

Data File : VW001116.D

Acq On : 29 Jan 2018 12:54

Operator : JC/SY

Sample : VSTDIC020

Misc : 5.0G/5.0ML/MSVOA_W/SOIL

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Quant Time: Jan 30 00:50:27 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	301552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	419529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	390226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	57990	19.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.56%	
35) Dibromofluoromethane	7.88	113	50959	18.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.98%	
50) Toluene-d8	10.33	98	206267	19.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.94%	
62) 4-Bromofluorobenzene	12.63	95	74393	19.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48700	19.06	ug/l	98
3) Chloromethane	2.22	50	44970	20.15	ug/l	97
4) Vinyl Chloride	2.36	62	44093	19.84	ug/l	98
5) Bromomethane	2.73	94	31661	20.51	ug/l	97
6) Chloroethane	2.90	64	24422	19.36	ug/l	96
7) Trichlorofluoromethane	3.25	101	80593	19.52	ug/l	98
8) Diethyl Ether	3.68	74	20151	18.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	56077	20.41	ug/l	99
10) Methyl Iodide	4.26	142	52203	18.00	ug/l	98
11) Tert butyl alcohol	5.20	59	21383	90.43	ug/l	95
12) 1,1-Dichloroethene	4.02	96	47470	19.78	ug/l	99
13) Acrolein	3.89	56	37523	99.19	ug/l	97
14) Allyl chloride	4.66	41	67624	18.86	ug/l	97
15) Acrylonitrile	5.37	53	67667	92.75	ug/l	100
16) Acetone	4.14	43	73659	95.56	ug/l	96
17) Carbon Disulfide	4.36	76	145258	19.49	ug/l	98
18) Methyl Acetate	4.68	43	32822	17.96	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	119997	19.32	ug/l	97
20) Methylene Chloride	4.90	84	54797	20.02	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	52511	19.59	ug/l	99
22) Diisopropyl ether	6.32	45	139909	20.37	ug/l	96
23) Vinyl Acetate	6.26	43	368828	89.61	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89426	19.95	ug/l	100
25) 2-Butanone	7.18	43	90804	89.75	ug/l	99
26) 2,2-Dichloropropane	7.17	77	87785	19.80	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56879	19.89	ug/l	99
28) Bromochloromethane	7.51	49	36595	20.09	ug/l	# 100
29) Tetrahydrofuran	7.53	42	53372	92.37	ug/l	100
30) Chloroform	7.68	83	96378	19.84	ug/l	99
31) Cyclohexane	7.95	56	84333	19.39	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	91639	19.94	ug/l	100
36) 1,1-Dichloropropene	8.08	75	75514	19.94	ug/l	100
37) Ethyl Acetate	7.26	43	36880	18.42	ug/l	99
38) Carbon Tetrachloride	8.07	117	82970	19.61	ug/l	98

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MSVOA_W
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VSTDIC020

Quant Time: Jan 30 00:50:27 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)
39) Methylcyclohexane	9.34	83	86854	19.42	ug/l	96
40) Benzene	8.32	78	210093	20.03	ug/l	100
41) Methacrylonitrile	7.49	41	21180	19.07	ug/l	95
42) 1,2-Dichloroethane	8.40	62	65632	19.90	ug/l	99
43) Isopropyl Acetate	8.43	43	65878	19.12	ug/l	99
44) Trichloroethene	9.09	130	62778	19.94	ug/l	98
45) 1,2-Dichloropropane	9.37	63	50537	20.01	ug/l	95
46) Dibromomethane	9.46	93	31269	19.80	ug/l	99
47) Bromodichloromethane	9.65	83	70712	19.79	ug/l	99
48) Methyl methacrylate	9.45	41	30761	18.68	ug/l	98
49) 1,4-Dioxane	9.45	88	11075	393.58	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	177787	94.45	ug/l	99
52) Toluene	10.40	92	136896	20.33	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	70207	19.47	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	78842	19.59	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44909	19.95	ug/l	98
56) Ethyl methacrylate	10.66	69	50335	19.07	ug/l	99
57) 1,3-Dichloropropane	10.95	76	72478	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	121233	86.04	ug/l	100
59) 2-Hexanone	10.98	43	133662	93.86	ug/l	98
60) Dibromochloromethane	11.14	129	53353	19.45	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43551	19.18	ug/l	98
64) Tetrachloroethene	10.87	164	61937	19.74	ug/l	96
65) Chlorobenzene	11.67	112	156911	19.94	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	56518	19.67	ug/l	98
67) Ethyl Benzene	11.74	91	257929	19.63	ug/l	98
68) m/p-Xylenes	11.85	106	205954	40.24	ug/l	98
69) o-Xylene	12.18	106	94796	20.08	ug/l	98
70) Styrene	12.19	104	156954	20.23	ug/l	99
71) Bromoform	12.36	173	35729	19.24	ug/l #	97
73) Isopropylbenzene	12.48	105	264358	19.91	ug/l	99
74) N-amyl acetate	12.29	43	58732	19.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	52674	19.40	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	71485	27.68	ug/l #	100
77) Bromobenzene	12.76	156	67852	19.69	ug/l	99
78) n-propylbenzene	12.82	91	319066	20.07	ug/l	100
79) 2-Chlorotoluene	12.91	91	182171	20.03	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	226509	19.95	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13953	17.08	ug/l	98
82) 4-Chlorotoluene	13.01	91	196045	20.22	ug/l	99
83) tert-Butylbenzene	13.22	119	197644	19.70	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	235481	20.38	ug/l	98
85) sec-Butylbenzene	13.40	105	281661	19.85	ug/l	100
86) p-Isopropyltoluene	13.52	119	252404	20.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137727	20.24	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	136488	19.96	ug/l	99
89) n-Butylbenzene	13.84	91	232642	19.79	ug/l	99
90) Hexachloroethane	14.11	117	46076	19.58	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	124952	20.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	10063	18.37	ug/l	96

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

Data File : VW001116.D
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Quant Title : SW846 8260
QLast Update : Tue Jan 30 00:46:15 2018
Response via : Initial Calibration

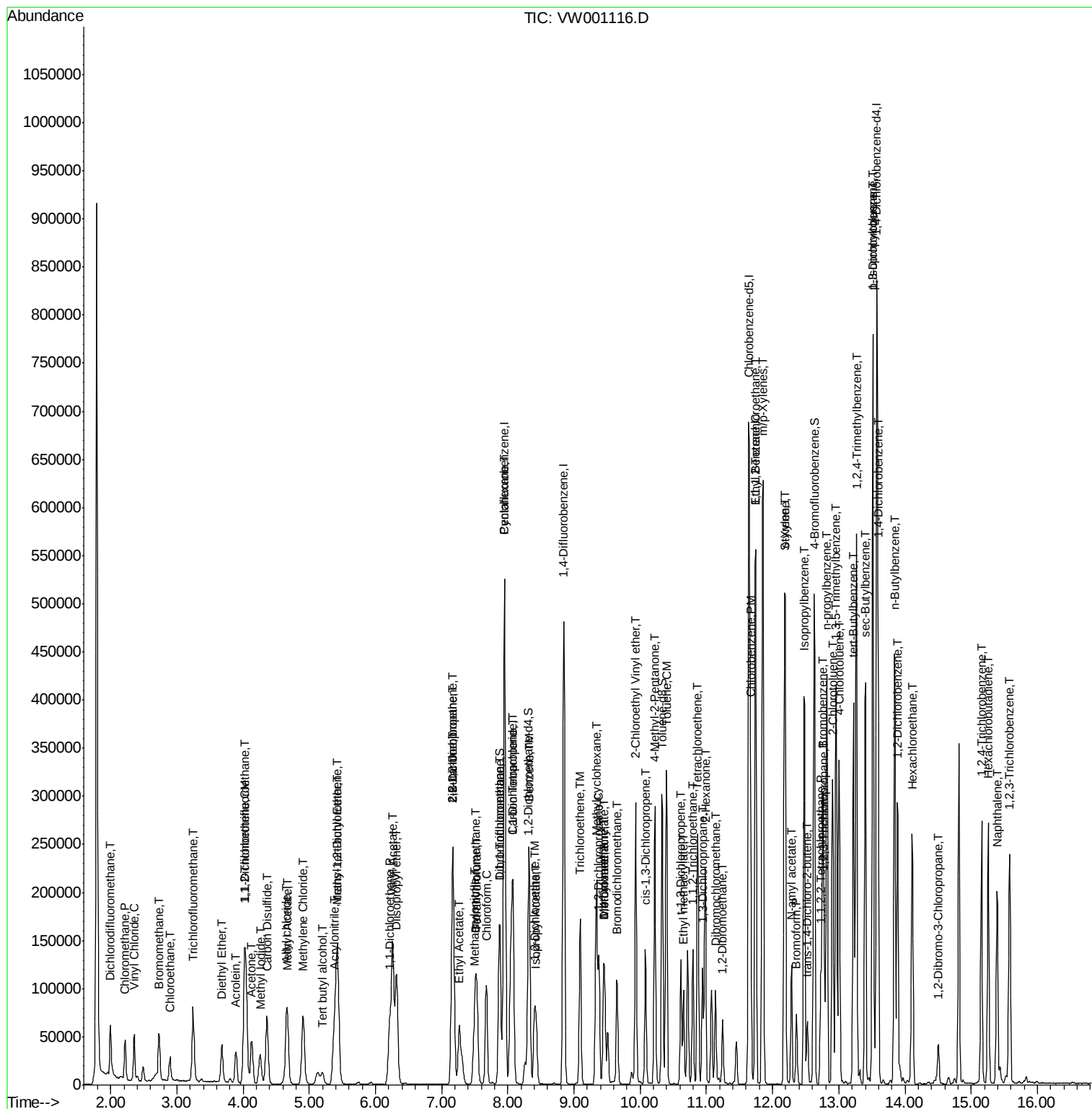
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	92757	20.24	ug/l	100
94) Hexachlorobutadiene	15.26	225	57100	20.15	ug/l	98
95) Naphthalene	15.39	128	176245	19.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	85731	20.28	ug/l	98

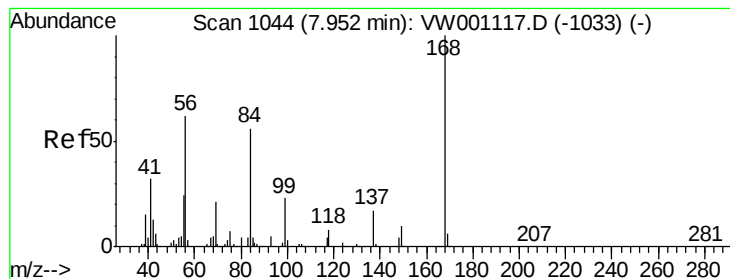
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW001116.D
Acq On : 29 Jan 2018 12:54
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

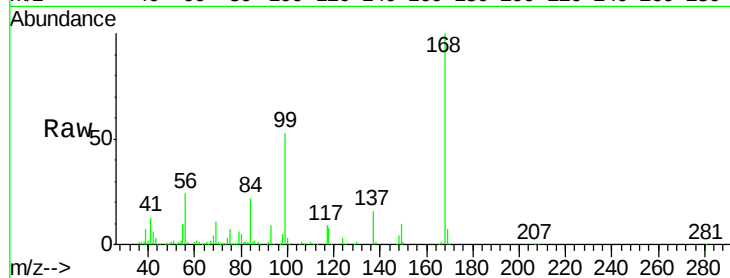
VSTDIC020

Tgt Ion:168 Resp: 301552

Ion Ratio Lower Upper

168 100

99 53.2 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

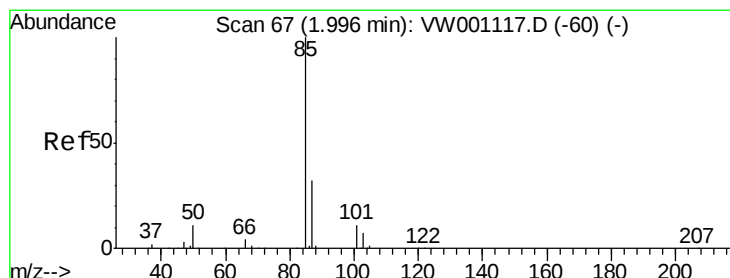
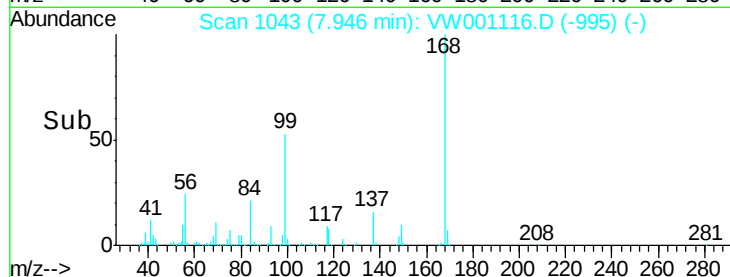
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.06 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VW001116.D

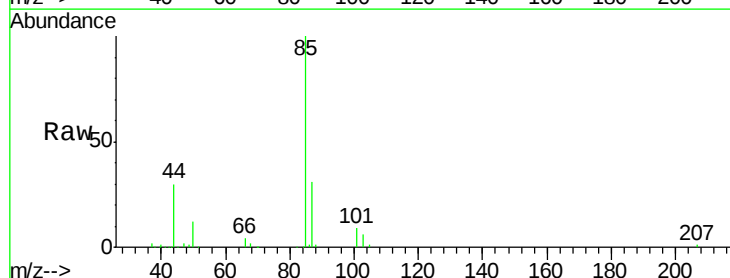
Acq: 29 Jan 2018 12:54

Tgt Ion: 85 Resp: 48700

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

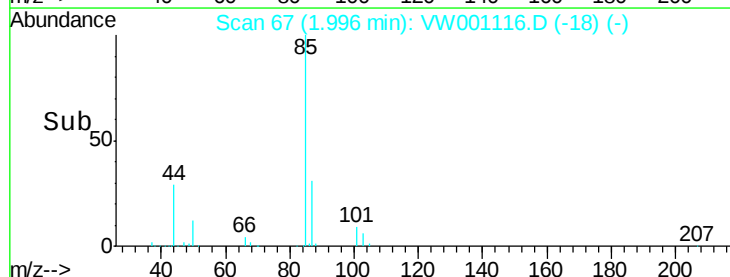
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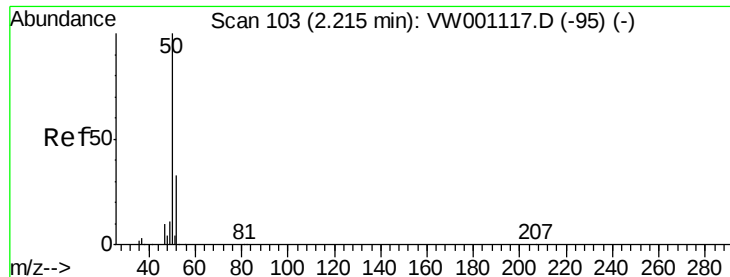
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.15 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampled :

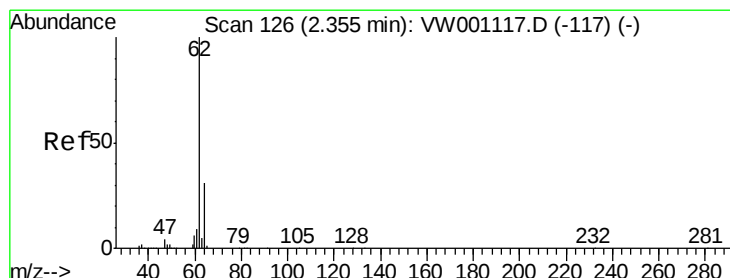
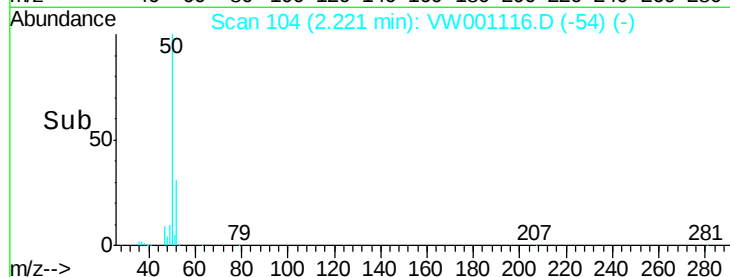
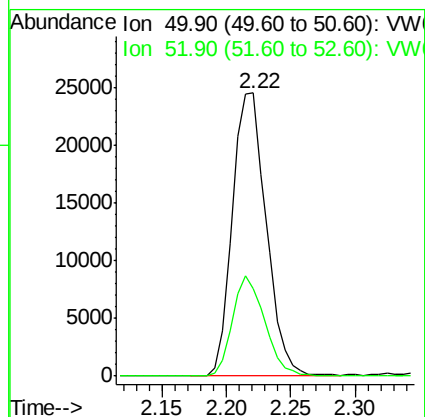
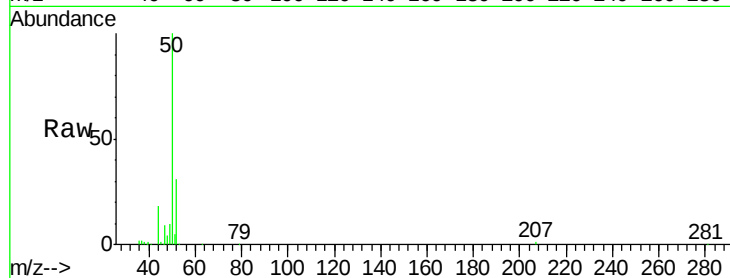
VSTDIC020

Tgt Ion: 50 Resp: 44970

Ion Ratio Lower Upper

50 100

52 31.0 26.2 39.4



#4

Vinyl Chloride

Concen: 19.84 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW001116.D

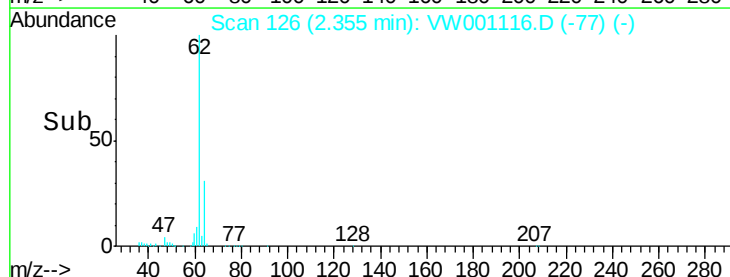
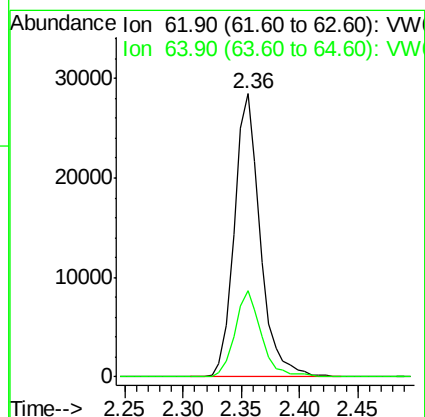
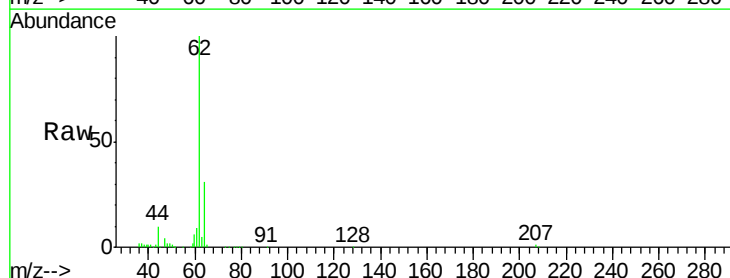
Acq: 29 Jan 2018 12:54

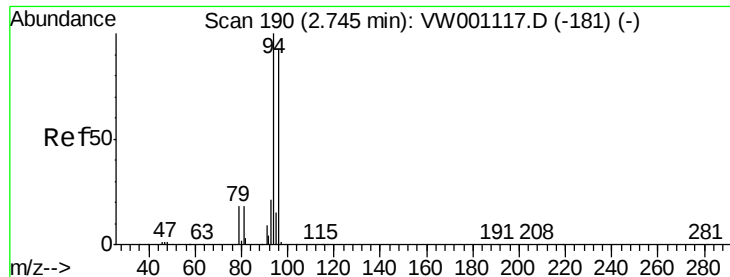
Tgt Ion: 62 Resp: 44093

Ion Ratio Lower Upper

62 100

64 30.5 25.2 37.8





#5

Bromomethane

Concen: 20.51 ug/l

RT: 2.73 min Scan# 187

Delta R.T. -0.02 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

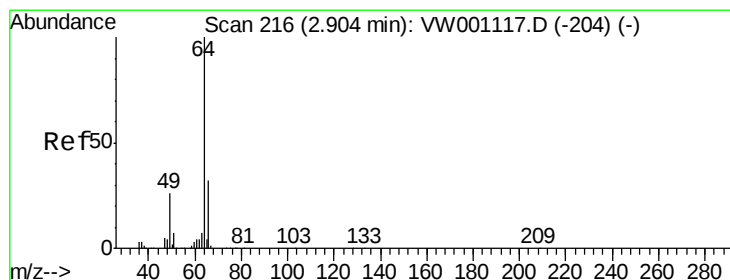
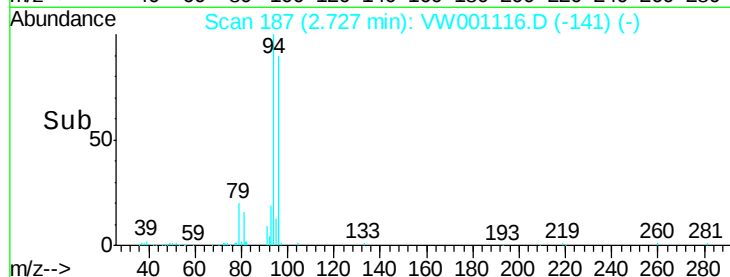
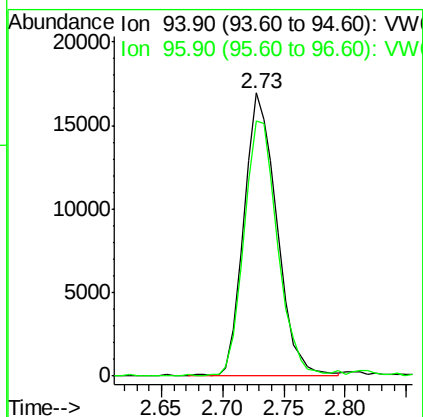
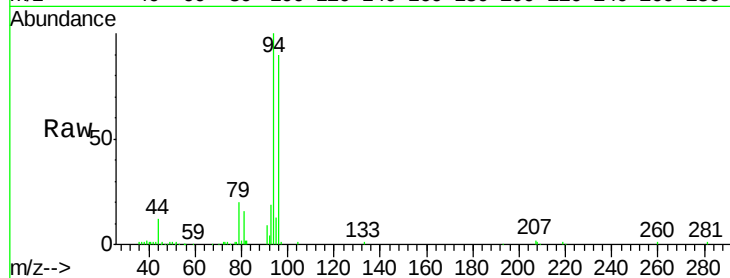
VSTDIC020

Tgt Ion: 94 Resp: 31661

Ion Ratio Lower Upper

94 100

96 89.6 73.7 110.5



#6

Chloroethane

Concen: 19.36 ug/l

RT: 2.90 min Scan# 215

Delta R.T. -0.01 min

Lab File: VW001116.D

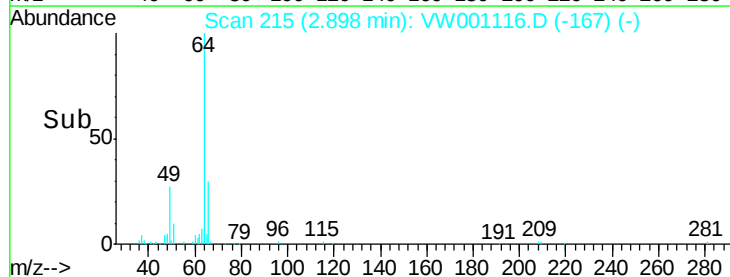
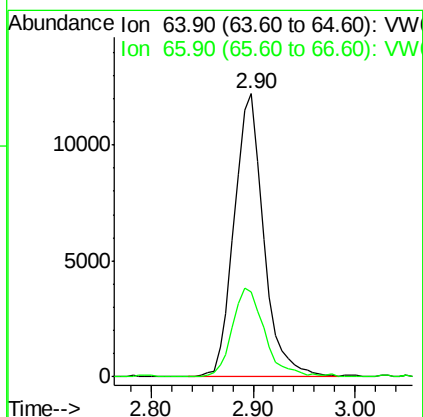
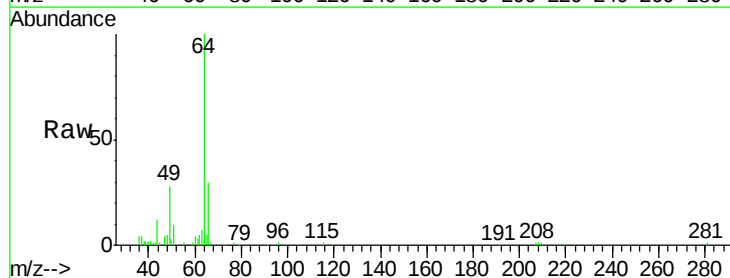
Acq: 29 Jan 2018 12:54

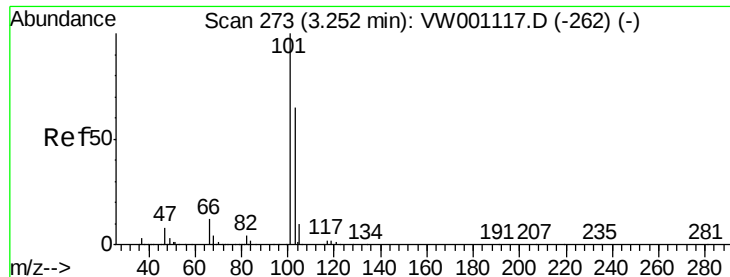
Tgt Ion: 64 Resp: 24422

Ion Ratio Lower Upper

64 100

66 30.1 25.8 38.8



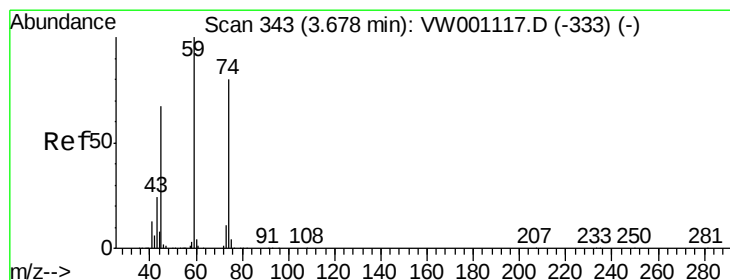
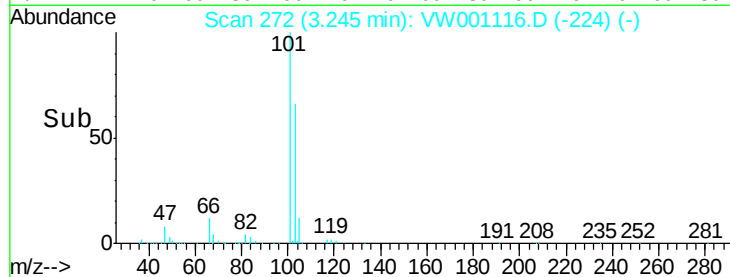
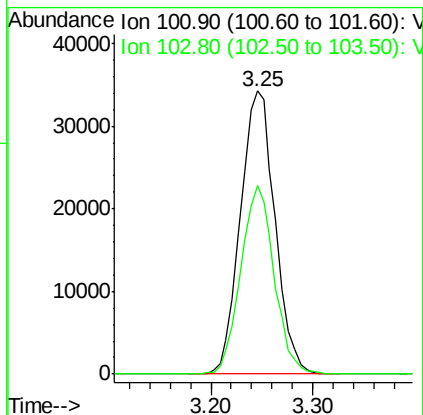
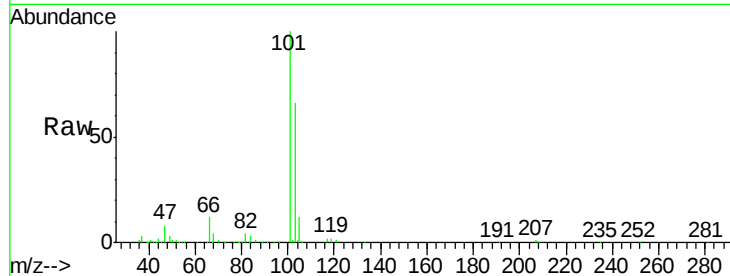


#7

Trichlorofluoromethane
 Concen: 19.52 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW001116.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

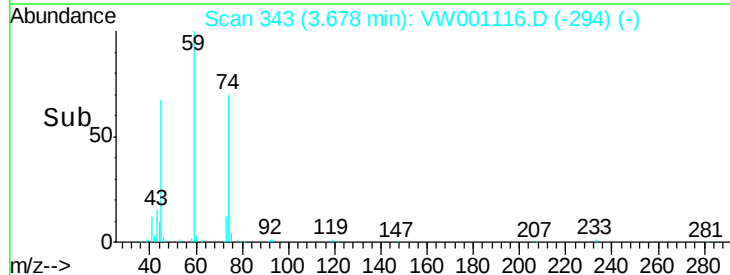
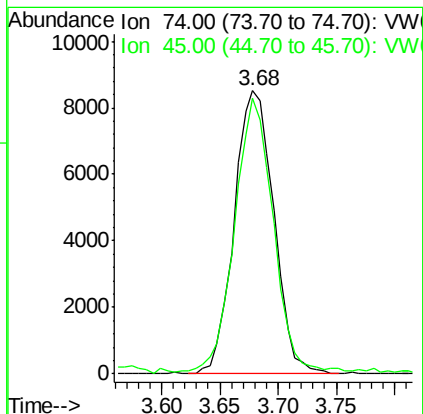
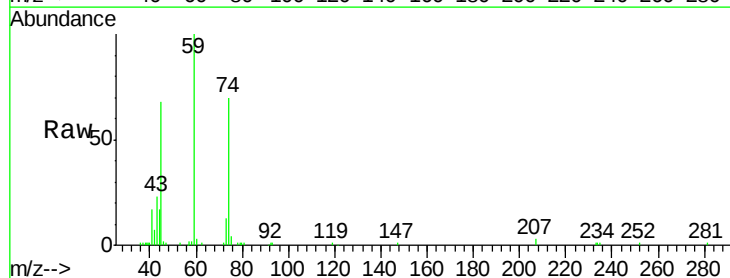
Tgt Ion: 101 Resp: 80593
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.9 77.9

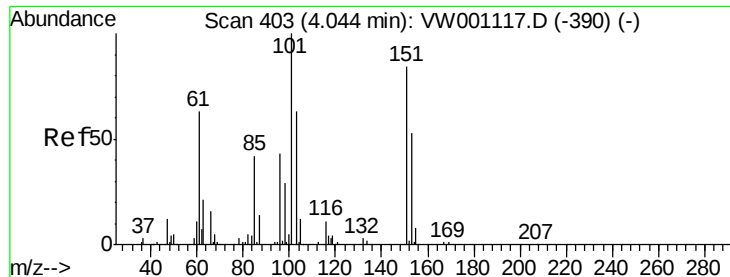


#8

Diethyl Ether
 Concen: 18.75 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion: 74 Resp: 20151
 Ion Ratio Lower Upper
 74 100
 45 95.0 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.41 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

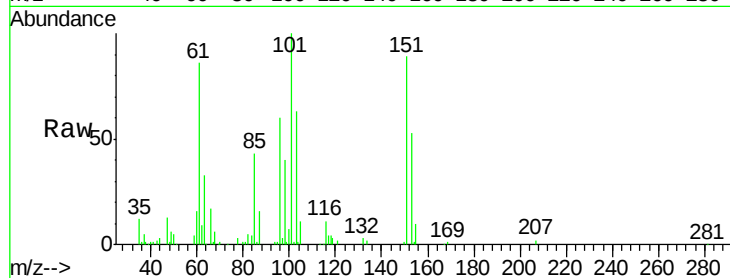
Tgt Ion:101 Resp: 56077

Ion Ratio Lower Upper

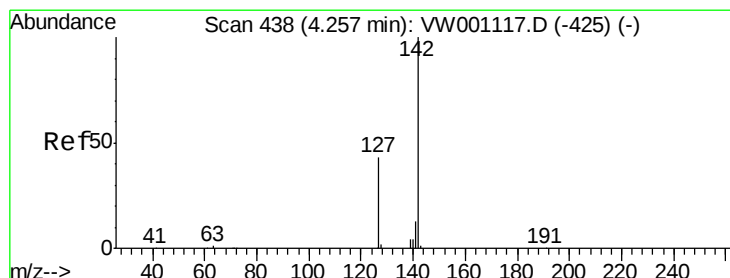
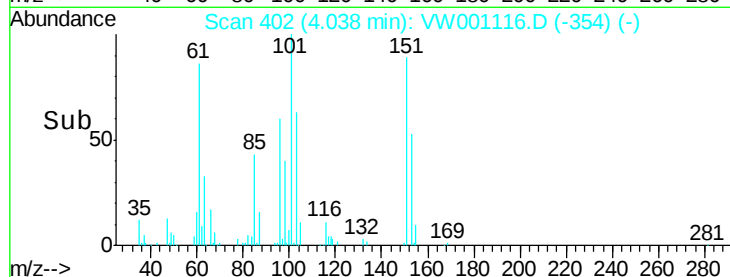
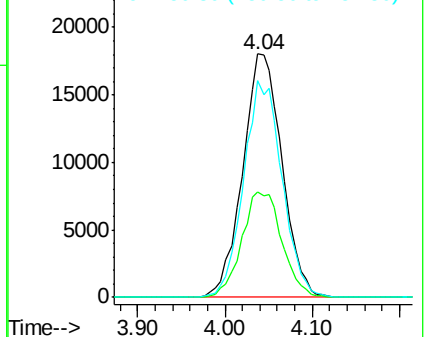
101 100

