

Data File : VW001120.D

Acq On : 29 Jan 2018 15:04

Operator : JC/SY

Sample : VSTDICV050

Misc : 5.0G/5.0ML/MSVOA_W/SOIL

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Quant Time: Jan 30 01:12:22 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M

Quant Title : SW846 8260

QLast Update : Tue Jan 30 01:11:27 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	317914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	435857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	396976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211255	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	132494	49.18	ug/l	100
3) Chloromethane	2.22	50	116941	49.69	ug/l	98
4) Vinyl Chloride	2.36	62	116483	49.72	ug/l	99
5) Bromomethane	2.75	94	86798	63.64	ug/l	98
6) Chloroethane	2.91	64	68714	51.68	ug/l	100
7) Trichlorofluoromethane	3.26	101	213865	49.12	ug/l	100
8) Diethyl Ether	3.68	74	54525	48.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	130491	45.06	ug/l	99
10) Methyl Iodide	4.26	142	148609	48.59	ug/l	99
11) Tert butyl alcohol	5.18	59	55385	223.04	ug/l	100
12) 1,1-Dichloroethene	4.03	96	113299	44.78	ug/l	98
13) Acrolein	3.89	56	74741	187.40	ug/l	97
14) Allyl chloride	4.67	41	185998	49.20	ug/l	99
15) Acrylonitrile	5.37	53	172245	223.94	ug/l	99
16) Acetone	4.12	43	189079	232.67	ug/l	97
17) Carbon Disulfide	4.37	76	357845	45.54	ug/l	100
18) Methyl Acetate	4.68	43	82463	43.32	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	308966	47.18	ug/l	97
20) Methylene Chloride	4.92	84	132532	49.28	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	137364	48.61	ug/l	98
22) Diisopropyl ether	6.31	45	350202	48.36	ug/l	98
23) Vinyl Acetate	6.26	43	1009755	232.72	ug/l	99
24) 1,1-Dichloroethane	6.21	63	226503	47.93	ug/l	98
25) 2-Butanone	7.18	43	238110	223.22	ug/l	98
26) 2,2-Dichloropropane	7.17	77	222029	47.50	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	144878	48.07	ug/l	99
28) Bromochloromethane	7.51	49	92524	48.17	ug/l	99
29) Tetrahydrofuran	7.53	42	136821	224.61	ug/l	100
30) Chloroform	7.68	83	240683	47.00	ug/l	99
31) Cyclohexane	7.95	56	215488	46.99	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	233854	48.26	ug/l	100
36) 1,1-Dichloropropene	8.08	75	196557	49.95	ug/l	99
37) Ethyl Acetate	7.26	43	91970	44.21	ug/l	99
38) Carbon Tetrachloride	8.07	117	213810	48.65	ug/l	98

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Quant Title : SW846 8260

QLast Update : Tue Jan 30 01:11:27 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	239045	51.45	ug/l	99
40) Benzene	8.32	78	526722	48.34	ug/l	99
41) Methacrylonitrile	7.49	41	55586	48.17	ug/l	97
42) 1,2-Dichloroethane	8.40	62	157820	46.07	ug/l	99
43) Isopropyl Acetate	8.43	43	164814	46.05	ug/l	98
44) Trichloroethene	9.09	130	158527	48.46	ug/l	100
45) 1,2-Dichloropropane	9.37	63	124962	47.63	ug/l	99
46) Dibromomethane	9.46	93	74017	45.12	ug/l	98
47) Bromodichloromethane	9.65	83	177060	47.70	ug/l	99
48) Methyl methacrylate	9.44	41	82832	48.42	ug/l	97
49) 1,4-Dioxane	9.45	88	27647	945.70	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	450349	230.30	ug/l	100
52) Toluene	10.40	92	343750	49.14	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	179097	47.82	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	198547	47.49	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	106953	45.73	ug/l	99
56) Ethyl methacrylate	10.66	69	130620	47.64	ug/l	99
57) 1,3-Dichloropropane	10.94	76	175644	46.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	409021	226.83	ug/l	100
59) 2-Hexanone	10.98	43	345806	233.74	ug/l	99
60) Dibromochloromethane	11.14	129	133400	46.81	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108814	46.14	ug/l	99
64) Tetrachloroethene	10.87	164	145406	45.55	ug/l	99
65) Chlorobenzene	11.67	112	388727	48.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	140289	47.98	ug/l	99
67) Ethyl Benzene	11.74	91	671165	50.21	ug/l	98
68) m/p-Xylenes	11.85	106	527552	101.31	ug/l	98
69) o-Xylene	12.18	106	243555	50.72	ug/l	99
70) Styrene	12.20	104	403034	51.07	ug/l	100
71) Bromoform	12.36	173	88113	46.64	ug/l	99
73) Isopropylbenzene	12.48	105	694155	52.46	ug/l	100
74) N-amyl acetate	12.29	43	150051	49.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	128290	47.40	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	175874	82.14	ug/l #	100
77) Bromobenzene	12.76	156	169193	49.25	ug/l	98
78) n-propylbenzene	12.82	91	823278	51.97	ug/l	100
79) 2-Chlorotoluene	12.91	91	462265	50.99	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	585894	51.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36038	44.26	ug/l	96
82) 4-Chlorotoluene	13.01	91	488222	50.51	ug/l	99
83) tert-Butylbenzene	13.23	119	530930	53.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	599259	52.04	ug/l	98
85) sec-Butylbenzene	13.40	105	738234	52.20	ug/l	100
86) p-Isopropyltoluene	13.52	119	659838	52.47	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	335225	49.42	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	332954	48.86	ug/l	100
89) n-Butylbenzene	13.84	91	615406	52.53	ug/l	99
90) Hexachloroethane	14.11	117	121550	51.83	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	303913	48.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25750	47.17	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Jan 30 01:11:27 2018
Response via : Initial Calibration

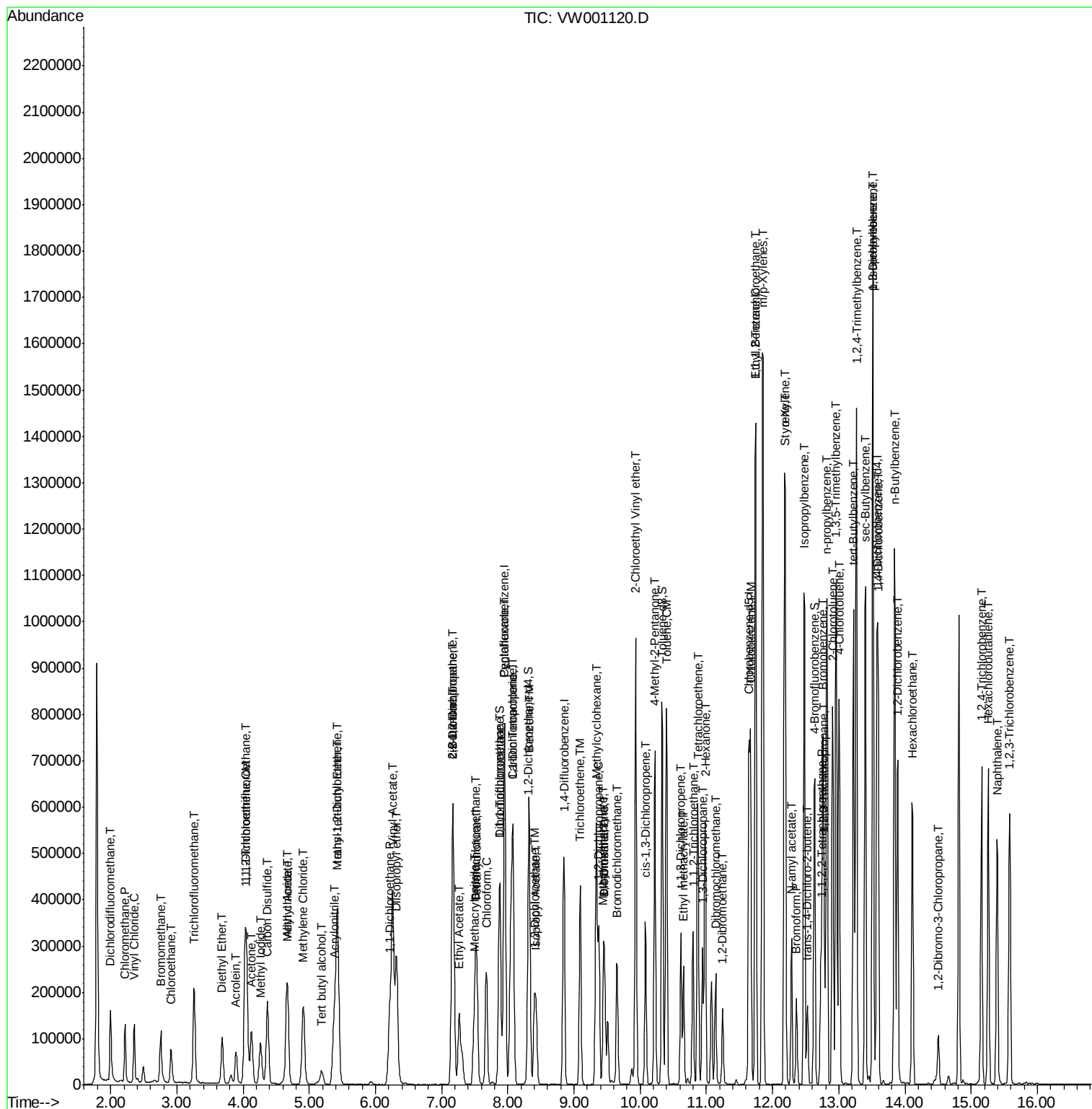
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	236267	51.72	ug/l	100
94) Hexachlorobutadiene	15.26	225	141366	50.04	ug/l	98
95) Naphthalene	15.39	128	467513	51.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	215431	51.14	ug/l	97

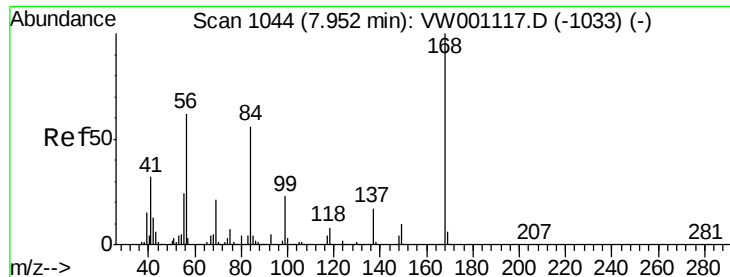
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

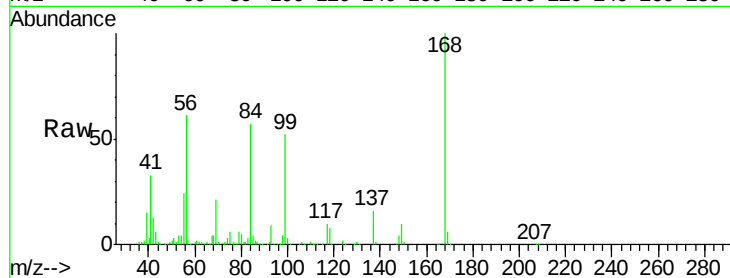
ICVW012918

Tgt Ion:168 Resp: 317914

Ion Ratio Lower Upper

168 100

99 51.7 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

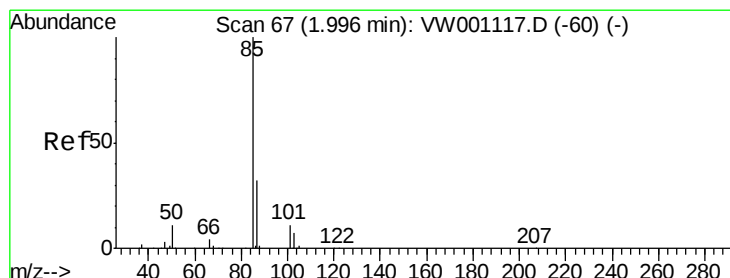
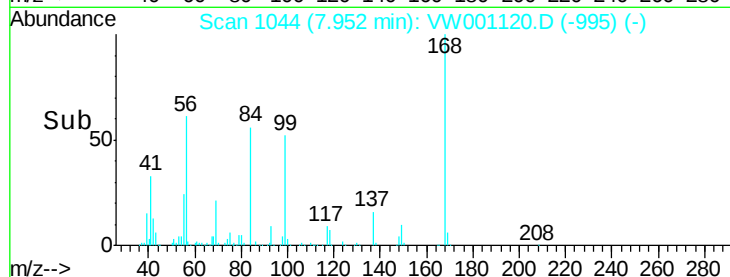
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.18 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW001120.D

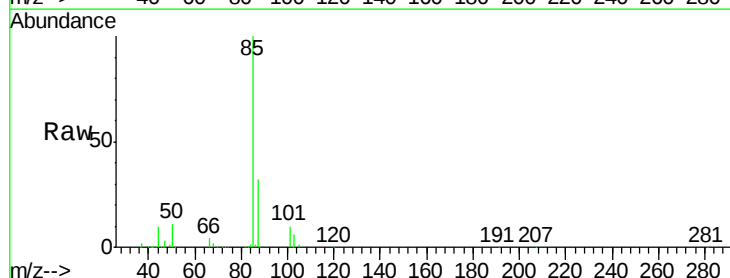
Acq: 29 Jan 2018 15:04

Tgt Ion: 85 Resp: 132494

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

40000

20000

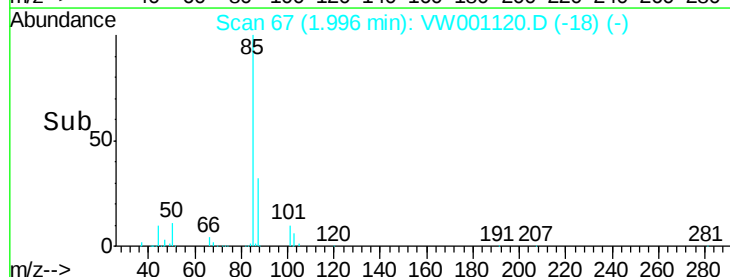
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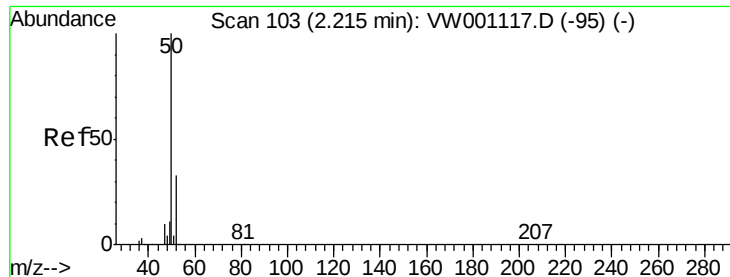
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 49.69 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

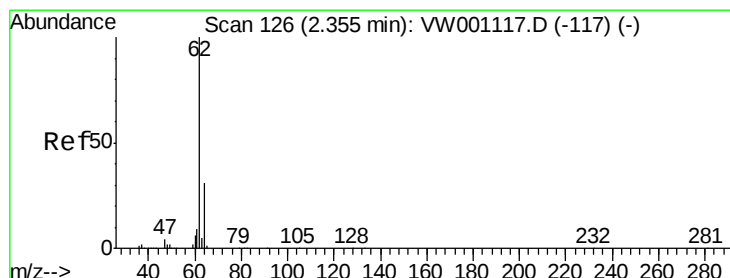
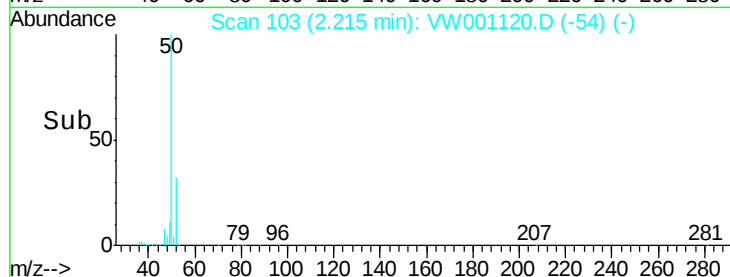
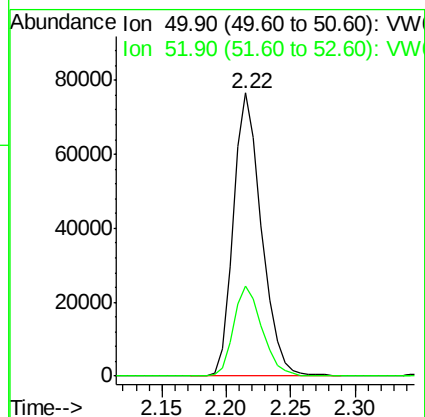
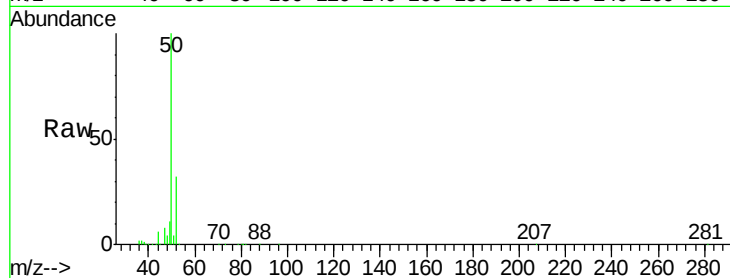
ICVW012918

Tgt Ion: 50 Resp: 116941

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.4



#4

Vinyl Chloride

Concen: 49.72 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW001120.D

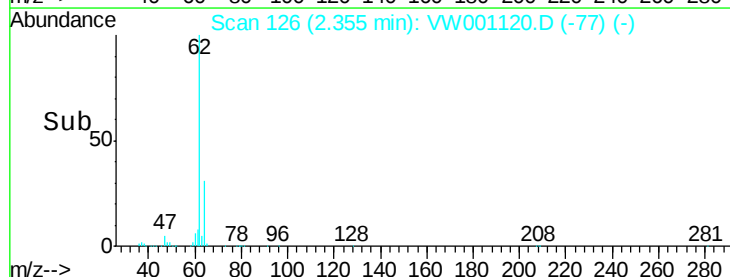
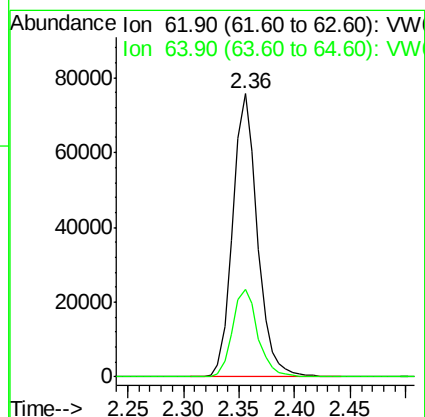
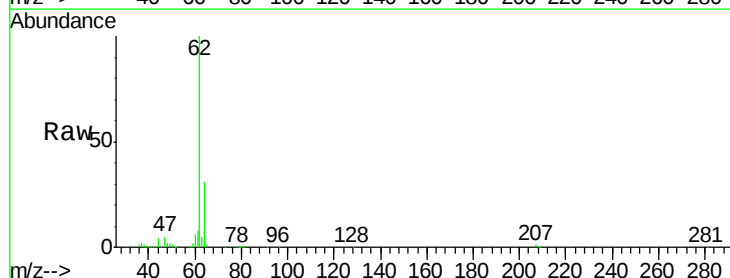
Acq: 29 Jan 2018 15:04

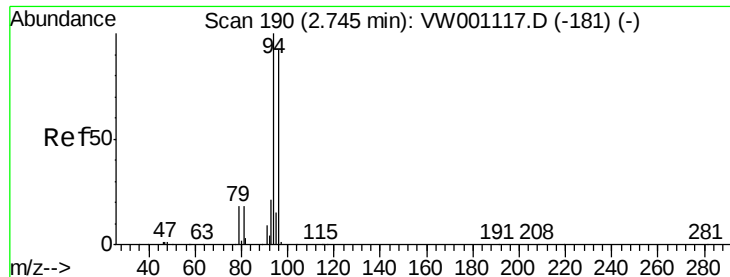
Tgt Ion: 62 Resp: 116483

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 63.64 ug/l

RT: 2.75 min Scan# 191

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

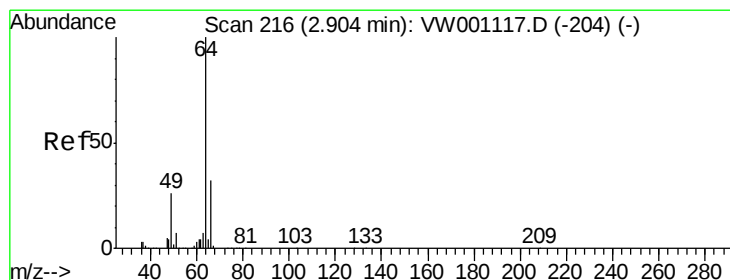
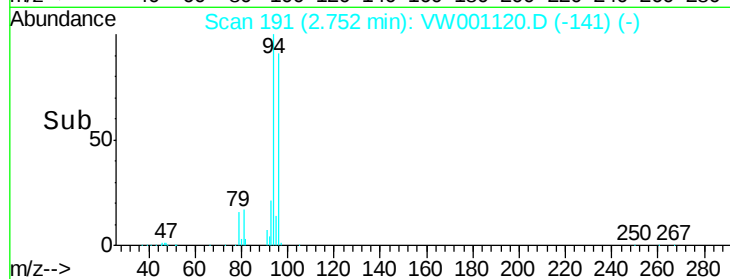
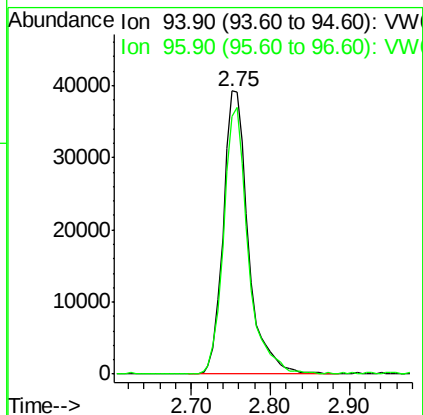
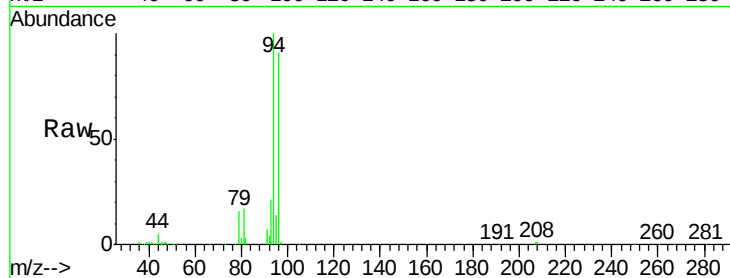
ICVW012918

Tgt Ion: 94 Resp: 86798

Ion Ratio Lower Upper

94 100

96 90.7 73.7 110.5



#6

Chloroethane

Concen: 51.68 ug/l

RT: 2.91 min Scan# 217

Delta R.T. 0.01 min

Lab File: VW001120.D

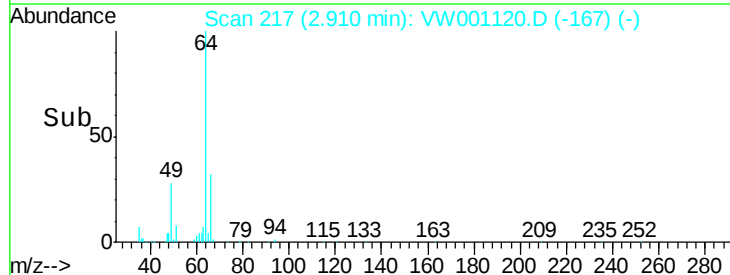
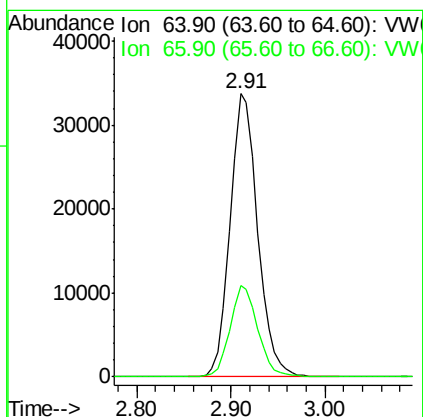
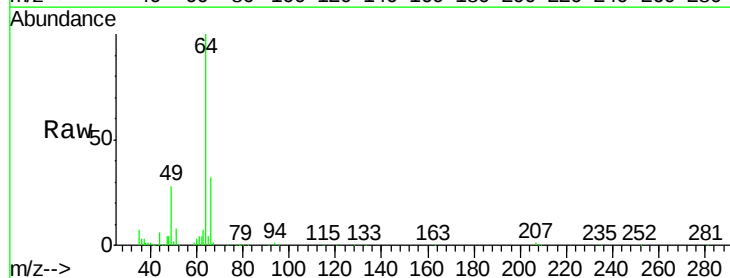
Acq: 29 Jan 2018 15:04

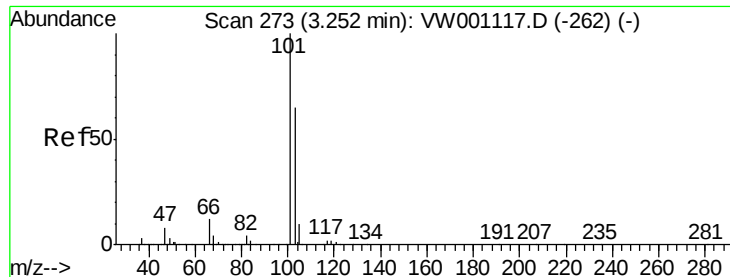
Tgt Ion: 64 Resp: 68714

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.8



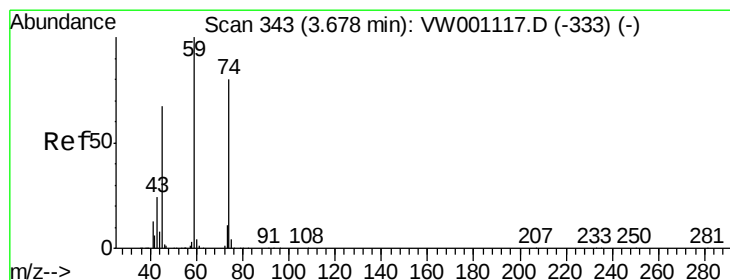
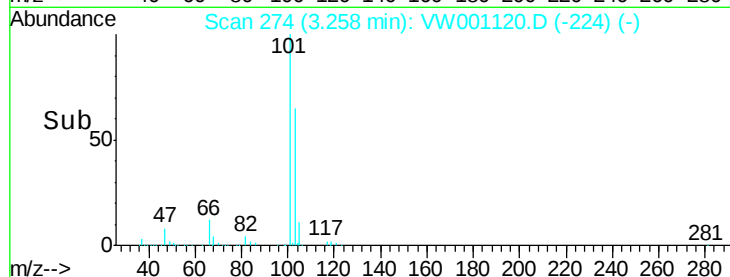
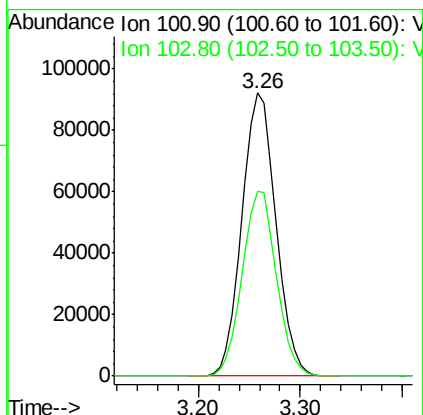
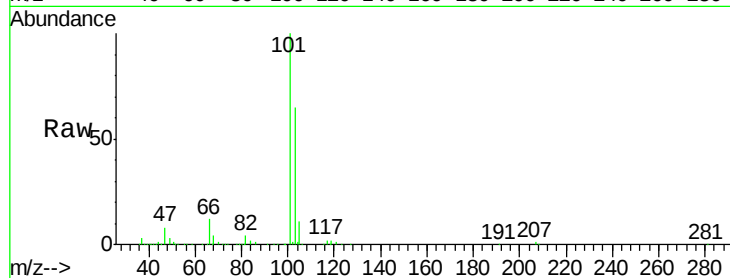


#7

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

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

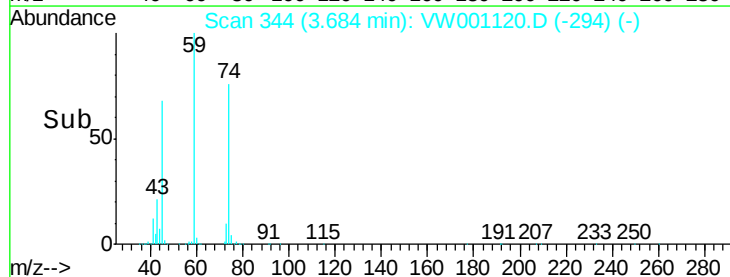
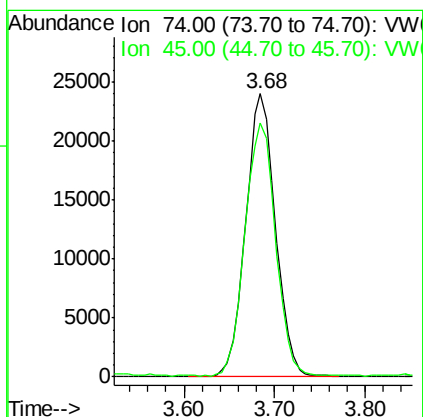
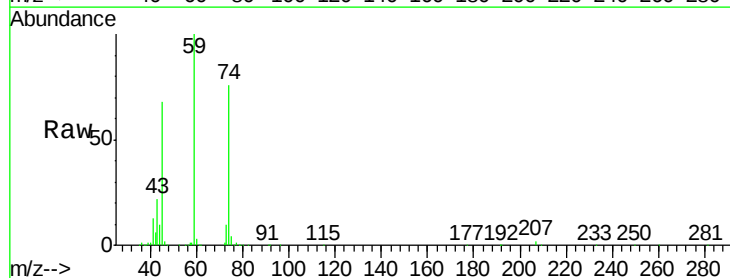
Tgt Ion: 101 Resp: 213865
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9

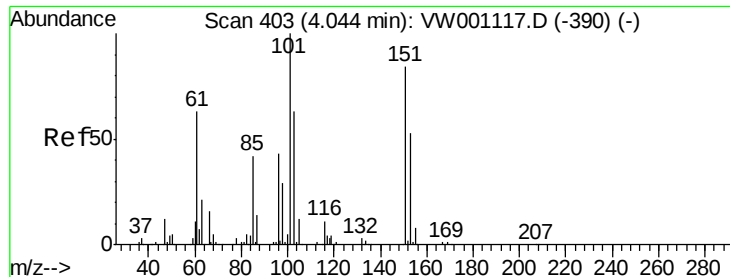


#8

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

Tgt Ion: 74 Resp: 54525
Ion Ratio Lower Upper
74 100
45 91.8 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.06 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

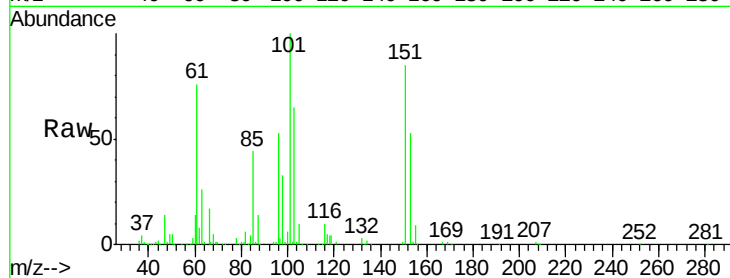
Tgt Ion:101 Resp: 130491

Ion Ratio Lower Upper

101 100

85 43.4 34.9 52.3

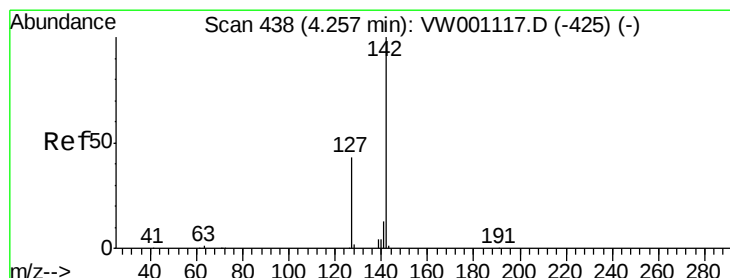
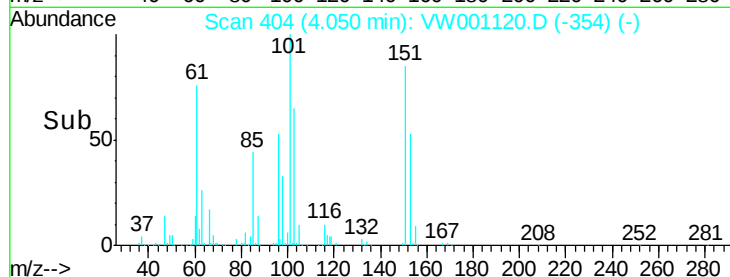
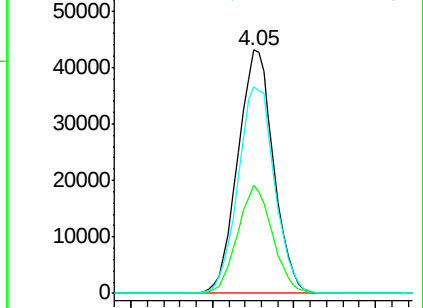
151 87.5 68.6 103.0



