

Data File : VW001119.D

Acq On : 29 Jan 2018 14:08

Operator : JC/SY

Sample : VSTDICC150

Misc : 5.0G/5.0ML/MSVOA_W/SOIL

ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Jan 30 00:52:51 2018

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

Quant Title : SW846 8260

QLast Update : Tue Jan 30 00:46:15 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	435428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	226587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	466396	144.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.58%	
35) Dibromofluoromethane	7.88	113	421690	142.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.02%	
50) Toluene-d8	10.33	98	1657678	145.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.08%	
62) 4-Bromofluorobenzene	12.63	95	628184	149.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	393625	139.70	ug/l	99
3) Chloromethane	2.22	50	369321	150.05	ug/l	99
4) Vinyl Chloride	2.35	62	336392	137.28	ug/l	98
5) Bromomethane	2.72	94	135899	98.47	ug/l	97
6) Chloroethane	2.88	64	186017	133.77	ug/l	98
7) Trichlorofluoromethane	3.23	101	626752	137.64	ug/l	99
8) Diethyl Ether	3.67	74	171100	144.40	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.03	101	436219	144.02	ug/l	99
10) Methyl Iodide	4.25	142	511302	159.86	ug/l	100
11) Tert butyl alcohol	5.20	59	207598	796.21	ug/l	99
12) 1,1-Dichloroethene	4.01	96	385081	145.53	ug/l	100
13) Acrolein	3.89	56	309696	742.46	ug/l	98
14) Allyl chloride	4.65	41	595594	150.65	ug/l	99
15) Acrylonitrile	5.37	53	588755	731.89	ug/l	99
16) Acetone	4.13	43	637710	750.32	ug/l	99
17) Carbon Disulfide	4.36	76	1200235	146.04	ug/l	100
18) Methyl Acetate	4.67	43	291052	147.06	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	1072182	156.56	ug/l	99
20) Methylene Chloride	4.90	84	409070	150.48	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	419750	142.03	ug/l	99
22) Diisopropyl ether	6.32	45	1117588	147.55	ug/l	99
23) Vinyl Acetate	6.26	43	3522064	776.13	ug/l	100
24) 1,1-Dichloroethane	6.21	63	705157	142.67	ug/l	98
25) 2-Butanone	7.18	43	839632	752.62	ug/l	98
26) 2,2-Dichloropropane	7.17	77	682837	139.67	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	462564	146.74	ug/l	100
28) Bromochloromethane	7.51	49	292316	145.51	ug/l	99
29) Tetrahydrofuran	7.53	42	481052	755.07	ug/l	99
30) Chloroform	7.67	83	759933	141.89	ug/l	99
31) Cyclohexane	7.95	56	654957	136.55	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	730741	144.20	ug/l	99
36) 1,1-Dichloropropene	8.08	75	602177	143.68	ug/l	100
37) Ethyl Acetate	7.26	43	319531	144.20	ug/l	99
38) Carbon Tetrachloride	8.06	117	677995	144.84	ug/l	98

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Quant Title : SW846 8260

QLast Update : Tue Jan 30 00:46:15 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	743693	150.28	ug/l	99
40) Benzene	8.32	78	1652727	142.42	ug/l	97
41) Methacrylonitrile	7.49	41	197979	161.07	ug/l	95
42) 1,2-Dichloroethane	8.40	62	527553	144.58	ug/l	99
43) Isopropyl Acetate	8.43	43	597571	156.77	ug/l	100
44) Trichloroethene	9.09	130	495142	142.11	ug/l	100
45) 1,2-Dichloropropane	9.37	63	407668	145.89	ug/l	98
46) Dibromomethane	9.46	93	252432	144.46	ug/l	98
47) Bromodichloromethane	9.65	83	593352	150.08	ug/l	99
48) Methyl methacrylate	9.44	41	293091	160.86	ug/l	99
49) 1,4-Dioxane	9.45	88	94460	3033.57	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	1630865	782.99	ug/l	99
52) Toluene	10.40	92	1082236	145.24	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	611648	153.32	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	669106	150.24	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	363033	145.73	ug/l	100
56) Ethyl methacrylate	10.65	69	485357	166.20	ug/l	100
57) 1,3-Dichloropropane	10.94	76	598573	147.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1556921	750.39	ug/l	100
59) 2-Hexanone	10.98	43	1246587	791.10	ug/l	99
60) Dibromochloromethane	11.14	129	465867	153.48	ug/l	100
61) 1,2-Dibromoethane	11.24	107	377574	150.31	ug/l	99
64) Tetrachloroethene	10.87	164	461393	131.77	ug/l	98
65) Chlorobenzene	11.67	112	1257945	143.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	474241	147.88	ug/l	99
67) Ethyl Benzene	11.74	91	2190472	149.41	ug/l	98
68) m/p-Xylenes	11.85	106	1692965	296.40	ug/l	99
69) o-Xylene	12.18	106	799424	151.79	ug/l	99
70) Styrene	12.20	104	1330814	153.73	ug/l	100
71) Bromoform	12.36	173	317771	153.36	ug/l #	99
73) Isopropylbenzene	12.48	105	2217703	156.26	ug/l	100
74) N-amyl acetate	12.29	43	530498	163.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	437234	150.61	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	606871	219.80	ug/l #	100
77) Bromobenzene	12.76	156	558263	151.51	ug/l	99
78) n-propylbenzene	12.82	91	2617787	154.06	ug/l	100
79) 2-Chlorotoluene	12.91	91	1490106	153.23	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1899722	156.51	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	137817	157.80	ug/l	99
82) 4-Chlorotoluene	13.01	91	1556467	150.14	ug/l	100
83) tert-Butylbenzene	13.22	119	1695017	158.04	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1920668	155.51	ug/l	99
85) sec-Butylbenzene	13.40	105	2308933	152.21	ug/l	100
86) p-Isopropyltoluene	13.52	119	2073360	153.72	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1055221	145.04	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	1041154	142.44	ug/l	99
89) n-Butylbenzene	13.84	91	1903063	151.44	ug/l	99
90) Hexachloroethane	14.11	117	384924	153.04	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	950195	142.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	89833	153.41	ug/l	100

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 00:46:15 2018
Response via : Initial Calibration

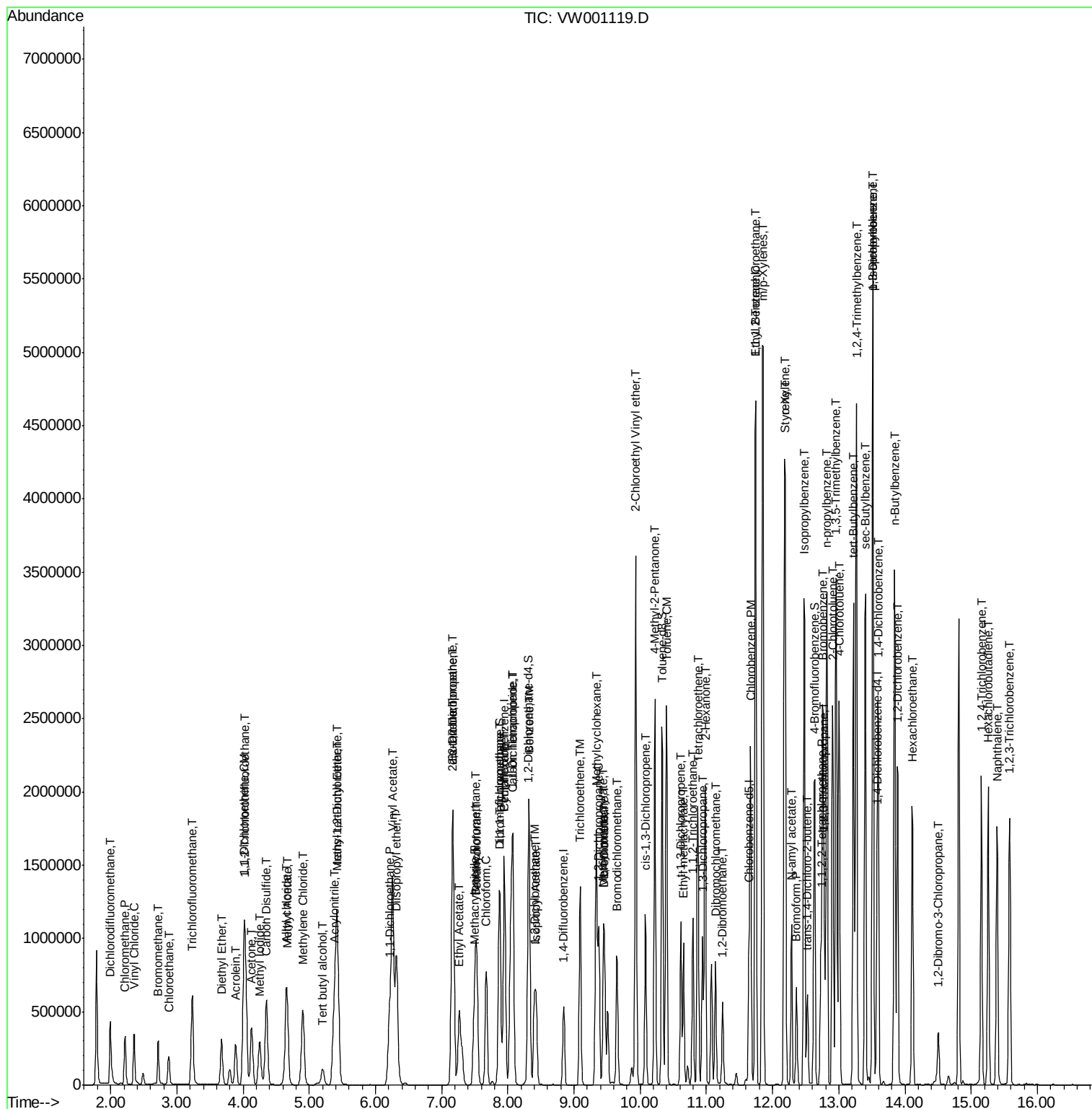
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	719431	146.83	ug/l	100
94) Hexachlorobutadiene	15.26	225	429057	141.60	ug/l	99
95) Naphthalene	15.39	128	1530235	158.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	651486	144.17	ug/l	99

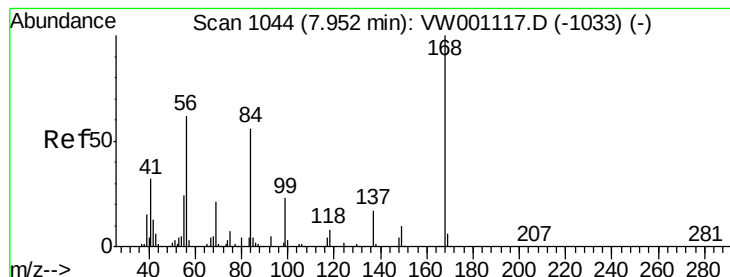
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Data File : VW001119.D
Acq On : 29 Jan 2018 14:08
Operator : JC/SY
Sample : VSTDIC150
Misc : 5.0G/5.0ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Quant Time: Jan 30 00:52:51 2018
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Quant Title : SW846 8260
QLast Update : Tue Jan 30 00:46:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

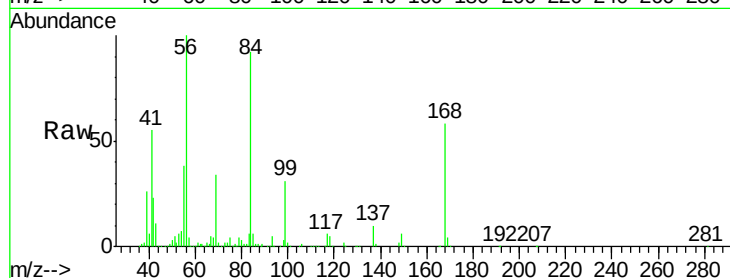
VSTDIC150

Tgt Ion:168 Resp: 332491

Ion Ratio Lower Upper

168 100

99 53.1 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

100000

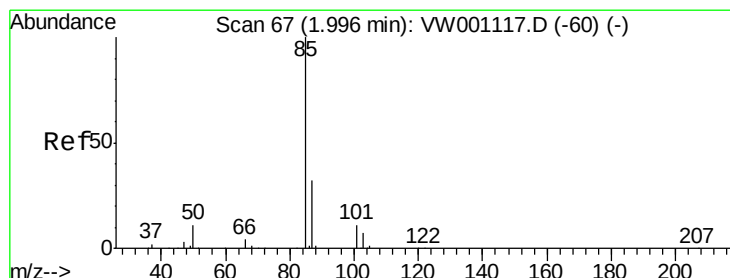
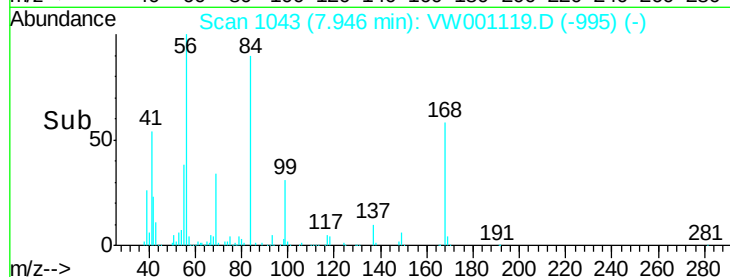
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 139.70 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW001119.D

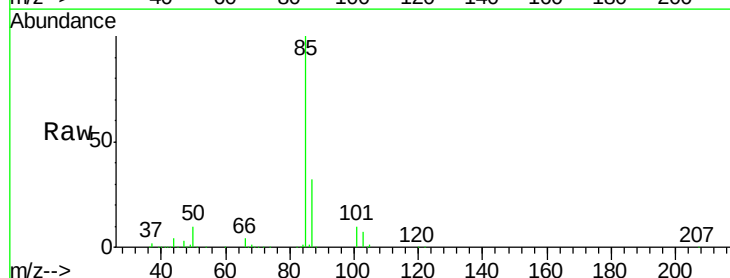
Acq: 29 Jan 2018 14:08

Tgt Ion: 85 Resp: 393625

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

250000

200000

150000

100000

50000

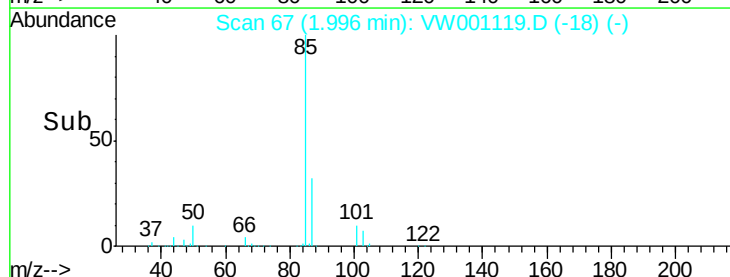
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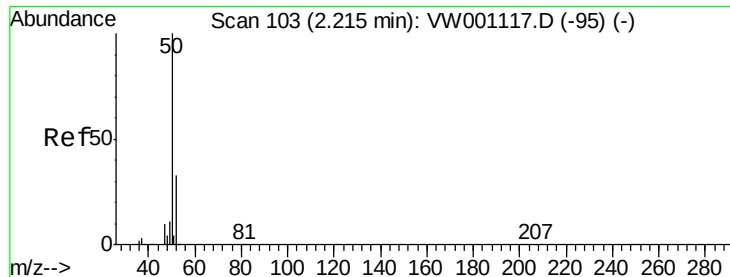
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 150.05 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

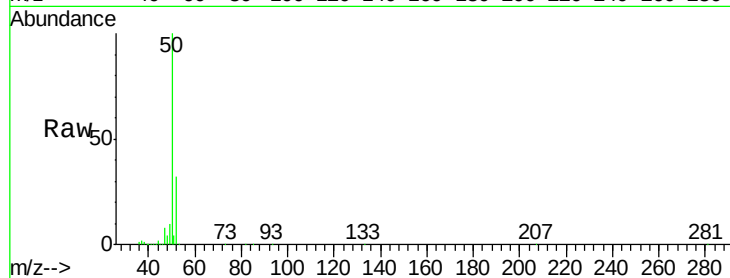
VSTDIC150

Tgt Ion: 50 Resp: 369321

Ion Ratio Lower Upper

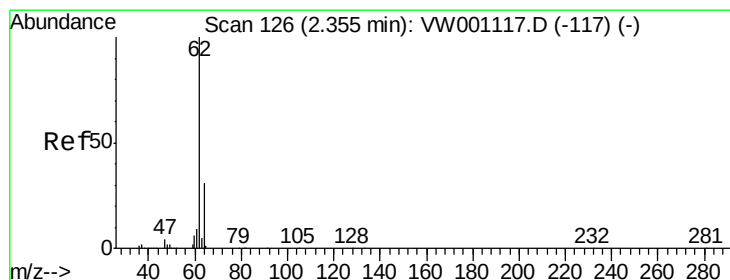
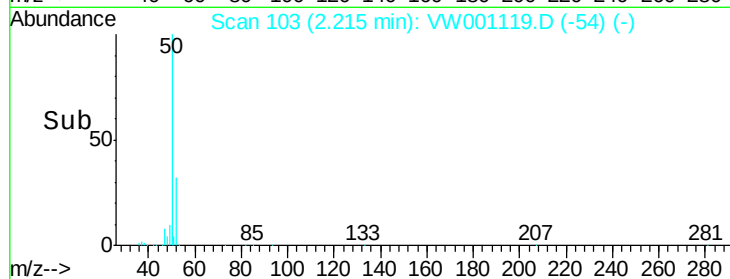
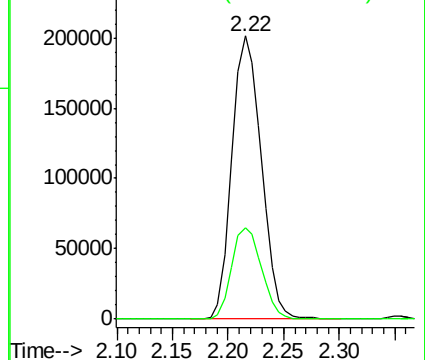
50 100

52 32.4 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 137.28 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW001119.D

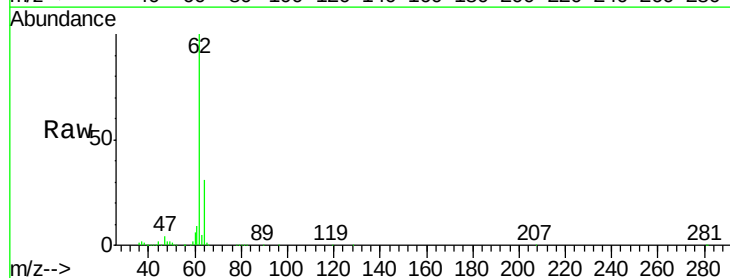
Acq: 29 Jan 2018 14:08

Tgt Ion: 62 Resp: 336392

Ion Ratio Lower Upper

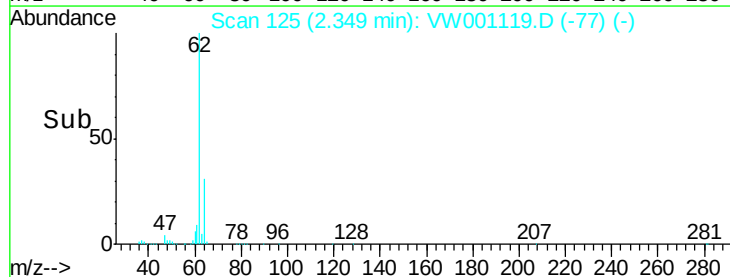
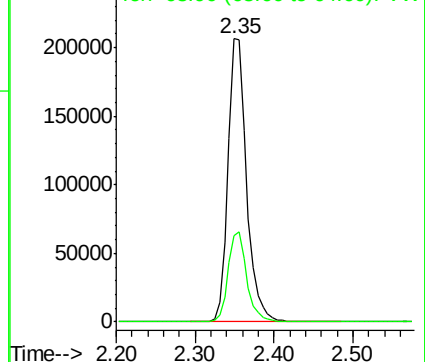
62 100

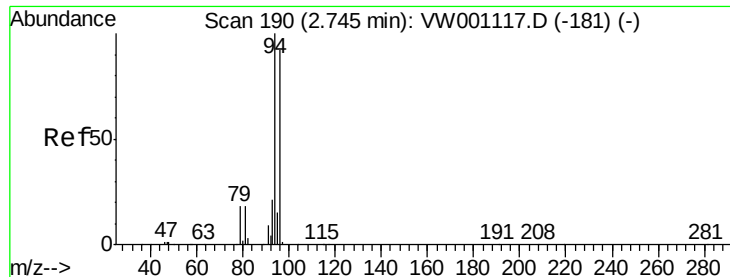
64 30.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 98.47 ug/l

RT: 2.72 min Scan# 186

Delta R.T. -0.02 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

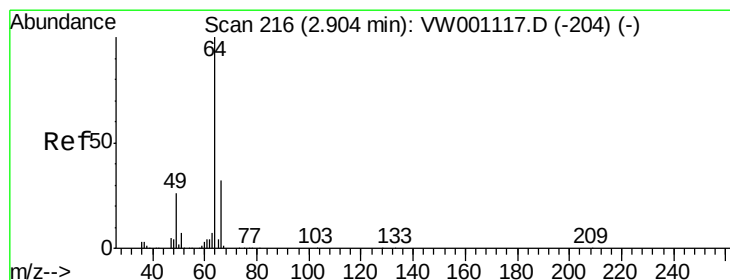
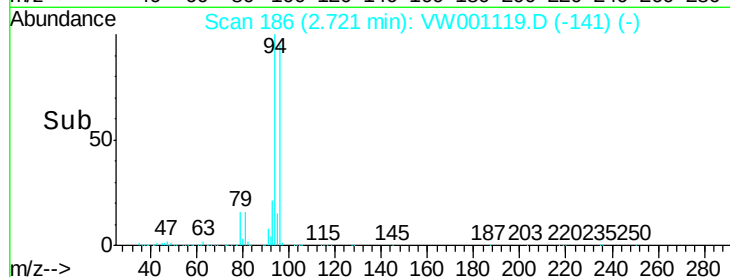
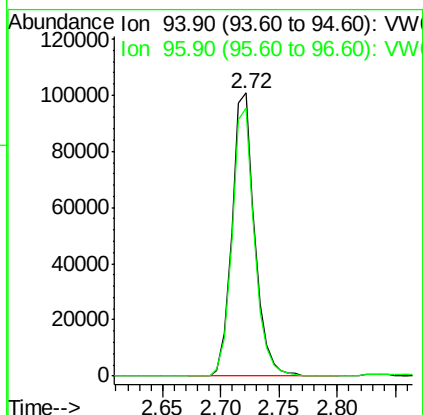
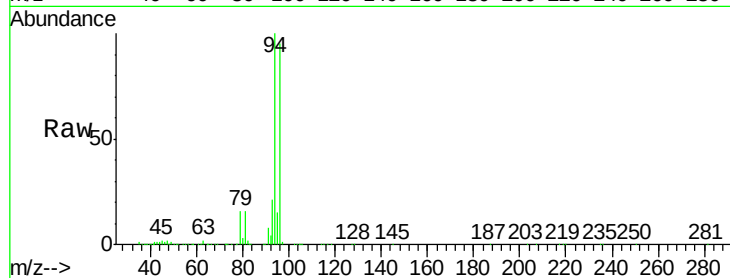
VSTDIC150

Tgt Ion: 94 Resp: 135899

Ion Ratio Lower Upper

94 100

96 94.8 73.7 110.5



#6

Chloroethane

Concen: 133.77 ug/l

RT: 2.88 min Scan# 212

Delta R.T. -0.02 min

Lab File: VW001119.D

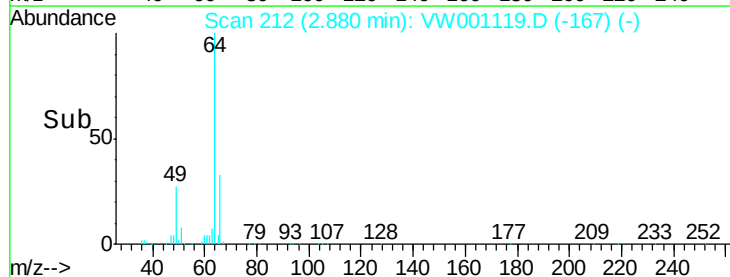
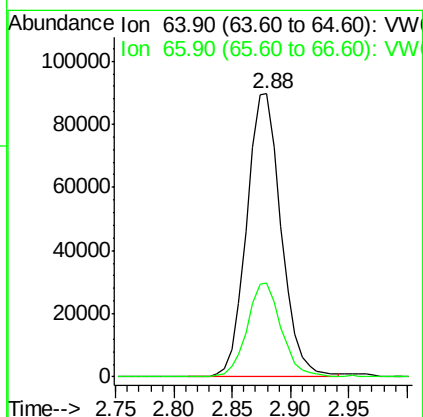
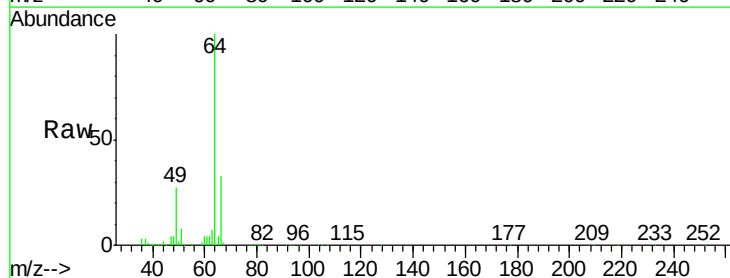
Acq: 29 Jan 2018 14:08

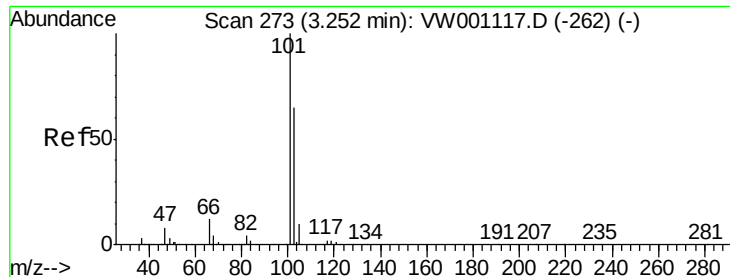
Tgt Ion: 64 Resp: 186017

Ion Ratio Lower Upper

64 100

66 33.3 25.8 38.8



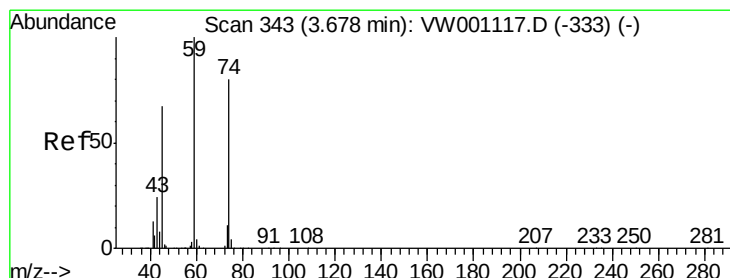
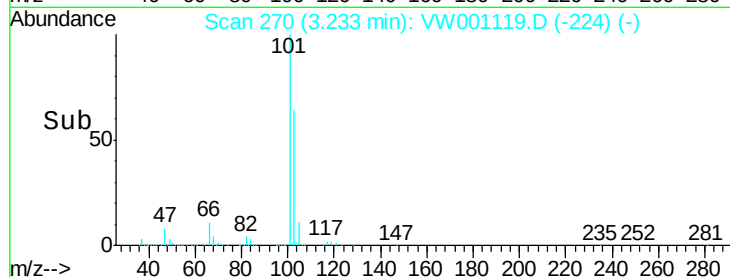
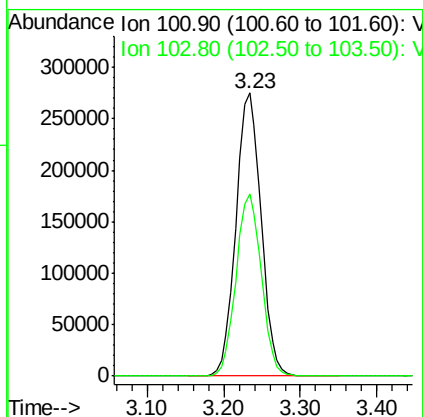
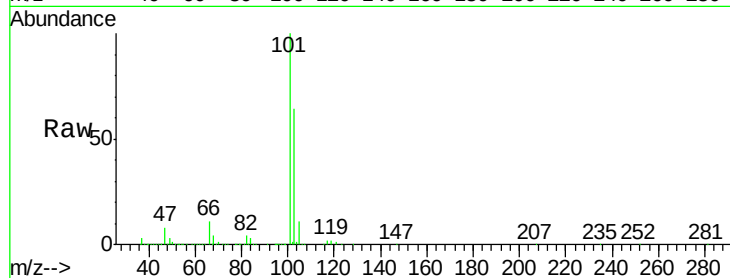


#7

Trichlorofluoromethane
Concen: 137.64 ug/l
RT: 3.23 min Scan# 270
Delta R.T. -0.02 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

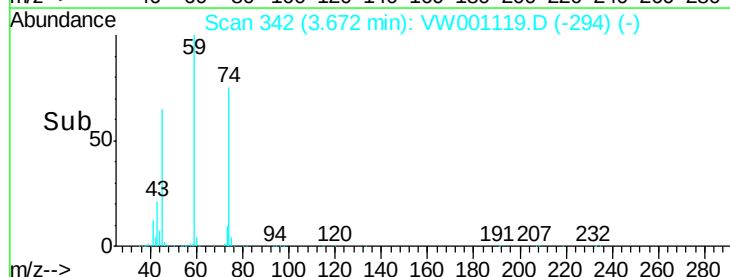
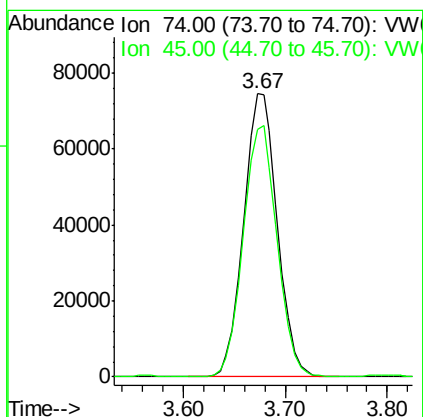
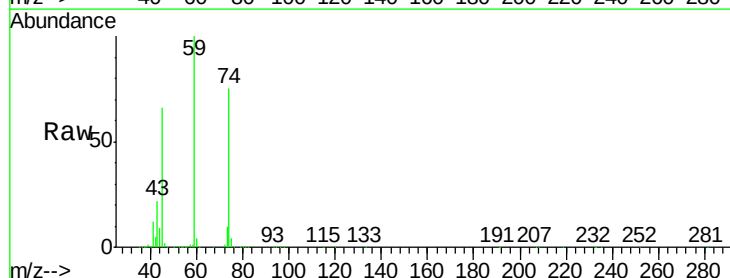
Tgt Ion: 101 Resp: 626752
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9

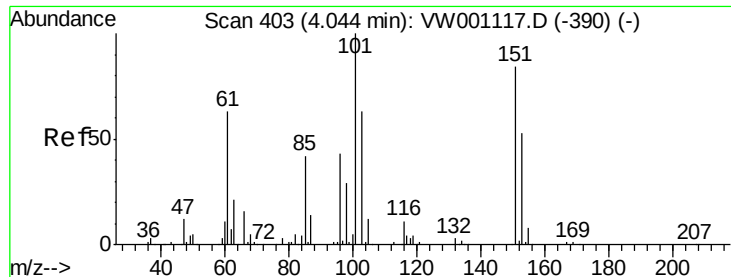


#8

Diethyl Ether
Concen: 144.40 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 74 Resp: 171100
Ion Ratio Lower Upper
74 100
45 89.0 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.02 ug/l