85 44.1 34.9 52.3

151 87.3 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: 18.00 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

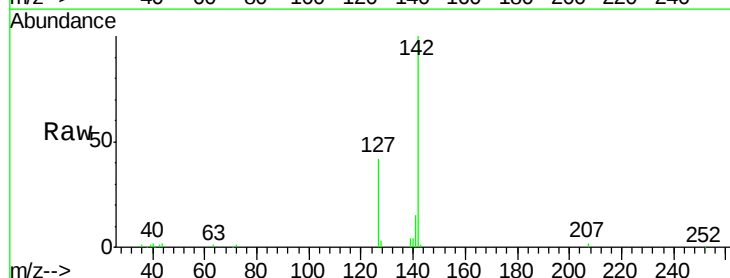
Tgt Ion:142 Resp: 52203

Ion Ratio Lower Upper

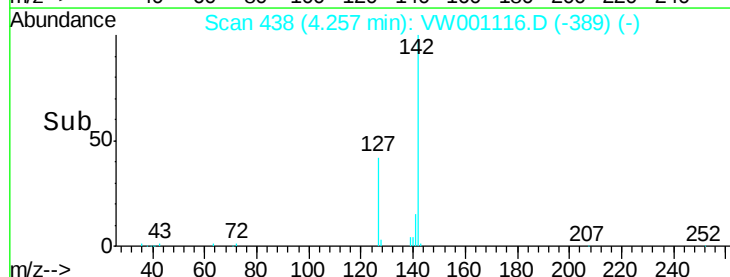
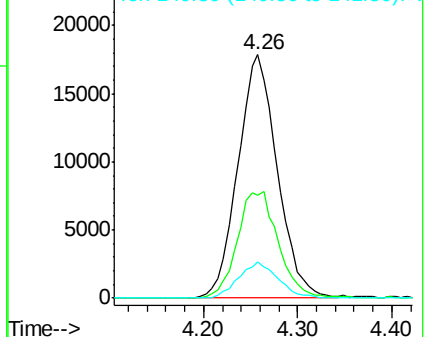
142 100

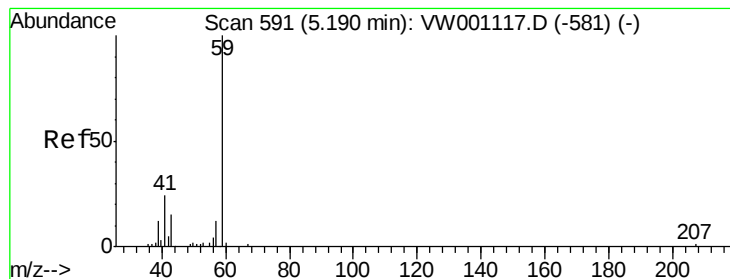
127 45.6 35.4 53.2

141 14.8 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: 90.43 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

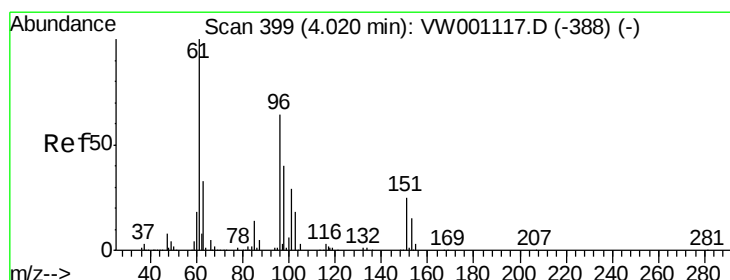
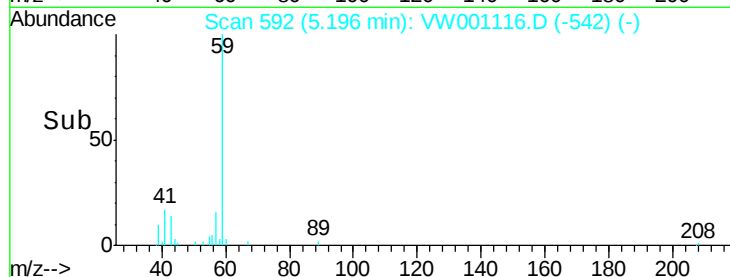
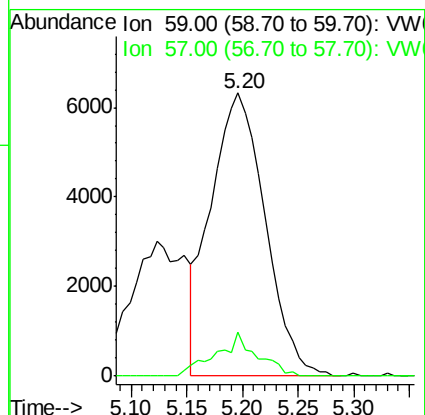
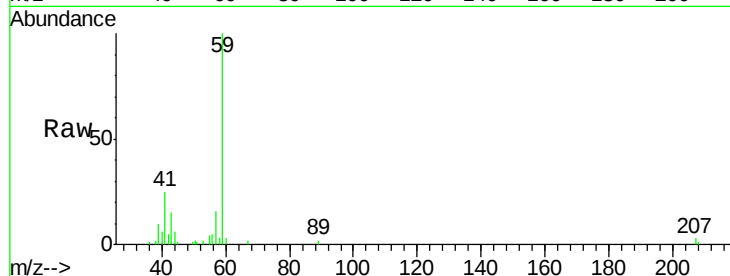
VSTDIC020

Tgt Ion: 59 Resp: 21383

Ion Ratio Lower Upper

59 100

57 11.6 7.8 11.8



#12

1,1-Dichloroethene

Concen: 19.78 ug/l

RT: 4.02 min Scan# 399

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

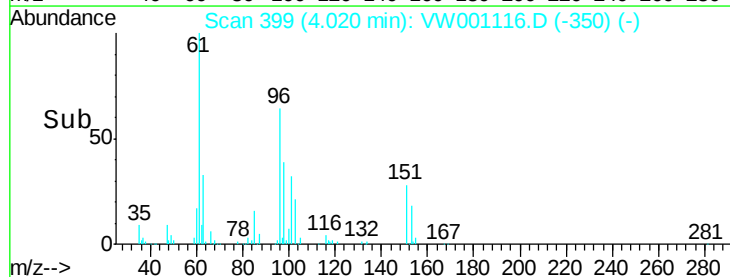
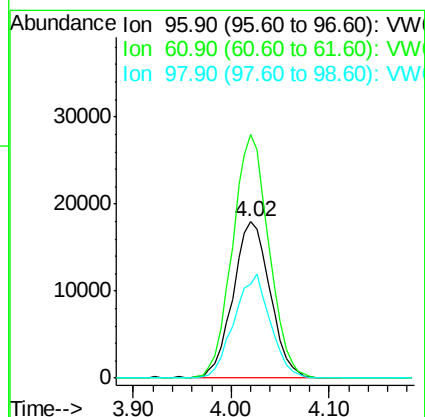
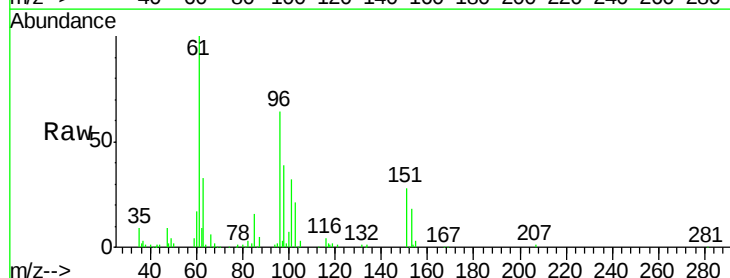
Tgt Ion: 96 Resp: 47470

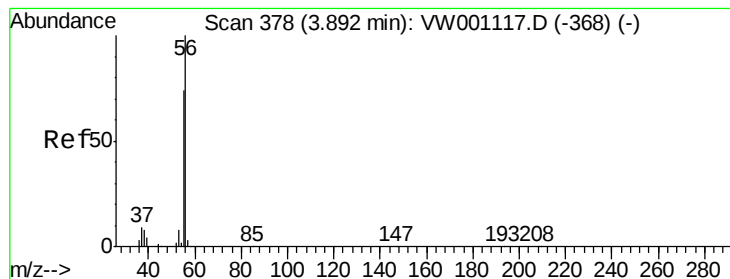
Ion Ratio Lower Upper

96 100

61 155.8 125.2 187.8

98 60.3 50.3 75.5





#13

Acrolein

Concen: 99.19 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

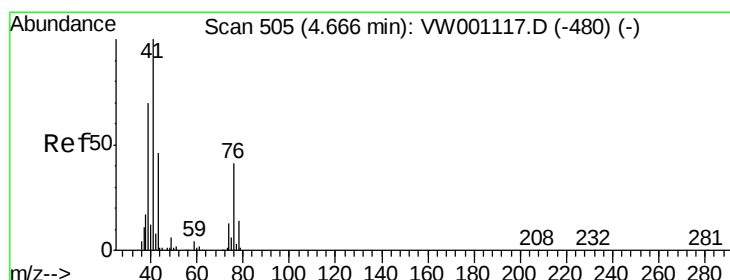
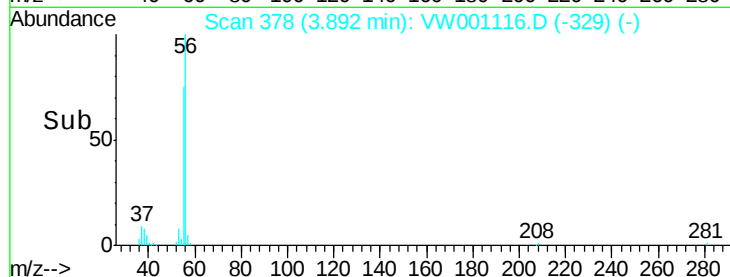
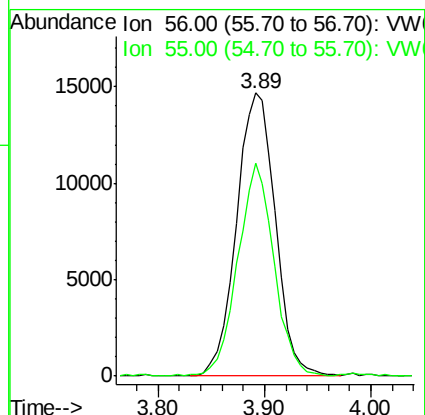
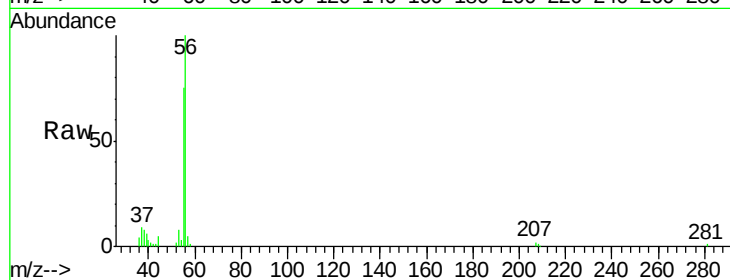
VSTDIC020

Tgt Ion: 56 Resp: 37523

Ion Ratio Lower Upper

56 100

55 70.3 58.2 87.4



#14

Allyl chloride

Concen: 18.86 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

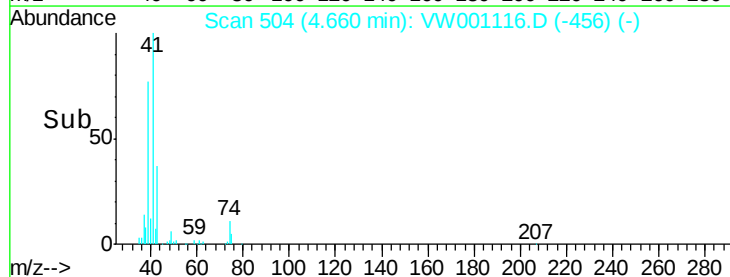
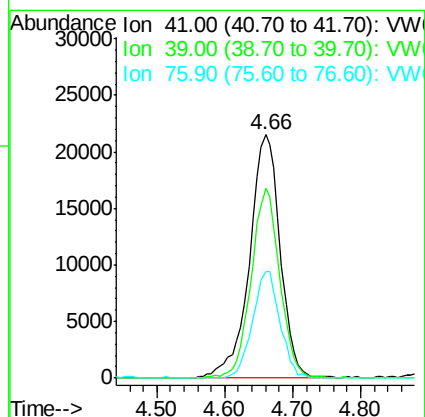
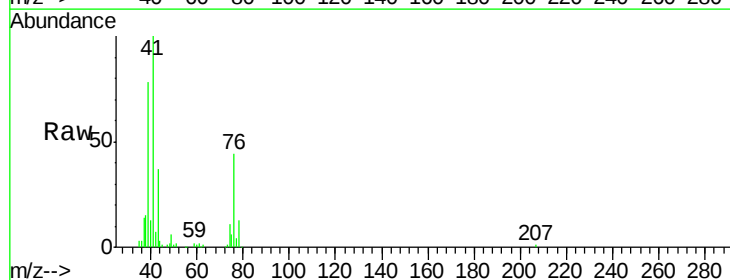
Tgt Ion: 41 Resp: 67624

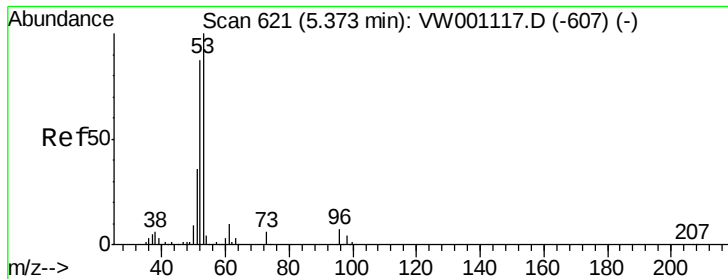
Ion Ratio Lower Upper

41 100

39 72.8 55.9 83.9

76 39.3 31.0 46.6





#15

Acrylonitrile

Concen: 92.75 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

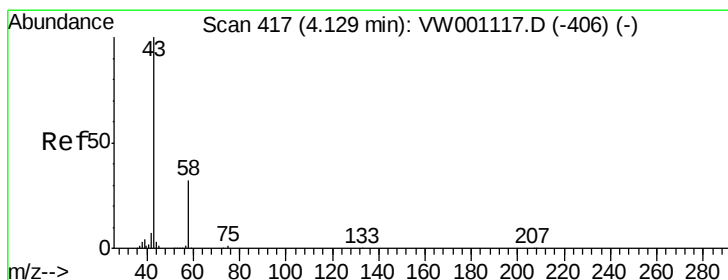
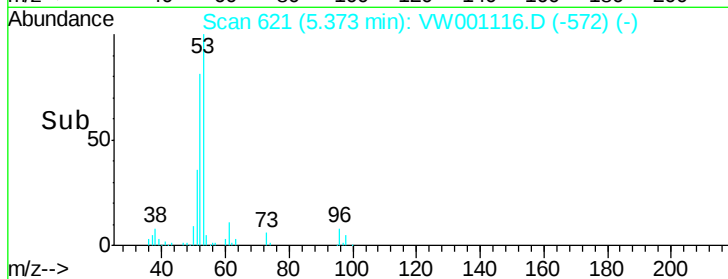
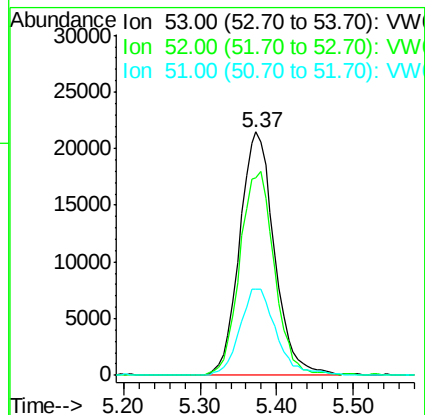
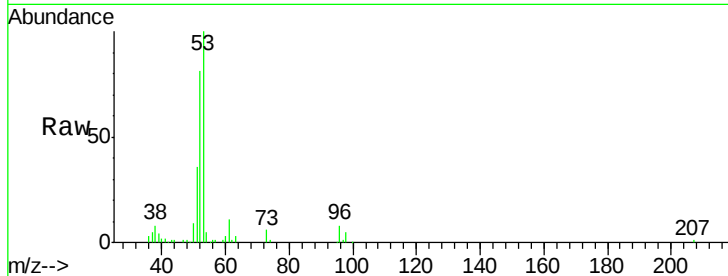
Tgt Ion: 53 Resp: 67667

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 37.5 29.5 44.3



#16

Acetone

Concen: 95.56 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW001116.D

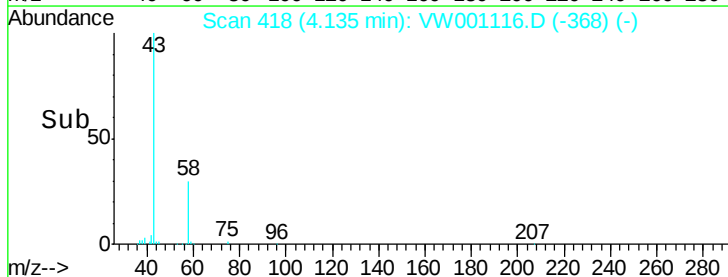
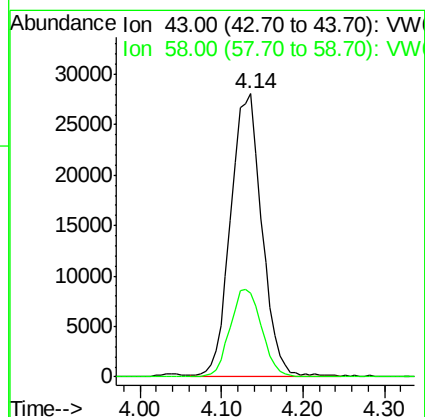
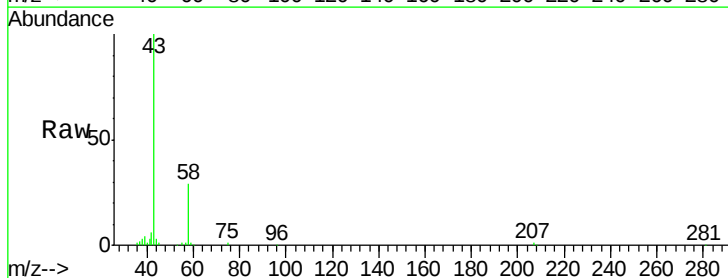
Acq: 29 Jan 2018 12:54

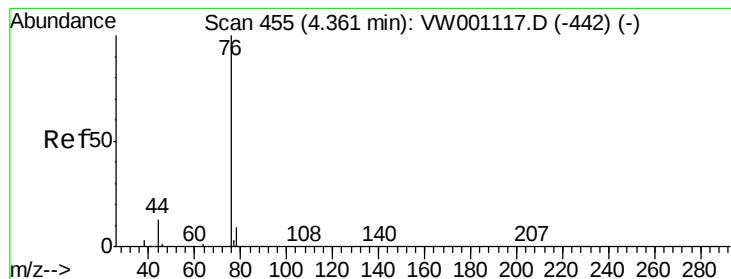
Tgt Ion: 43 Resp: 73659

Ion Ratio Lower Upper

43 100

58 29.6 25.7 38.5





#17

Carbon Disulfide

Concen: 19.49 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

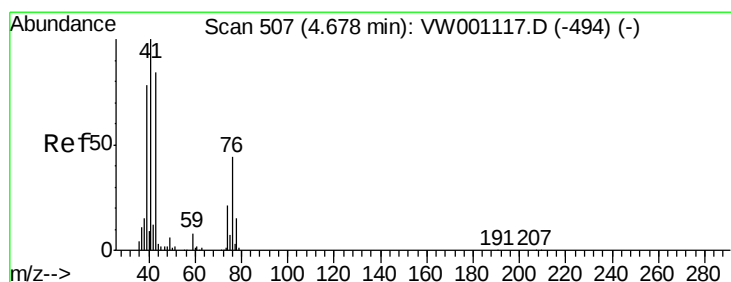
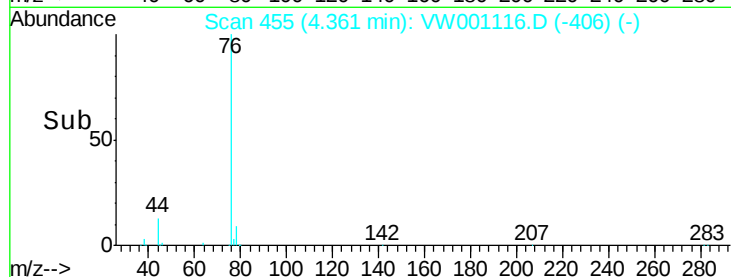
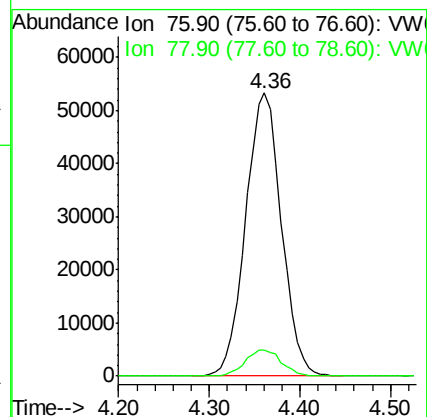
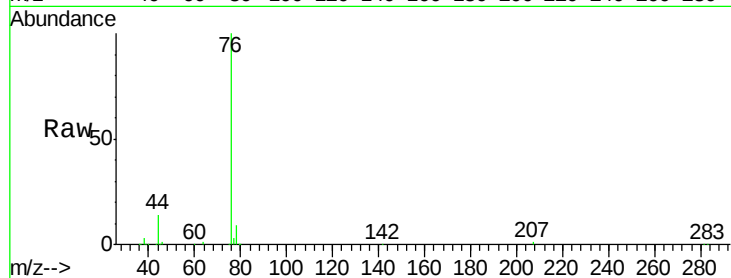
VSTDIC020

Tgt Ion: 76 Resp: 145258

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#18

Methyl Acetate

Concen: 17.96 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW001116.D

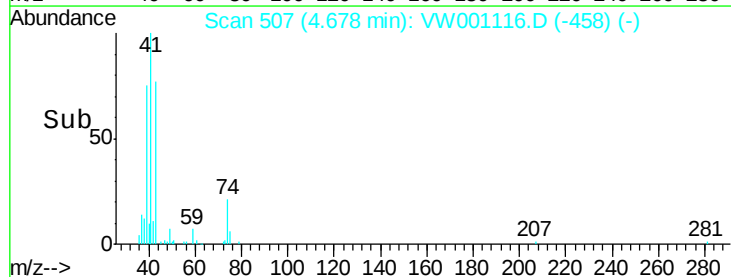
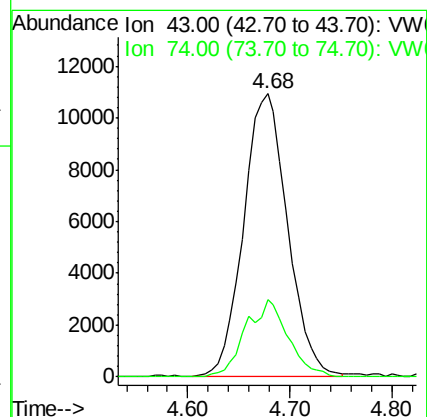
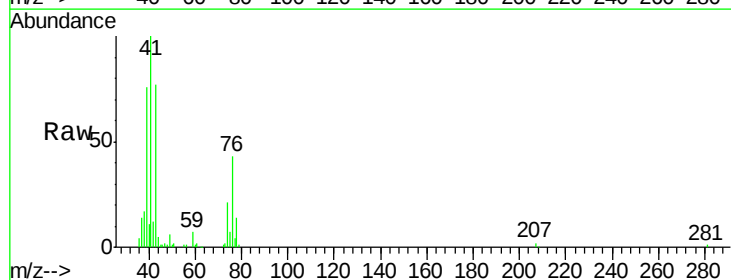
Acq: 29 Jan 2018 12:54

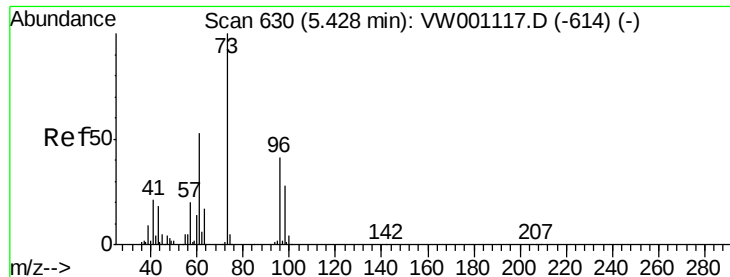
Tgt Ion: 43 Resp: 32822

Ion Ratio Lower Upper

43 100

74 26.3 20.2 30.2

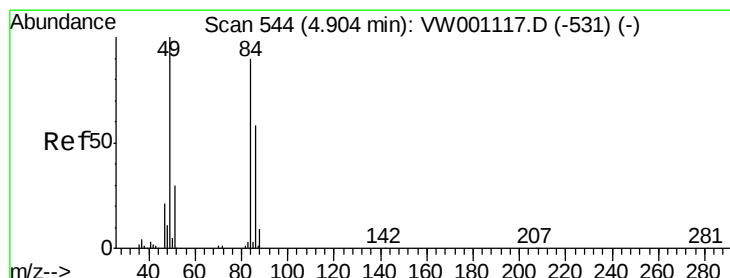
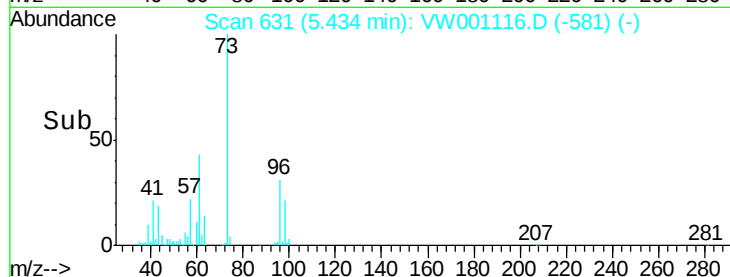
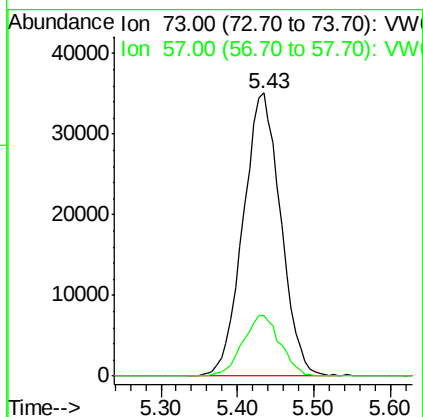
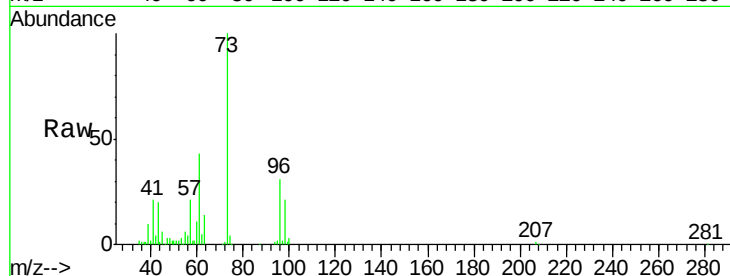




#19
Methyl tert-butyl Ether
Concen: 19.32 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

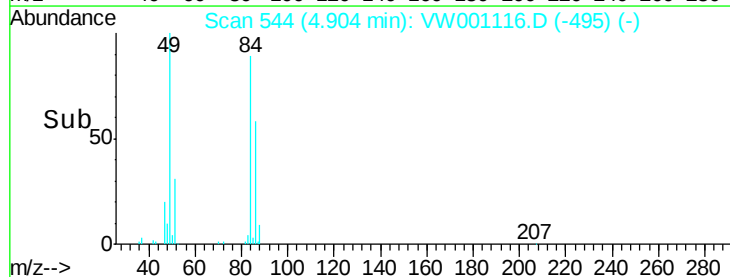
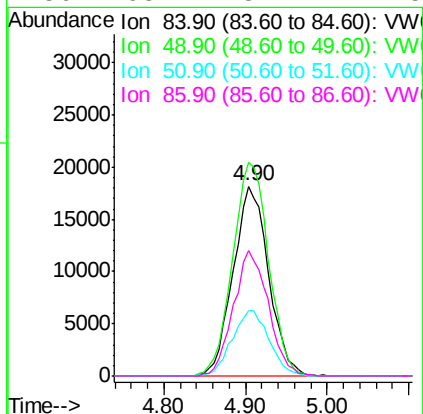
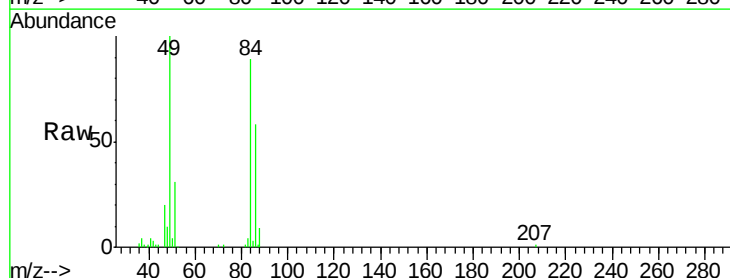
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

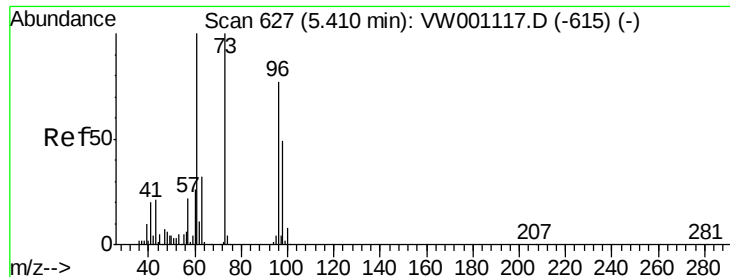
Tgt Ion: 73 Resp: 119997
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1



#20
Methylene Chloride
Concen: 20.02 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 84 Resp: 54797
Ion Ratio Lower Upper
84 100
49 112.4 89.2 133.8
51 34.4 26.7 40.1
86 65.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

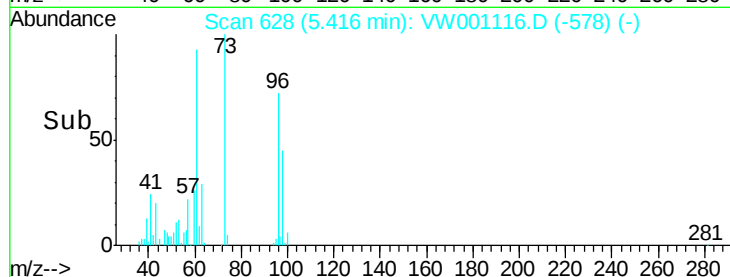
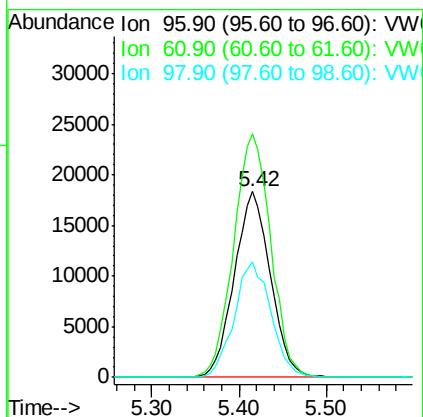
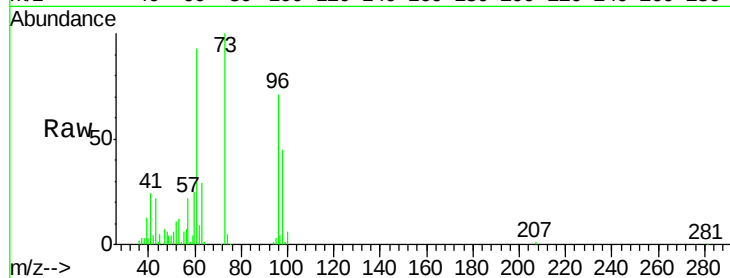
Tgt Ion: 96 Resp: 52511