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: 48.59 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

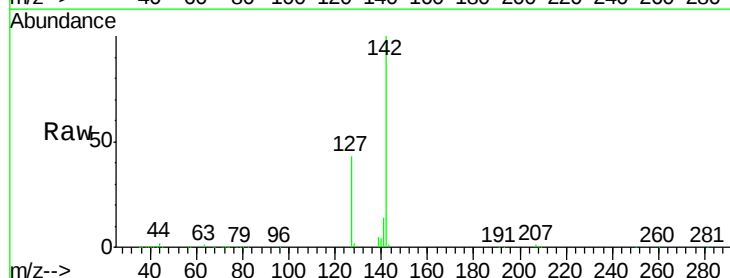
Tgt Ion:142 Resp: 148609

Ion Ratio Lower Upper

142 100

127 45.1 35.4 53.2

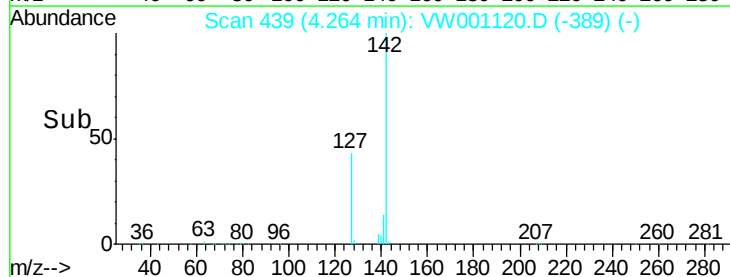
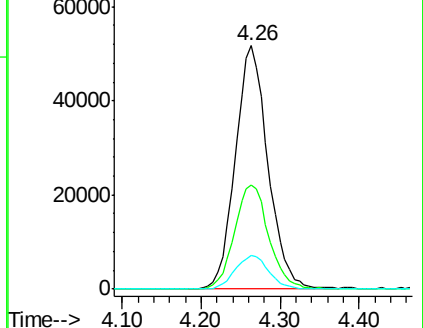
141 14.3 11.6 17.4

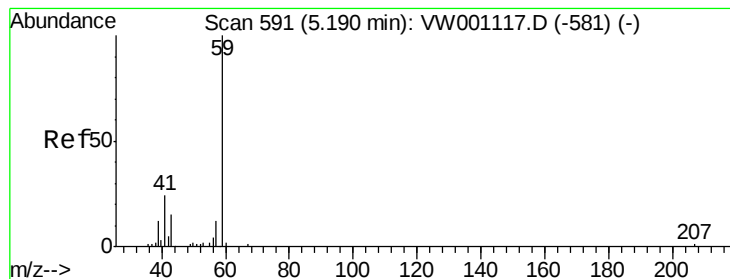


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



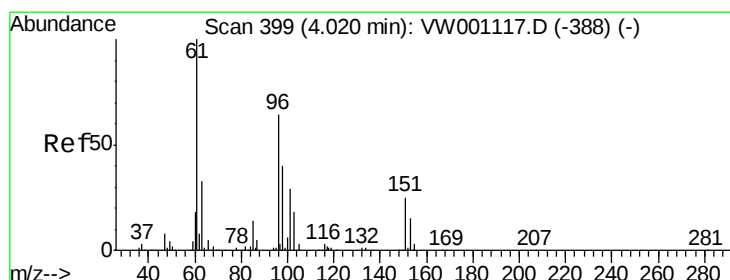
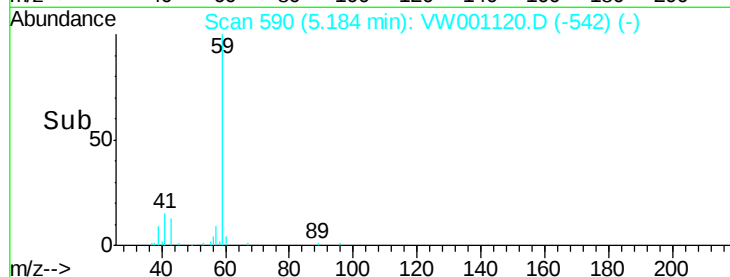
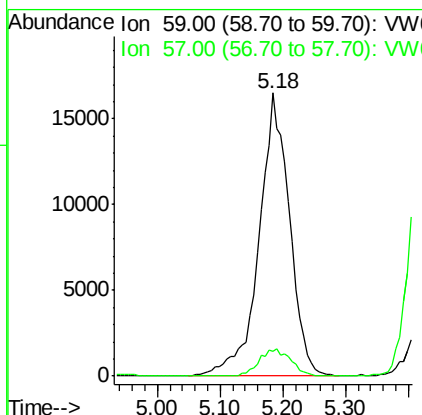
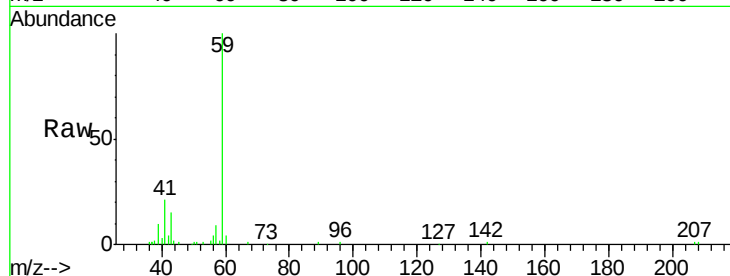


#11

Tert butyl alcohol
 Concen: 223.04 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

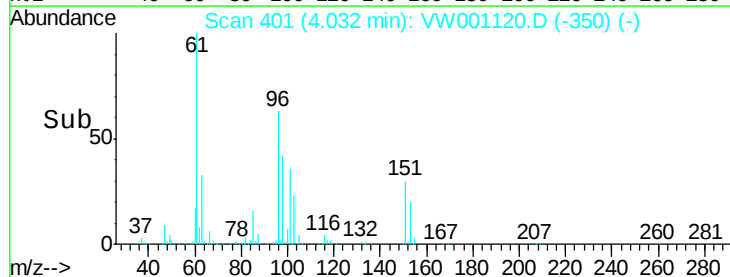
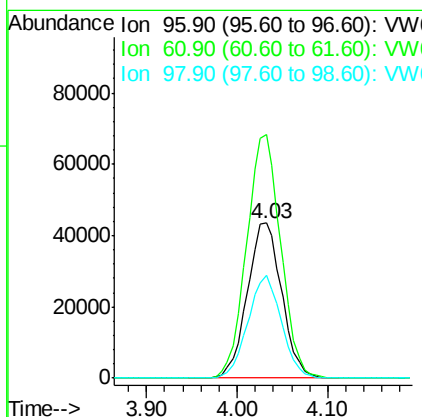
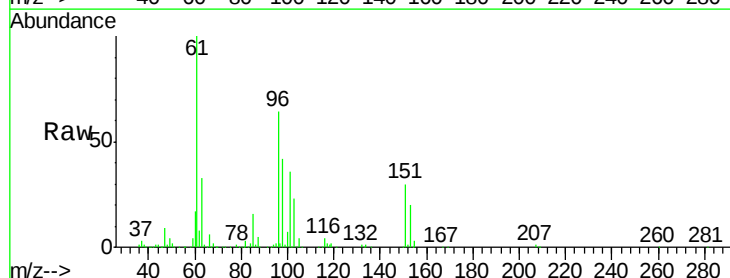
Tgt Ion: 59 Resp: 55385
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

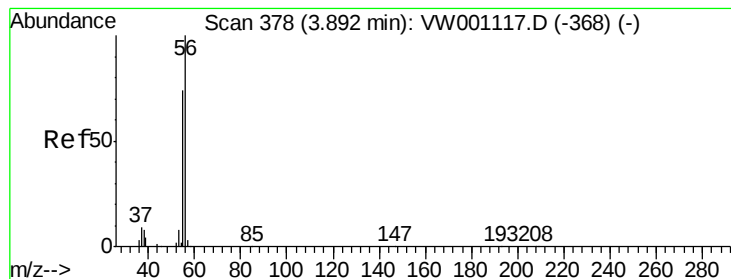


#12

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

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





#13

Acrolein

Concen: 187.40 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

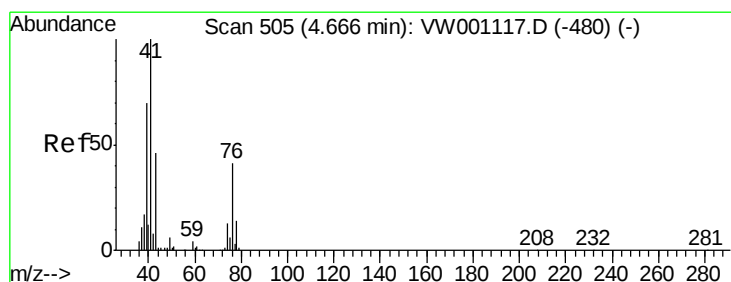
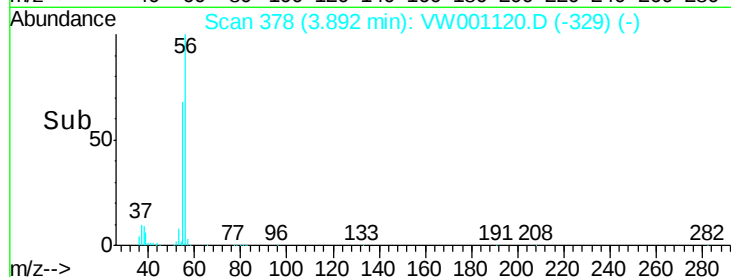
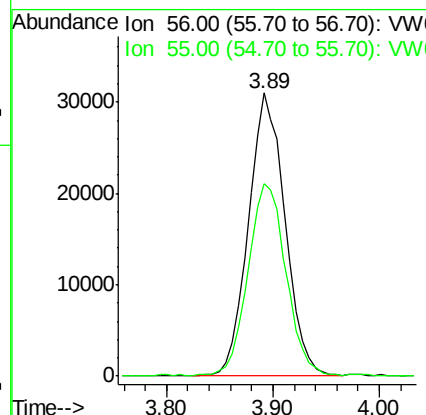
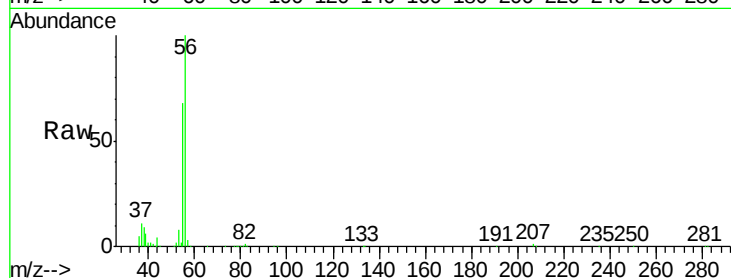
ICVW012918

Tgt Ion: 56 Resp: 74741

Ion Ratio Lower Upper

56 100

55 70.1 58.2 87.4



#14

Allyl chloride

Concen: 49.20 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

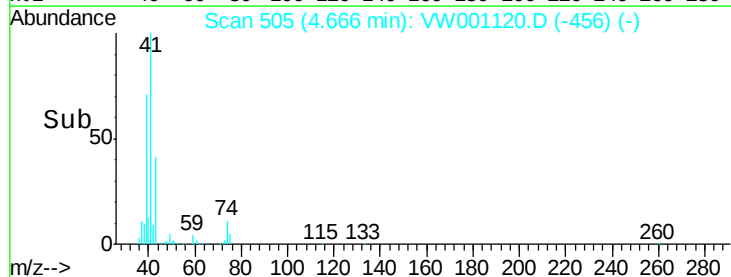
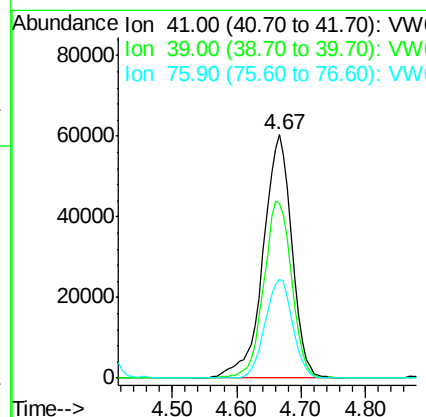
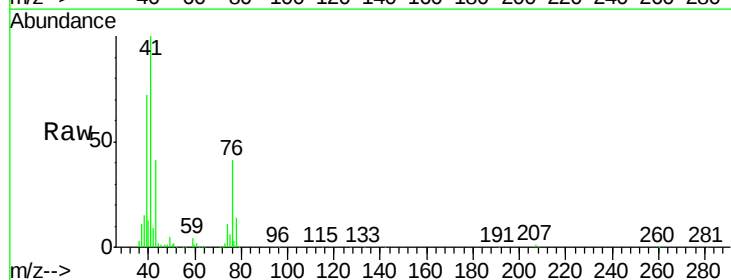
Tgt Ion: 41 Resp: 185998

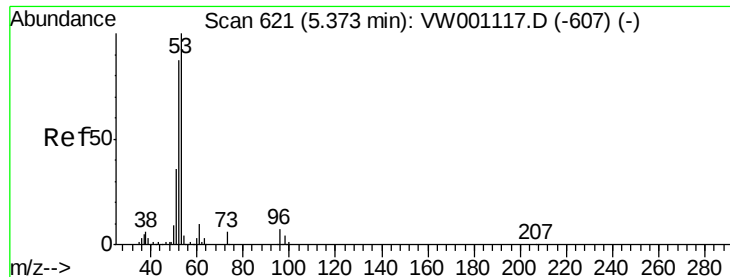
Ion Ratio Lower Upper

41 100

39 70.7 55.9 83.9

76 38.9 31.0 46.6





#15

Acrylonitrile

Concen: 223.94 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

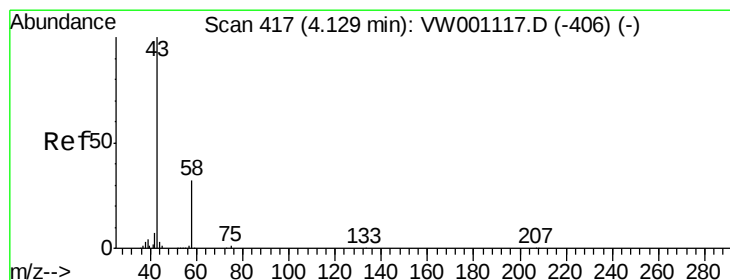
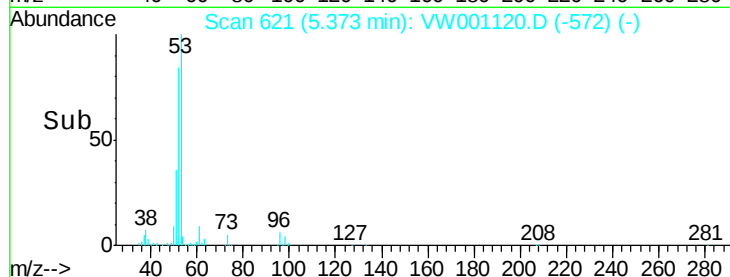
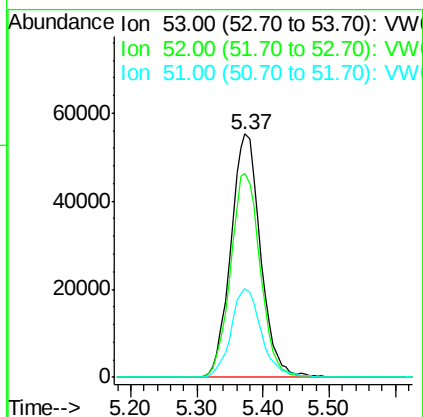
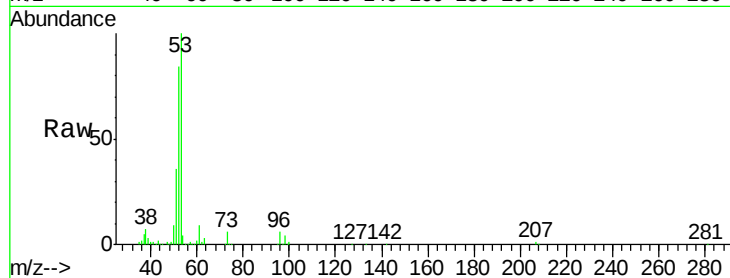
Tgt Ion: 53 Resp: 172245

Ion Ratio Lower Upper

53 100

52 83.9 66.9 100.3

51 37.7 29.5 44.3



#16

Acetone

Concen: 232.67 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW001120.D

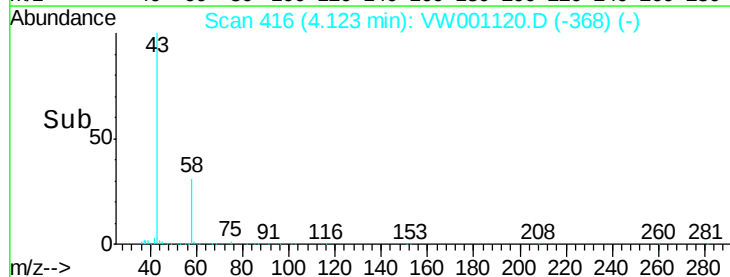
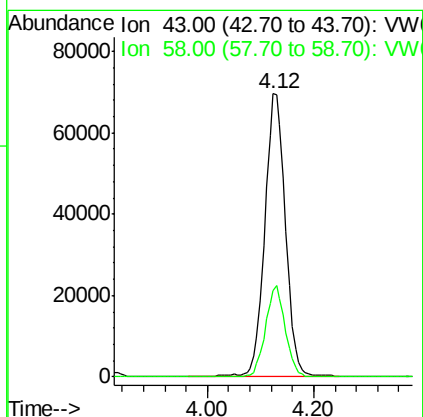
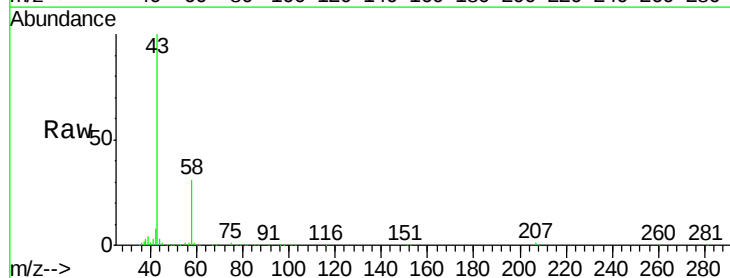
Acq: 29 Jan 2018 15:04

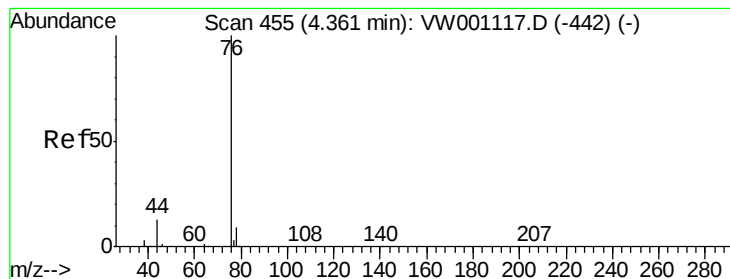
Tgt Ion: 43 Resp: 189079

Ion Ratio Lower Upper

43 100

58 30.5 25.7 38.5





#17

Carbon Disulfide

Concen: 45.54 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

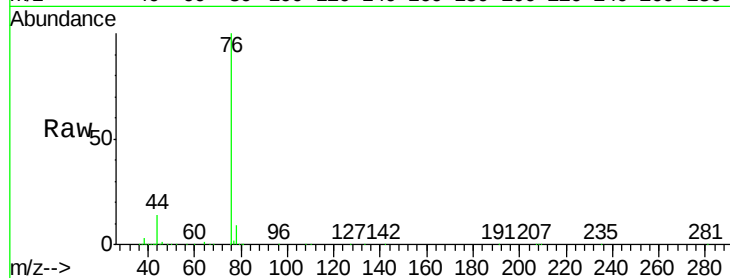
ICVW012918

Tgt Ion: 76 Resp: 357845

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

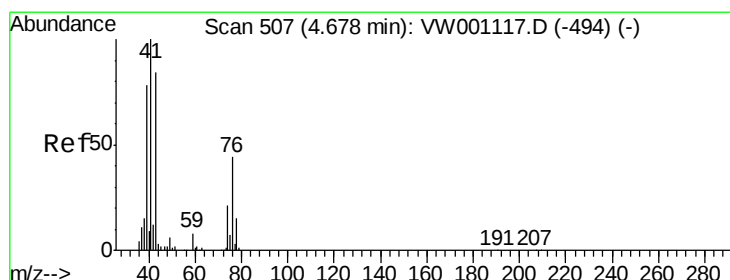
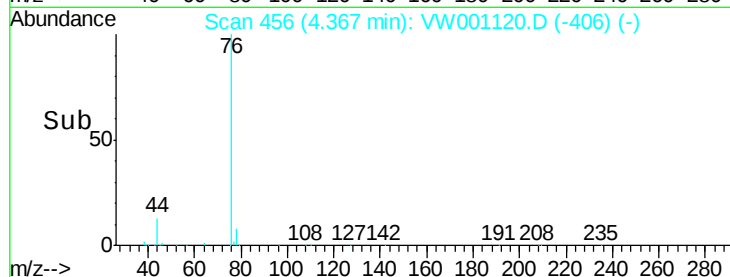
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.32 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW001120.D

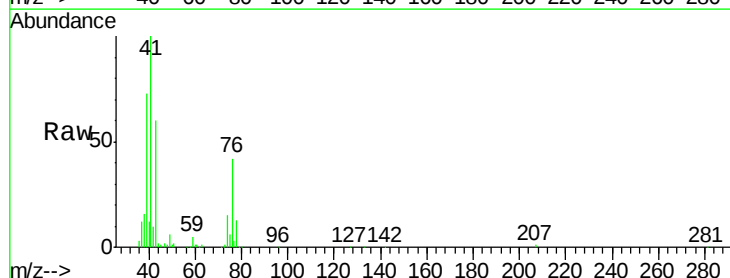
Acq: 29 Jan 2018 15:04

Tgt Ion: 43 Resp: 82463

Ion Ratio Lower Upper

43 100

74 24.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

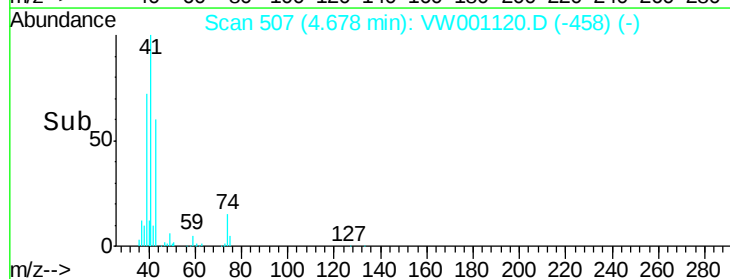
30000

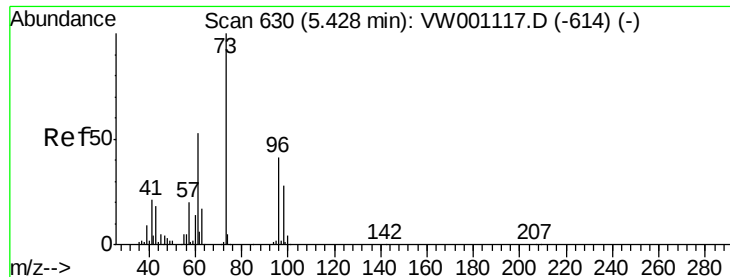
20000

10000

0

Time-->

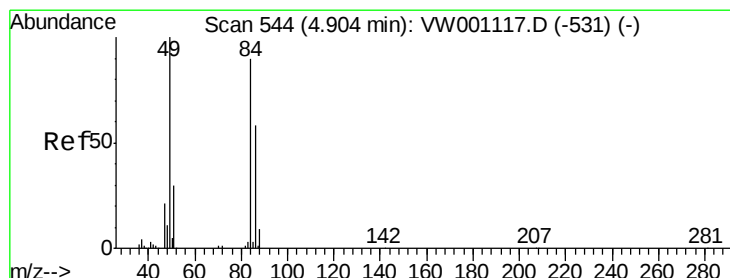
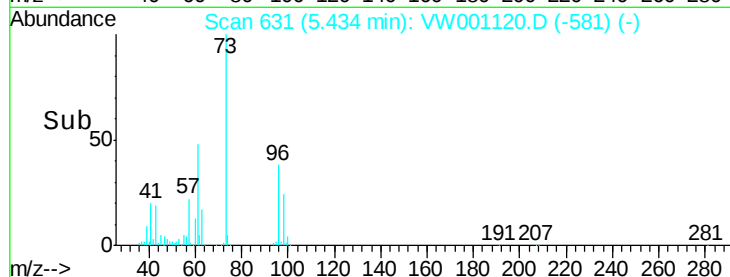
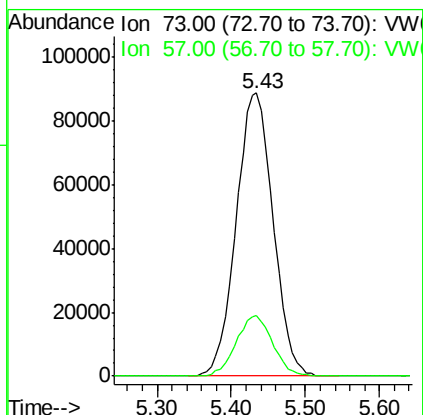
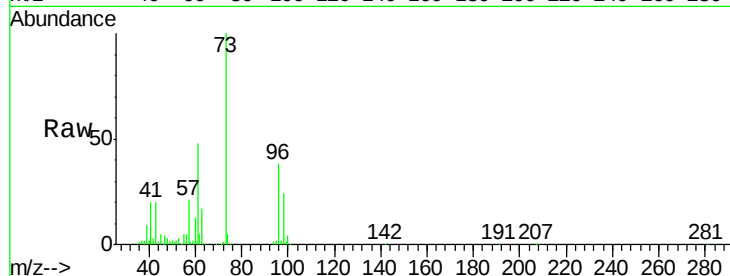




#19
Methyl tert-butyl Ether
Concen: 47.18 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

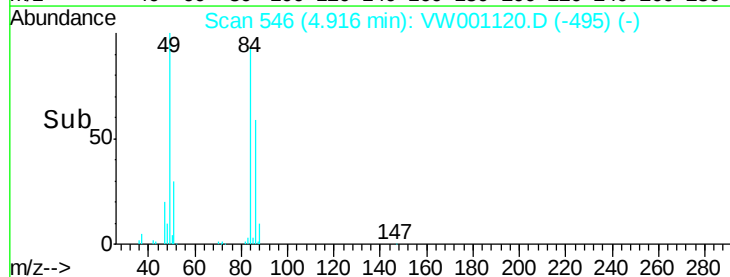
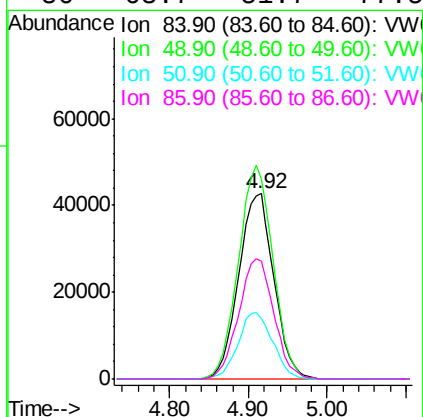
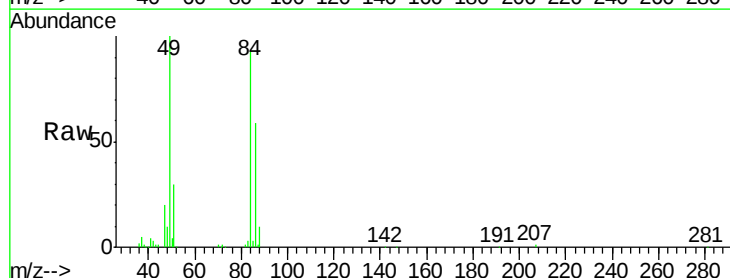
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

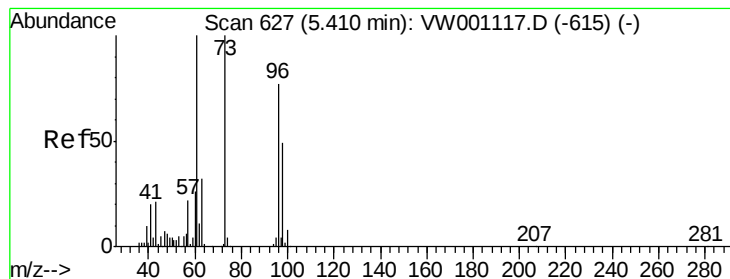
Tgt Ion: 73 Resp: 308966
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1



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

Tgt Ion: 84 Resp: 132532
Ion Ratio Lower Upper
84 100
49 107.9 89.2 133.8
51 32.2 26.7 40.1
86 63.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.61 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

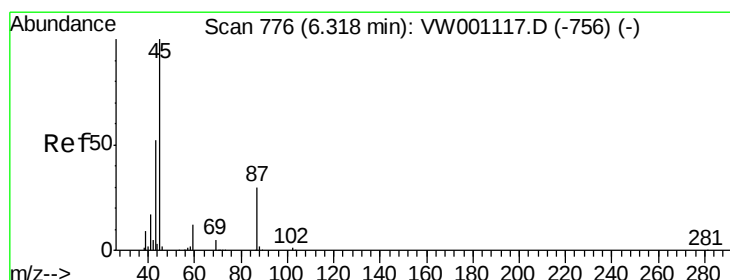
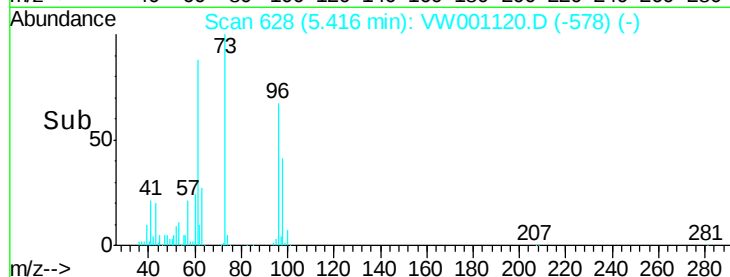
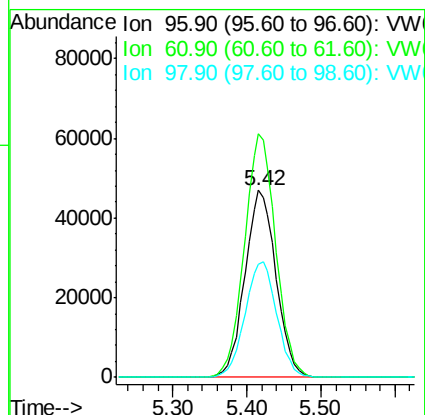
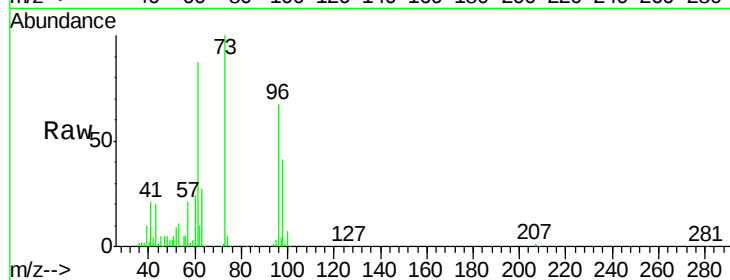
Tgt Ion: 96 Resp: 137364

Ion Ratio Lower Upper

96 100

61 130.0 104.6 156.8

98 60.7 50.8 76.2



#22

Diisopropyl ether

Concen: 48.36 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion: 45 Resp: 350202

