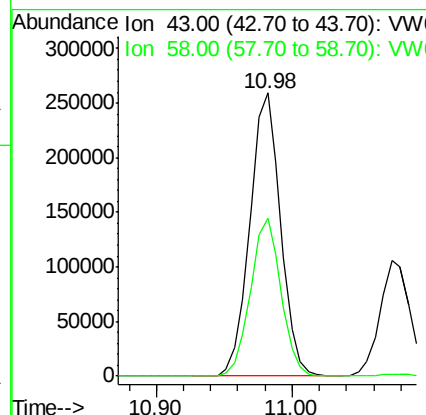
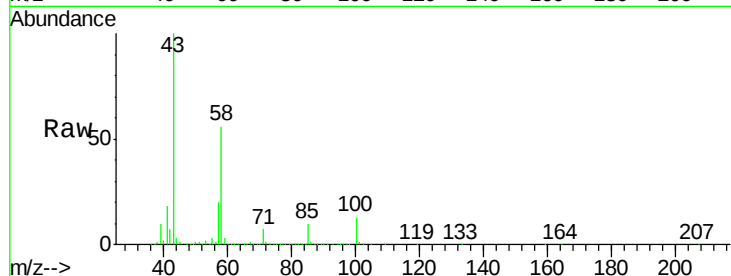




#59
2-Hexanone
Concen: 242.02 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

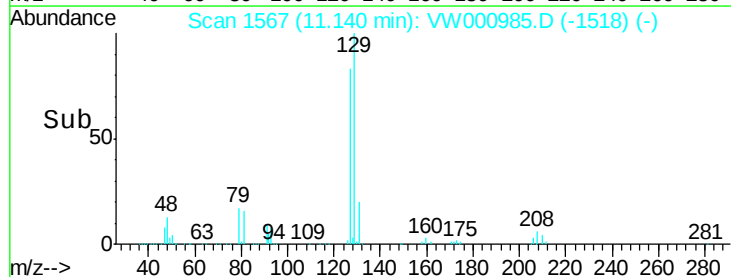
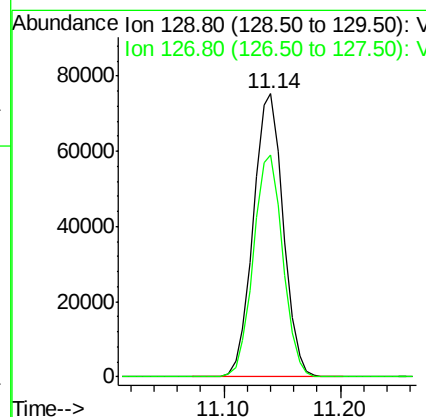
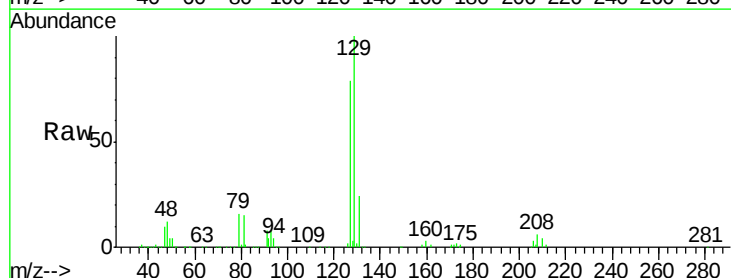
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

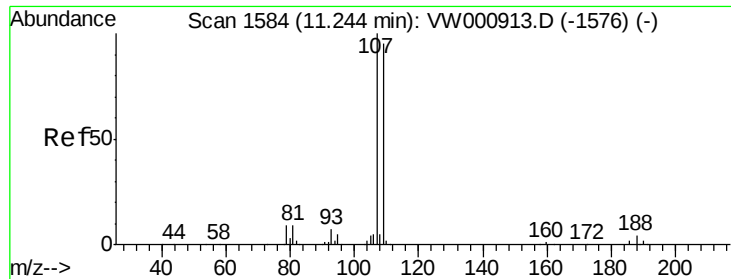
Tgt Ion: 43 Resp: 409237
Ion Ratio Lower Upper
43 100
58 55.5 27.4 82.2



#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

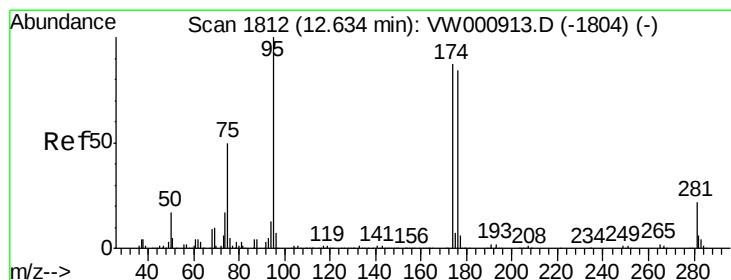
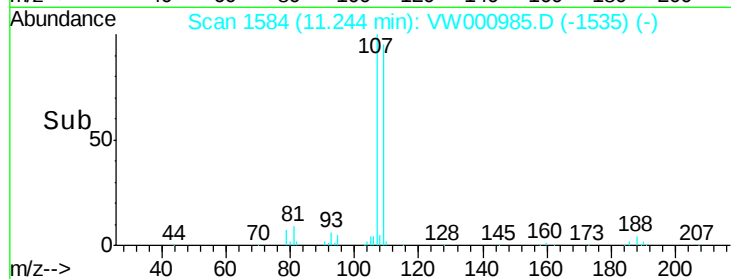
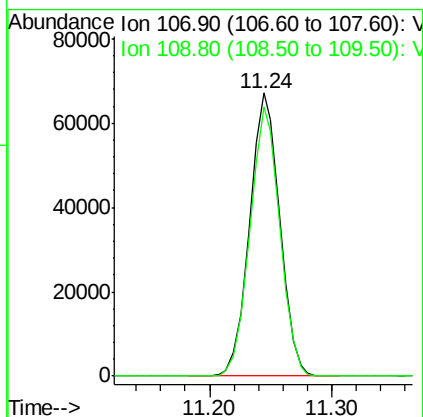
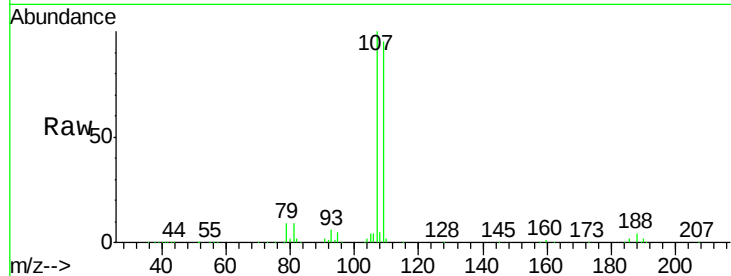




#61
 1,2-Dibromoethane
 Concen: 55.83 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

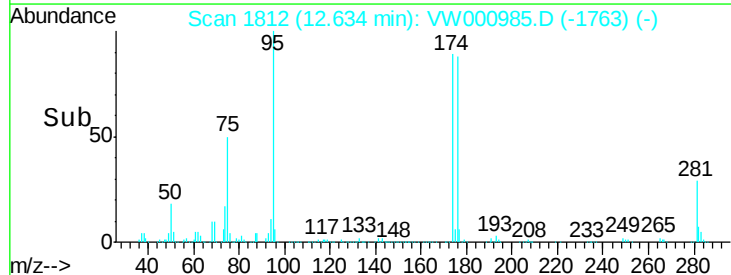
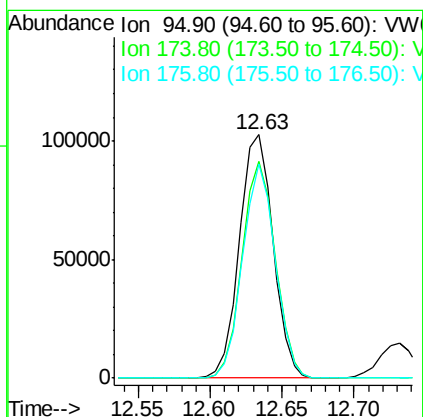
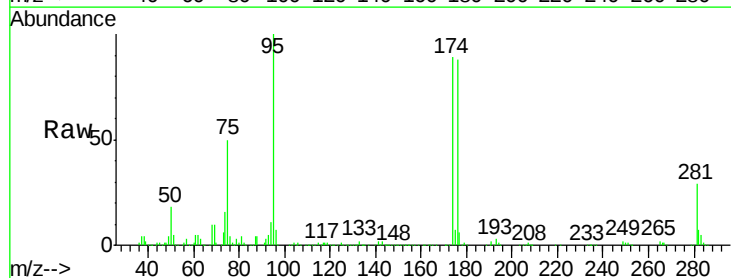
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

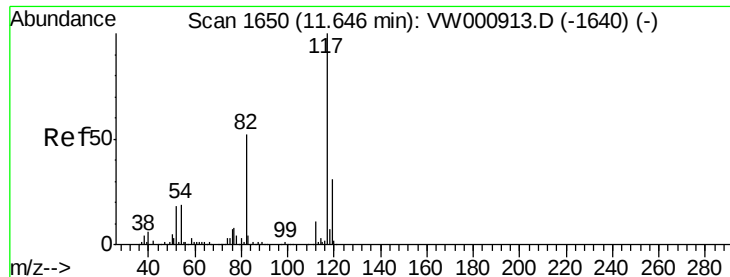
Tgt Ion: 107 Resp: 115238
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.0 114.0



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

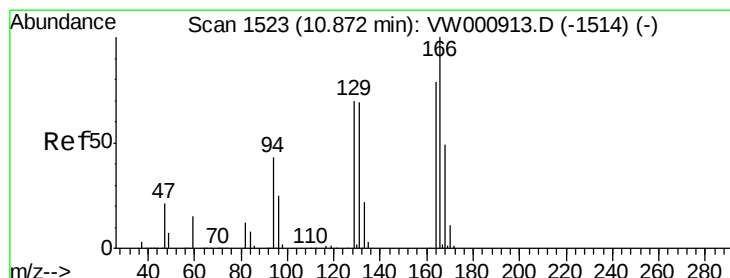
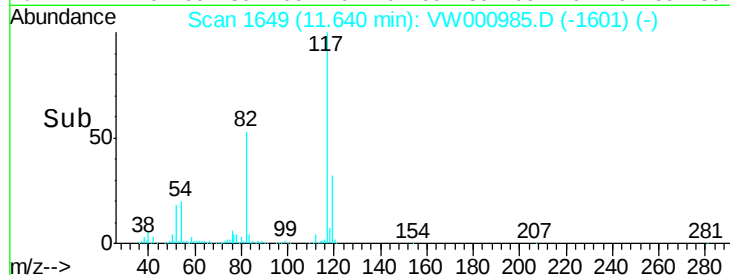
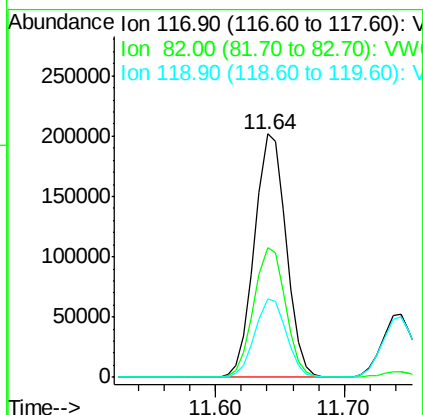
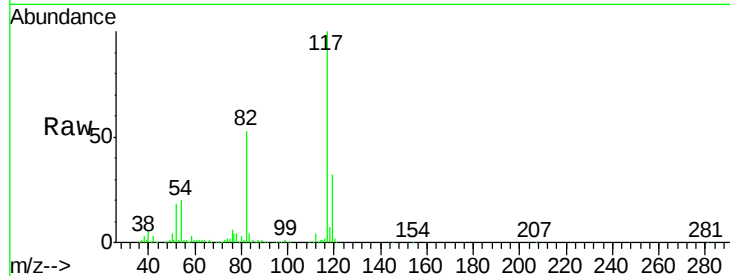