Ion Ratio Lower Upper

96 100

61 130.9 104.6 156.8

98 62.5 50.8 76.2



#22

Diisopropyl ether

Concen: 20.37 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Tgt Ion: 45 Resp: 139909

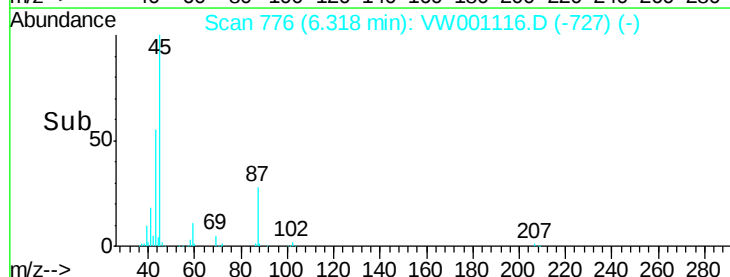
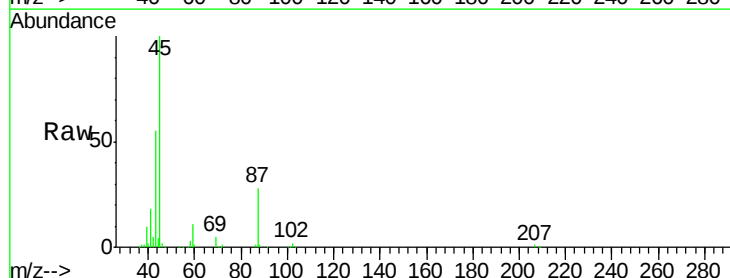
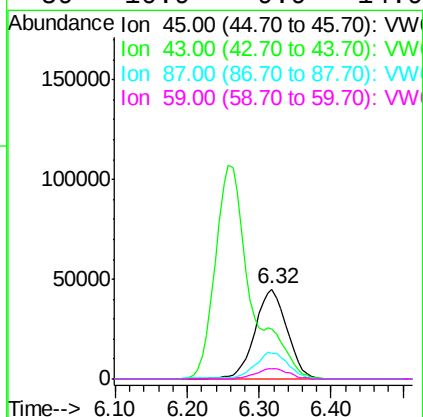
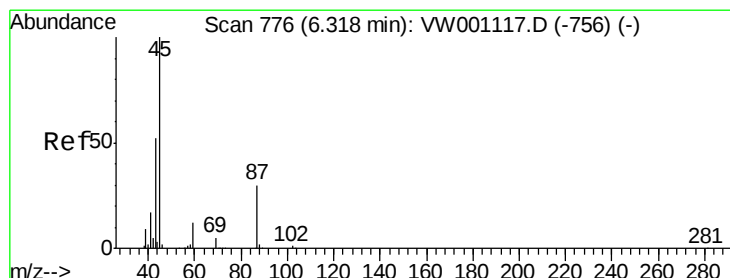
Ion Ratio Lower Upper

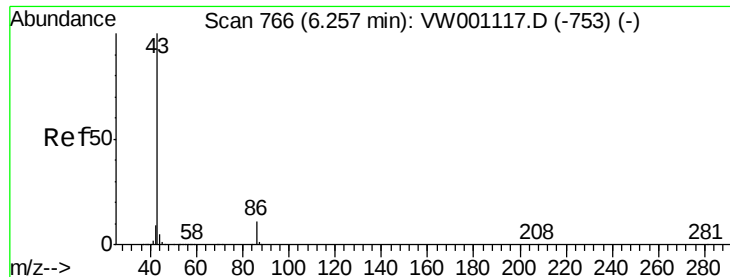
45 100

43 54.4 41.6 62.4

87 28.5 24.5 36.7

59 10.9 9.9 14.9





#23

Vinyl Acetate

Concen: 89.61 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

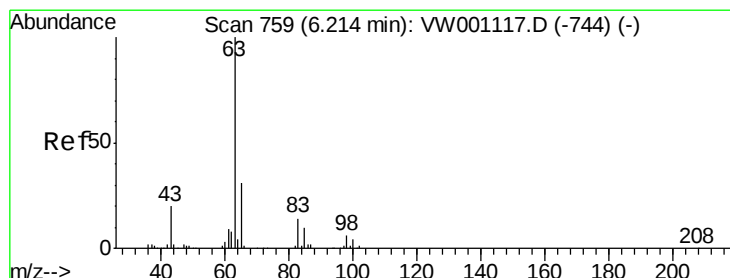
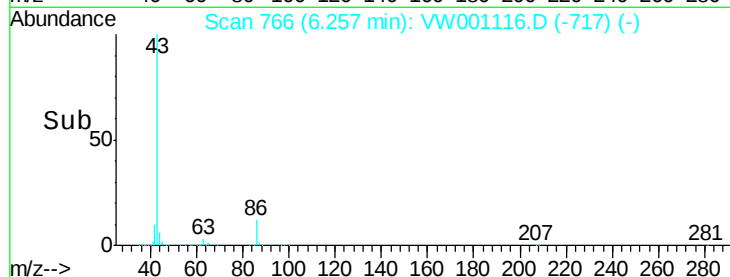
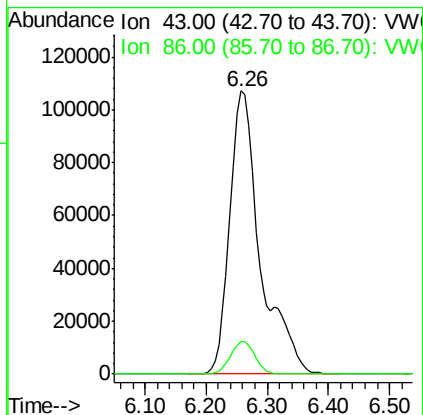
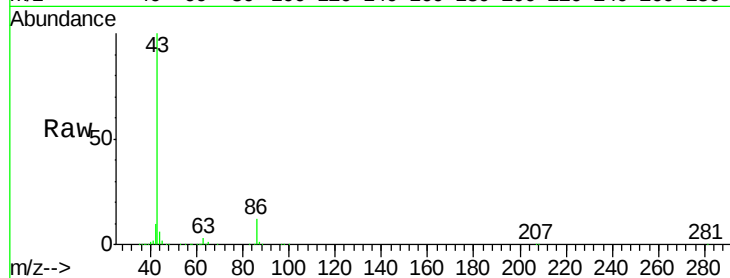
VSTDIC020

Tgt Ion: 43 Resp: 368828

Ion Ratio Lower Upper

43 100

86 11.7 9.0 13.6



#24

1,1-Dichloroethane

Concen: 19.95 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

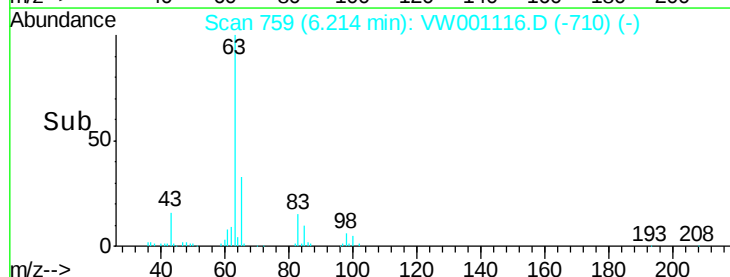
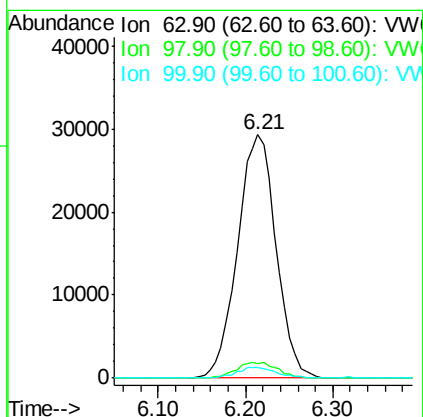
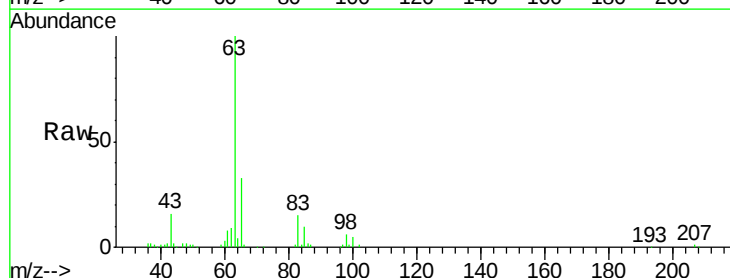
Tgt Ion: 63 Resp: 89426

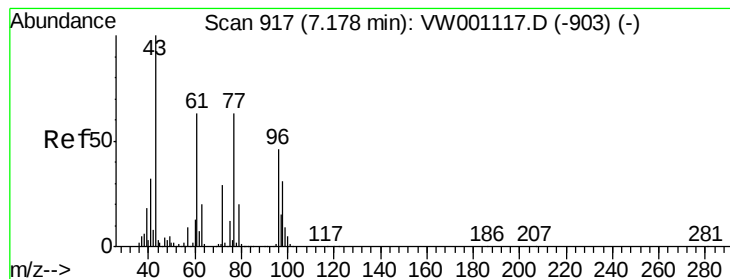
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 89.75 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampled :

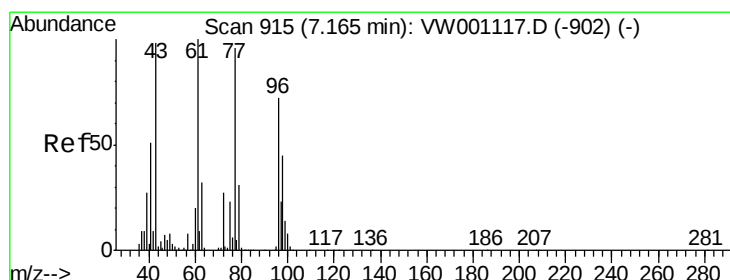
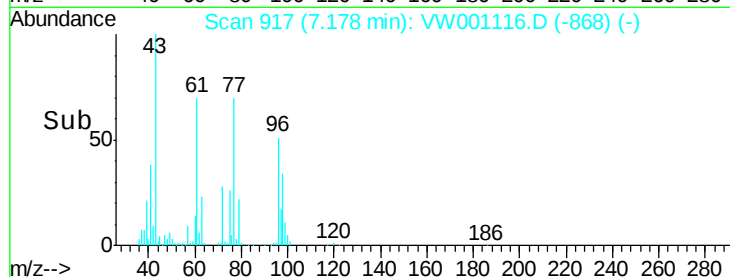
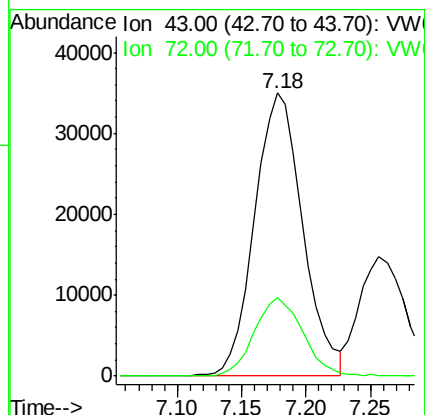
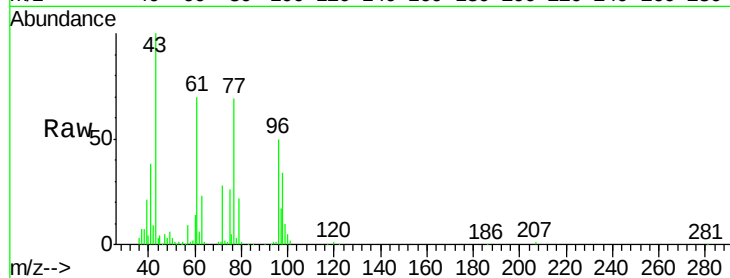
VSTDIC020

Tgt Ion: 43 Resp: 90804

Ion Ratio Lower Upper

43 100

72 27.8 22.8 34.2



#26

2,2-Dichloropropane

Concen: 19.80 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW001116.D

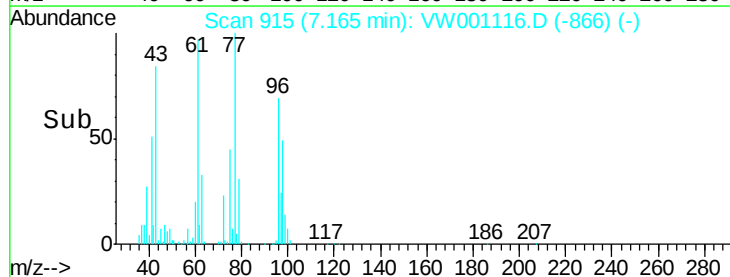
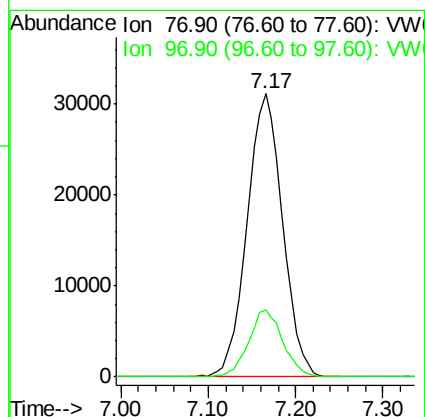
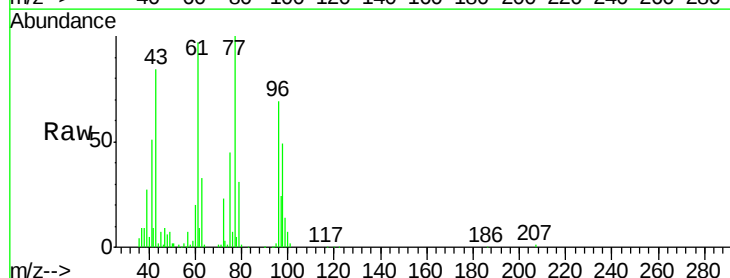
Acq: 29 Jan 2018 12:54

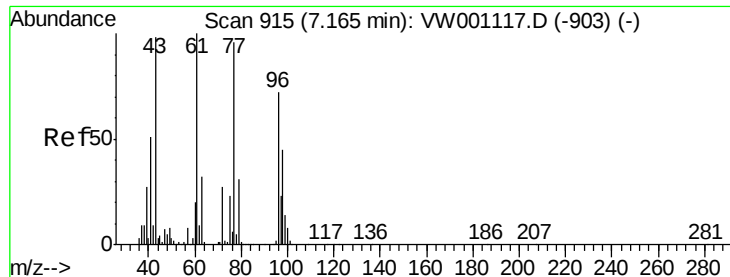
Tgt Ion: 77 Resp: 87785

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7



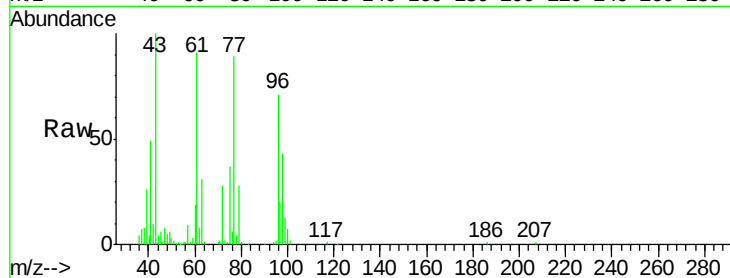


#27

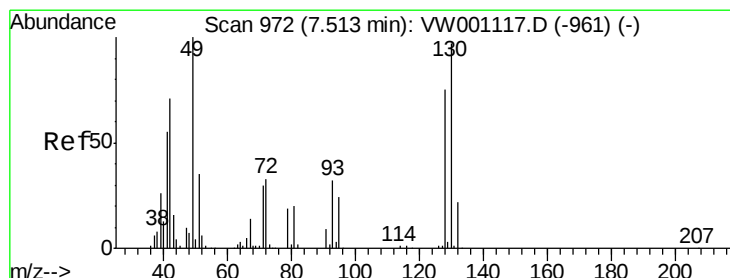
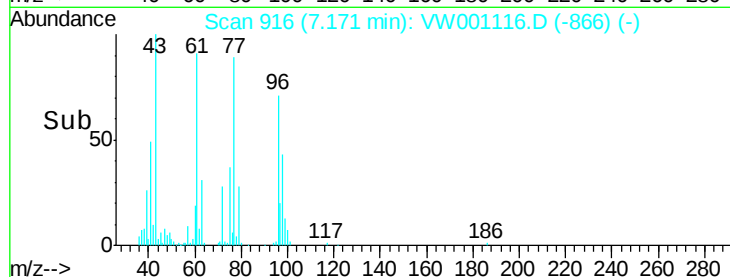
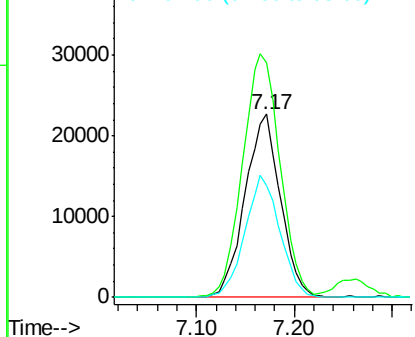
cis-1,2-Dichloroethene
 Concen: 19.89 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 56879
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 280.4
 98 65.6 0.0 129.6



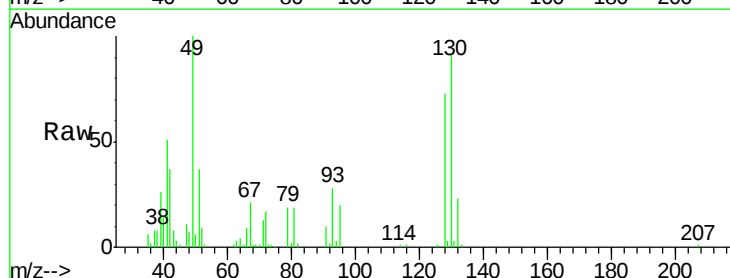
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



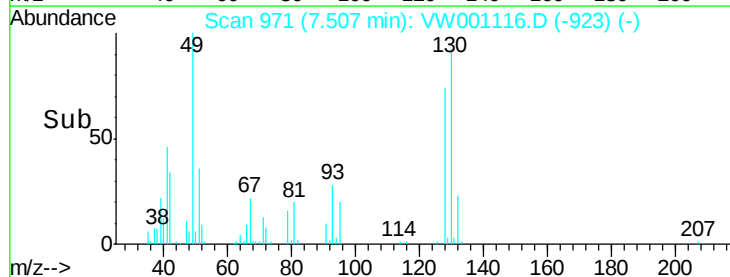
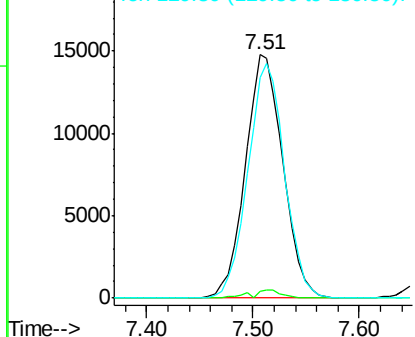
#28

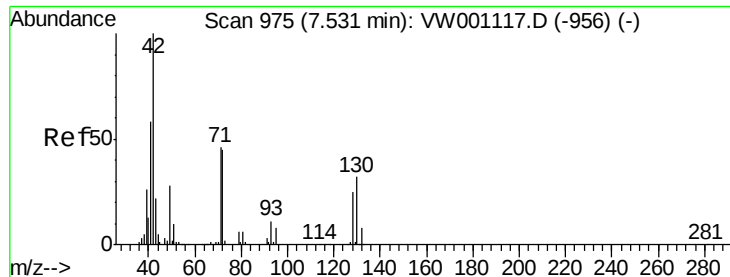
Bromochloromethane
 Concen: 20.09 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion: 49 Resp: 36595
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 2.6#
 130 94.0 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

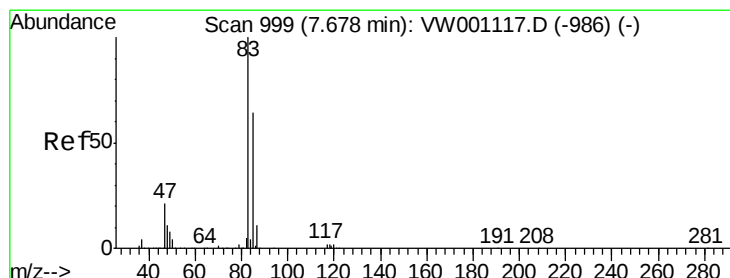
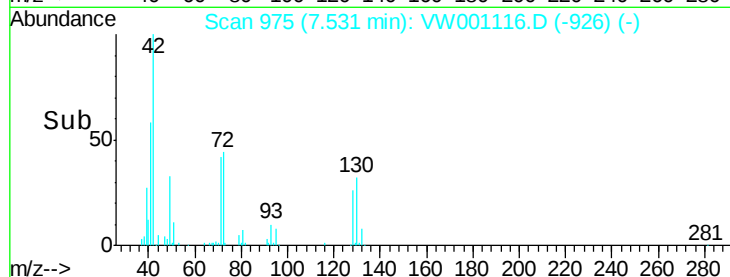
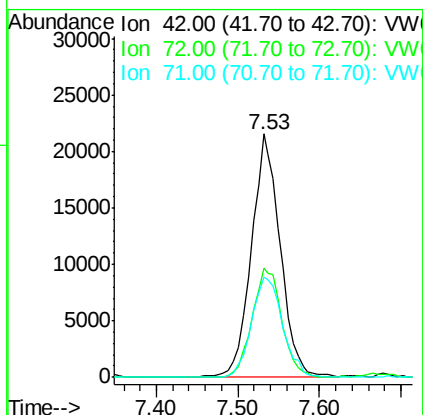
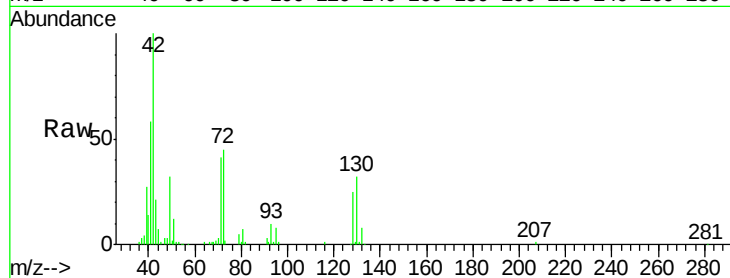




#29
Tetrahydrofuran
Concen: 92.37 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

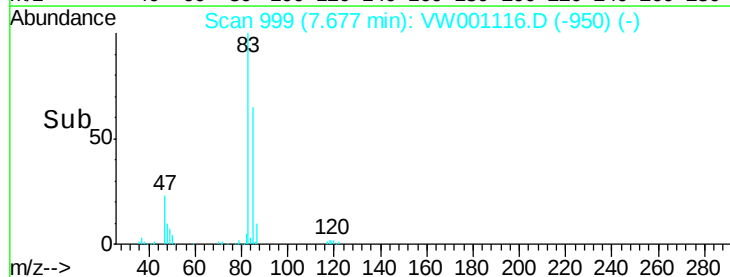
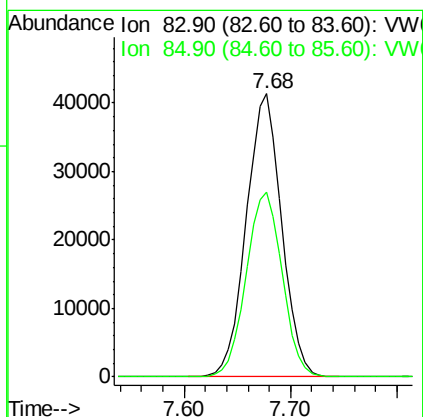
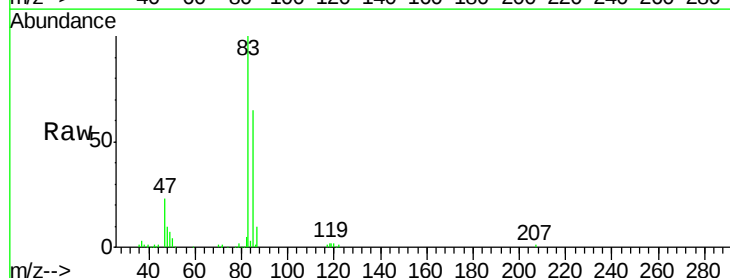
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

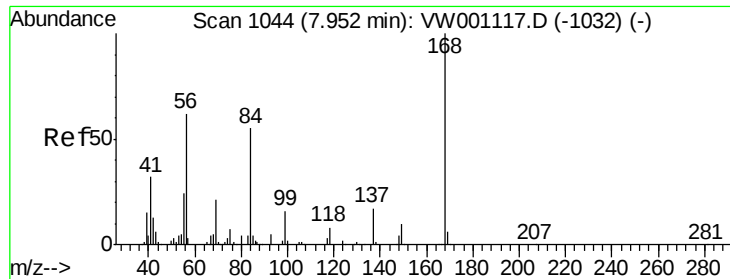
Tgt Ion: 42 Resp: 53372
Ion Ratio Lower Upper
42 100
72 46.0 36.8 55.2
71 44.2 35.1 52.7



#30
Chloroform
Concen: 19.84 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 83 Resp: 96378
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2

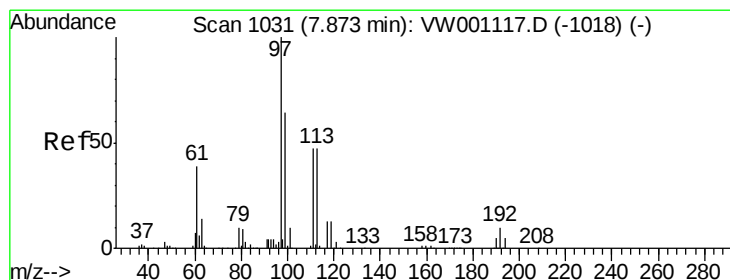
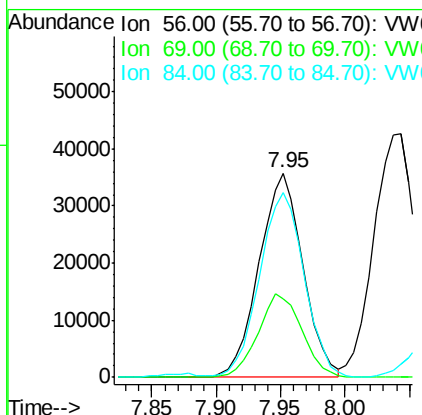
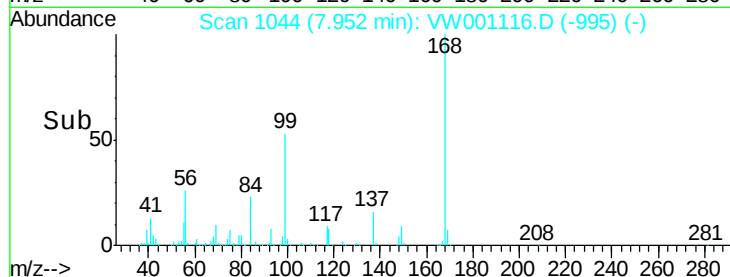
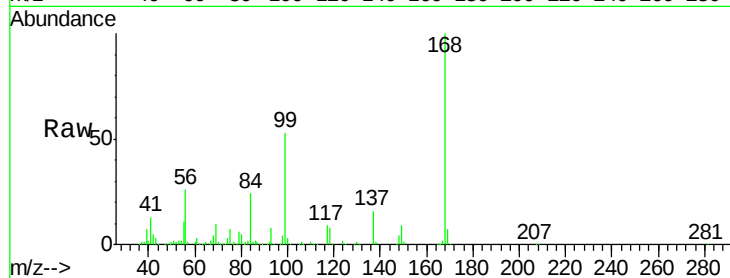




#31
Cyclohexane
Concen: 19.39 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

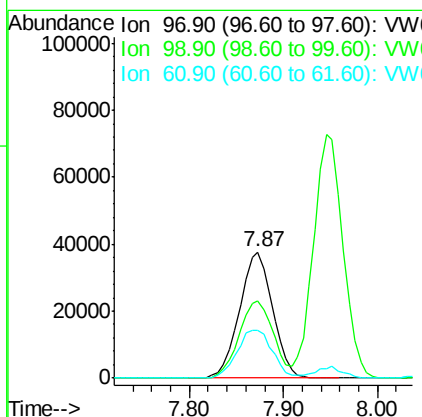
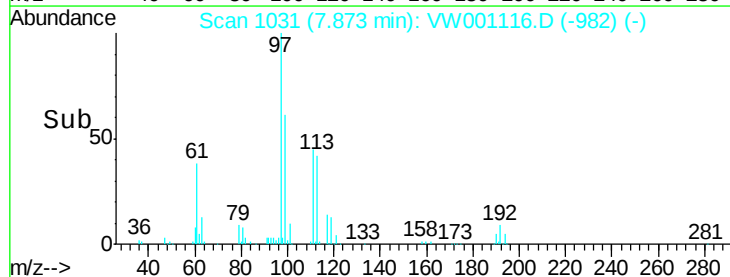
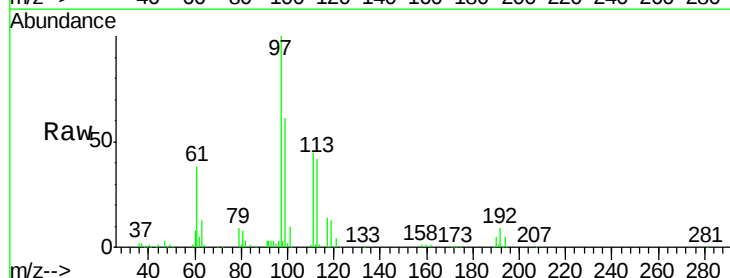
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

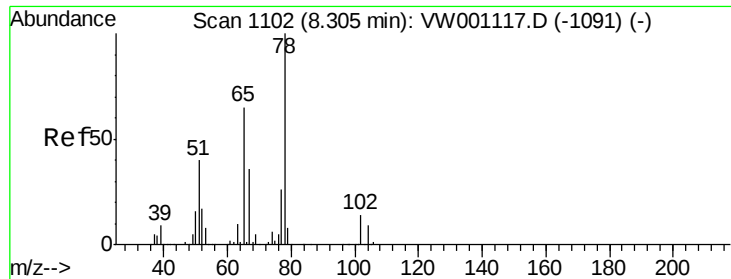
Tgt Ion: 56 Resp: 84333
Ion Ratio Lower Upper
56 100
69 38.5 27.4 41.0
84 88.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 19.94 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 97 Resp: 91639
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 40.8 32.4 48.6

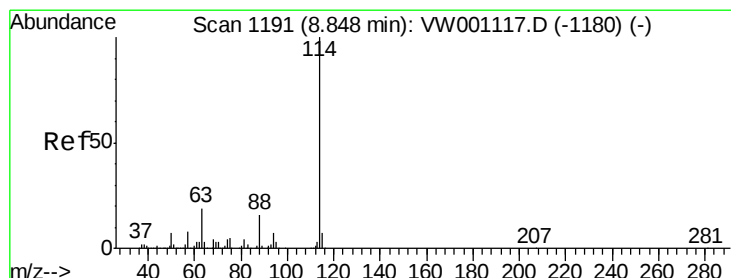
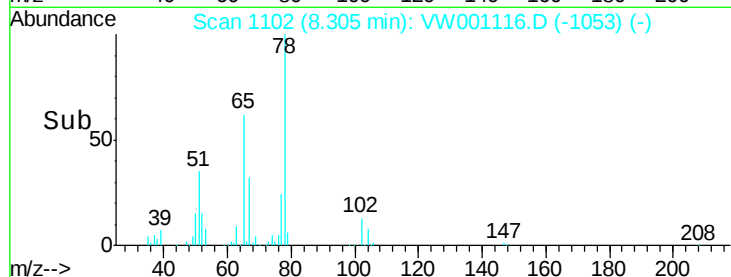
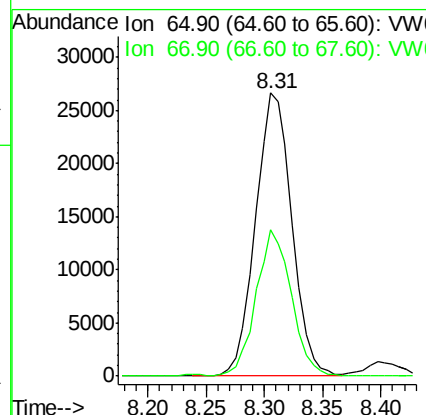
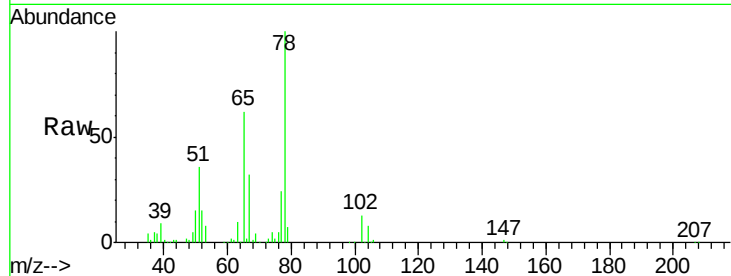