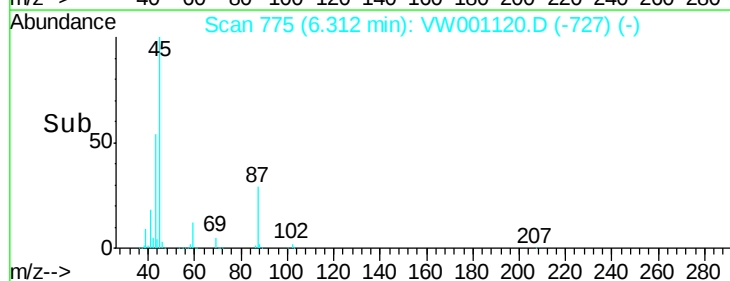
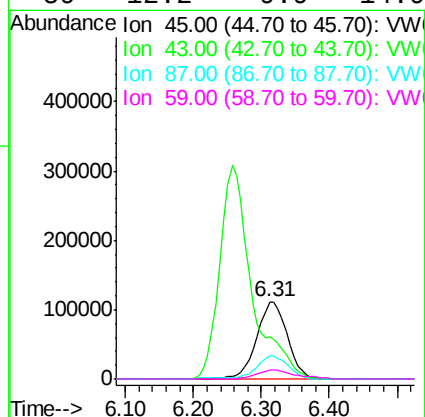
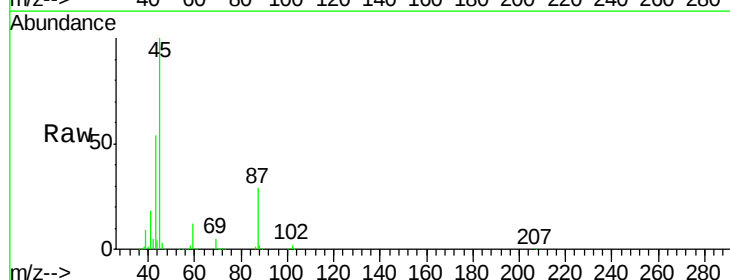
Ion Ratio Lower Upper

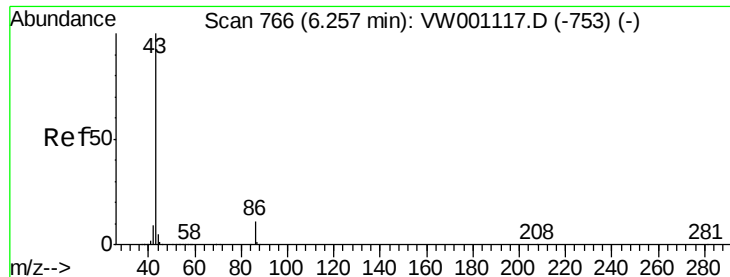
45 100

43 54.1 41.6 62.4

87 29.5 24.5 36.7

59 12.2 9.9 14.9





#23

Vinyl Acetate

Concen: 232.72 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

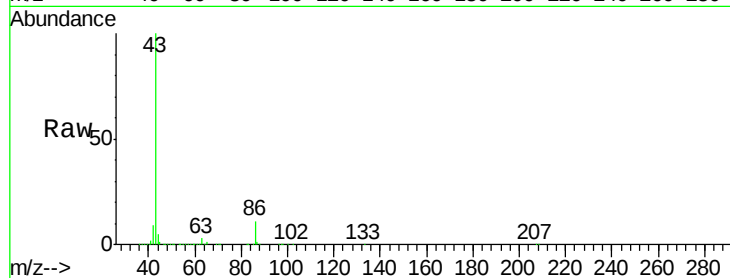
ICVW012918

Tgt Ion: 43 Resp: 1009755

Ion Ratio Lower Upper

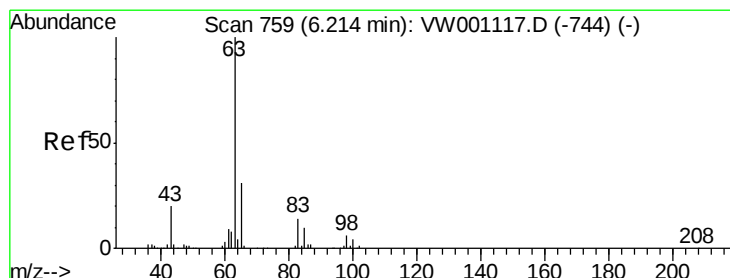
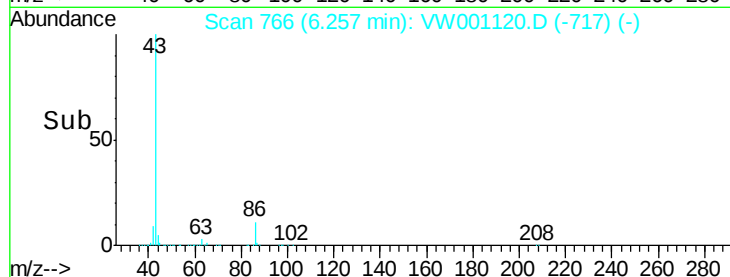
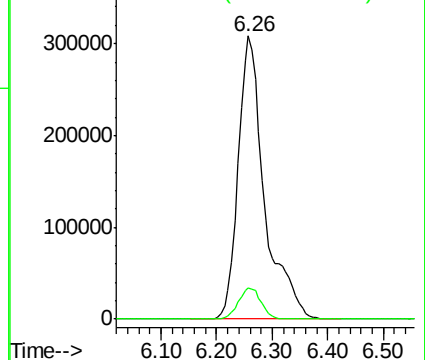
43 100

86 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 47.93 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

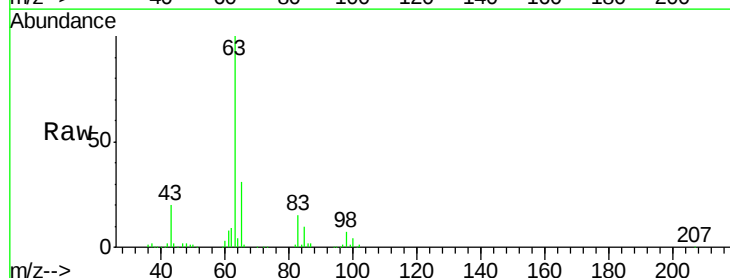
Tgt Ion: 63 Resp: 226503

Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.2

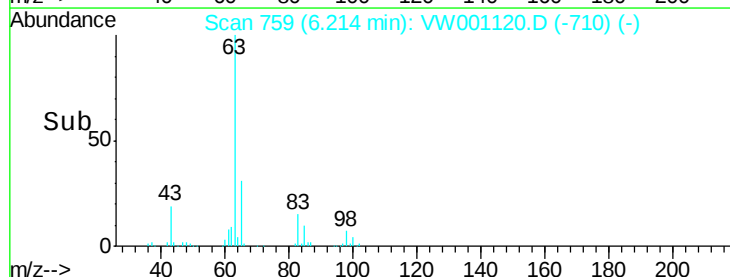
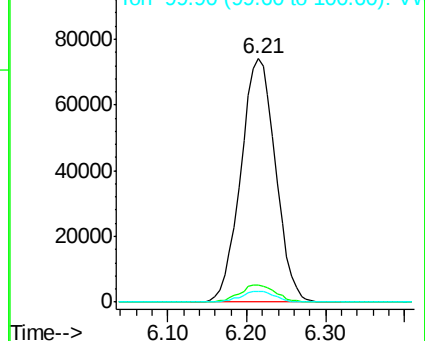
100 4.5 2.1 6.3

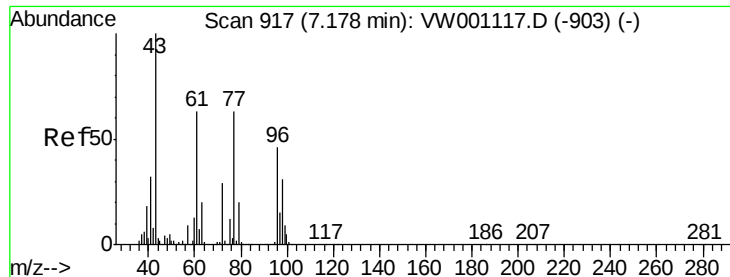


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 223.22 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

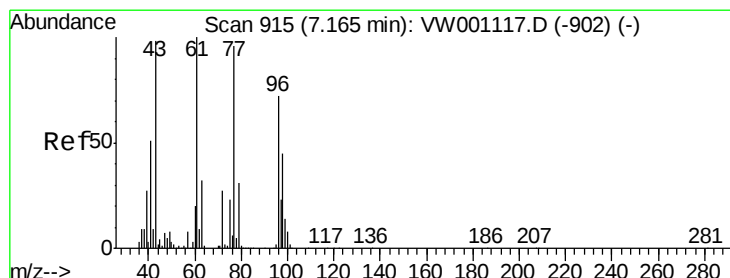
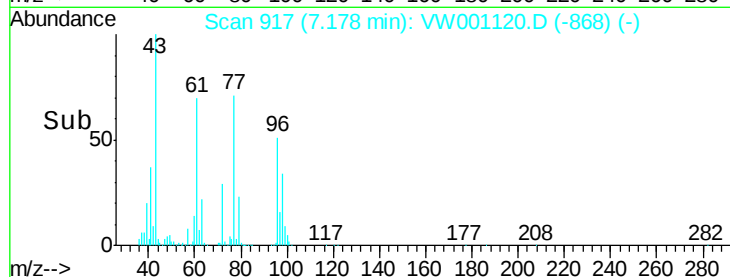
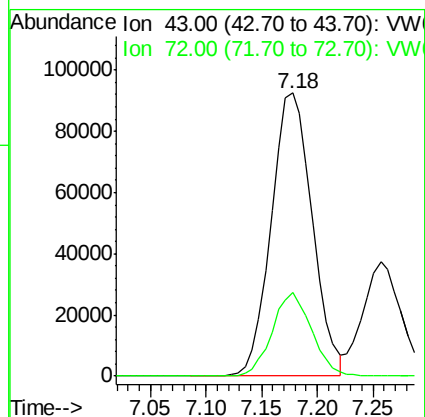
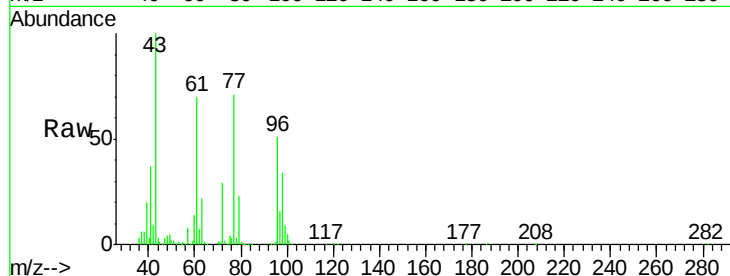
ICVW012918

Tgt Ion: 43 Resp: 238110

Ion Ratio Lower Upper

43 100

72 29.4 22.8 34.2



#26

2,2-Dichloropropane

Concen: 47.50 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001120.D

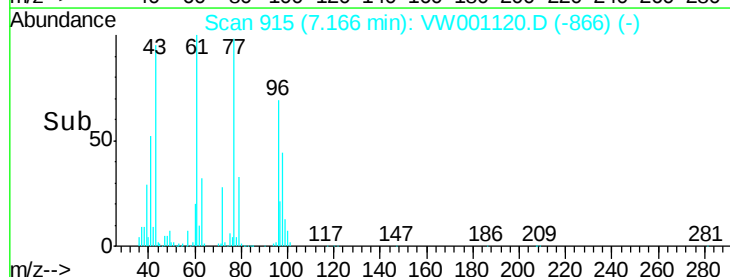
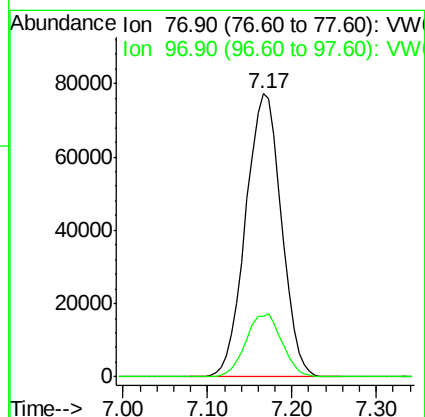
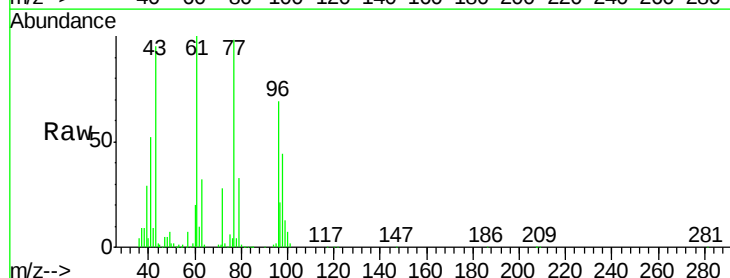
Acq: 29 Jan 2018 15:04

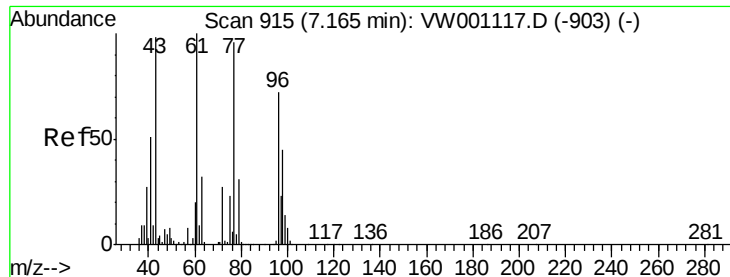
Tgt Ion: 77 Resp: 222029

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7



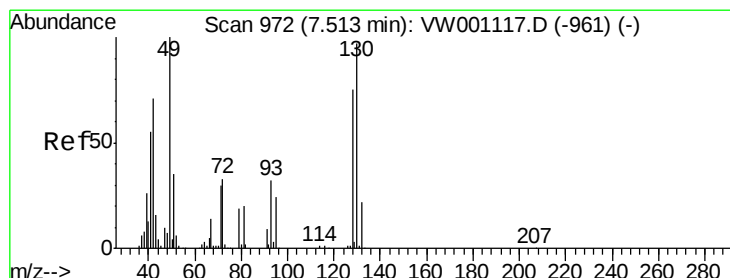
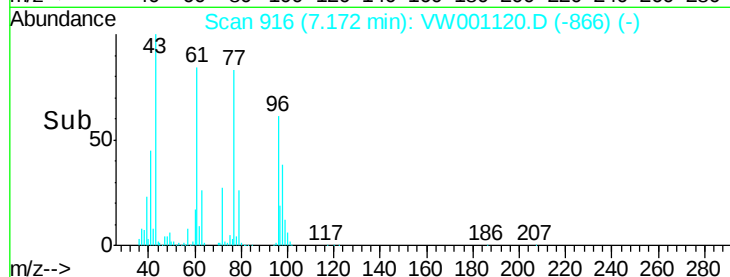
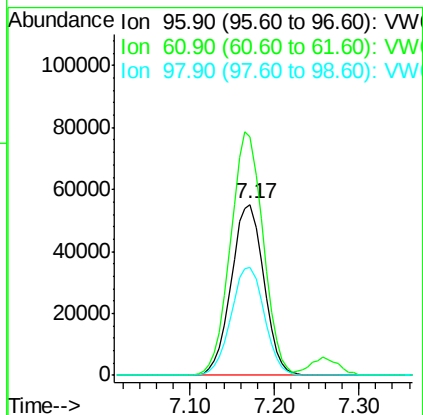
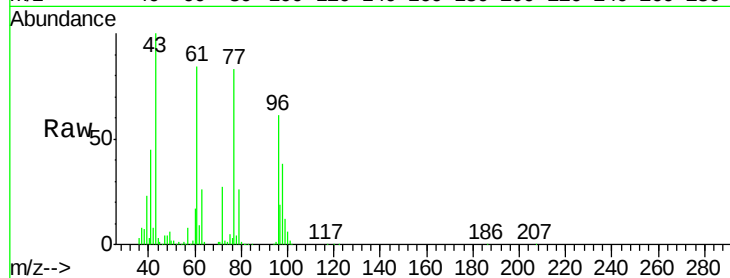


#27

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

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

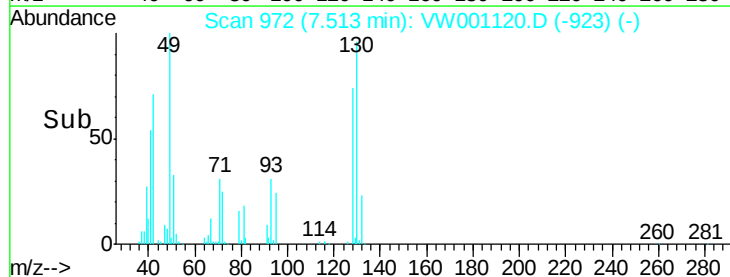
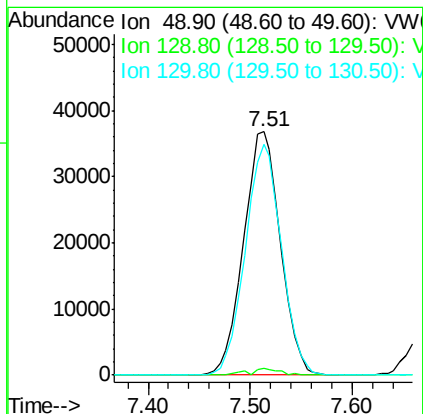
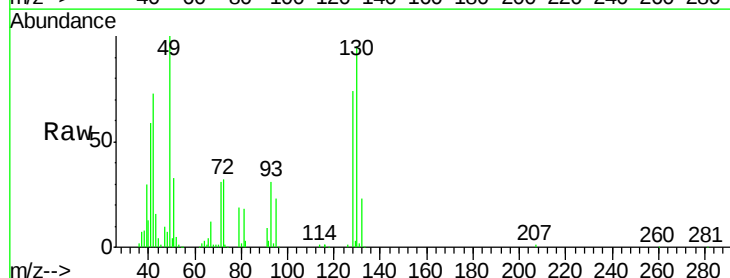
Tgt Ion: 96 Resp: 144878
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 280.4
 98 64.3 0.0 129.6

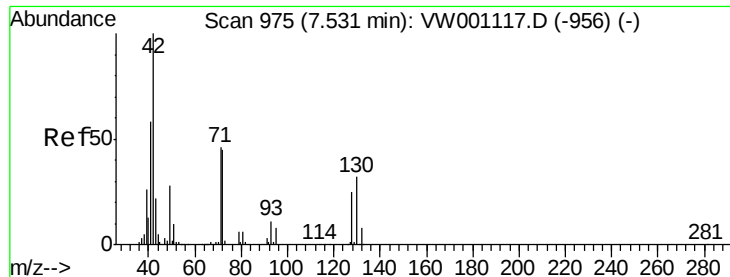


#28

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

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





#29

Tetrahydrofuran

Concen: 224.61 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

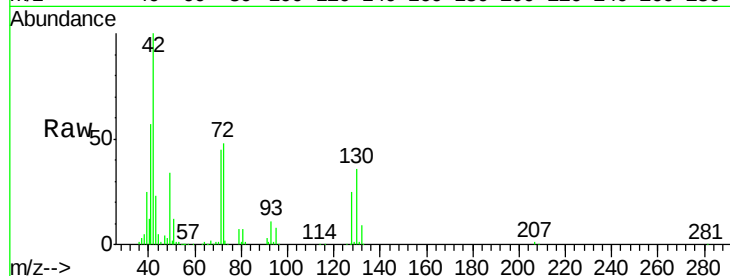
Tgt Ion: 42 Resp: 136821

Ion Ratio Lower Upper

42 100

72 45.6 36.8 55.2

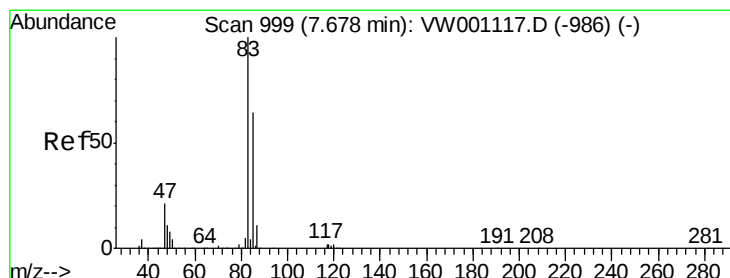
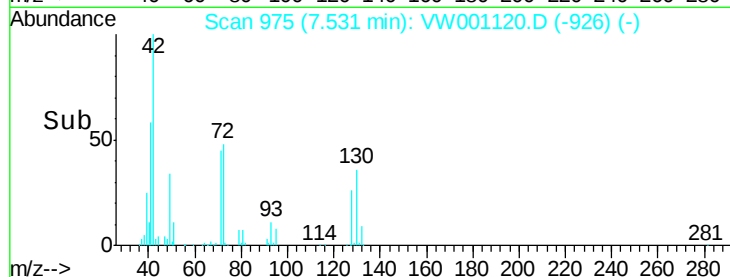
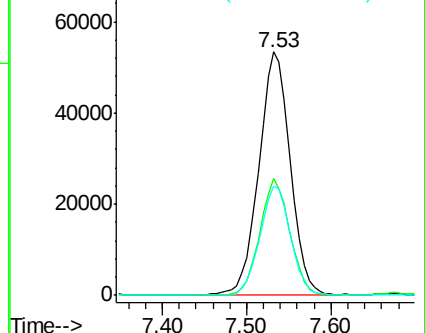
71 43.9 35.1 52.7



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: 47.00 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW001120.D

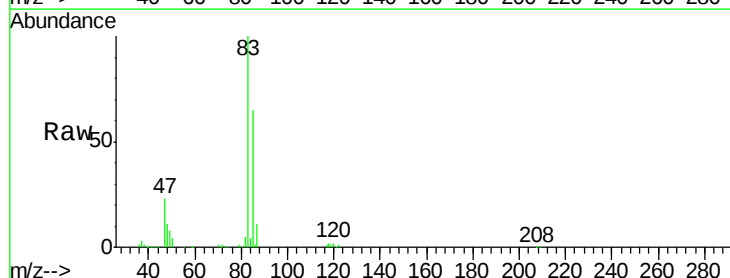
Acq: 29 Jan 2018 15:04

Tgt Ion: 83 Resp: 240683

Ion Ratio Lower Upper

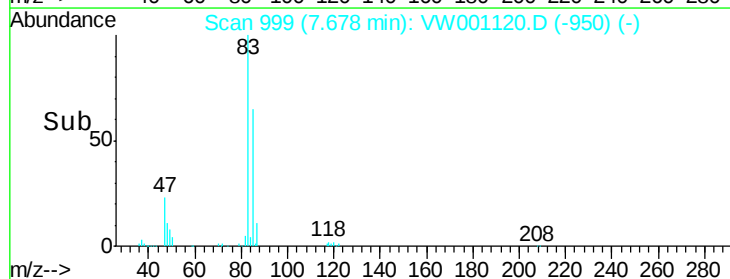
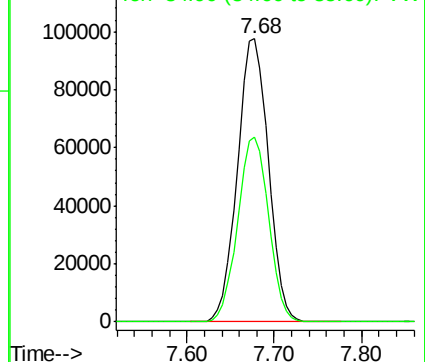
83 100

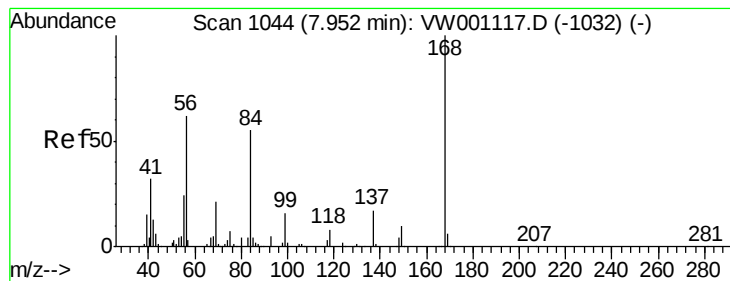
85 65.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 46.99 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampled :

ICVW012918

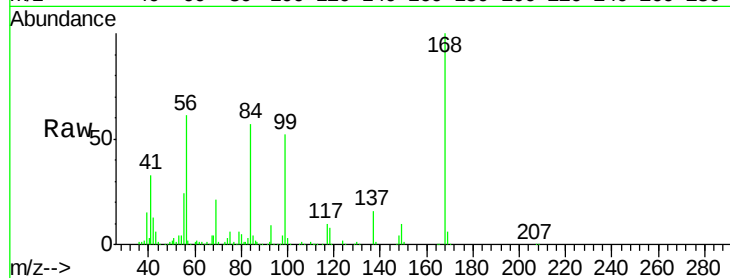
Tgt Ion: 56 Resp: 215488

Ion Ratio Lower Upper

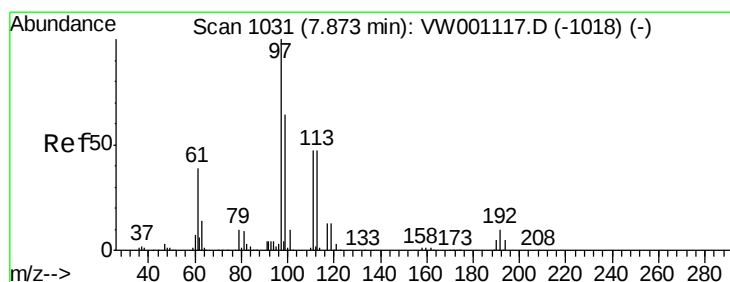
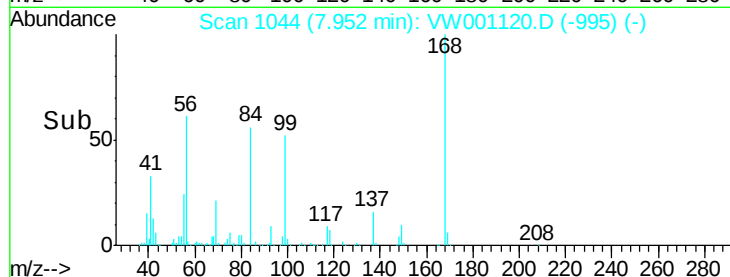
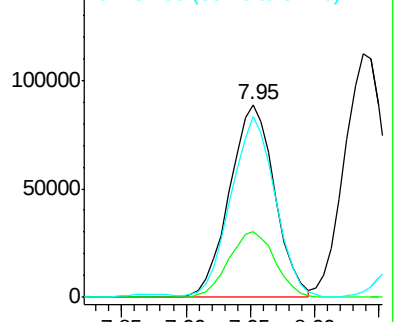
56 100

69 34.4 27.4 41.0

84 92.0 71.1 106.7



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: 48.26 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

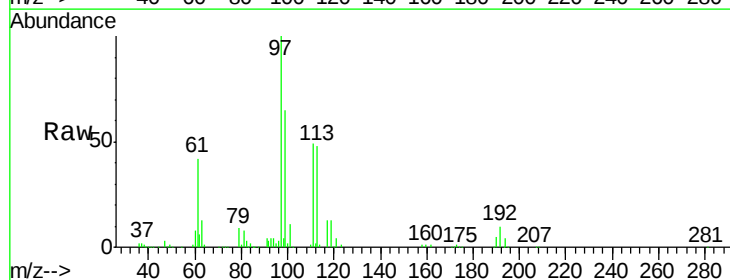
Tgt Ion: 97 Resp: 233854

Ion Ratio Lower Upper

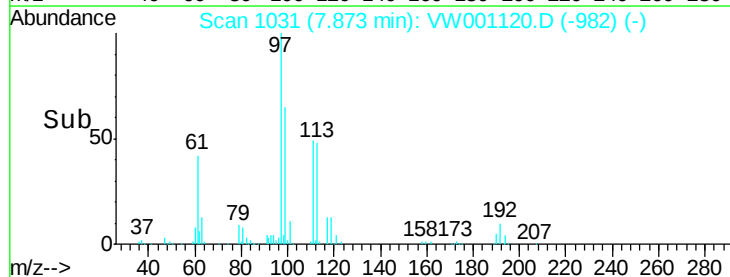
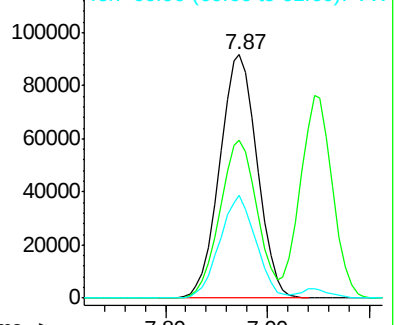
97 100

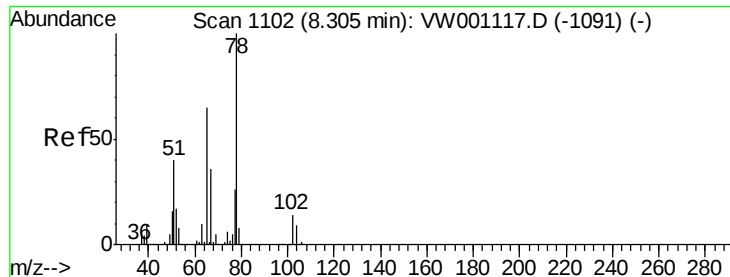
99 64.6 51.4 77.2

61 40.9 32.4 48.6



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

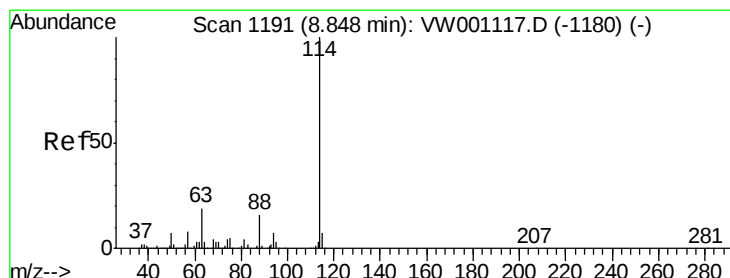
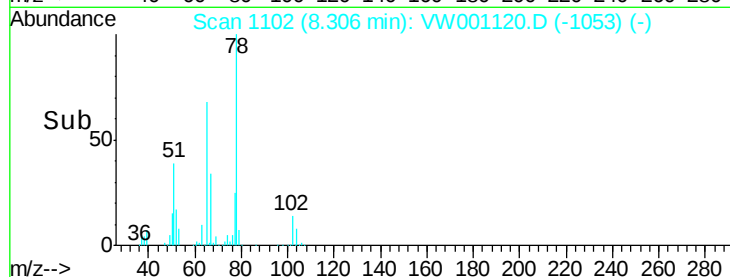
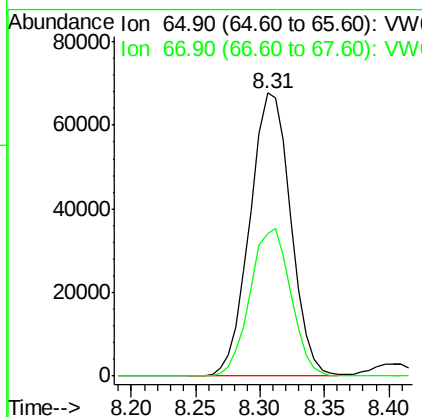
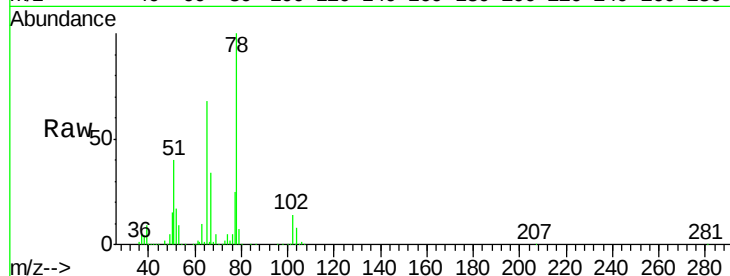




#33
 1,2-Dichloroethane-d4
 Concen: 48.21 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