RT: 4.03 min Scan# 401

Delta R.T. -0.01 min

Lab File: VW001119.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

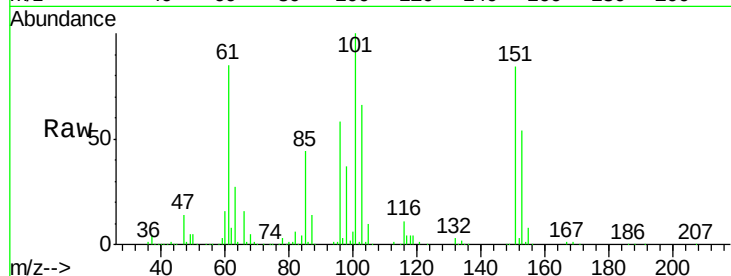
Tgt Ion:101 Resp: 436219

Ion Ratio Lower Upper

101 100

85 42.7 34.9 52.3

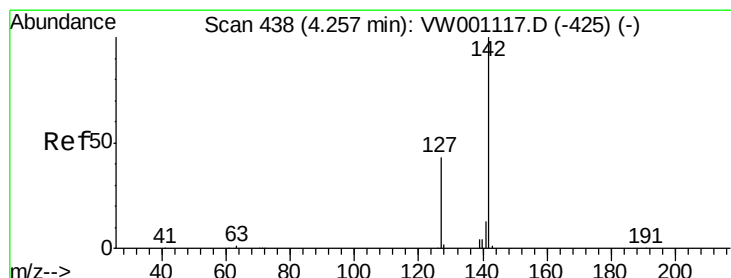
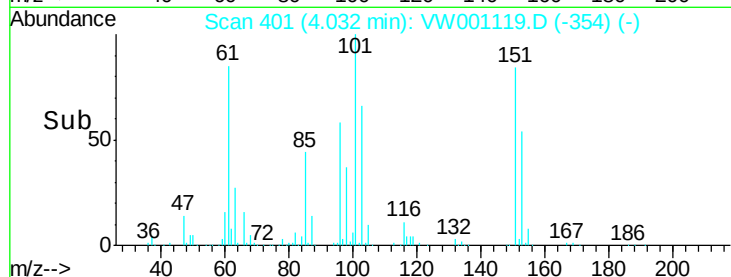
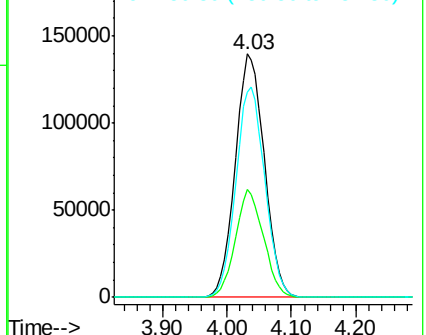
151 86.1 68.6 103.0



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: 159.86 ug/l

RT: 4.25 min Scan# 437

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

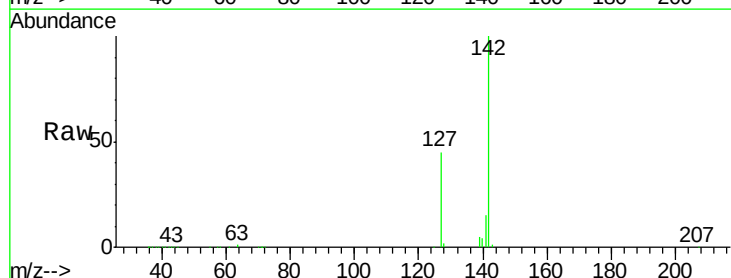
Tgt Ion:142 Resp: 511302

Ion Ratio Lower Upper

142 100

127 44.4 35.4 53.2

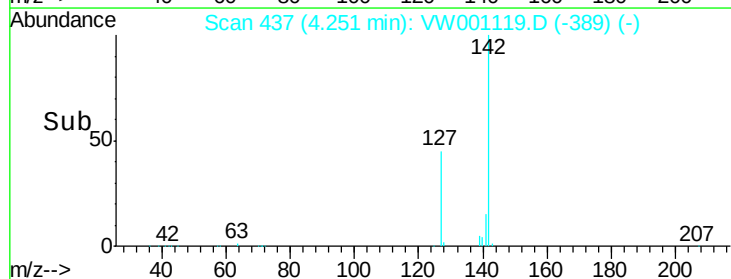
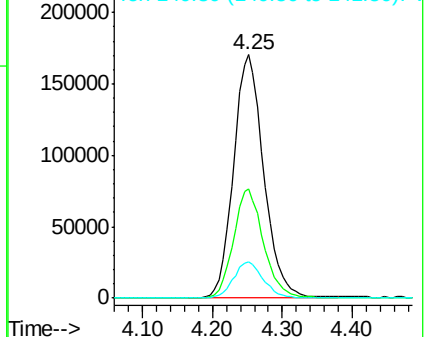
141 14.7 11.6 17.4

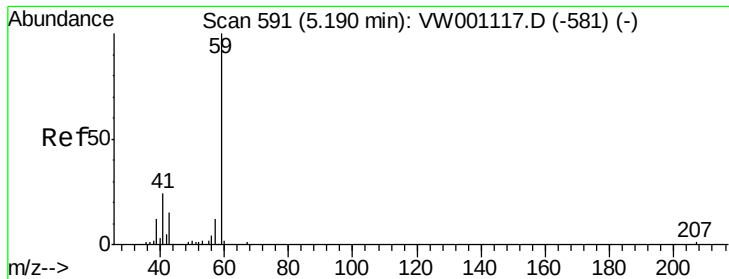


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



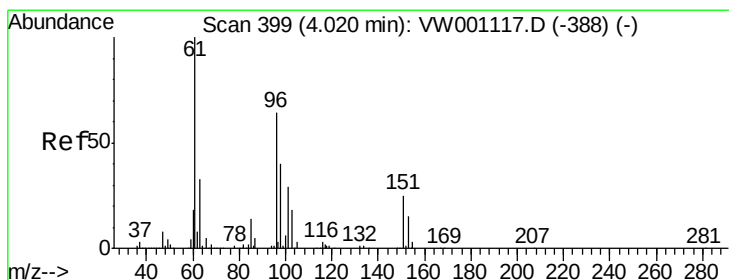
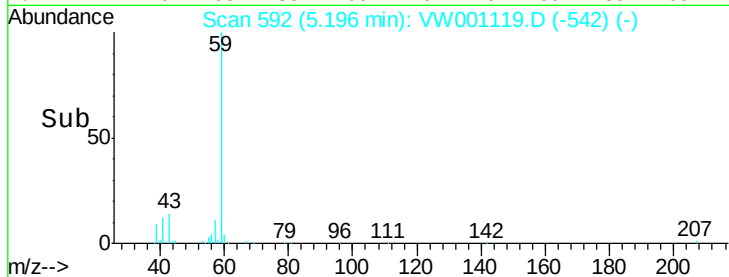
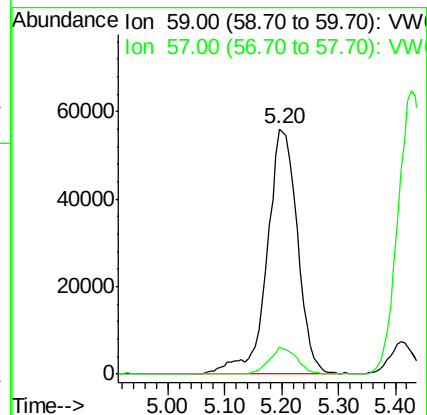
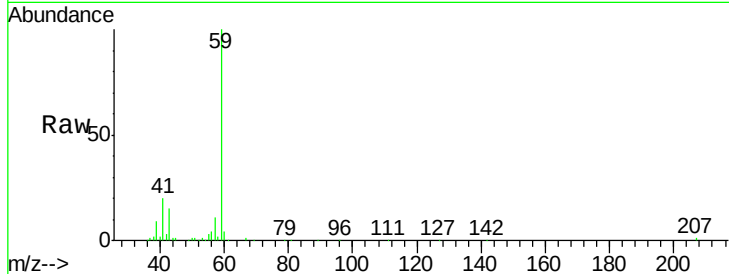


#11

Tert butyl alcohol
Concen: 796.21 ug/l
RT: 5.20 min Scan# 592
Delta R.T. 0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

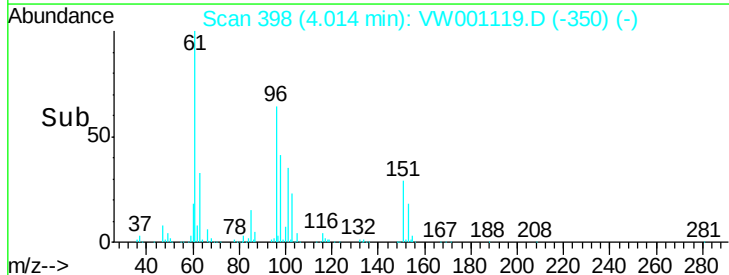
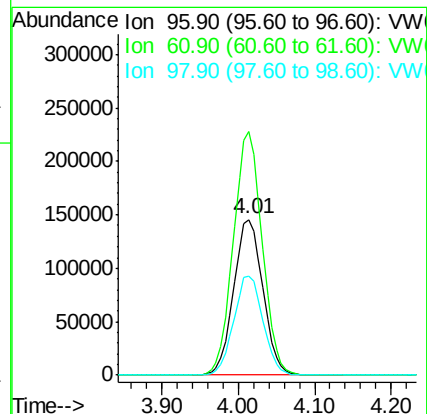
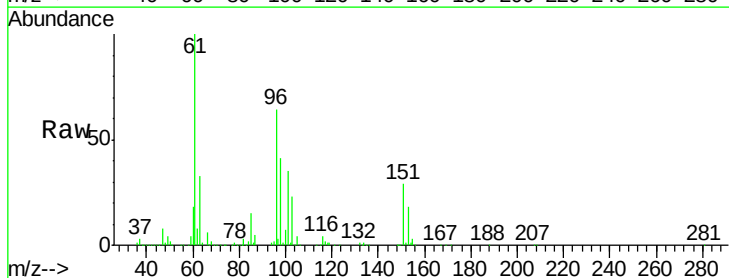
Tgt Ion: 59 Resp: 207598
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

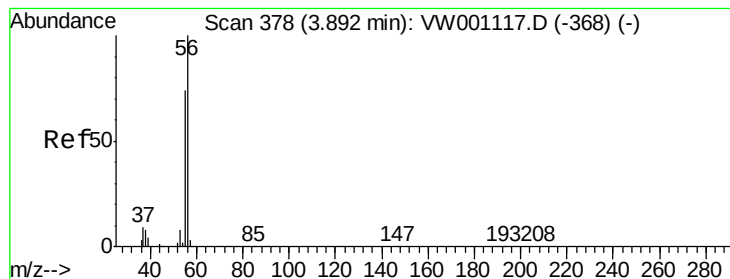


#12

1,1-Dichloroethene
Concen: 145.53 ug/l
RT: 4.01 min Scan# 398
Delta R.T. -0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 96 Resp: 385081
Ion Ratio Lower Upper
96 100
61 156.4 125.2 187.8
98 63.8 50.3 75.5





#13

Acrolein

Concen: 742.46 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

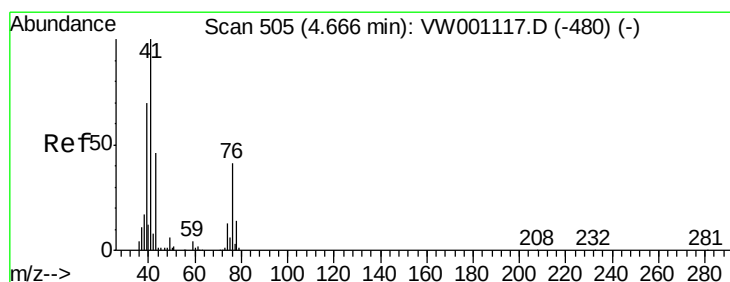
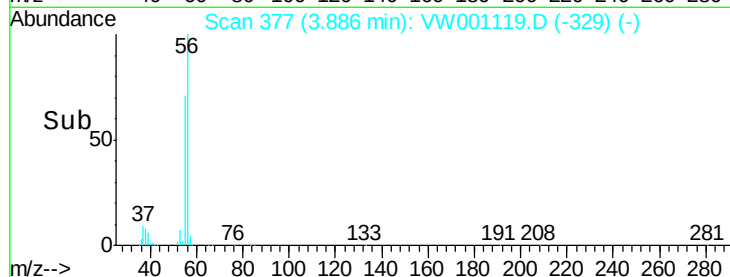
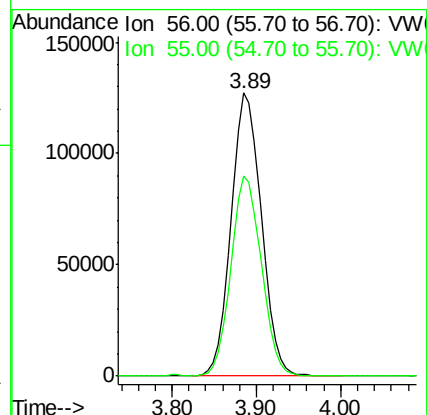
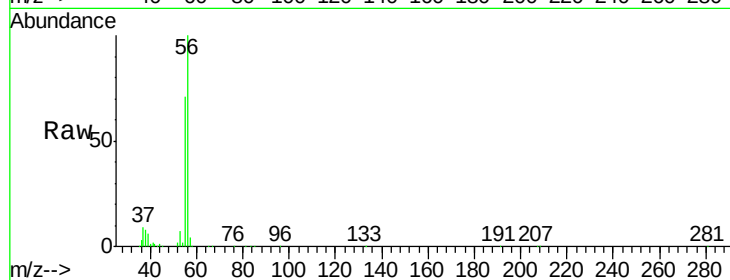
VSTDIC150

Tgt Ion: 56 Resp: 309696

Ion Ratio Lower Upper

56 100

55 70.8 58.2 87.4



#14

Allyl chloride

Concen: 150.65 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

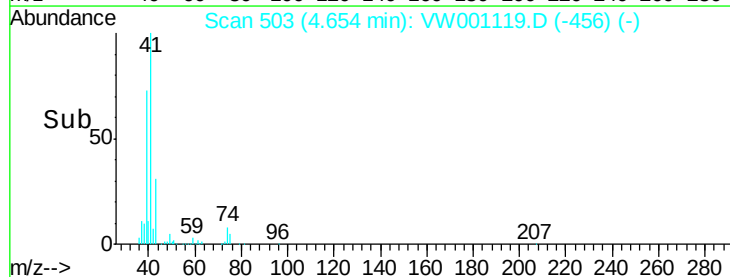
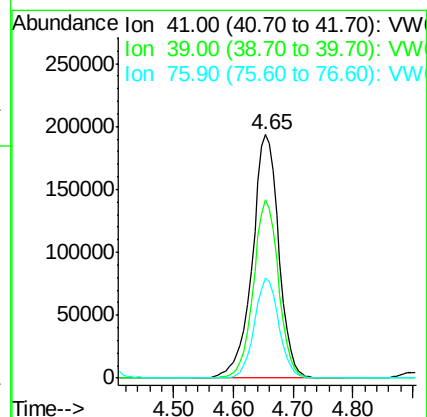
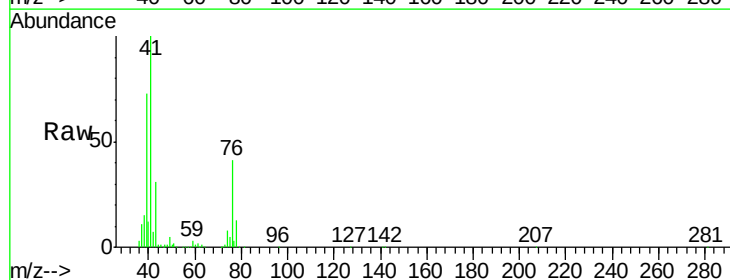
Tgt Ion: 41 Resp: 595594

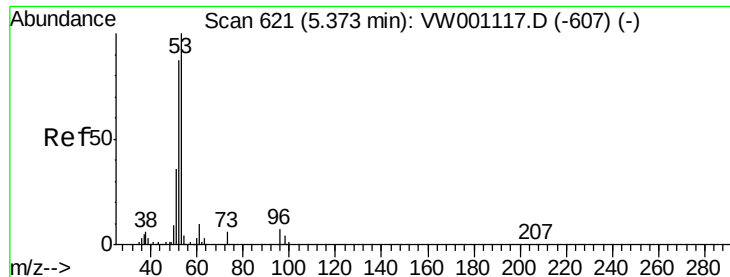
Ion Ratio Lower Upper

41 100

39 69.5 55.9 83.9

76 38.1 31.0 46.6





#15

Acrylonitrile

Concen: 731.89 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

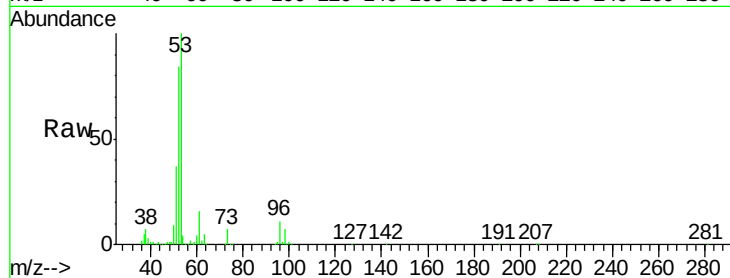
Tgt Ion: 53 Resp: 588755

Ion Ratio Lower Upper

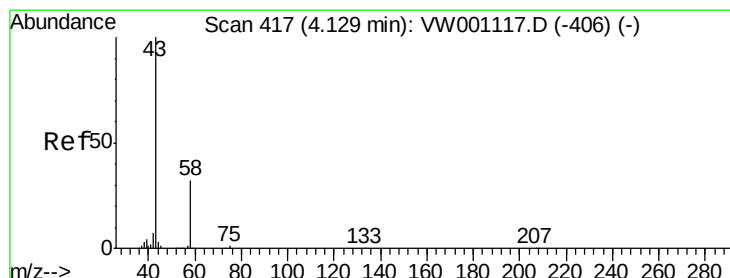
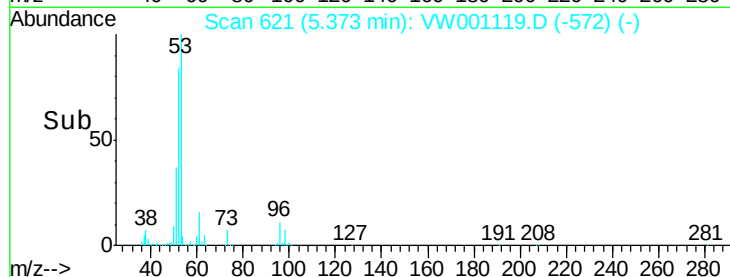
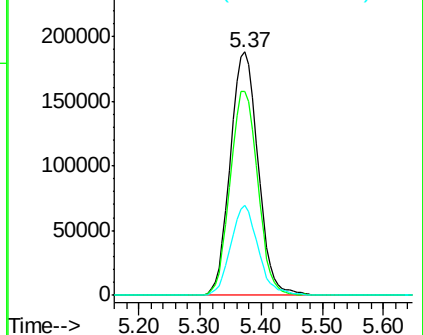
53 100

52 83.0 66.9 100.3

51 36.6 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 750.32 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW001119.D

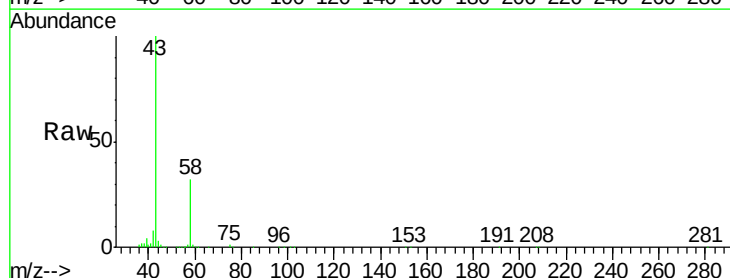
Acq: 29 Jan 2018 14:08

Tgt Ion: 43 Resp: 637710

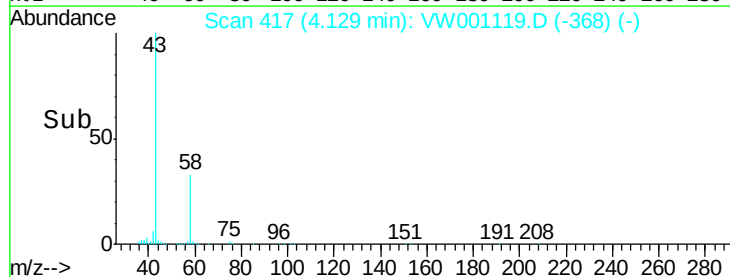
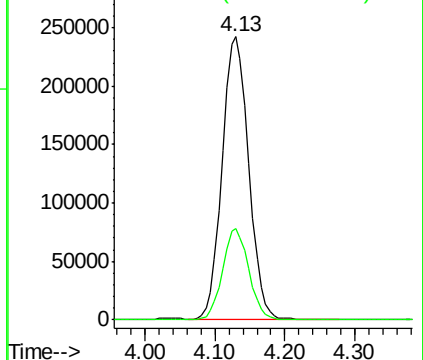
Ion Ratio Lower Upper

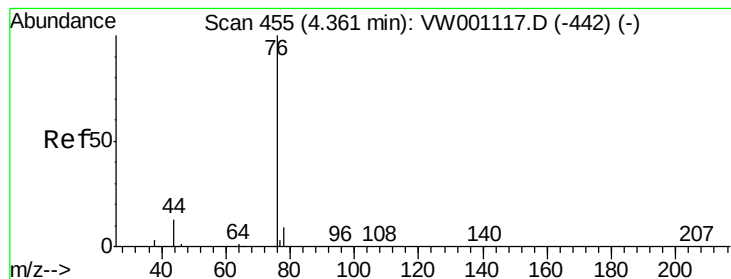
43 100

58 32.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 146.04 ug/l

RT: 4.36 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

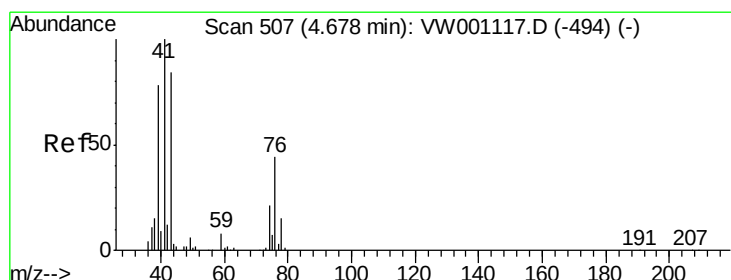
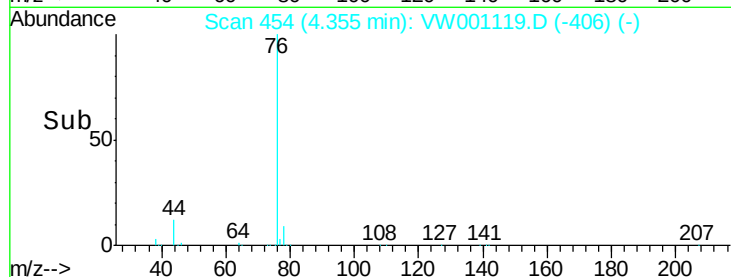
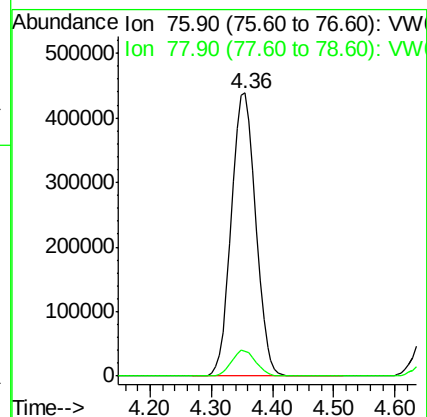
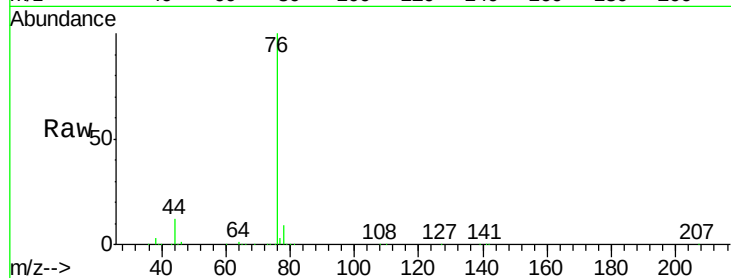
VSTDIC150

Tgt Ion: 76 Resp: 1200235

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 147.06 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW001119.D

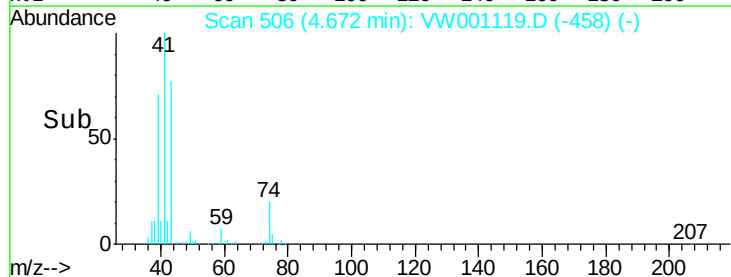
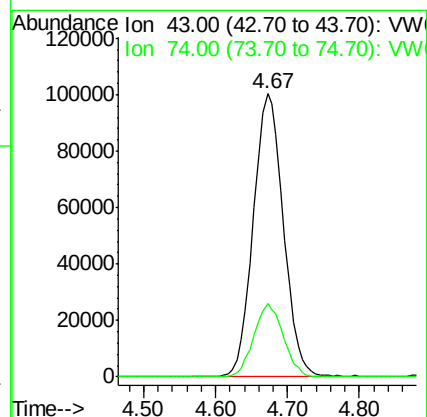
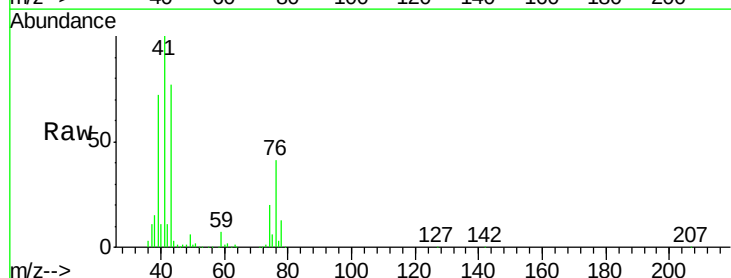
Acq: 29 Jan 2018 14:08

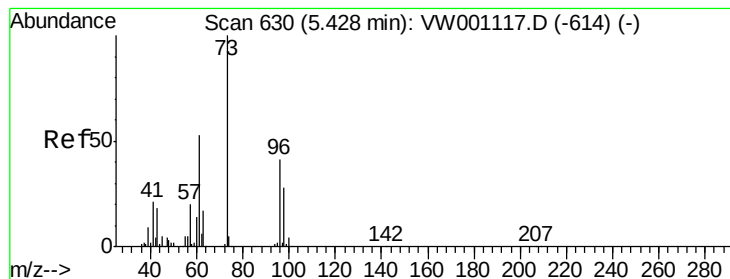
Tgt Ion: 43 Resp: 291052

Ion Ratio Lower Upper

43 100

74 25.6 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 156.56 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

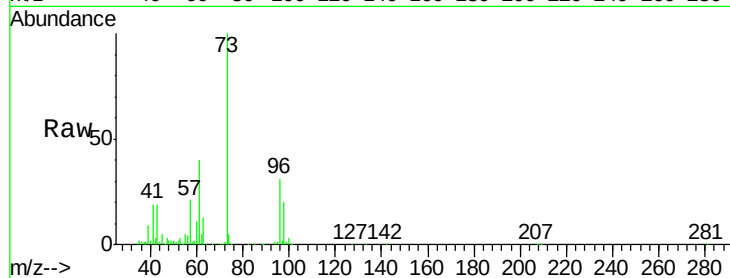
VSTDIC150

Tgt Ion: 73 Resp: 1072182

Ion Ratio Lower Upper

73 100

57 20.6 16.1 24.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.43

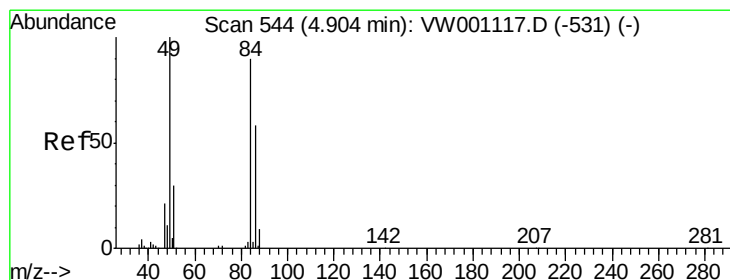
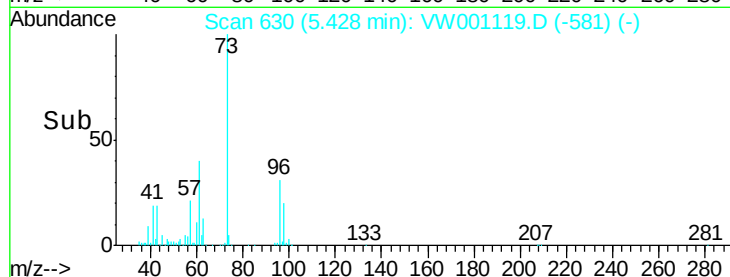
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 150.48 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tgt Ion: 84 Resp: 409070

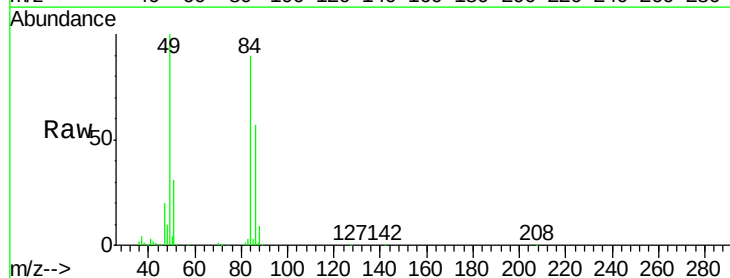
Ion Ratio Lower Upper

84 100

49 111.2 89.2 133.8

51 34.5 26.7 40.1

86 63.2 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

200000

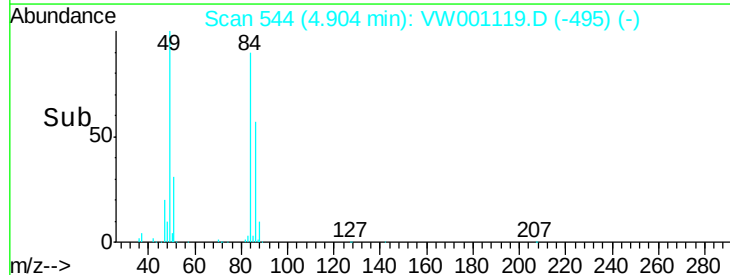
150000

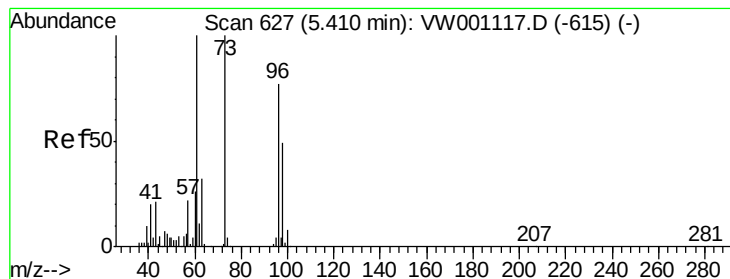
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 142.03 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

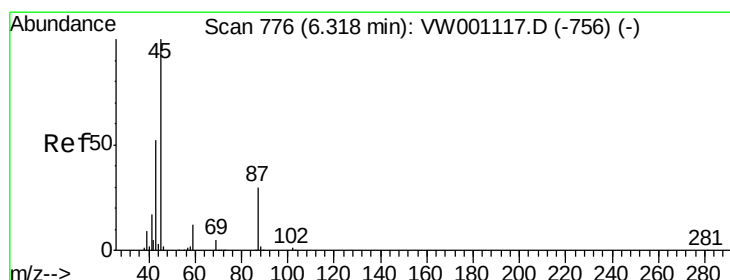
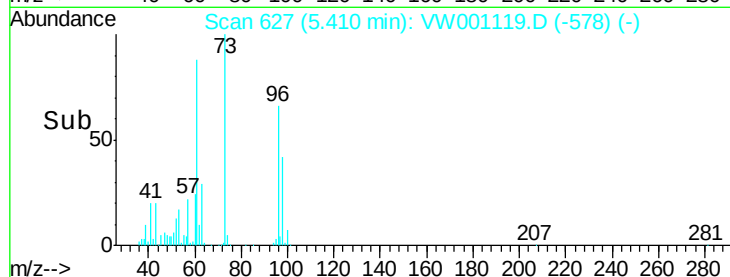
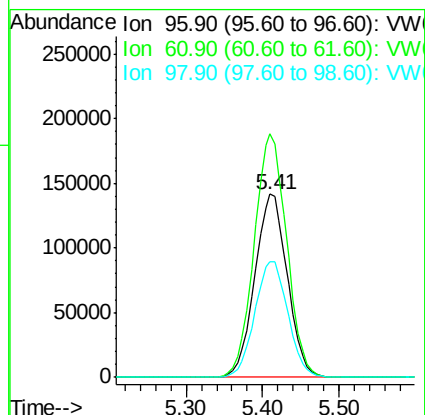
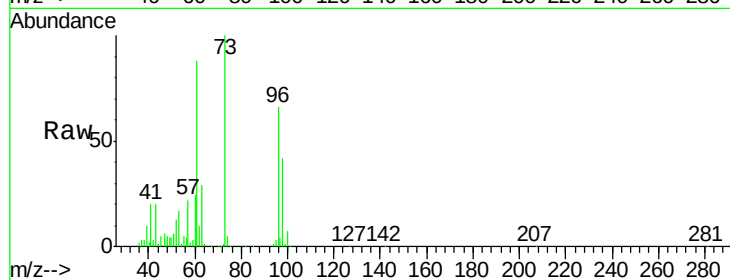
Tgt Ion: 96 Resp: 419750