#33
 1,2-Dichloroethane-d4
 Concen: 19.78 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

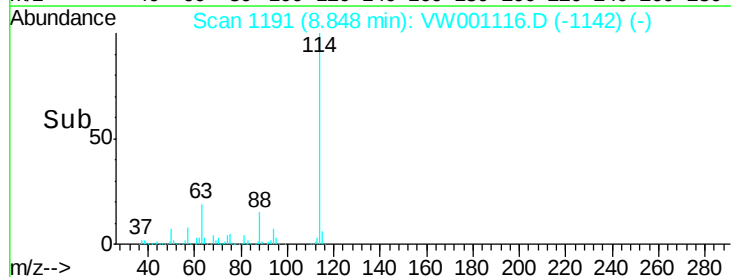
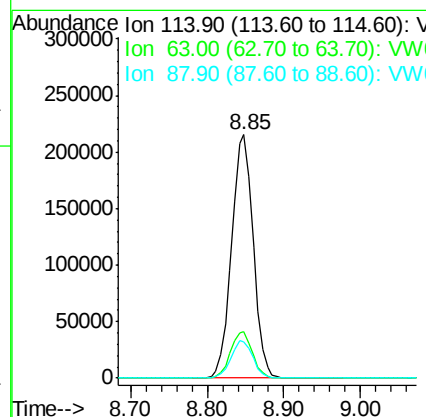
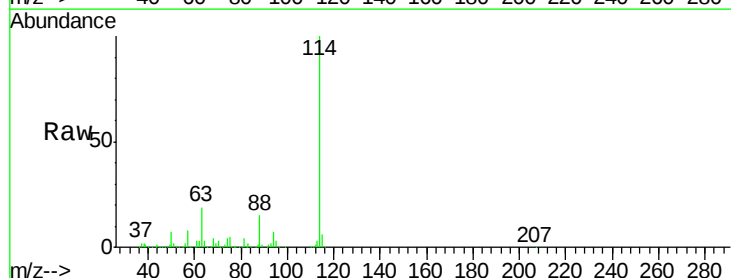
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

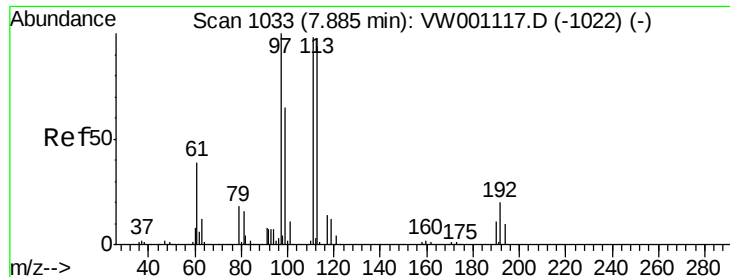
Tgt Ion: 65 Resp: 57990
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion: 114 Resp: 419529
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.2
 88 14.7 0.0 31.0

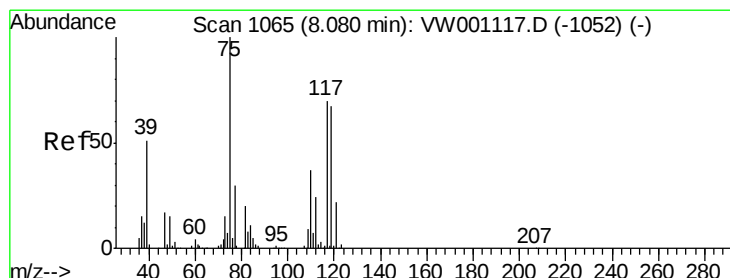
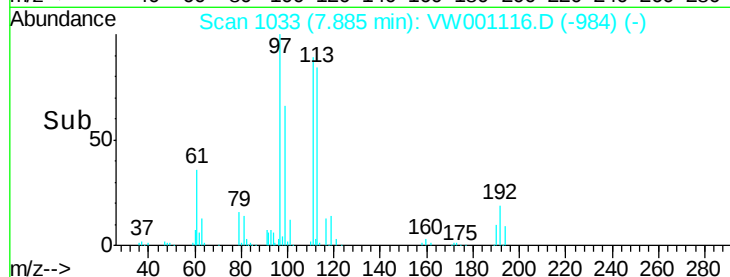
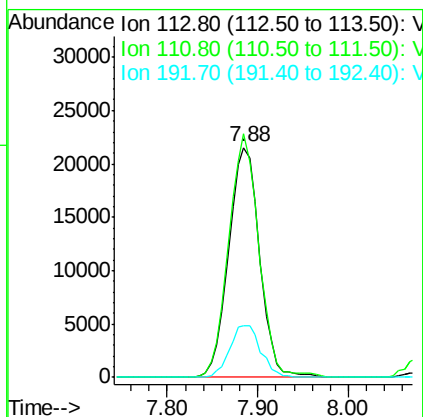
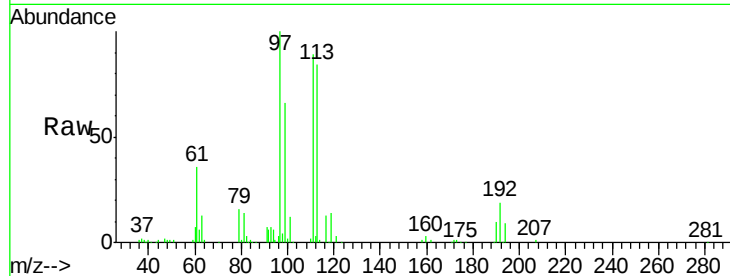




#35
 Dibromofluoromethane
 Concen: 18.99 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

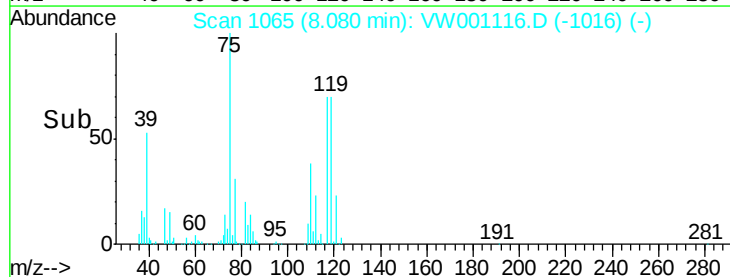
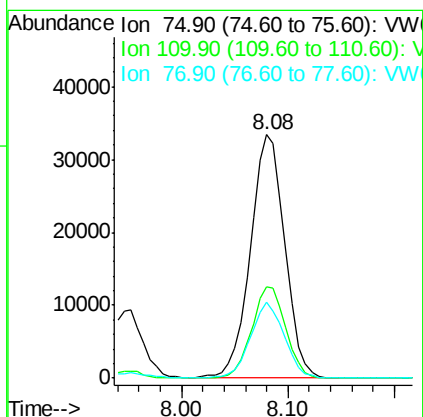
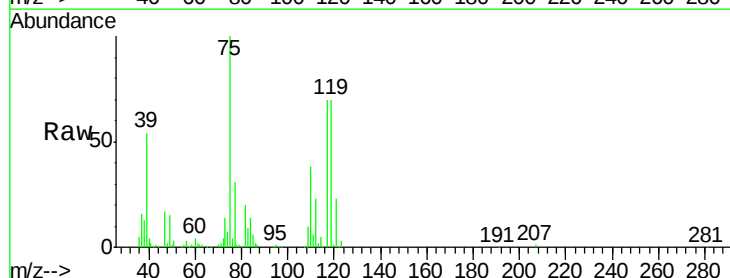
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

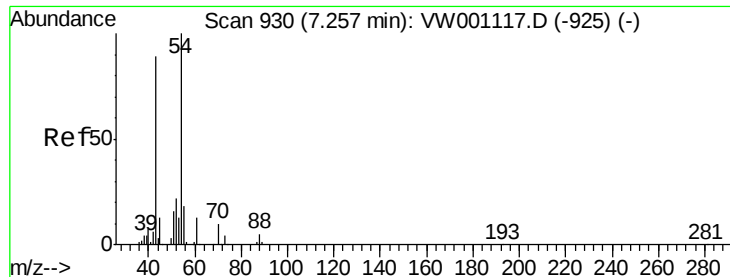
Tgt Ion: 113 Resp: 50959
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.1 124.7
 192 22.4 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 19.94 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion: 75 Resp: 75514
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.7 56.1
 77 30.9 24.6 37.0

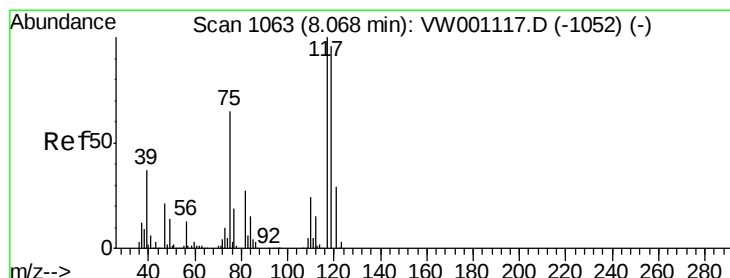
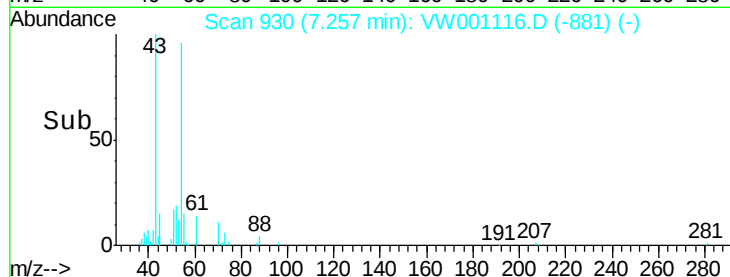
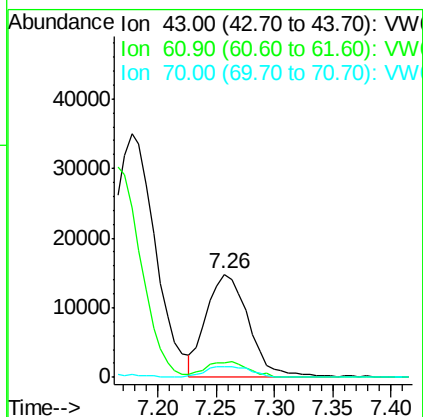
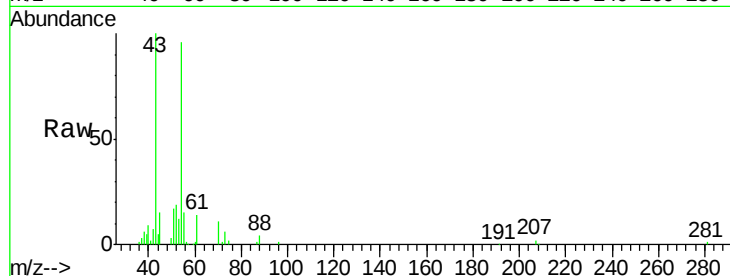




#37
Ethyl Acetate
Concen: 18.42 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

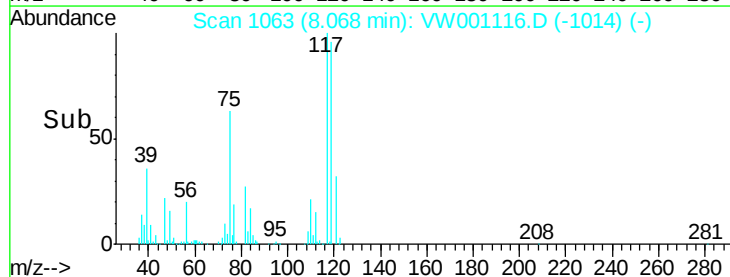
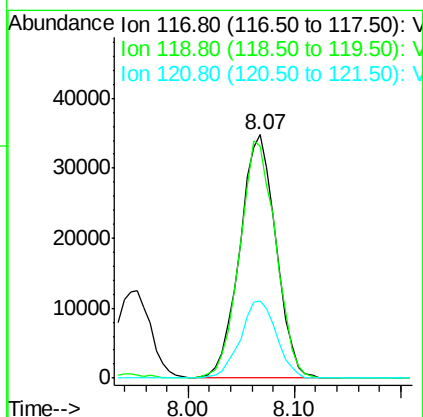
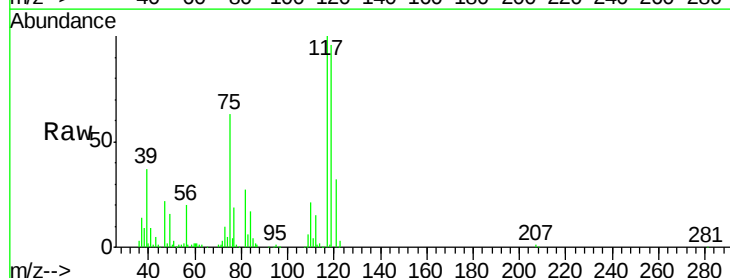
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

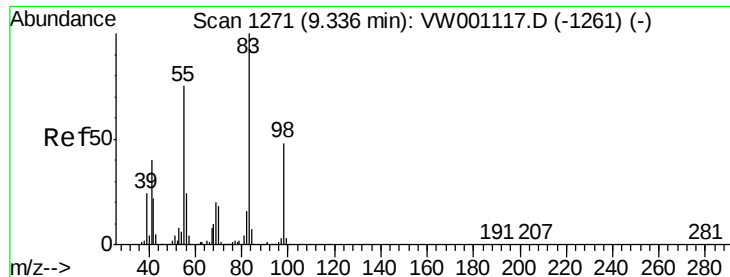
Tgt Ion: 43 Resp: 36880
Ion Ratio Lower Upper
43 100
61 15.7 11.9 17.9
70 11.8 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.61 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 117 Resp: 82970
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.4
121 31.8 23.5 35.3

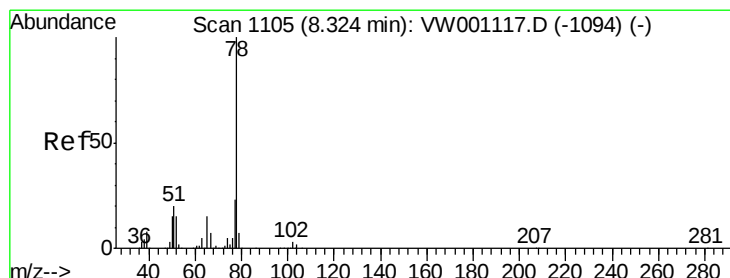
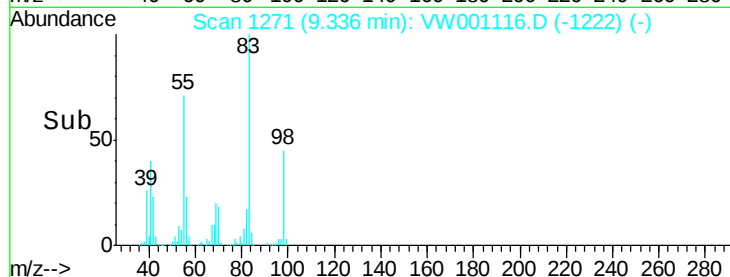
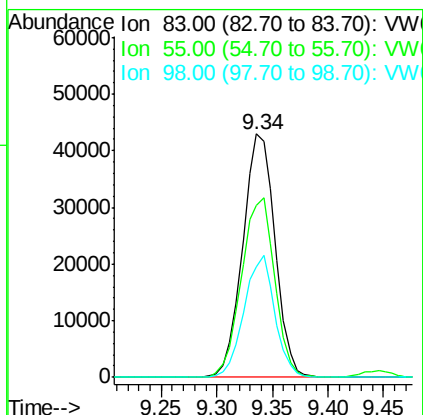
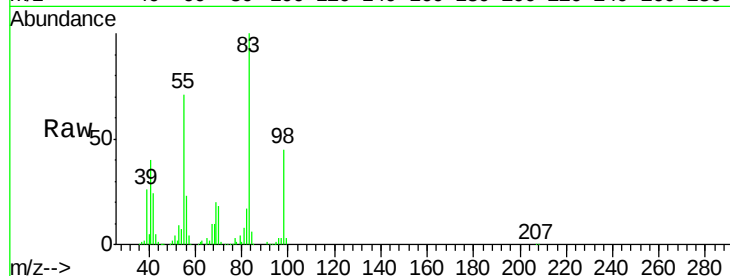




#39
Methylcyclohexane
Concen: 19.42 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

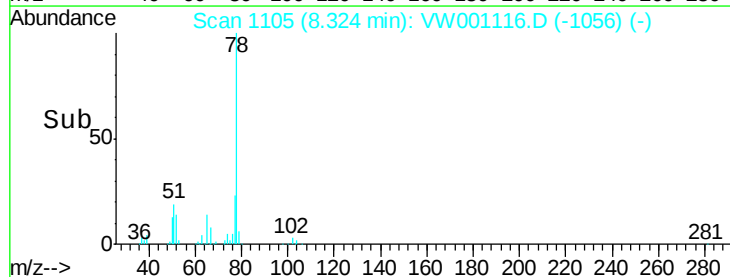
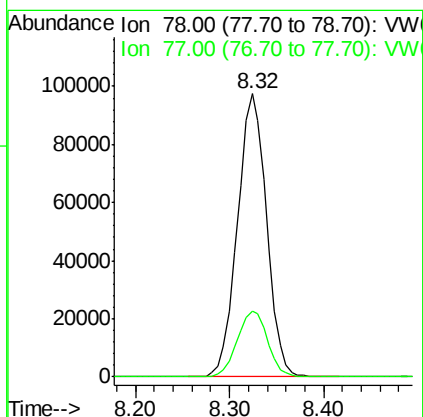
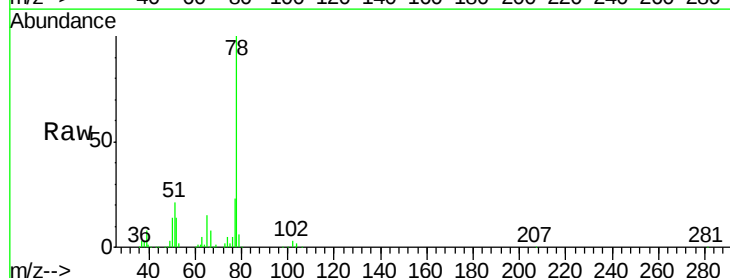
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

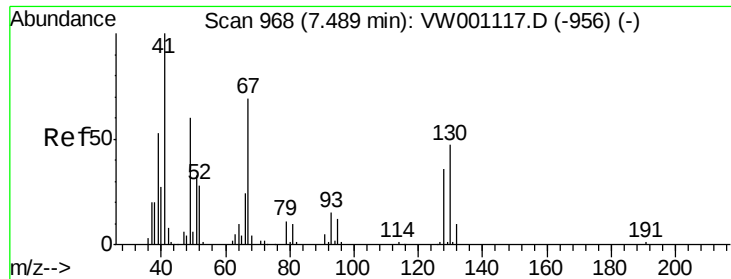
Tgt Ion: 83 Resp: 86854
Ion Ratio Lower Upper
83 100
55 70.7 59.7 89.5
98 45.3 38.0 57.0



#40
Benzene
Concen: 20.03 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 78 Resp: 210093
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

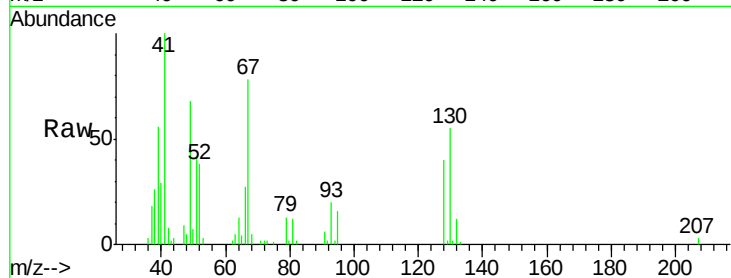




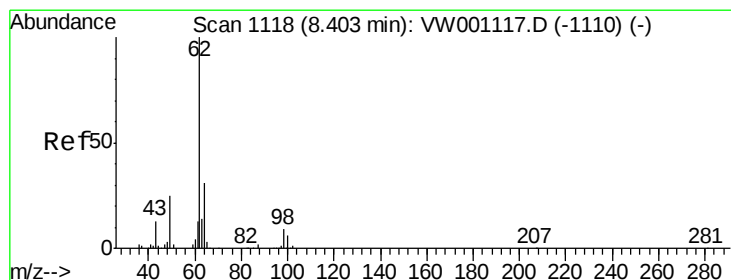
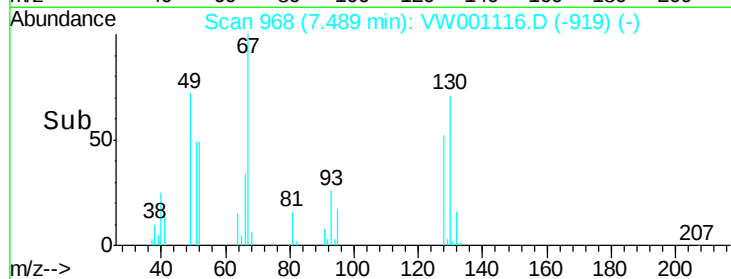
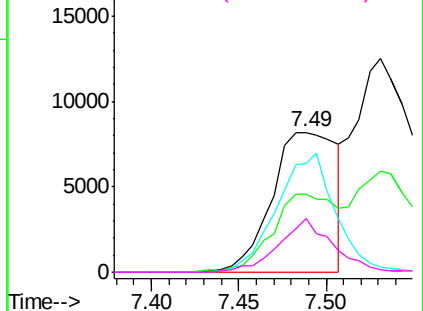
#41
Methacrylonitrile
Concen: 19.07 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	21180
Ion	Ratio	Lower	Upper
41	100		
39	54.4	48.8	73.2
67	77.2	59.6	89.4
52	33.0	24.6	37.0

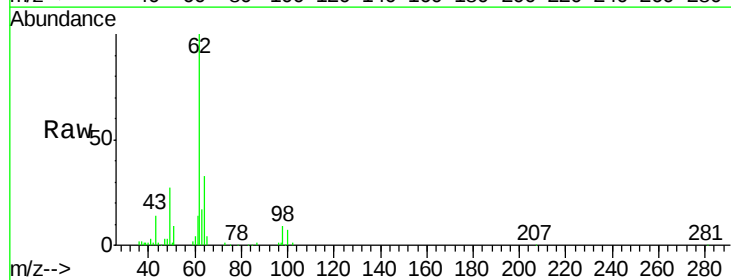


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

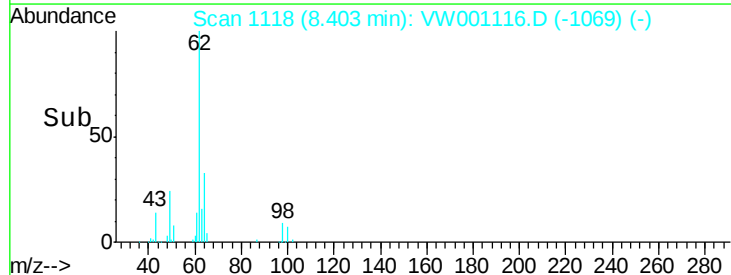
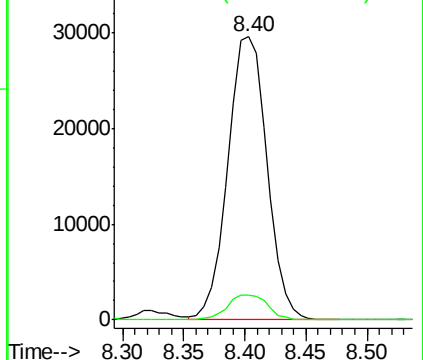


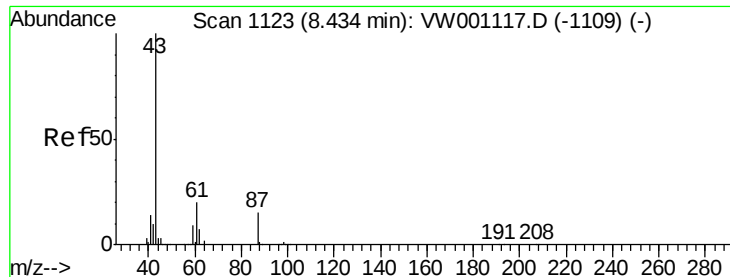
#42
1,2-Dichloroethane
Concen: 19.90 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion:	62	Resp:	65632
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8



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





#43

Isopropyl Acetate

Concen: 19.12 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

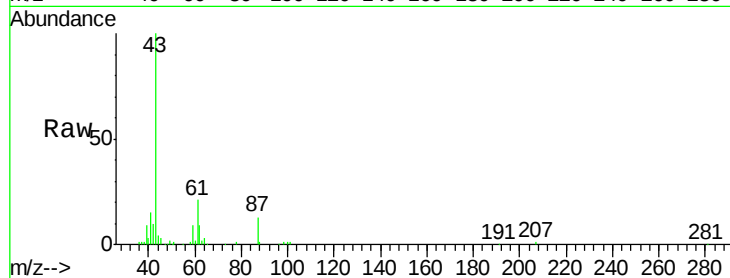
Tgt Ion: 43 Resp: 65878

Ion Ratio Lower Upper

43 100

61 30.4 23.9 35.9

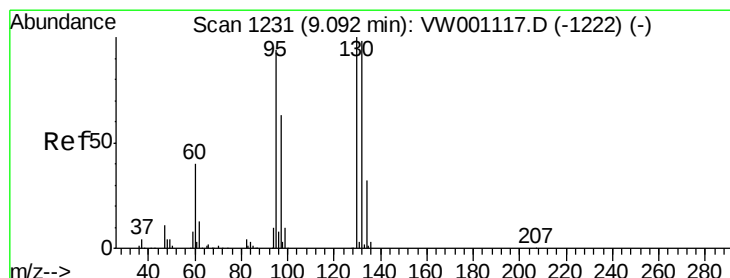
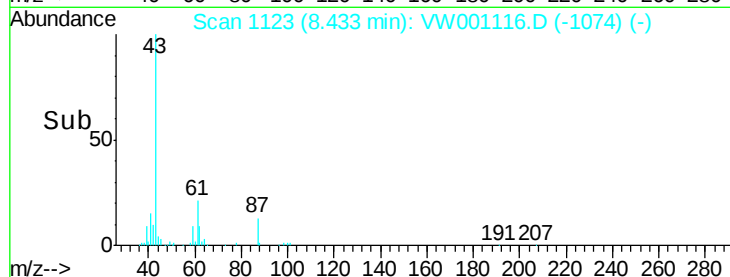
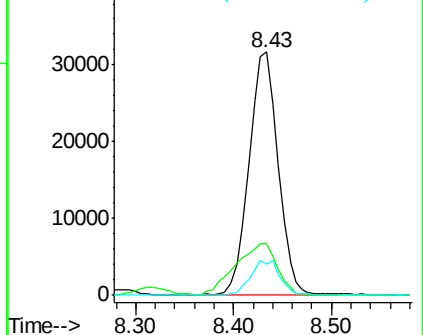
87 14.7 12.0 18.0



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: 19.94 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW001116.D

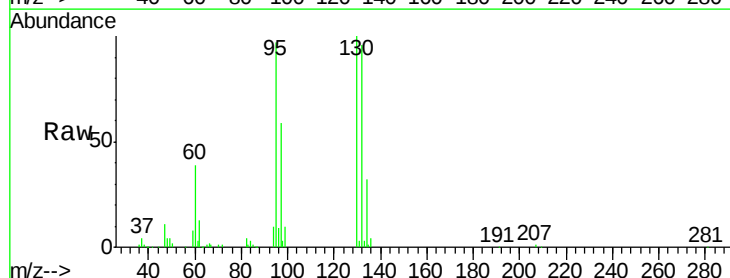
Acq: 29 Jan 2018 12:54

Tgt Ion: 130 Resp: 62778

Ion Ratio Lower Upper

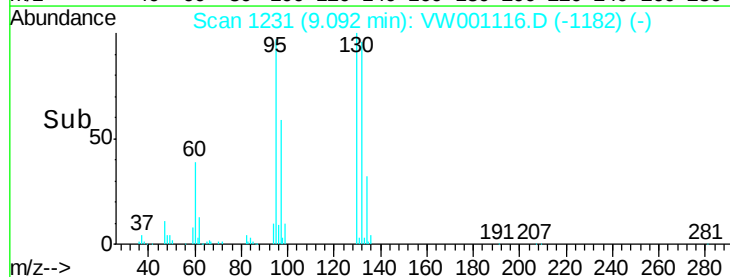
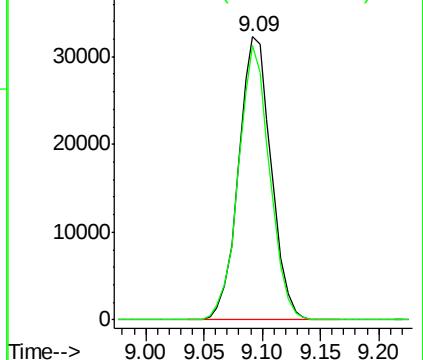
130 100

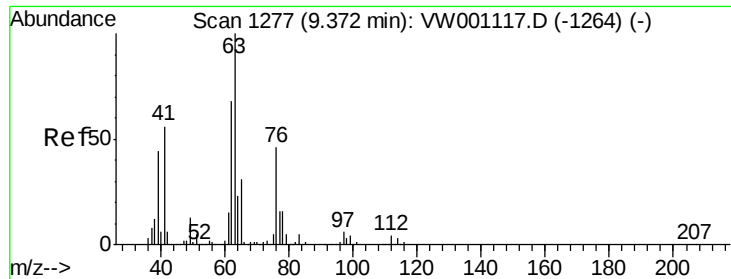
95 96.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

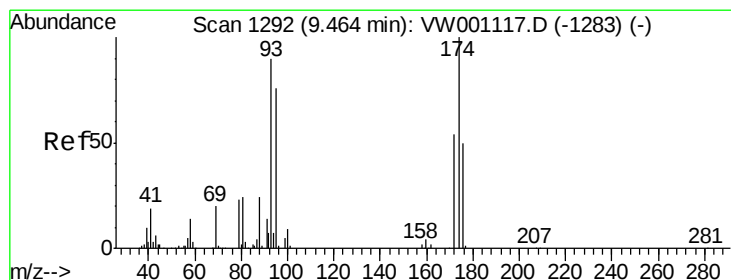
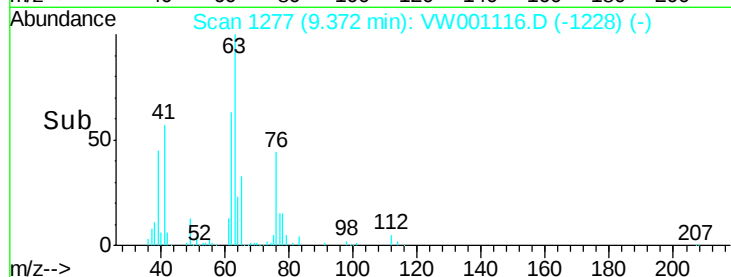
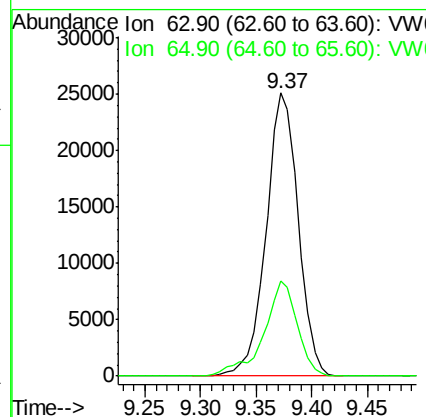
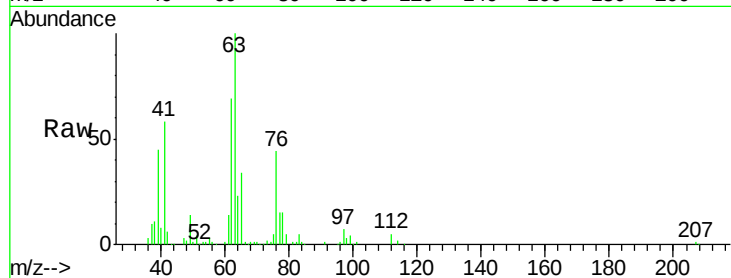




#45
 1,2-Dichloropropane
 Concen: 20.01 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