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

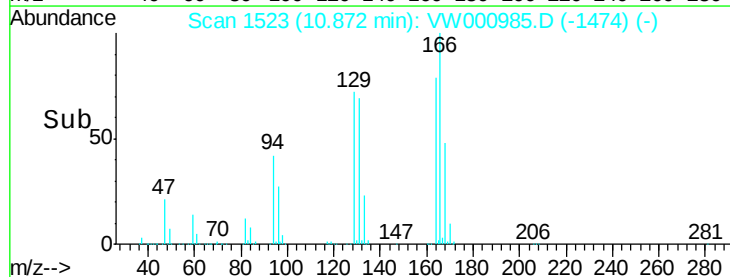
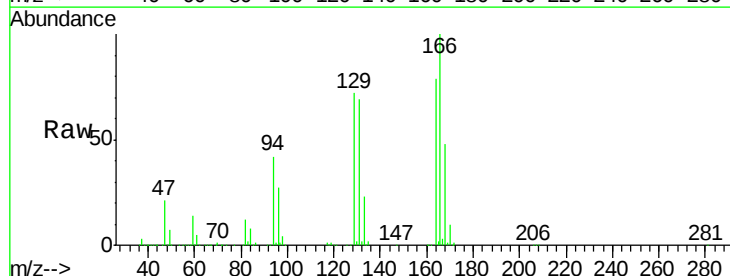
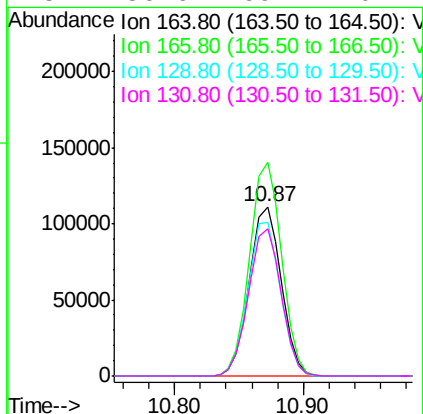
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

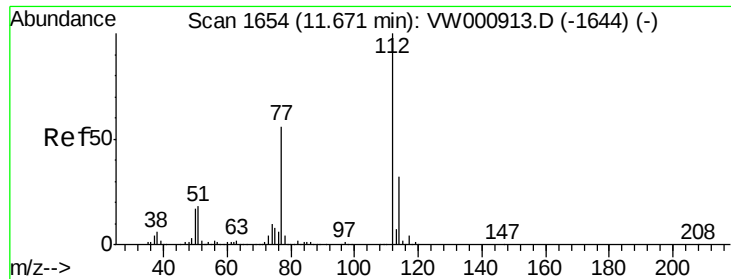
Tgt Ion:117 Resp: 342307
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 32.5 25.2 37.8



#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:164 Resp: 190774
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 :

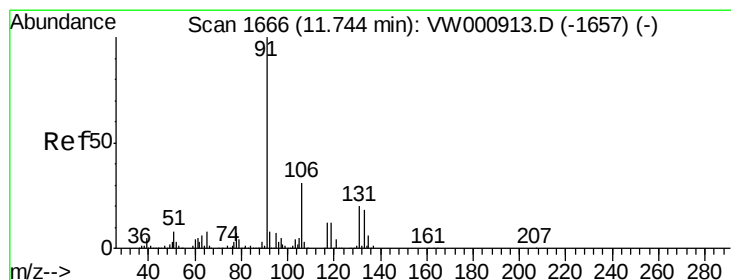
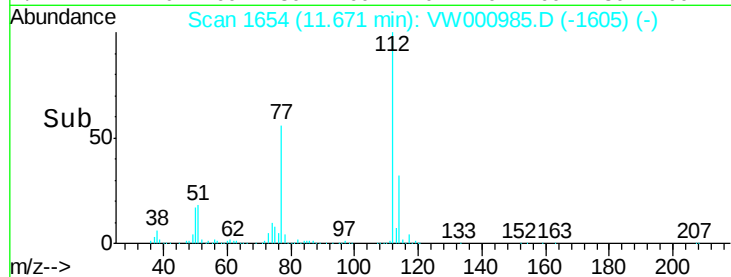
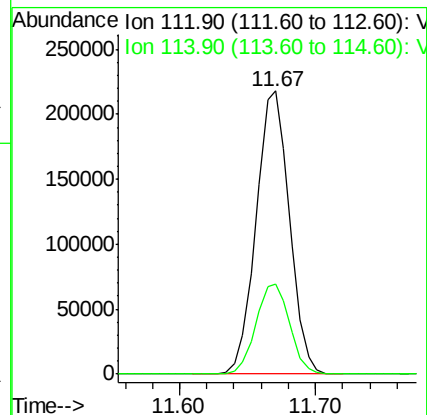
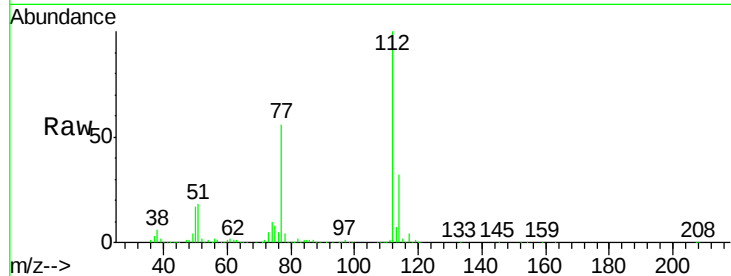
VSTDCCC050EC

Tgt Ion:112 Resp: 374107

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



#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

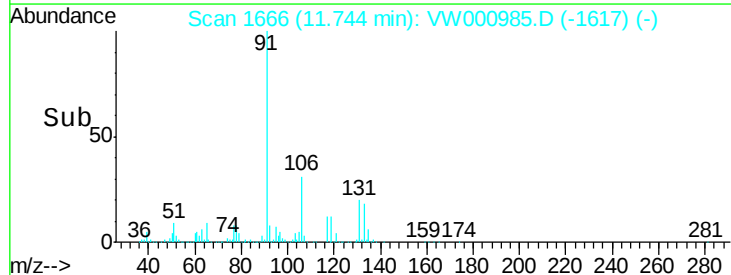
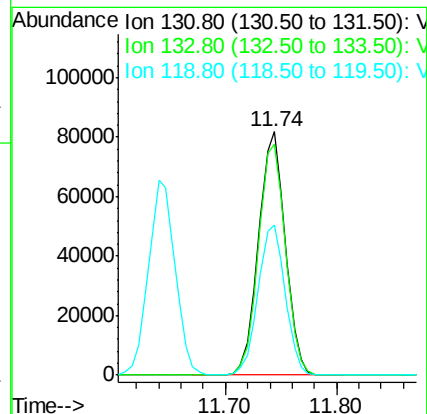
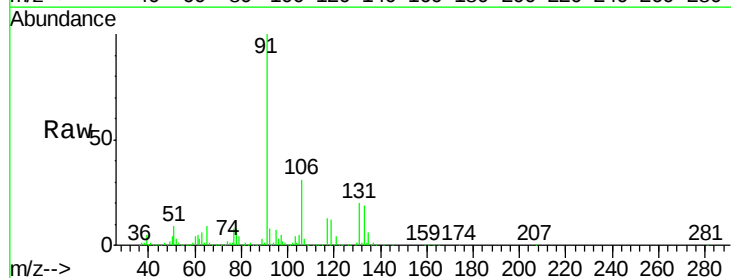
Tgt Ion:131 Resp: 137143

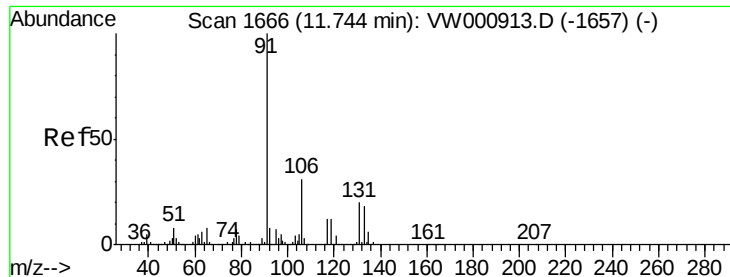
Ion Ratio Lower Upper

131 100

133 96.3 47.3 142.0

119 62.8 31.6 94.7

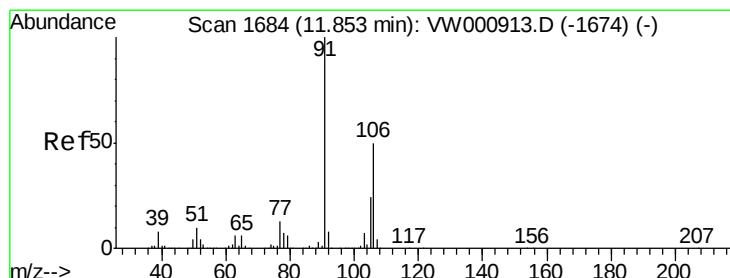
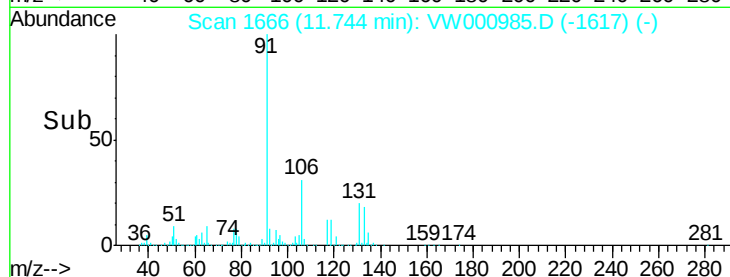
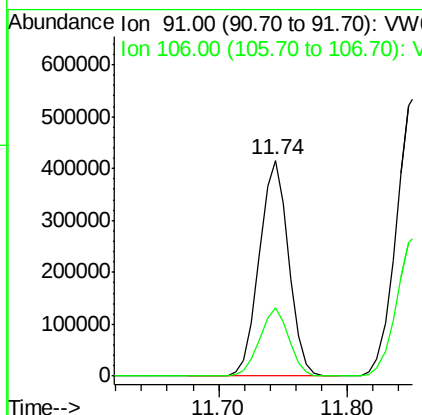
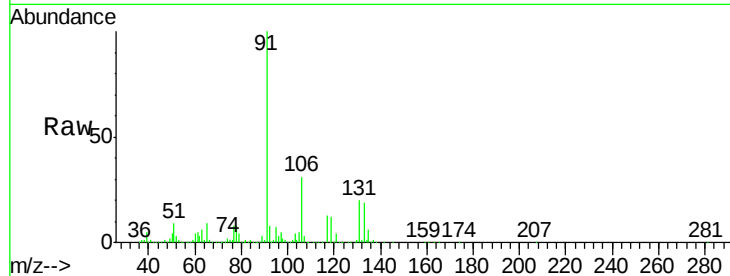




#67
Ethyl Benzene
Concen: 54.85 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

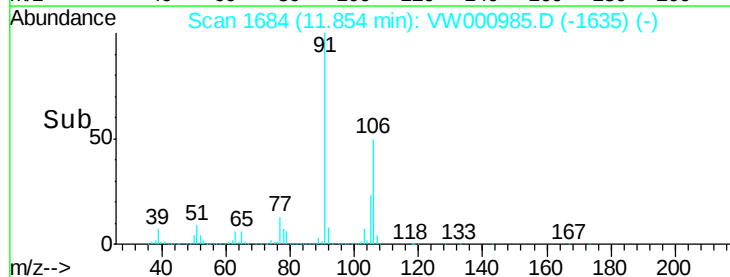
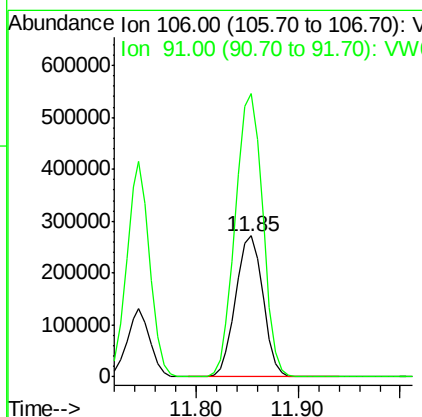
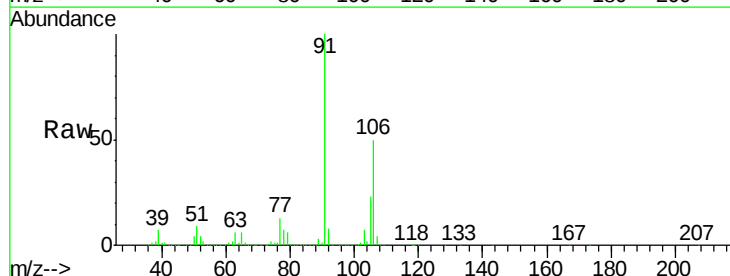
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