Ion Ratio Lower Upper

96 100

61 133.1 104.6 156.8

98 63.5 50.8 76.2



#22

Diisopropyl ether

Concen: 147.55 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tgt Ion: 45 Resp: 1117588

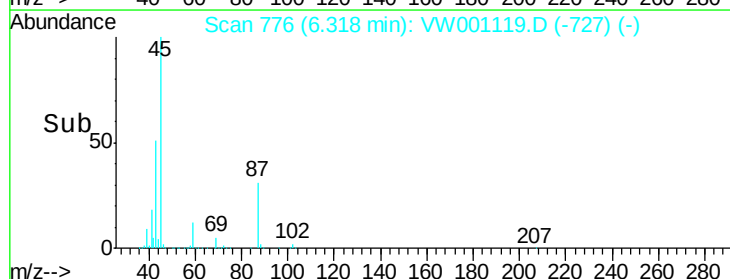
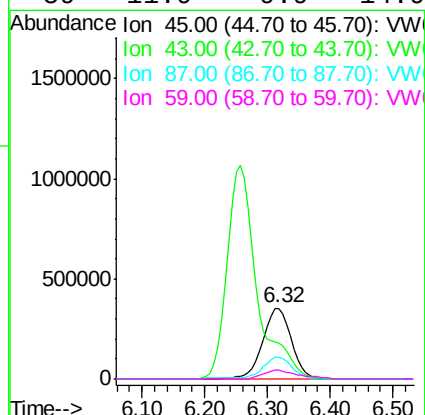
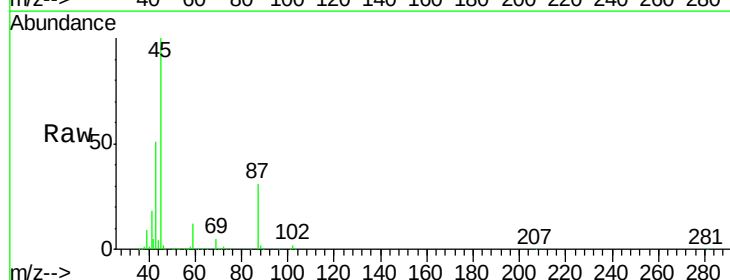
Ion Ratio Lower Upper

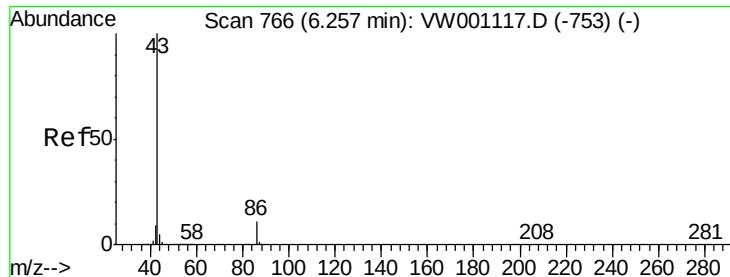
45 100

43 51.4 41.6 62.4

87 31.0 24.5 36.7

59 11.9 9.9 14.9





#23

Vinyl Acetate

Concen: 776.13 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

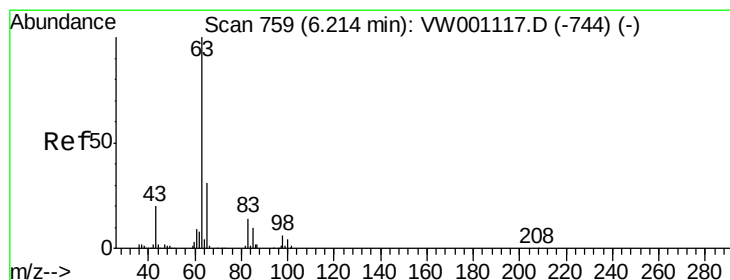
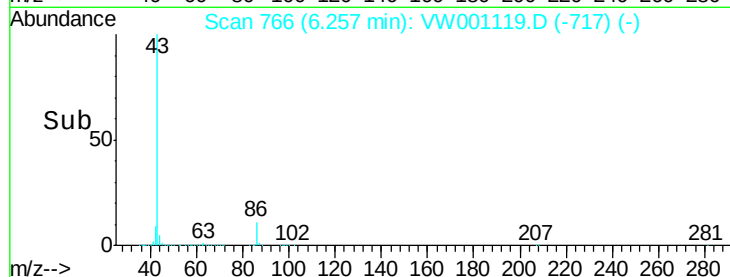
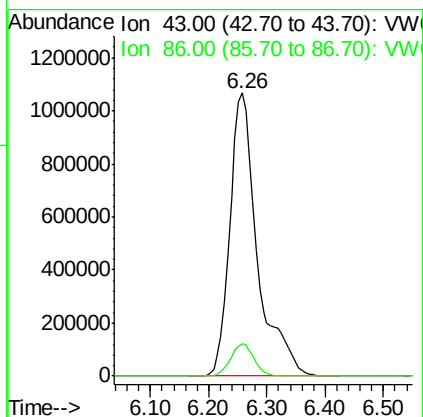
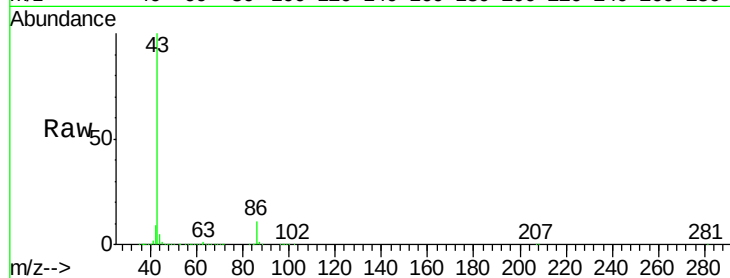
VSTDIC150

Tgt Ion: 43 Resp: 3522064

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.6



#24

1,1-Dichloroethane

Concen: 142.67 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

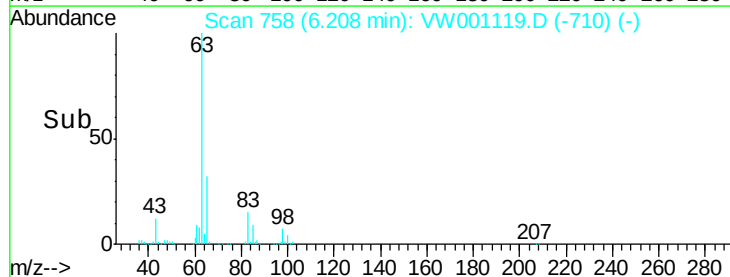
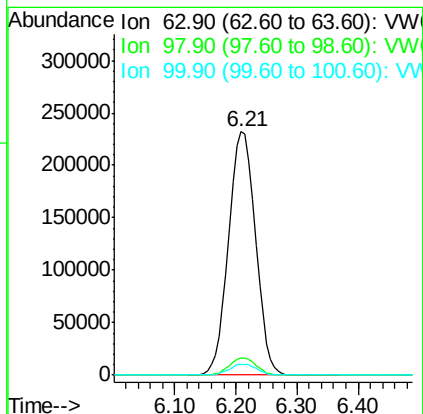
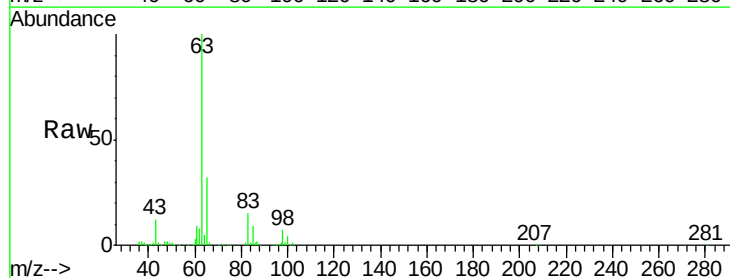
Tgt Ion: 63 Resp: 705157

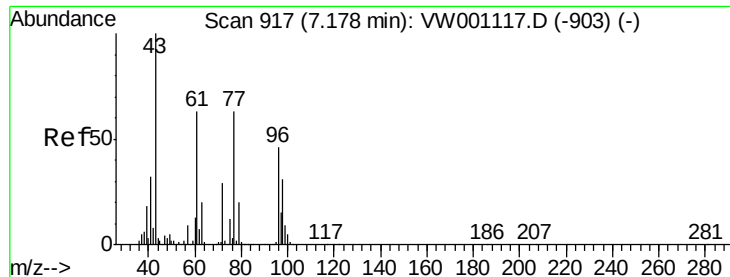
Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 752.62 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

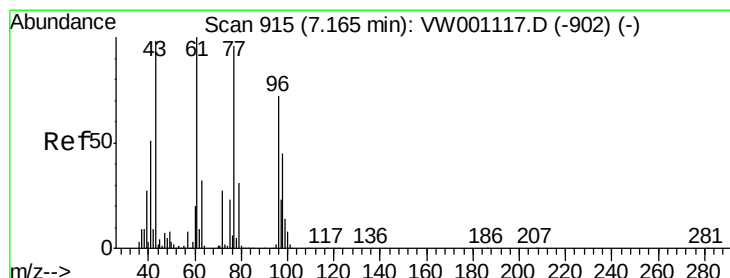
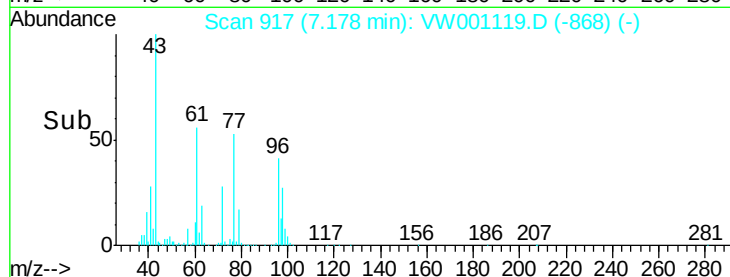
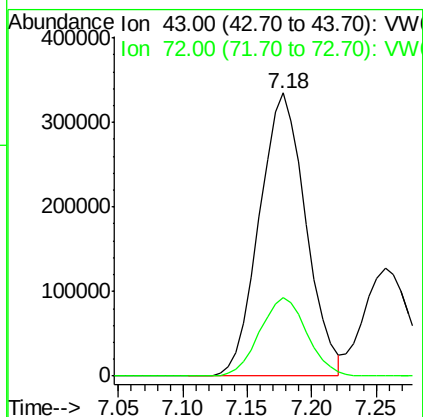
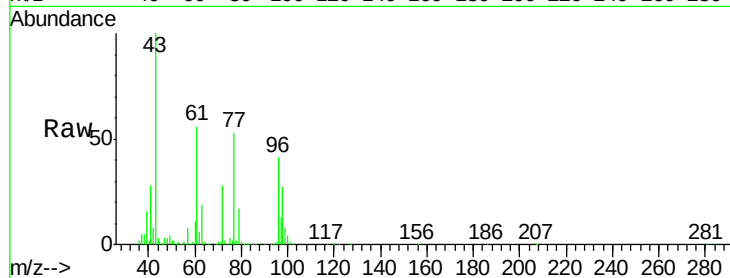
VSTDIC150

Tgt Ion: 43 Resp: 839632

Ion Ratio Lower Upper

43 100

72 27.7 22.8 34.2



#26

2,2-Dichloropropane

Concen: 139.67 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001119.D

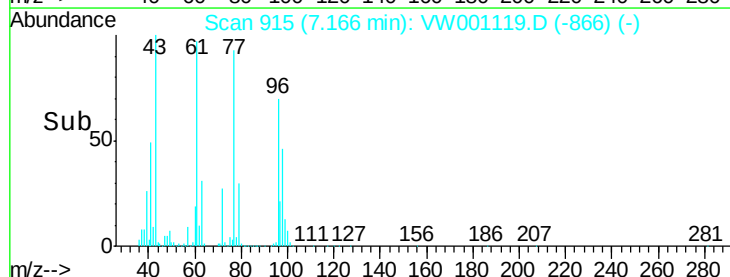
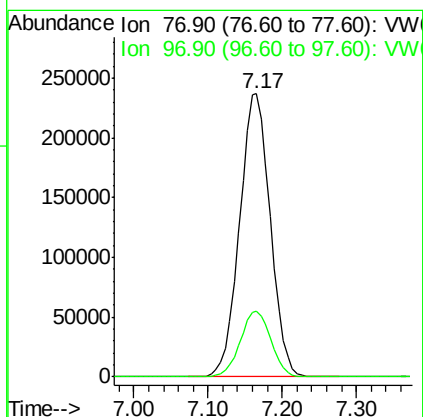
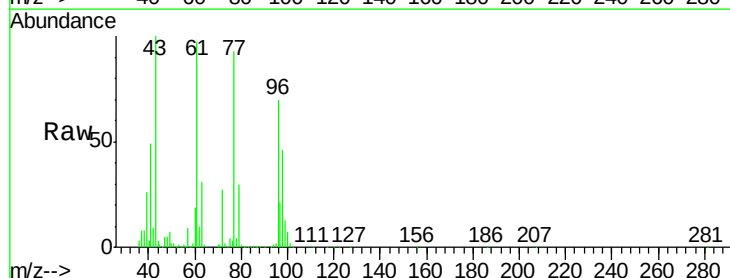
Acq: 29 Jan 2018 14:08

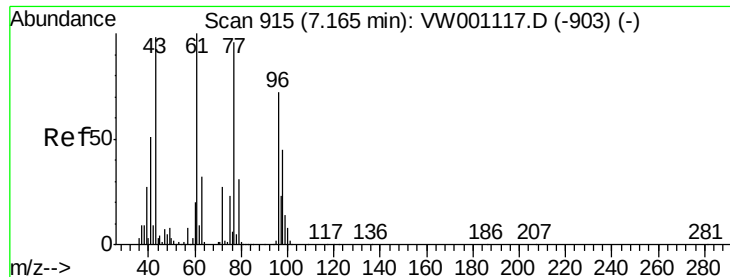
Tgt Ion: 77 Resp: 682837

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 146.74 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

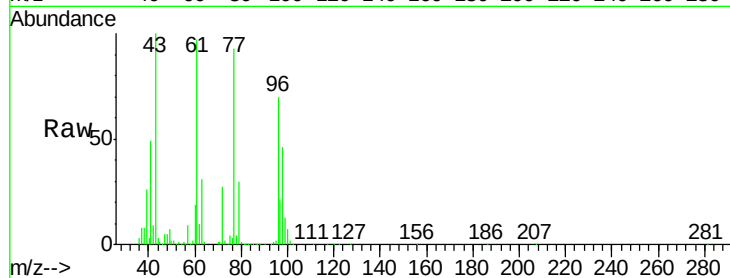
Tgt Ion: 96 Resp: 462564

Ion Ratio Lower Upper

96 100

61 140.6 0.0 280.4

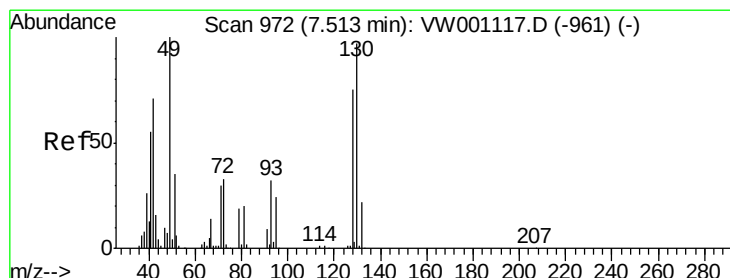
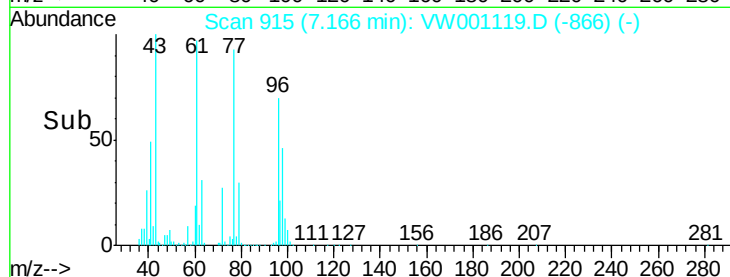
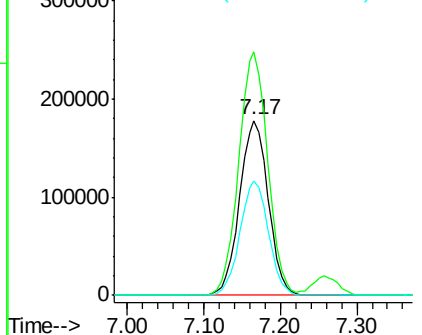
98 65.0 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 145.51 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

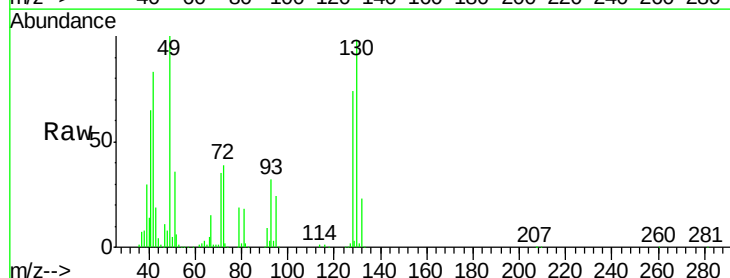
Tgt Ion: 49 Resp: 292316

Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.6

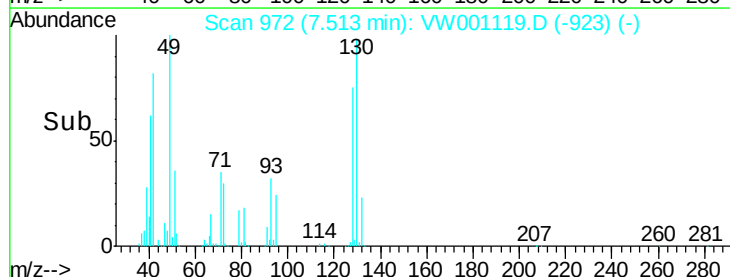
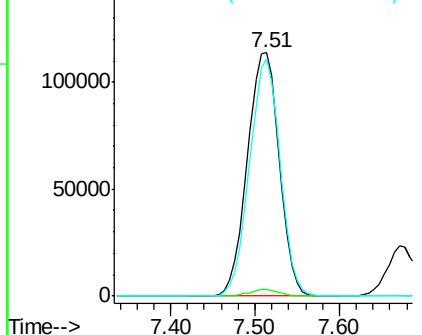
130 93.5 75.5 113.3

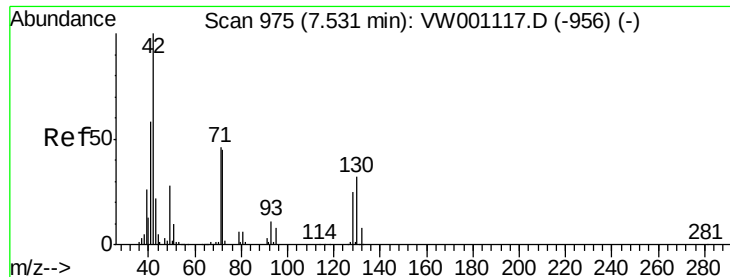


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 755.07 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampled :

VSTDICC150

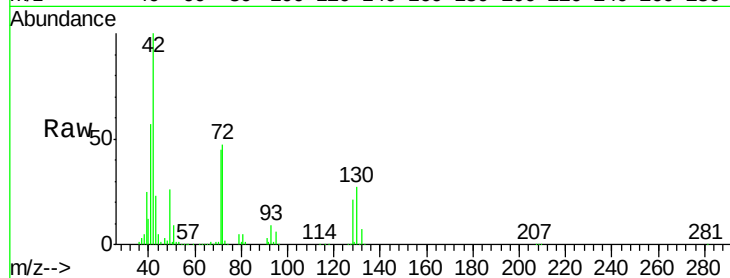
Tgt Ion: 42 Resp: 481052

Ion Ratio Lower Upper

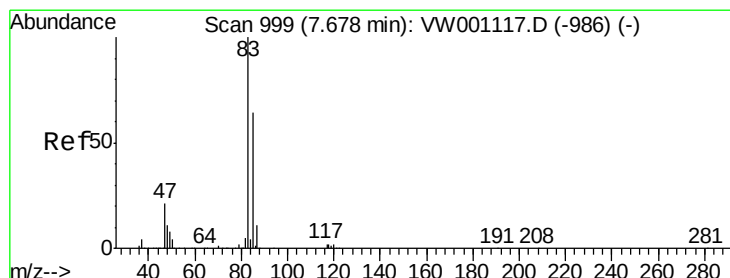
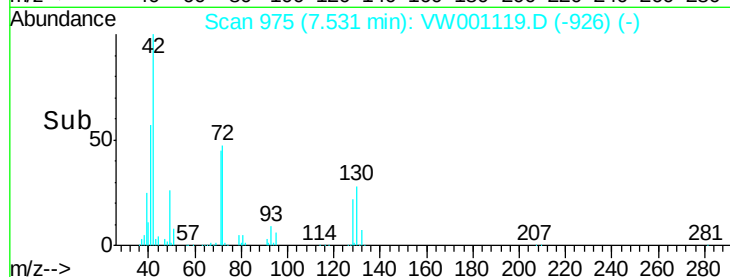
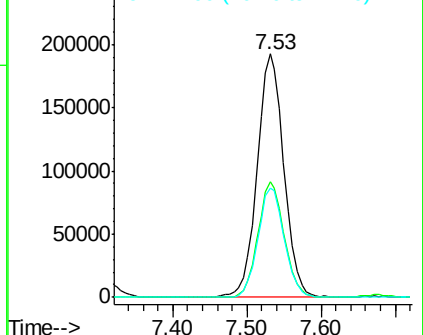
42 100

72 46.8 36.8 55.2

71 44.4 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: 141.89 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW001119.D

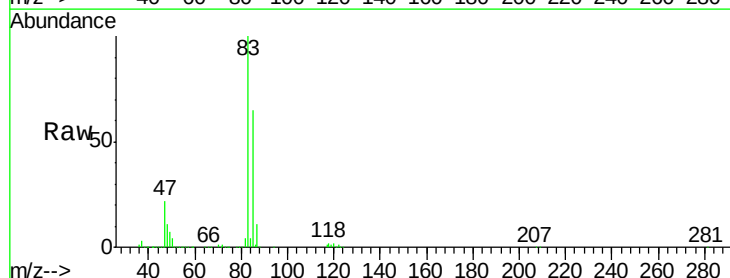
Acq: 29 Jan 2018 14:08

Tgt Ion: 83 Resp: 759933

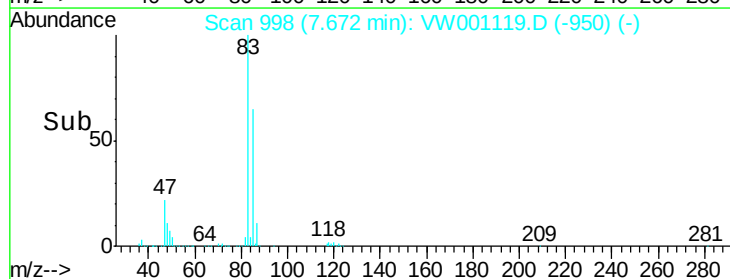
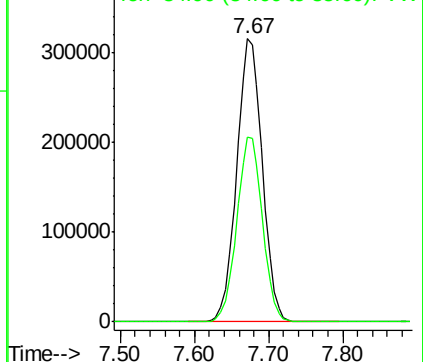
Ion Ratio Lower Upper

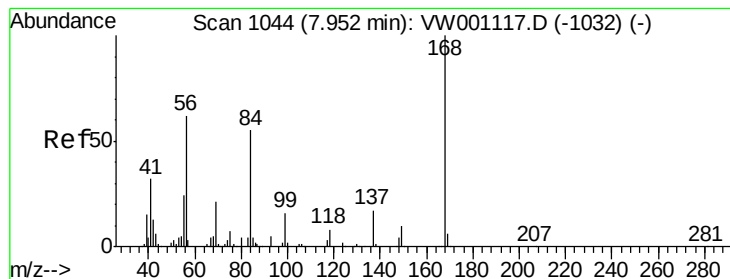
83 100

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: 136.55 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

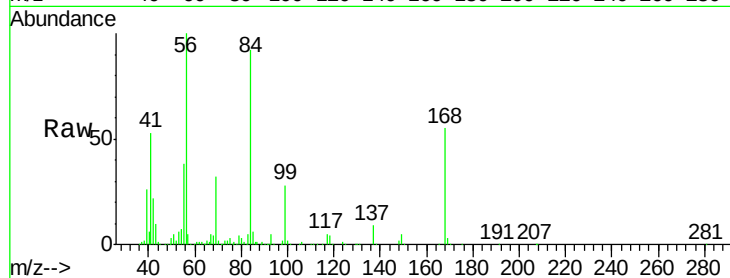
Tgt Ion: 56 Resp: 654957

Ion Ratio Lower Upper

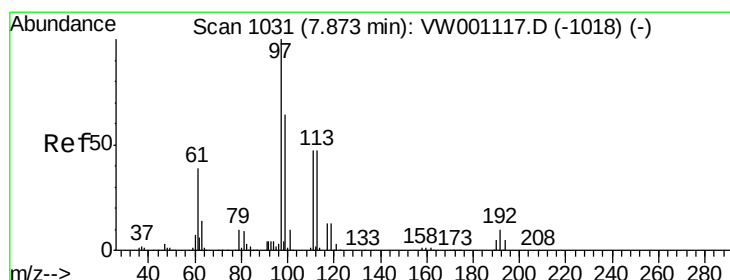
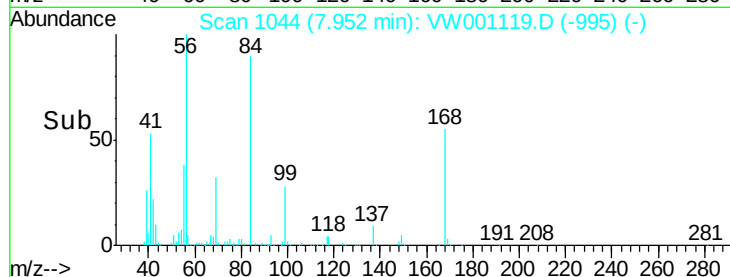
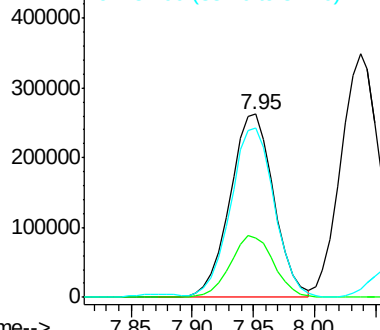
56 100

69 32.4 27.4 41.0

84 90.4 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: 144.20 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

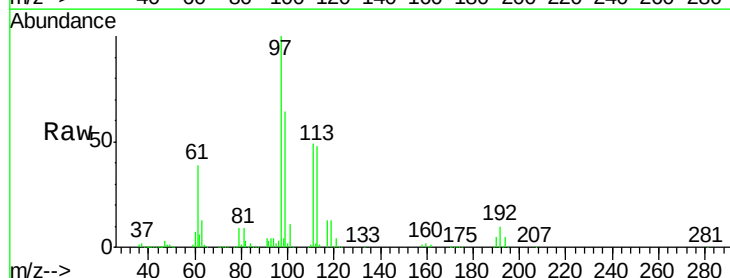
Tgt Ion: 97 Resp: 730741

Ion Ratio Lower Upper

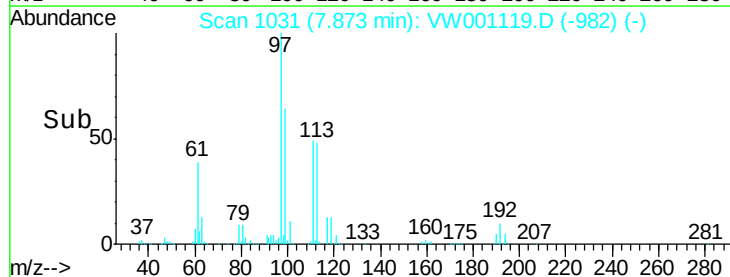
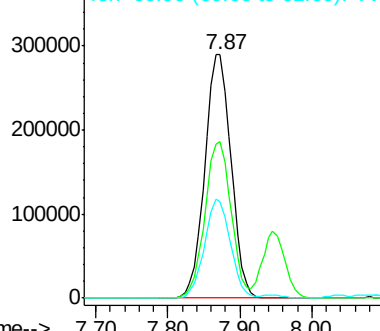
97 100

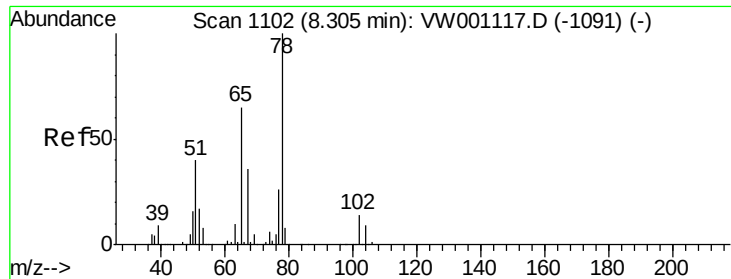
99 64.7 51.4 77.2

61 40.1 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

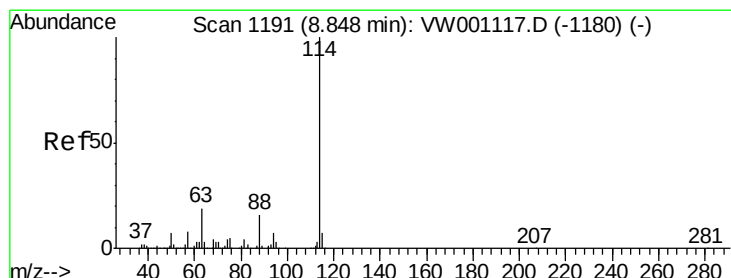
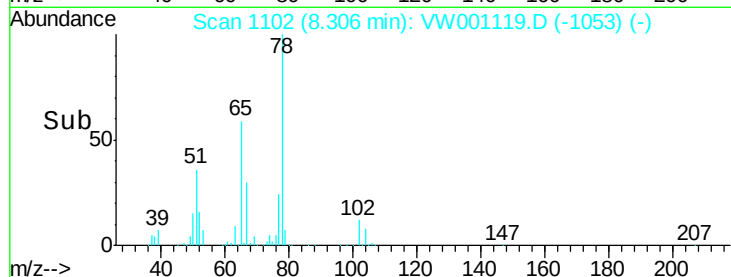
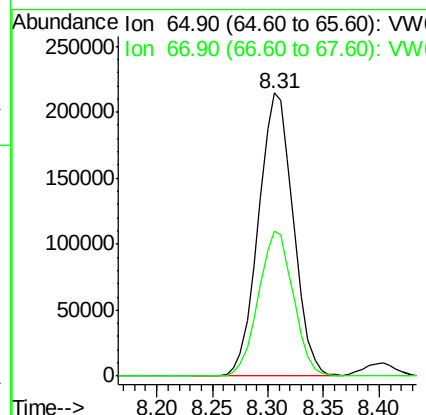
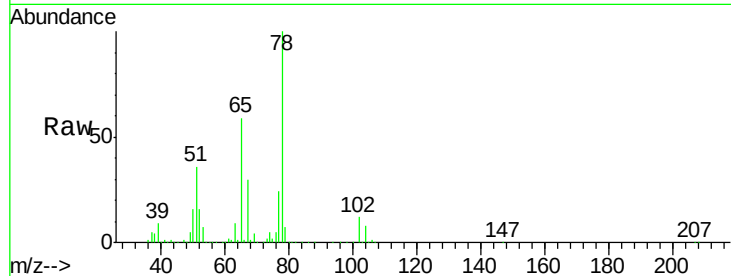




#33
 1,2-Dichloroethane-d4
 Concen: 144.29 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