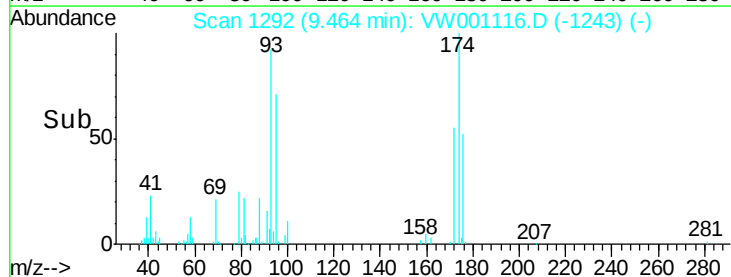
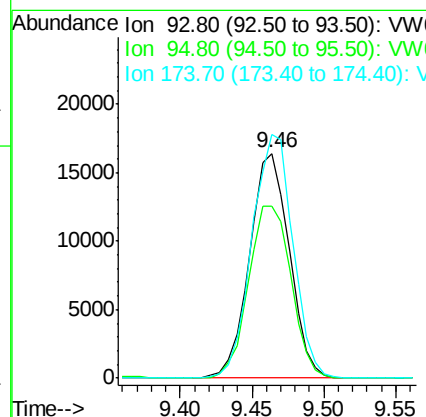
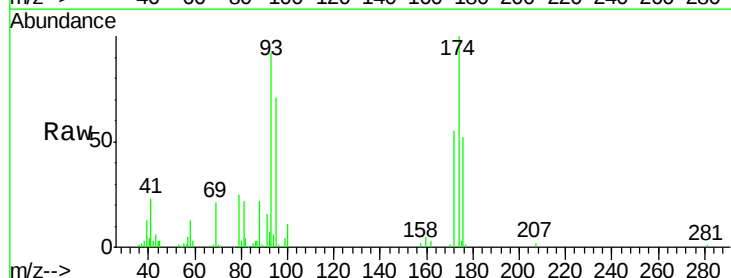
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

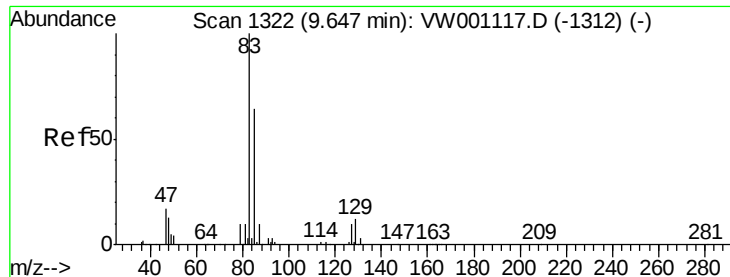
Tgt Ion: 63 Resp: 50537
 Ion Ratio Lower Upper
 63 100
 65 33.7 25.0 37.4



#46
 Dibromomethane
 Concen: 19.80 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion: 93 Resp: 31269
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.5 99.7
 174 111.4 89.5 134.3





#47

Bromodichloromethane

Concen: 19.79 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

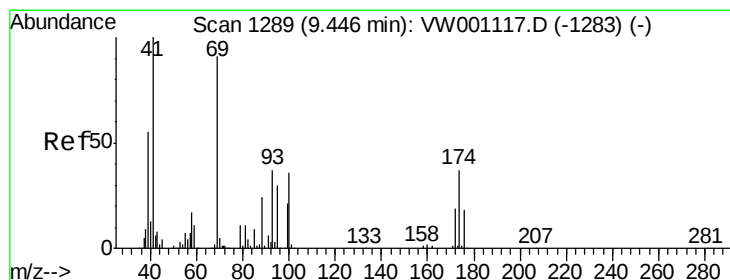
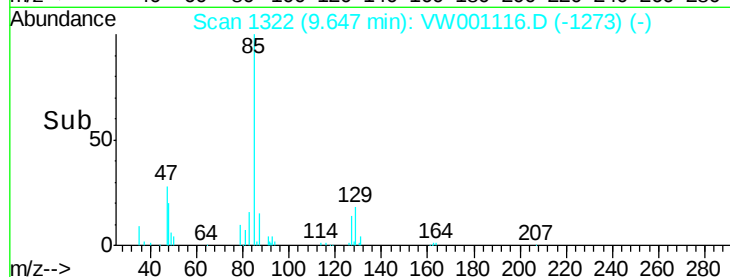
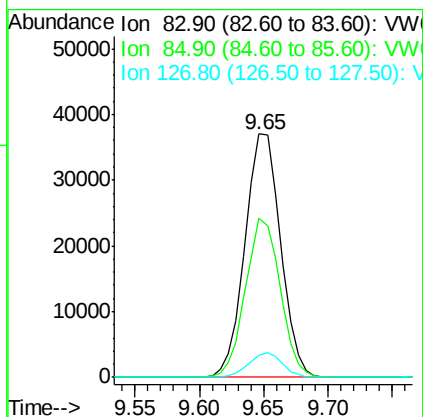
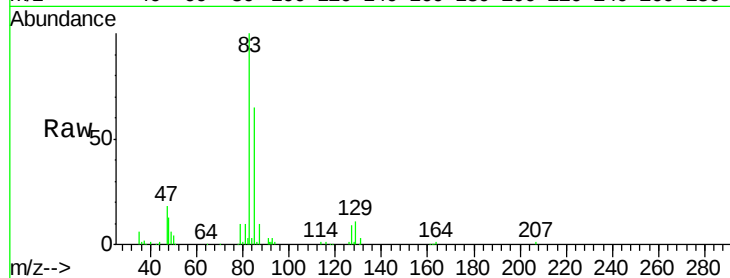
Tgt Ion: 83 Resp: 70712

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

127 9.2 7.6 11.4



#48

Methyl methacrylate

Concen: 18.68 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

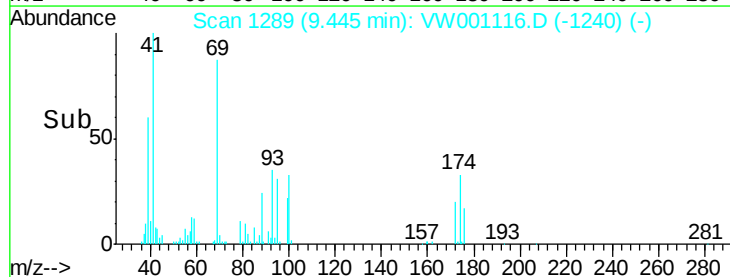
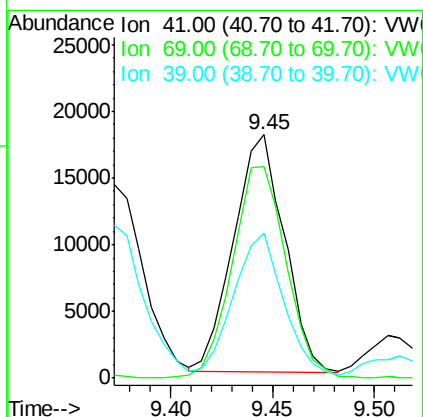
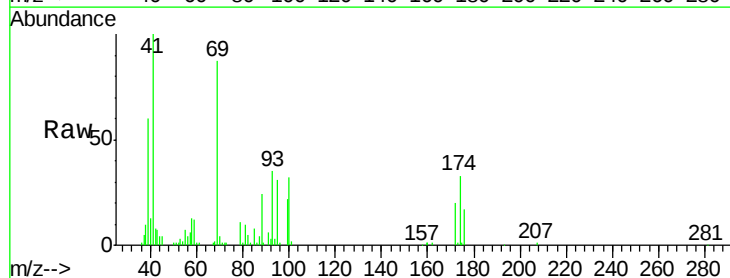
Tgt Ion: 41 Resp: 30761

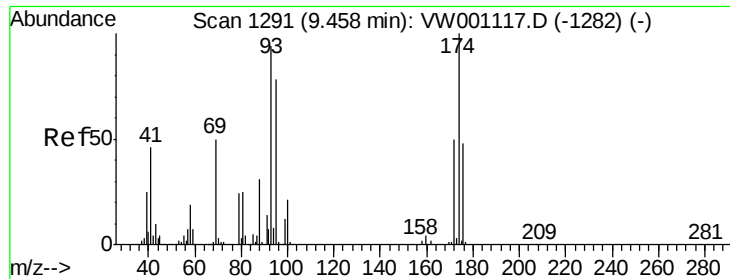
Ion Ratio Lower Upper

41 100

69 94.7 74.9 112.3

39 61.2 47.6 71.4





#49

1,4-Dioxane

Concen: 393.58 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

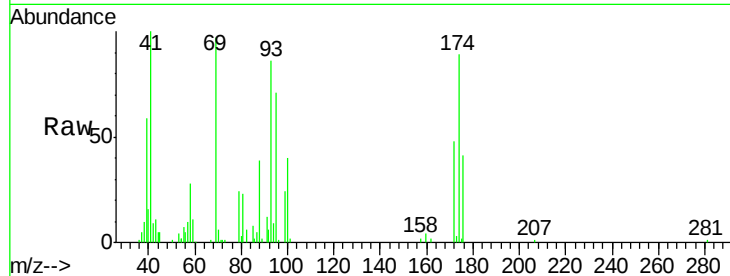
Tgt Ion: 88 Resp: 11075

Ion Ratio Lower Upper

88 100

43 25.3 23.0 34.6

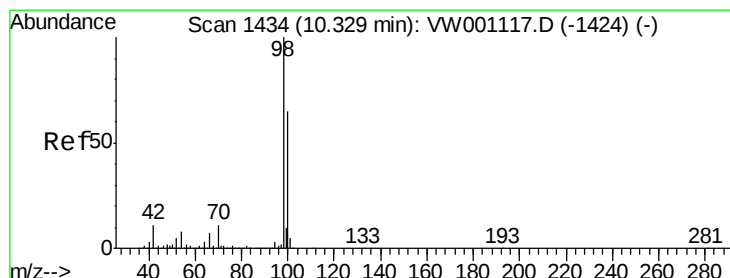
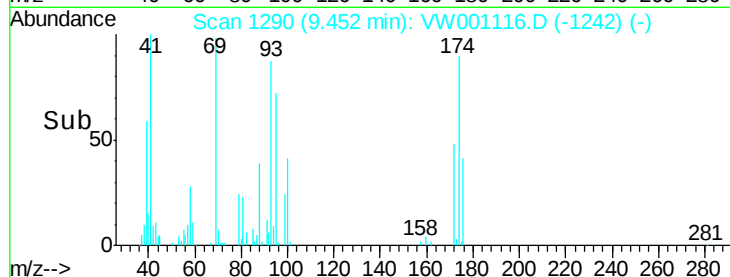
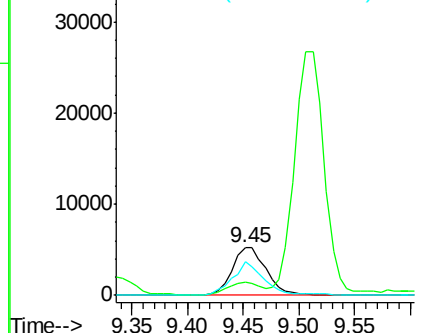
58 64.4 53.9 80.9



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 19.97 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW001116.D

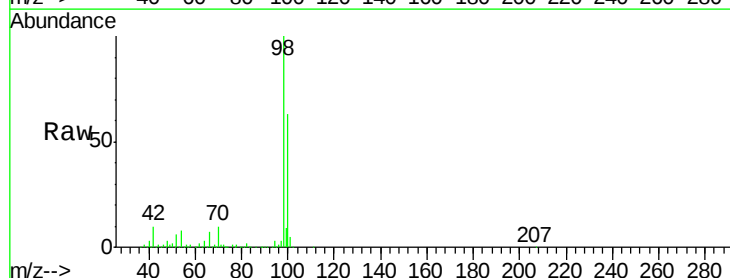
Acq: 29 Jan 2018 12:54

Tgt Ion: 98 Resp: 206267

Ion Ratio Lower Upper

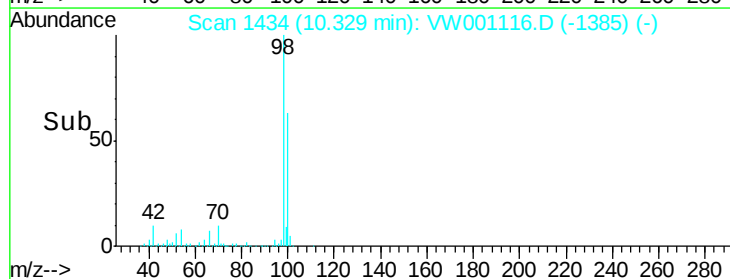
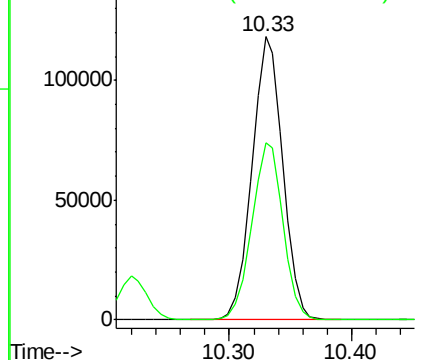
98 100

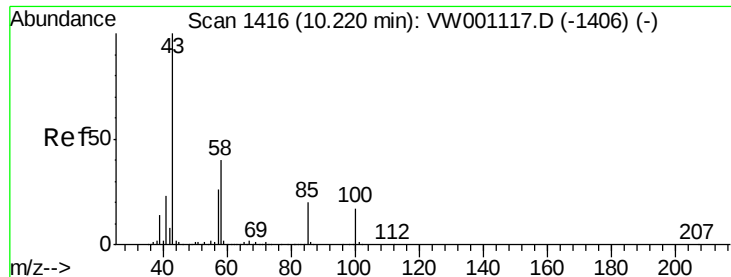
100 63.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

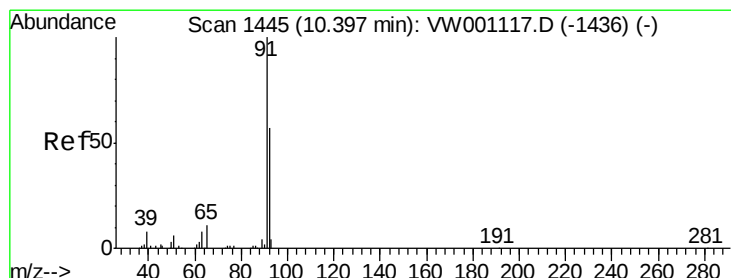
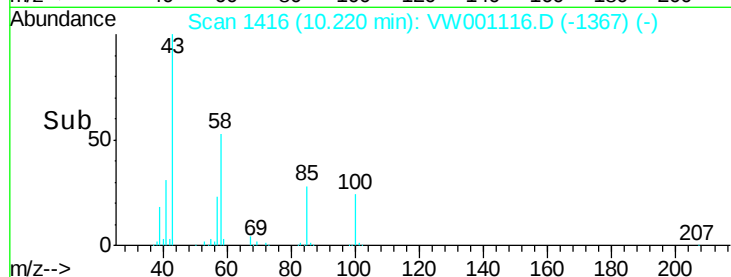
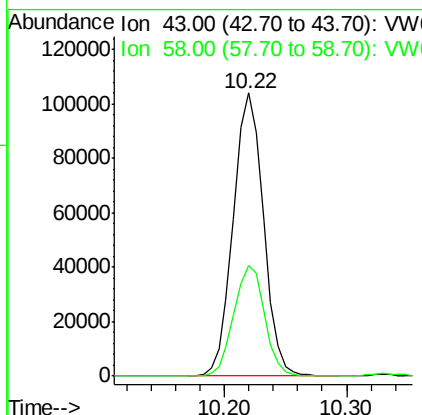
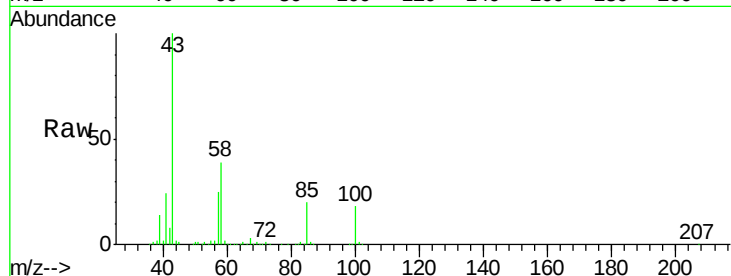




#51
4-Methyl-2-Pentanone
Concen: 94.45 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

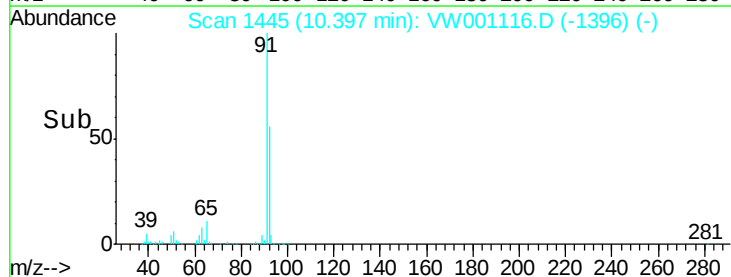
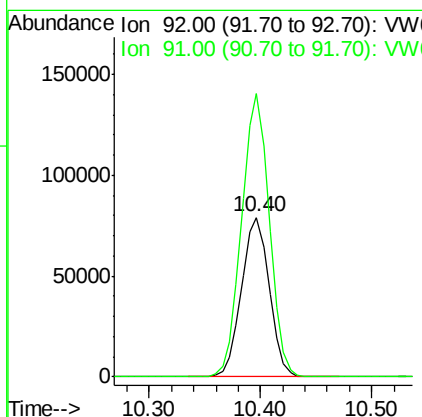
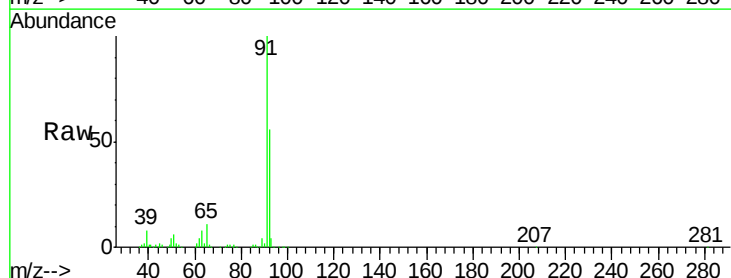
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

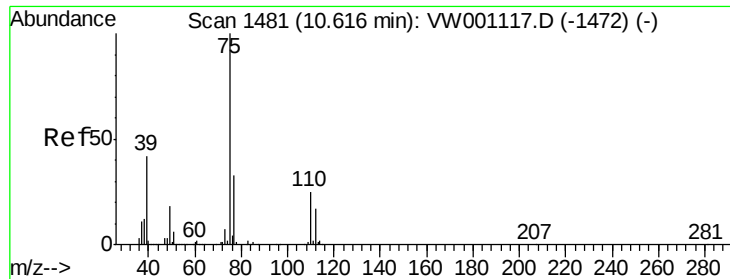
Tgt Ion: 43 Resp: 177787
Ion Ratio Lower Upper
43 100
58 39.7 32.1 48.1



#52
Toluene
Concen: 20.33 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 92 Resp: 136896
Ion Ratio Lower Upper
92 100
91 177.2 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 19.47 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

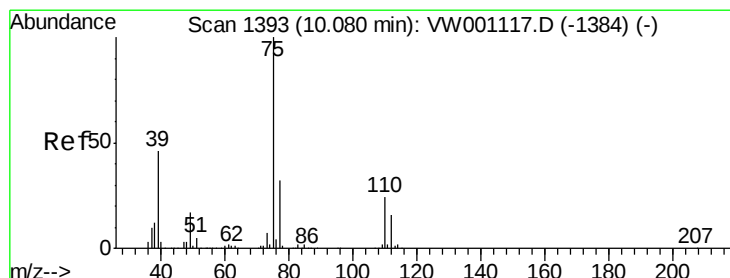
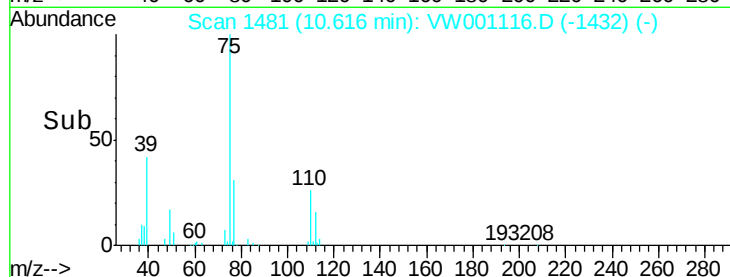
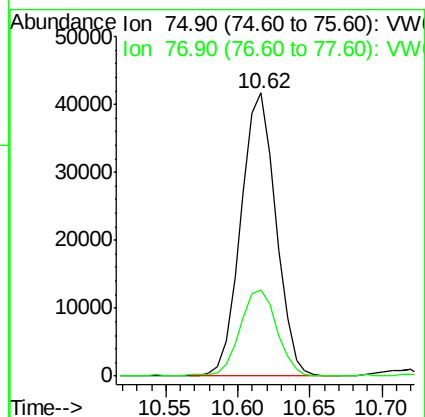
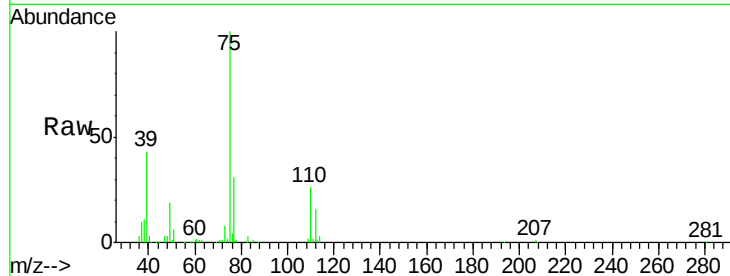
VSTDIC020

Tgt Ion: 75 Resp: 70207

Ion Ratio Lower Upper

75 100

77 30.5 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 19.59 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

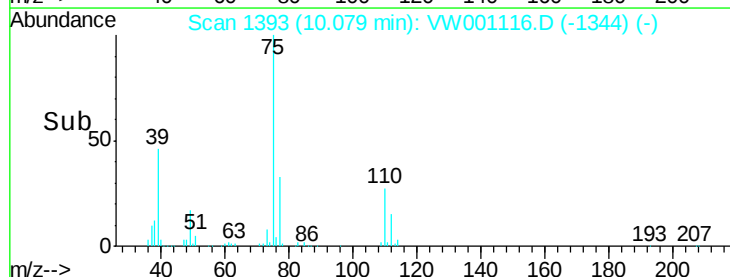
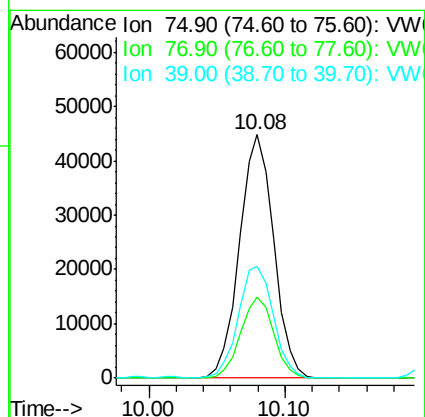
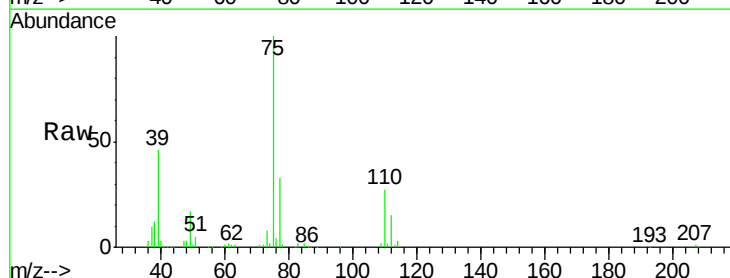
Tgt Ion: 75 Resp: 78842

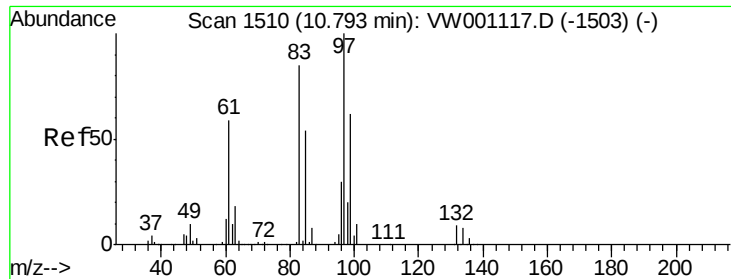
Ion Ratio Lower Upper

75 100

77 33.1 25.5 38.3

39 45.8 37.0 55.4





#55

1,1,2-Trichloroethane

Concen: 19.95 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 44909

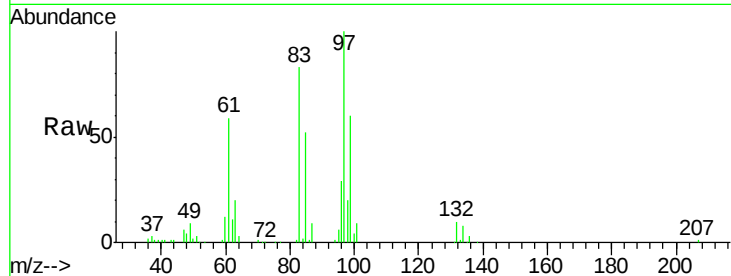
Ion Ratio Lower Upper

97 100

83 83.2 67.7 101.5

85 52.1 43.0 64.6

99 60.2 49.9 74.9

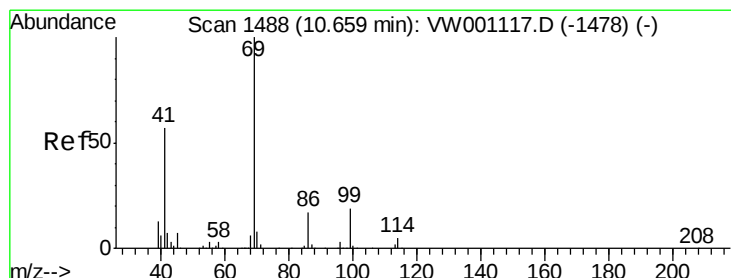
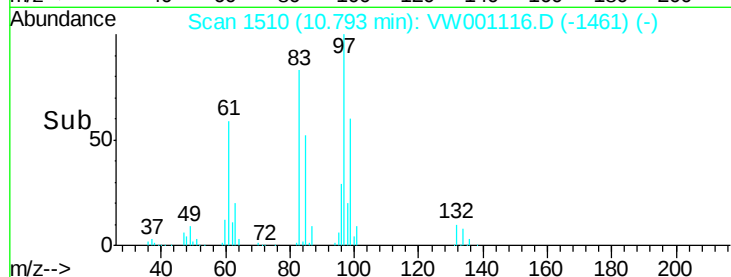
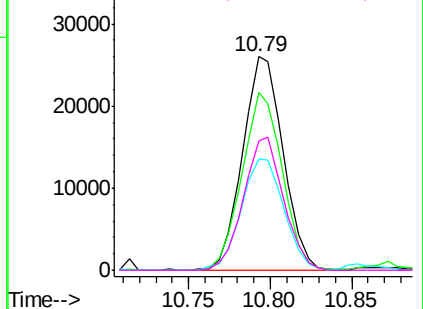


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 19.07 ug/l

RT: 10.66 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

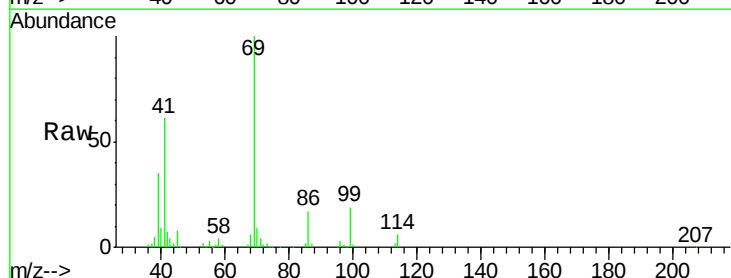
Tgt Ion: 69 Resp: 50335

Ion Ratio Lower Upper

69 100

41 62.9 50.6 75.8

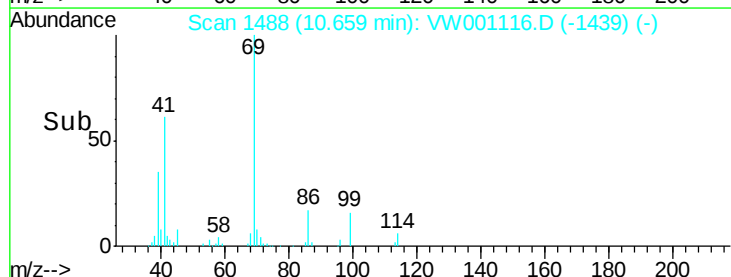
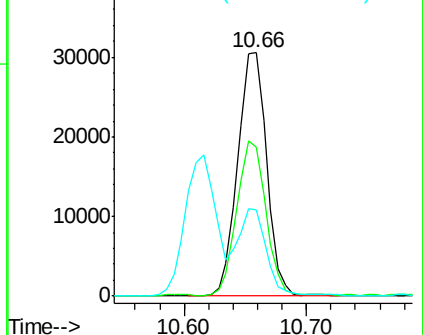
39 35.8 27.5 41.3

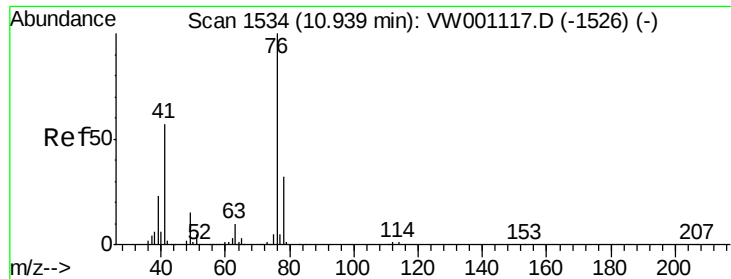


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

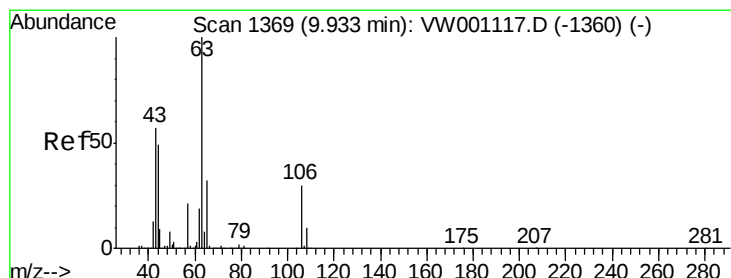
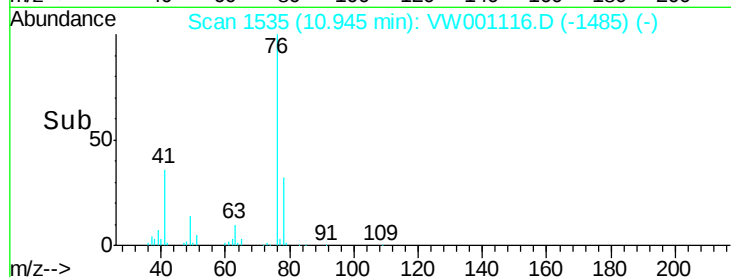
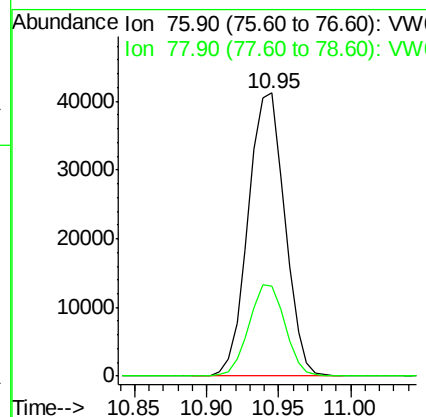
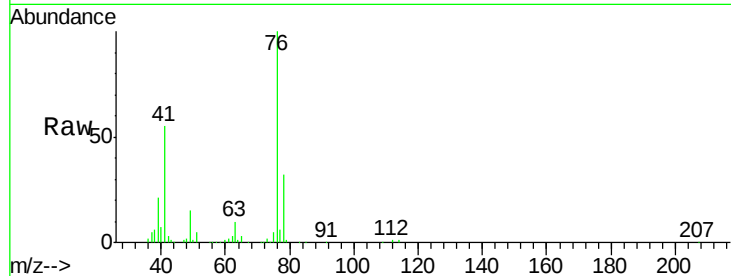




#57
 1,3-Dichloropropane
 Concen: 19.80 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