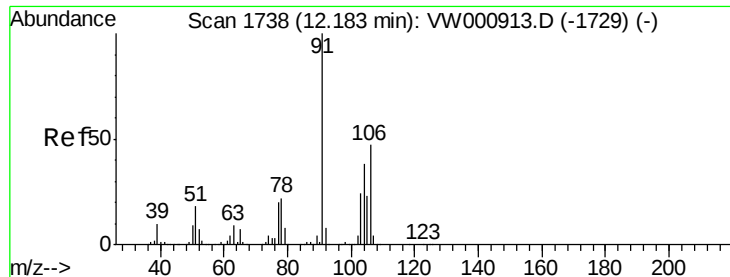
Tgt Ion: 91 Resp: 650689
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#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

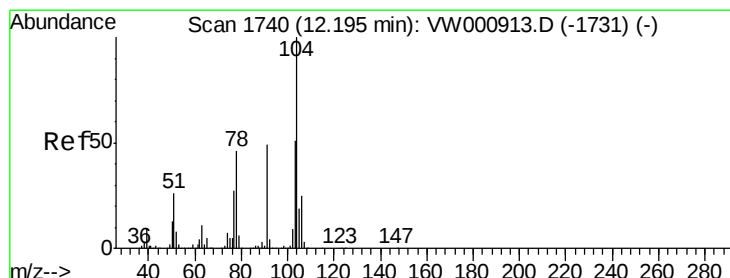
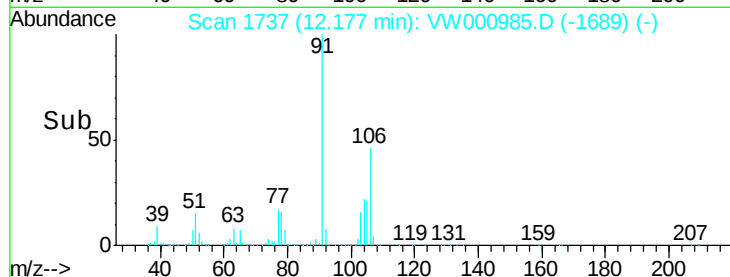
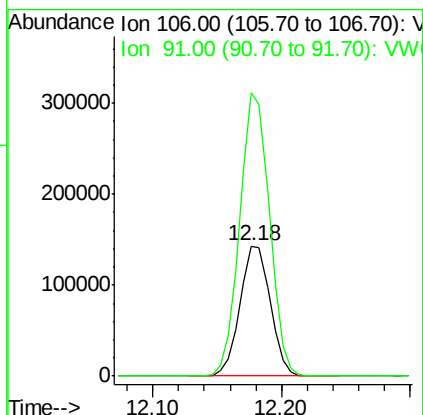
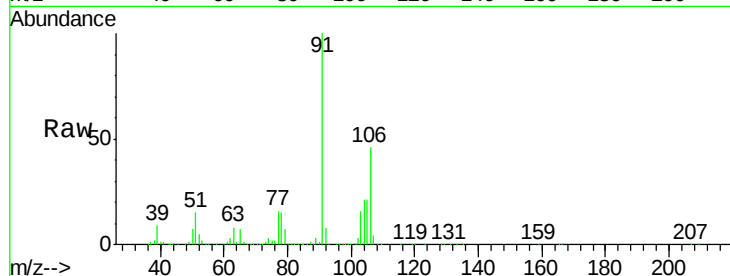




#69
o-Xylene
Concen: 55.14 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

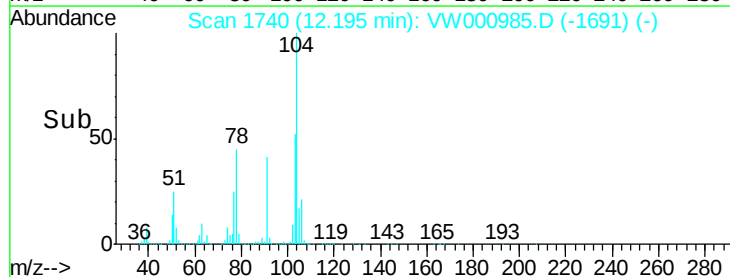
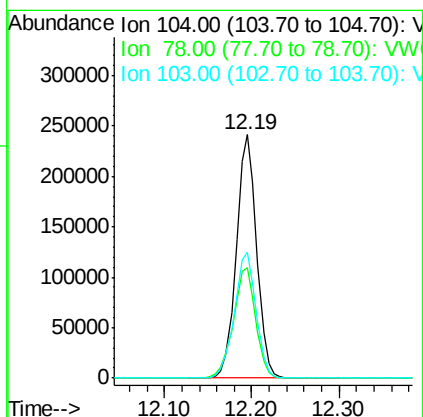
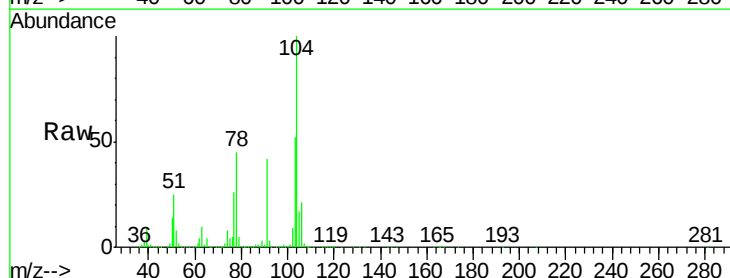
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

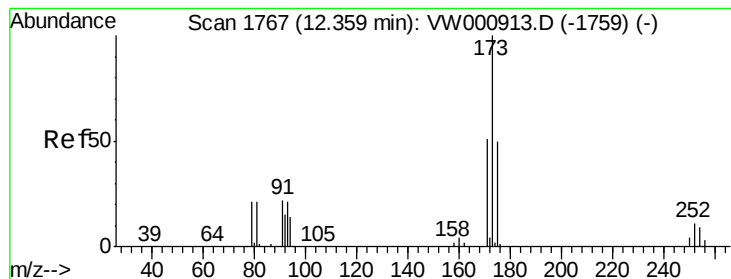
Tgt Ion:106 Resp: 233174
Ion Ratio Lower Upper
106 100
91 213.5 106.3 318.8



#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:104 Resp: 389154
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

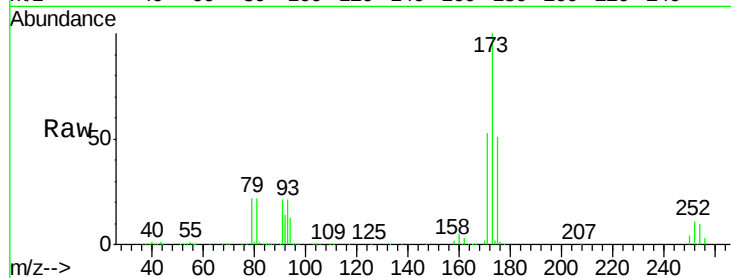
Tgt Ion:173 Resp: 92740

Ion Ratio Lower Upper

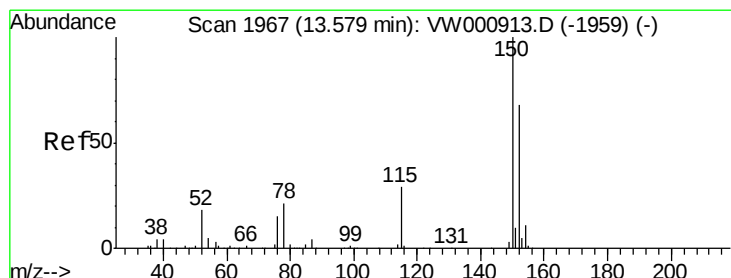
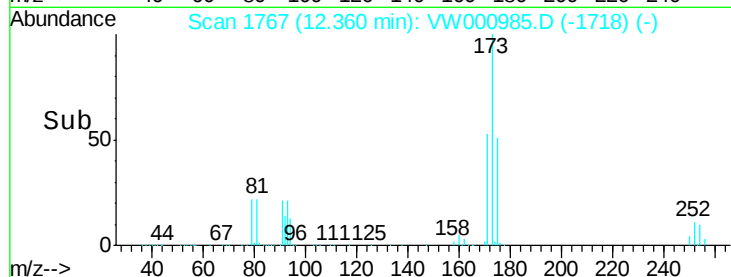
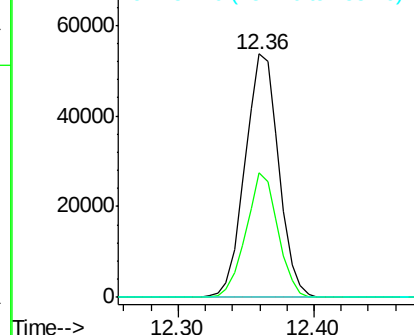
173 100

175 48.5 24.7 74.1

254 0.1 0.2 0.2#



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

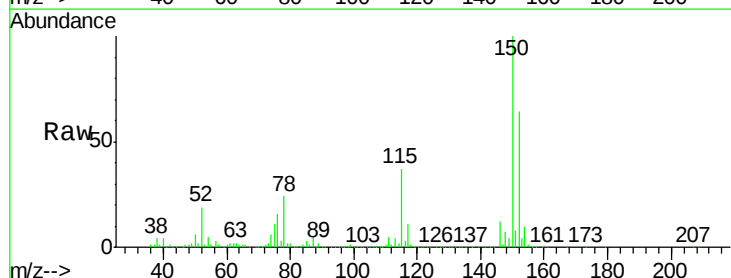
Tgt Ion:152 Resp: 179448

Ion Ratio Lower Upper

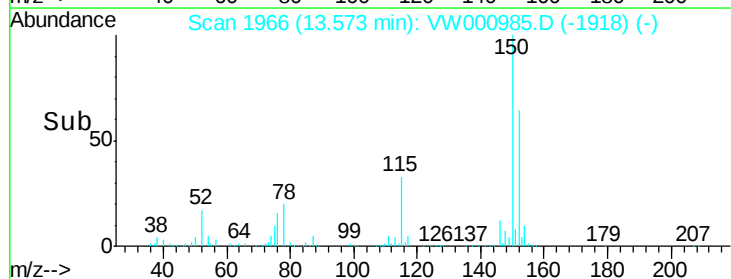
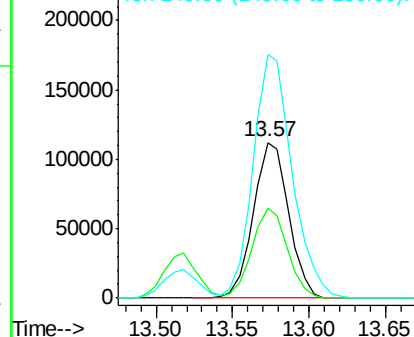
152 100

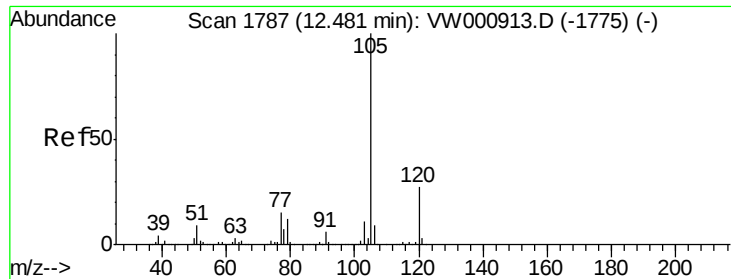
115 57.8 28.5 85.5

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 :