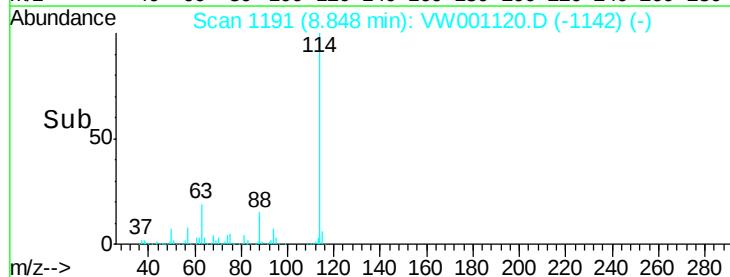
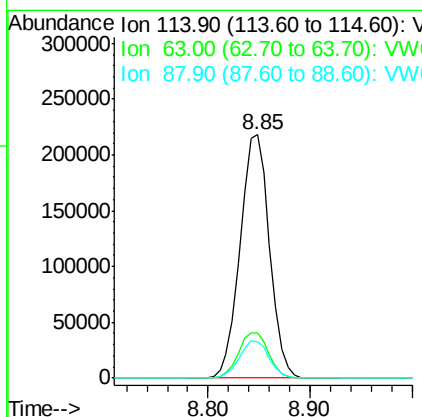
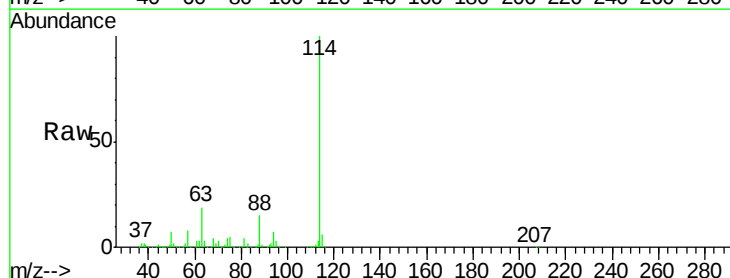
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

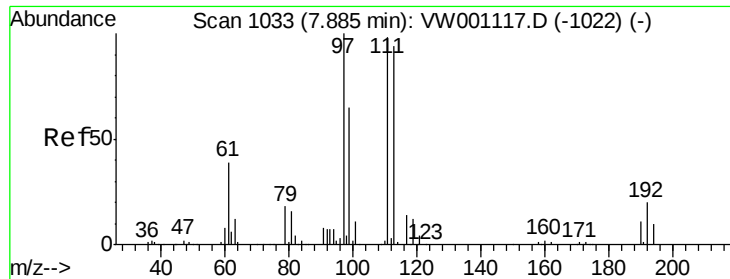
Tgt Ion: 65 Resp: 149003
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion: 114 Resp: 435857
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.2
 88 15.0 0.0 31.0

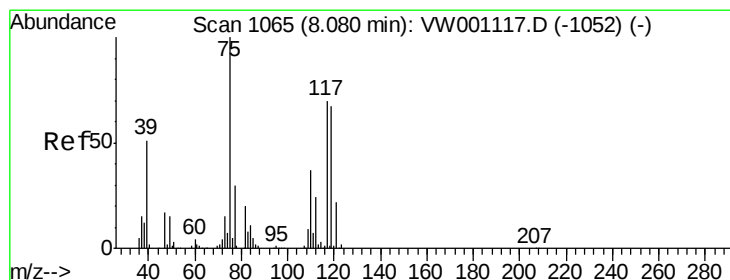
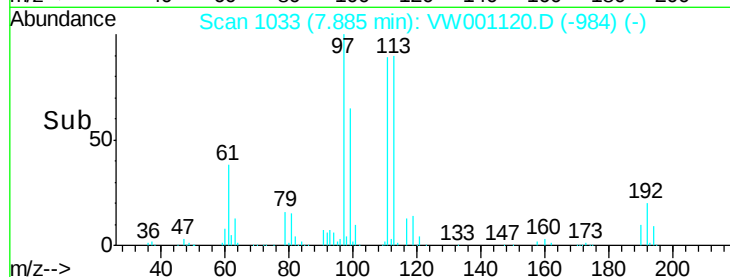
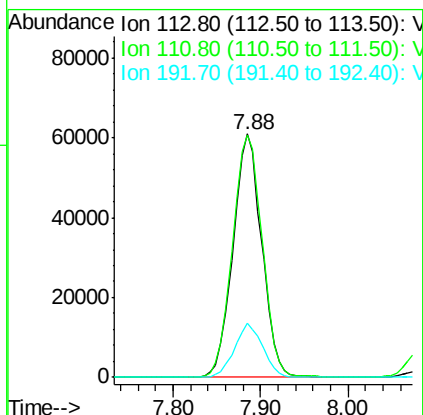
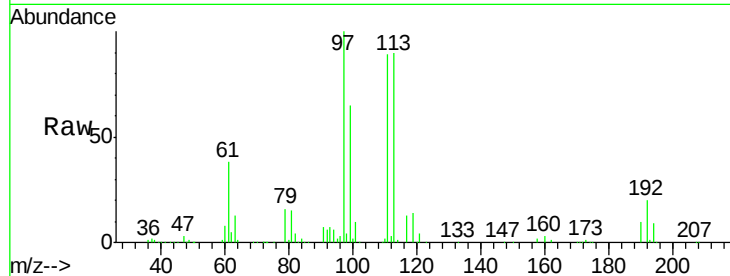




#35
 Dibromofluoromethane
 Concen: 49.94 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

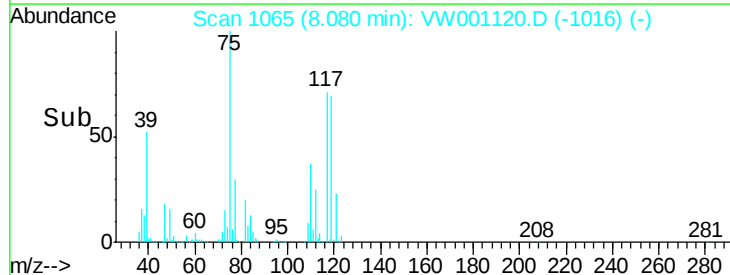
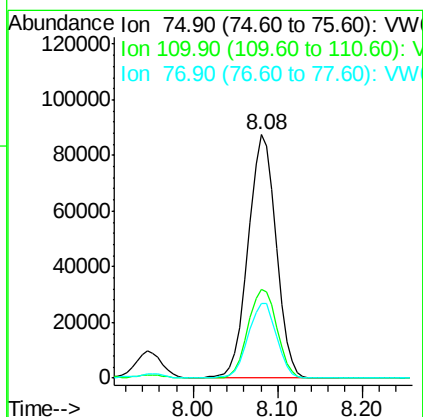
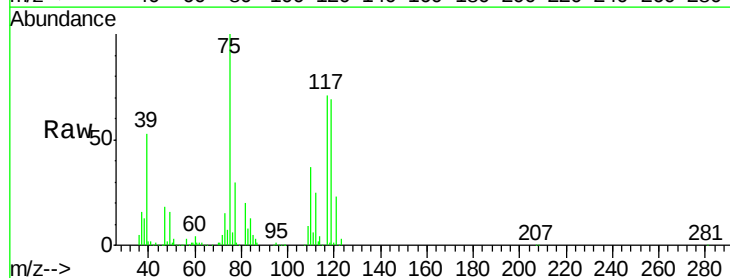
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

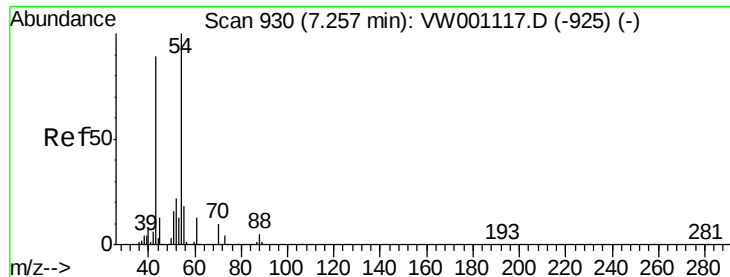
Tgt Ion:113 Resp: 139226
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.1 124.7
 192 21.8 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 49.95 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

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

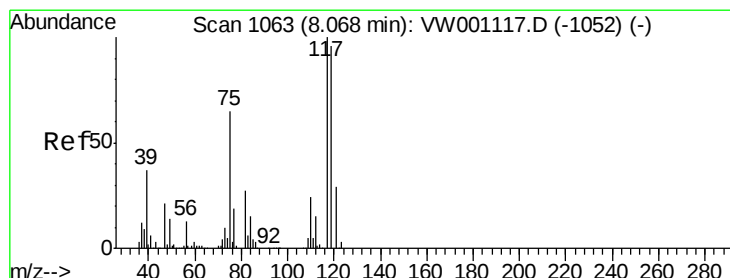
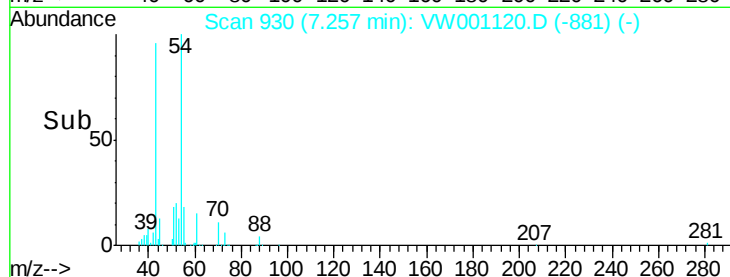
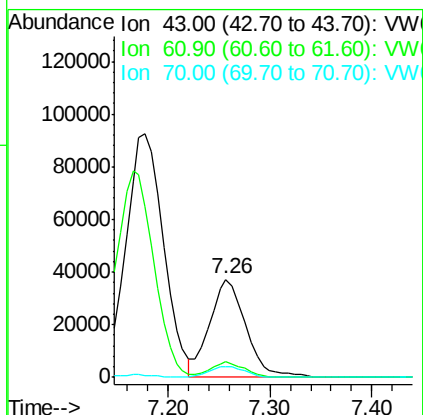
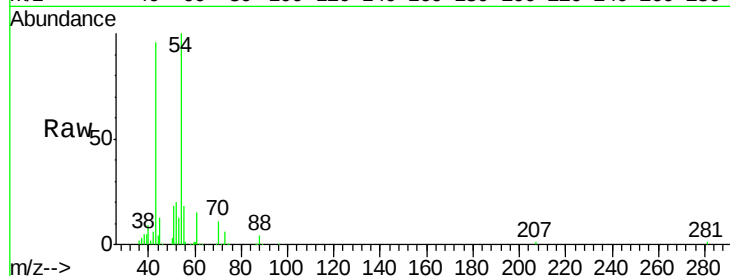




#37
Ethyl Acetate
Concen: 44.21 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

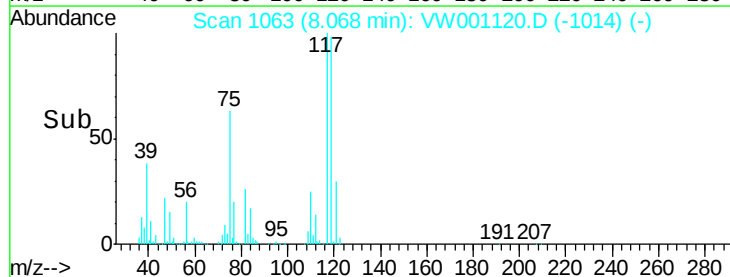
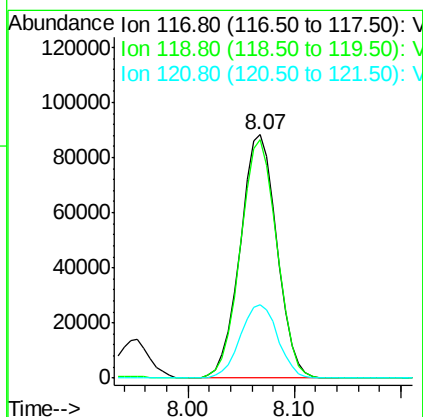
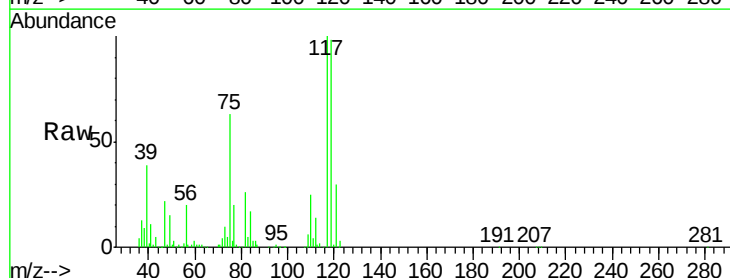
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

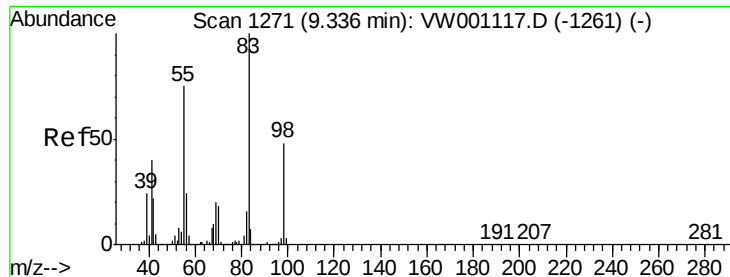
Tgt Ion: 43 Resp: 91970
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 11.2 9.4 14.0



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

Tgt Ion: 117 Resp: 213810
Ion Ratio Lower Upper
117 100
119 97.9 77.0 115.4
121 30.2 23.5 35.3

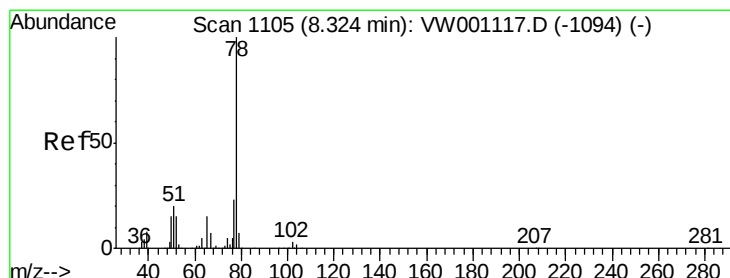
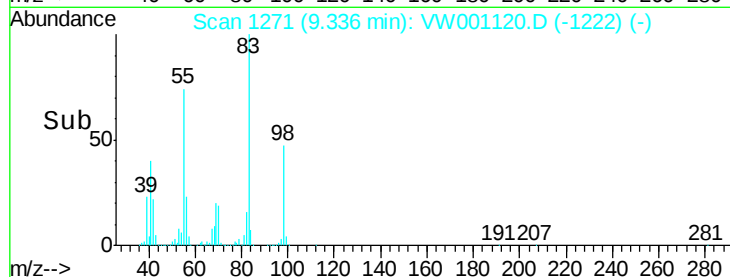
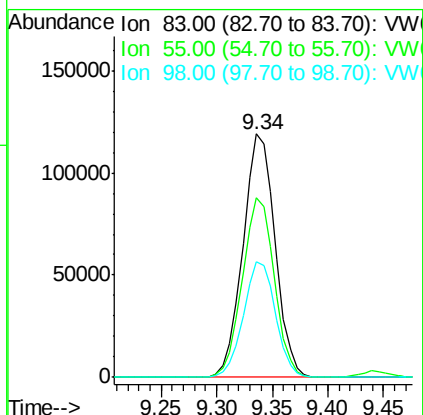
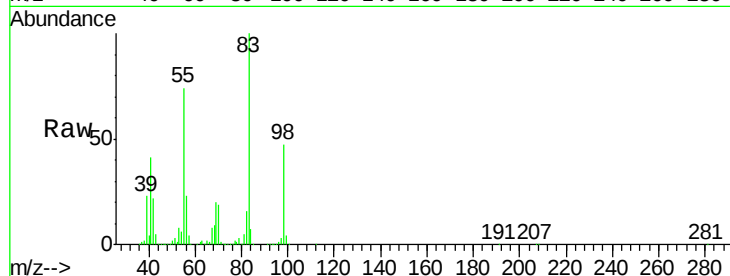




#39
Methylcyclohexane
Concen: 51.45 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

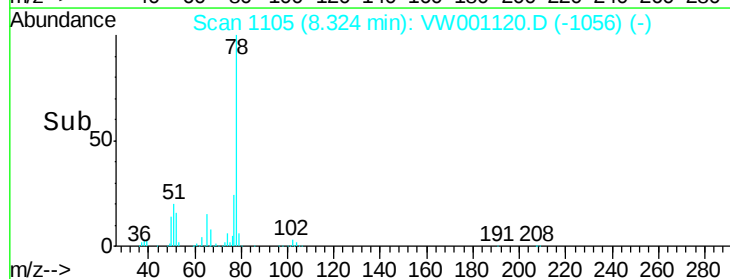
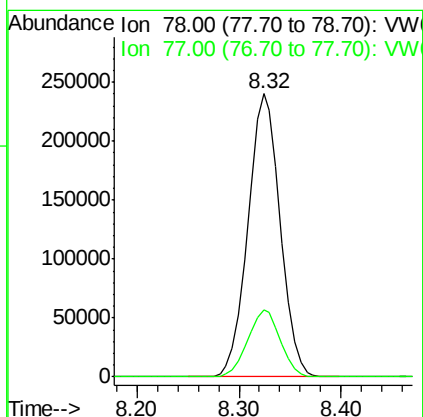
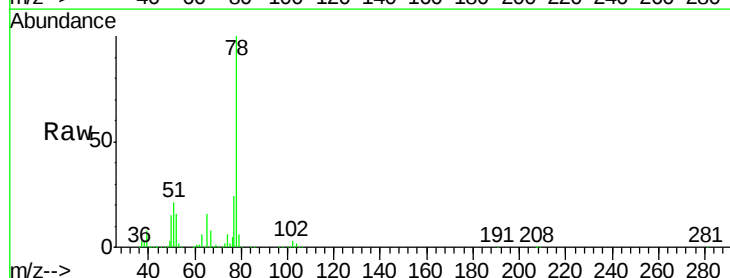
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

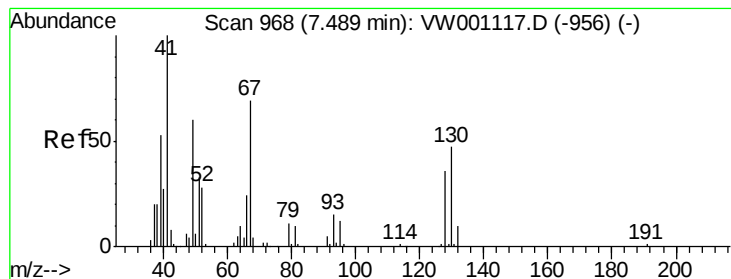
Tgt Ion: 83 Resp: 239045
Ion Ratio Lower Upper
83 100
55 73.9 59.7 89.5
98 47.4 38.0 57.0



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

Tgt Ion: 78 Resp: 526722
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0





#41

Methacrylonitrile

Concen: 48.17 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

Tgt Ion: 41 Resp: 55586

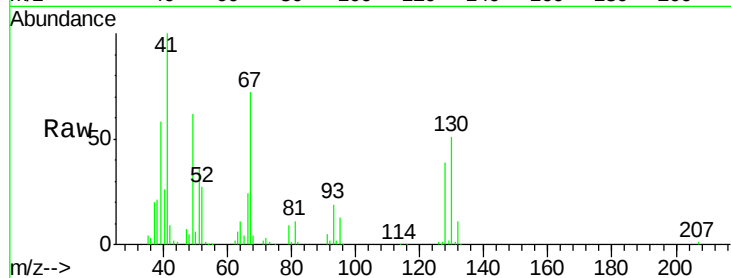
Ion Ratio Lower Upper

41 100

39 55.5 48.8 73.2

67 74.4 59.6 89.4

52 30.7 24.6 37.0

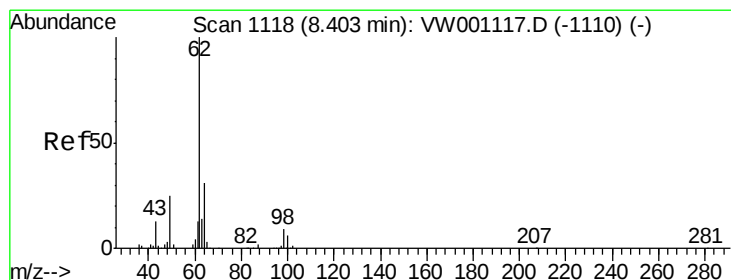
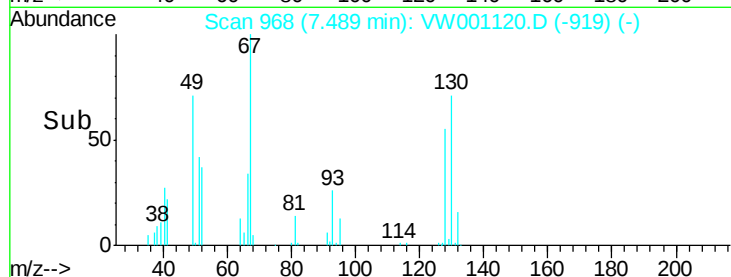
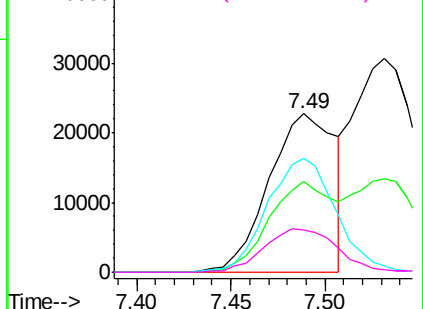


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 46.07 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW001120.D

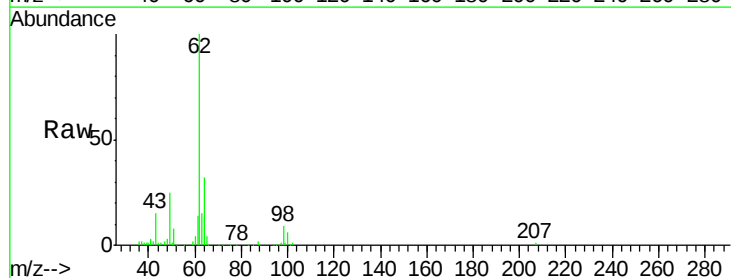
Acq: 29 Jan 2018 15:04

Tgt Ion: 62 Resp: 157820

Ion Ratio Lower Upper

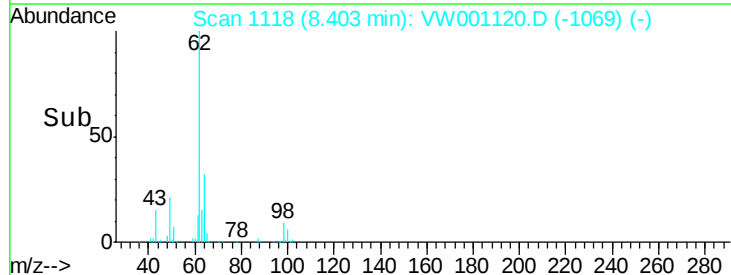
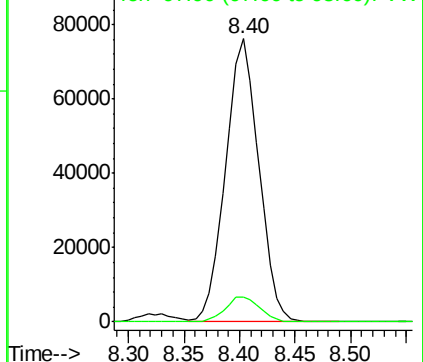
62 100

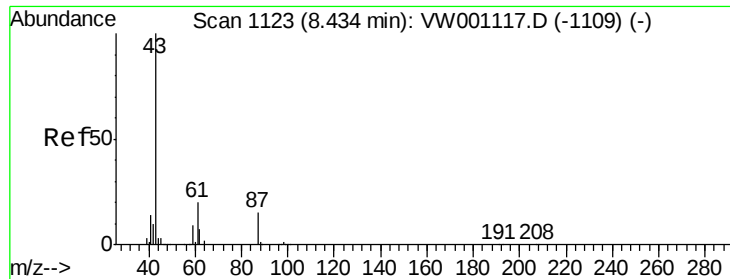
98 9.2 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 46.05 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

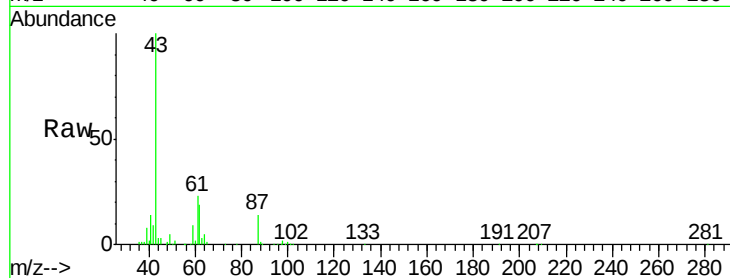
Tgt Ion: 43 Resp: 164814

Ion Ratio Lower Upper

43 100

61 30.9 23.9 35.9

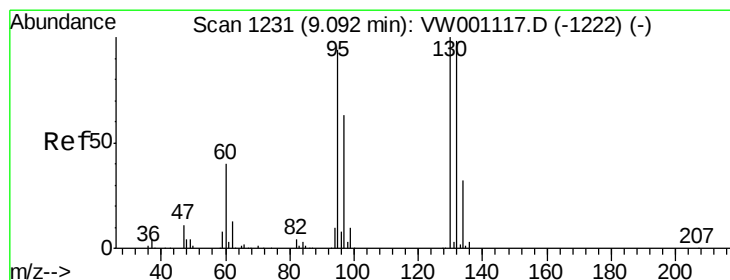
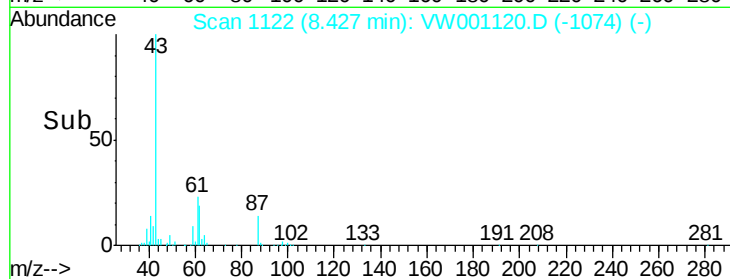
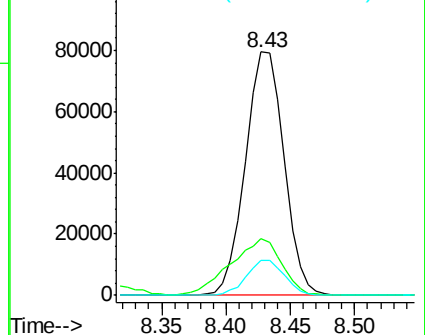
87 14.1 12.0 18.0



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: 48.46 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW001120.D

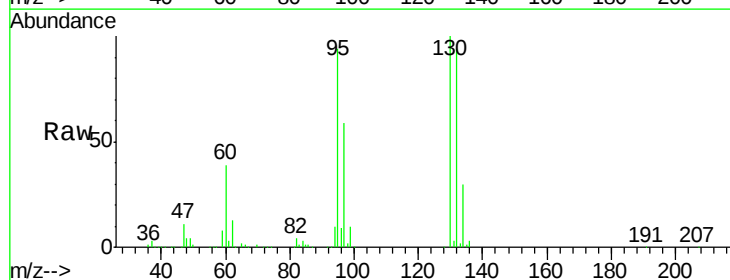
Acq: 29 Jan 2018 15:04

Tgt Ion: 130 Resp: 158527

Ion Ratio Lower Upper

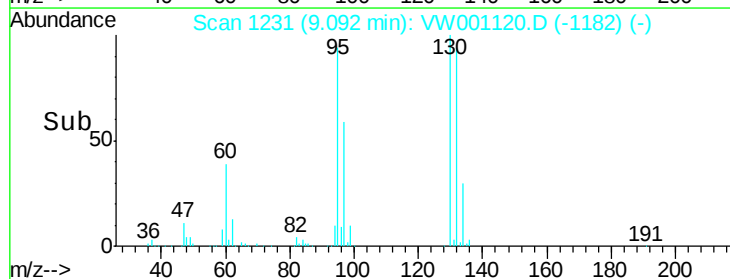
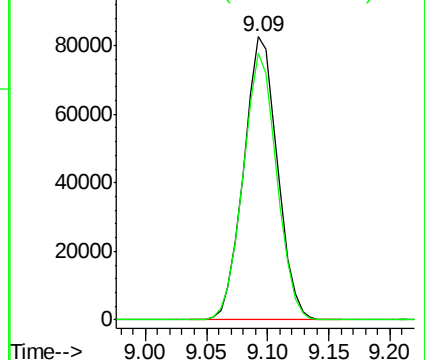
130 100

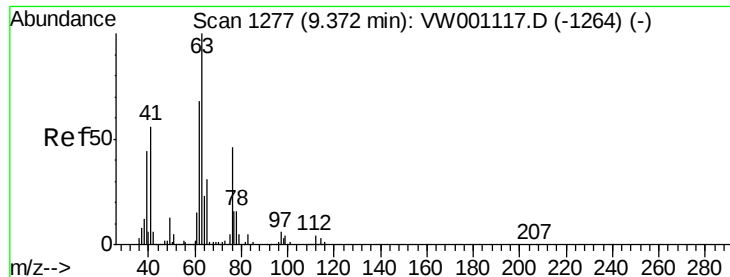
95 94.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 47.63 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

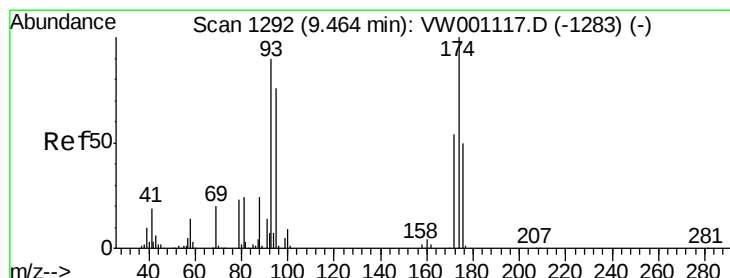
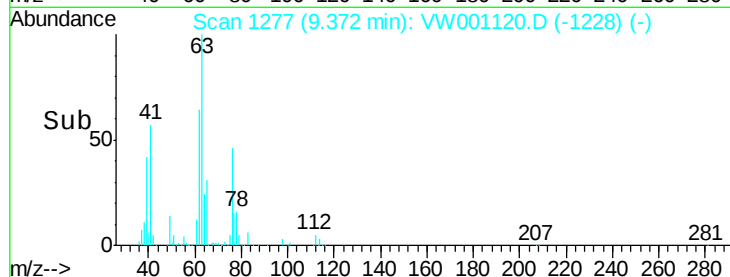
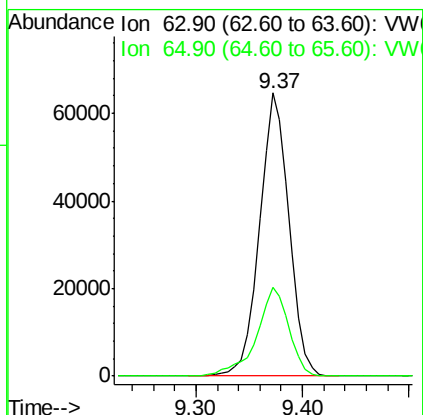
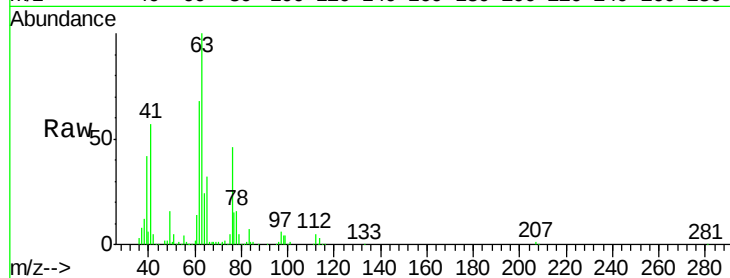
ICVW012918

Tgt Ion: 63 Resp: 124962

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 45.12 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

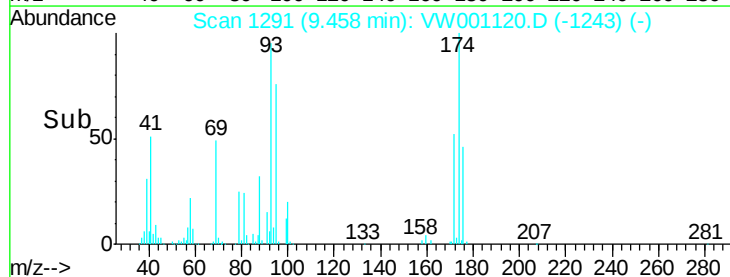
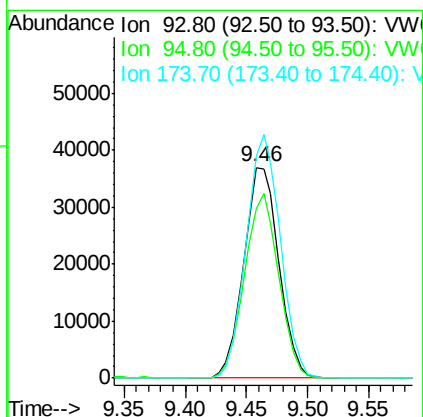
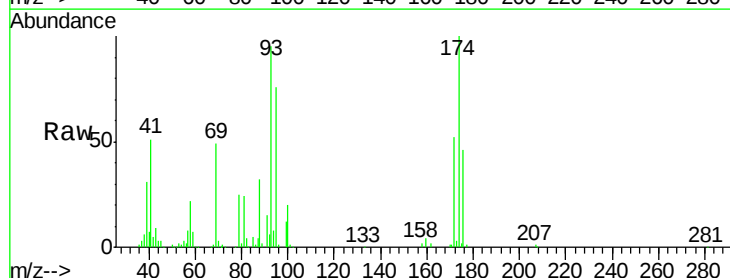
Tgt Ion: 93 Resp: 74017