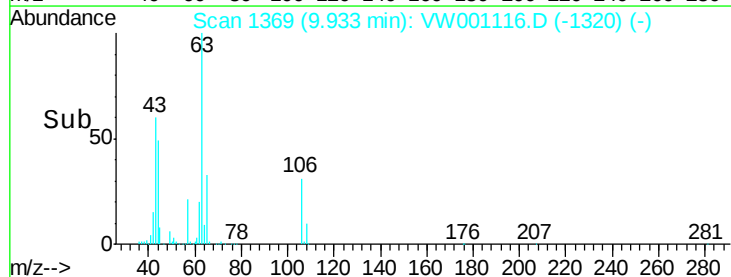
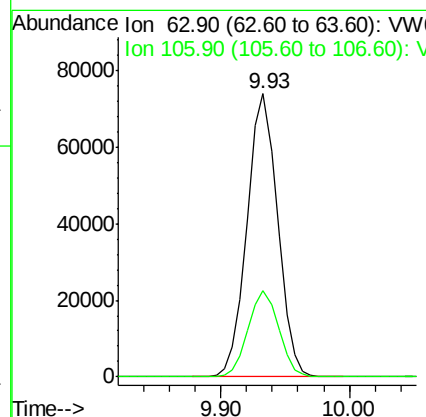
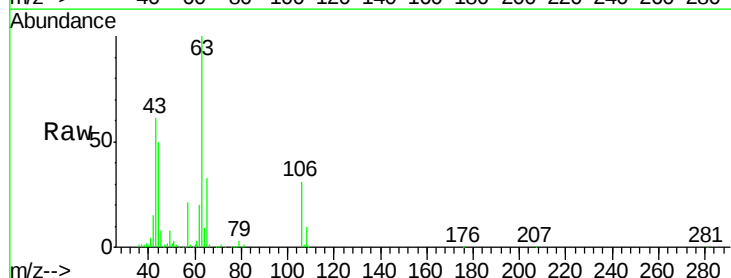
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

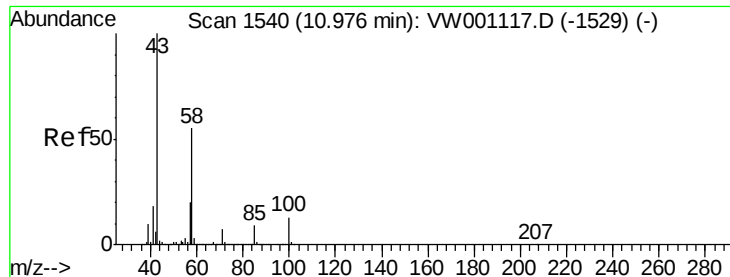
Tgt Ion: 76 Resp: 72478
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.04 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion: 63 Resp: 121233
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.2 36.4

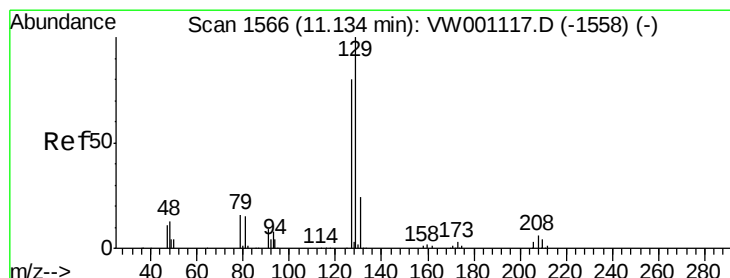
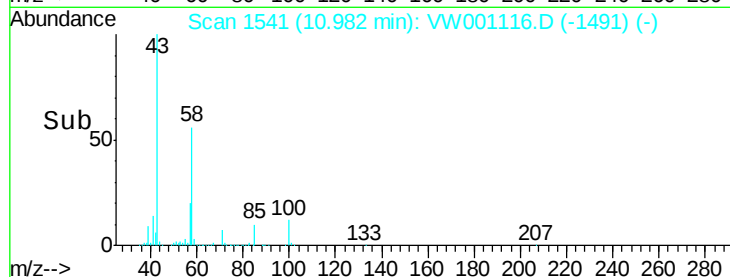
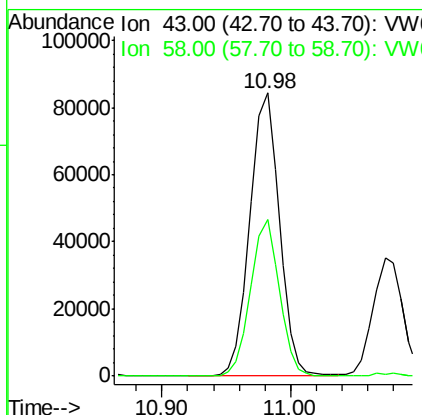
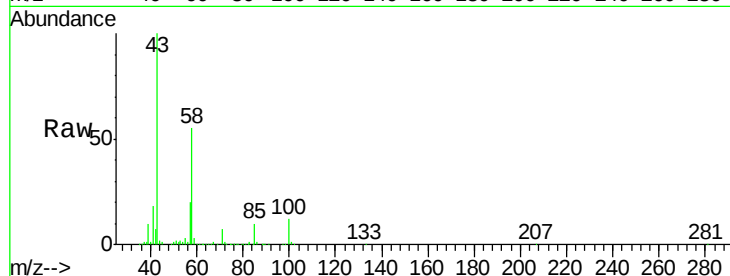




#59
2-Hexanone
Concen: 93.86 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

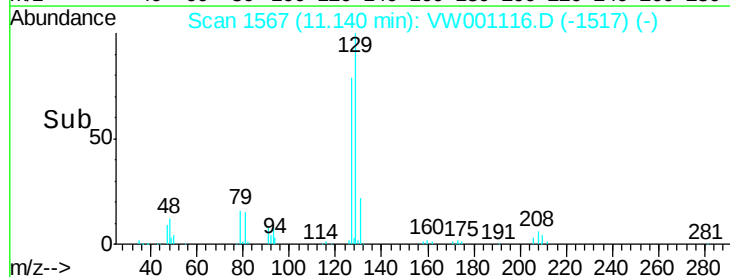
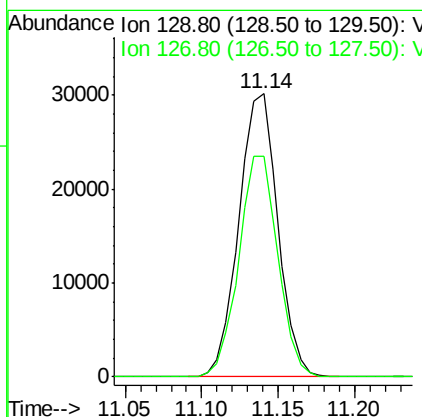
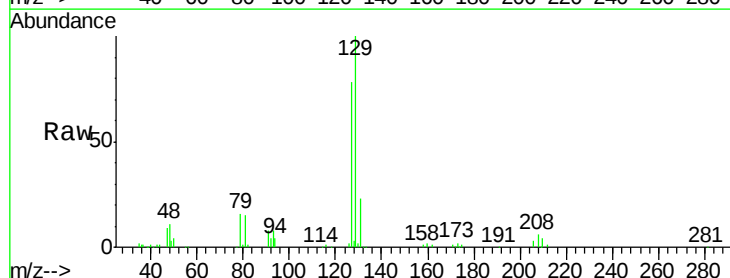
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

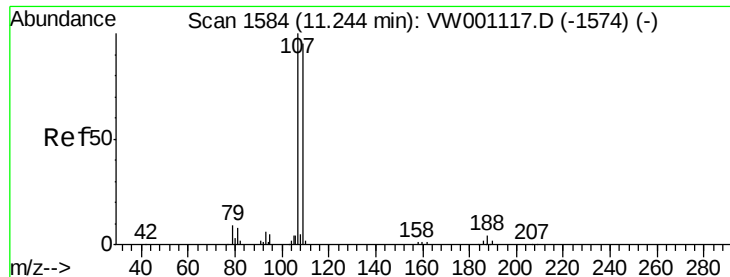
Tgt Ion: 43 Resp: 133662
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.0



#60
Dibromochloromethane
Concen: 19.45 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 129 Resp: 53353
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.18 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

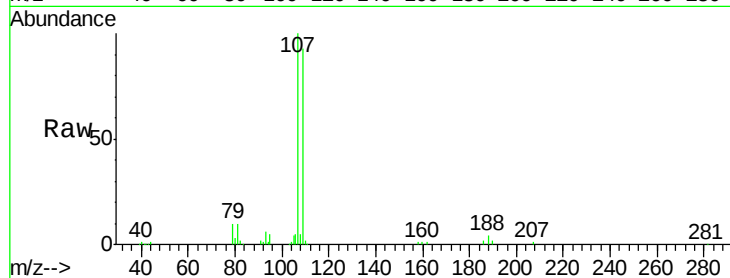
VSTDIC020

Tgt Ion: 107 Resp: 43551

Ion Ratio Lower Upper

107 100

109 96.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

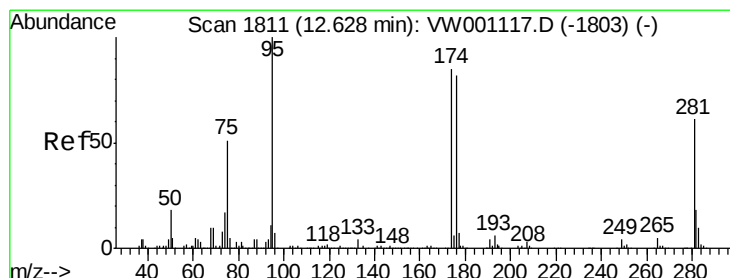
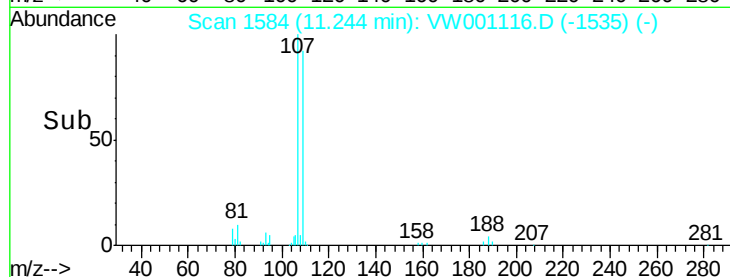
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 19.55 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

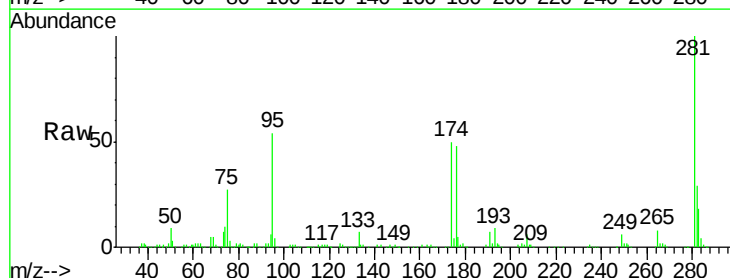
Tgt Ion: 95 Resp: 74393

Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.6

176 89.1 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

12.63

60000

50000

40000

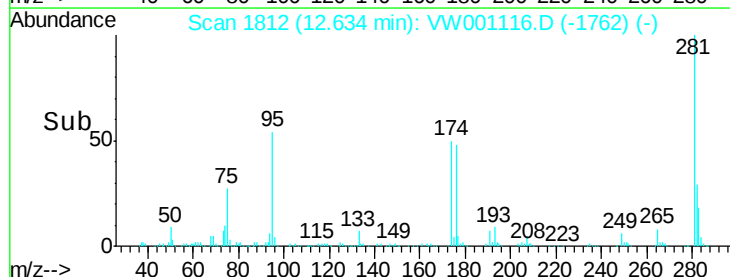
30000

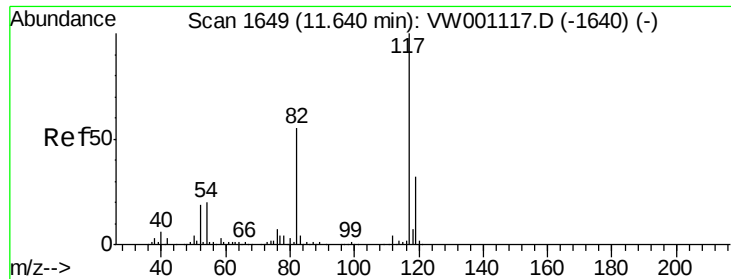
20000

10000

0

Time--> 12.55 12.60 12.65 12.70

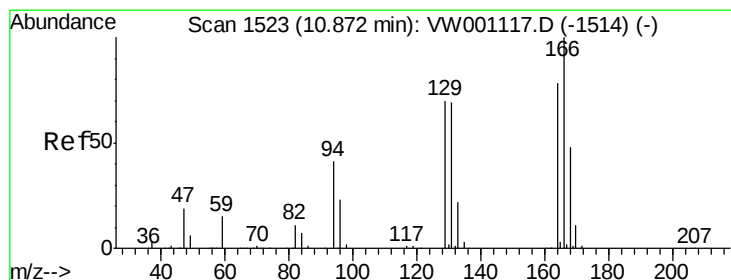
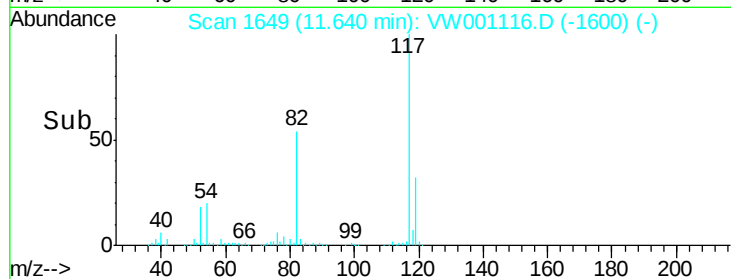
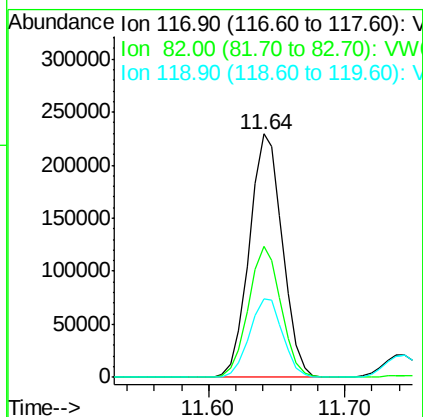
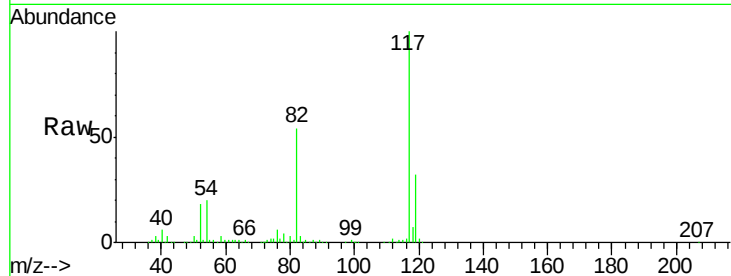




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

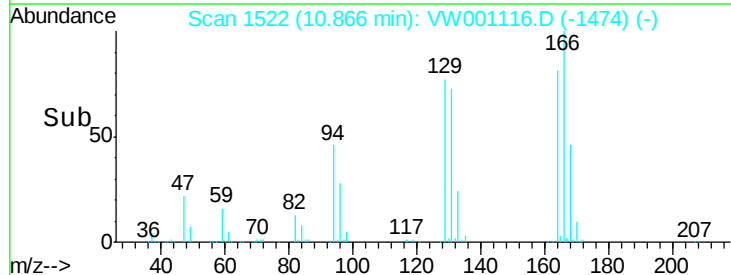
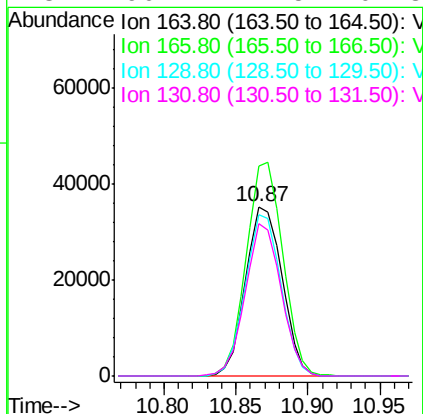
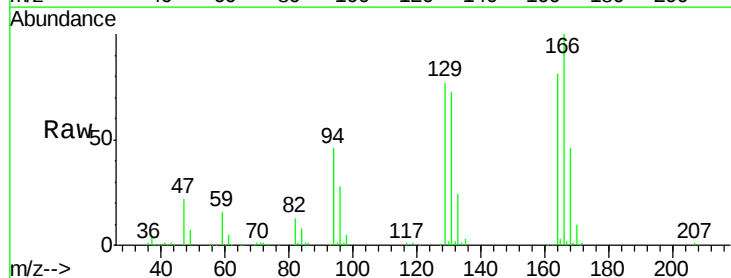
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

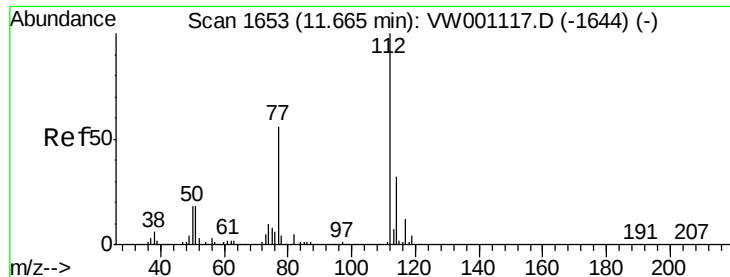
Tgt Ion:117 Resp: 390226
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 19.74 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion:164 Resp: 61937
Ion Ratio Lower Upper
164 100
166 124.0 103.1 154.7
129 95.6 72.3 108.5
131 90.4 71.5 107.3





#65

Chlorobenzene

Concen: 19.94 ug/l

RT: 11.67 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

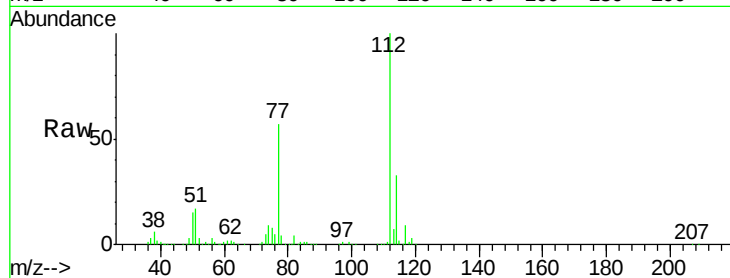
VSTDIC020

Tgt Ion:112 Resp: 156911

Ion Ratio Lower Upper

112 100

114 32.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

100000

80000

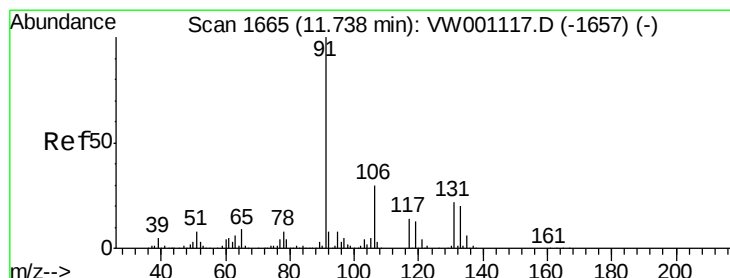
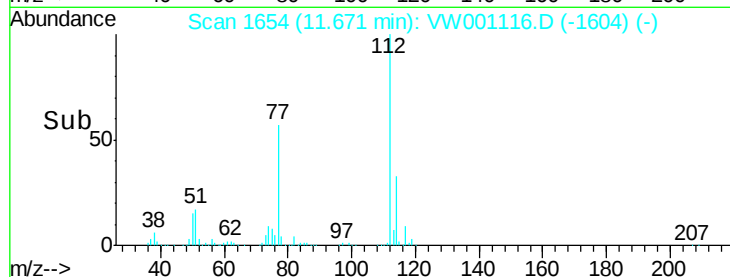
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.67 ug/l

RT: 11.74 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

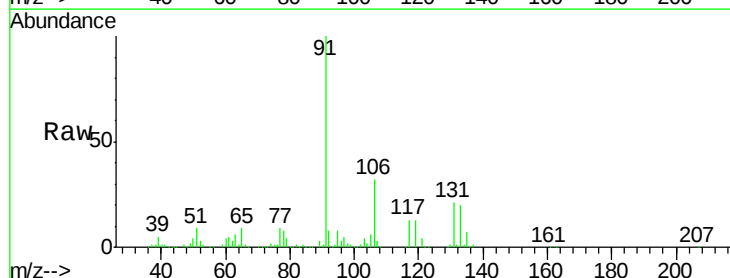
Tgt Ion:131 Resp: 56518

Ion Ratio Lower Upper

131 100

133 96.6 47.3 141.8

119 63.5 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

100000

80000

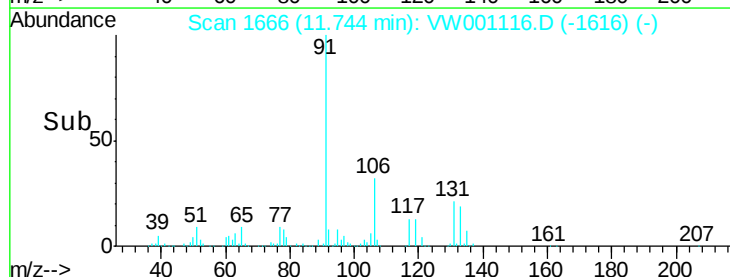
60000

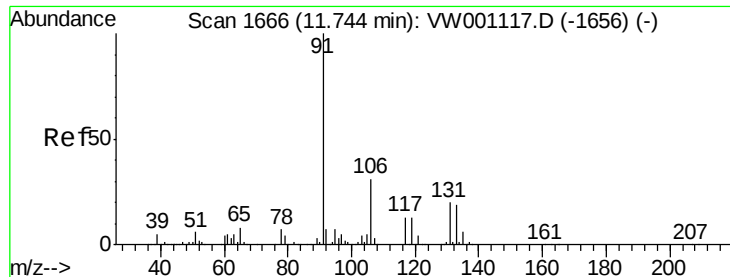
40000

20000

0

Time-->

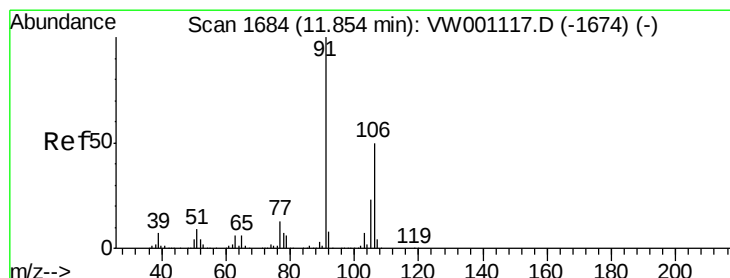
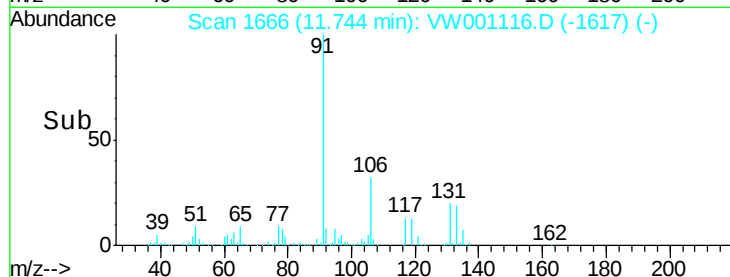
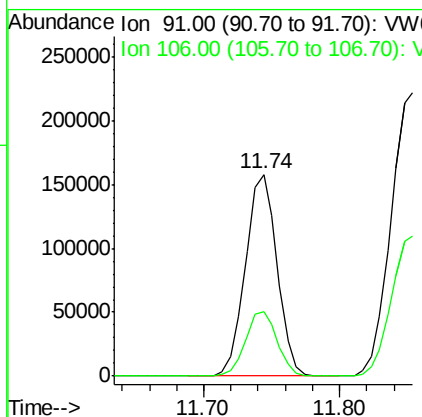
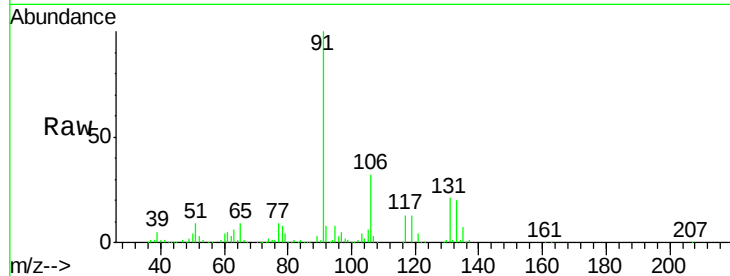




#67
Ethyl Benzene
Concen: 19.63 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

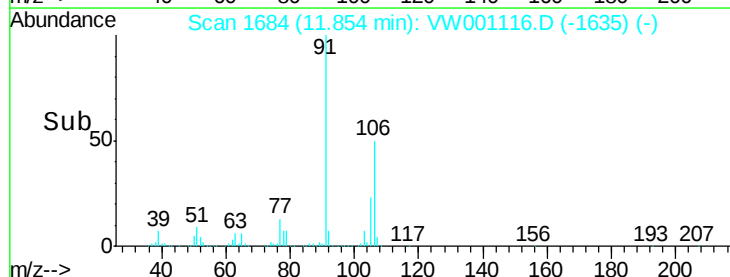
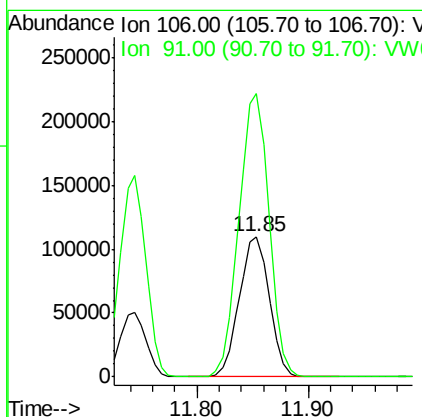
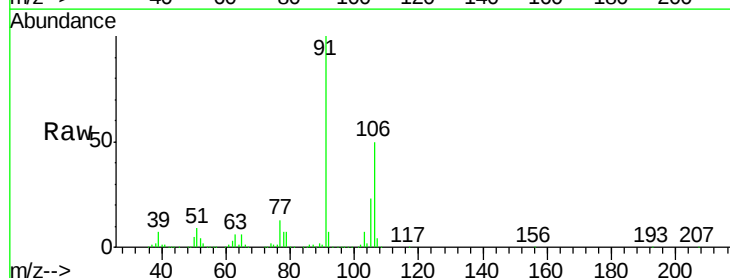
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

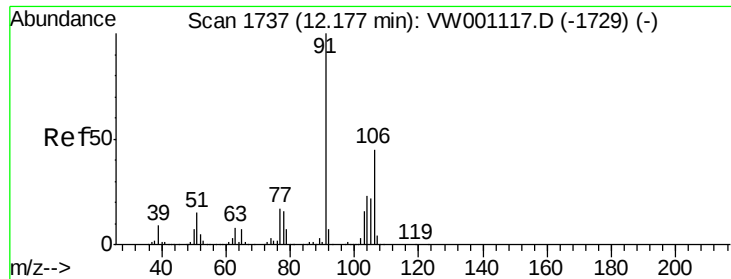
Tgt Ion: 91 Resp: 257929
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 40.24 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 106 Resp: 205954
Ion Ratio Lower Upper
106 100
91 201.6 163.1 244.7

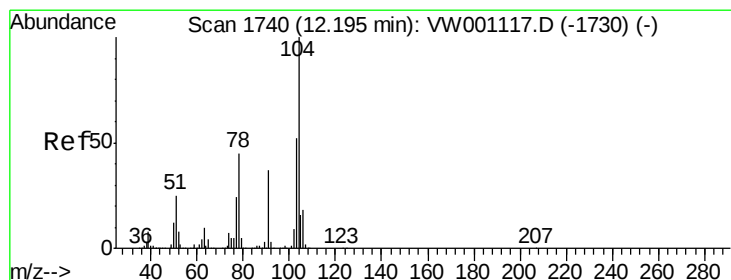
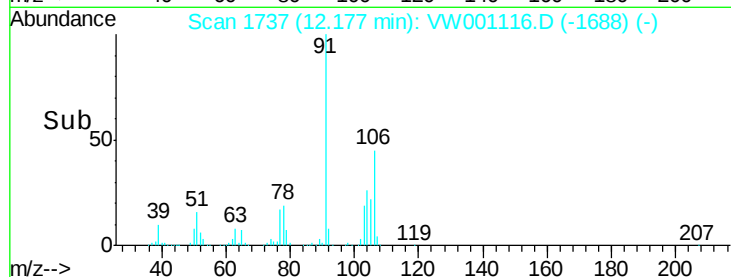
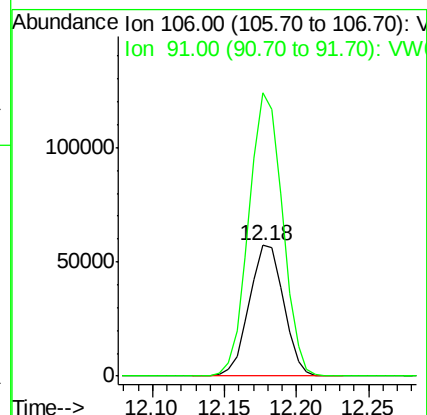
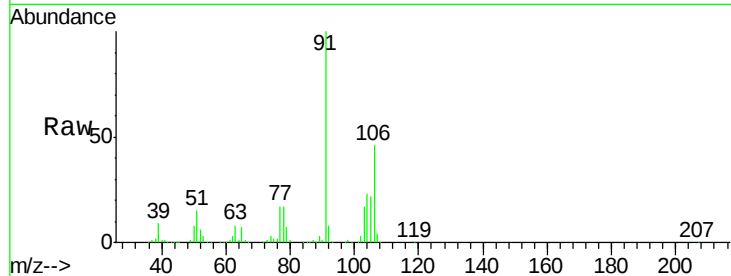




#69
o-Xylene
Concen: 20.08 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

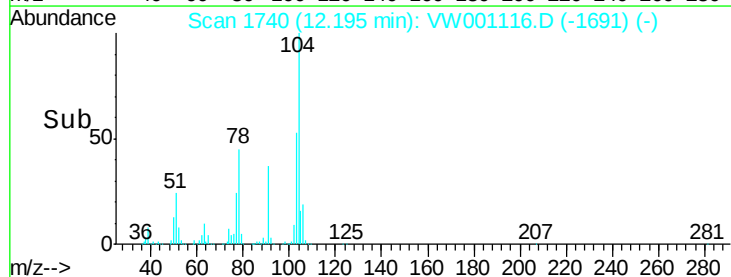
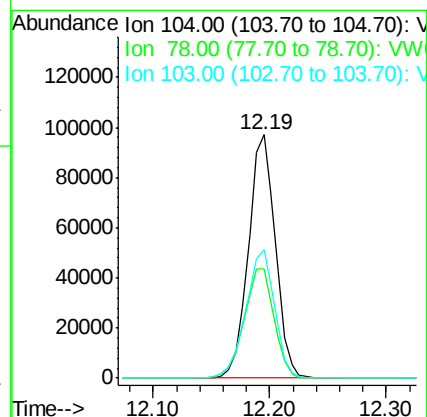
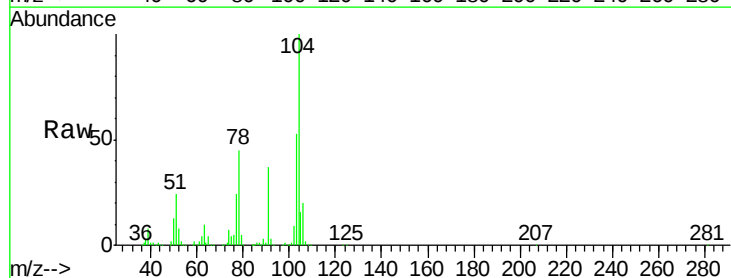
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

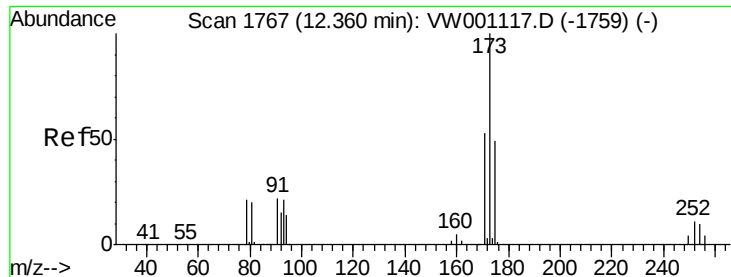
Tgt Ion:106 Resp: 94796
Ion Ratio Lower Upper
106 100
91 212.1 107.6 322.8



#70
Styrene
Concen: 20.23 ug/l
RT: 12.19 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion:104 Resp: 156954
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 56.5 44.7 67.1