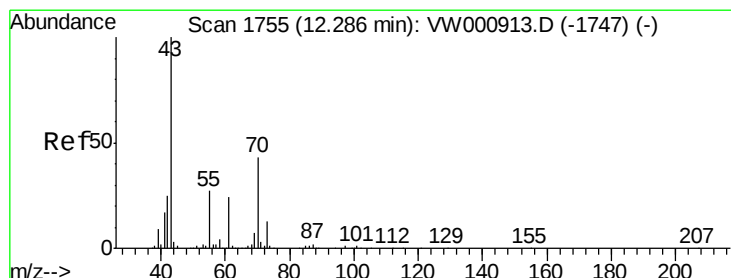
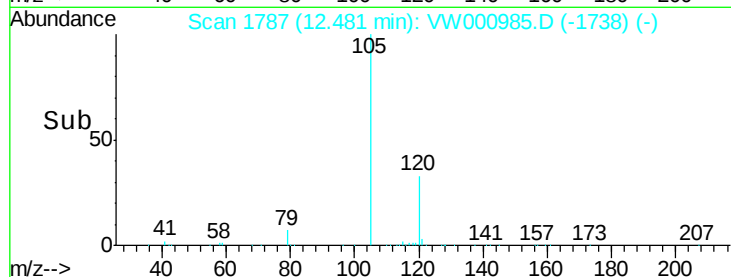
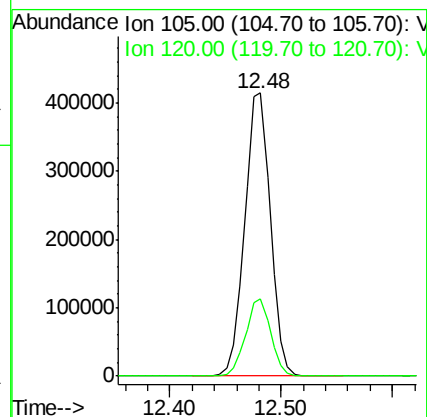
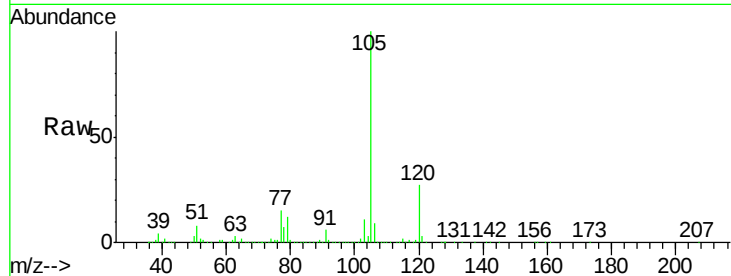
VSTDCCC050EC

Tgt Ion: 105 Resp: 658570

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#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

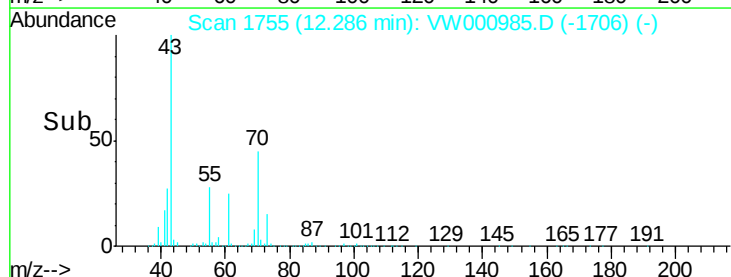
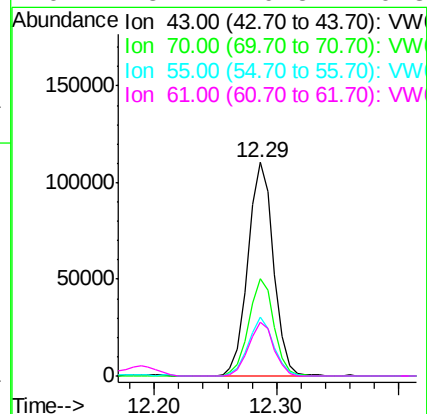
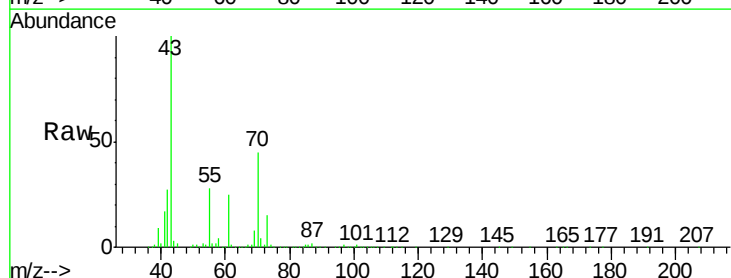
Ion Ratio Lower Upper

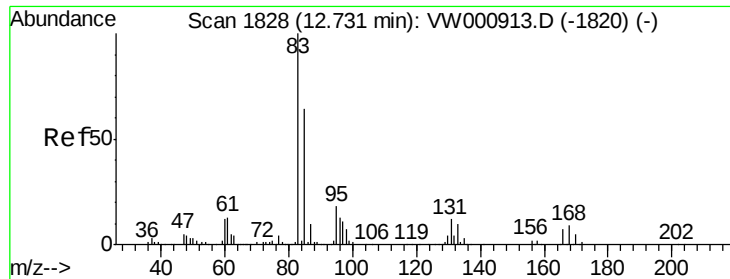
43 100

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

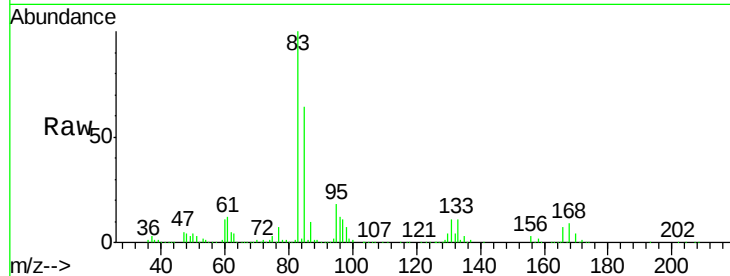
Tgt Ion: 83 Resp: 139176

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

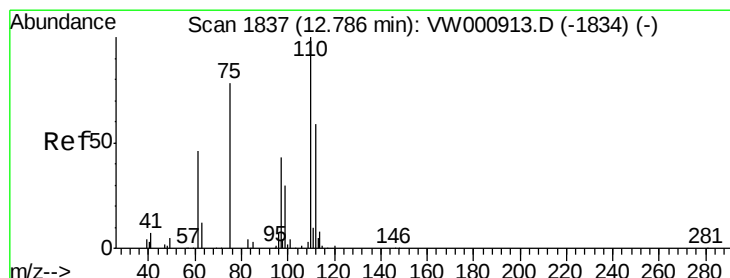
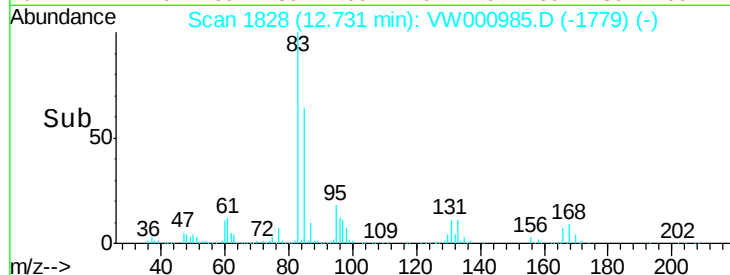
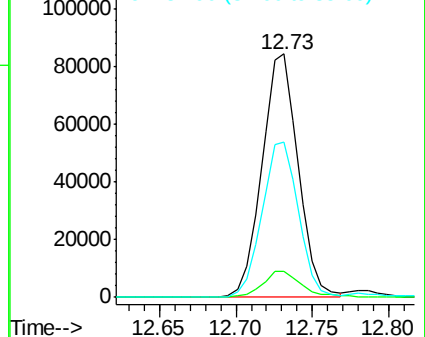
85 64.4 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 92.39 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VW000985.D

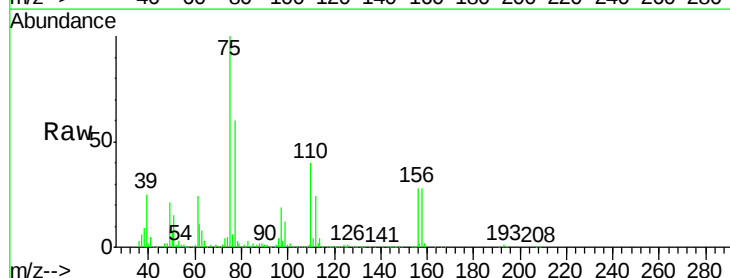
Acq: 25 Jan 2018 07:23

Tgt Ion: 75 Resp: 191843

Ion Ratio Lower Upper

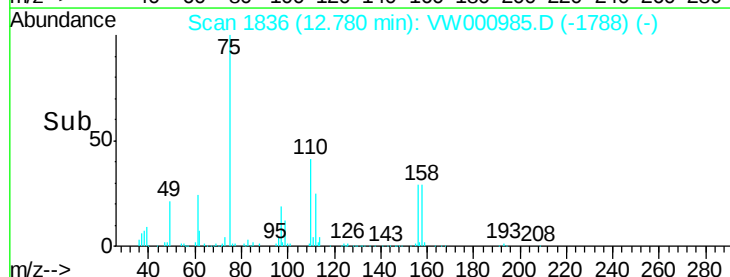
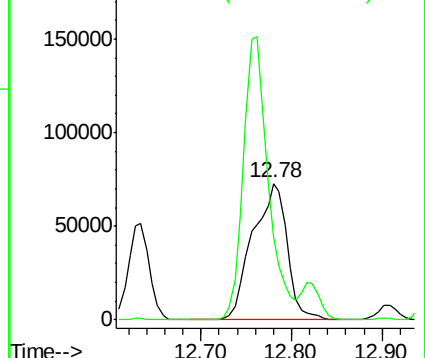
75 100

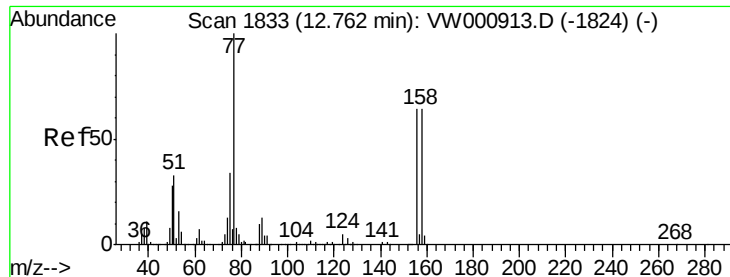
77 151.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#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

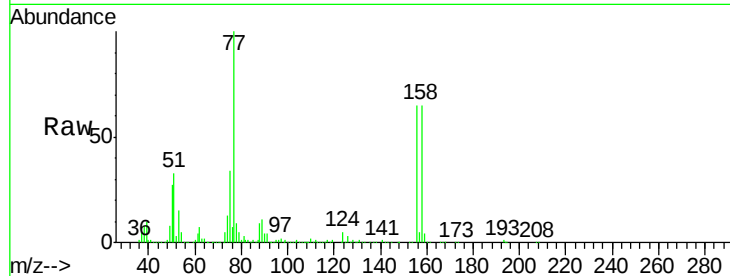
Tgt Ion:156 Resp: 163672

Ion Ratio Lower Upper

156 100

77 177.5 89.0 267.1

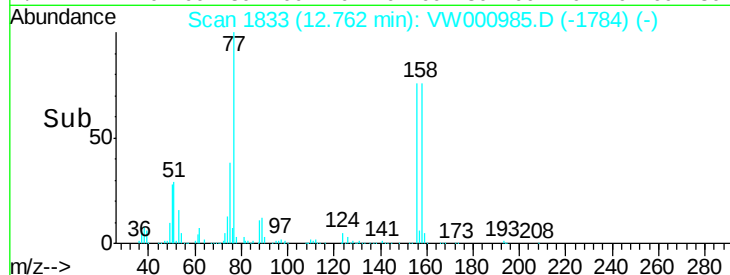
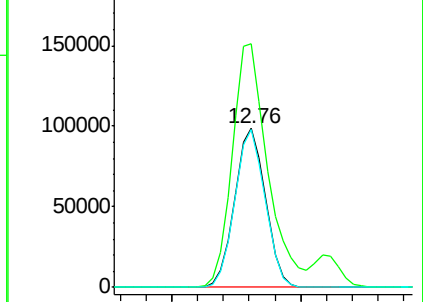
158 97.5 48.9 146.8