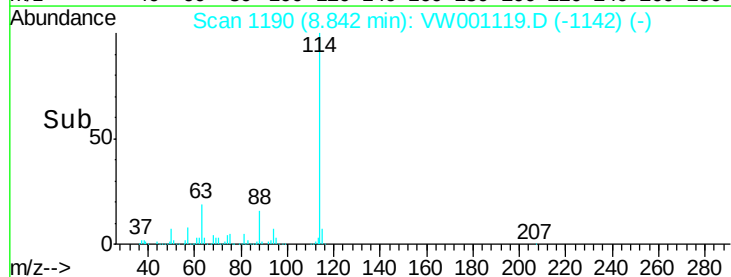
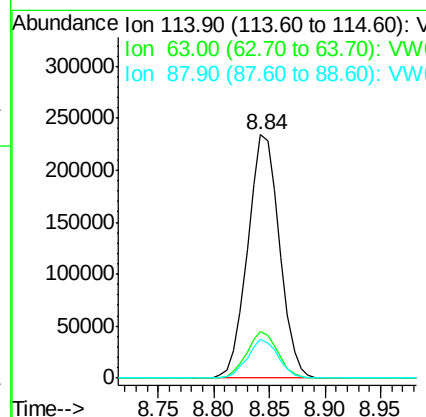
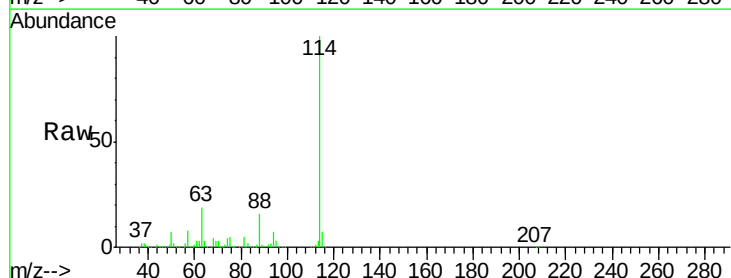
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

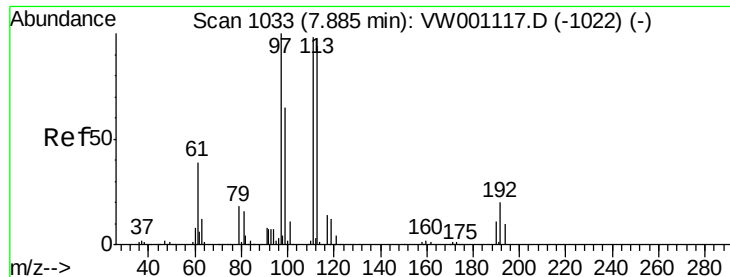
Tgt Ion: 65 Resp: 466396
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion: 114 Resp: 464240
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.2
 88 15.9 0.0 31.0

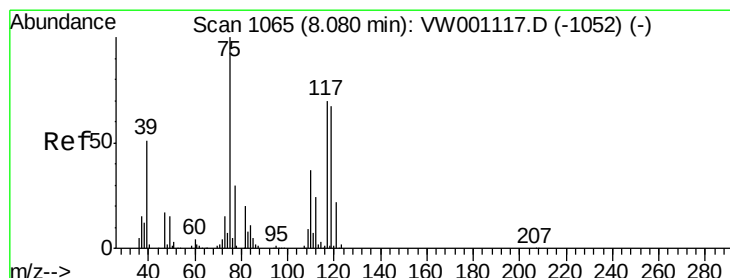
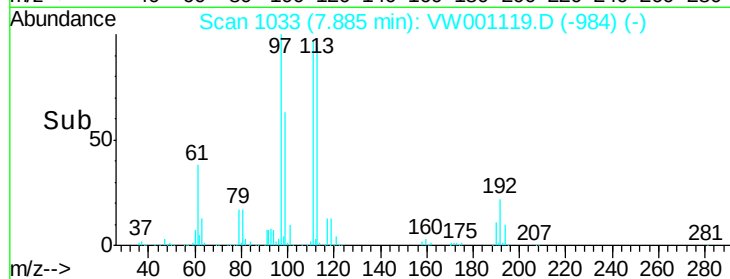
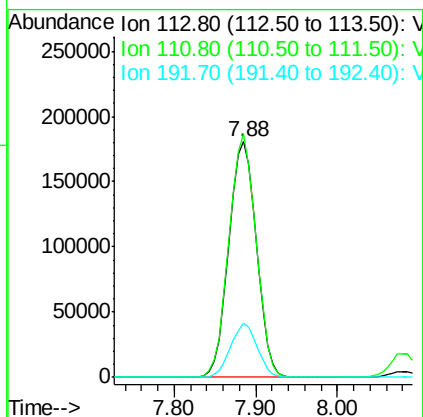
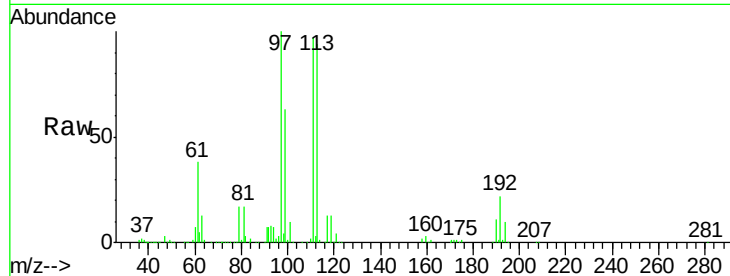




#35
 Dibromofluoromethane
 Concen: 142.01 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

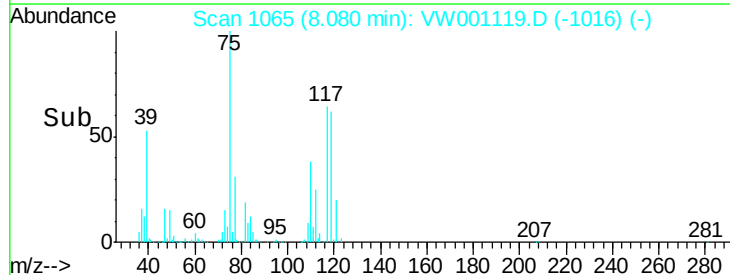
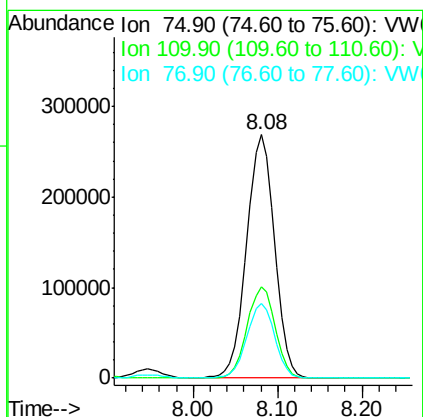
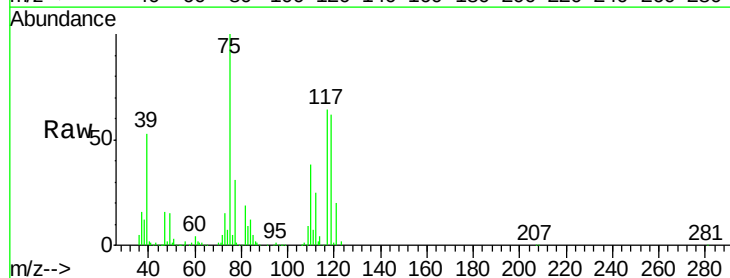
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

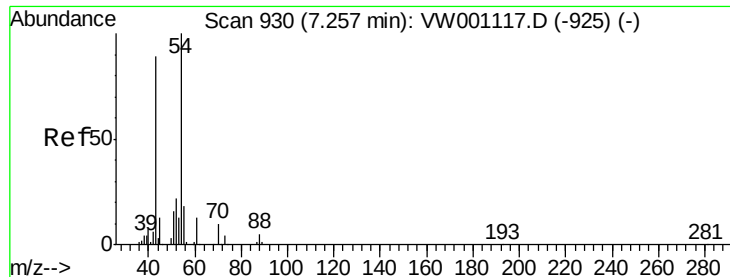
Tgt Ion: 113 Resp: 421690
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.1 124.7
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 143.68 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion: 75 Resp: 602177
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.7 56.1
 77 30.8 24.6 37.0

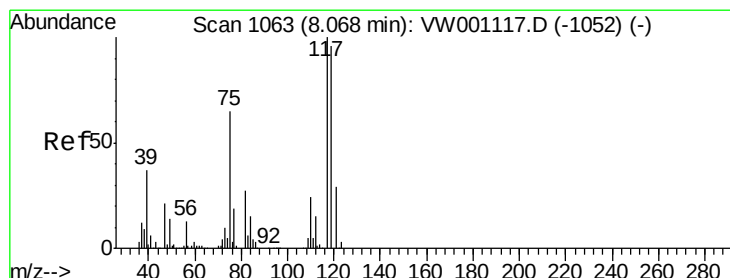
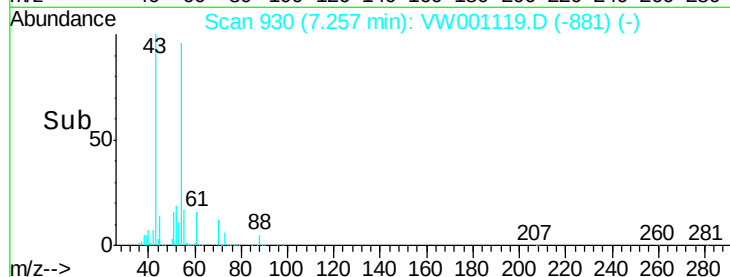
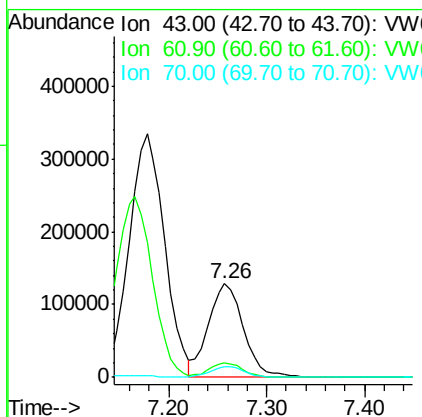
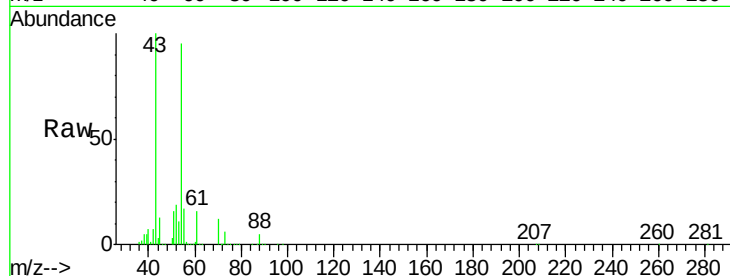




#37
Ethyl Acetate
Concen: 144.20 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

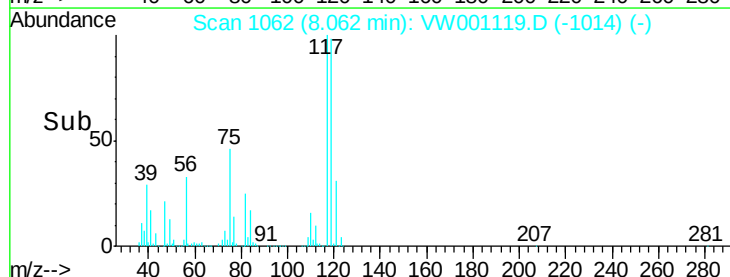
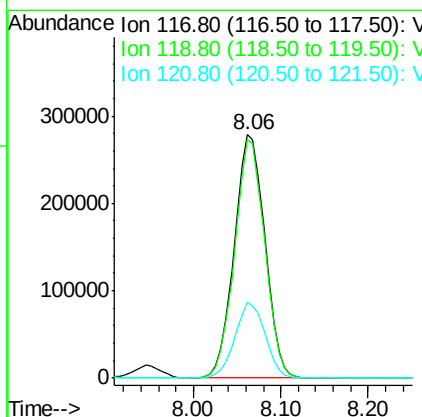
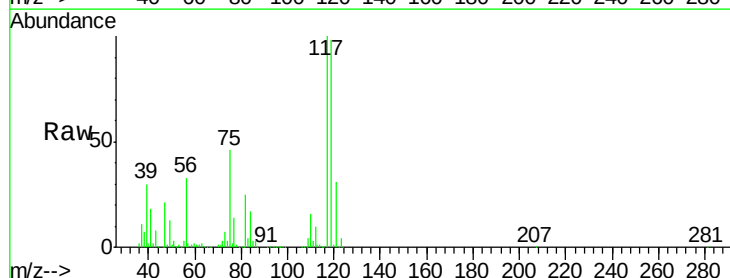
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

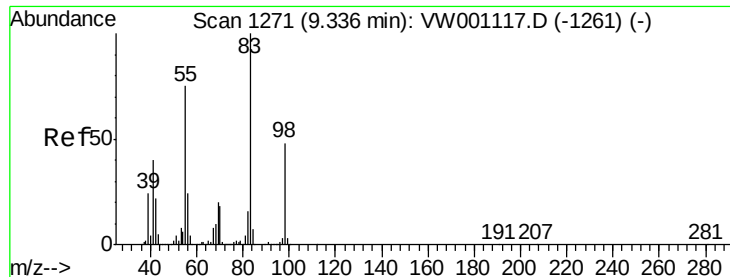
Tgt Ion: 43 Resp: 319531
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 11.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 144.84 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 117 Resp: 677995
Ion Ratio Lower Upper
117 100
119 97.9 77.0 115.4
121 31.0 23.5 35.3

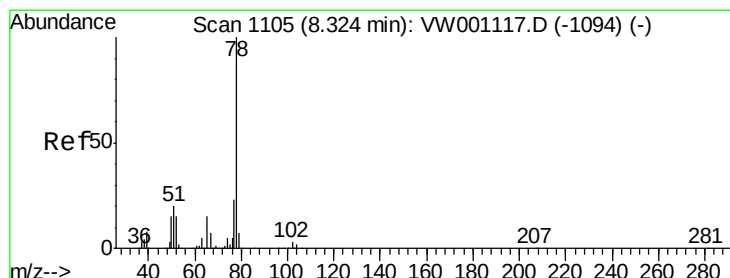
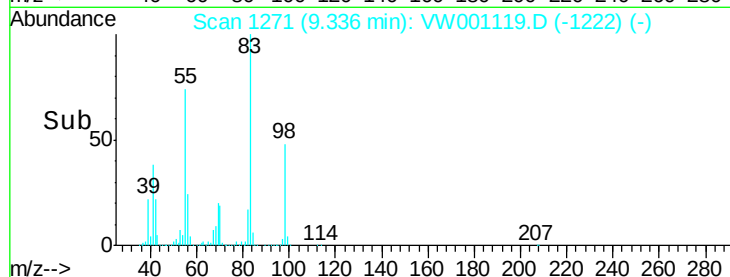
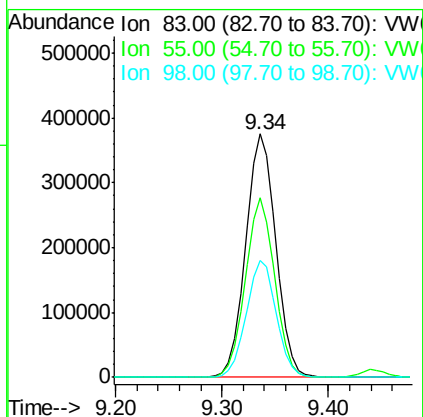
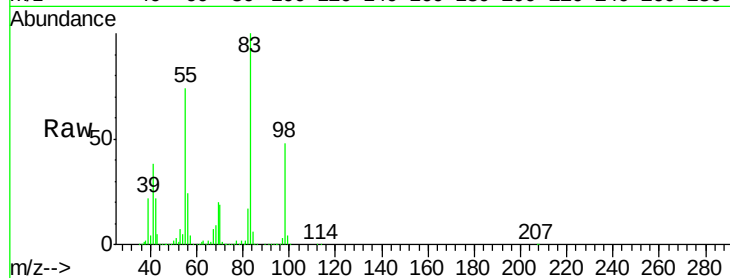




#39
Methylcyclohexane
Concen: 150.28 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

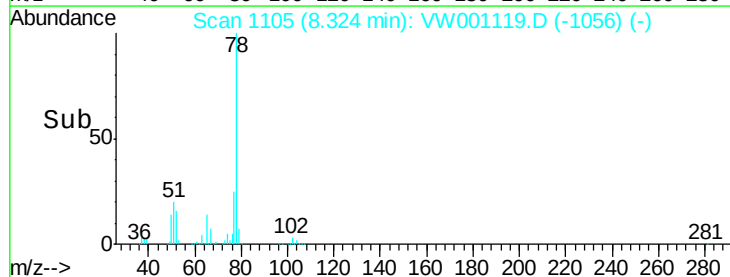
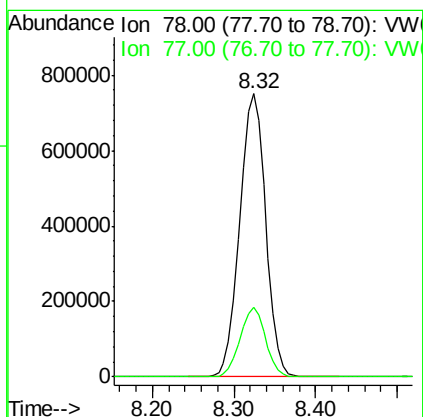
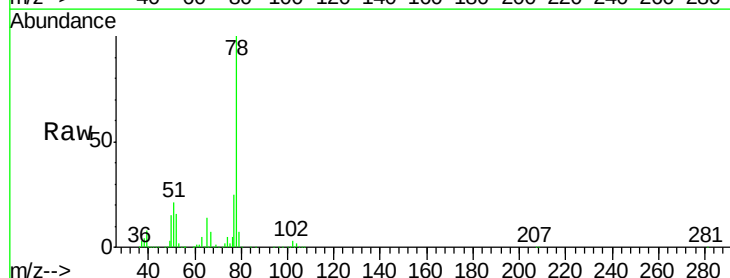
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

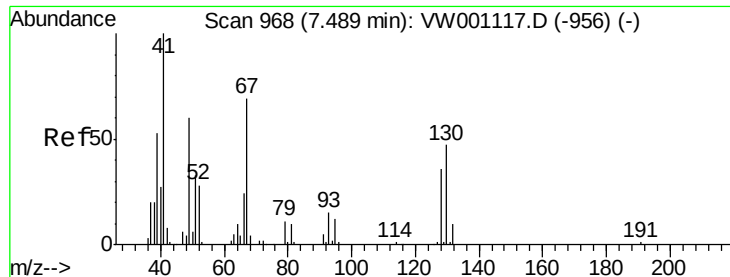
Tgt Ion: 83 Resp: 743693
Ion Ratio Lower Upper
83 100
55 73.7 59.7 89.5
98 48.2 38.0 57.0



#40
Benzene
Concen: 142.42 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 78 Resp: 1652727
Ion Ratio Lower Upper
78 100
77 24.7 18.6 28.0

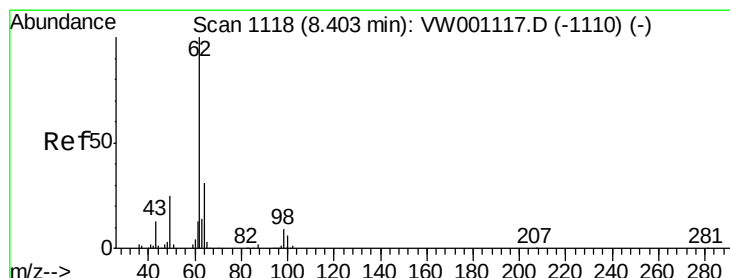
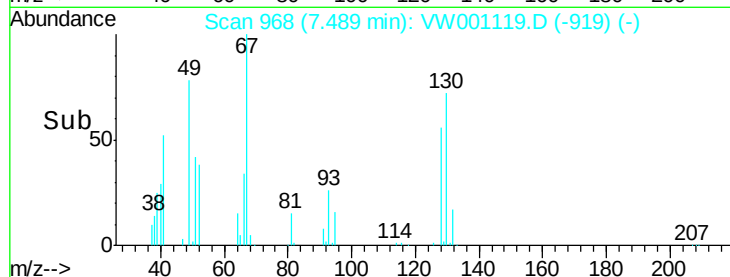
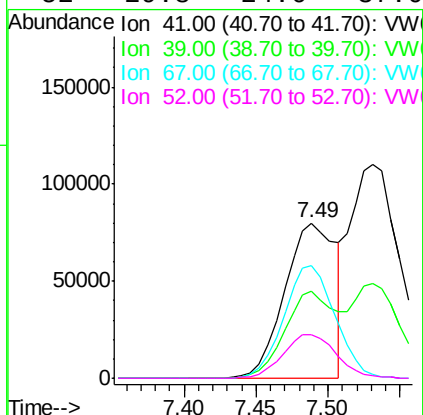
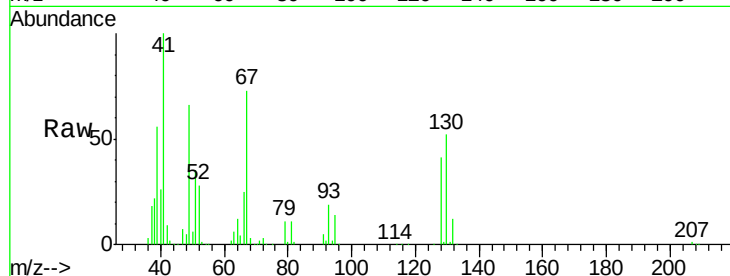




#41
Methacrylonitrile
Concen: 161.07 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

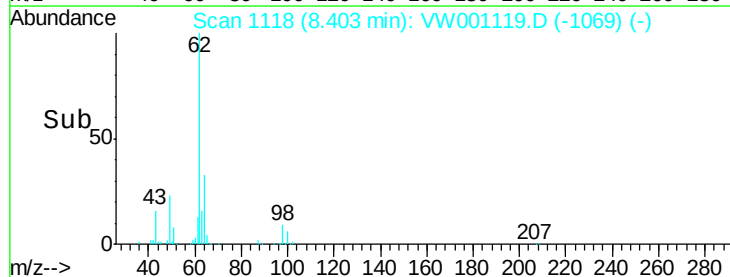
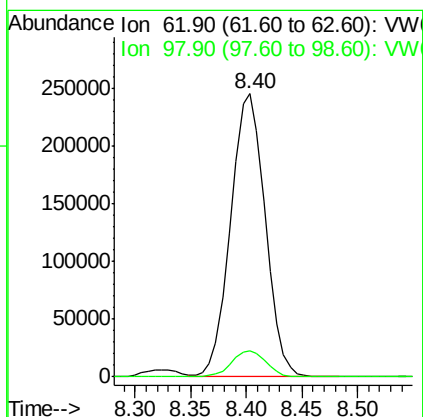
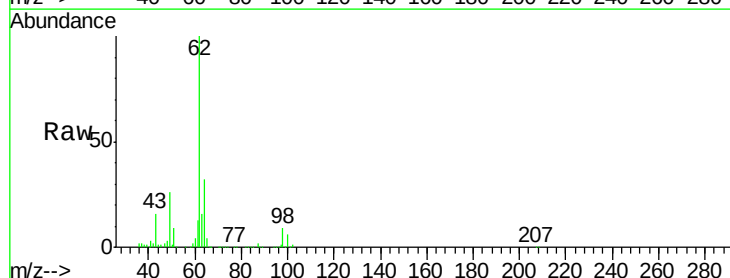
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

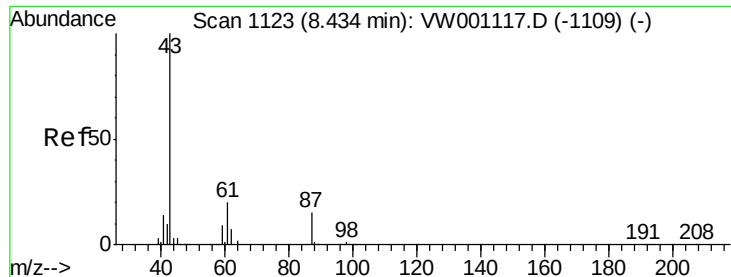
Tgt Ion:	41	Resp:	197979
Ion	Ratio	Lower	Upper
41	100		
39	53.9	48.8	73.2
67	72.5	59.6	89.4
52	29.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 144.58 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion:	62	Resp:	527553
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 156.77 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

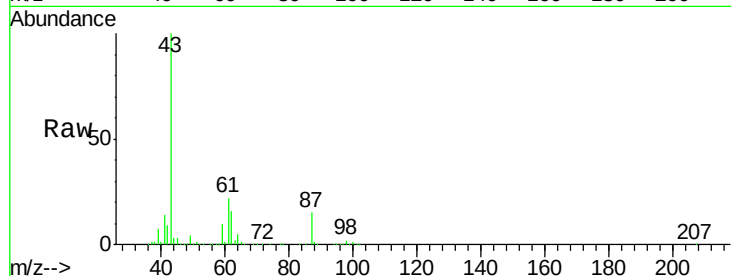
Tgt Ion: 43 Resp: 597571

Ion Ratio Lower Upper

43 100

61 30.1 23.9 35.9

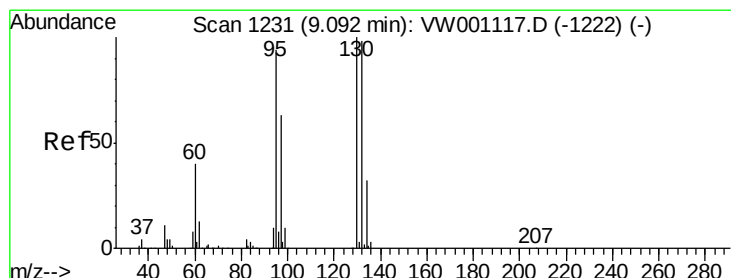
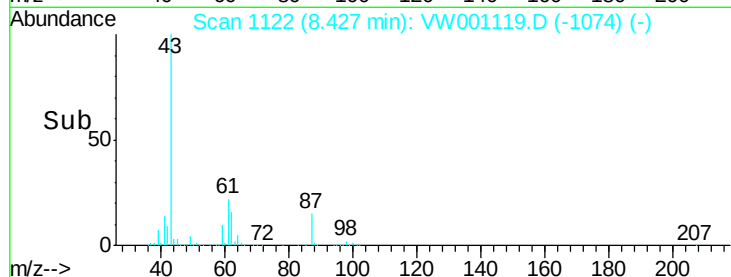
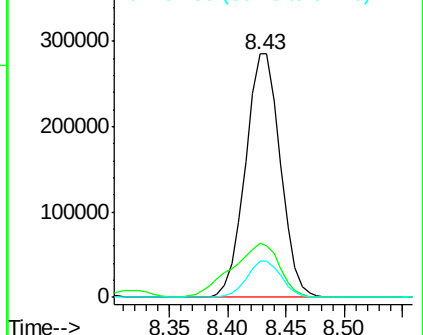
87 14.7 12.0 18.0



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: 142.11 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW001119.D

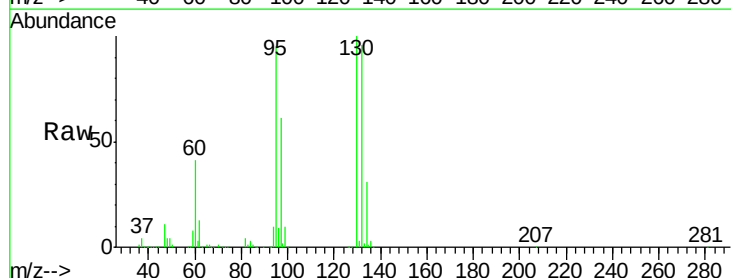
Acq: 29 Jan 2018 14:08

Tgt Ion: 130 Resp: 495142

Ion Ratio Lower Upper

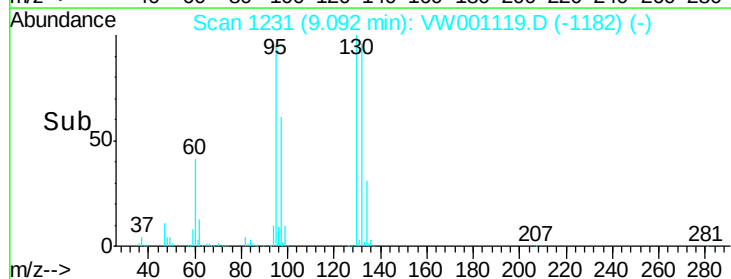
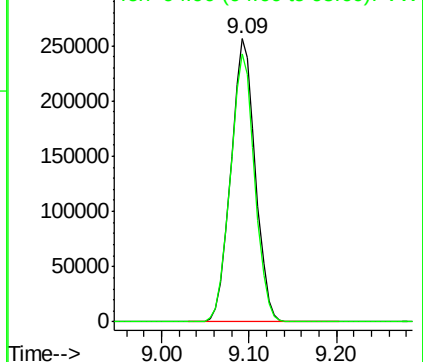
130 100

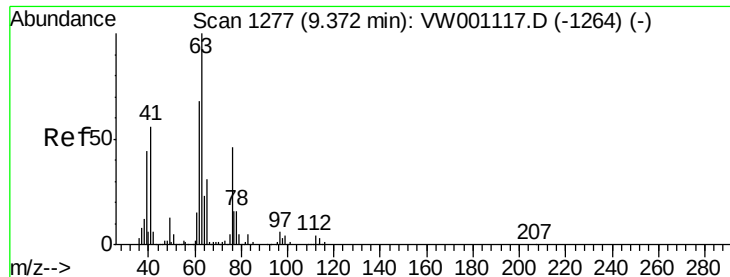
95 94.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 145.89 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

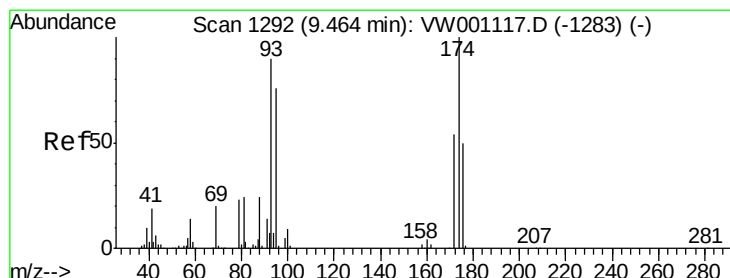
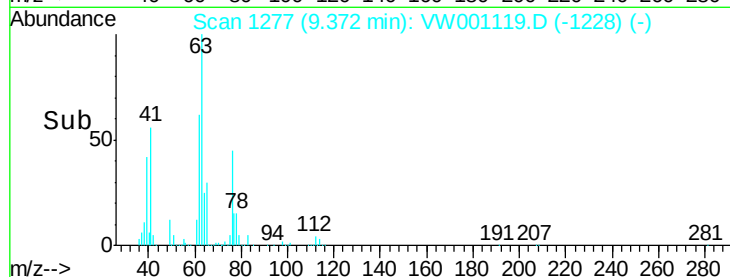
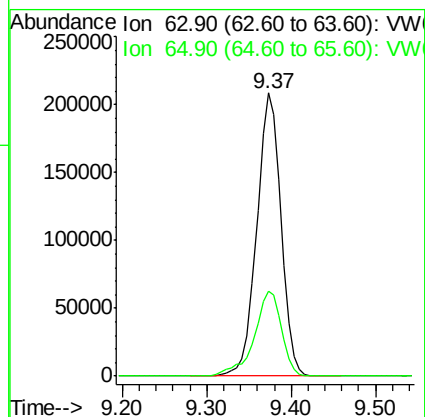
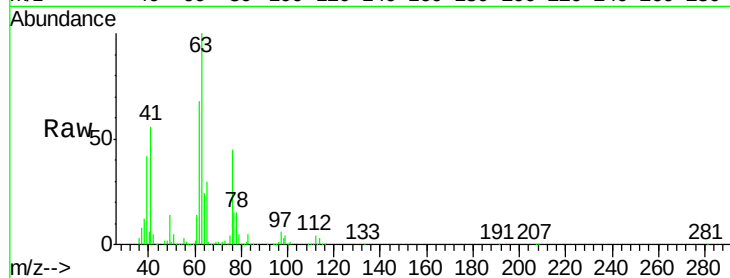
VSTDIC150