#71

Bromoform

Concen: 19.24 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

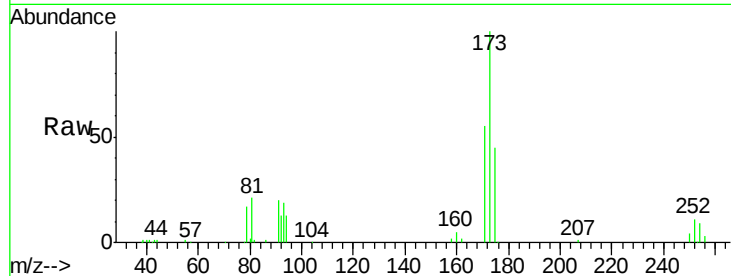
Tgt Ion:173 Resp: 35729

Ion Ratio Lower Upper

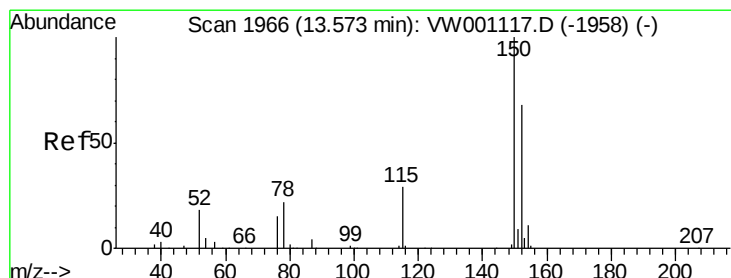
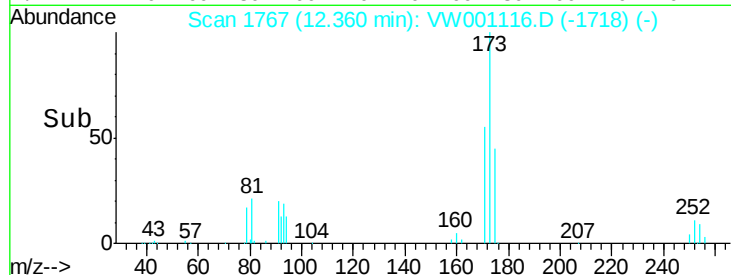
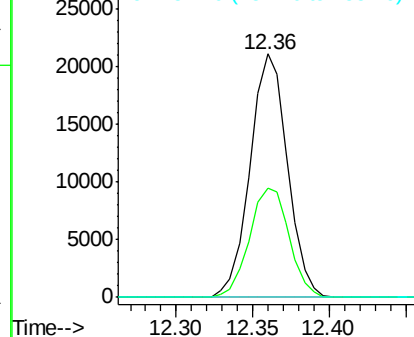
173 100

175 47.7 24.9 74.6

254 0.0 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: VW001116.D

Acq: 29 Jan 2018 12:54

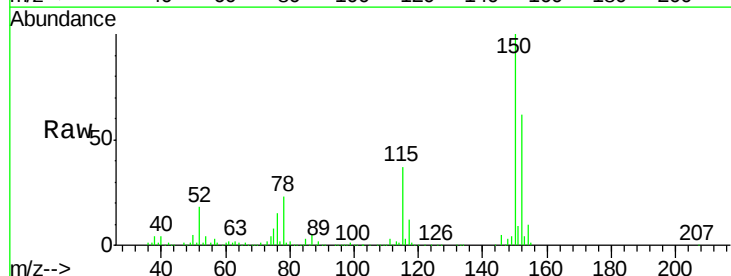
Tgt Ion:152 Resp: 211953

Ion Ratio Lower Upper

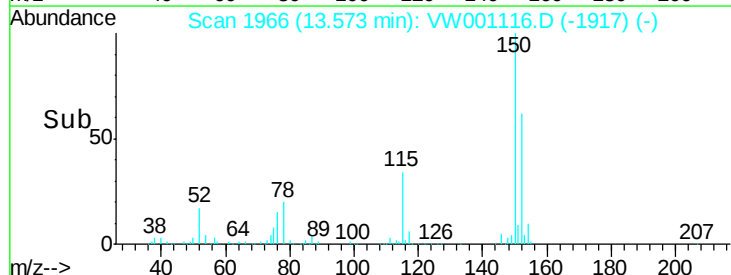
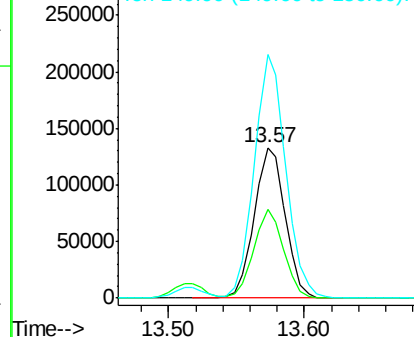
152 100

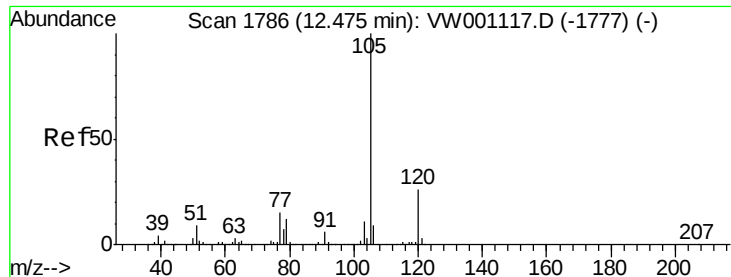
115 57.2 28.4 85.3

150 164.9 0.0 342.4



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





#73

Isopropylbenzene

Concen: 19.91 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

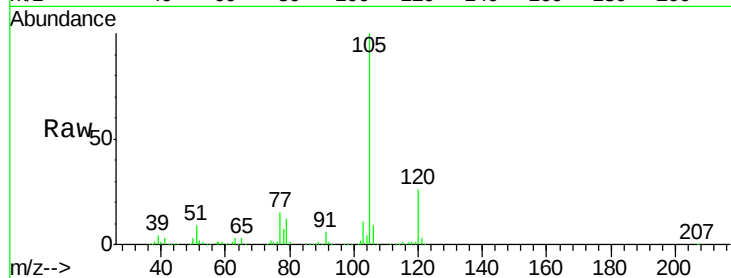
VSTDIC020

Tgt Ion:105 Resp: 264358

Ion Ratio Lower Upper

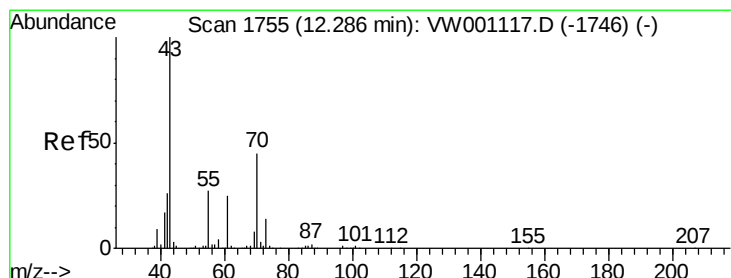
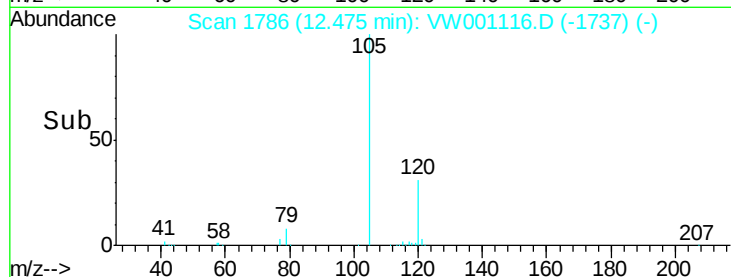
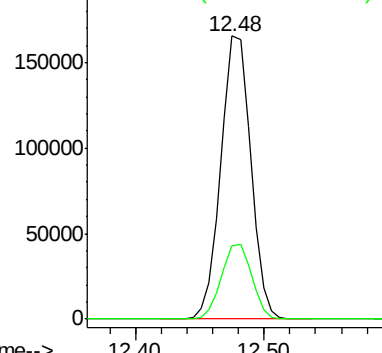
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.37 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Tgt Ion: 43 Resp: 58732

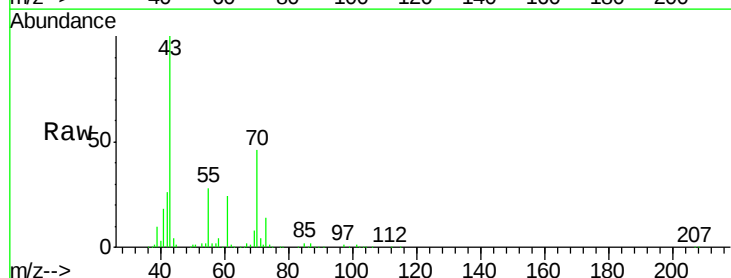
Ion Ratio Lower Upper

43 100

70 45.2 36.0 54.0

55 28.0 21.7 32.5

61 24.2 19.8 29.6

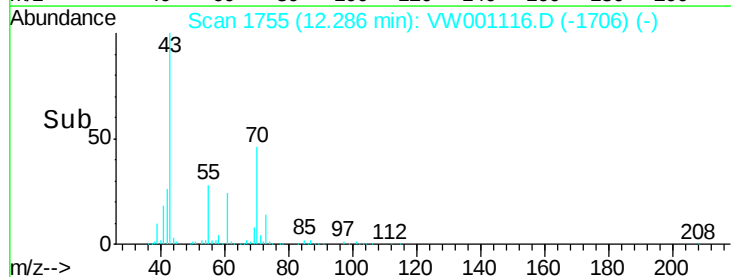
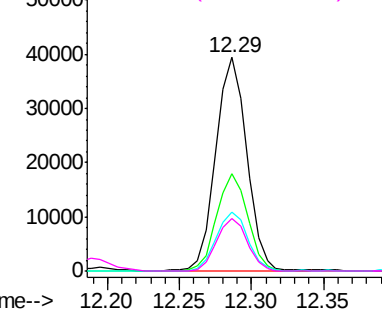


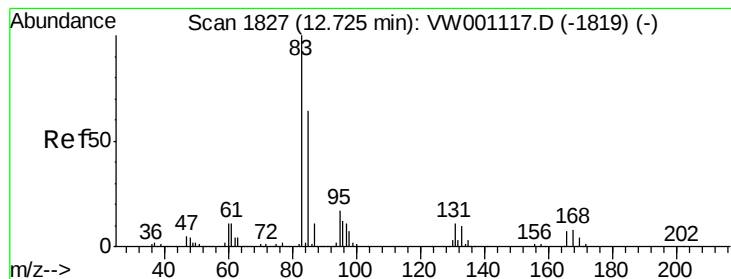
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 19.40 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

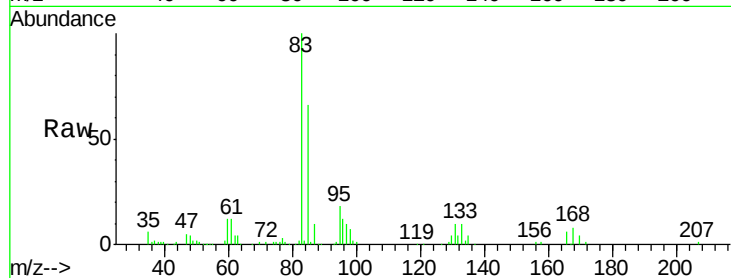
Tgt Ion: 83 Resp: 52674

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

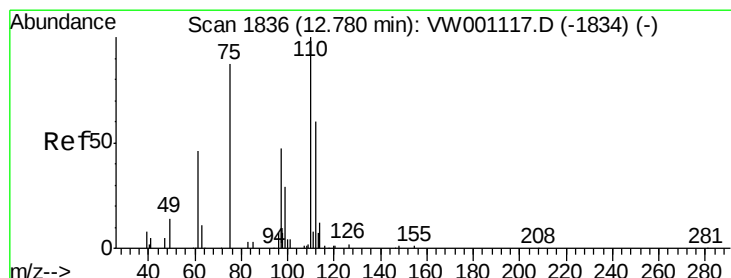
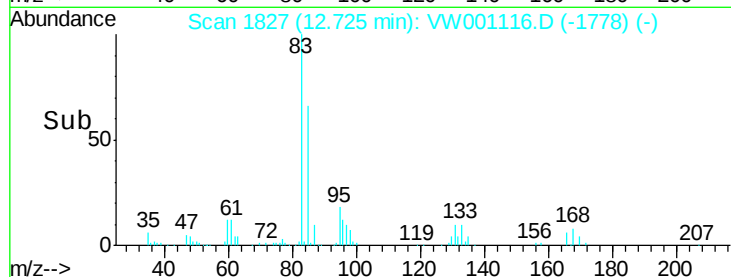
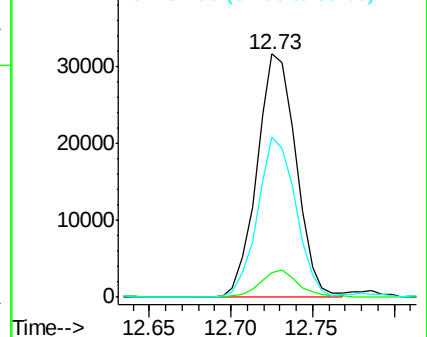
85 65.1 32.3 96.9



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: 27.68 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW001116.D

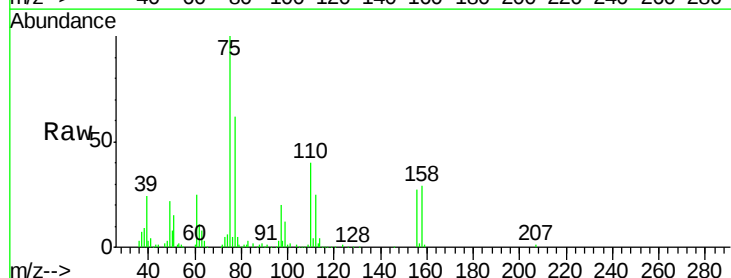
Acq: 29 Jan 2018 12:54

Tgt Ion: 75 Resp: 71485

Ion Ratio Lower Upper

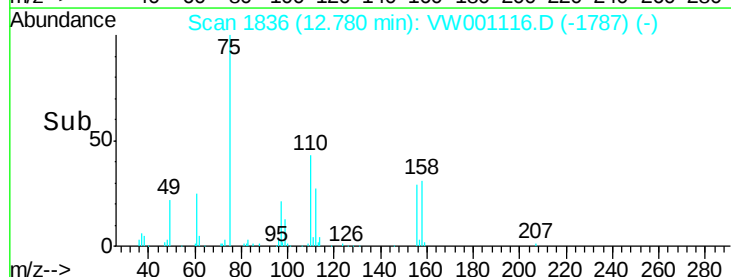
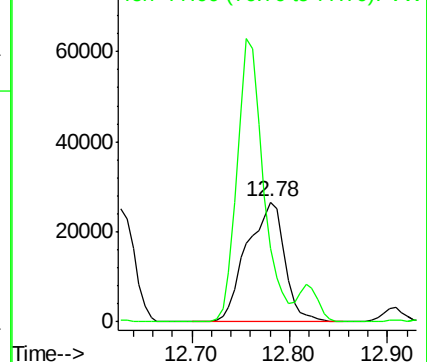
75 100

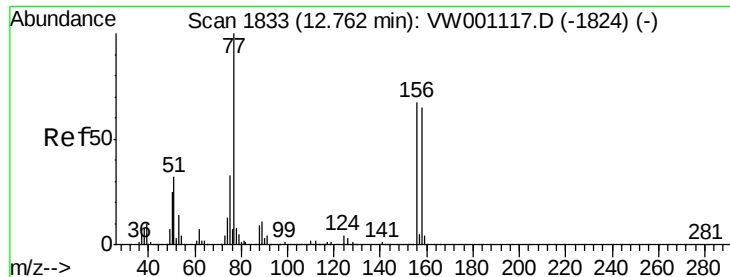
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.69 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

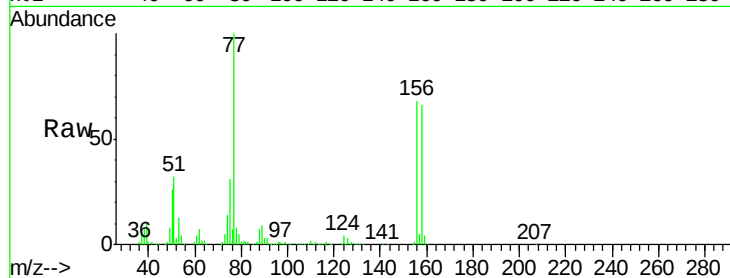
Tgt Ion:156 Resp: 67852

Ion Ratio Lower Upper

156 100

77 172.9 85.3 255.8

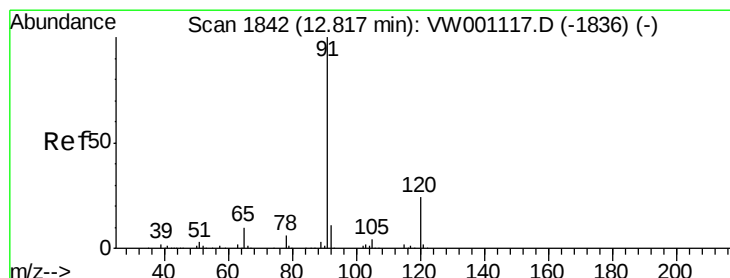
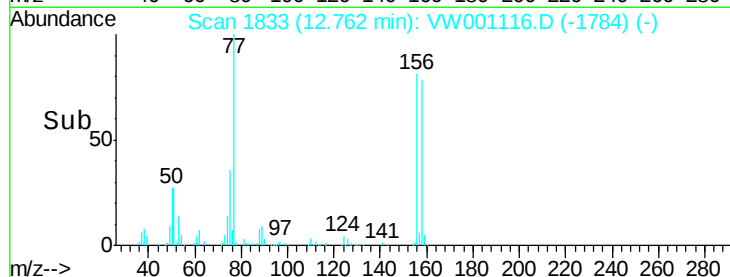
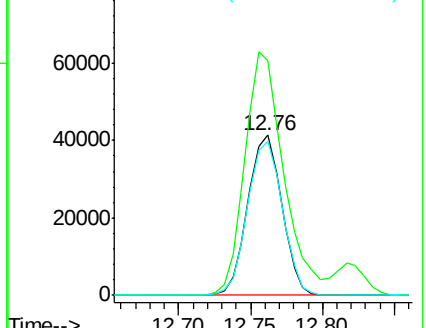
158 98.6 48.9 146.7



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: 20.07 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW001116.D

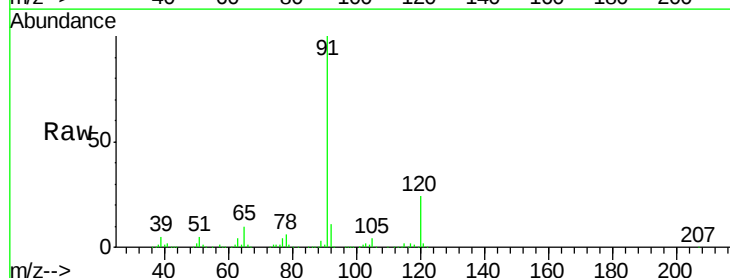
Acq: 29 Jan 2018 12:54

Tgt Ion: 91 Resp: 319066

Ion Ratio Lower Upper

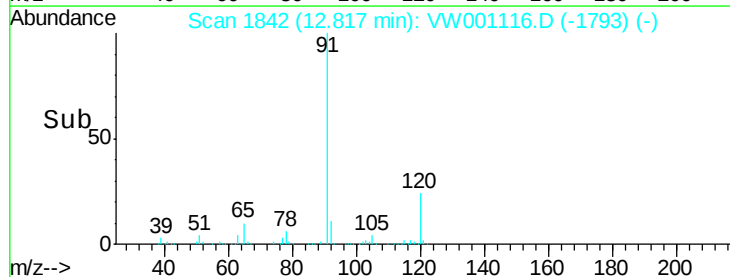
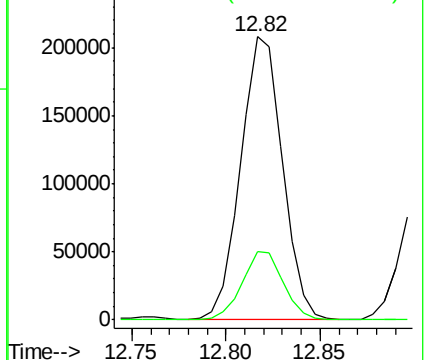
91 100

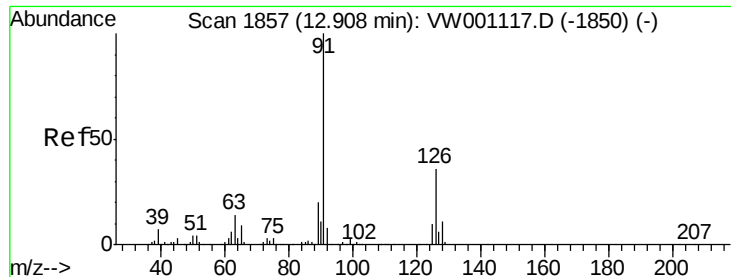
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.03 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VW001116.D

Acq: 29 Jan 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

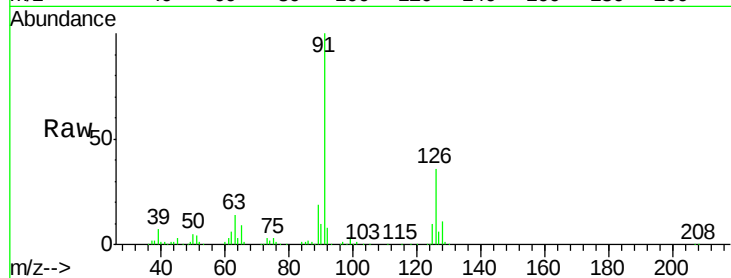
VSTDIC020

Tgt Ion: 91 Resp: 182171

Ion Ratio Lower Upper

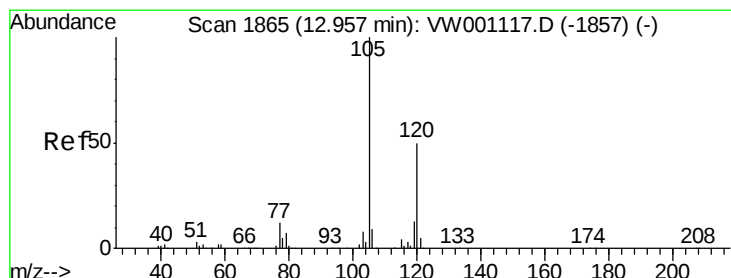
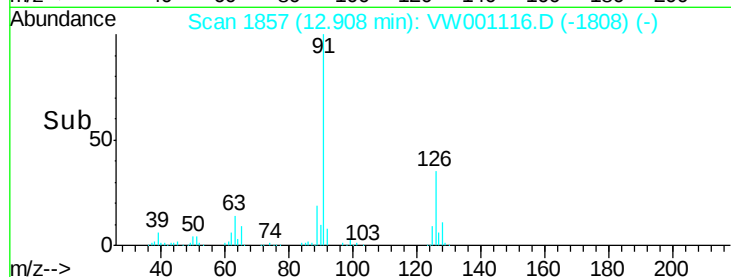
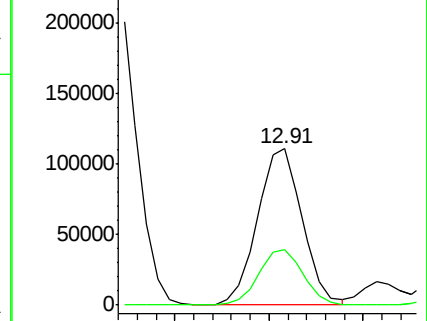
91 100

126 35.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.95 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW001116.D

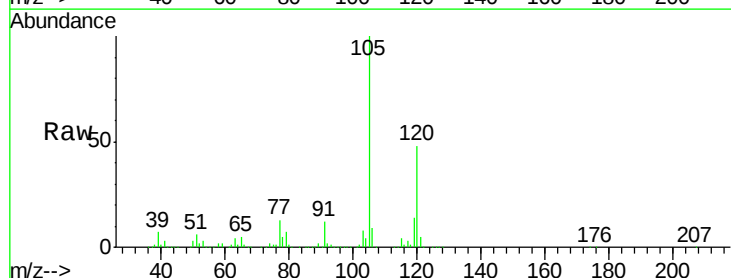
Acq: 29 Jan 2018 12:54

Tgt Ion: 105 Resp: 226509

Ion Ratio Lower Upper

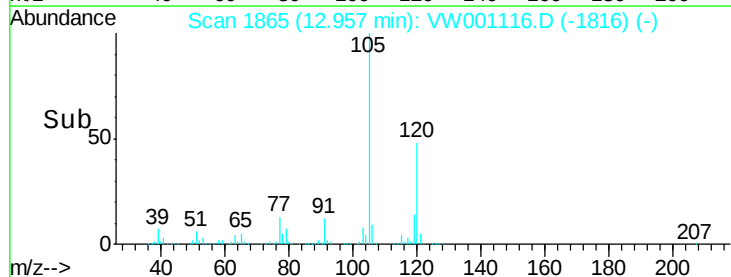
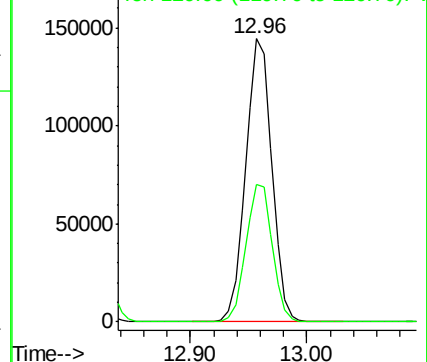
105 100

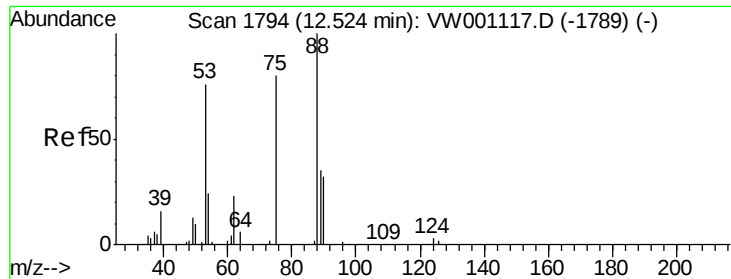
120 49.1 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

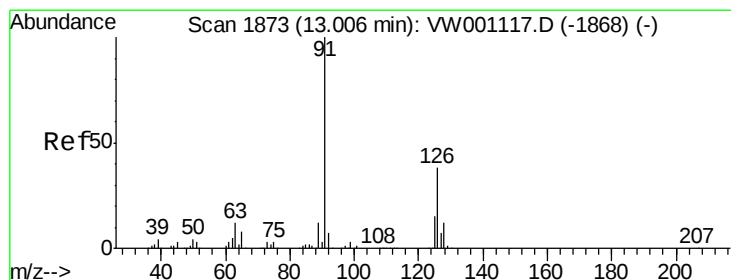
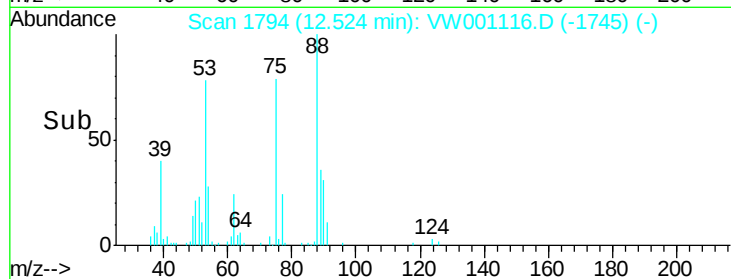
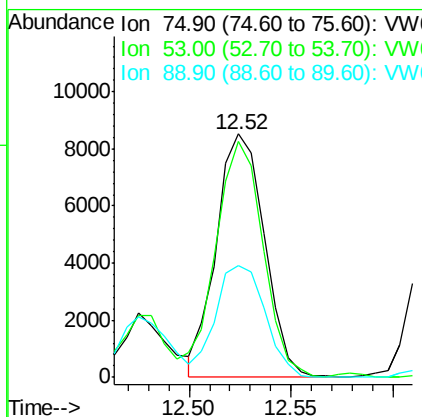
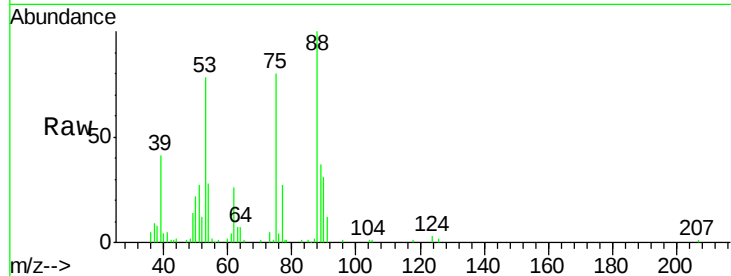




#81
trans-1,4-Dichloro-2-butene
Concen: 17.08 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

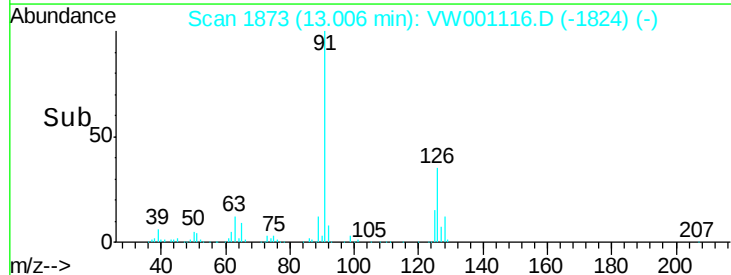
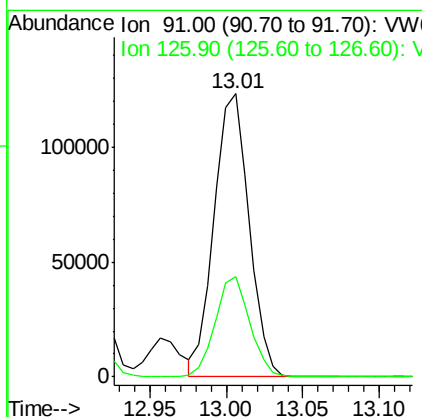
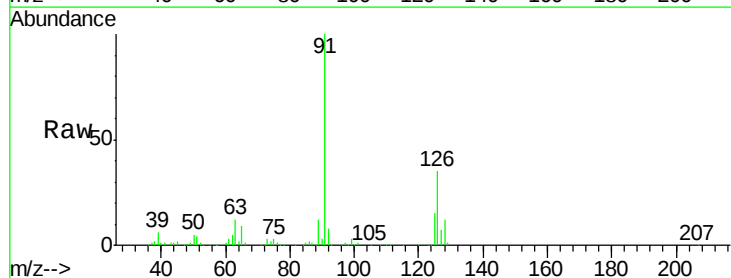
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

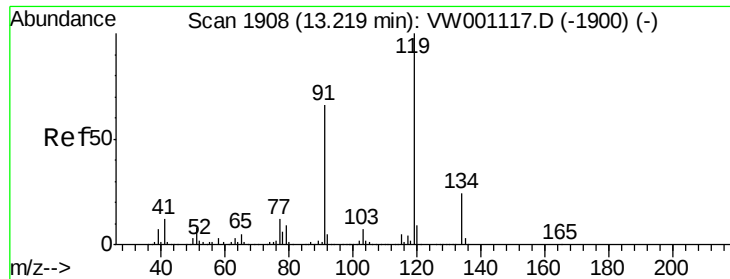
Tgt Ion: 75 Resp: 13953
Ion Ratio Lower Upper
75 100
53 96.1 75.0 112.6
89 47.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.22 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 91 Resp: 196045
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4

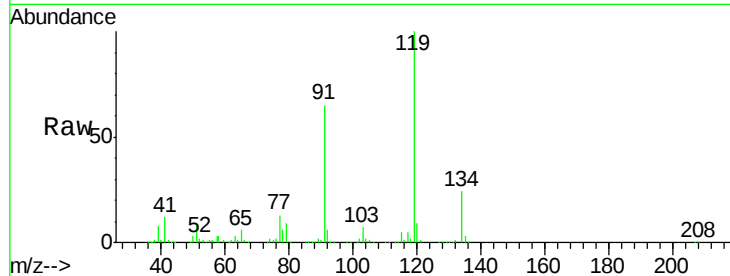




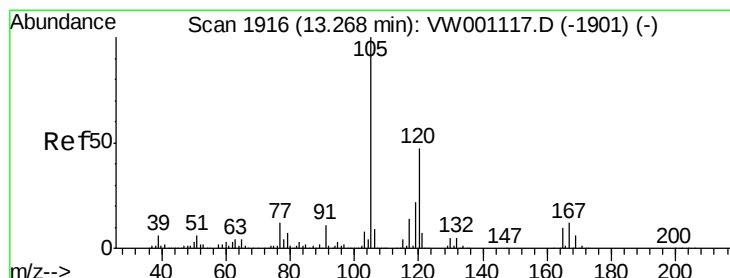
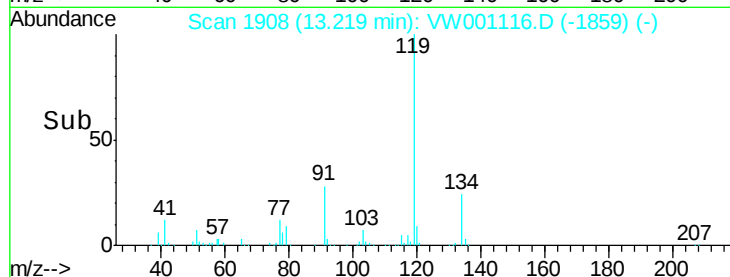
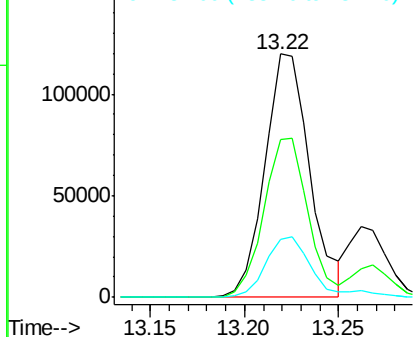
#83
 tert-Butylbenzene
 Concen: 19.70 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 197644
 Ion Ratio Lower Upper
 119 100
 91 64.2 31.9 95.5
 134 26.3 12.7 38.0