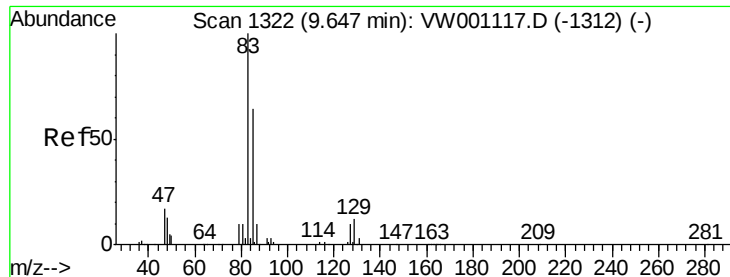
Ion Ratio Lower Upper

93 100

95 85.4 66.5 99.7

174 112.7 89.5 134.3





#47

Bromodichloromethane

Concen: 47.70 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

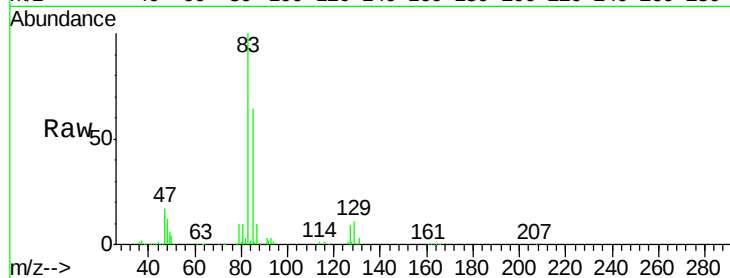
Tgt Ion: 83 Resp: 177060

Ion Ratio Lower Upper

83 100

85 63.6 51.5 77.3

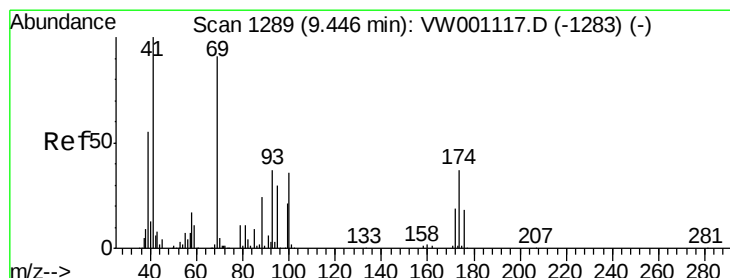
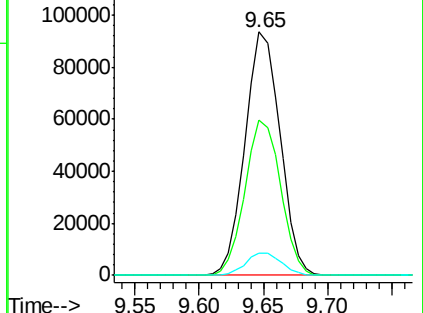
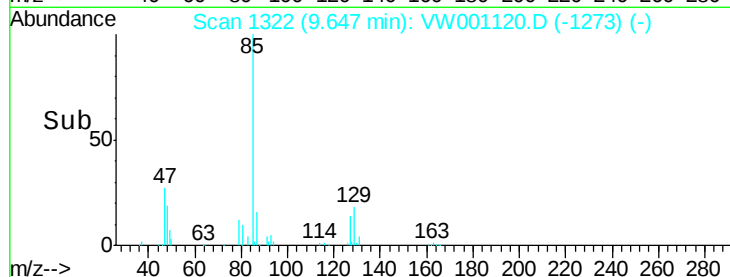
127 8.9 7.6 11.4



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: 48.42 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

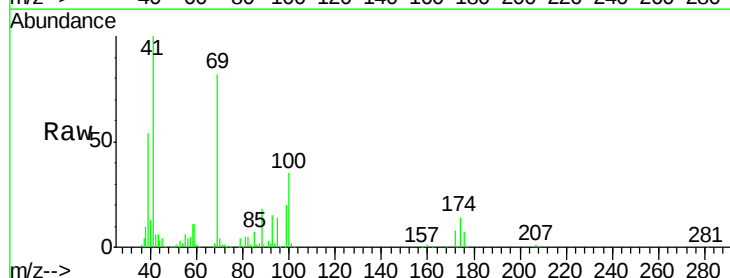
Tgt Ion: 41 Resp: 82832

Ion Ratio Lower Upper

41 100

69 89.8 74.9 112.3

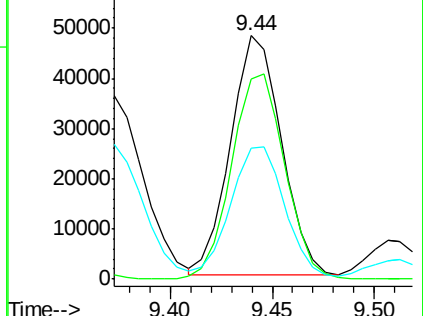
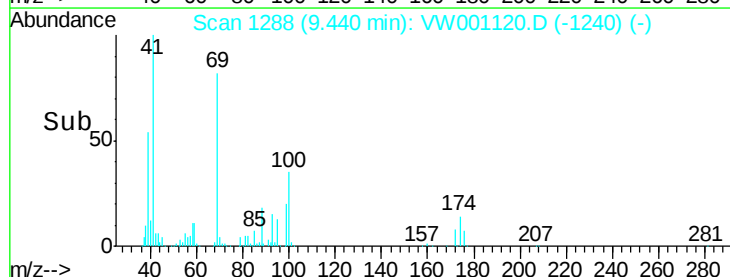
39 59.2 47.6 71.4

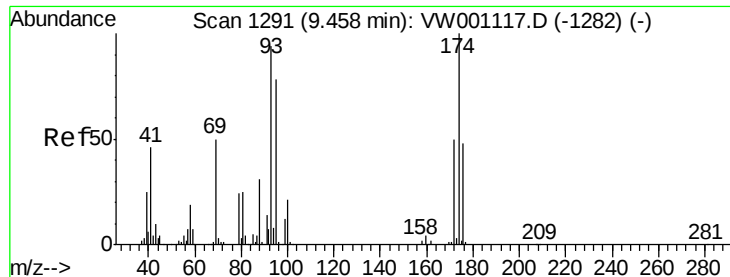


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 945.70 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

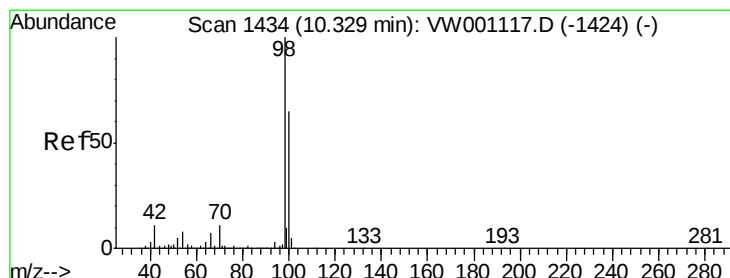
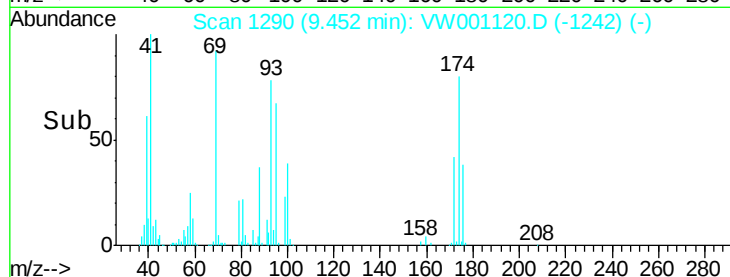
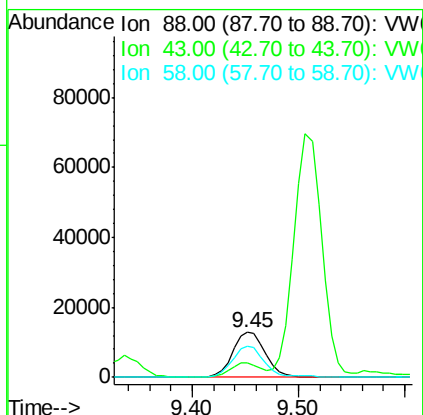
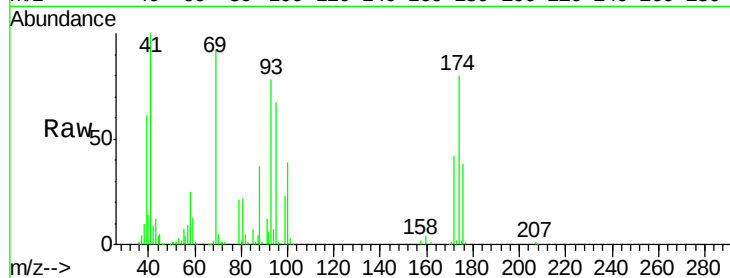
Tgt Ion: 88 Resp: 27647

Ion Ratio Lower Upper

88 100

43 30.5 23.0 34.6

58 68.9 53.9 80.9



#50

Toluene-d8

Concen: 52.06 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW001120.D

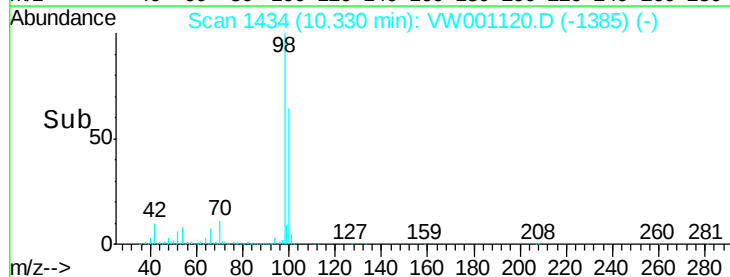
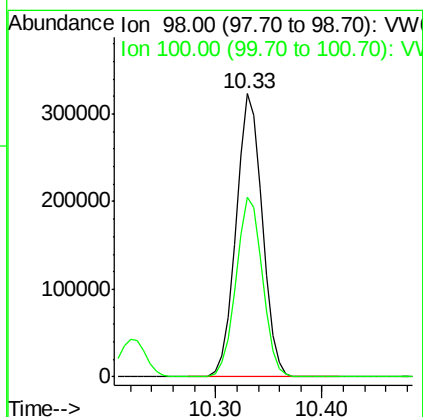
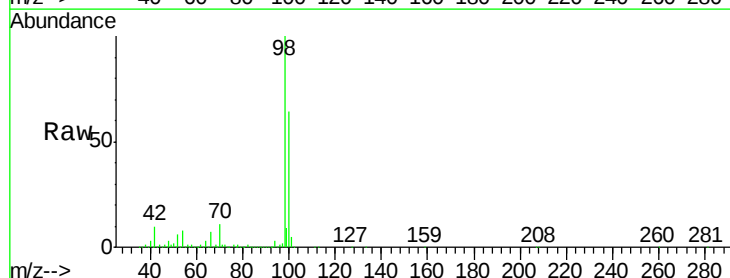
Acq: 29 Jan 2018 15:04

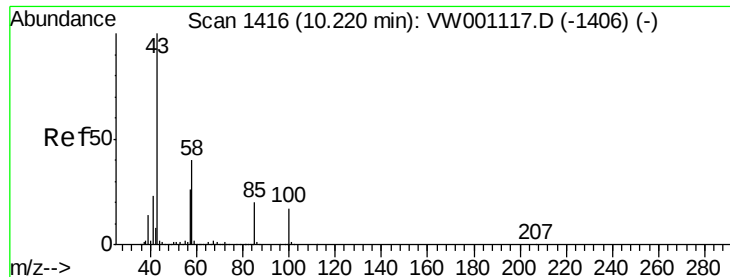
Tgt Ion: 98 Resp: 558656

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 230.30 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

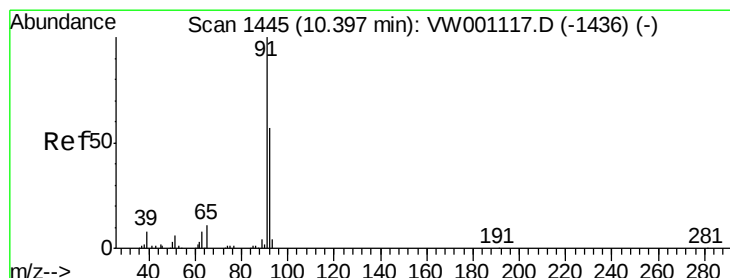
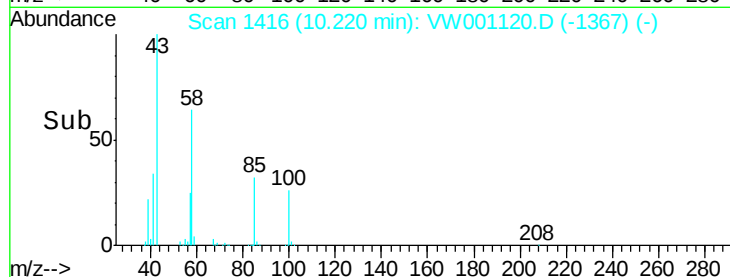
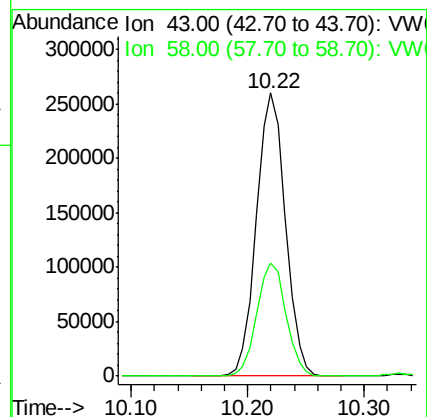
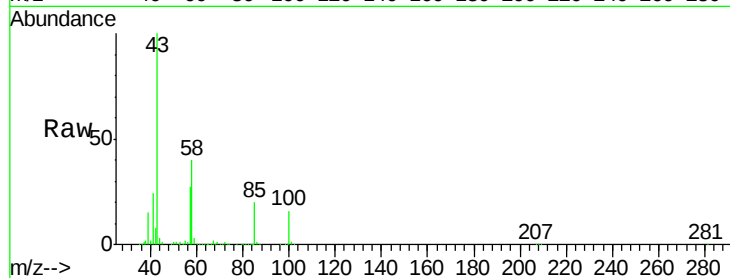
ICVW012918

Tgt Ion: 43 Resp: 450349

Ion Ratio Lower Upper

43 100

58 40.4 32.1 48.1



#52

Toluene

Concen: 49.14 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW001120.D

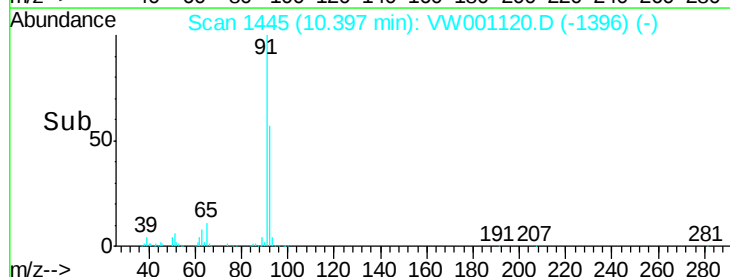
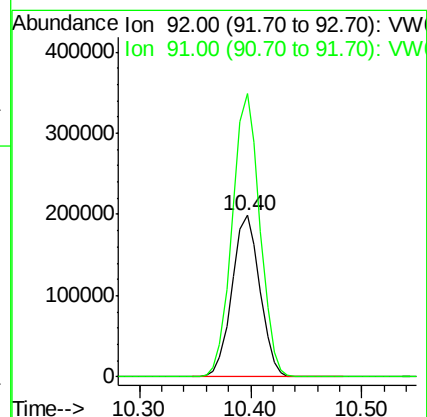
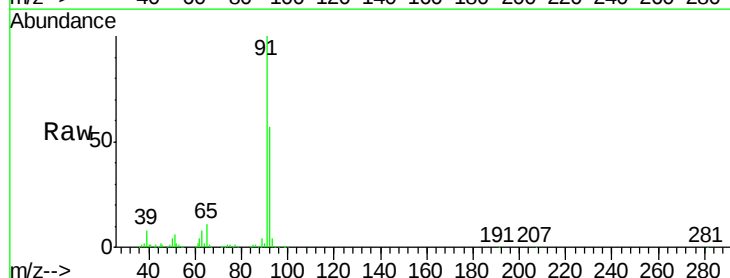
Acq: 29 Jan 2018 15:04

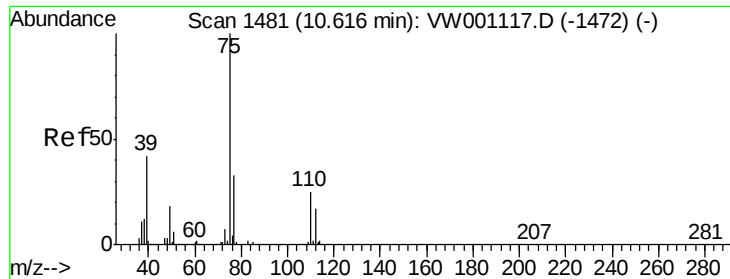
Tgt Ion: 92 Resp: 343750

Ion Ratio Lower Upper

92 100

91 174.1 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 47.82 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

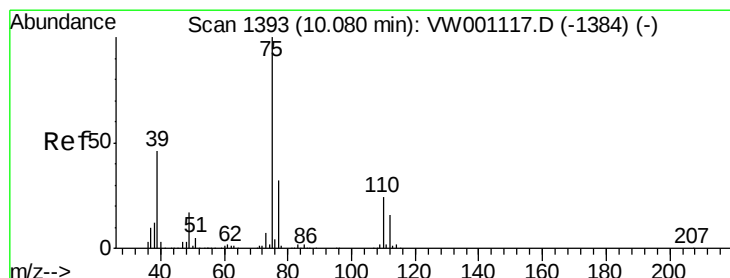
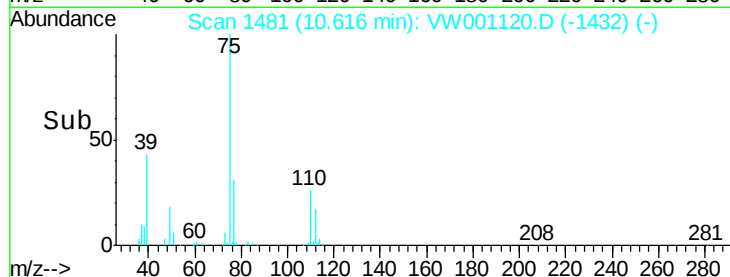
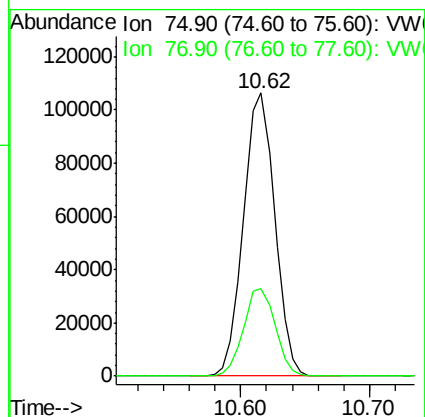
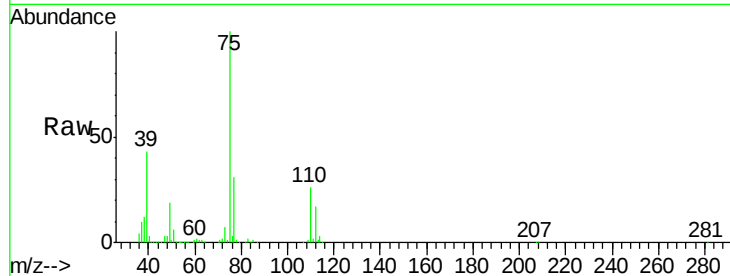
ICVW012918

Tgt Ion: 75 Resp: 179097

Ion Ratio Lower Upper

75 100

77 30.8 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 47.49 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

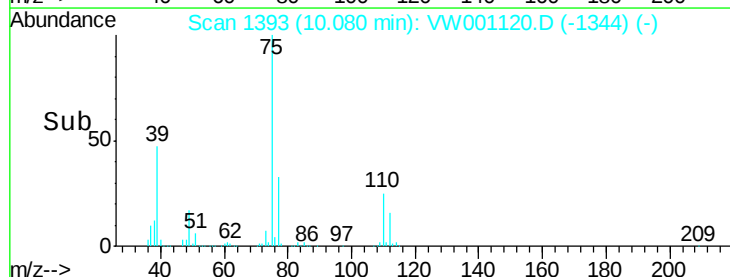
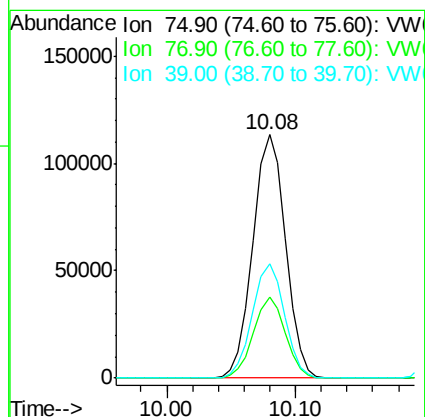
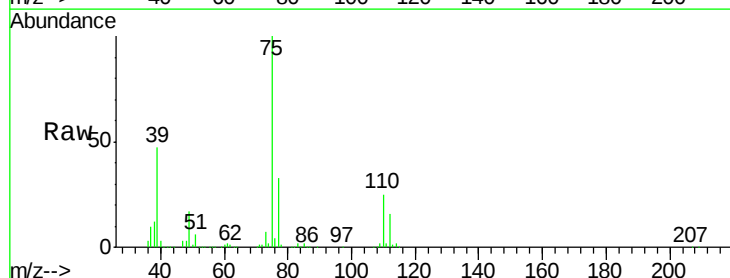
Tgt Ion: 75 Resp: 198547

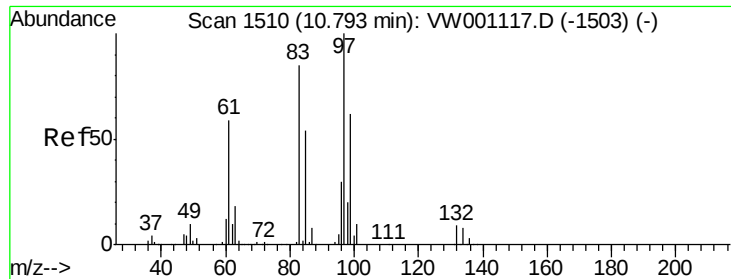
Ion Ratio Lower Upper

75 100

77 33.2 25.5 38.3

39 46.6 37.0 55.4

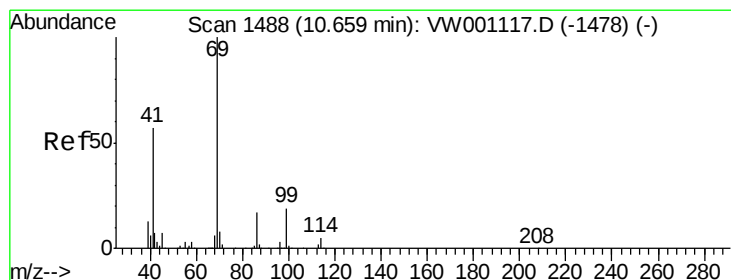
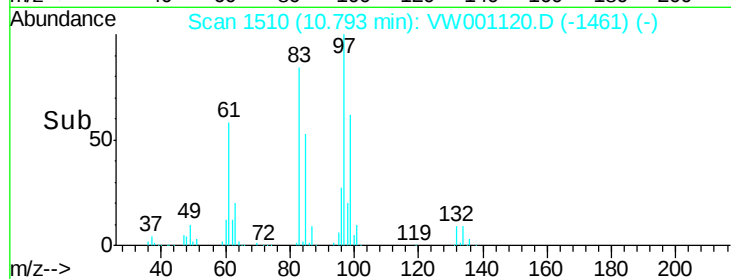
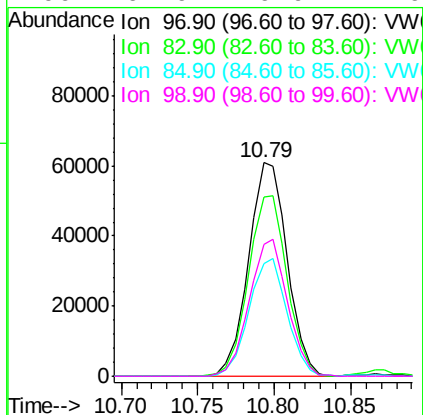
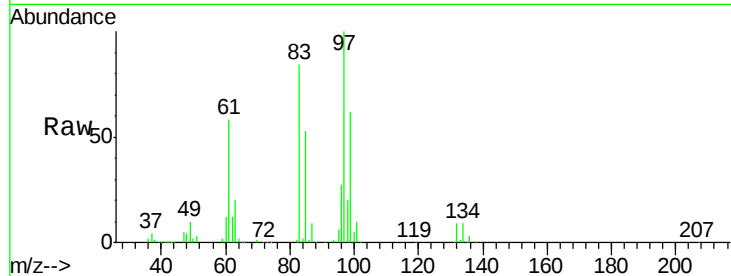




#55
 1,1,2-Trichloroethane
 Concen: 45.73 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

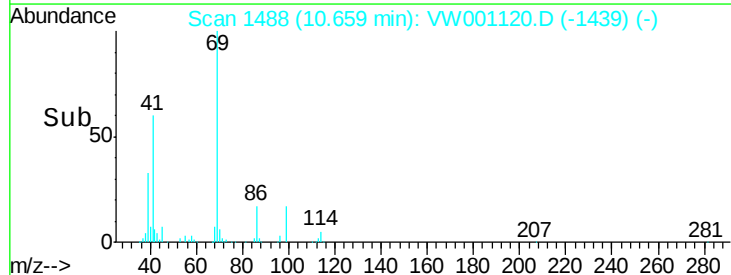
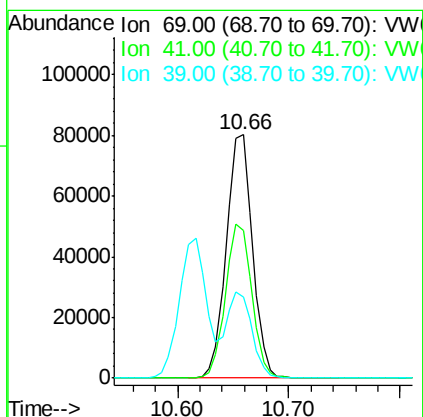
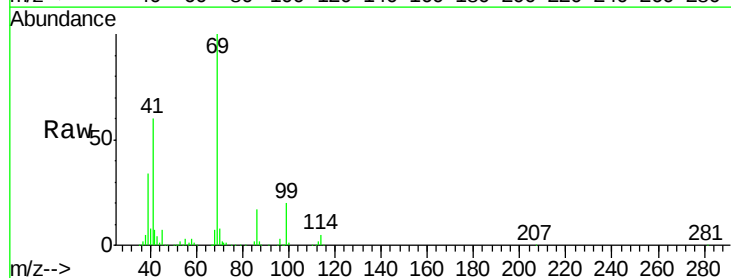
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

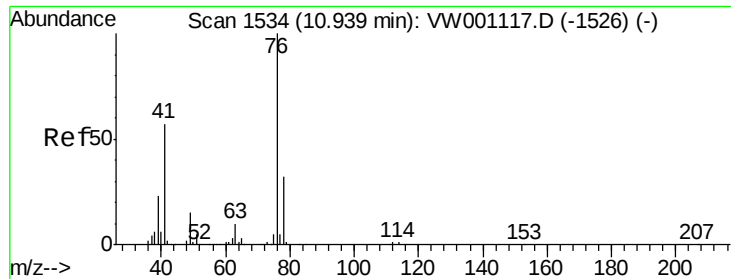
Tgt Ion	Resp	Lower	Upper
97	106953		
83	84.2	67.7	101.5
85	52.5	43.0	64.6
99	61.9	49.9	74.9



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

Tgt Ion	Resp	Lower	Upper
69	130620		
41	63.8	50.6	75.8
39	34.7	27.5	41.3

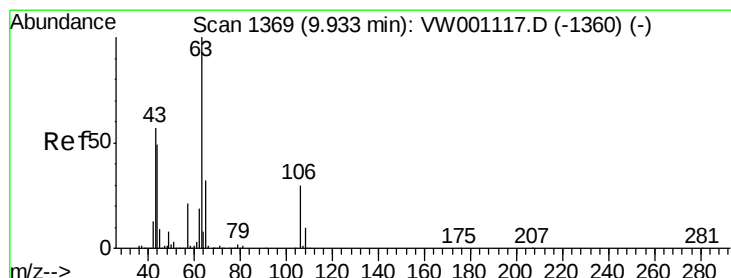
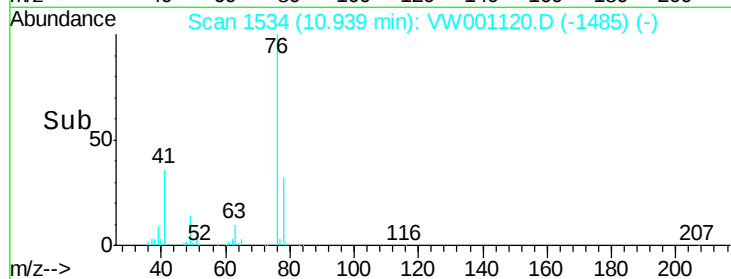
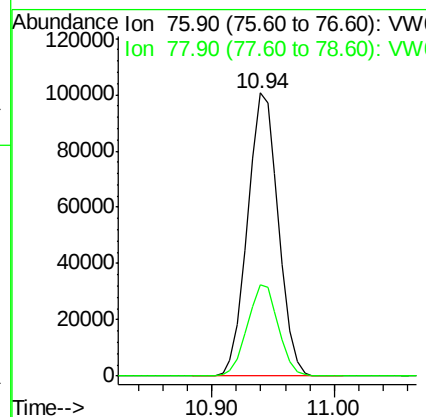
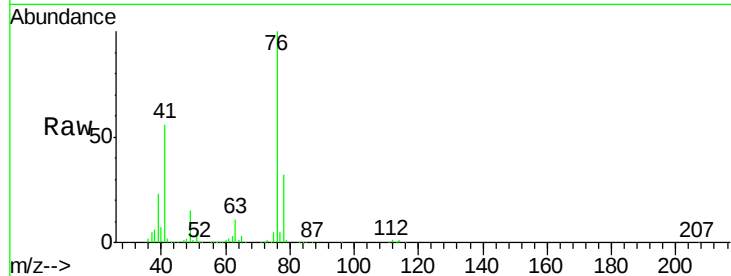




#57
 1,3-Dichloropropane
 Concen: 46.19 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

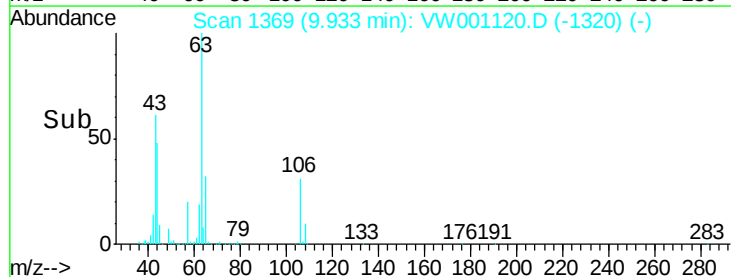
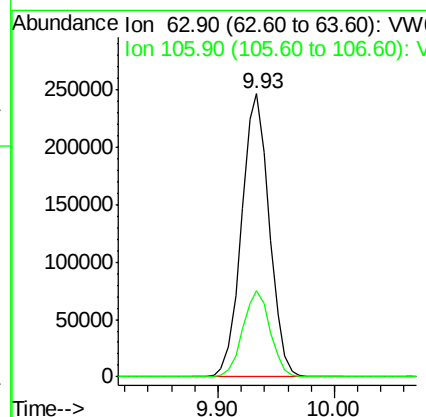
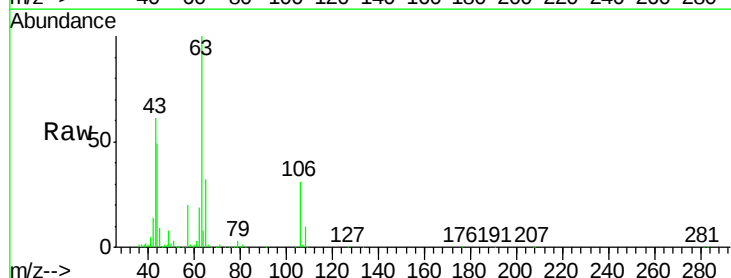
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