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

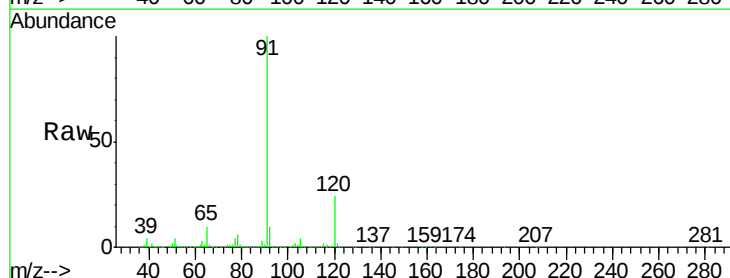
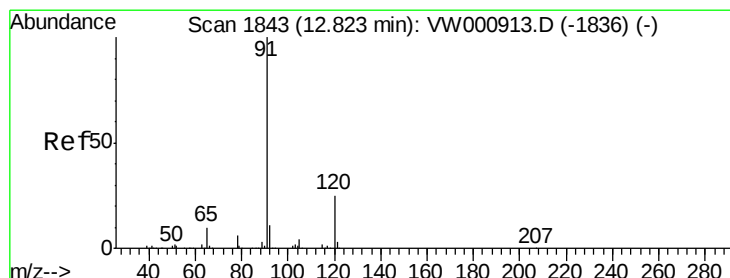
Acq: 25 Jan 2018 07:23

Tgt Ion: 91 Resp: 781667

Ion Ratio Lower Upper

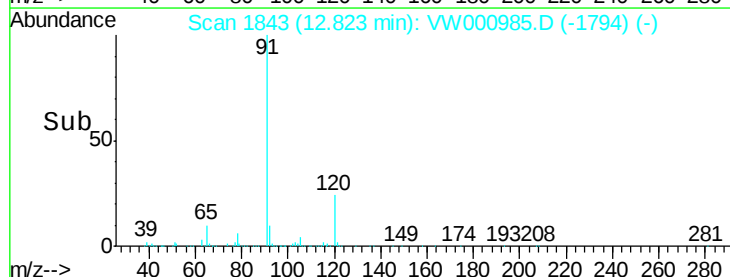
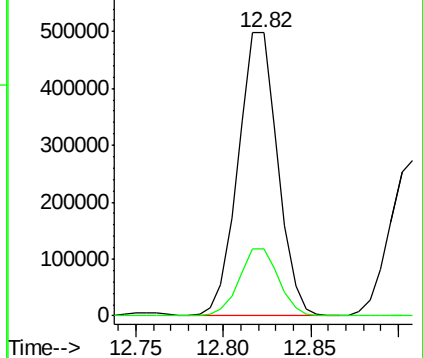
91 100

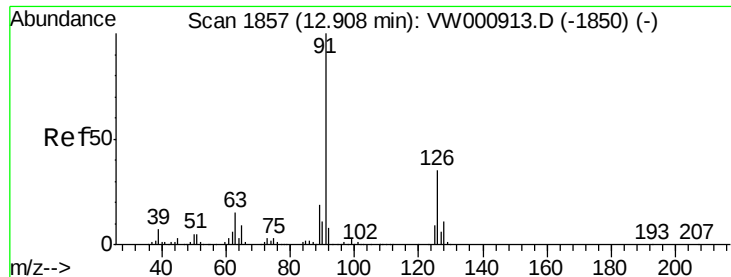
120 23.8 12.0 36.1



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 :

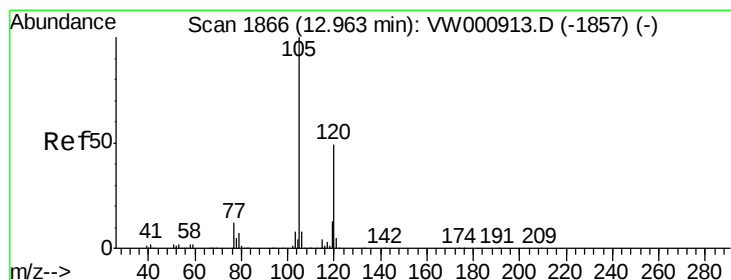
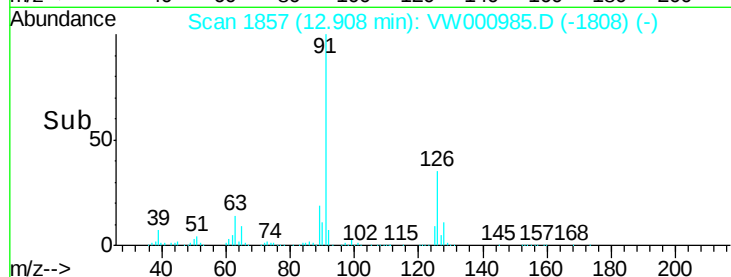
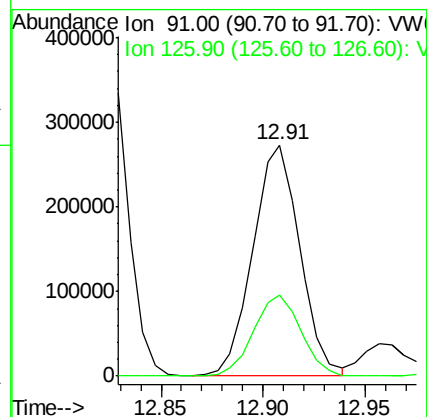
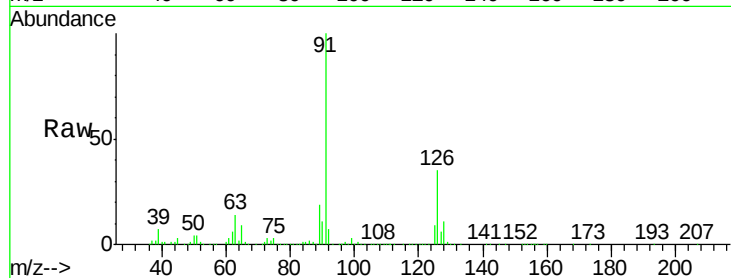
VSTDCCC050EC

Tgt Ion: 91 Resp: 436924

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8



#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

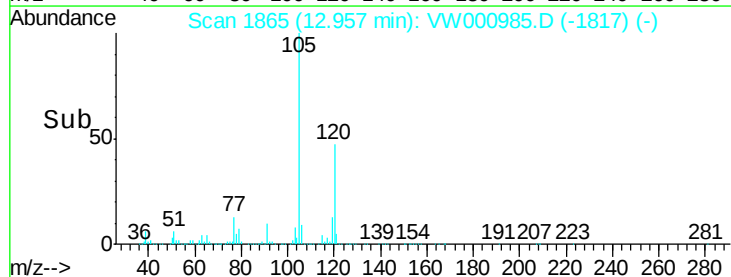
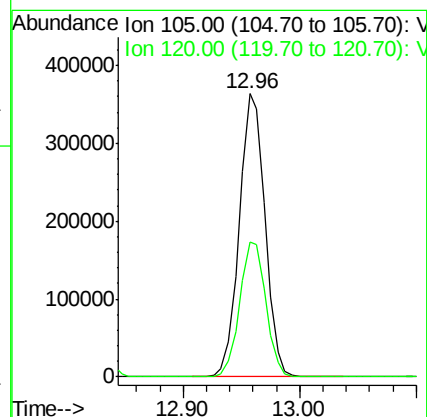
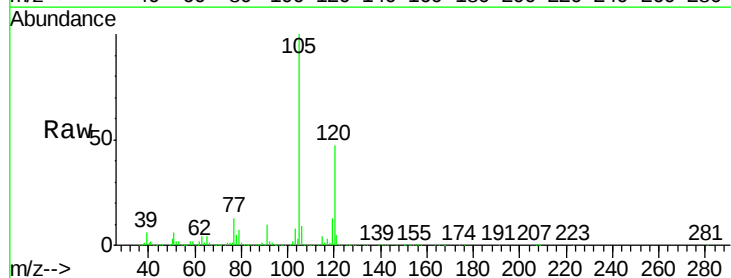
Acq: 25 Jan 2018 07:23

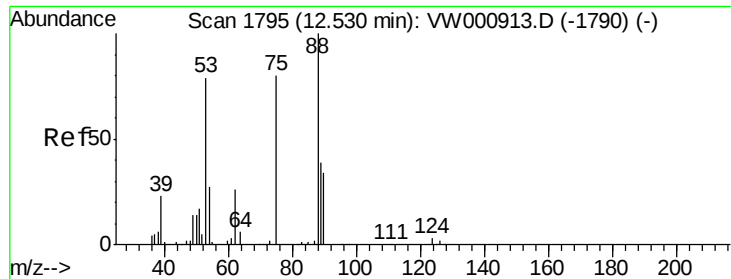
Tgt Ion: 105 Resp: 558256

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

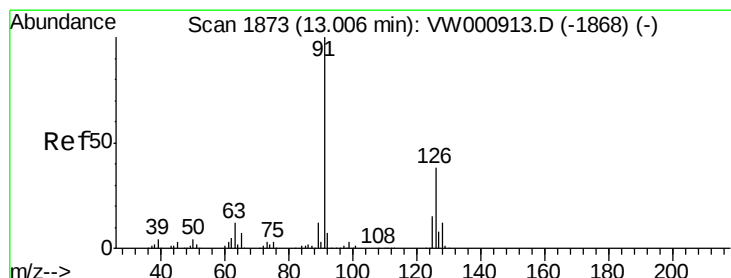
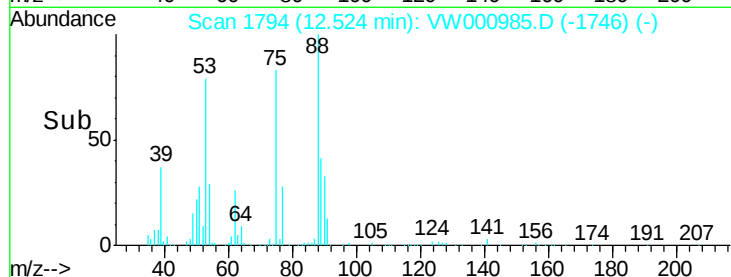
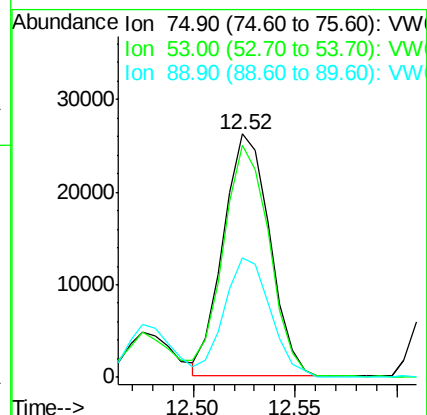
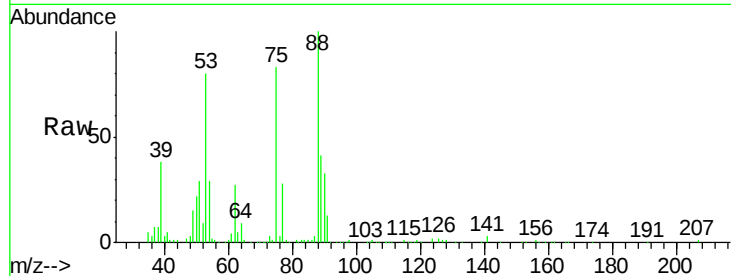
Tgt Ion: 75 Resp: 41497

Ion Ratio Lower Upper

75 100

53 95.6 77.5 116.3

89 48.9 38.2 57.4



#82

4-Chlorotoluene

Concen: 54.93 ug/l

RT: 13.01 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VW000985.D

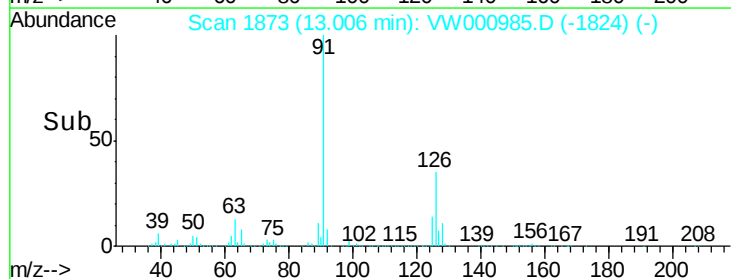
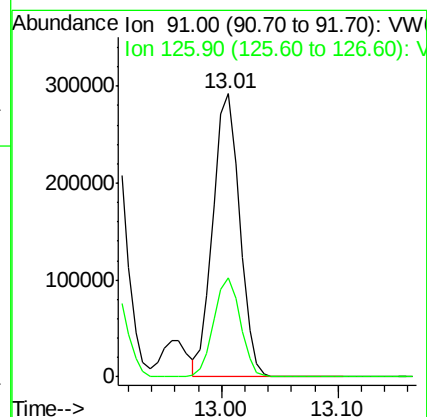
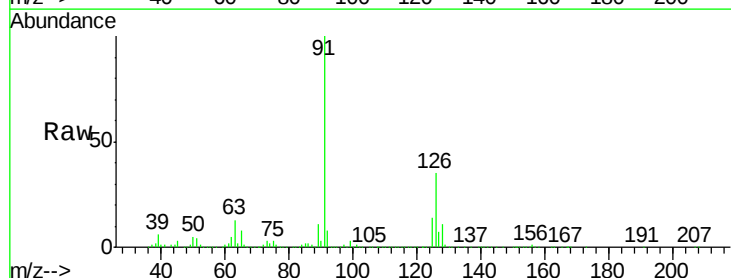
Acq: 25 Jan 2018 07:23