Tgt Ion: 63 Resp: 407668

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#46

Dibromomethane

Concen: 144.46 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

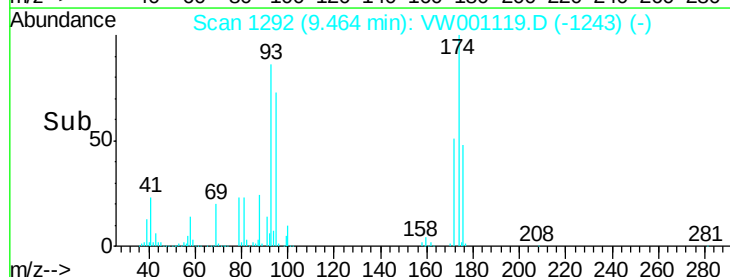
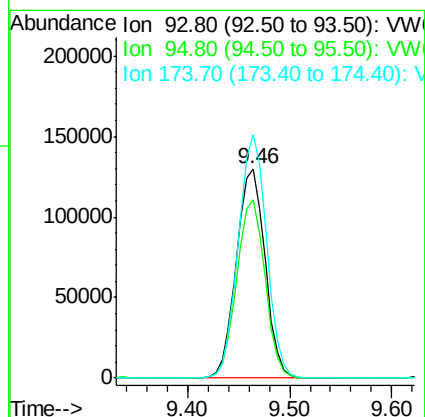
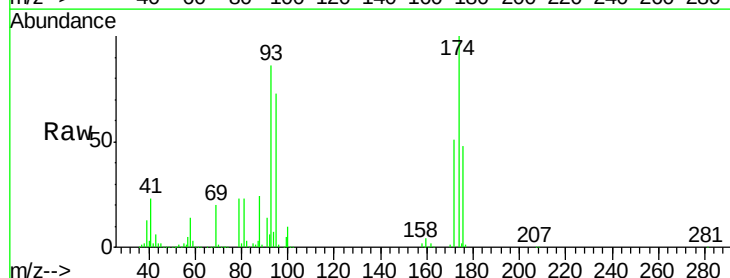
Tgt Ion: 93 Resp: 252432

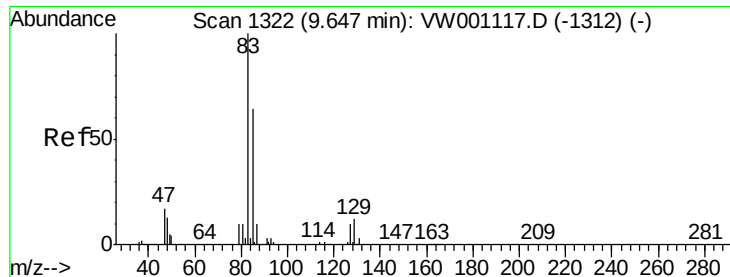
Ion Ratio Lower Upper

93 100

95 84.1 66.5 99.7

174 114.8 89.5 134.3





#47

Bromodichloromethane

Concen: 150.08 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

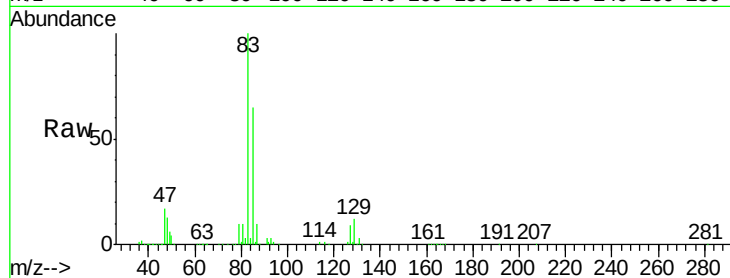
Tgt Ion: 83 Resp: 593352

Ion Ratio Lower Upper

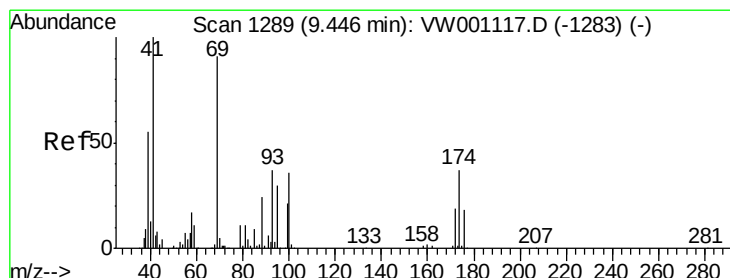
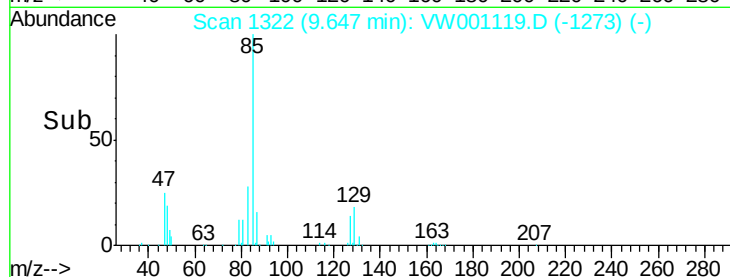
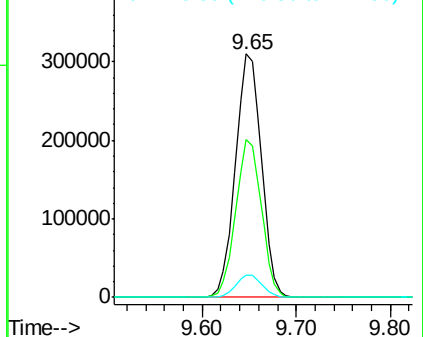
83 100

85 64.8 51.5 77.3

127 9.0 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: 160.86 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

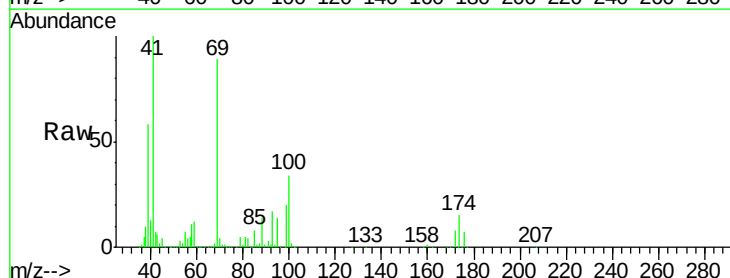
Tgt Ion: 41 Resp: 293091

Ion Ratio Lower Upper

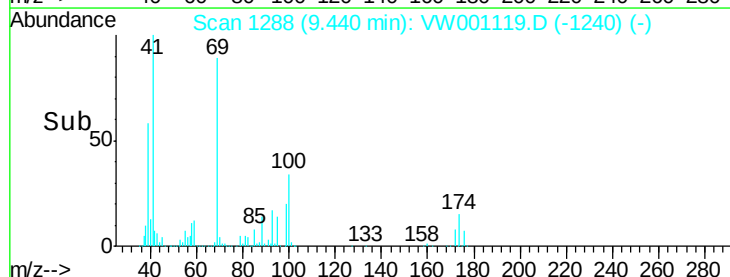
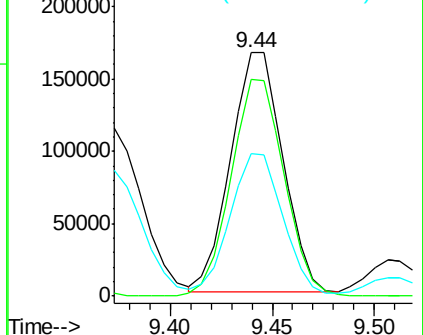
41 100

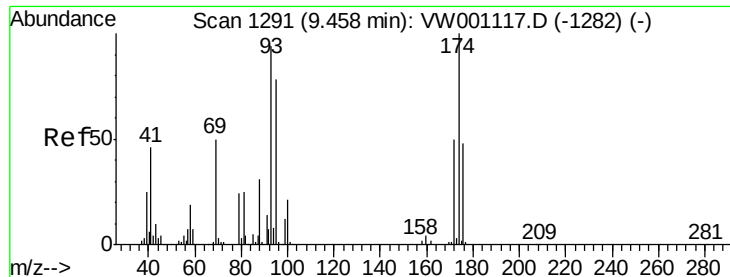
69 92.9 74.9 112.3

39 61.0 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: 3033.57 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

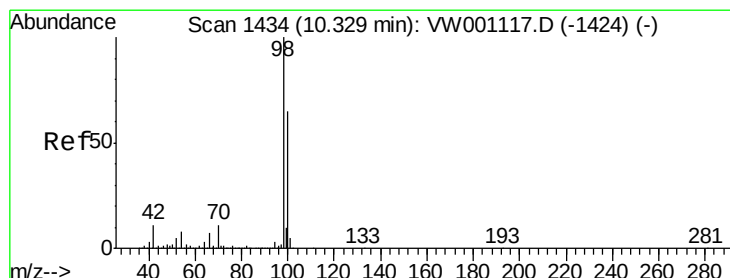
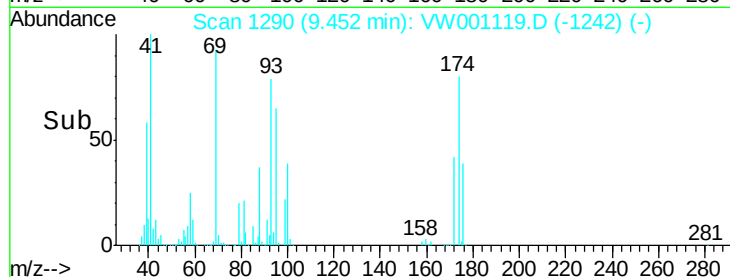
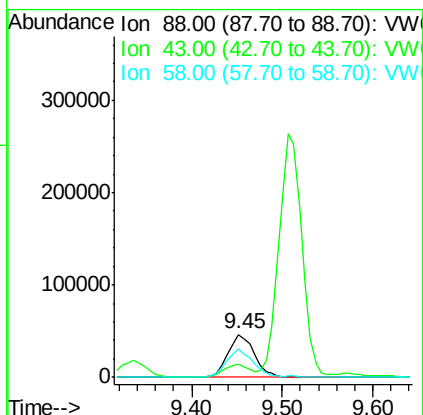
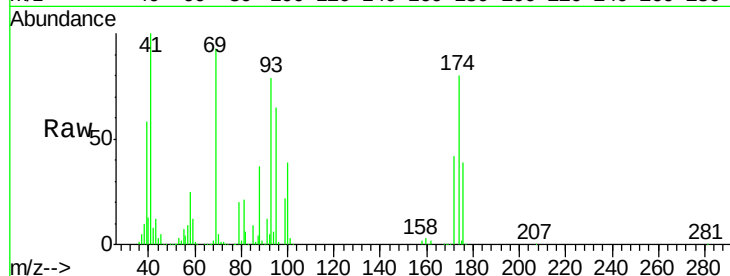
Tgt Ion: 88 Resp: 94460

Ion Ratio Lower Upper

88 100

43 29.7 23.0 34.6

58 67.0 53.9 80.9



#50

Toluene-d8

Concen: 145.04 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW001119.D

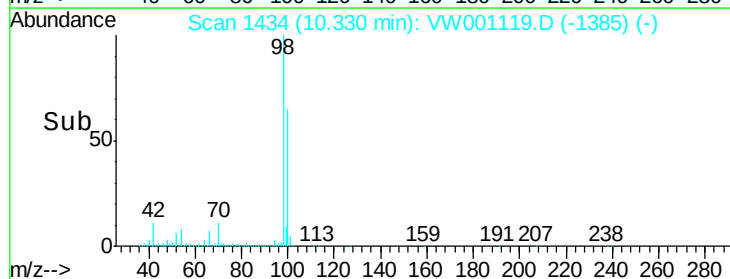
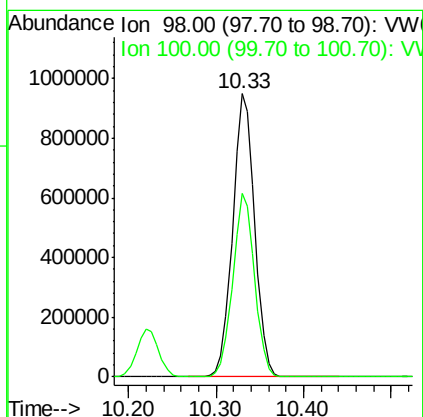
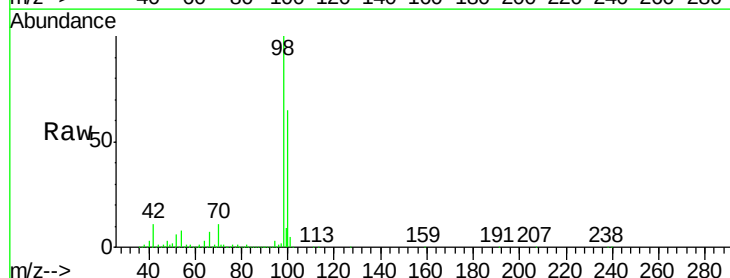
Acq: 29 Jan 2018 14:08

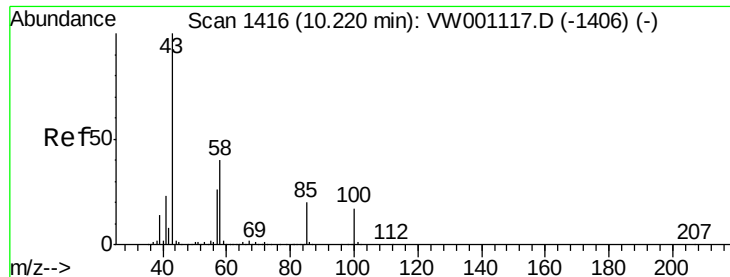
Tgt Ion: 98 Resp: 1657678

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9

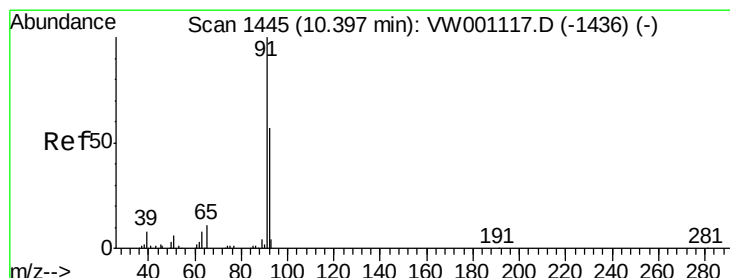
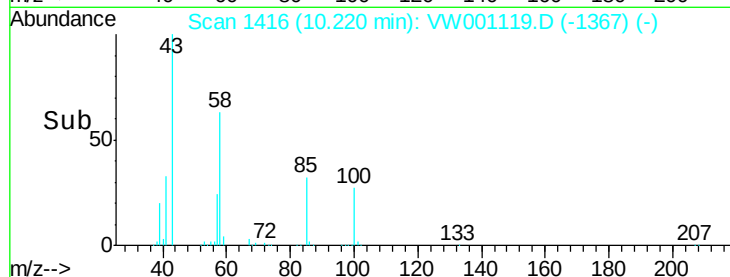
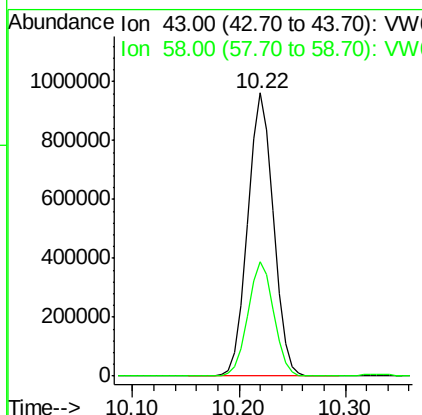
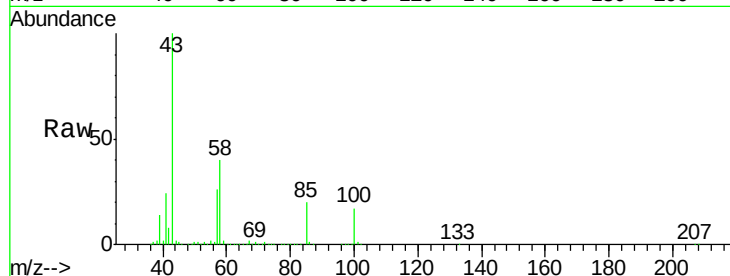




#51
 4-Methyl-2-Pentanone
 Concen: 782.99 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

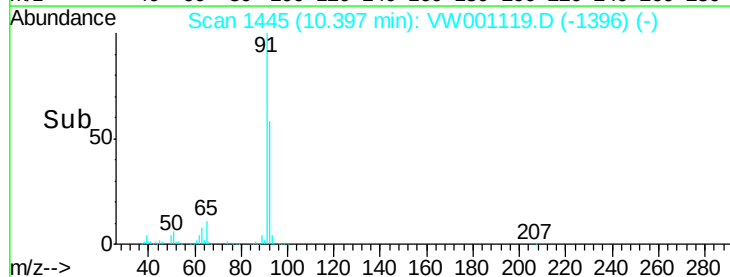
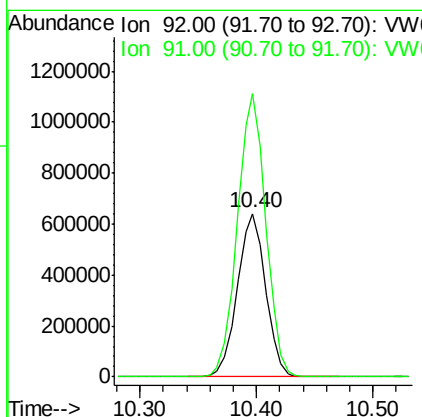
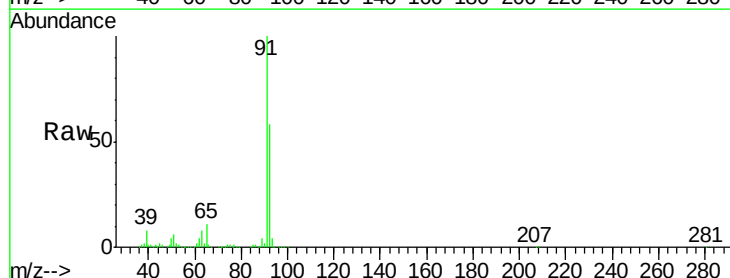
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

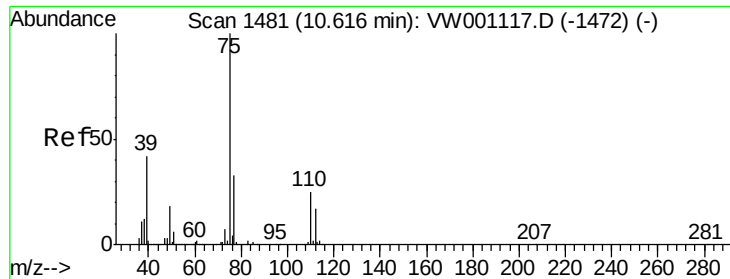
Tgt Ion: 43 Resp: 1630865
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.1 48.1



#52
 Toluene
 Concen: 145.24 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion: 92 Resp: 1082236
 Ion Ratio Lower Upper
 92 100
 91 174.3 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 153.32 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

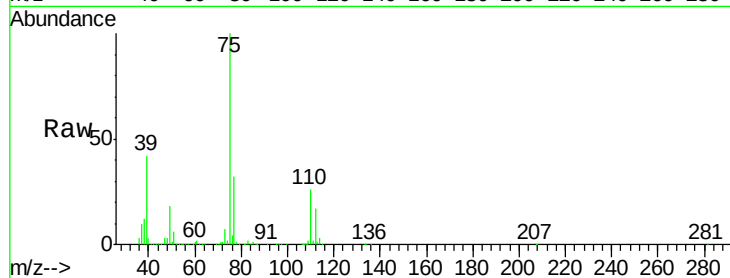
VSTDIC150

Tgt Ion: 75 Resp: 611648

Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.62

400000

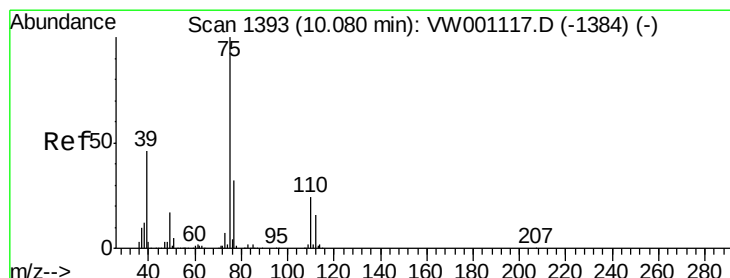
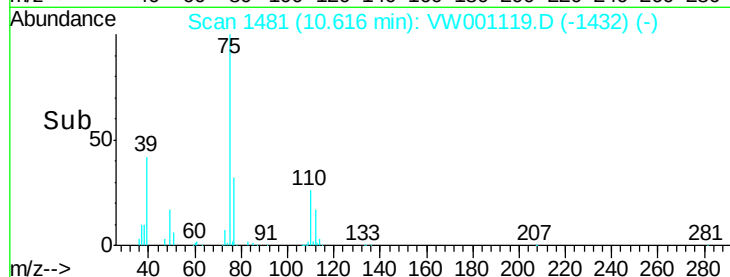
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 150.24 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

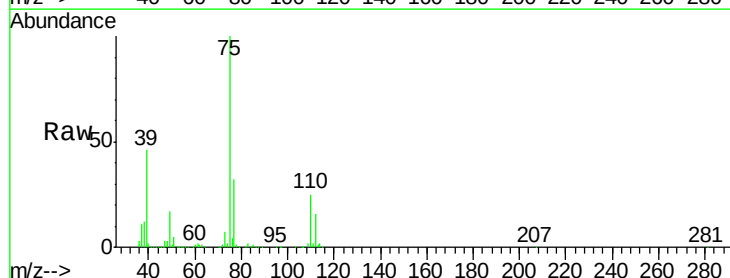
Tgt Ion: 75 Resp: 669106

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 45.6 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

500000

400000

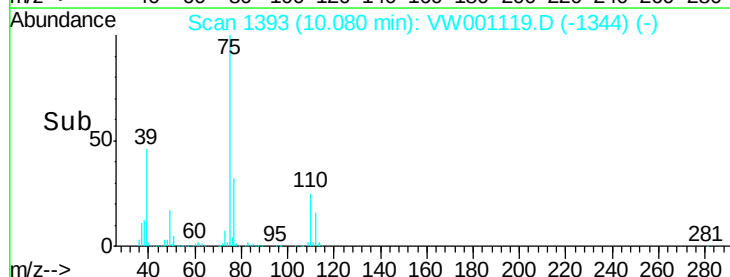
300000

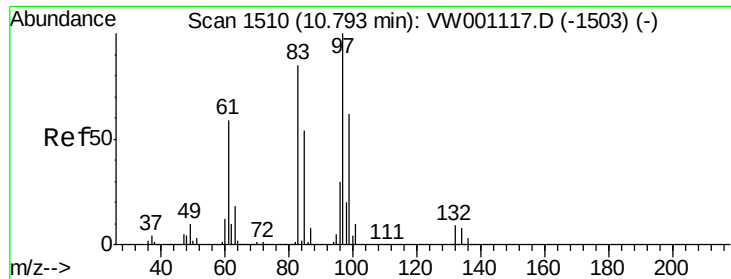
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 145.73 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 363033

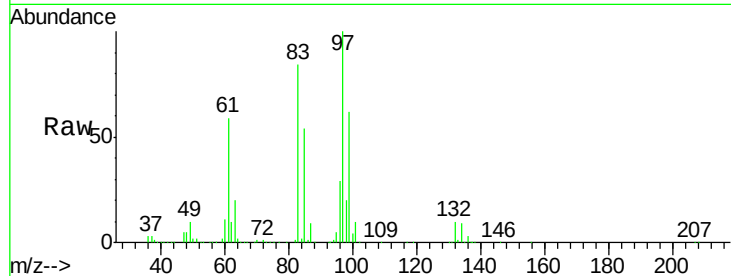
Ion Ratio Lower Upper

97 100

83 84.3 67.7 101.5

85 53.7 43.0 64.6

99 62.4 49.9 74.9

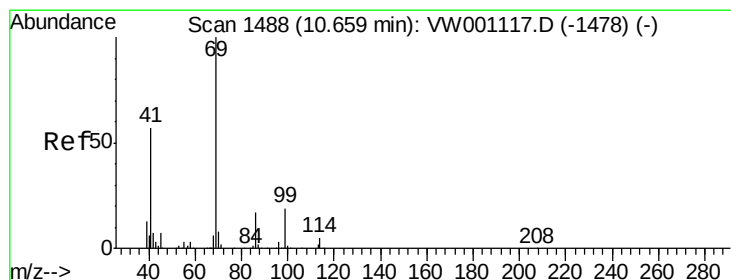
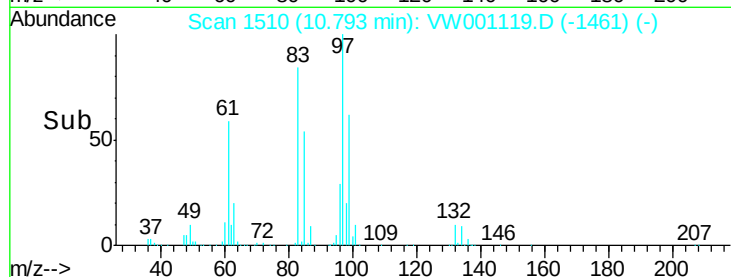
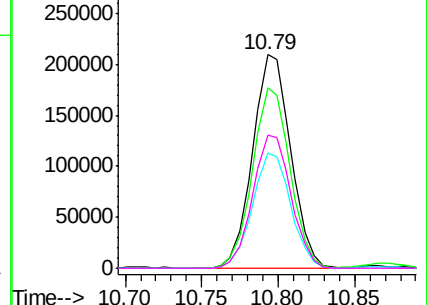


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 166.20 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

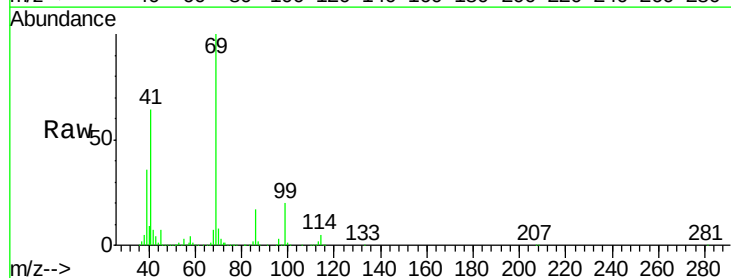
Tgt Ion: 69 Resp: 485357

Ion Ratio Lower Upper

69 100

41 62.8 50.6 75.8

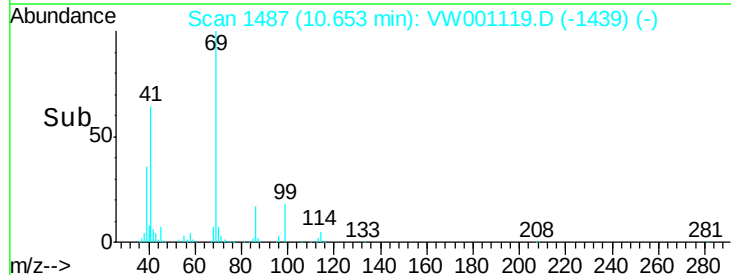
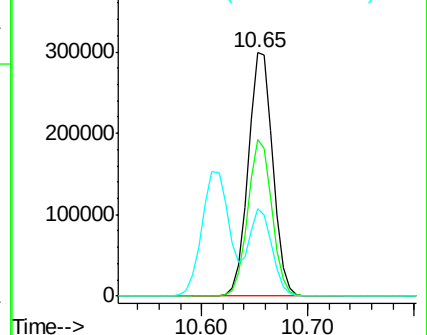
39 34.2 27.5 41.3

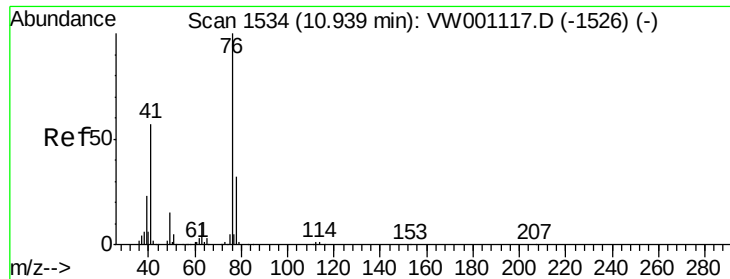


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 147.80 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

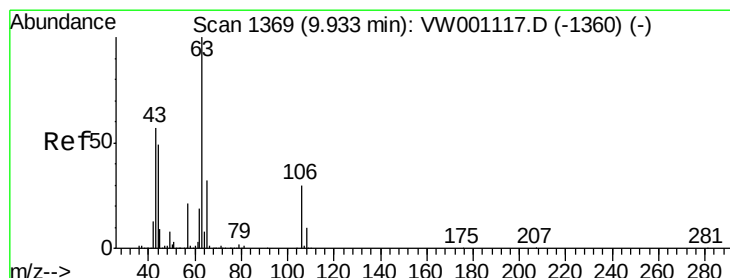
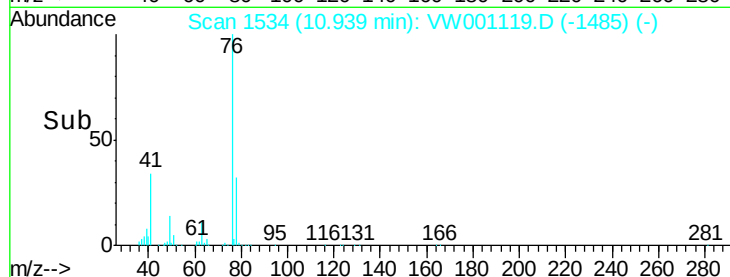
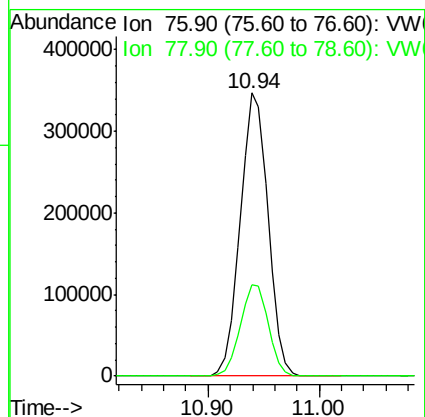
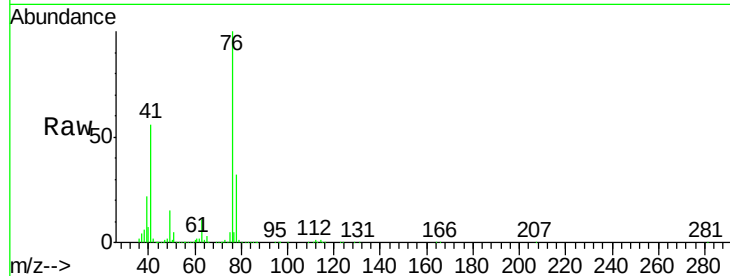
VSTDIC150

Tgt Ion: 76 Resp: 598573

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 750.39 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW001119.D

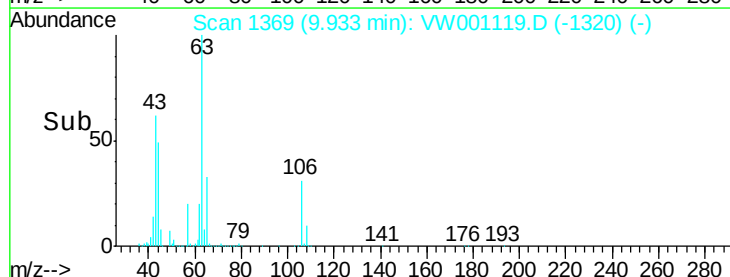
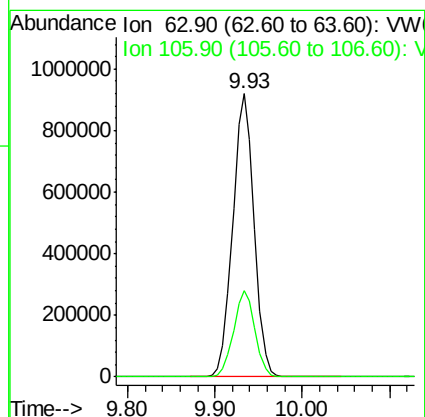
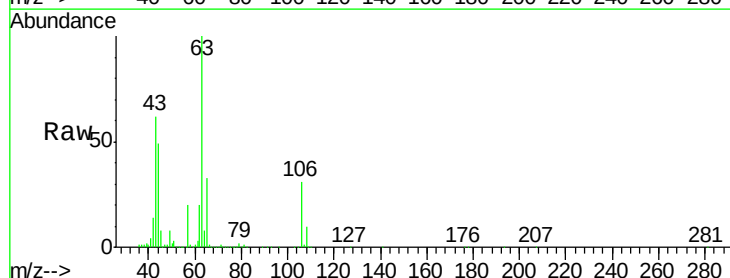
Acq: 29 Jan 2018 14:08