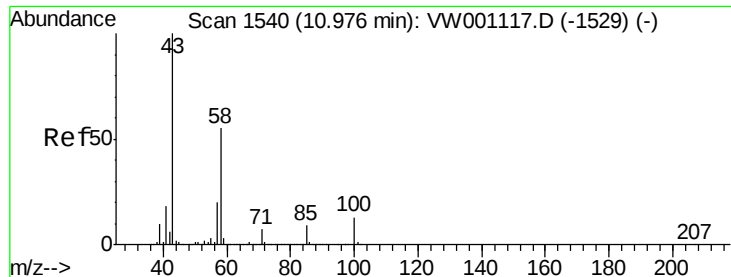
Tgt Ion: 76 Resp: 175644
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 226.83 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Tgt Ion: 63 Resp: 409021
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.2 36.4

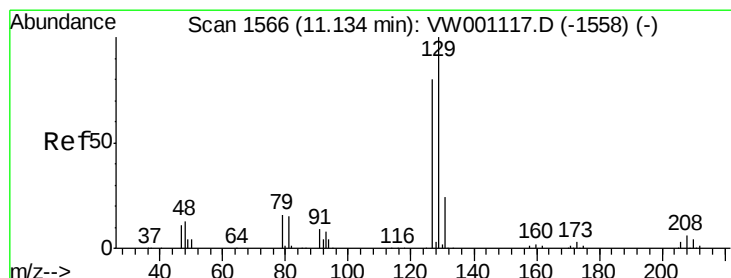
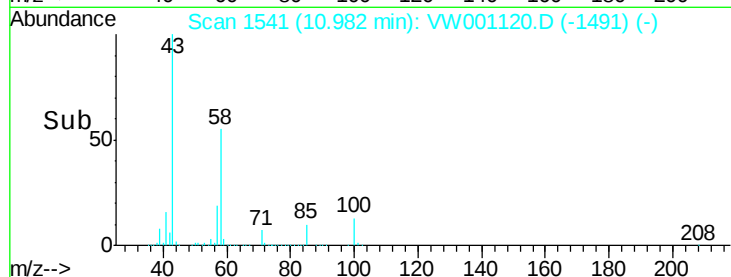
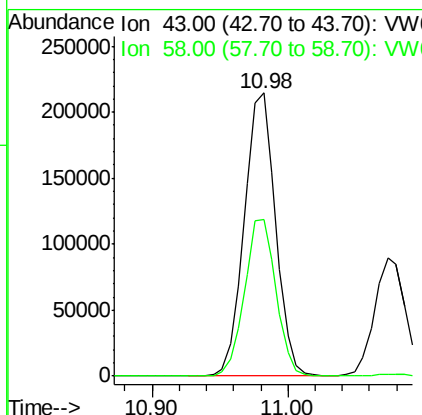
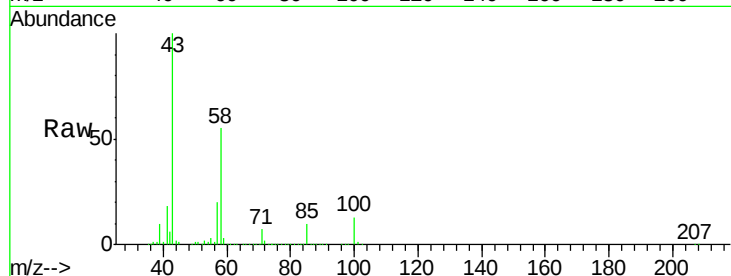




#59
2-Hexanone
Concen: 233.74 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

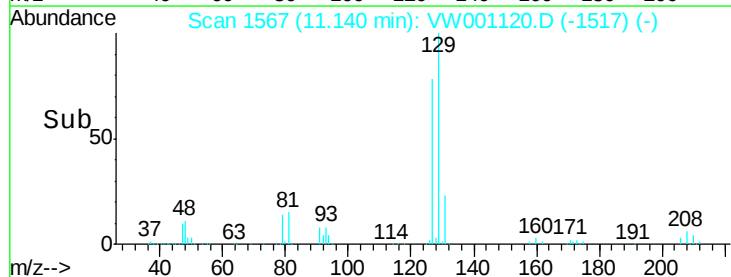
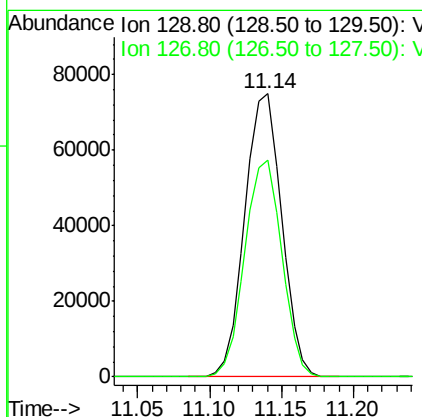
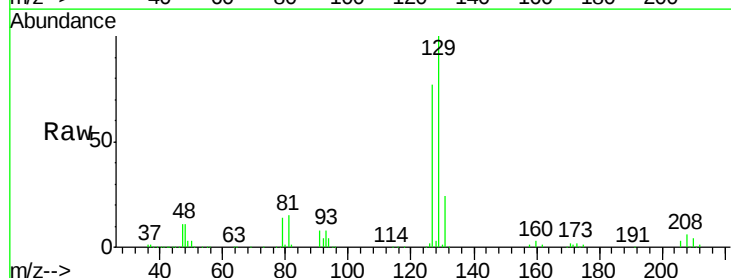
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

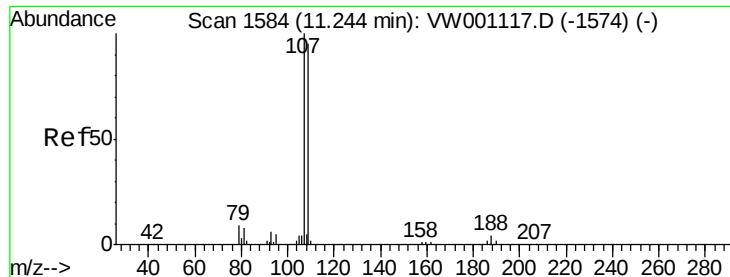
Tgt Ion: 43 Resp: 345806
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.0



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

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

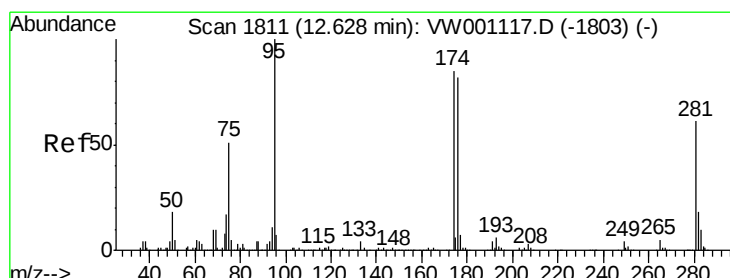
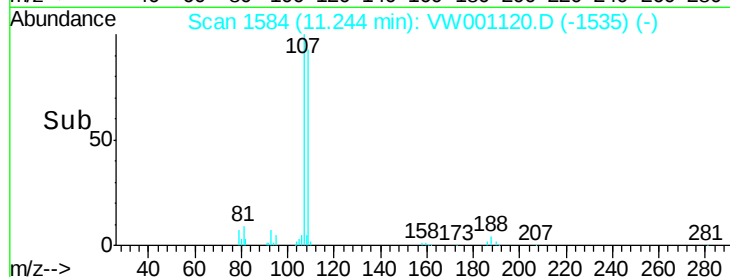
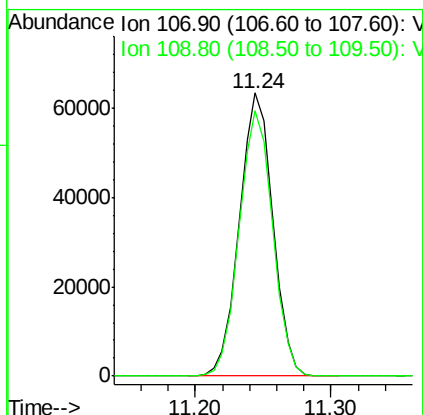
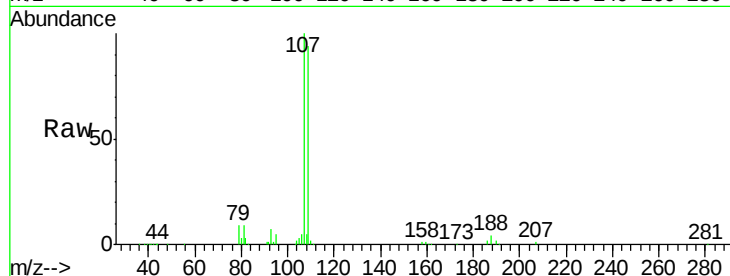




#61
 1,2-Dibromoethane
 Concen: 46.14 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

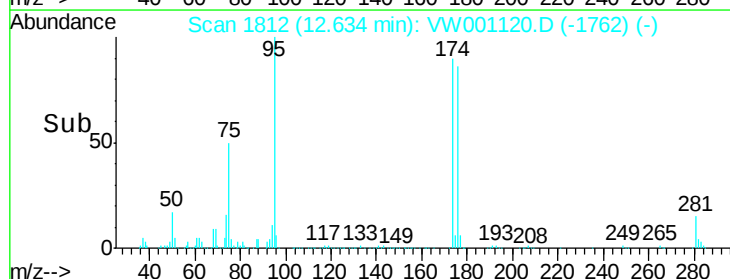
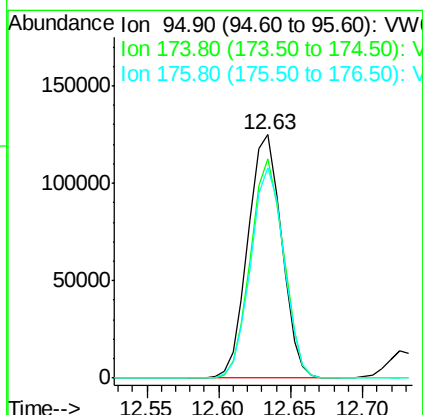
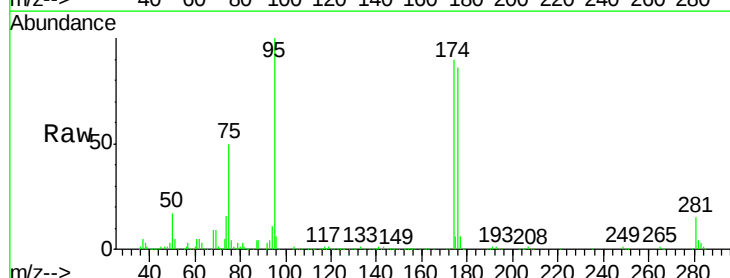
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

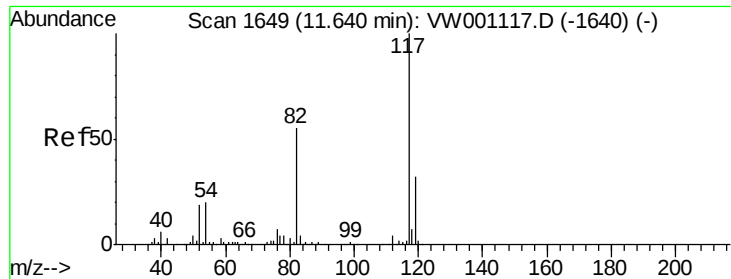
Tgt Ion: 107 Resp: 108814
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8



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

Tgt Ion: 95 Resp: 203017
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 179.6
 176 85.0 0.0 174.4

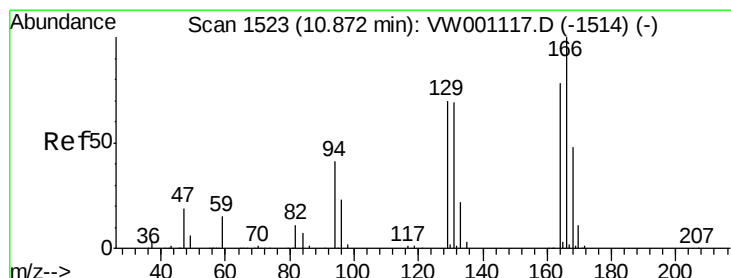
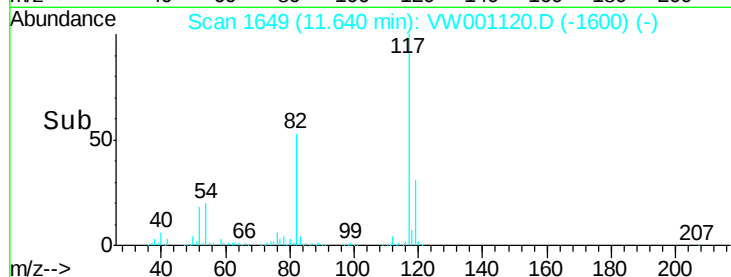
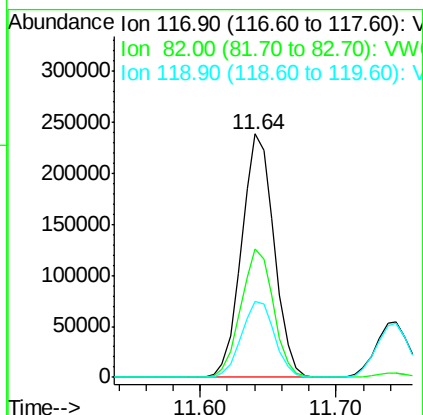
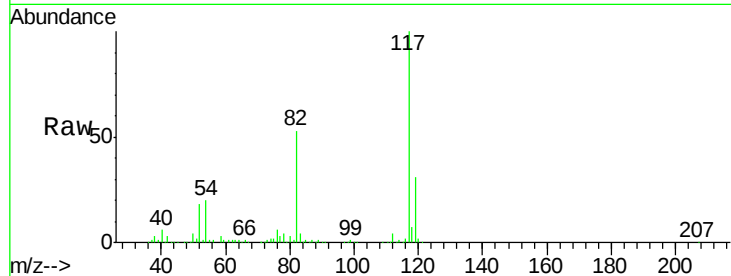




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

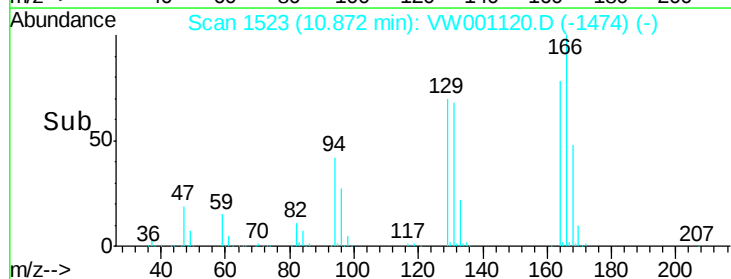
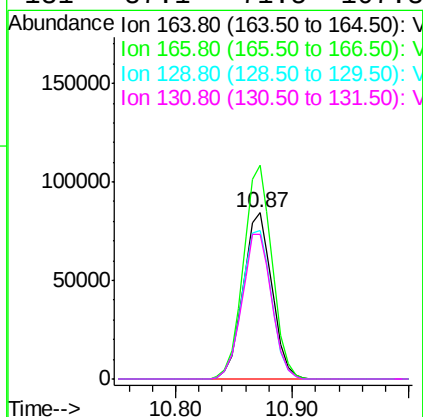
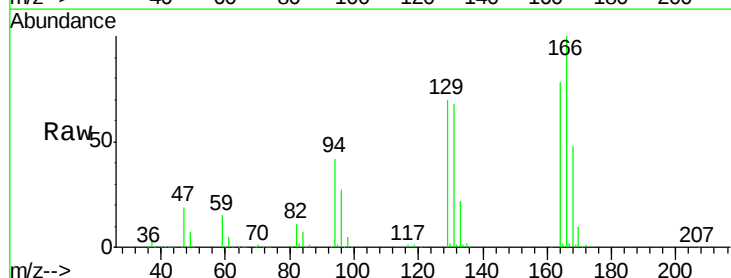
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

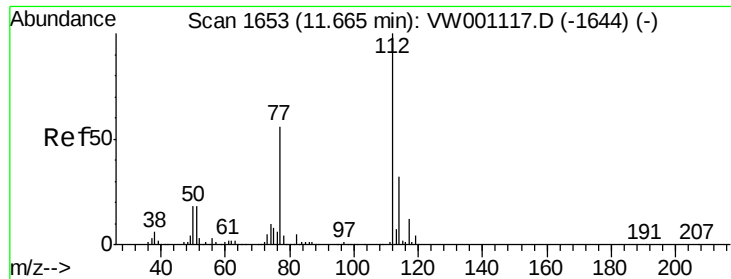
Tgt Ion:117 Resp: 396976
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.8
119 31.1 25.8 38.8



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

Tgt Ion:164 Resp: 145406
Ion Ratio Lower Upper
164 100
166 128.5 103.1 154.7
129 89.4 72.3 108.5
131 87.1 71.5 107.3





#65

Chlorobenzene

Concen: 48.55 ug/l

RT: 11.67 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

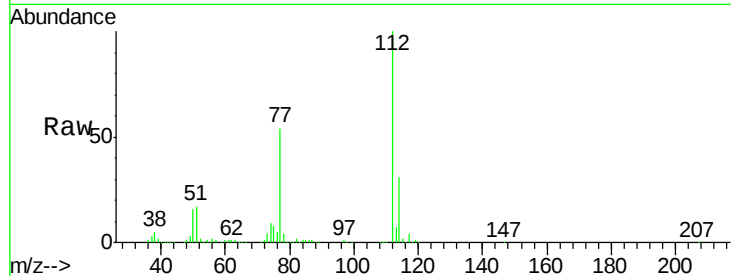
ICVW012918

Tgt Ion:112 Resp: 388727

Ion Ratio Lower Upper

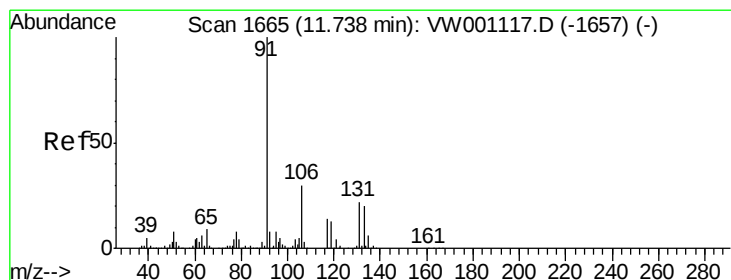
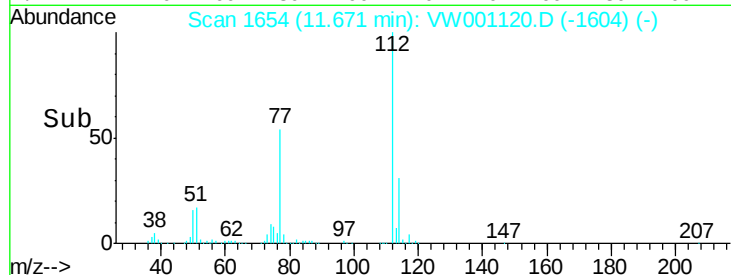
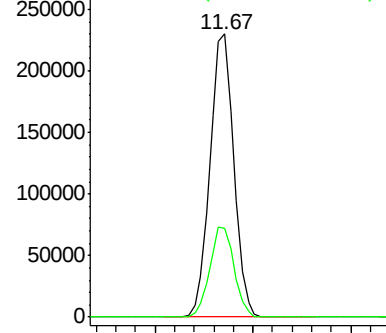
112 100

114 31.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.98 ug/l

RT: 11.74 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

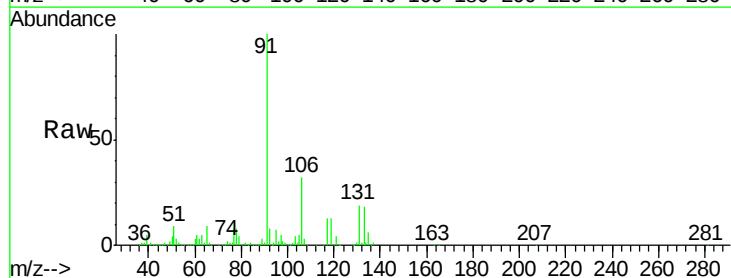
Tgt Ion:131 Resp: 140289

Ion Ratio Lower Upper

131 100

133 95.1 47.3 141.8

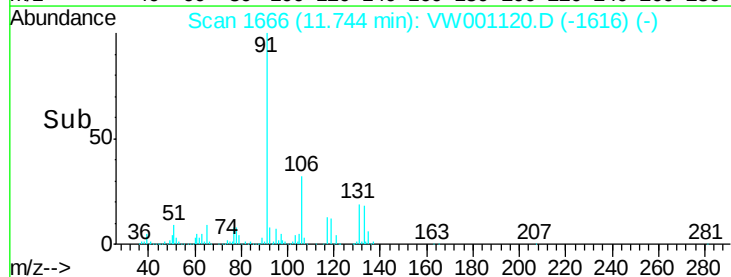
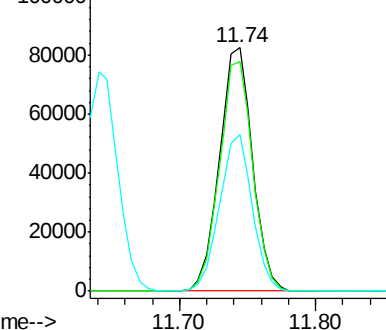
119 63.6 31.5 94.5

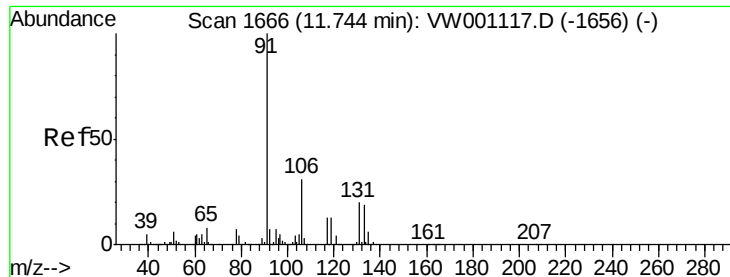


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

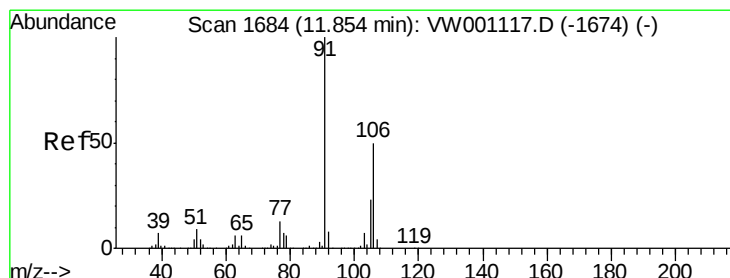
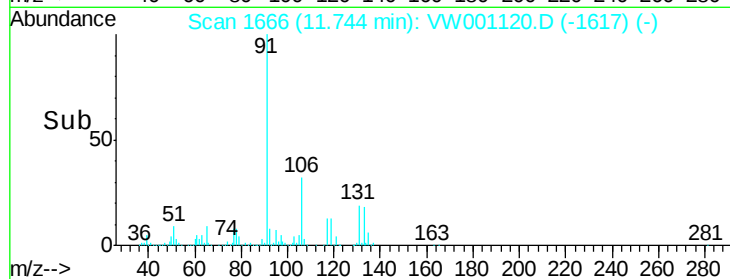
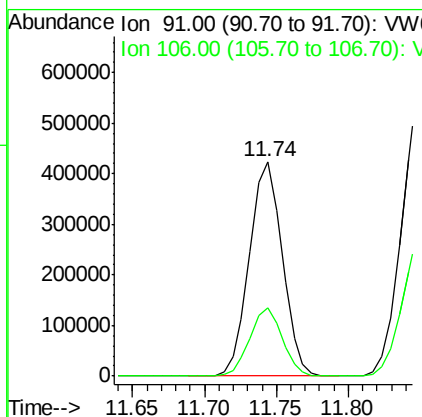
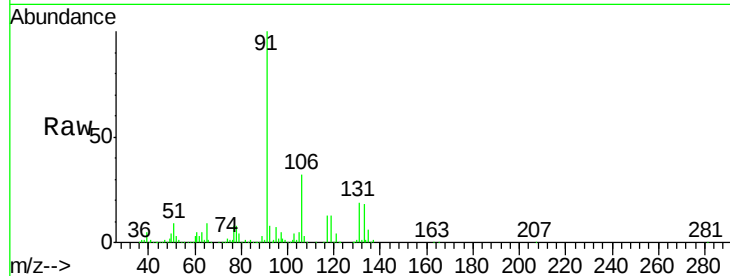




#67
Ethyl Benzene
Concen: 50.21 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

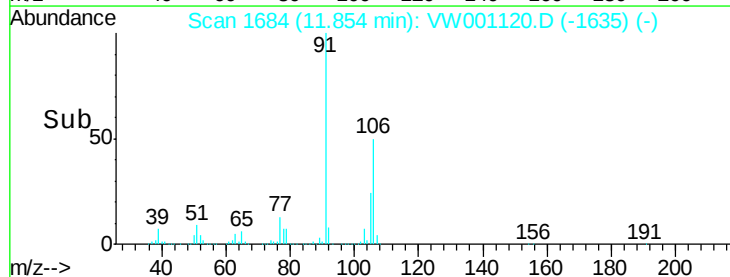
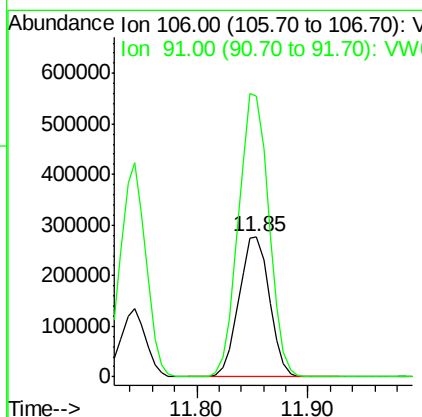
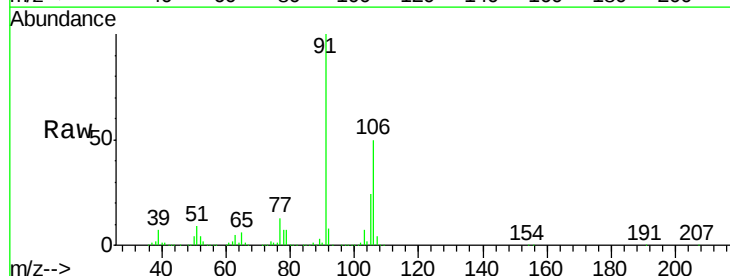
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

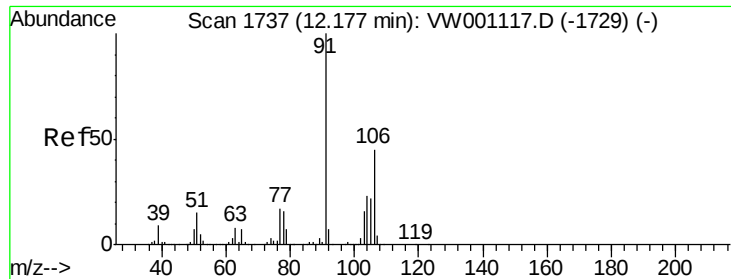
Tgt Ion: 91 Resp: 671165
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



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

Tgt Ion: 106 Resp: 527552
Ion Ratio Lower Upper
106 100
91 201.3 163.1 244.7

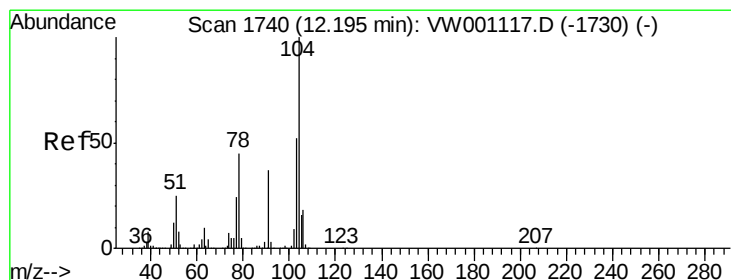
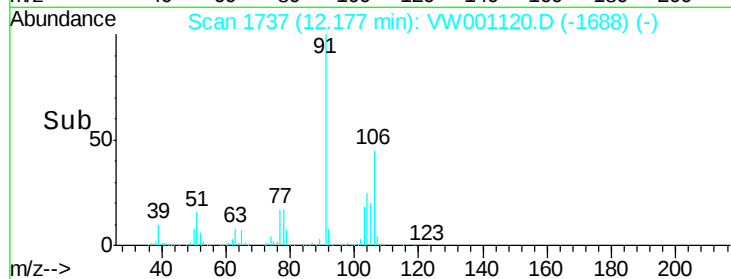
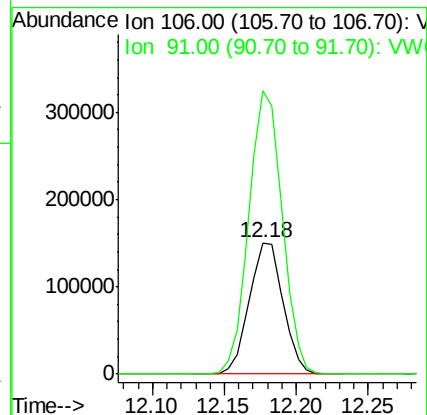
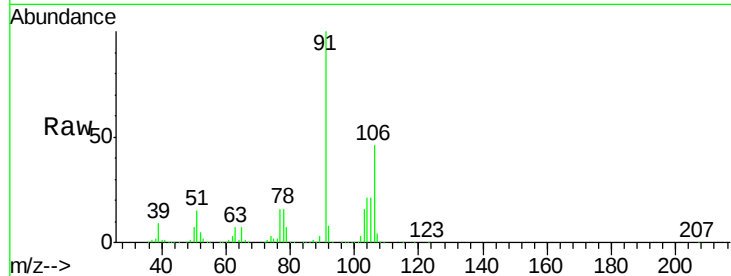




#69
o-Xylene
Concen: 50.72 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

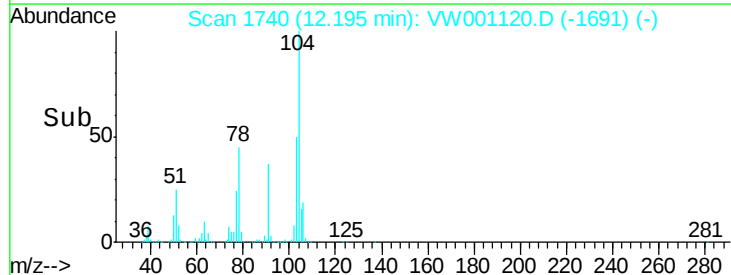
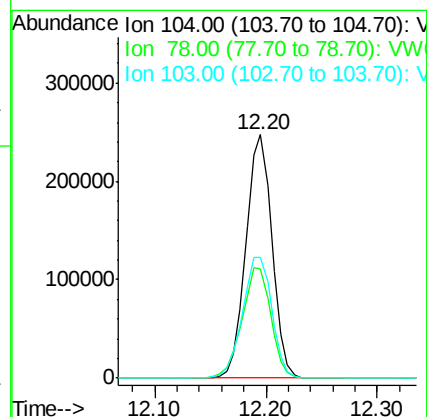
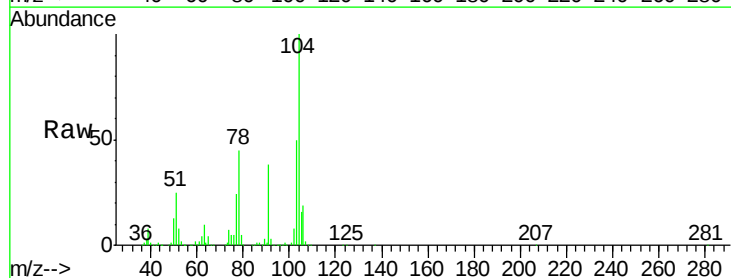
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