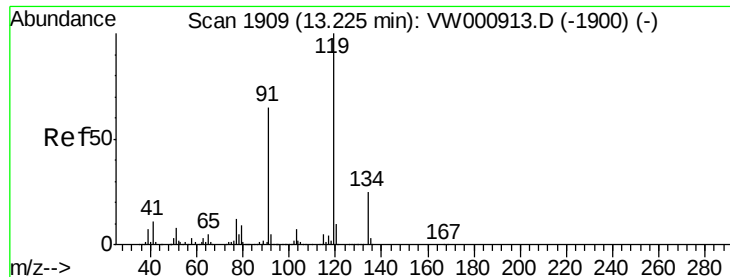
Tgt Ion: 91 Resp: 460548

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.9

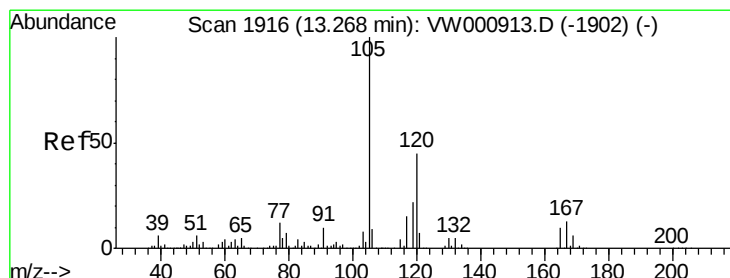
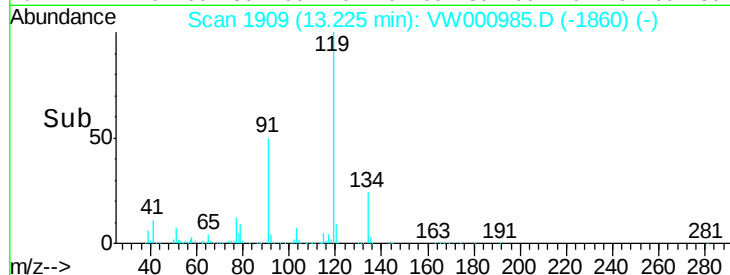
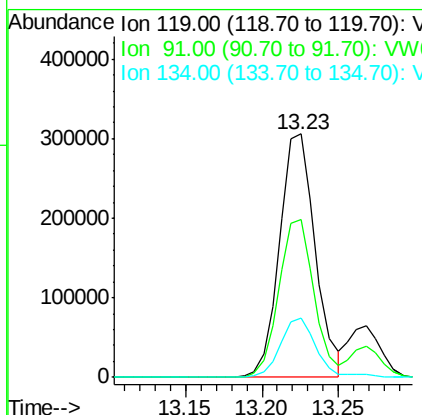
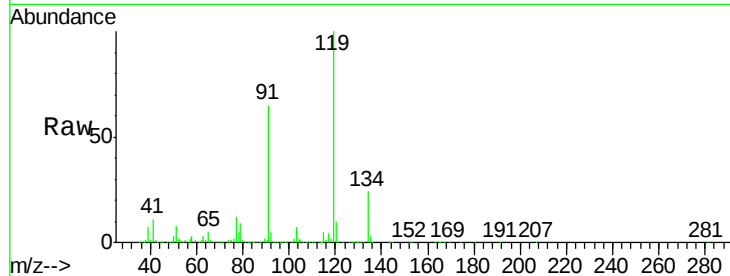




#83
 tert-Butylbenzene
 Concen: 57.35 ug/l
 RT: 13.23 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

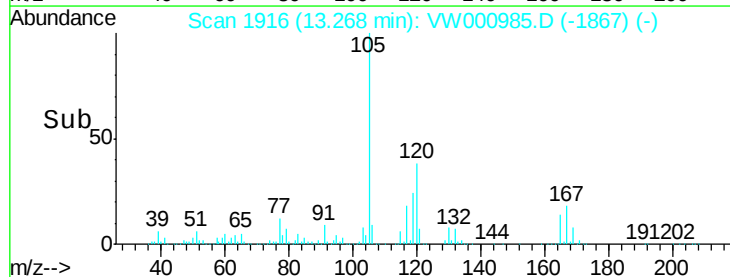
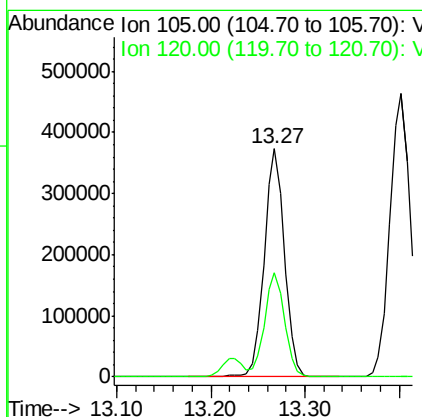
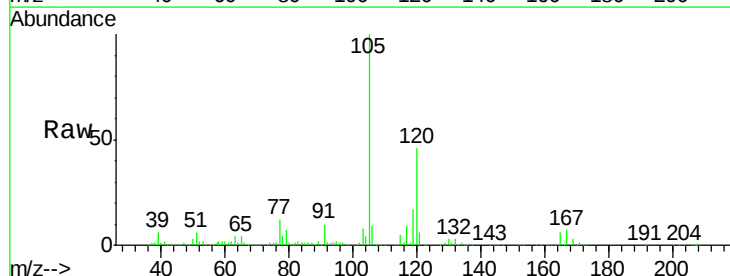
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

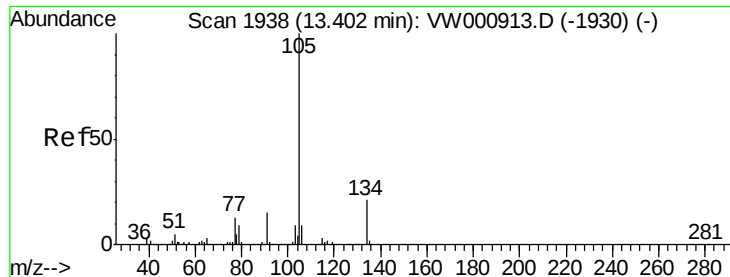
Tgt Ion:119 Resp: 495713
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.4 97.0
 134 24.6 13.1 39.3



#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:105 Resp: 565303
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.0

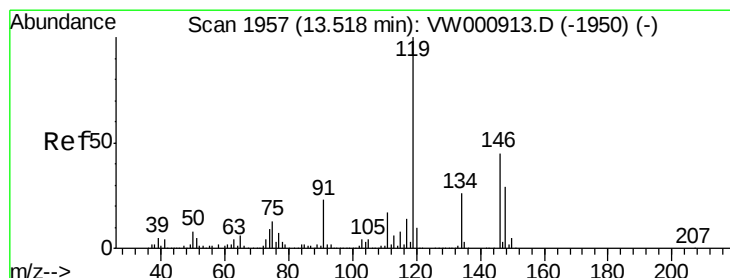
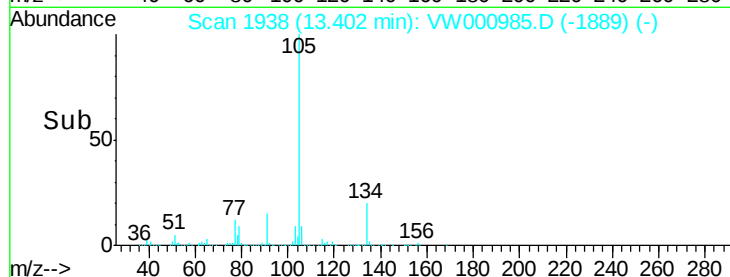
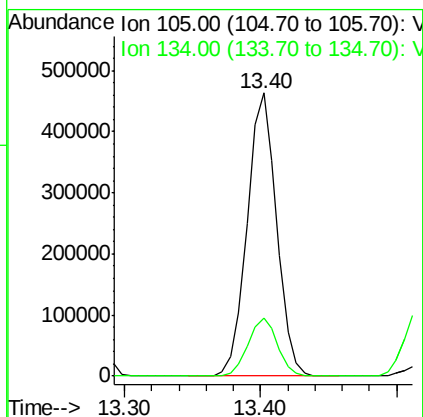
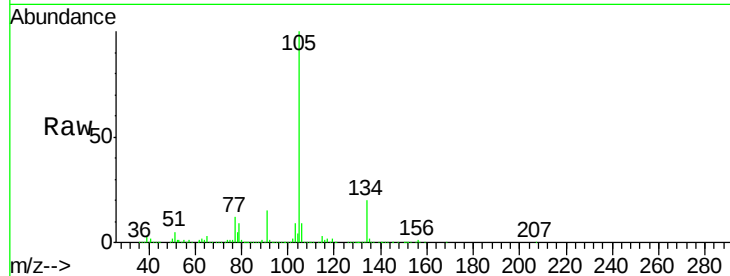




#85
 sec-Butylbenzene
 Concen: 56.16 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

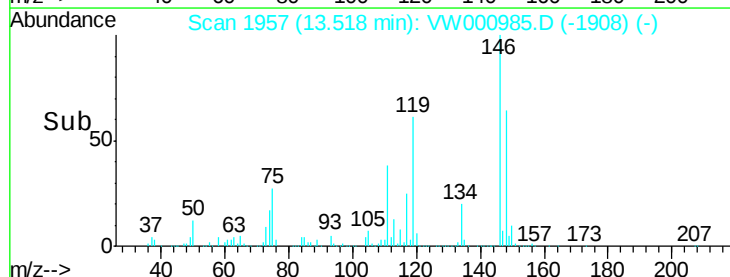
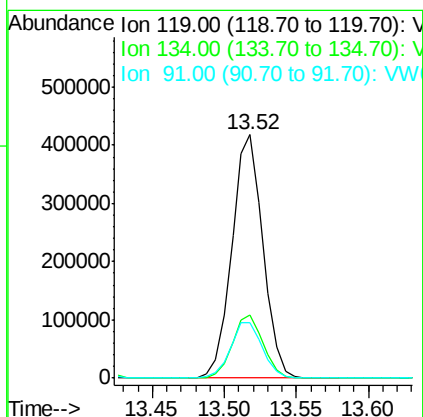
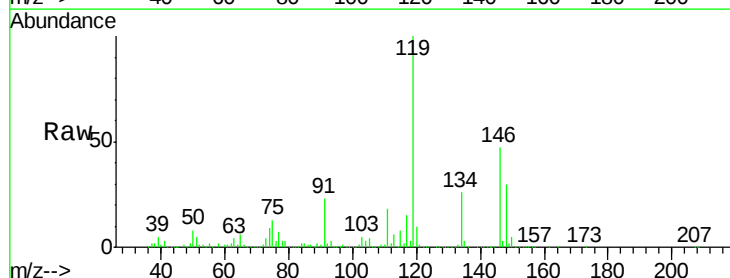
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

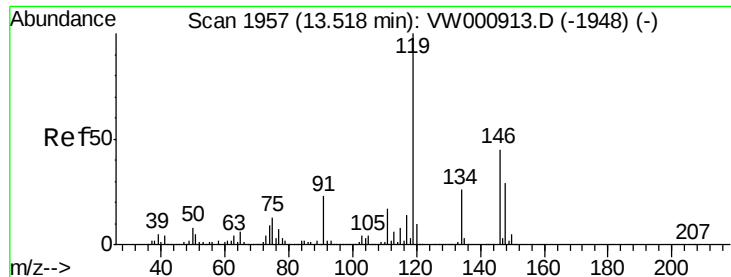
Tgt Ion:105 Resp: 700515
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9