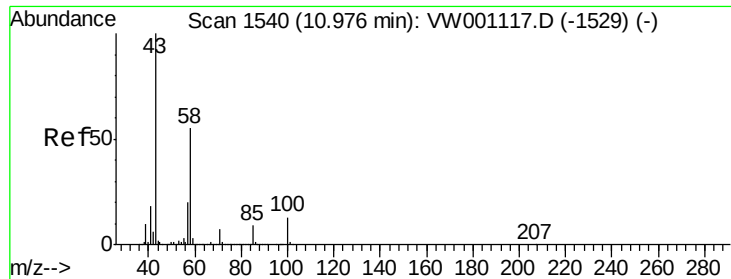
Tgt Ion: 63 Resp: 1556921

Ion Ratio Lower Upper

63 100

106 30.6 24.2 36.4

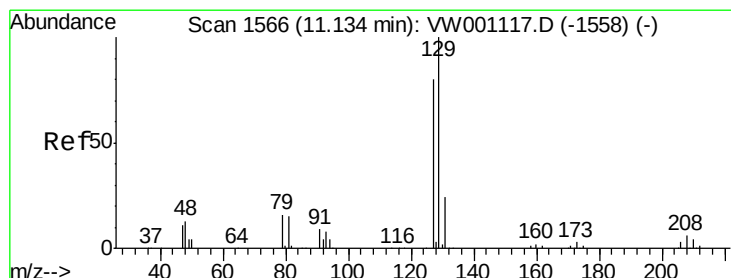
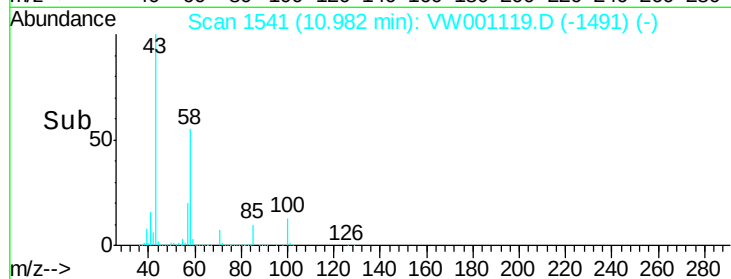
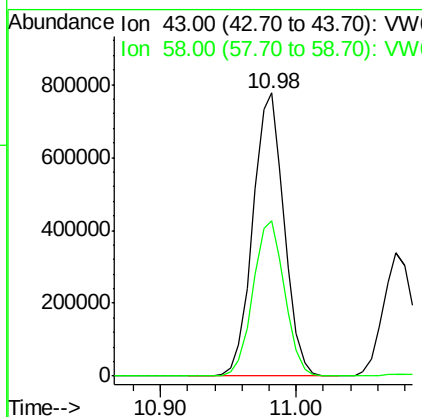
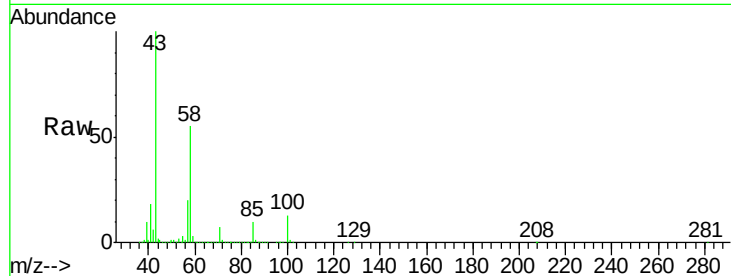




#59
2-Hexanone
Concen: 791.10 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

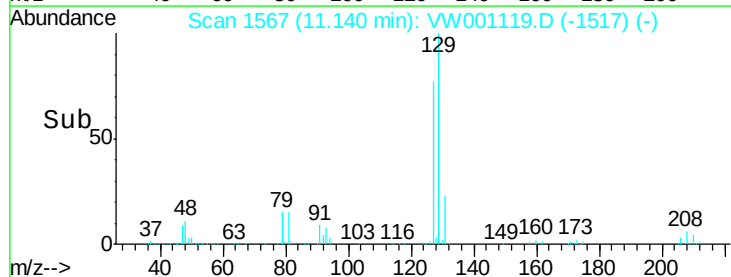
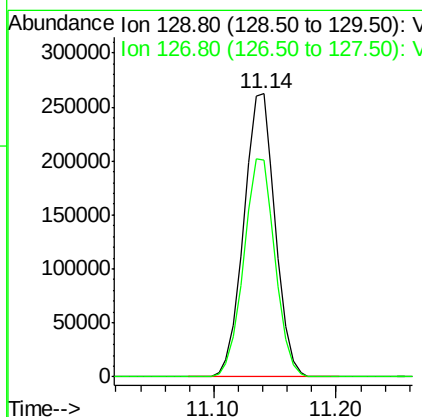
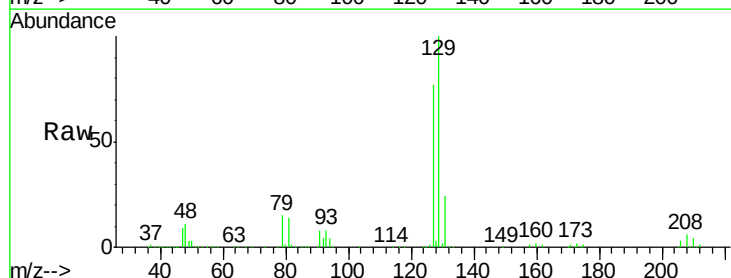
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

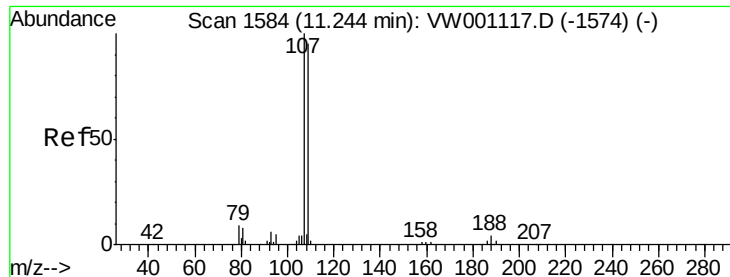
Tgt Ion: 43 Resp: 1246587
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.0



#60
Dibromochloromethane
Concen: 153.48 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 129 Resp: 465867
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 150.31 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

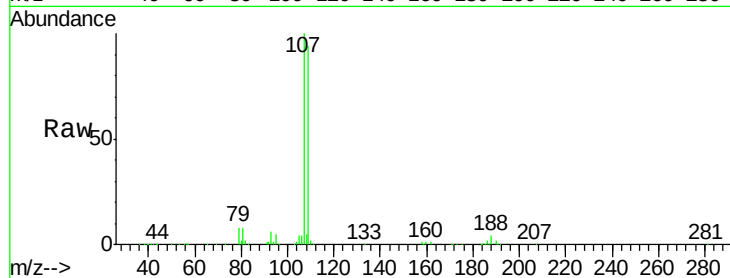
VSTDIC150

Tgt Ion: 107 Resp: 377574

Ion Ratio Lower Upper

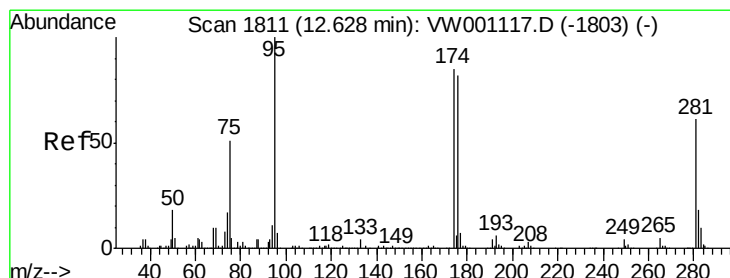
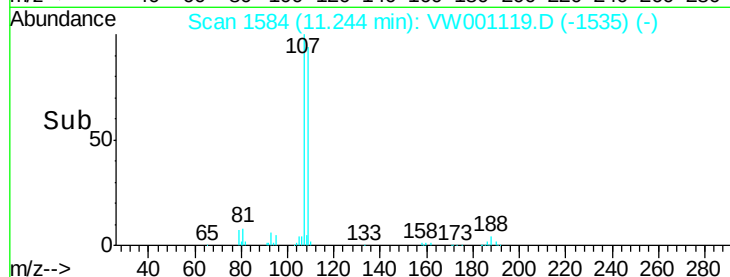
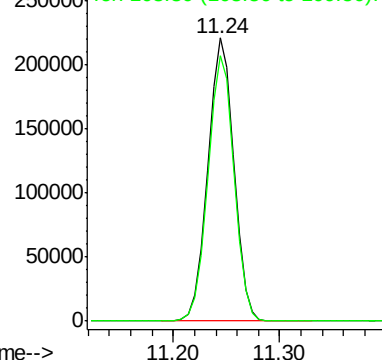
107 100

109 94.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 149.16 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

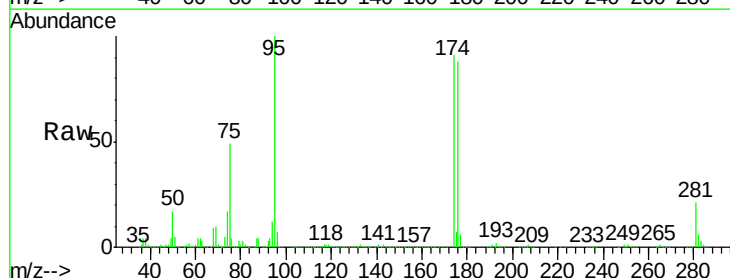
Tgt Ion: 95 Resp: 628184

Ion Ratio Lower Upper

95 100

174 88.1 0.0 179.6

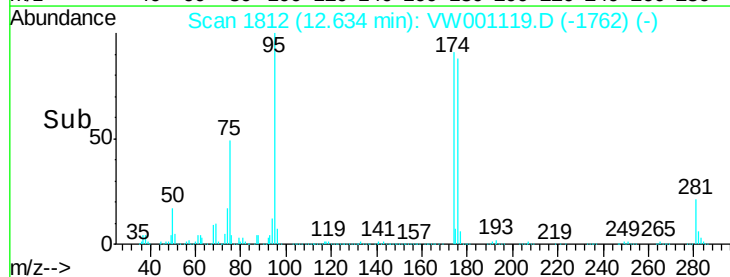
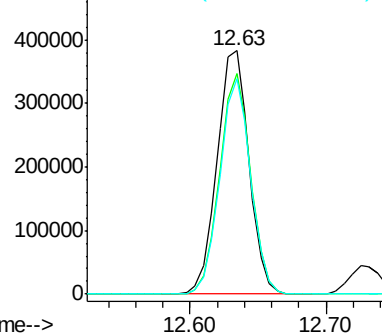
176 85.5 0.0 174.4

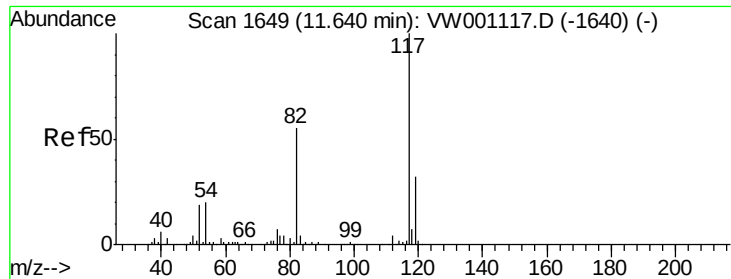


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

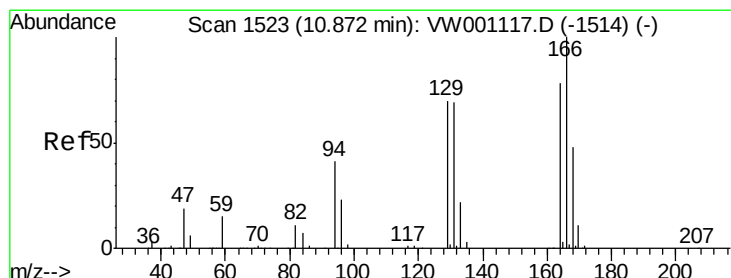
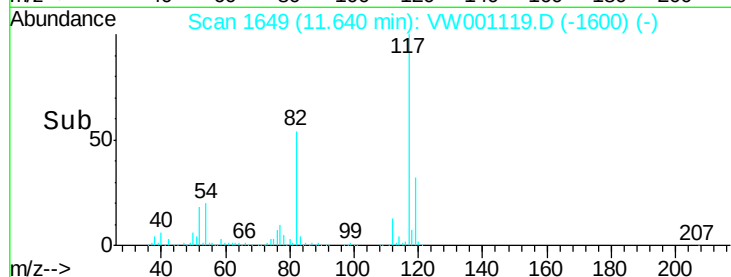
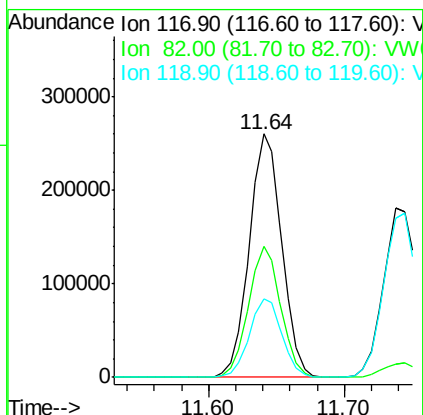
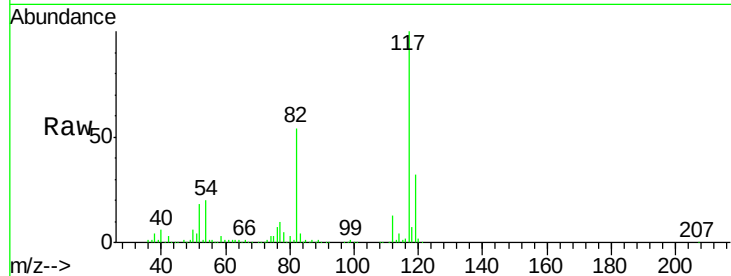




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

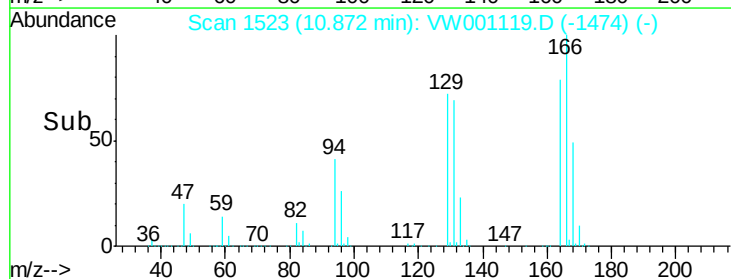
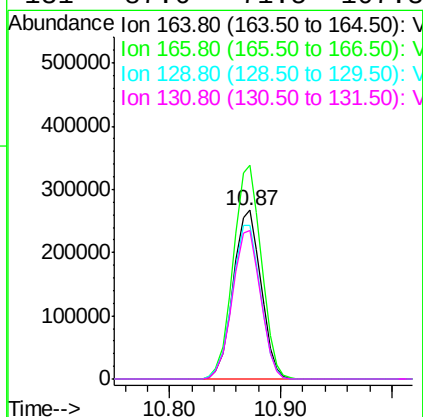
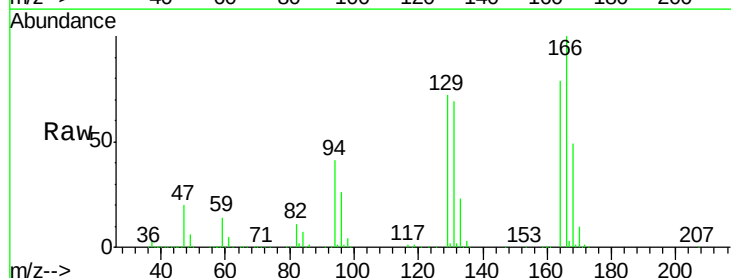
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

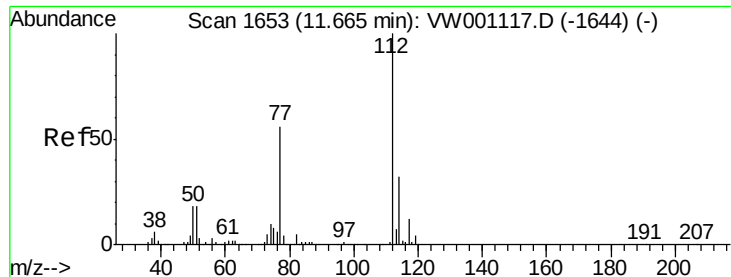
Tgt Ion:117 Resp: 435428
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 131.77 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion:164 Resp: 461393
Ion Ratio Lower Upper
164 100
166 126.5 103.1 154.7
129 90.9 72.3 108.5
131 87.6 71.5 107.3





#65

Chlorobenzene

Concen: 143.25 ug/l

RT: 11.67 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

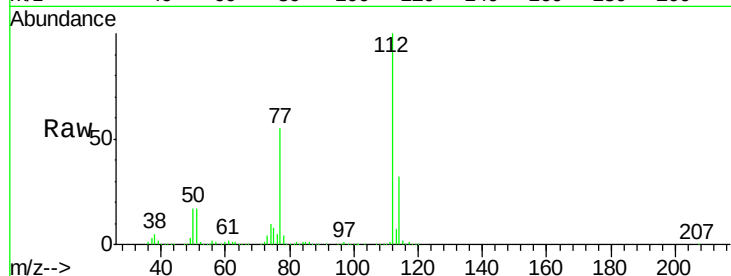
VSTDIC150

Tgt Ion:112 Resp: 1257945

Ion Ratio Lower Upper

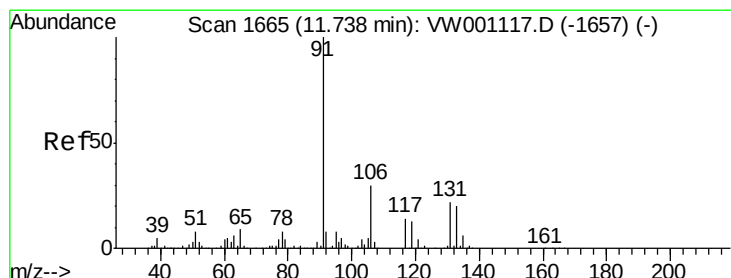
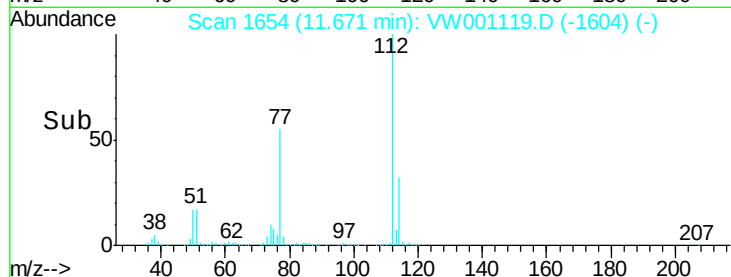
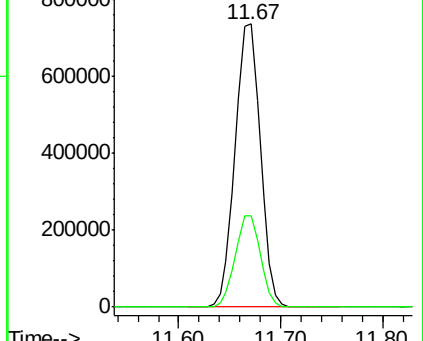
112 100

114 32.1 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: 147.88 ug/l

RT: 11.74 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

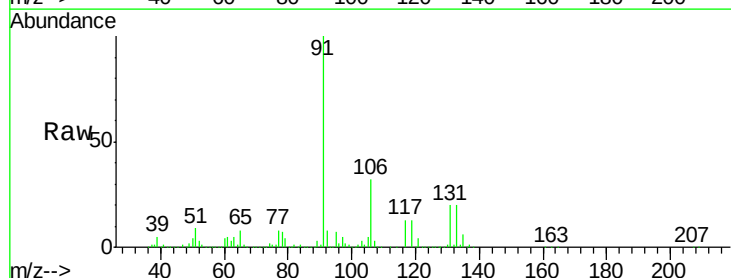
Tgt Ion:131 Resp: 474241

Ion Ratio Lower Upper

131 100

133 96.4 47.3 141.8

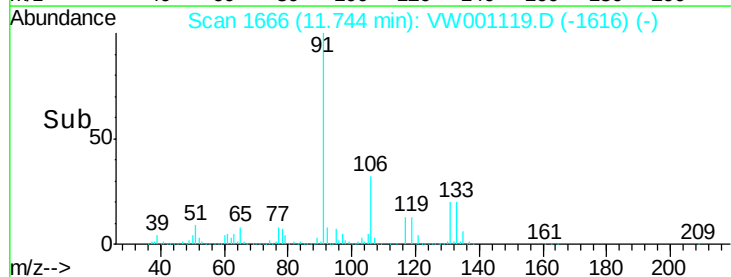
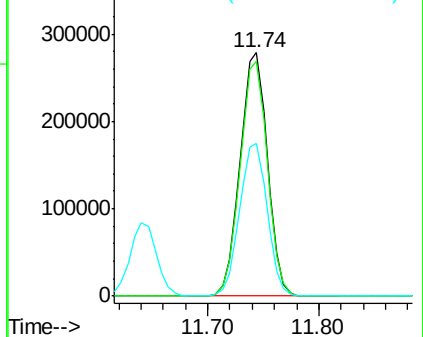
119 63.4 31.5 94.5

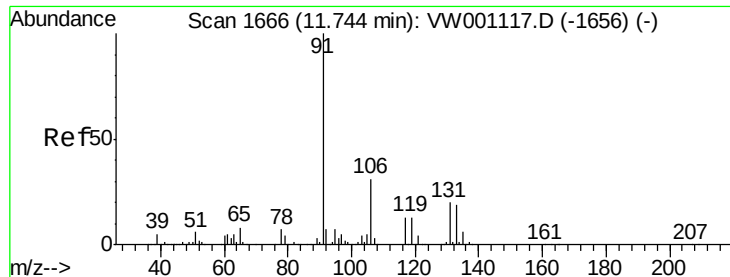


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

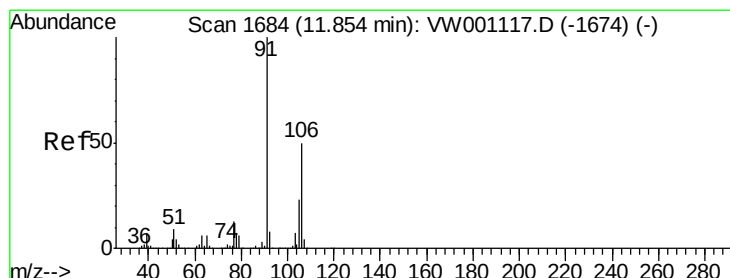
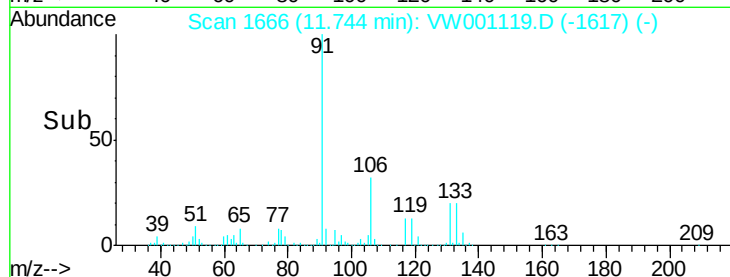
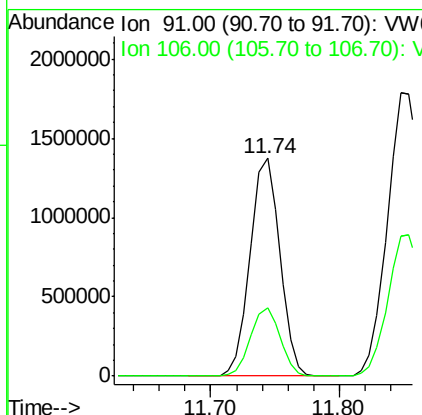
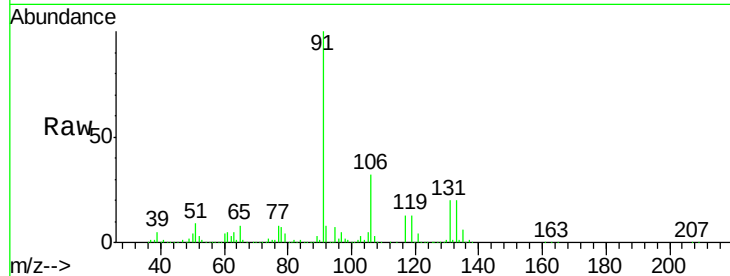




#67
Ethyl Benzene
Concen: 149.41 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

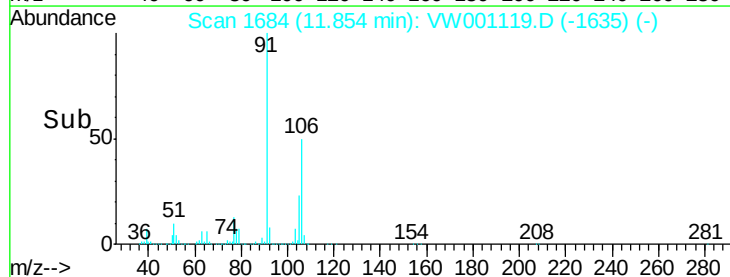
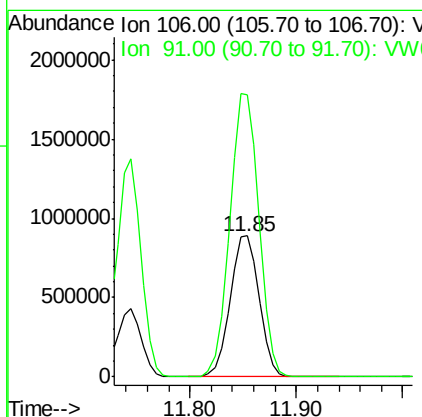
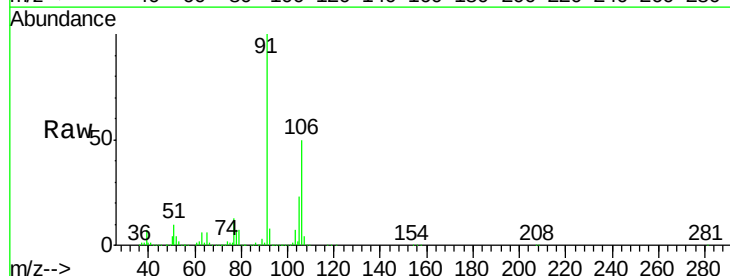
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

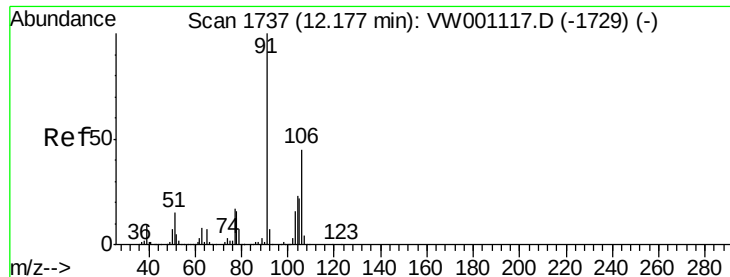
Tgt Ion: 91 Resp: 2190472
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 296.40 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 106 Resp: 1692965
Ion Ratio Lower Upper
106 100
91 201.9 163.1 244.7

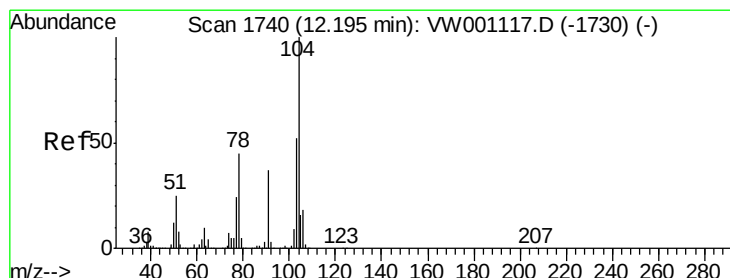
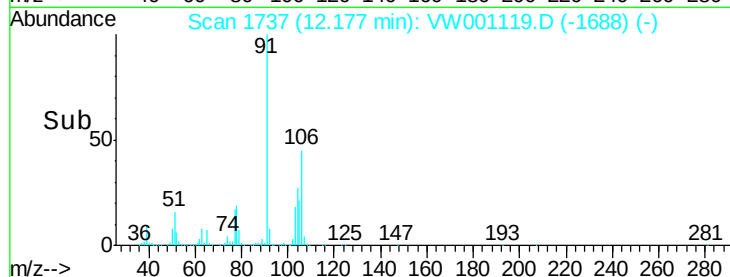
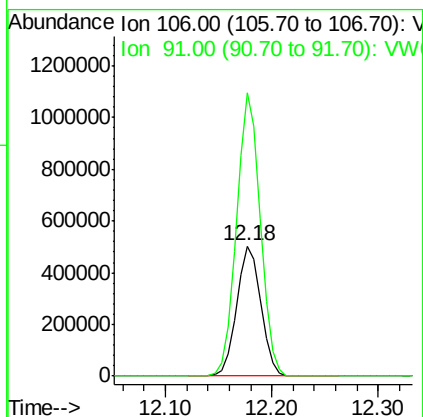
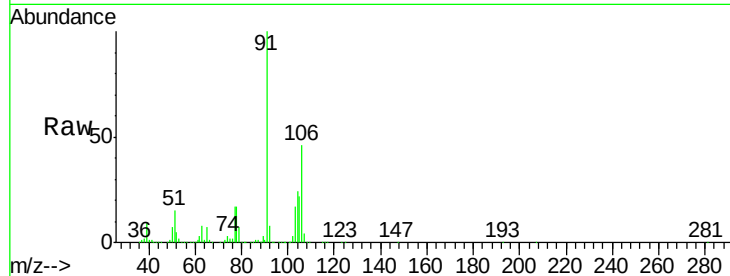




#69
o-Xylene
Concen: 151.79 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

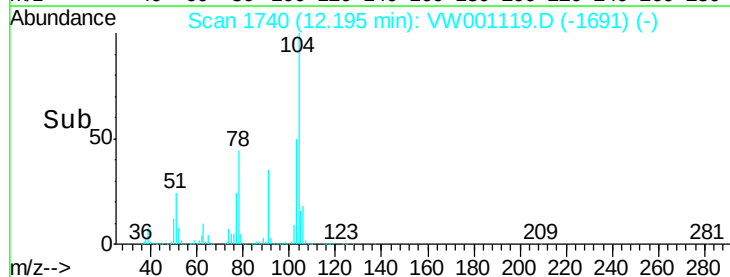
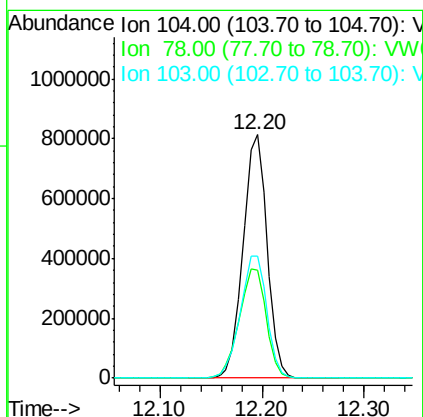
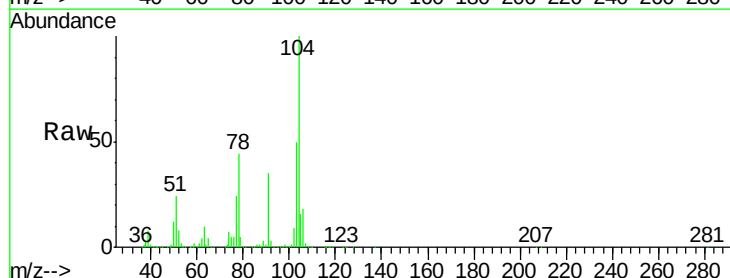
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

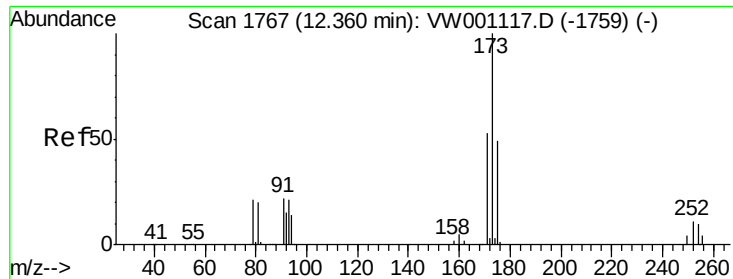
Tgt Ion:106 Resp: 799424
Ion Ratio Lower Upper
106 100
91 214.2 107.6 322.8



#70
Styrene
Concen: 153.73 ug/l
RT: 12.20 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion:104 Resp: 1330814
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 55.4 44.7 67.1