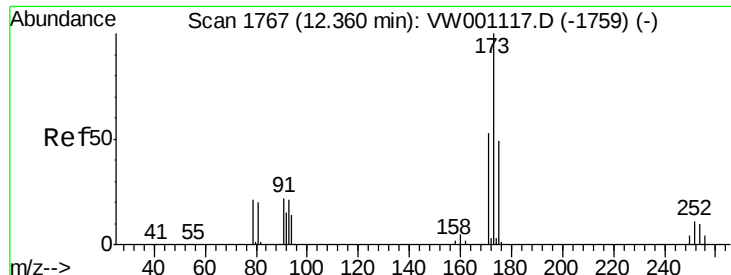
Tgt Ion:106 Resp: 243555
Ion Ratio Lower Upper
106 100
91 213.5 107.6 322.8



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

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

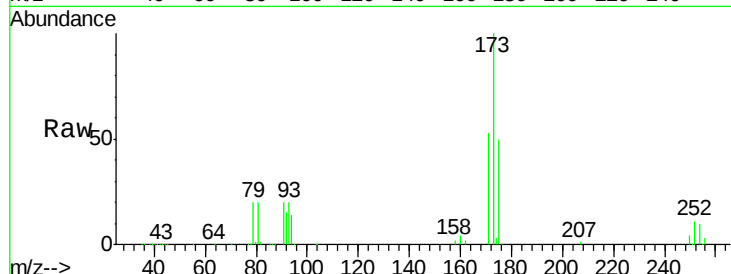




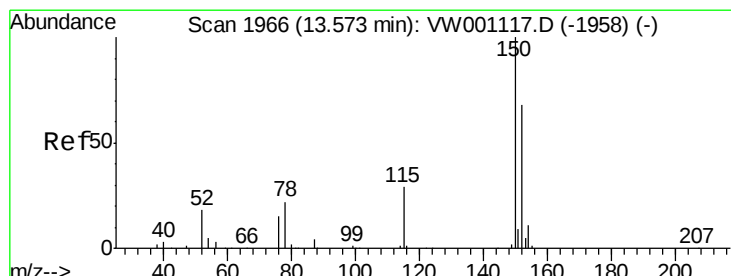
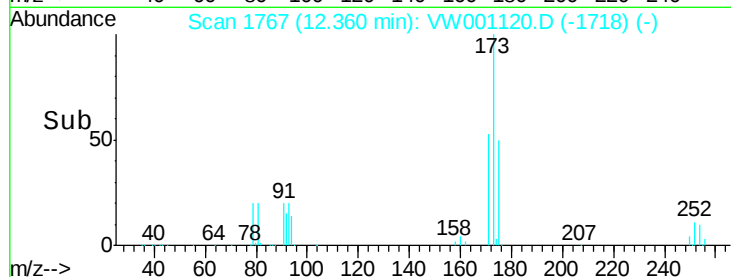
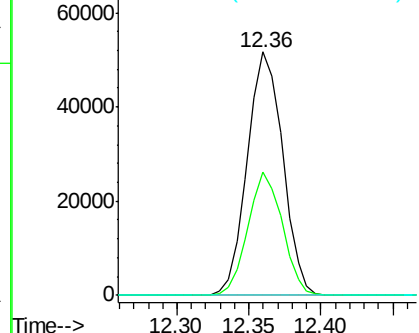
#71
Bromoform
Concen: 46.64 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tgt Ion:173 Resp: 88113
Ion Ratio Lower Upper
173 100
175 48.8 24.9 74.6
254 0.1 0.1 0.1

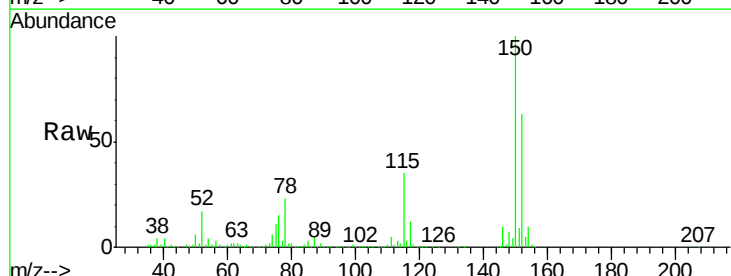


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

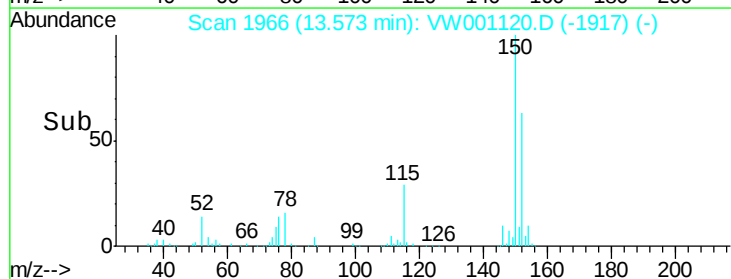
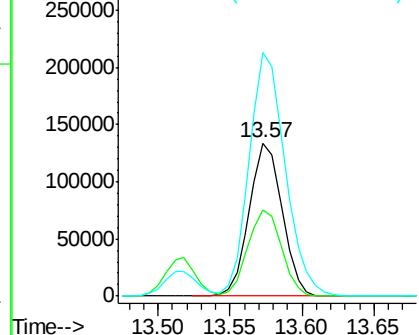


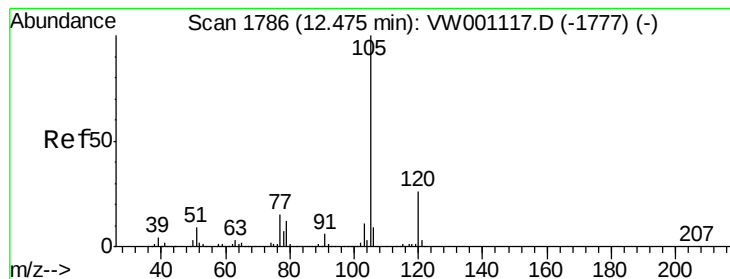
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Tgt Ion:152 Resp: 211255
Ion Ratio Lower Upper
152 100
115 57.3 28.4 85.3
150 173.9 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.46 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

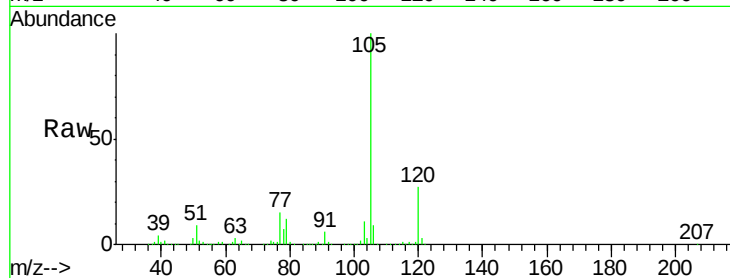
ICVW012918

Tgt Ion: 105 Resp: 694155

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

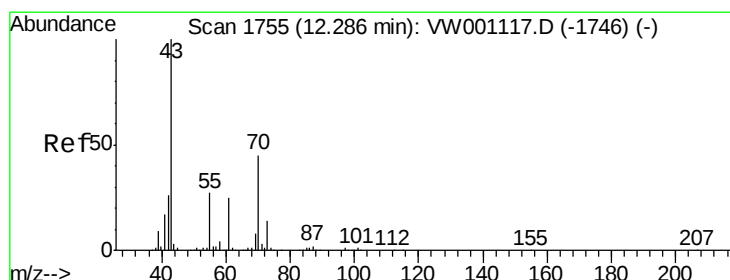
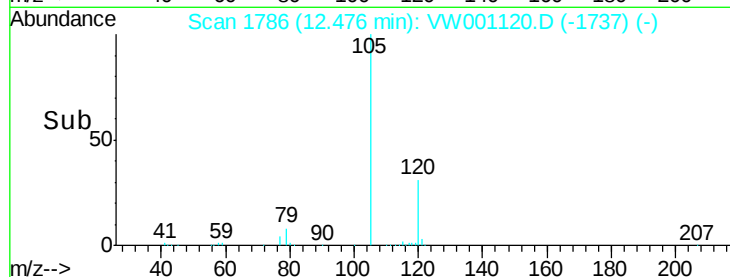
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 49.65 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Tgt Ion: 43 Resp: 150051

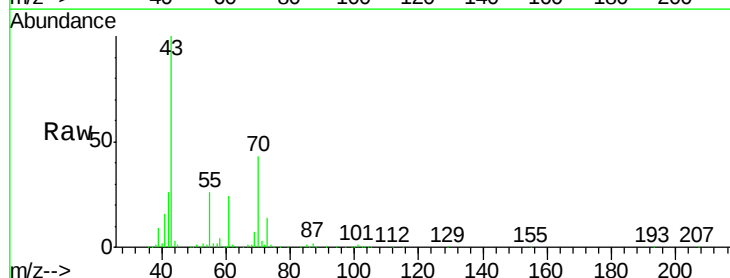
Ion Ratio Lower Upper

43 100

70 44.0 36.0 54.0

55 26.8 21.7 32.5

61 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

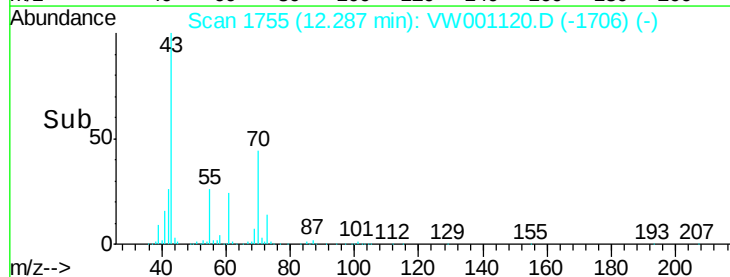
150000

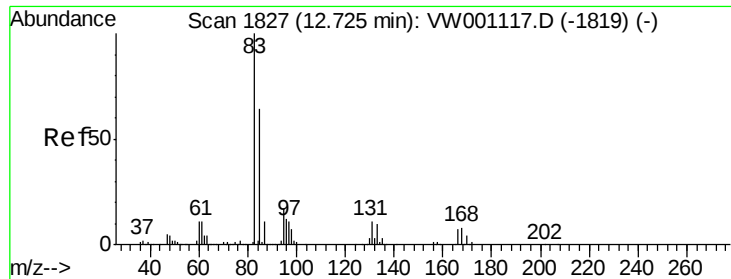
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.40 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

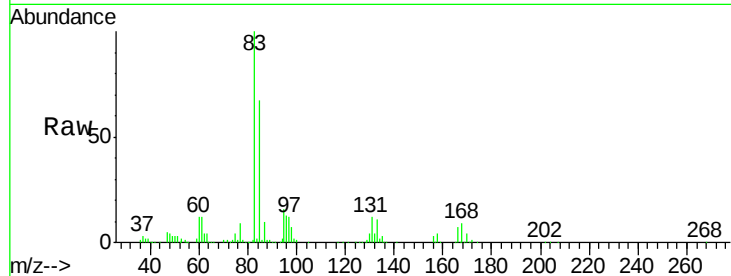
Tgt Ion: 83 Resp: 128290

Ion Ratio Lower Upper

83 100

131 12.2 5.8 17.4

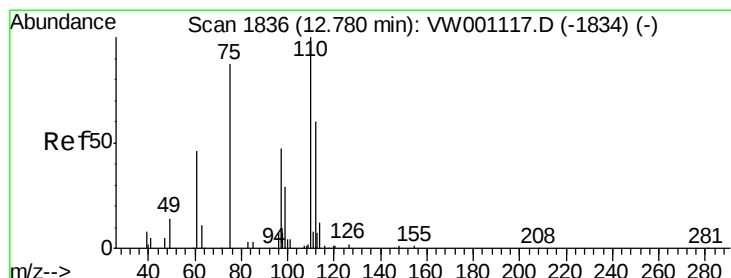
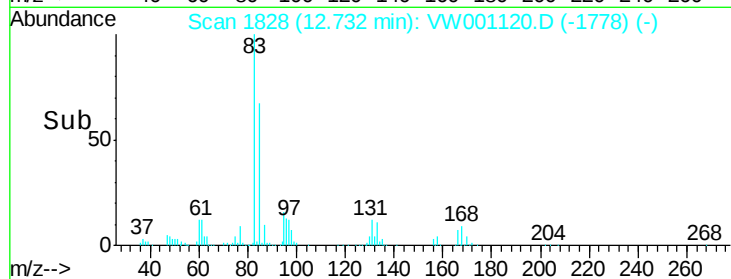
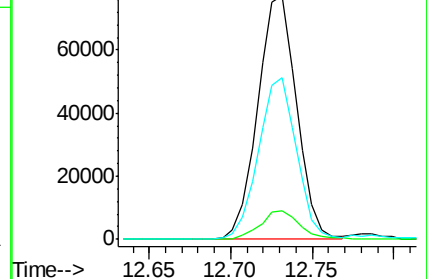
85 64.8 32.3 96.9



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: 82.14 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VW001120.D

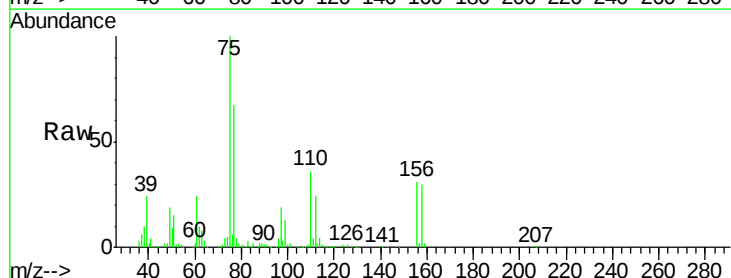
Acq: 29 Jan 2018 15:04

Tgt Ion: 75 Resp: 175874

Ion Ratio Lower Upper

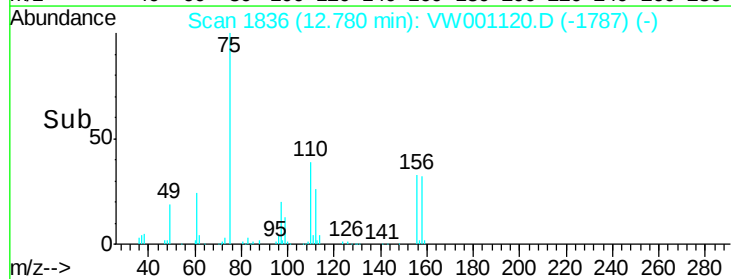
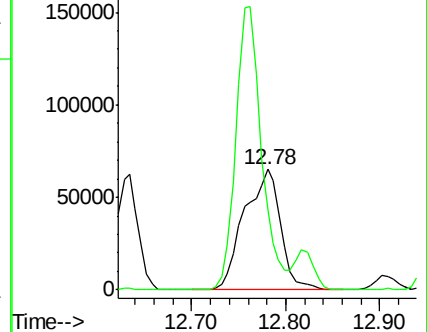
75 100

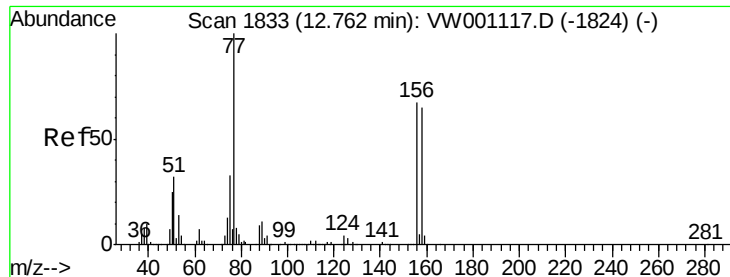
77 166.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.25 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

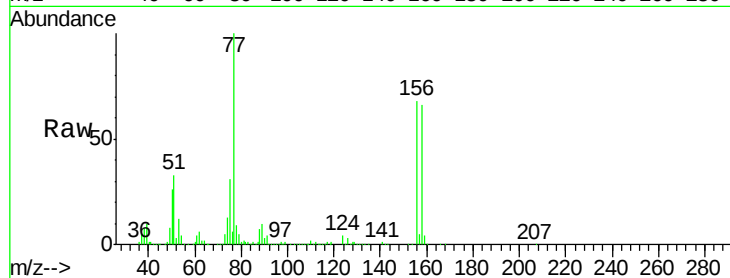
Tgt Ion:156 Resp: 169193

Ion Ratio Lower Upper

156 100

77 173.1 85.3 255.8

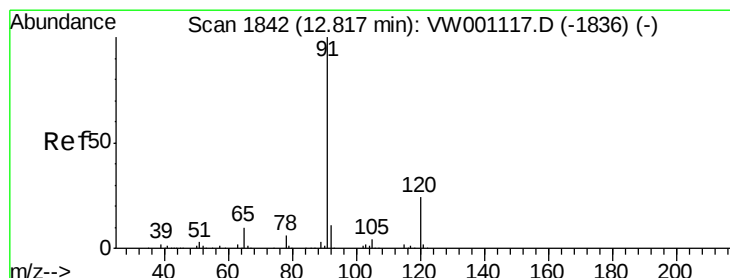
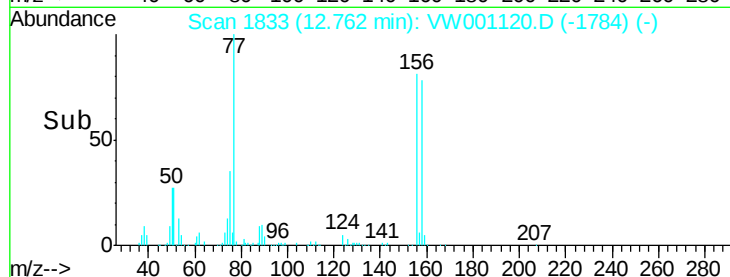
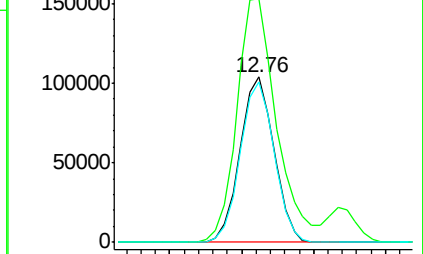
158 97.0 48.9 146.7



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: 51.97 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW001120.D

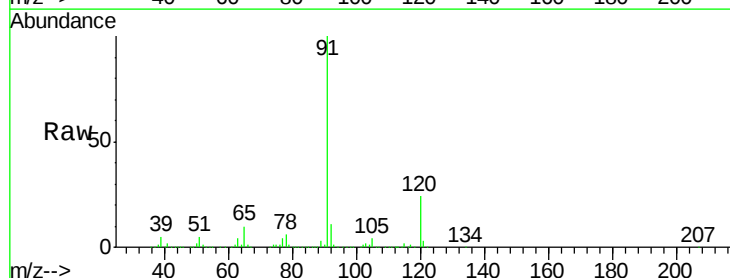
Acq: 29 Jan 2018 15:04

Tgt Ion: 91 Resp: 823278

Ion Ratio Lower Upper

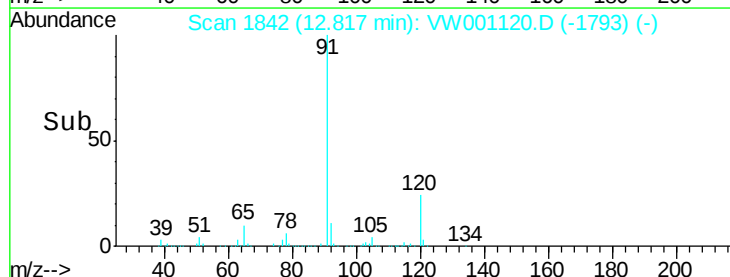
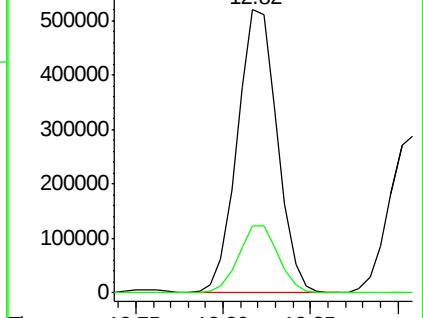
91 100

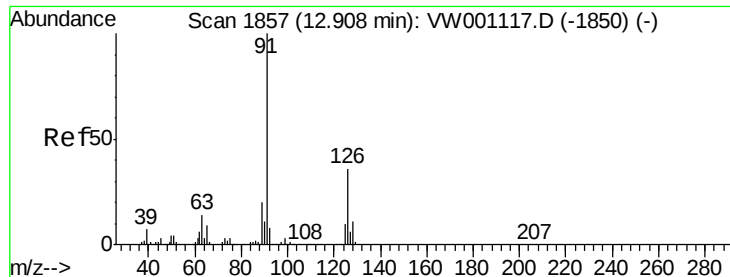
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.99 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

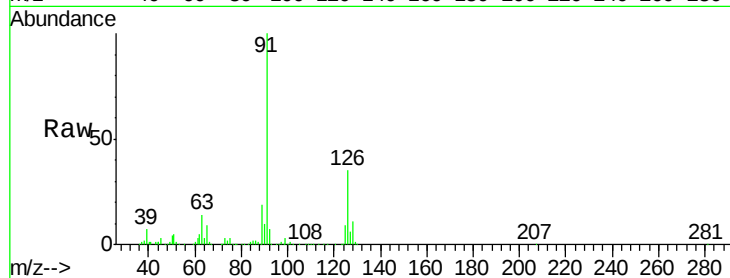
ICVW012918

Tgt Ion: 91 Resp: 462265

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.6

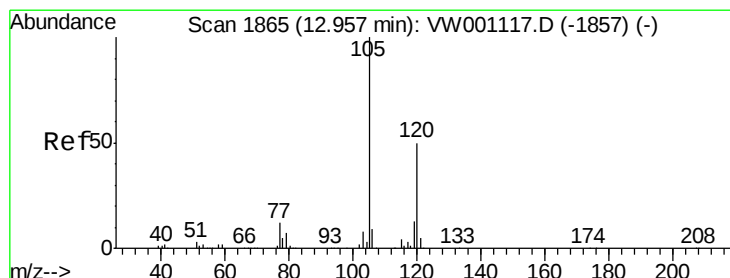
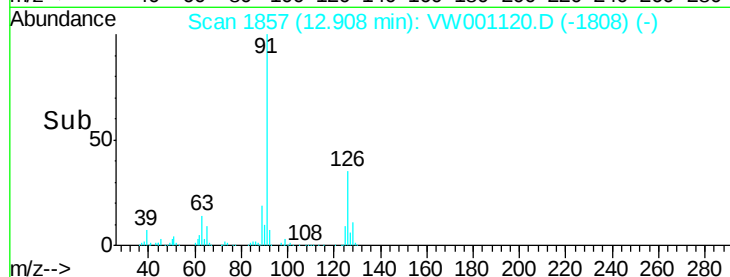


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.91

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.77 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW001120.D

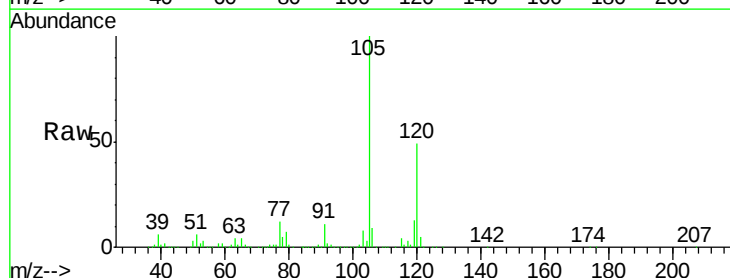
Acq: 29 Jan 2018 15:04

Tgt Ion: 105 Resp: 585894

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.7

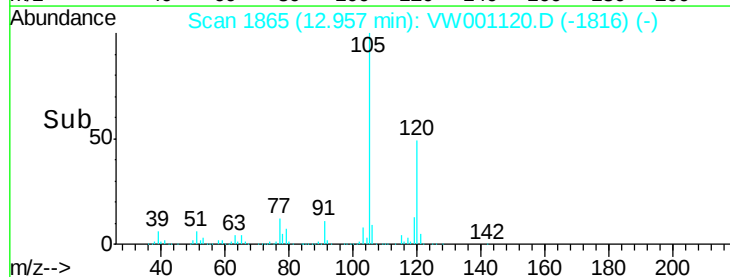


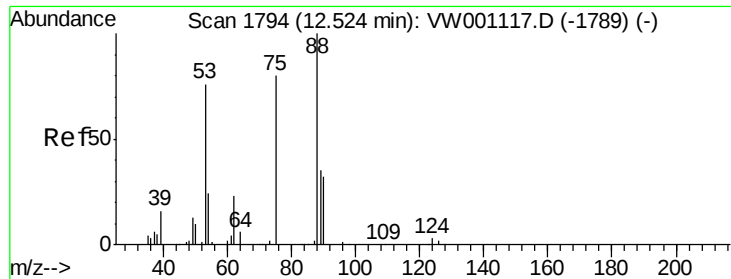
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.96

Time-->

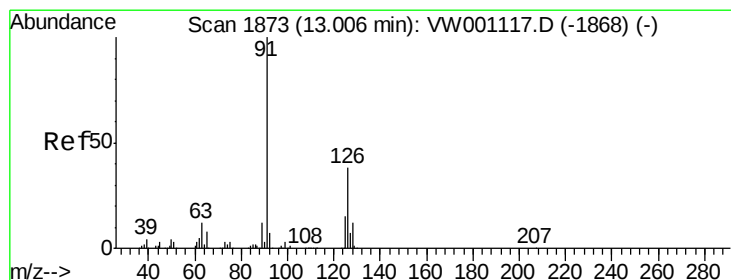
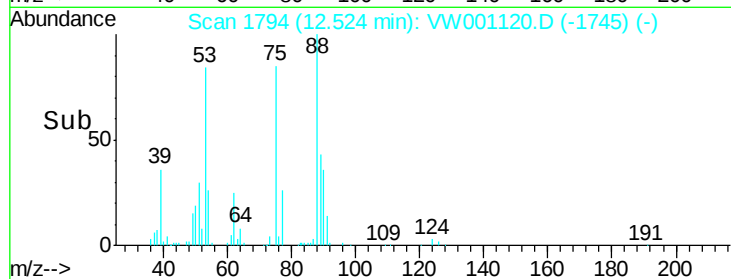
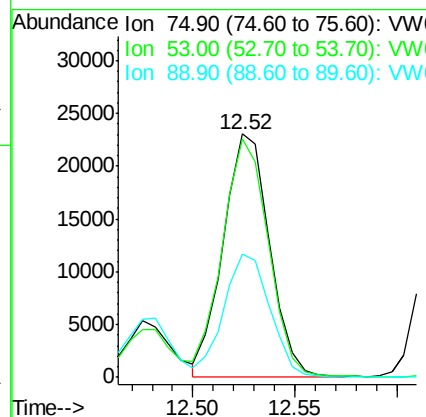
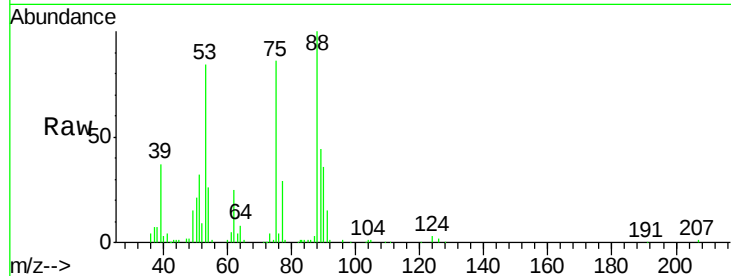




#81
trans-1,4-Dichloro-2-butene
Concen: 44.26 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

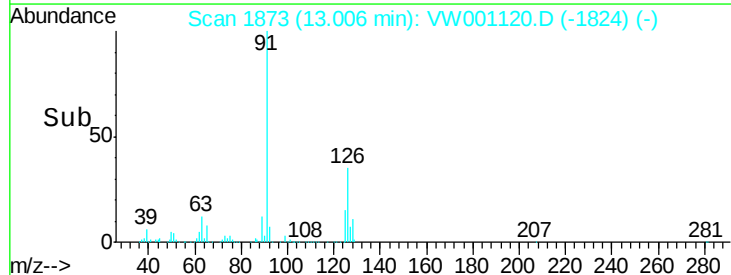
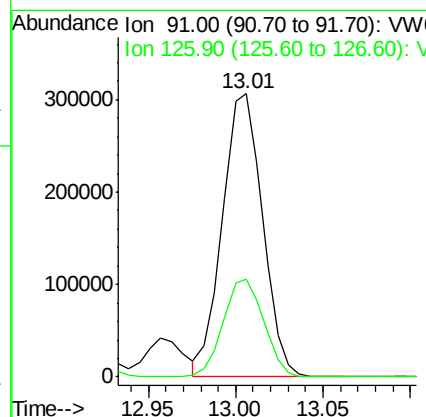
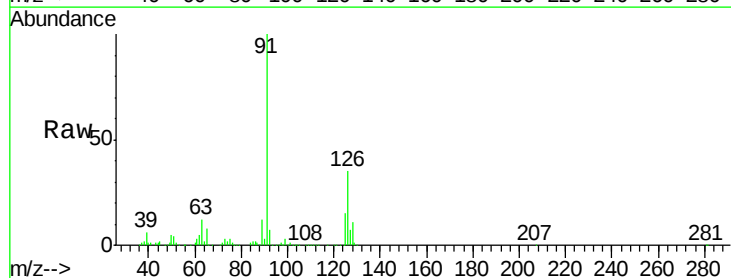
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

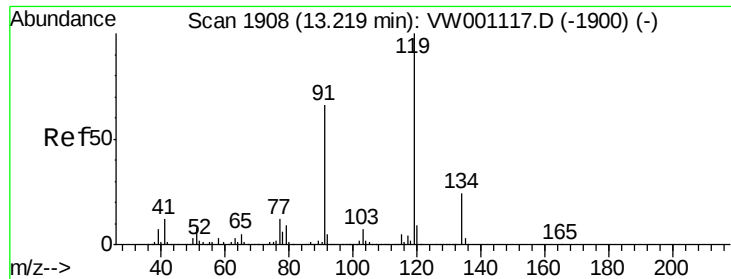
Tgt Ion: 75 Resp: 36038
Ion Ratio Lower Upper
75 100
53 98.2 75.0 112.6
89 50.7 38.2 57.4



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

Tgt Ion: 91 Resp: 488222
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.4

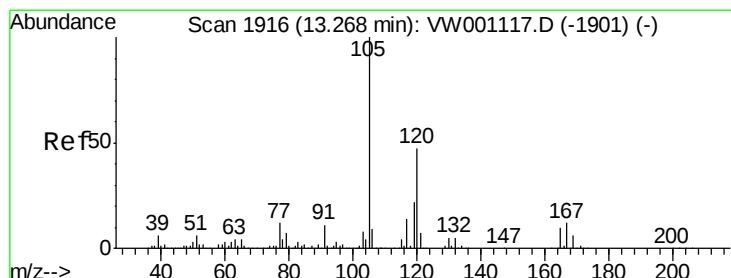
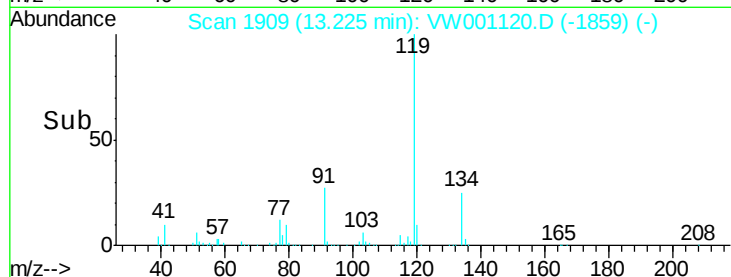
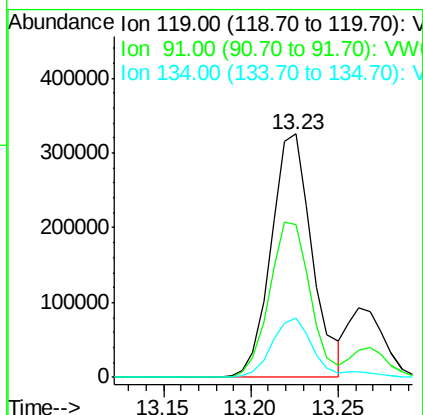
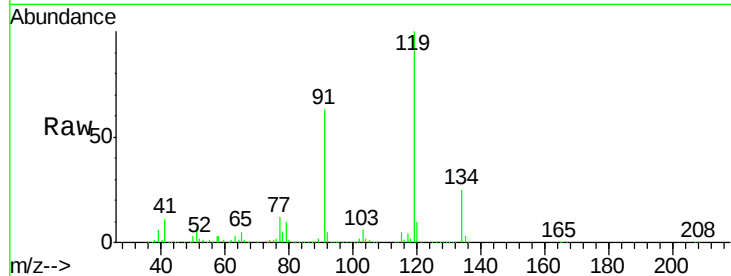