#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

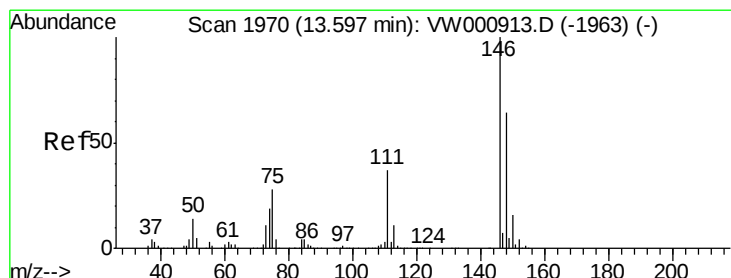
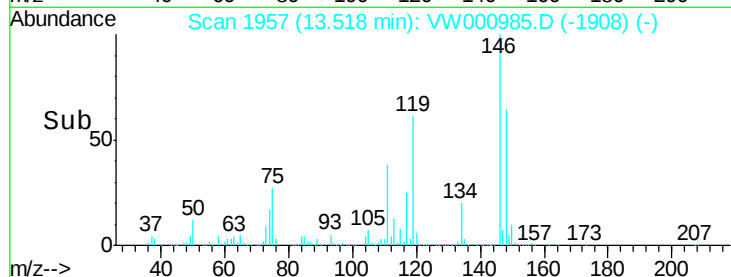
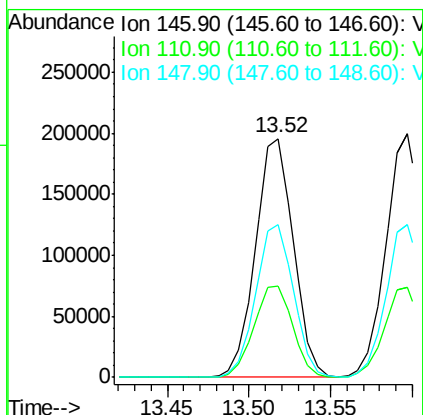
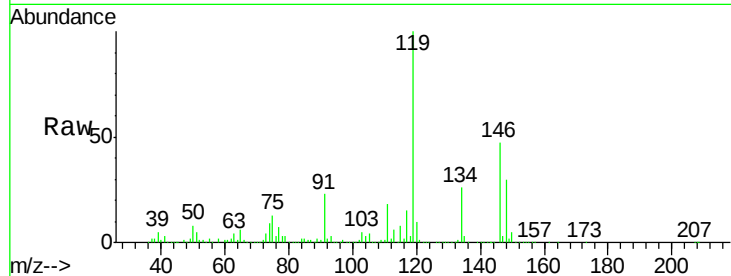




#87
 1,3-Dichlorobenzene
 Concen: 54.08 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

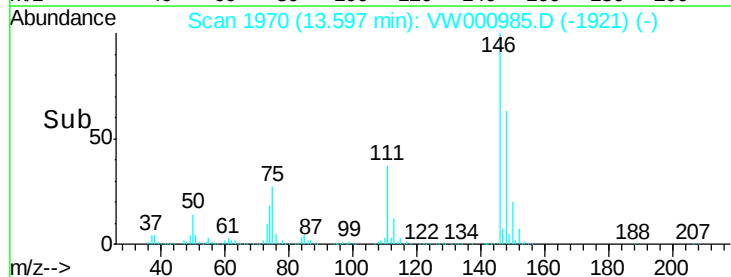
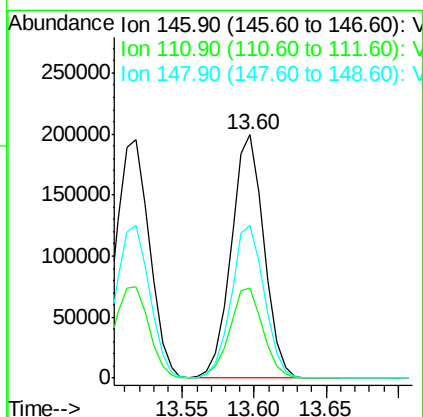
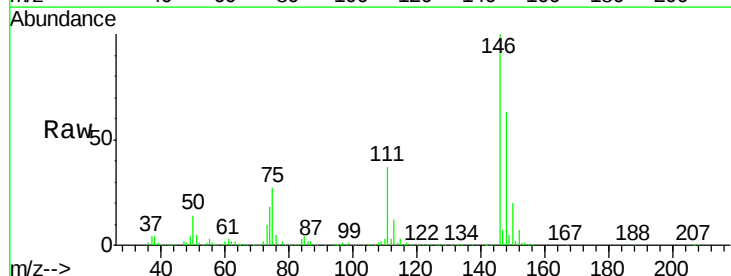
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

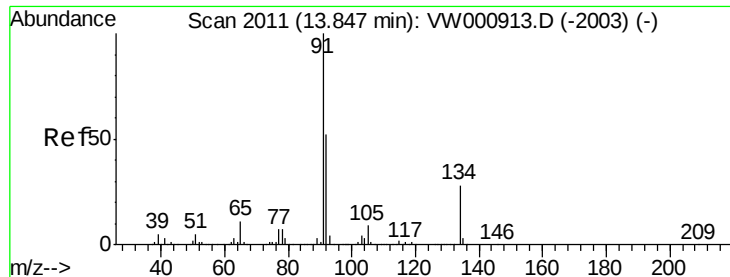
Tgt Ion:146 Resp: 316464
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.0
 148 64.0 32.4 97.0



#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:146 Resp: 315926
 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

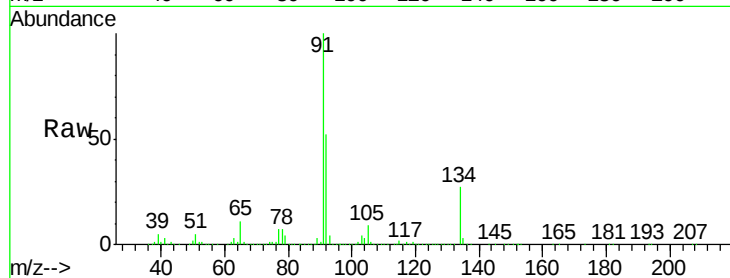
Tgt Ion: 91 Resp: 572872

Ion Ratio Lower Upper

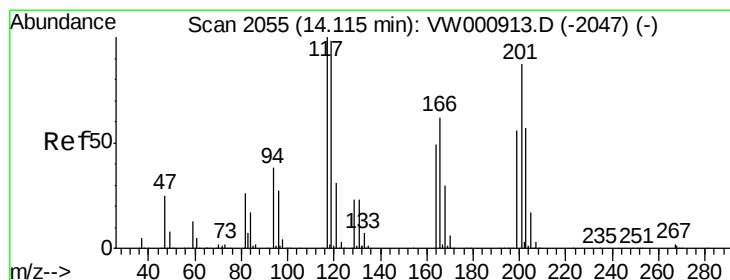
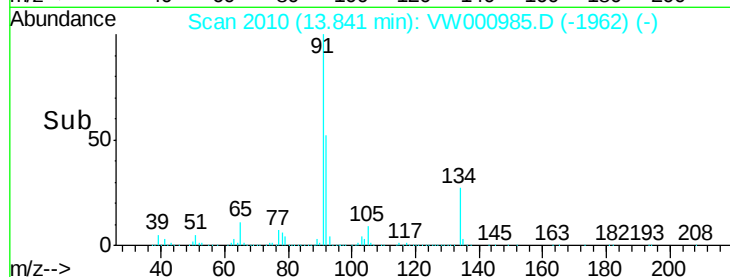
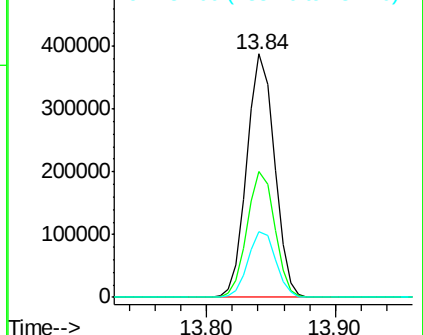
91 100

92 52.0 26.2 78.6

134 27.2 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 54.92 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. -0.01 min

Lab File: VW000985.D

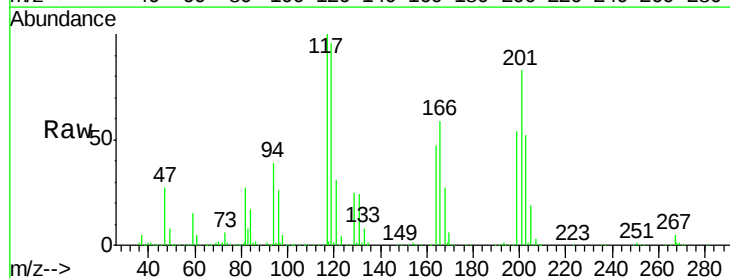
Acq: 25 Jan 2018 07:23

Tgt Ion: 117 Resp: 112940

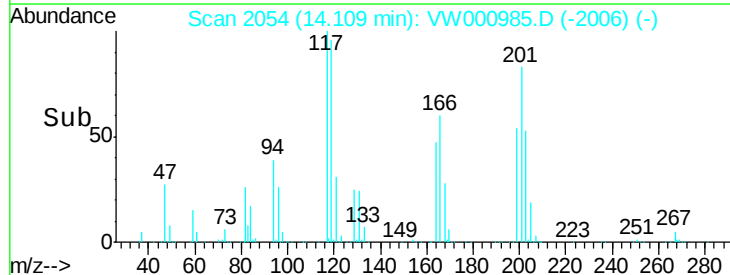
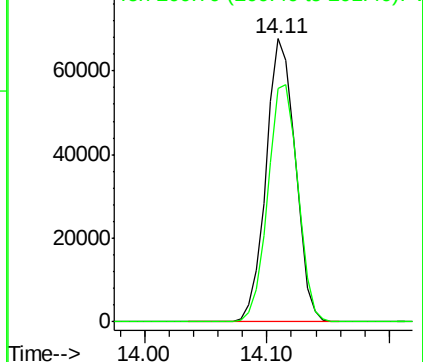
Ion Ratio Lower Upper

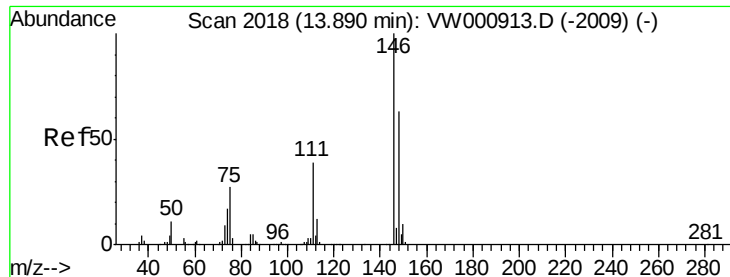
117 100

201 85.7 42.8 128.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#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

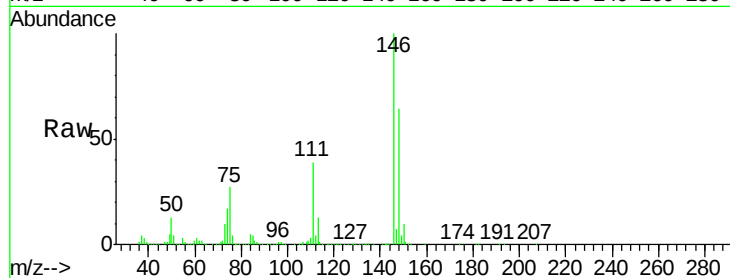
Tgt Ion:146 Resp: 290085

Ion Ratio Lower Upper

146 100

111 40.8 19.8 59.4

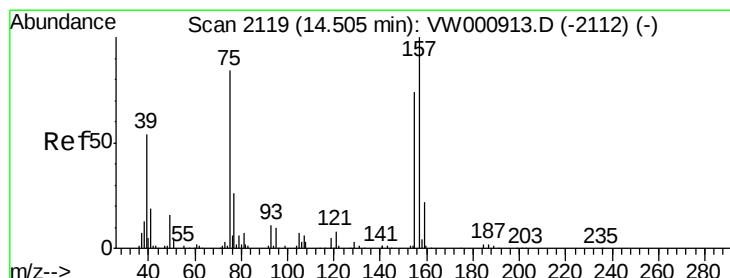
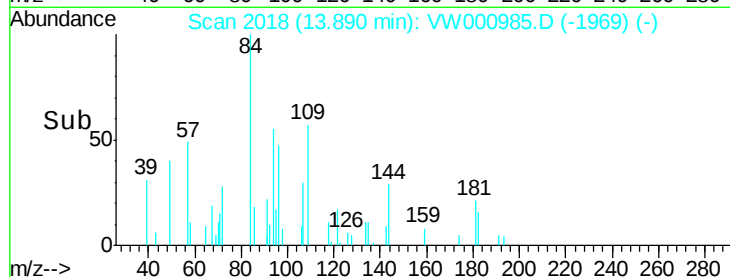
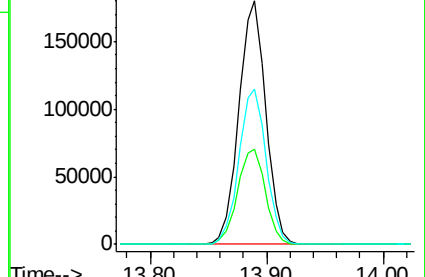
148 64.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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