#71

Bromoform

Concen: 153.36 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

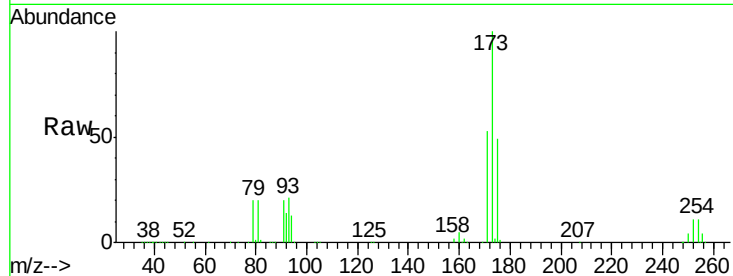
Tgt Ion:173 Resp: 317771

Ion Ratio Lower Upper

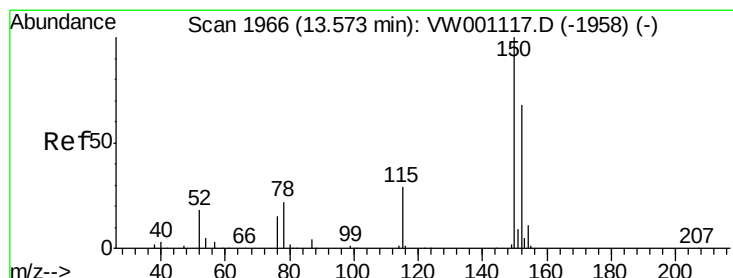
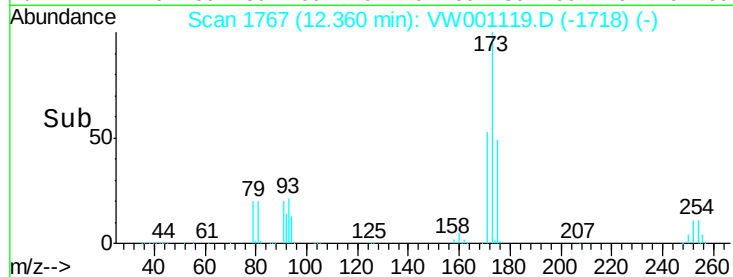
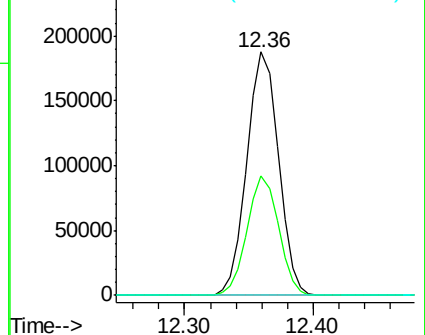
173 100

175 48.9 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: VW001119.D

Acq: 29 Jan 2018 14:08

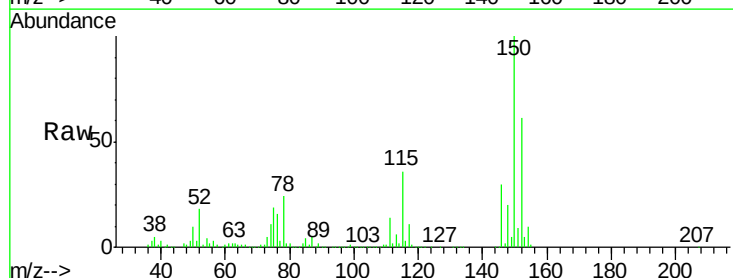
Tgt Ion:152 Resp: 226587

Ion Ratio Lower Upper

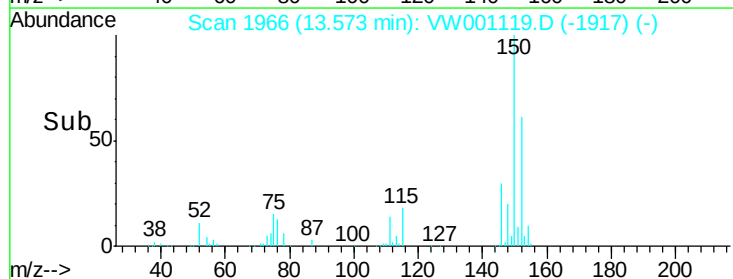
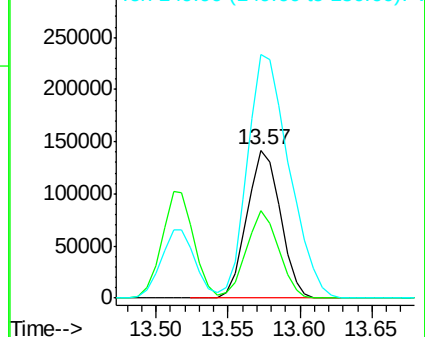
152 100

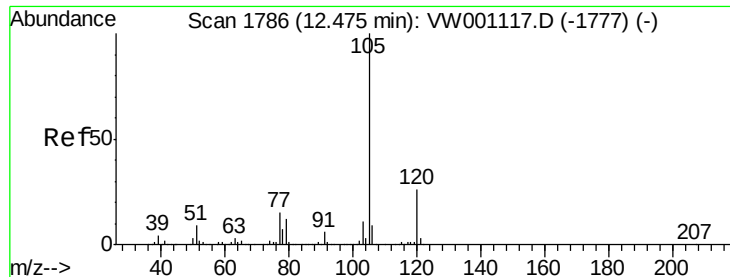
115 57.2 28.4 85.3

150 206.5 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: 156.26 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

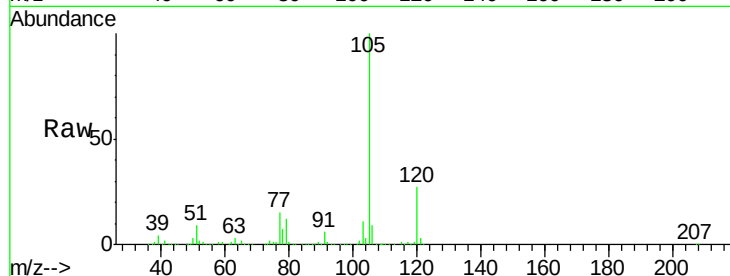
VSTDIC150

Tgt Ion:105 Resp: 2217703

Ion Ratio Lower Upper

105 100

120 26.8 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

1500000

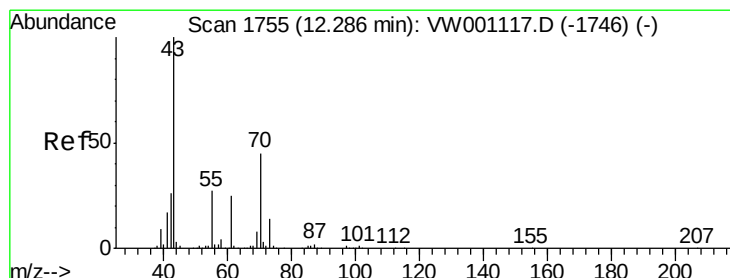
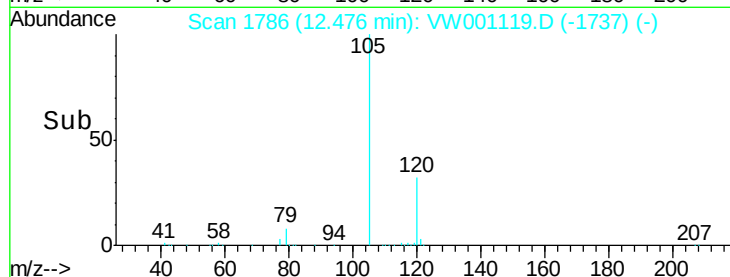
1000000

500000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 163.67 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tgt Ion: 43 Resp: 530498

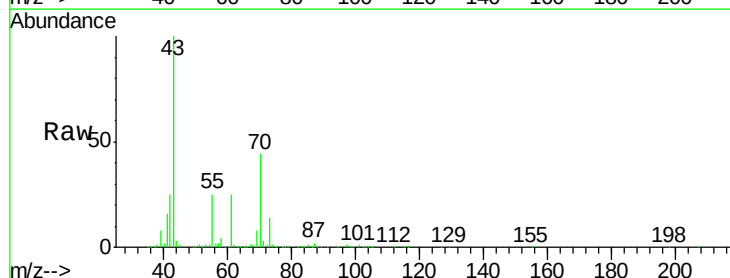
Ion Ratio Lower Upper

43 100

70 44.1 36.0 54.0

55 24.9 21.7 32.5

61 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

500000

400000

300000

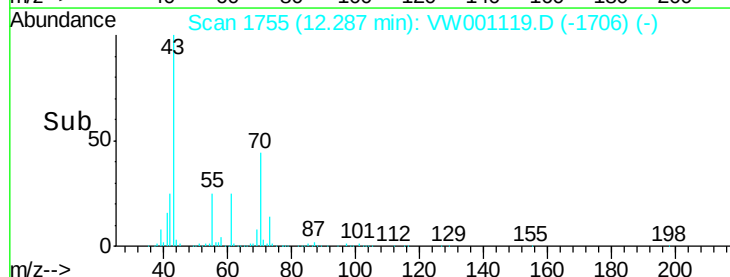
200000

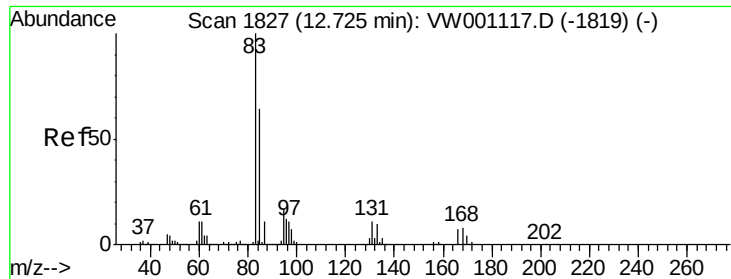
100000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 150.61 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

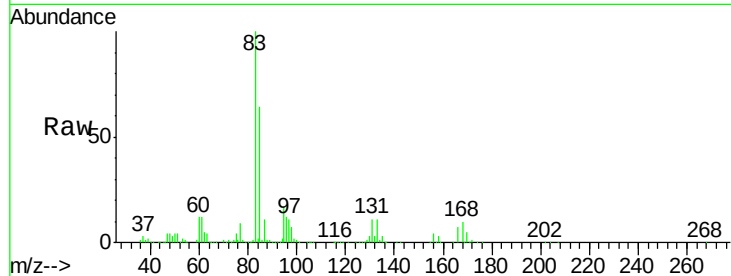
Tgt Ion: 83 Resp: 437234

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

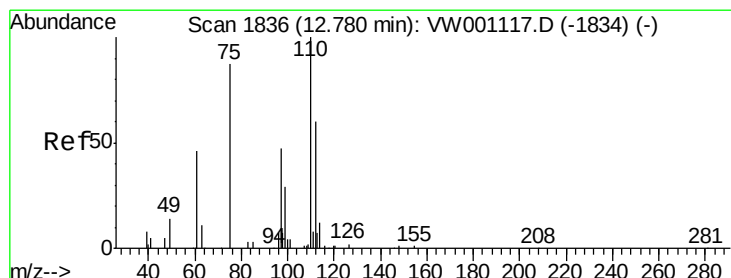
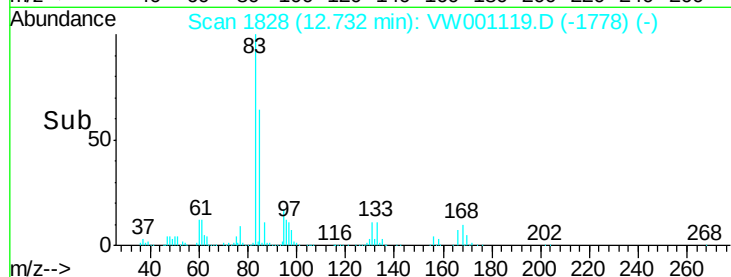
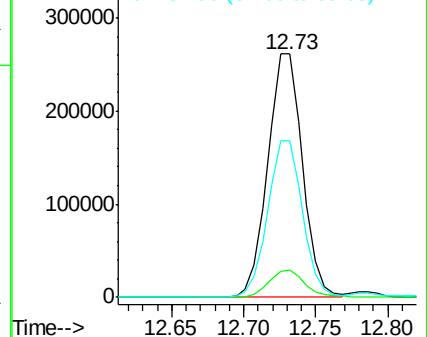
85 64.5 32.3 96.9



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: 219.80 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VW001119.D

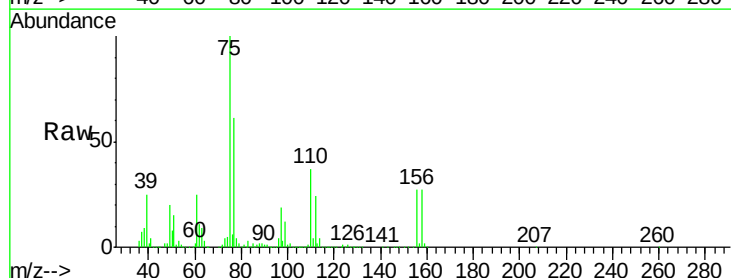
Acq: 29 Jan 2018 14:08

Tgt Ion: 75 Resp: 606871

Ion Ratio Lower Upper

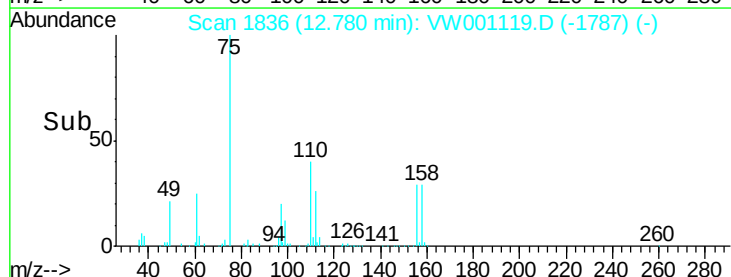
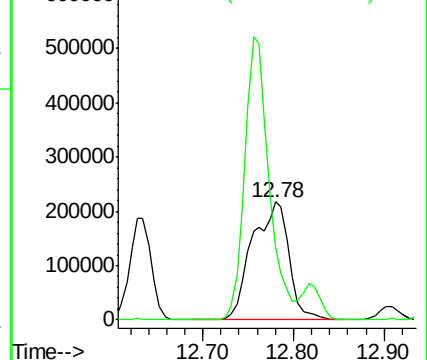
75 100

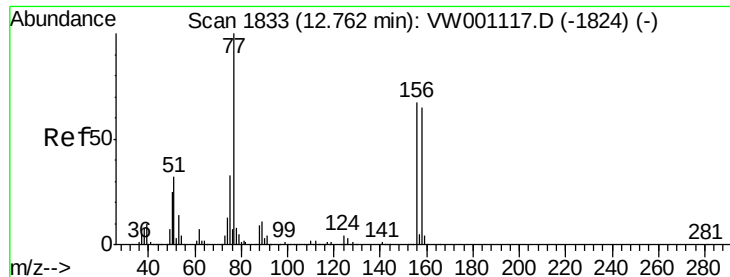
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 151.51 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

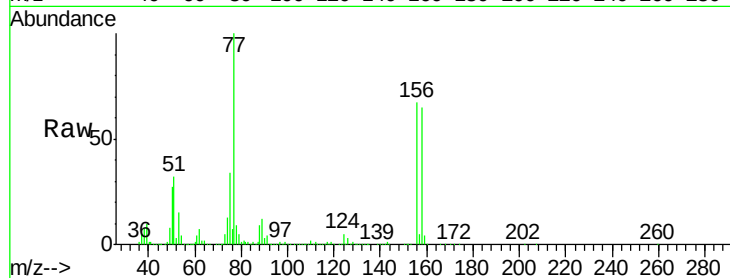
Tgt Ion:156 Resp: 558263

Ion Ratio Lower Upper

156 100

77 172.7 85.3 255.8

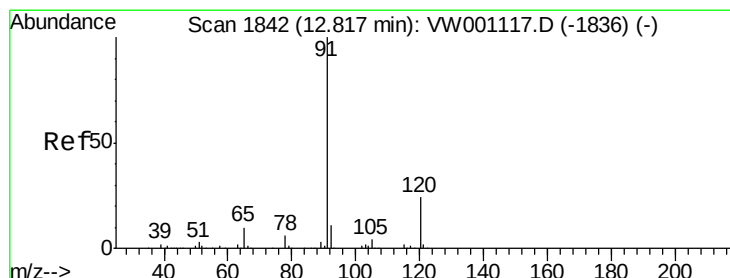
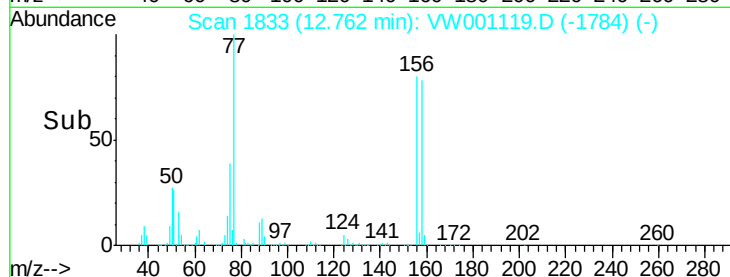
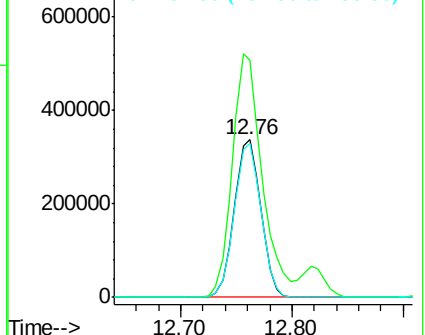
158 97.8 48.9 146.7



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: 154.06 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW001119.D

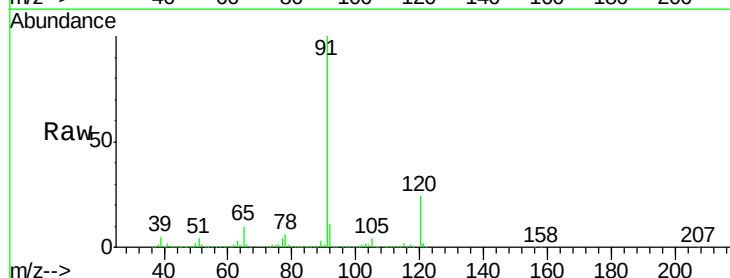
Acq: 29 Jan 2018 14:08

Tgt Ion: 91 Resp: 2617787

Ion Ratio Lower Upper

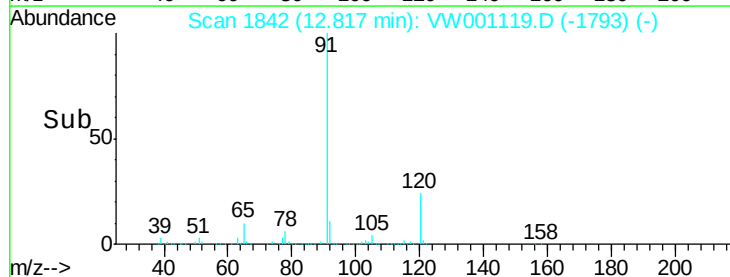
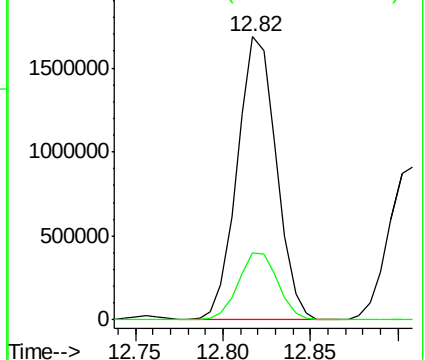
91 100

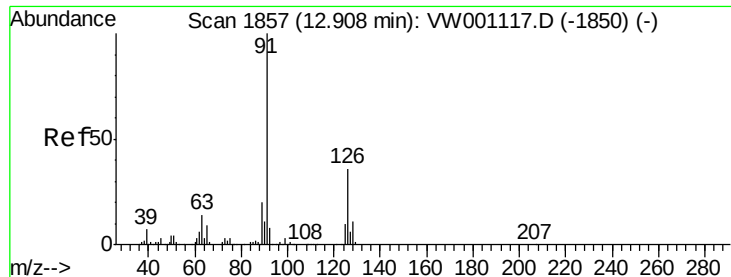
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 153.23 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

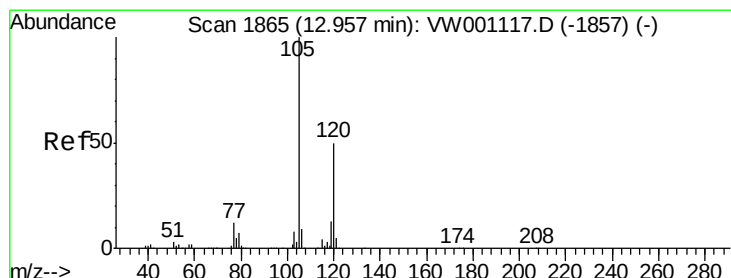
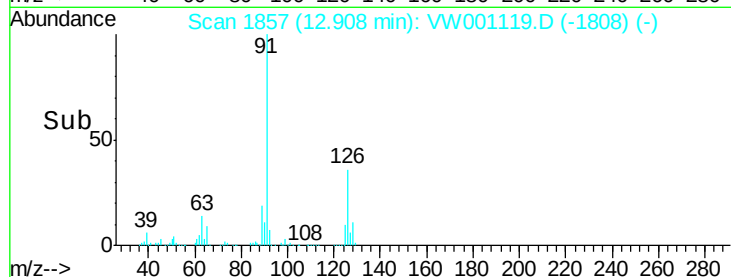
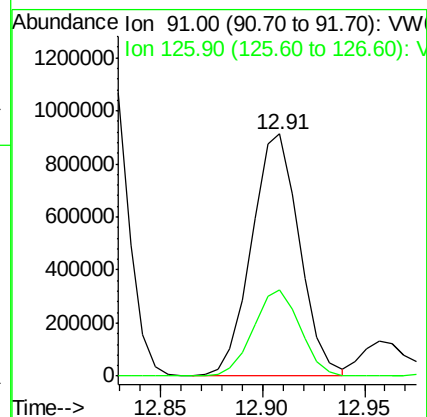
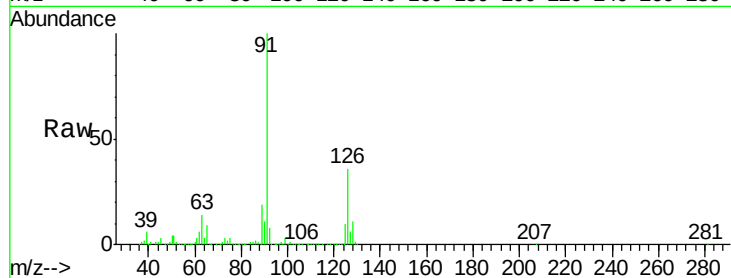
VSTDIC150

Tgt Ion: 91 Resp: 1490106

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 156.51 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW001119.D

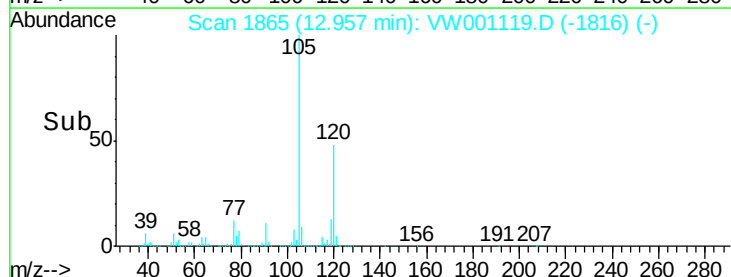
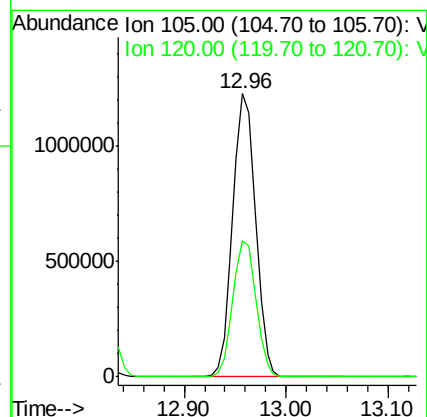
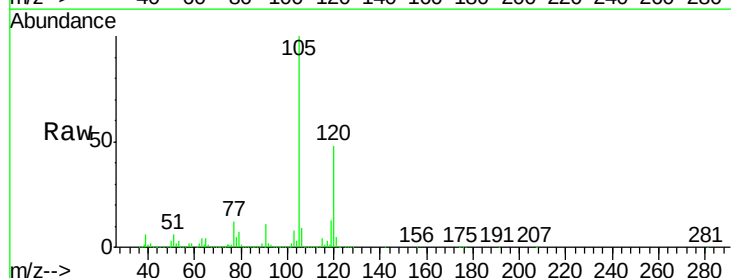
Acq: 29 Jan 2018 14:08

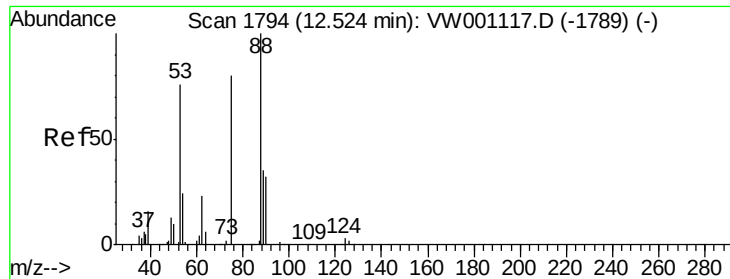
Tgt Ion: 105 Resp: 1899722

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 157.80 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

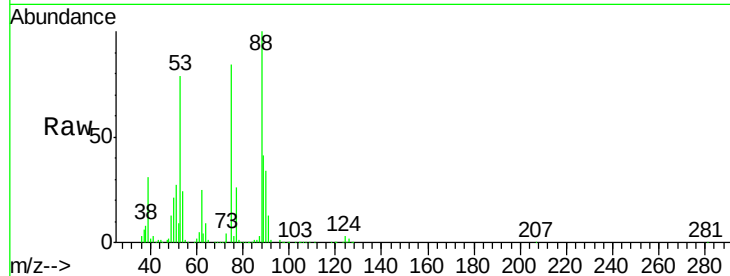
Tgt Ion: 75 Resp: 137817

Ion Ratio Lower Upper

75 100

53 91.8 75.0 112.6

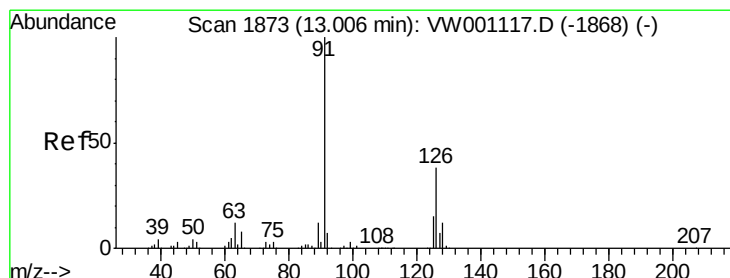
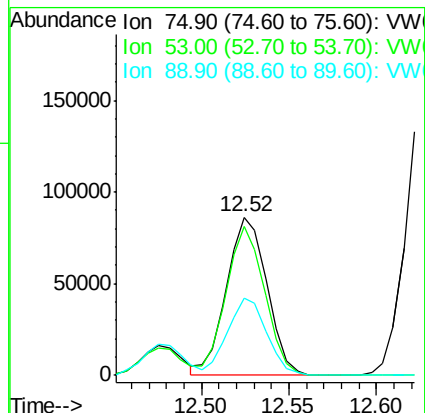
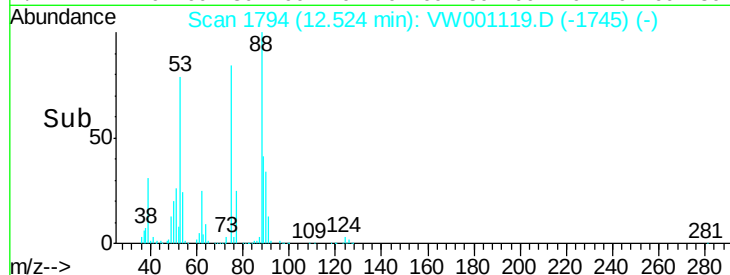
89 47.8 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 150.14 ug/l

RT: 13.01 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VW001119.D

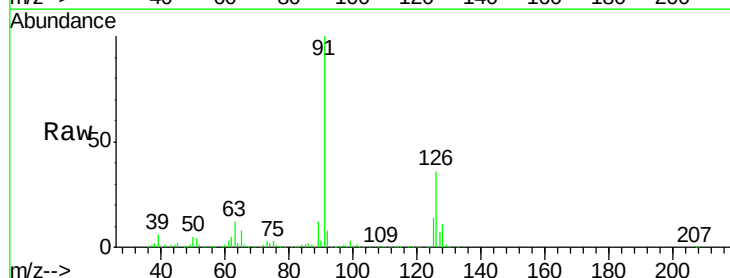
Acq: 29 Jan 2018 14:08

Tgt Ion: 91 Resp: 1556467

Ion Ratio Lower Upper

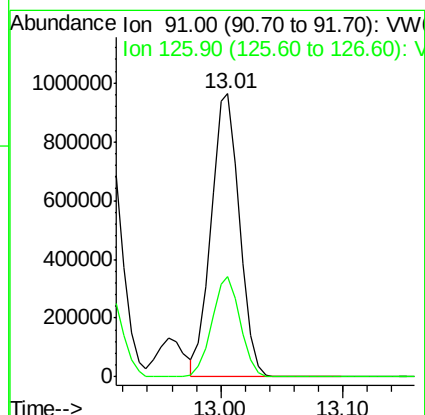
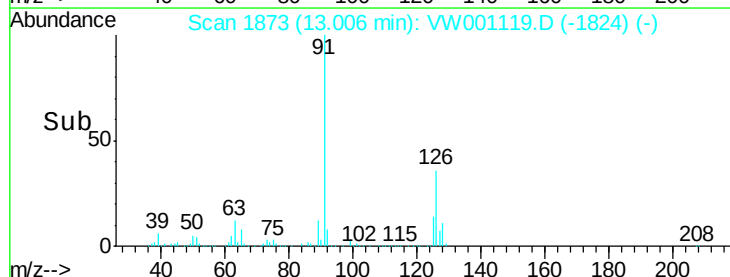
91 100

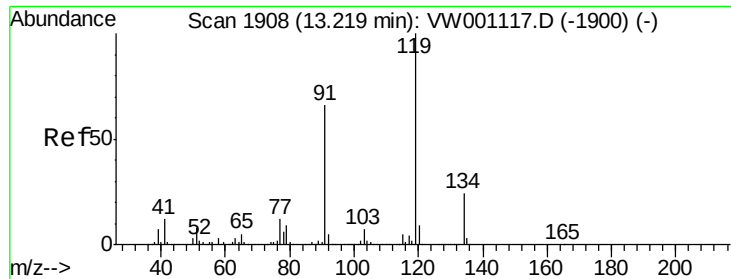
126 35.4 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

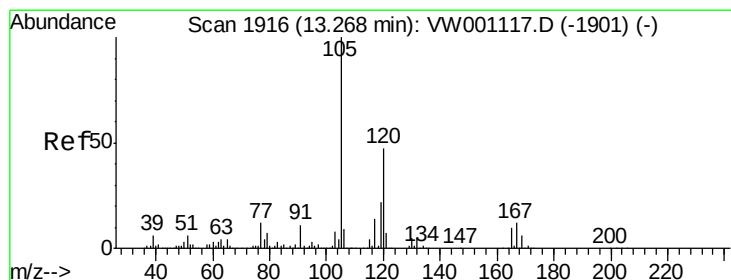
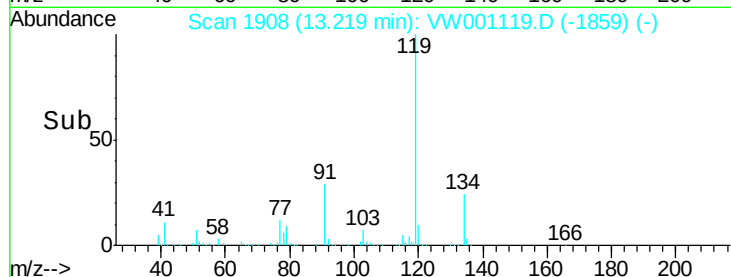
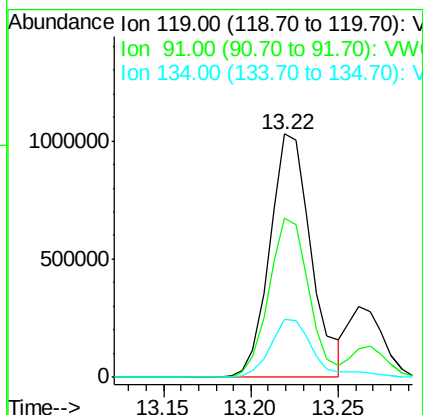
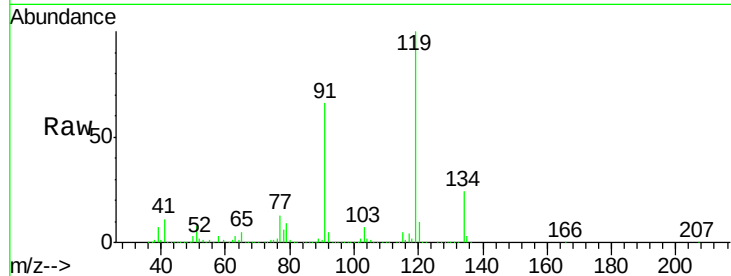