#83
tert-Butylbenzene
Concen: 53.10 ug/l
RT: 13.23 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

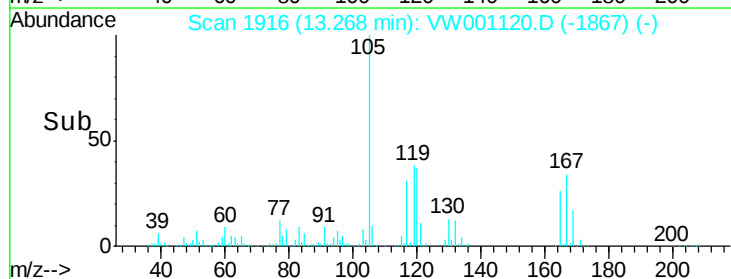
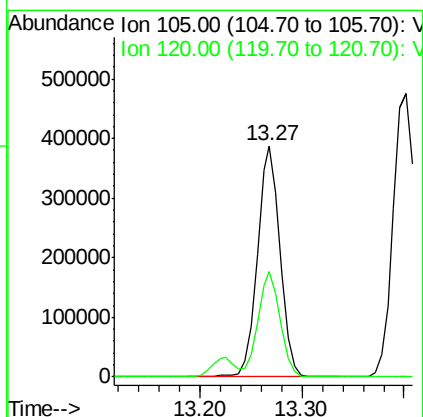
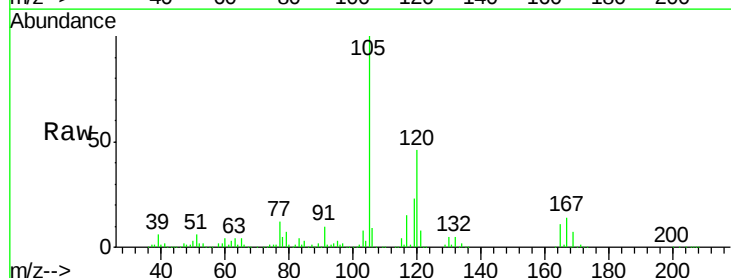
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

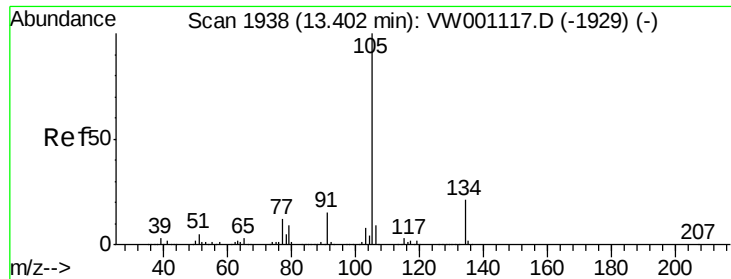
Tgt Ion:119 Resp: 530930
Ion Ratio Lower Upper
119 100
91 63.4 31.9 95.5
134 25.5 12.7 38.0



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

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

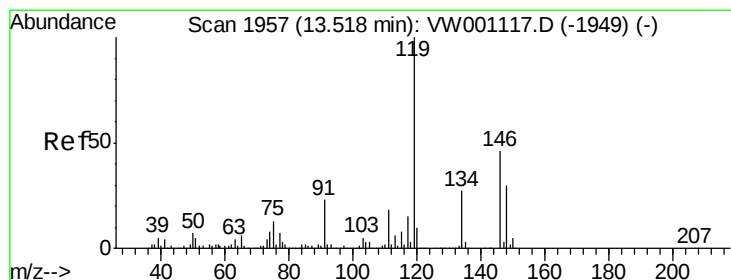
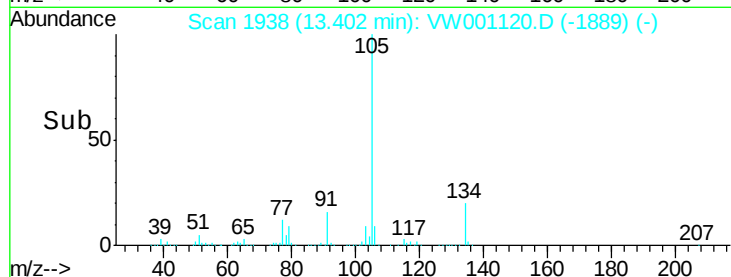
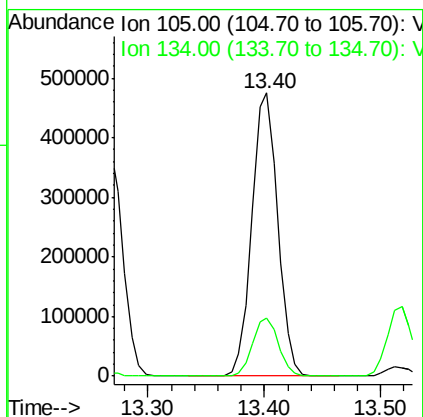
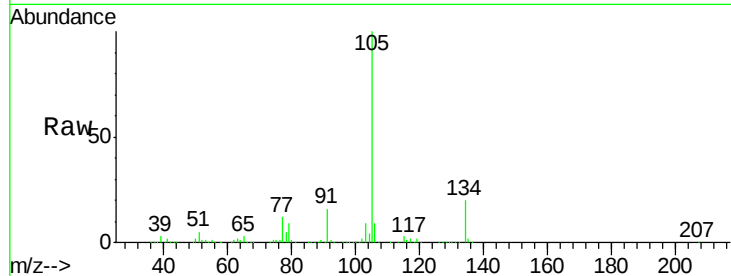




#85
 sec-Butylbenzene
 Concen: 52.20 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

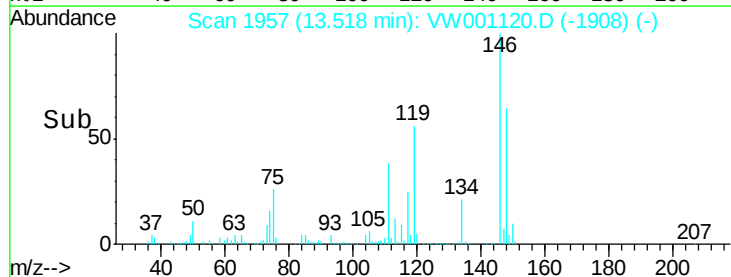
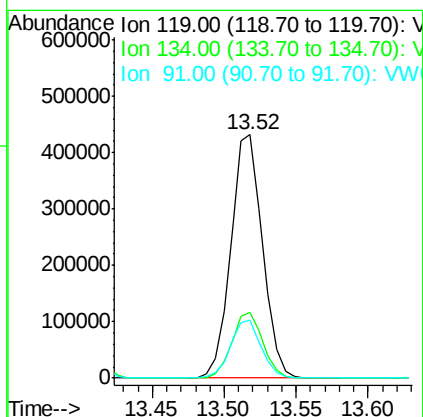
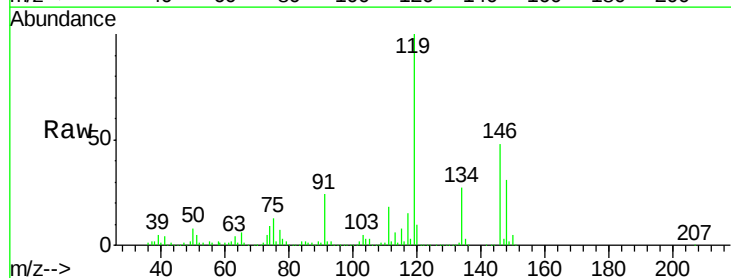
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

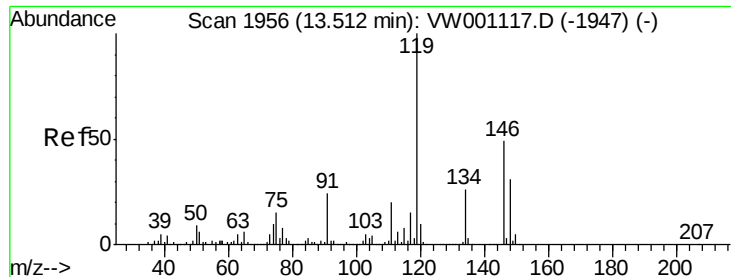
Tgt Ion:105 Resp: 738234
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



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

Tgt Ion:119 Resp: 659838
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.3 11.8 35.4

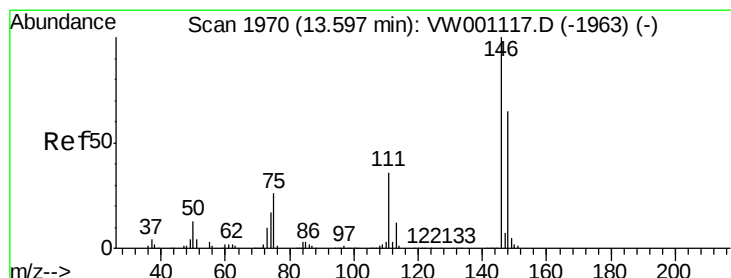
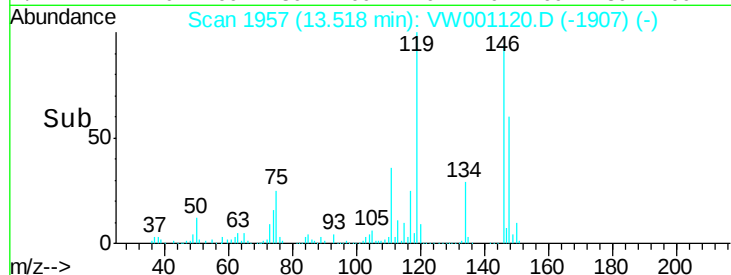
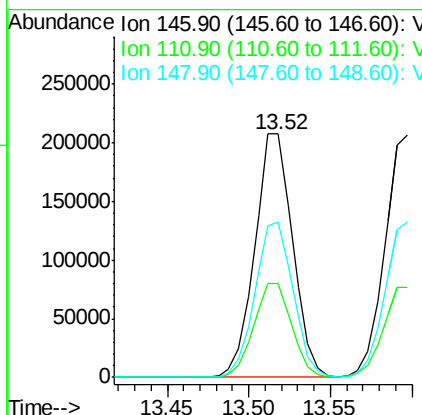
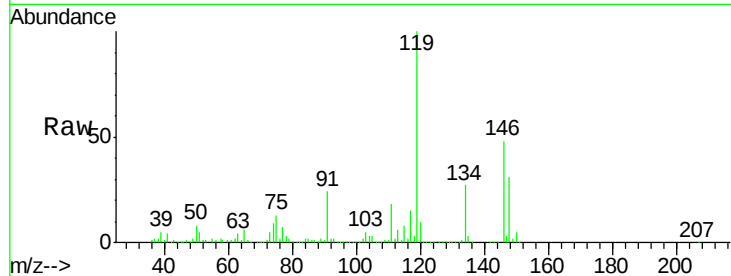




#87
 1,3-Dichlorobenzene
 Concen: 49.42 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

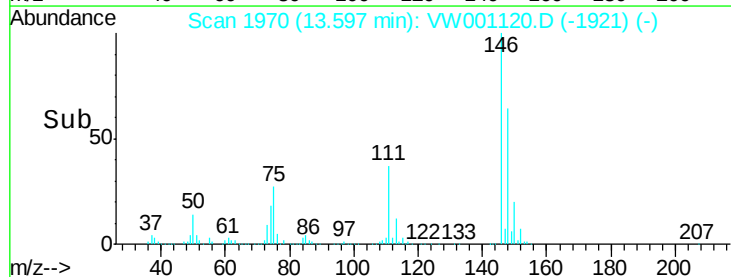
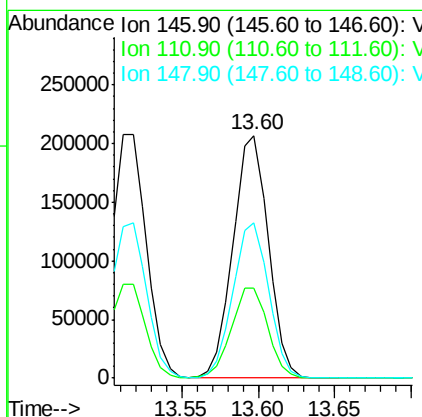
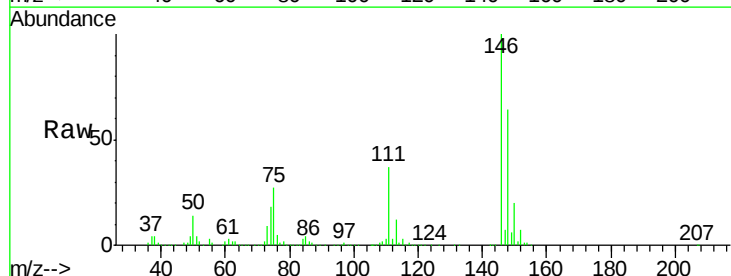
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

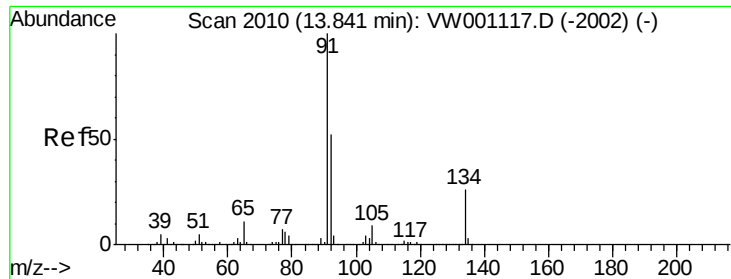
Tgt Ion:146 Resp: 335225
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.1
 148 64.2 31.9 95.5



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

Tgt Ion:146 Resp: 332954
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.1
 148 64.6 32.5 97.5

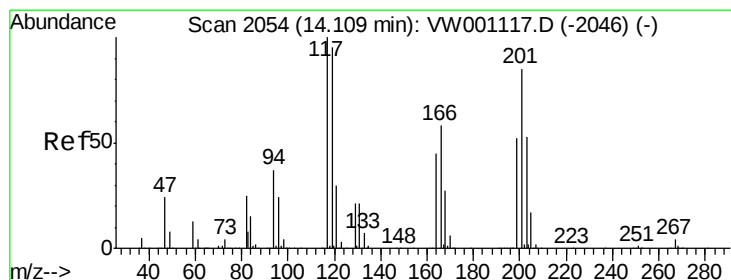
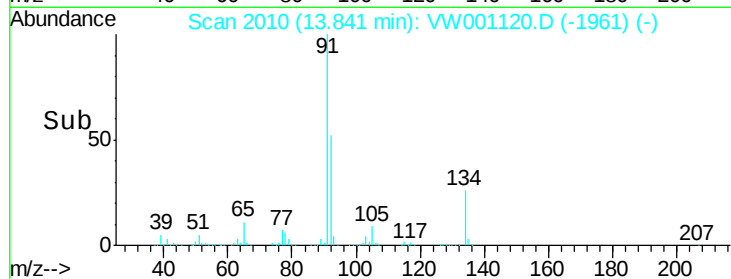
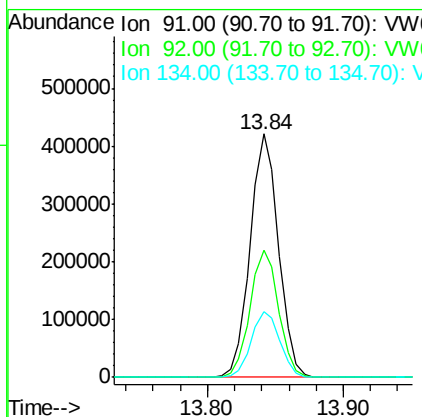
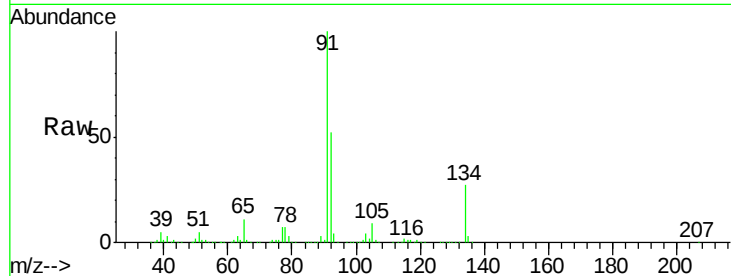




#89
n-Butylbenzene
Concen: 52.53 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

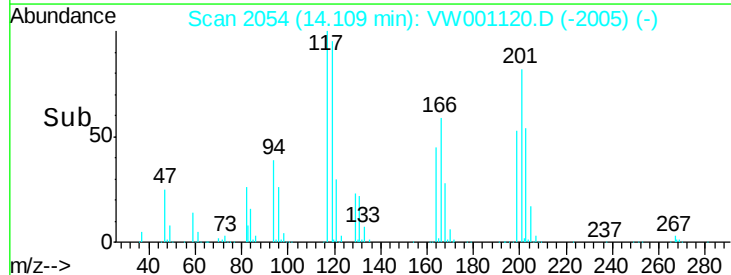
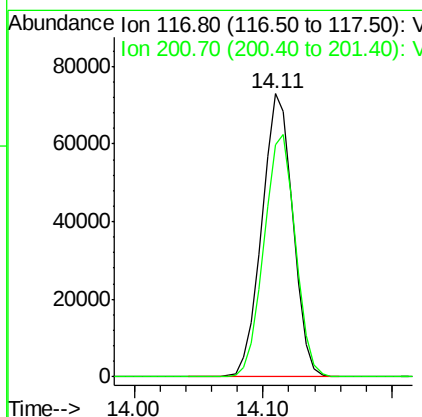
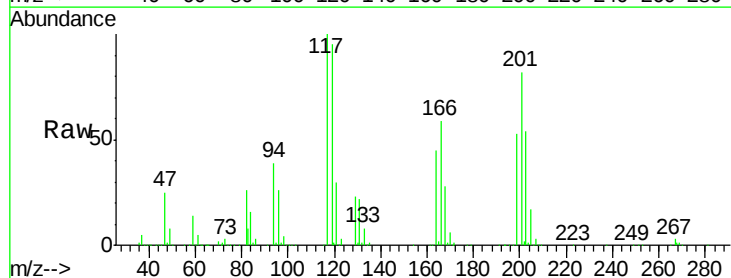
Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

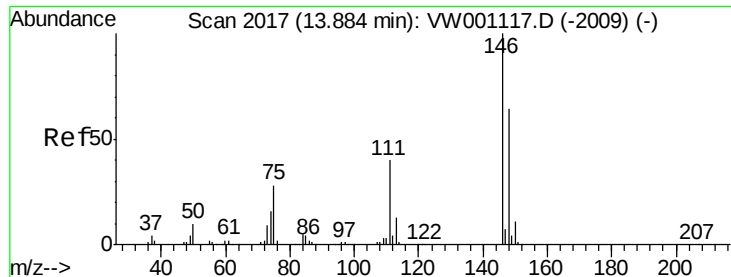
Tgt Ion: 91 Resp: 615406
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 27.5 13.6 40.8



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

Tgt Ion: 117 Resp: 121550
Ion Ratio Lower Upper
117 100
201 86.9 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 48.95 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. 0.01 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW012918

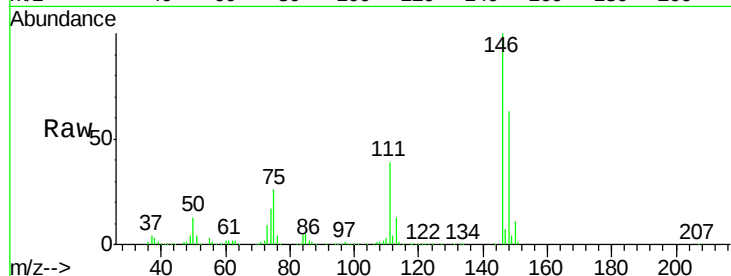
Tgt Ion:146 Resp: 303913

Ion Ratio Lower Upper

146 100

111 40.1 20.4 61.2

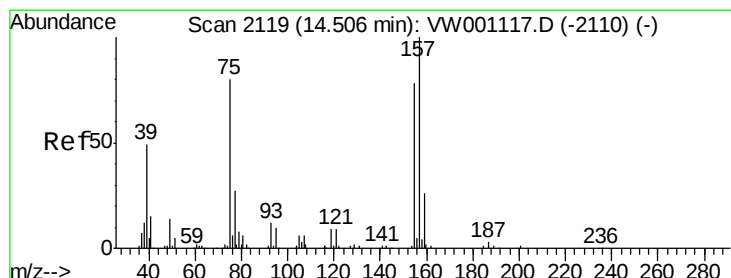
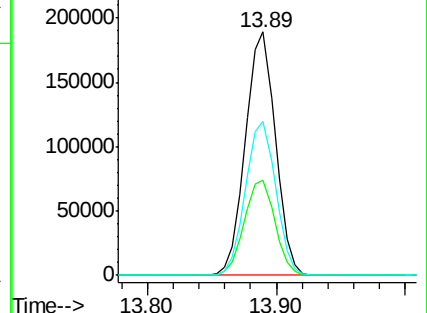
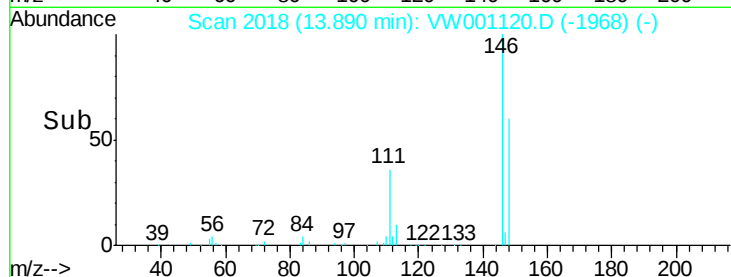
148 64.0 32.2 96.6



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: 47.17 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VW001120.D

Acq: 29 Jan 2018 15:04

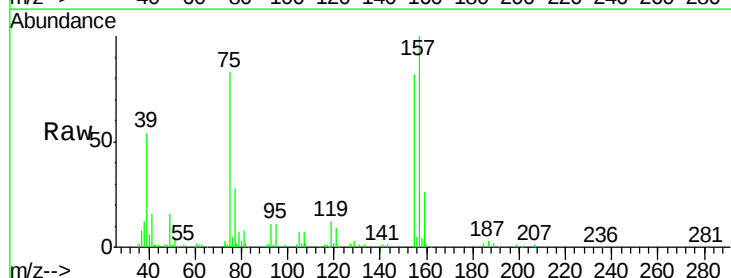
Tgt Ion: 75 Resp: 25750

Ion Ratio Lower Upper

75 100

155 90.8 46.3 138.9

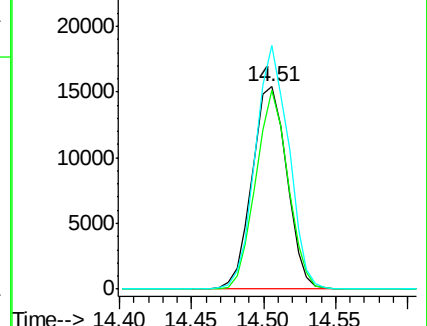
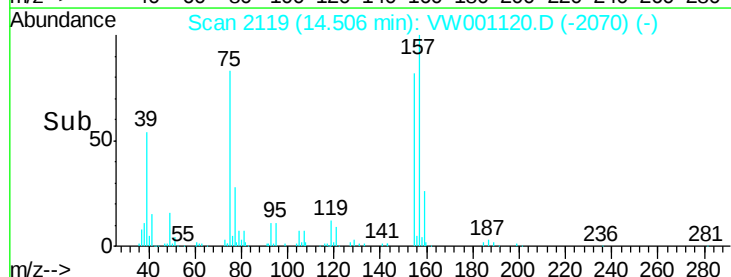
157 115.0 60.0 180.0

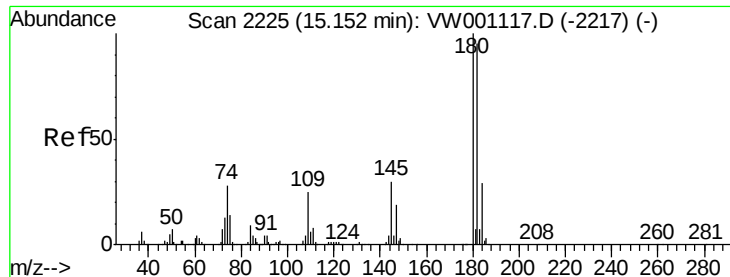


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

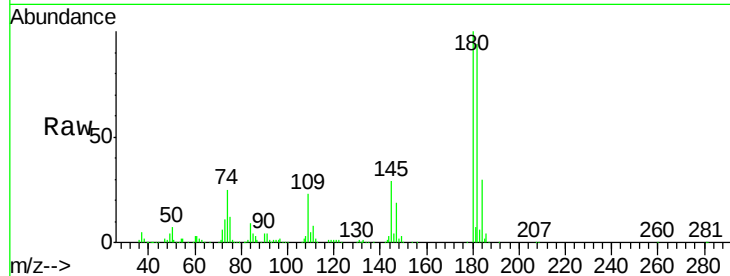




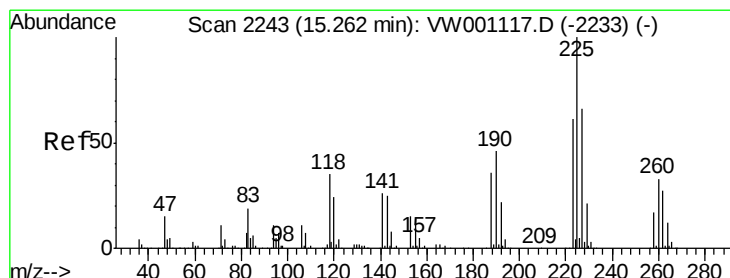
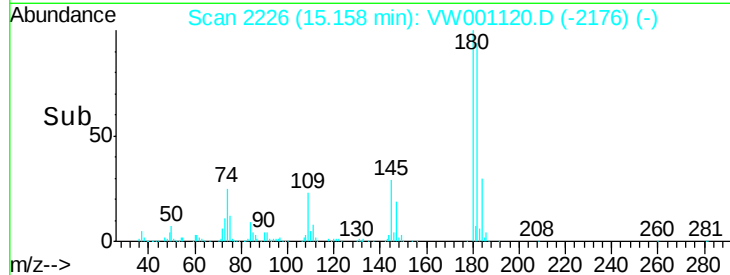
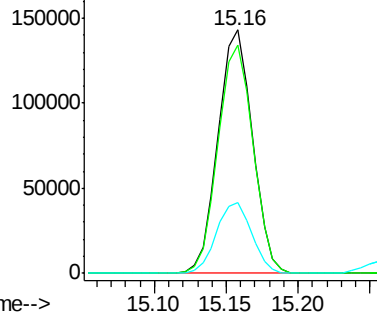
#93
 1,2,4-Trichlorobenzene
 Concen: 51.72 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

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

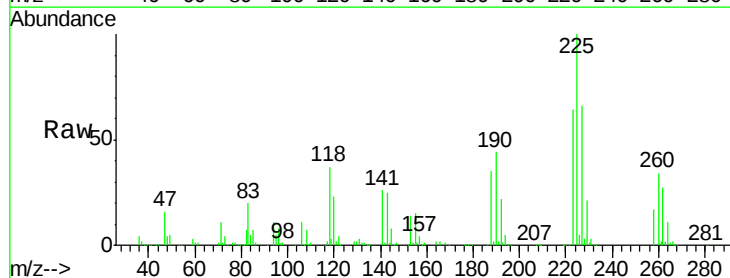


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

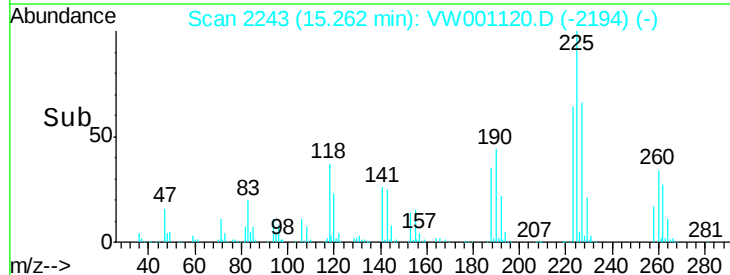
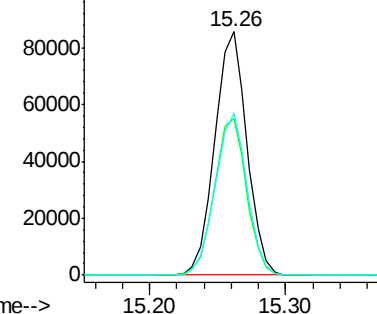


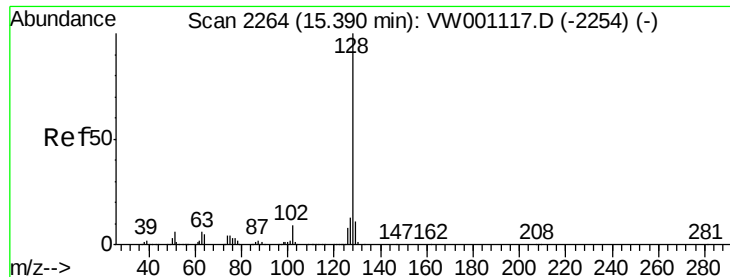
#94
 Hexachlorobutadiene
 Concen: 50.04 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VW001120.D
 Acq: 29 Jan 2018 15:04

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



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

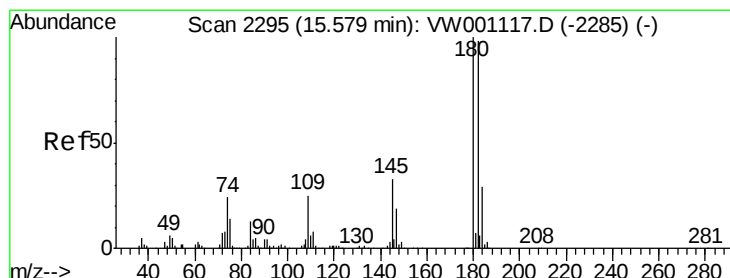
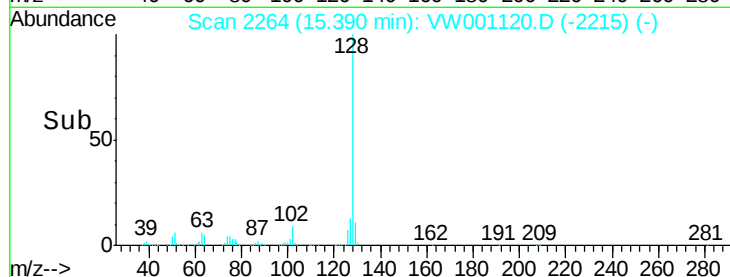
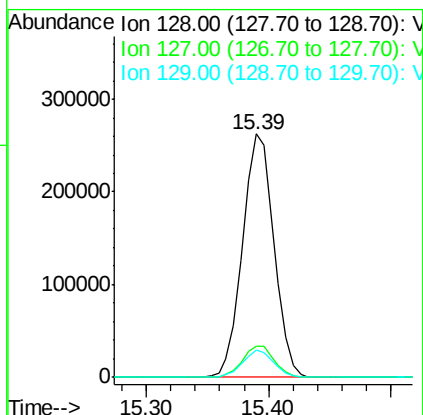
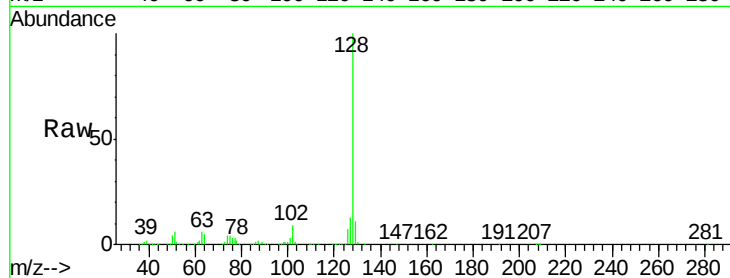




#95
Naphthalene
Concen: 51.87 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.00 min
Lab File: VW001120.D
Acq: 29 Jan 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW012918

Tgt Ion:128 Resp: 467513
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 8.7 13.1



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

Tgt Ion:180 Resp: 215431
Ion Ratio Lower Upper
180 100
182 93.6 48.7 146.1
145 31.0 16.0 47.9