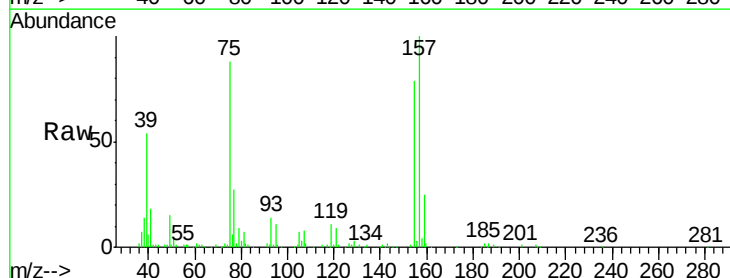
Tgt Ion: 75 Resp: 30506

Ion Ratio Lower Upper

75 100

155 91.9 45.9 137.6

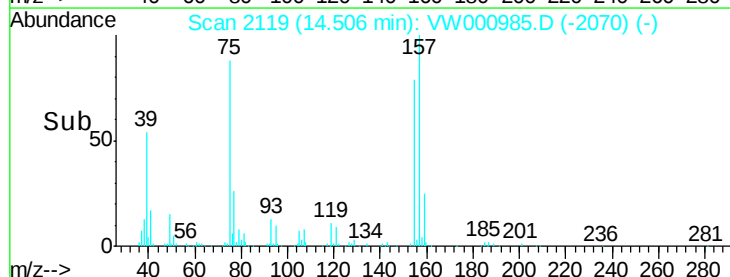
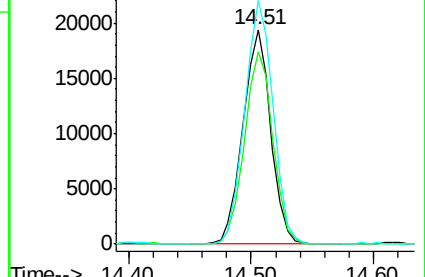
157 115.9 59.8 179.3

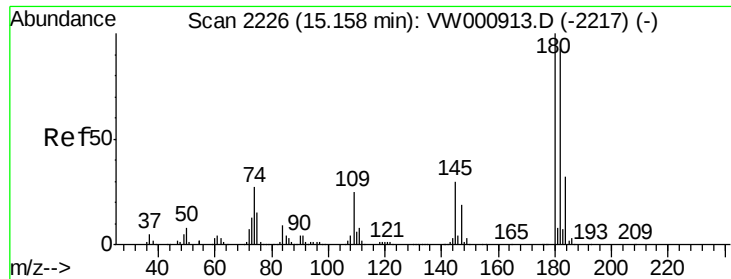


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

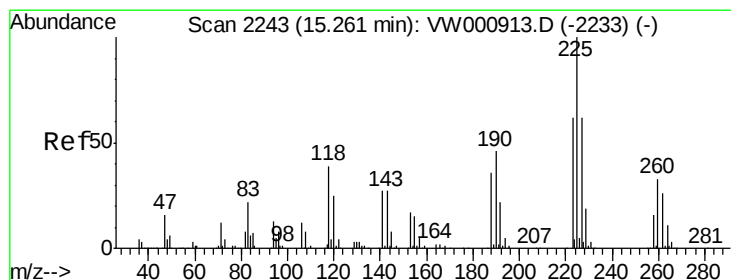
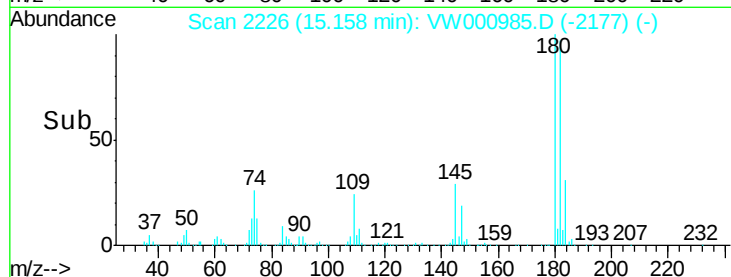
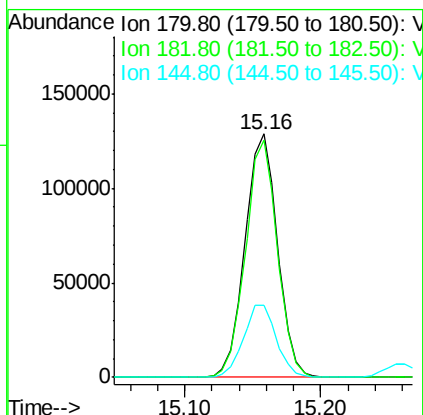
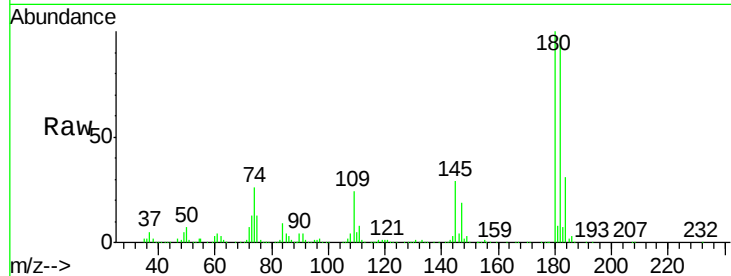




#93
 1,2,4-Trichlorobenzene
 Concen: 54.80 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: VW000985.D
 Acq: 25 Jan 2018 07:23

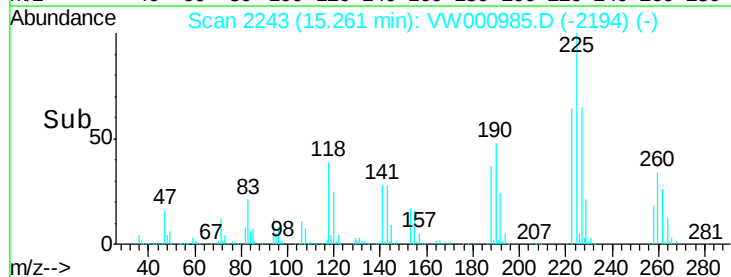
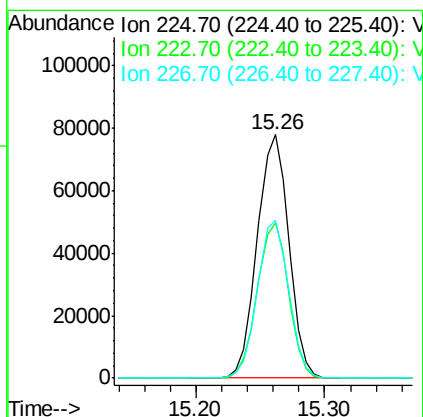
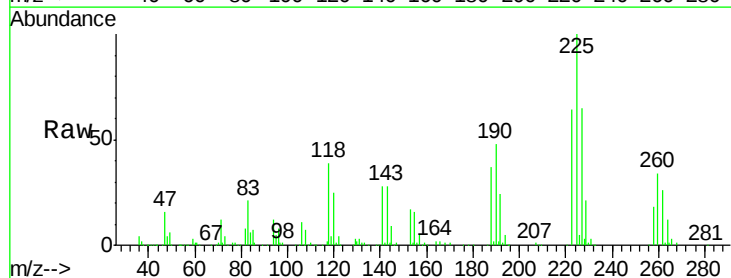
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

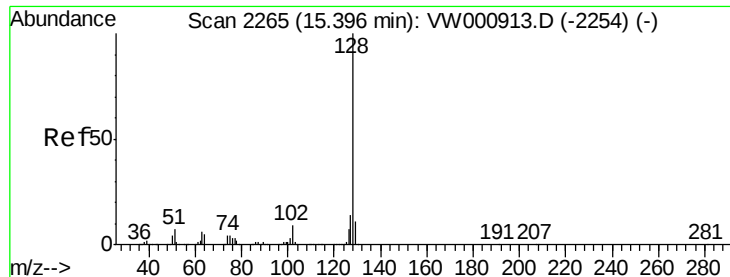
Tgt Ion:180 Resp: 215269
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.5 142.6
 145 30.1 14.9 44.7



#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:225 Resp: 132193
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 64.0 31.8 95.3

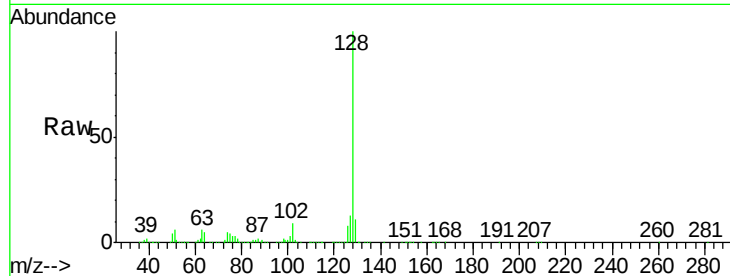




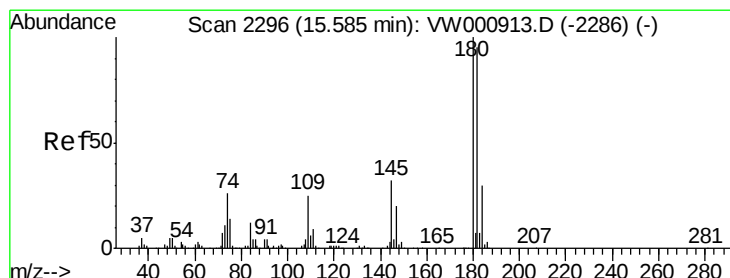
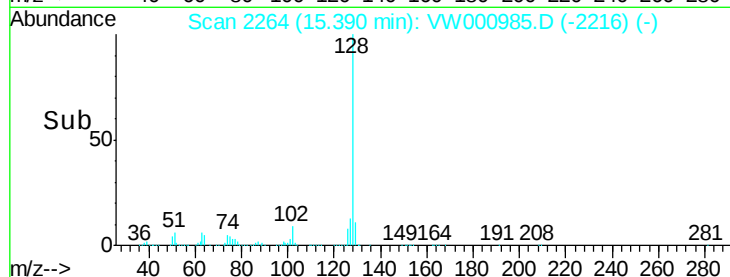
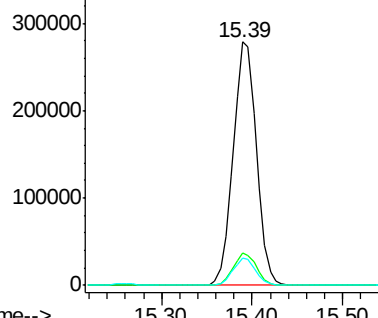
#95
Naphthalene
Concen: 59.64 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. -0.01 min
Lab File: VW000985.D
Acq: 25 Jan 2018 07:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 494521
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.7 13.1

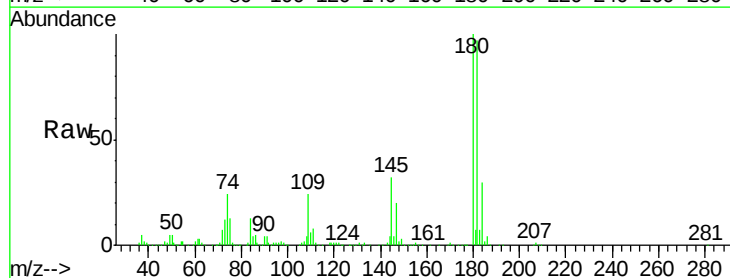


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#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:180 Resp: 199058
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.3
145 32.0 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