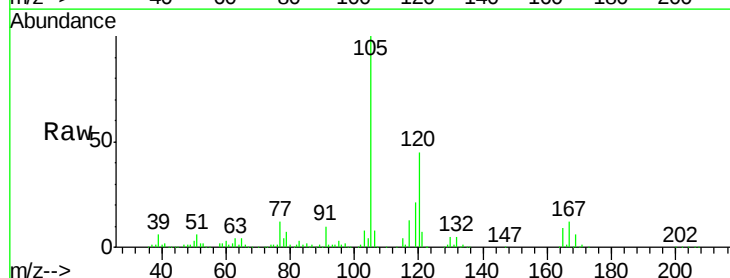


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

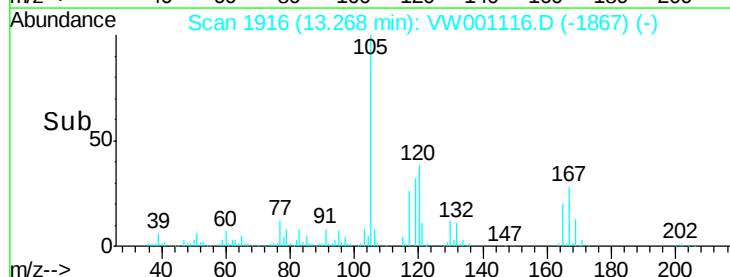
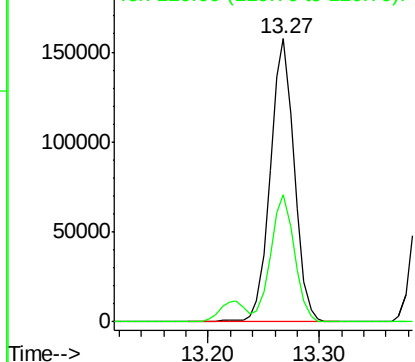


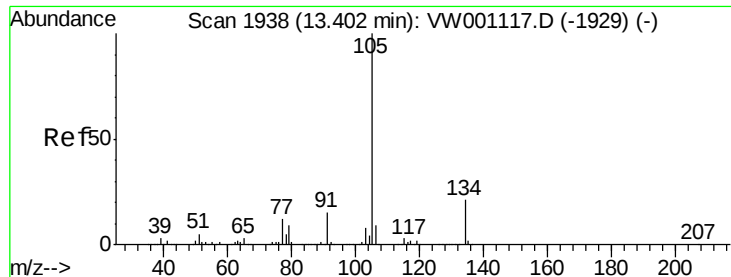
#84
 1,2,4-Trimethylbenzene
 Concen: 20.38 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion:105 Resp: 235481
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

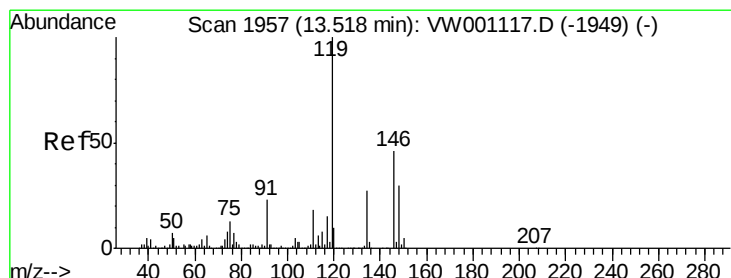
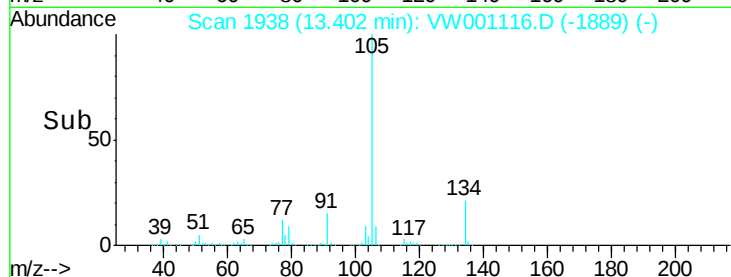
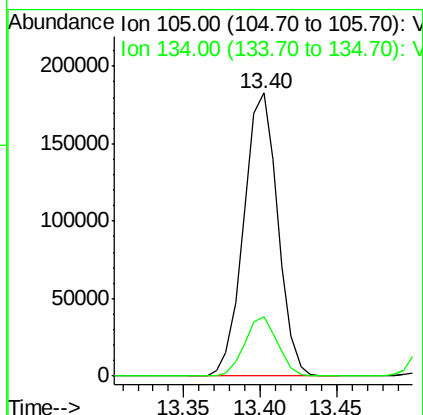
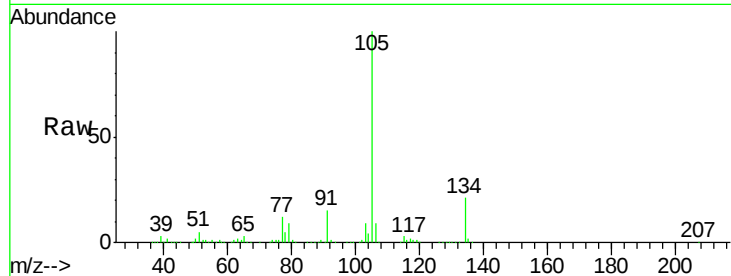




#85
 sec-Butylbenzene
 Concen: 19.85 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

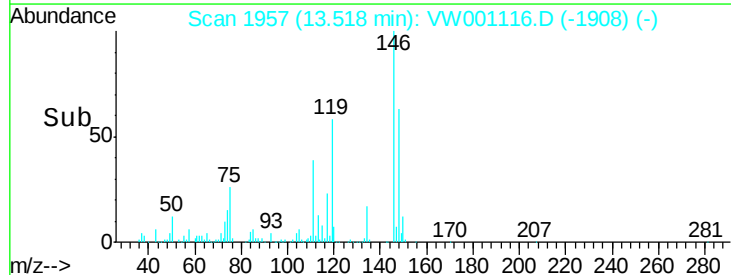
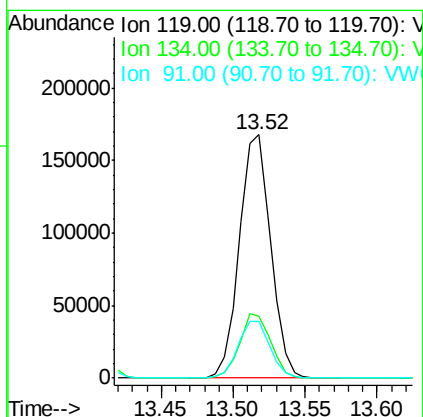
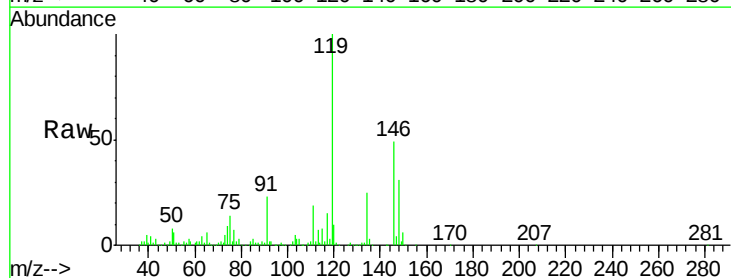
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

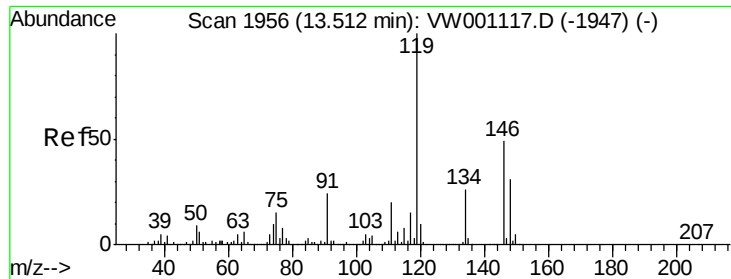
Tgt Ion:105 Resp: 281661
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.00 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion:119 Resp: 252404
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 23.6 11.8 35.4

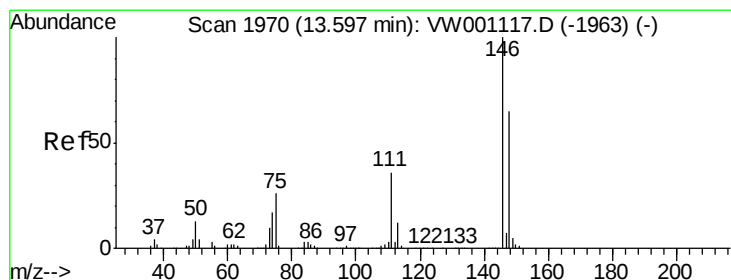
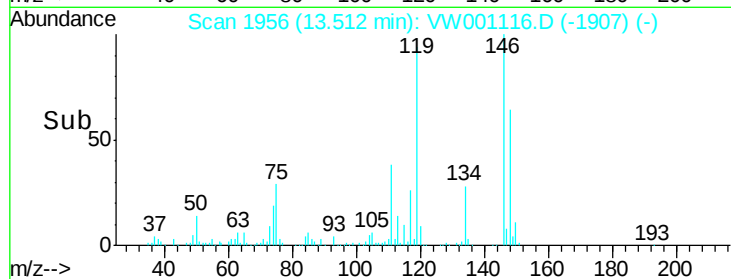
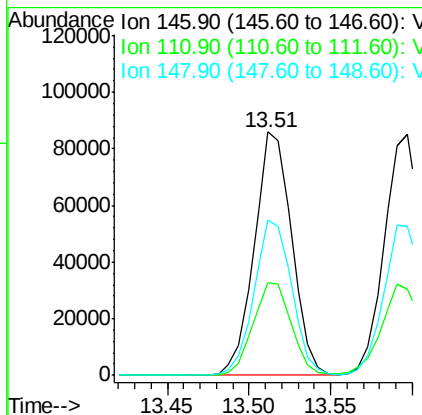
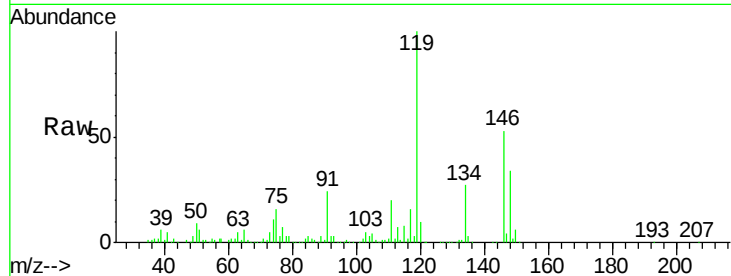




#87
 1,3-Dichlorobenzene
 Concen: 20.24 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

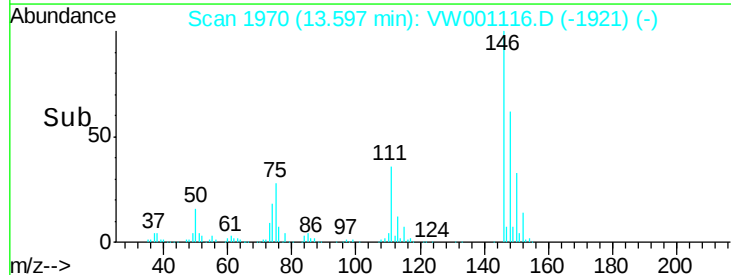
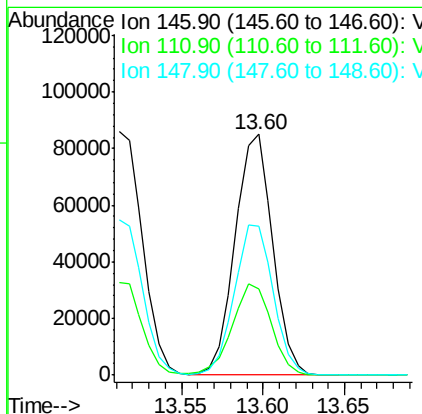
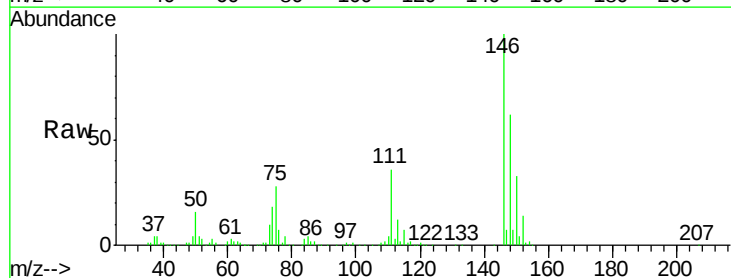
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

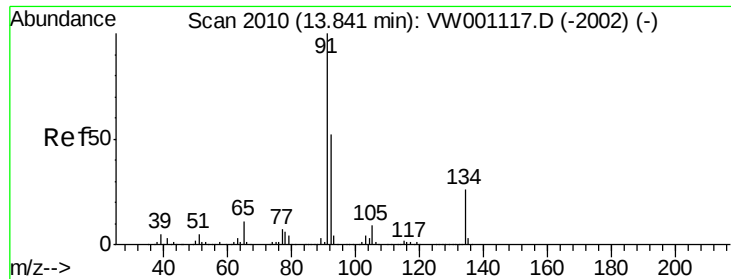
Tgt Ion:146 Resp: 137727
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.1
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.96 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion:146 Resp: 136488
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.1
 148 64.5 32.5 97.5

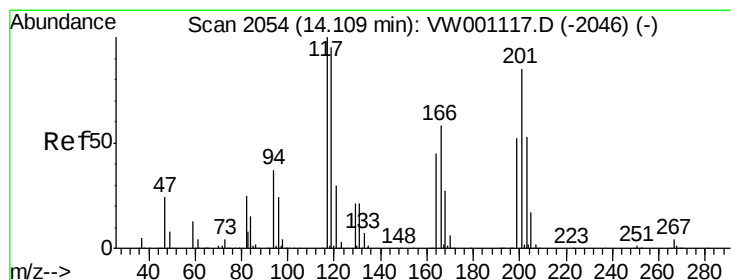
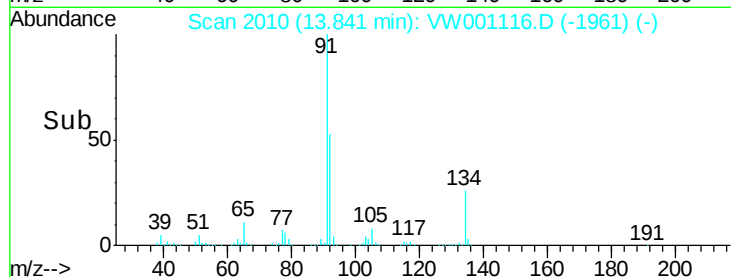
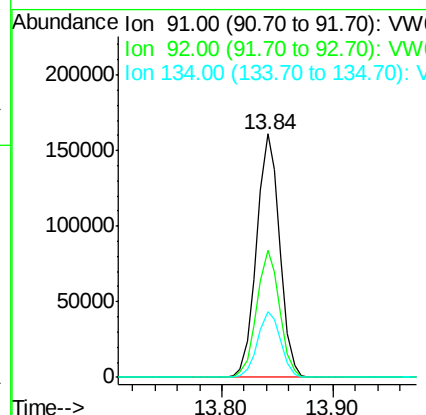
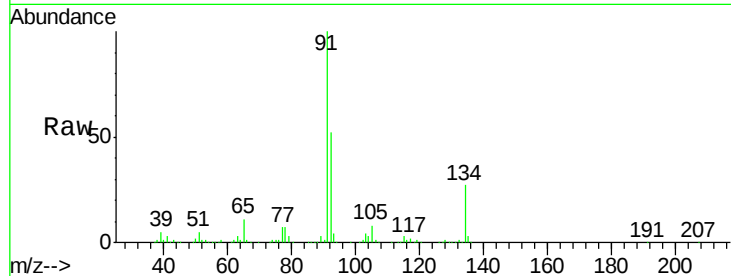




#89
n-Butylbenzene
Concen: 19.79 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

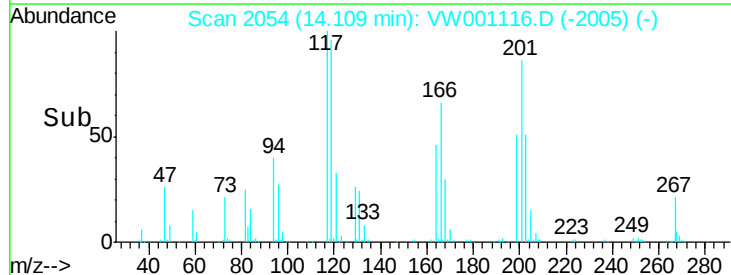
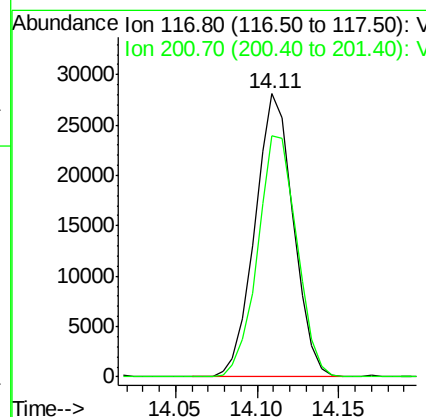
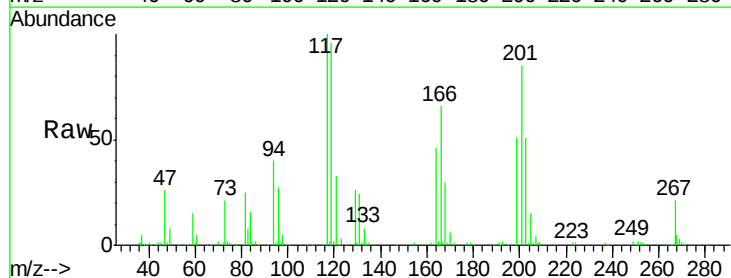
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

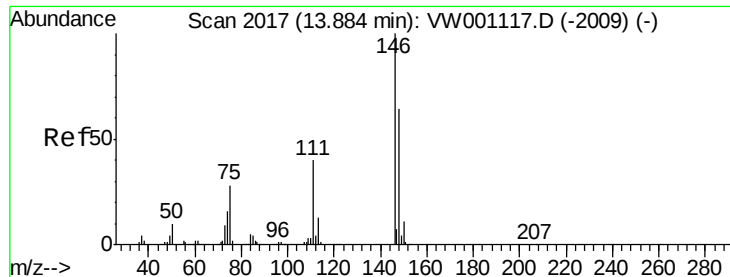
Tgt Ion: 91 Resp: 232642
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 27.0 13.6 40.8



#90
Hexachloroethane
Concen: 19.58 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion: 117 Resp: 46076
Ion Ratio Lower Upper
117 100
201 87.1 43.3 129.8

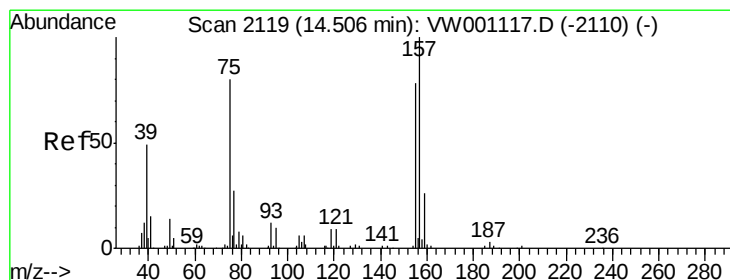
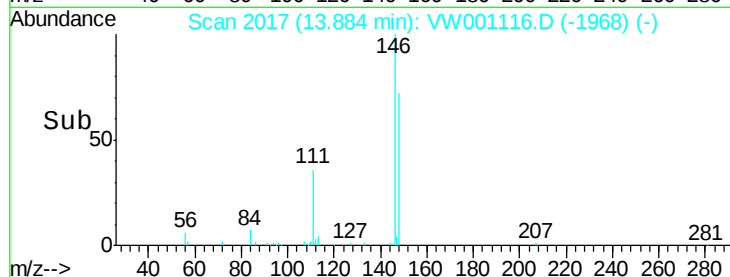
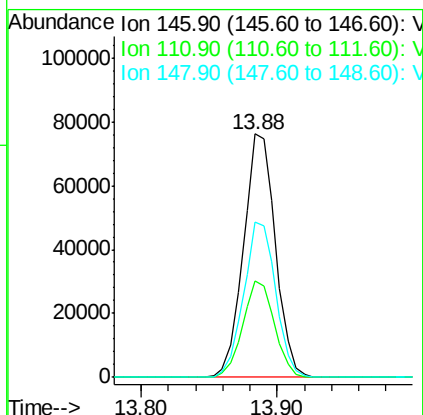
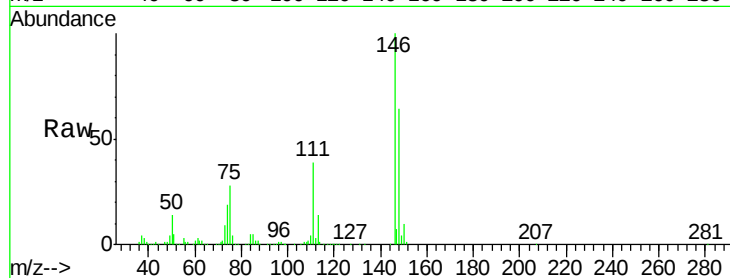




#91
 1,2-Dichlorobenzene
 Concen: 20.06 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

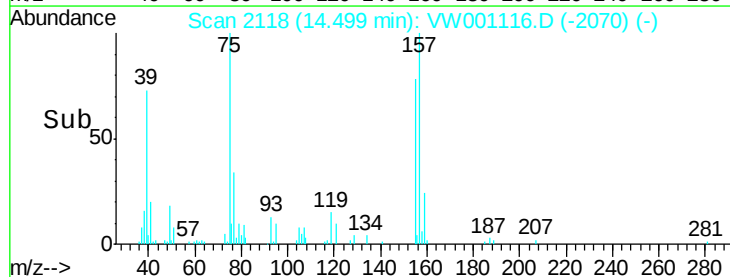
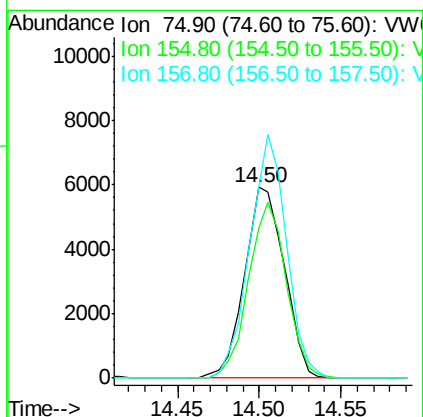
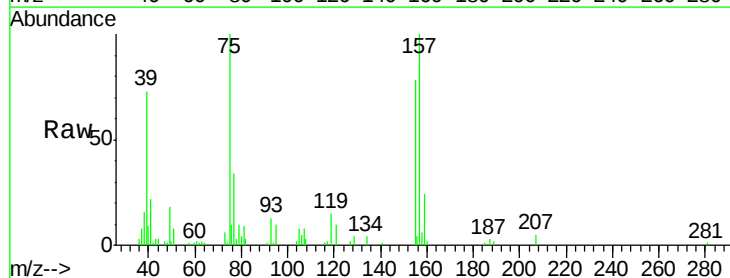
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

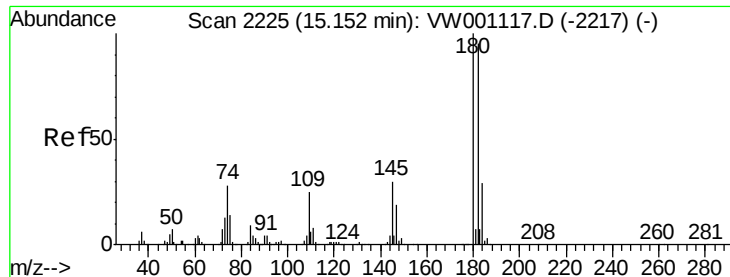
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.4	61.2
148	64.1	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.37 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	46.3	138.9
157	117.7	60.0	180.0

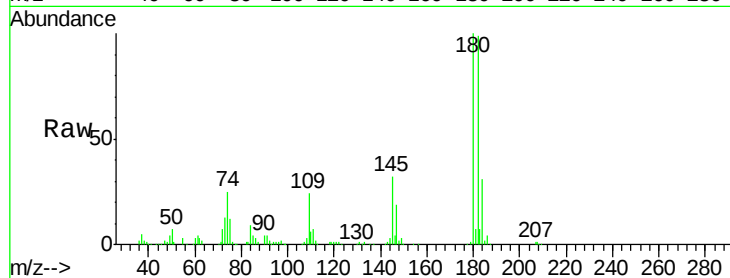




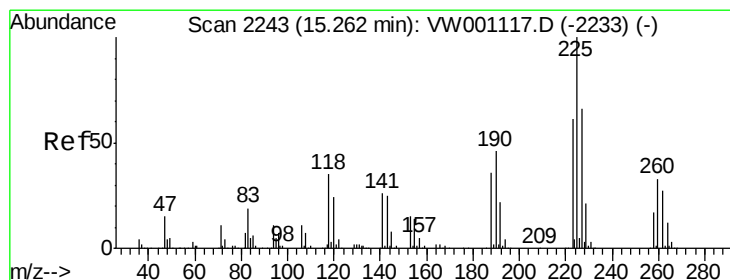
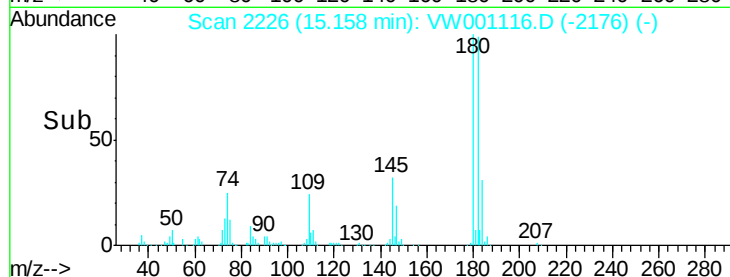
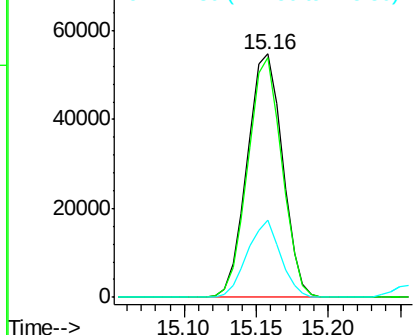
#93
 1,2,4-Trichlorobenzene
 Concen: 20.24 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 92757
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 29.8 15.0 45.1

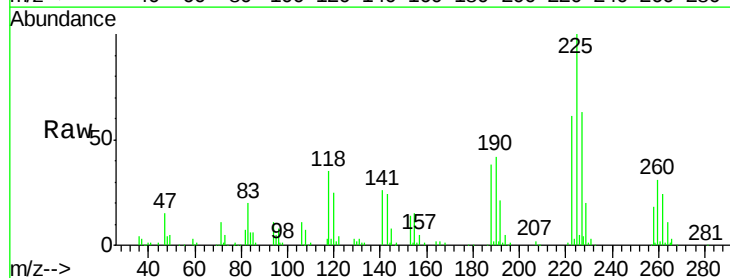


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

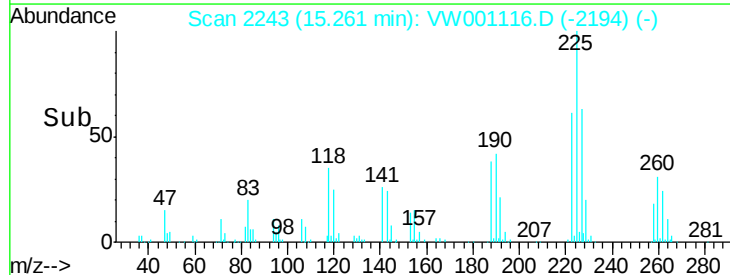
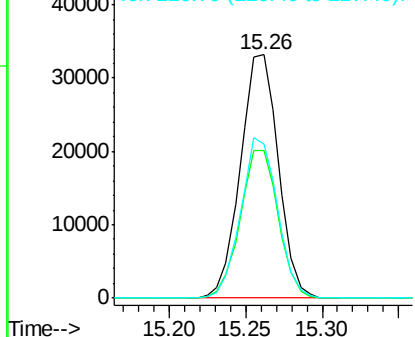


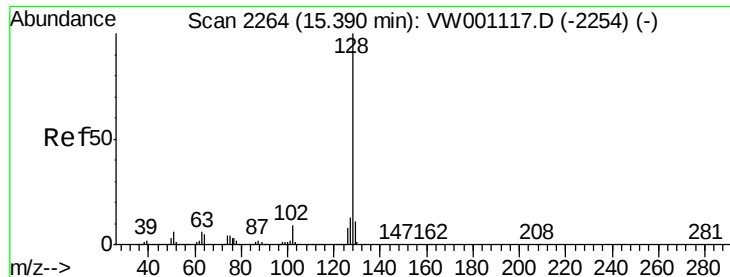
#94
 Hexachlorobutadiene
 Concen: 20.15 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: VW001116.D
 Acq: 29 Jan 2018 12:54

Tgt Ion:225 Resp: 57100
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.1 93.3
 227 64.1 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

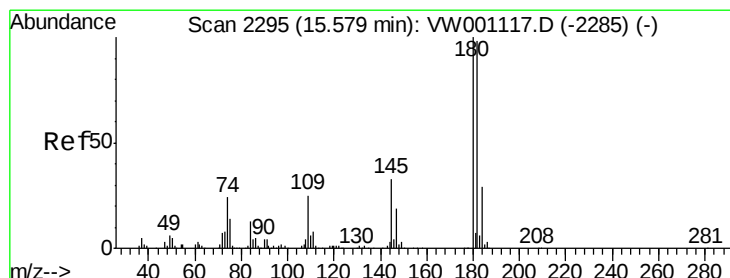
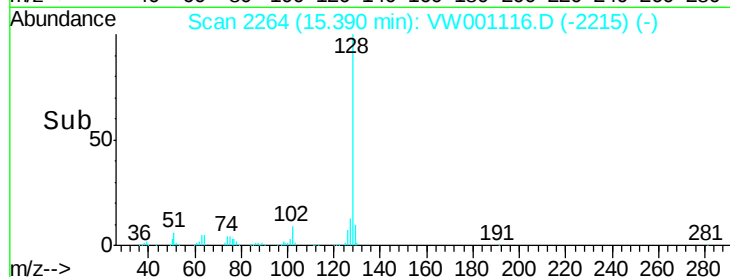
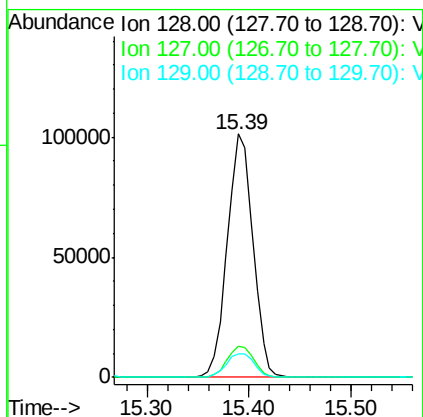
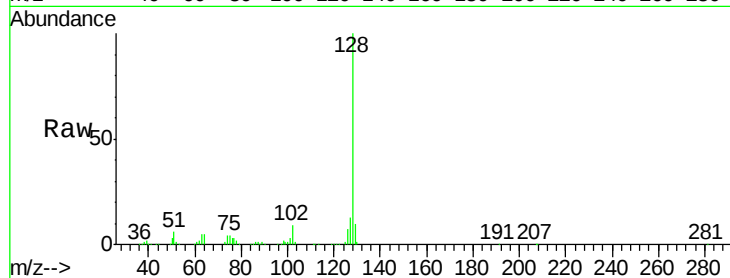




#95
Naphthalene
Concen: 19.49 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 176245
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.28 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VW001116.D
Acq: 29 Jan 2018 12:54

Tgt Ion:180 Resp: 85731
Ion Ratio Lower Upper
180 100
182 95.3 48.7 146.1
145 32.0 16.0 47.9