#83
 tert-Butylbenzene
 Concen: 158.04 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

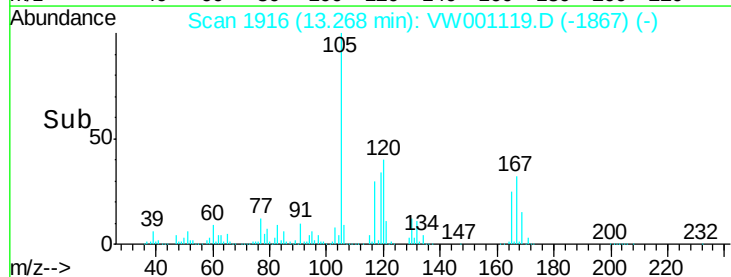
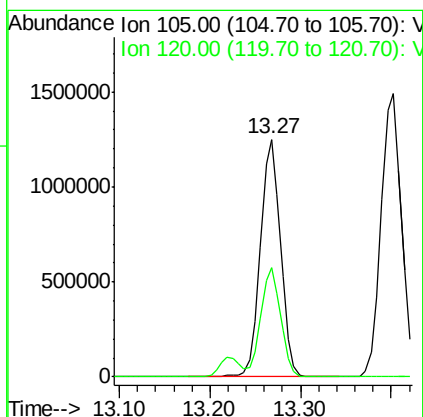
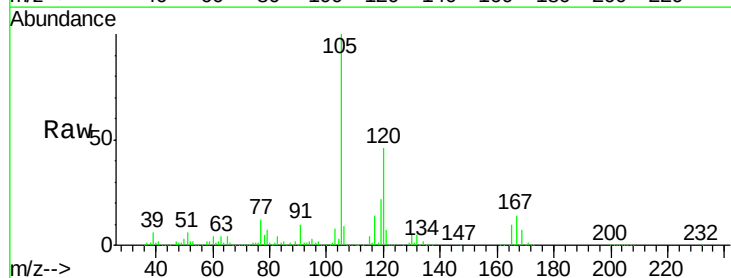
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

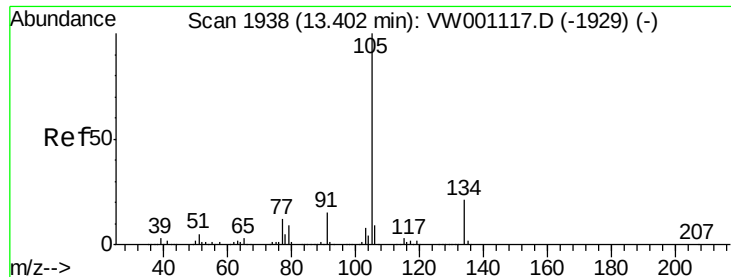
Tgt Ion:119 Resp: 1695017
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.9 95.5
 134 25.3 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 155.51 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion:105 Resp: 1920668
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 152.21 ug/l

RT: 13.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

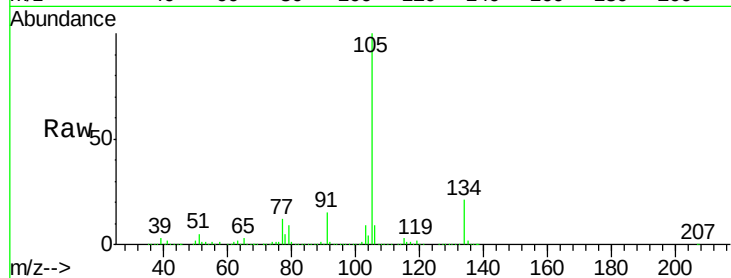
VSTDIC150

Tgt Ion:105 Resp: 2308933

Ion Ratio Lower Upper

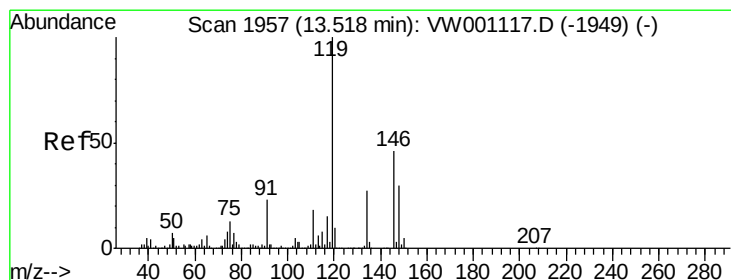
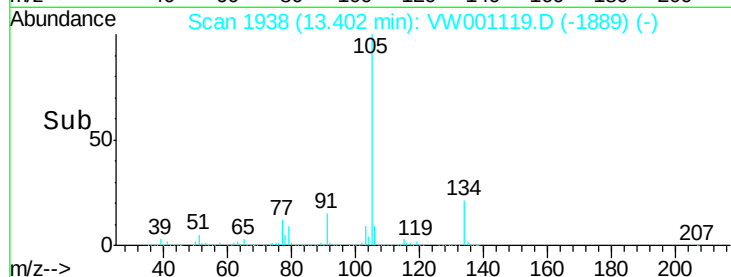
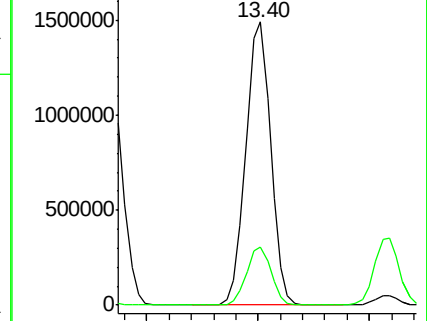
105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 153.72 ug/l

RT: 13.52 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

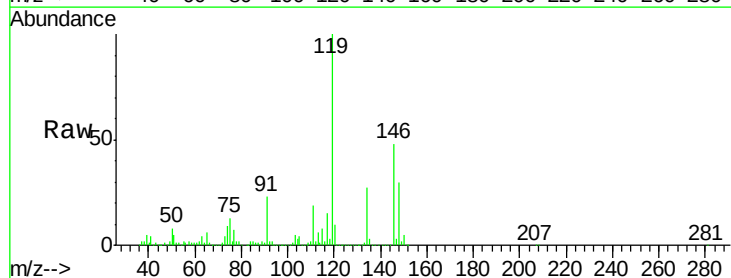
Tgt Ion:119 Resp: 2073360

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

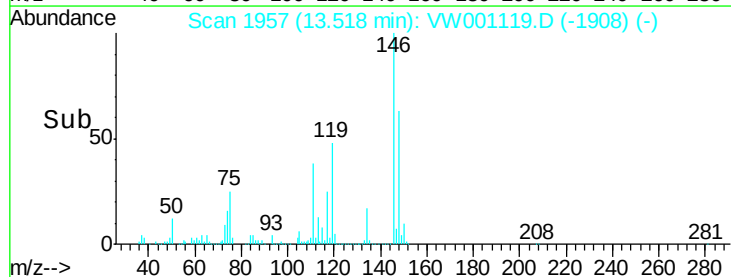
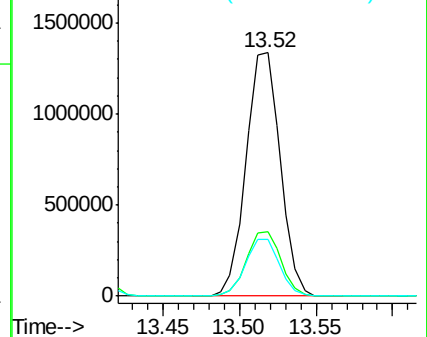
91 23.5 11.8 35.4

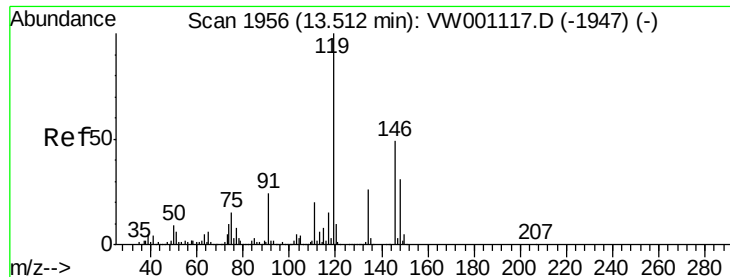


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 145.04 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

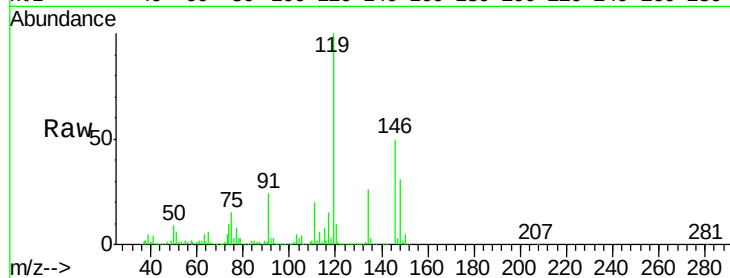
Tgt Ion:146 Resp: 1055221

Ion Ratio Lower Upper

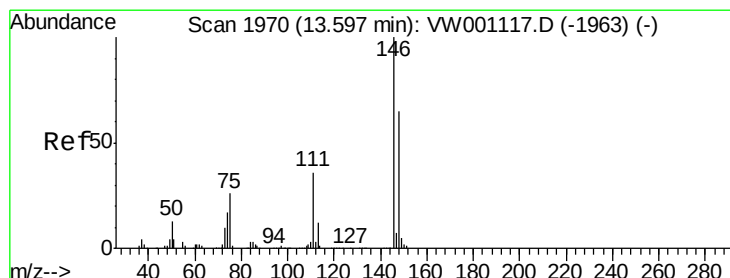
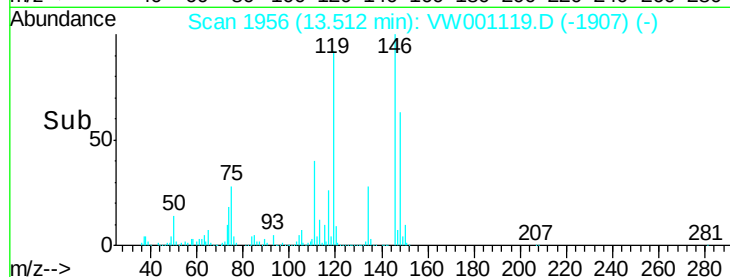
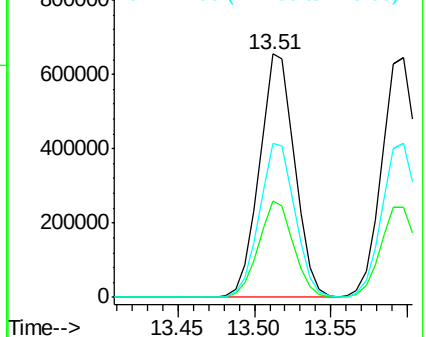
146 100

111 39.1 19.7 59.1

148 63.6 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 142.44 ug/l

RT: 13.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

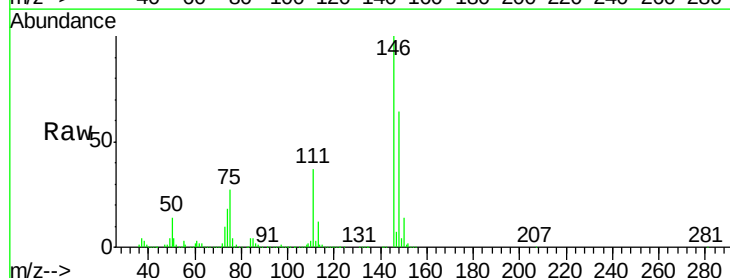
Tgt Ion:146 Resp: 1041154

Ion Ratio Lower Upper

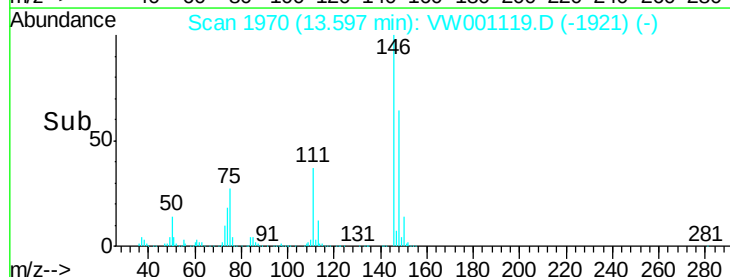
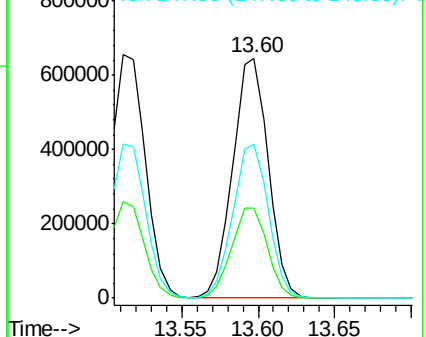
146 100

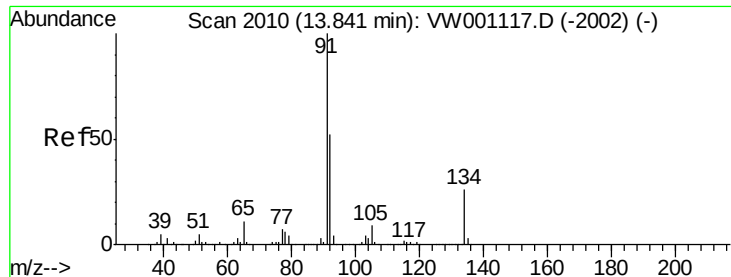
111 37.9 19.1 57.1

148 64.3 32.5 97.5



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





#89

n-Butylbenzene

Concen: 151.44 ug/l

RT: 13.84 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

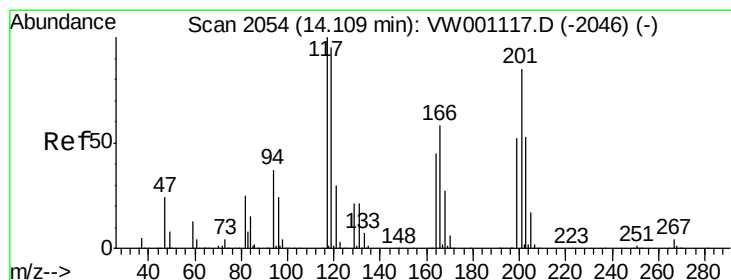
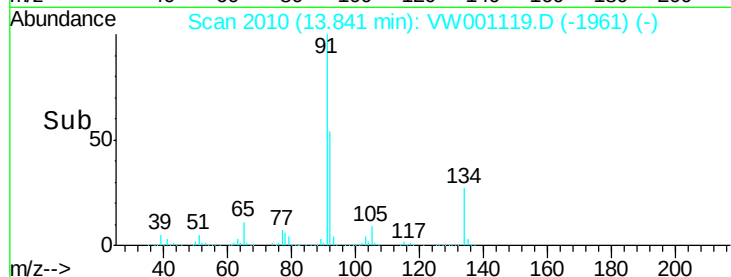
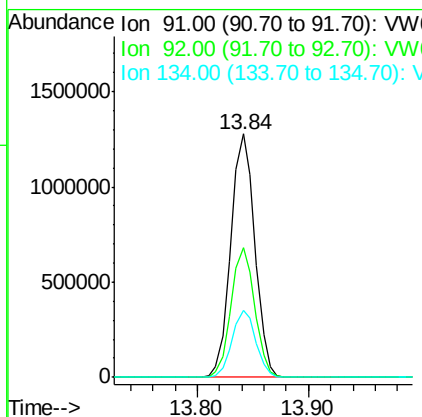
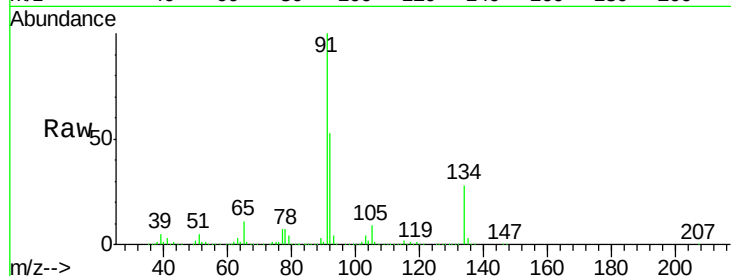
Tgt Ion: 91 Resp: 1903063

Ion Ratio Lower Upper

91 100

92 52.7 26.1 78.2

134 27.4 13.6 40.8



#90

Hexachloroethane

Concen: 153.04 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VW001119.D

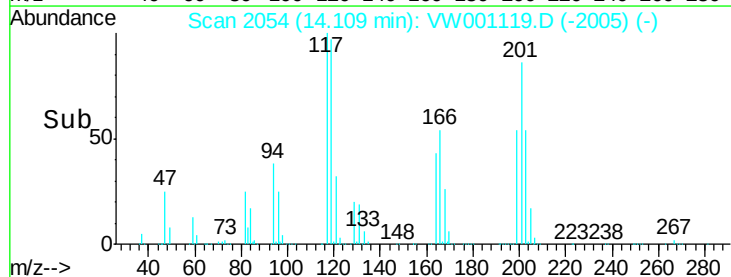
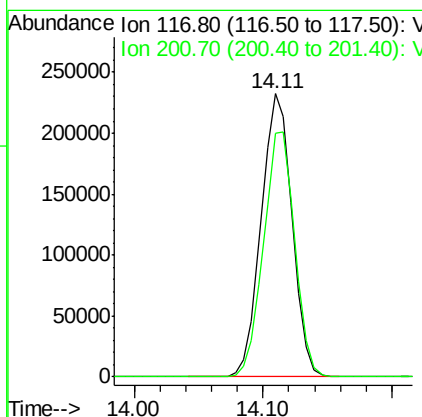
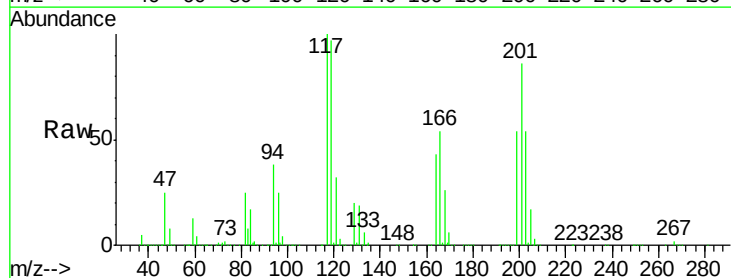
Acq: 29 Jan 2018 14:08

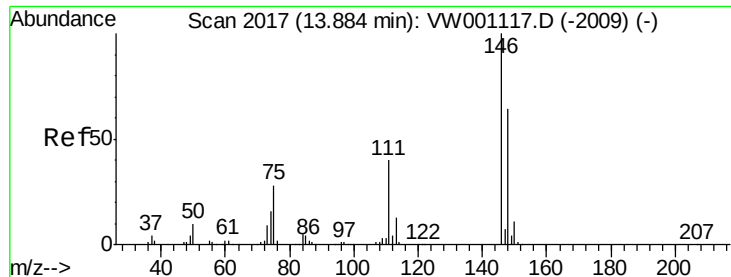
Tgt Ion: 117 Resp: 384924

Ion Ratio Lower Upper

117 100

201 87.8 43.3 129.8

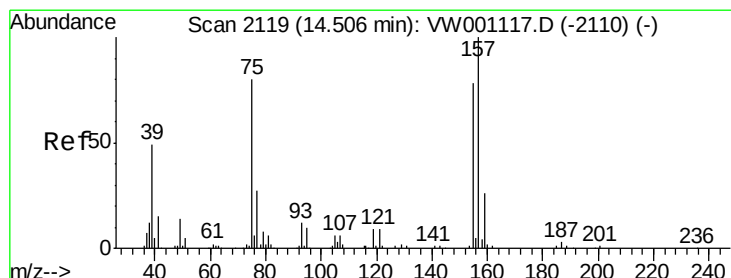
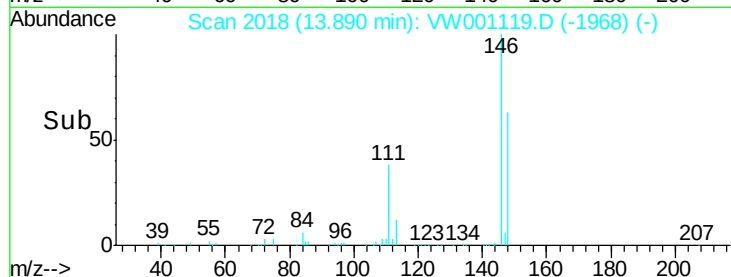
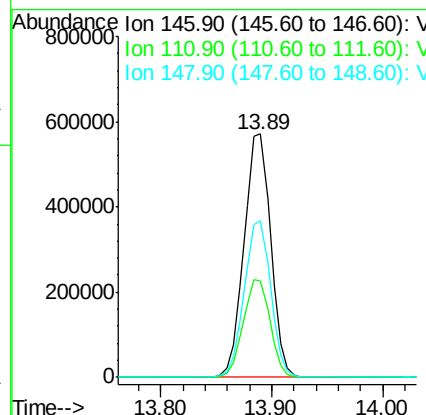
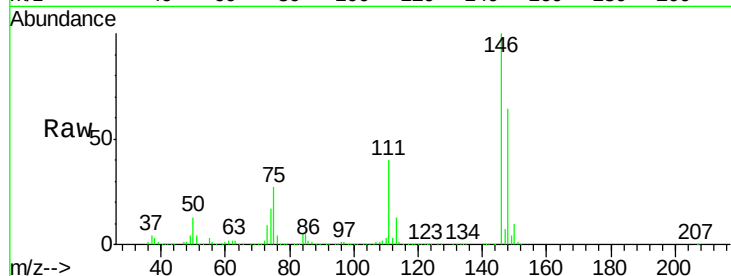




#91
 1,2-Dichlorobenzene
 Concen: 142.68 ug/l
 RT: 13.89 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

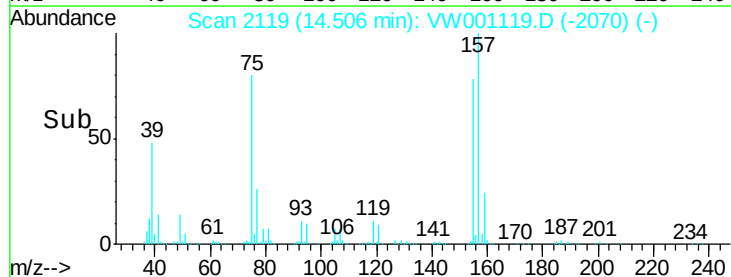
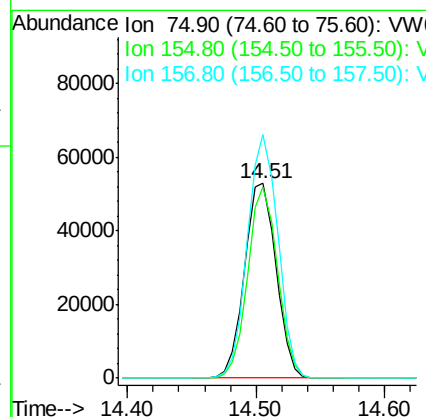
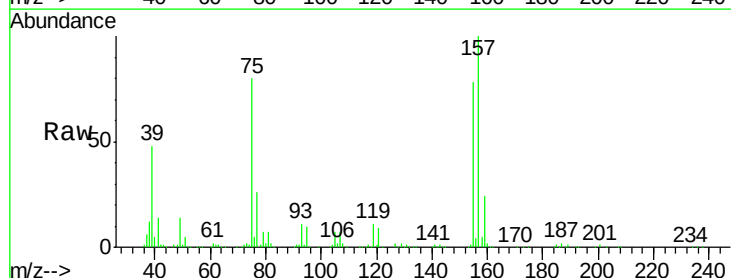
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

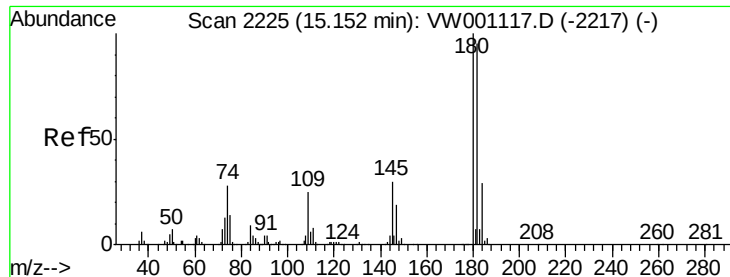
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.2
148	63.6	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.41 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	46.3	138.9
157	120.2	60.0	180.0

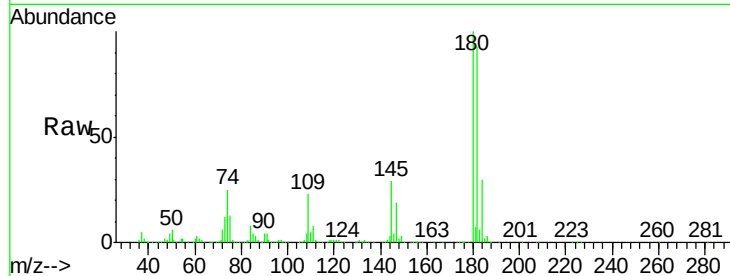




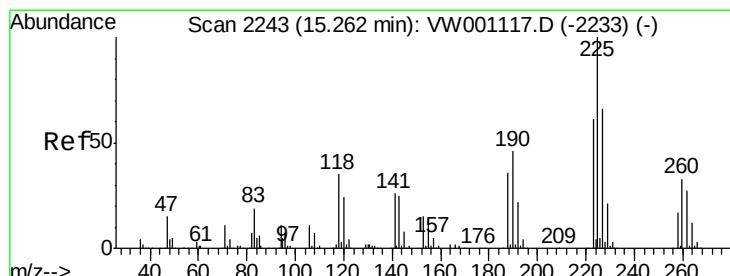
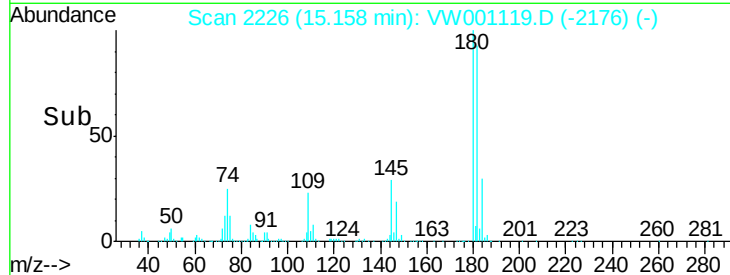
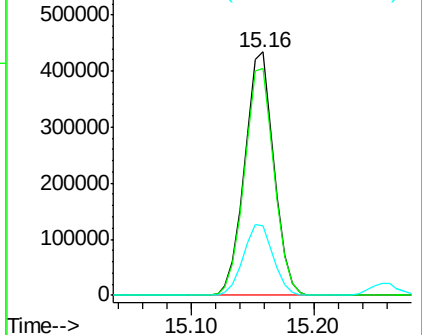
#93
 1,2,4-Trichlorobenzene
 Concen: 146.83 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 719431
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 29.9 15.0 45.1

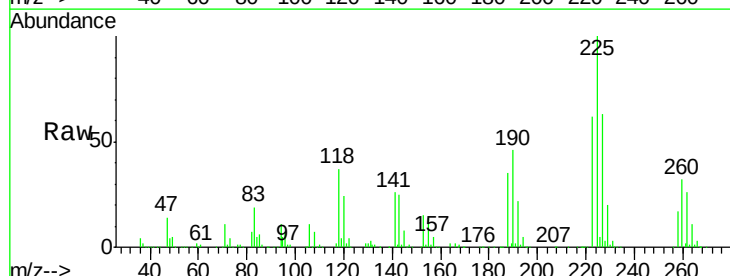


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

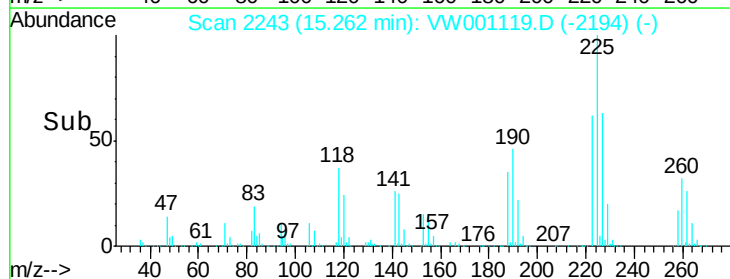
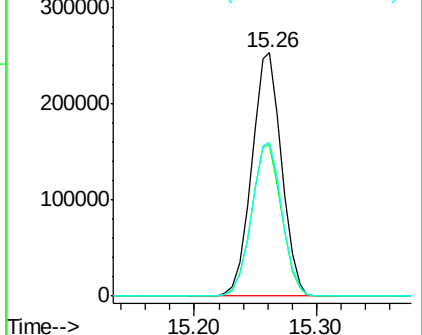


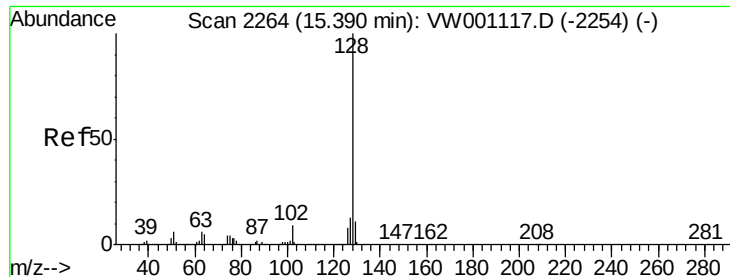
#94
 Hexachlorobutadiene
 Concen: 141.60 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion:225 Resp: 429057
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.3
 227 64.2 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

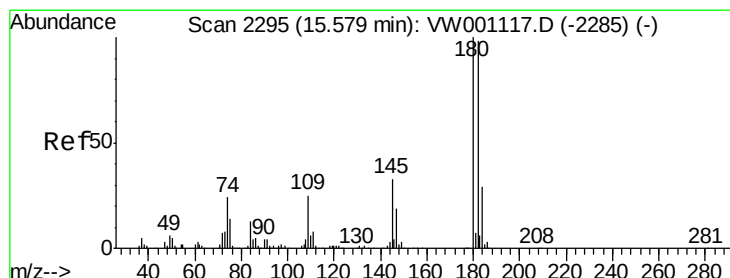
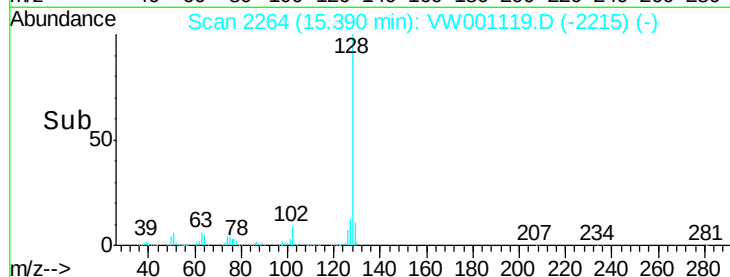
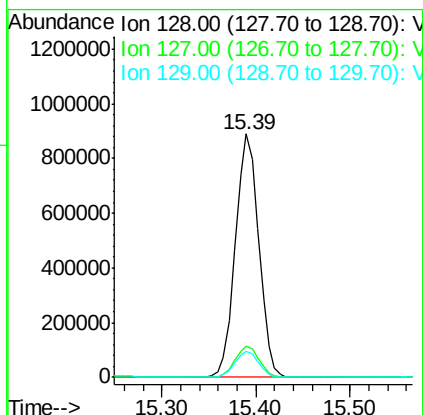
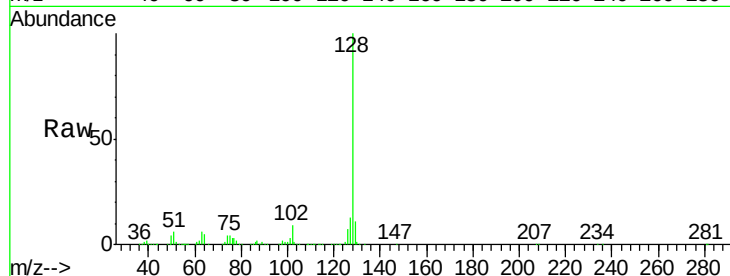




#95
Naphthalene
Concen: 158.28 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1530235
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 144.17 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion:180 Resp: 651486
Ion Ratio Lower Upper
180 100
182 95.4 48.7 146.1
145 31.9 16.0 47.9

