

Data File : VW003253.D
Acq On : 13 Jun 2018 18:41
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Jun 14 07:55:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	463178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	429270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	219276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	496461	169.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.82%	
35) Dibromofluoromethane	7.89	113	448668	164.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.08%	
50) Toluene-d8	10.33	98	1814722	170.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	341.70%	
62) 4-Bromofluorobenzene	12.63	95	650254	168.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.36%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	146075	170.06	ug/l	92
3) Chloromethane	2.21	50	308210	135.90	ug/l	94
4) Vinyl Chloride	2.36	62	461008	131.48	ug/l	100
5) Bromomethane	2.78	94	312918	123.31	ug/l	97
6) Chloroethane	2.92	64	341042	128.65	ug/l	98
7) Trichlorofluoromethane	3.25	101	261351	133.14	ug/l	96
8) Diethyl Ether	3.67	74	210336	135.30	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	390765	147.81	ug/l	99
10) Methyl Iodide	4.26	142	602105	138.82	ug/l	99
11) Tert butyl alcohol	5.25	59	136804	715.22	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	386163	145.03	ug/l	98
13) Acrolein	3.90	56	173082	867.37	ug/l	100
14) Allyl chloride	4.66	41	706428	159.96	ug/l	99
15) Acrylonitrile	5.38	53	459589	763.97	ug/l	99
16) Acetone	4.15	43	465927	798.76	ug/l	100
17) Carbon Disulfide	4.37	76	1124665	140.02	ug/l	99
18) Methyl Acetate	4.68	43	237968	158.48	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	766430	153.05	ug/l	99
20) Methylene Chloride	4.91	84	410166	138.99	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	429790	148.17	ug/l	99
22) Diisopropyl ether	6.32	45	1471116	163.39	ug/l	99
23) Vinyl Acetate	6.26	43	4394836	829.25	ug/l	100
24) 1,1-Dichloroethane	6.21	63	823531	155.21	ug/l	98
25) 2-Butanone	7.18	43	656993	821.16	ug/l	98
26) 2,2-Dichloropropane	7.17	77	509303	155.66	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	485479	152.37	ug/l	99
28) Bromochloromethane	7.51	49	384989	179.81	ug/l	99
29) Tetrahydrofuran	7.54	42	408869	792.41	ug/l	100
30) Chloroform	7.68	83	836294	153.34	ug/l	99
31) Cyclohexane	7.96	56	715420	142.78	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	679818	153.88	ug/l	99
36) 1,1-Dichloropropene	8.09	75	647097	148.66	ug/l	100
37) Ethyl Acetate	7.26	43	277293	144.95	ug/l	100
38) Carbon Tetrachloride	8.07	117	647421	152.38	ug/l	100

Data File : VW003253.D
Acq On : 13 Jun 2018 18:41
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Jun 14 07:55:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	787066	152.63	ug/l	99
40) Benzene	8.33	78	1819560	149.28	ug/l	100
41) Methacrylonitrile	7.49	41	183640	167.38	ug/l	97
42) 1,2-Dichloroethane	8.40	62	561613	148.20	ug/l	99
43) Isopropyl Acetate	8.43	43	582691	157.51	ug/l	99
44) Trichloroethene	9.10	130	477236	145.48	ug/l	99
45) 1,2-Dichloropropane	9.37	63	466500	152.43	ug/l	98
46) Dibromomethane	9.46	93	239550	146.45	ug/l	99
47) Bromodichloromethane	9.65	83	630061	157.74	ug/l	99
48) Methyl methacrylate	9.44	41	285322	162.27	ug/l	98
49) 1,4-Dioxane	9.49	88	71371	2815.45	ug/l	83
51) 4-Methyl-2-Pentanone	10.22	43	1503733	799.80	ug/l	99
52) Toluene	10.40	92	1193204	152.57	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	668011	162.40	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	748251	159.92	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	341074	150.90	ug/l	99
56) Ethyl methacrylate	10.65	69	467773	166.98	ug/l	98
57) 1,3-Dichloropropane	10.94	76	593635	152.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	962887	753.57	ug/l	99
59) 2-Hexanone	10.98	43	1062204	830.19	ug/l	99
60) Dibromochloromethane	11.13	129	424552	156.20	ug/l	100
61) 1,2-Dibromoethane	11.24	107	325031	149.24	ug/l	100
64) Tetrachloroethene	10.87	164	414017	136.19	ug/l	98
65) Chlorobenzene	11.66	112	1304643	147.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	469588	152.52	ug/l	99
67) Ethyl Benzene	11.74	91	2401510	153.85	ug/l	100
68) m/p-Xylenes	11.85	106	1812373	303.70	ug/l	98
69) o-Xylene	12.17	106	865300	153.76	ug/l	100
70) Styrene	12.19	104	1468470	156.27	ug/l	99
71) Bromoform	12.35	173	257843	156.71	ug/l	# 100
73) Isopropylbenzene	12.47	105	2403603	158.35	ug/l	100
74) N-amyl acetate	12.28	43	595674	170.29	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	396985	153.54	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	552132	283.93	ug/l	# 100
77) Bromobenzene	12.76	156	539913	150.88	ug/l	98
78) n-propylbenzene	12.81	91	2876588	158.70	ug/l	100
79) 2-Chlorotoluene	12.90	91	1607586	156.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1978688	156.31	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	135702	177.00	ug/l	97
82) 4-Chlorotoluene	13.00	91	1693474	154.02	ug/l	100
83) tert-Butylbenzene	13.21	119	1705911	153.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2031066	155.34	ug/l	100
85) sec-Butylbenzene	13.40	105	2472827	156.24	ug/l	100
86) p-Isopropyltoluene	13.51	119	2207334	155.98	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1080762	150.01	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	1049308	145.83	ug/l	100
89) n-Butylbenzene	13.84	91	2128565	158.96	ug/l	99
90) Hexachloroethane	14.10	117	400329	159.28	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	947359	147.68	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	68319	153.83	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061318\
Quantitation Report (Not Reviewed)

Data File : VW003253.D
Acq On : 13 Jun 2018 18:41
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Jun 14 07:55:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	684859	149.95	ug/l	100
94) Hexachlorobutadiene	15.25	225	388851	145.30	ug/l	98
95) Naphthalene	15.38	128	1250013	154.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	595229	148.07	ug/l	99

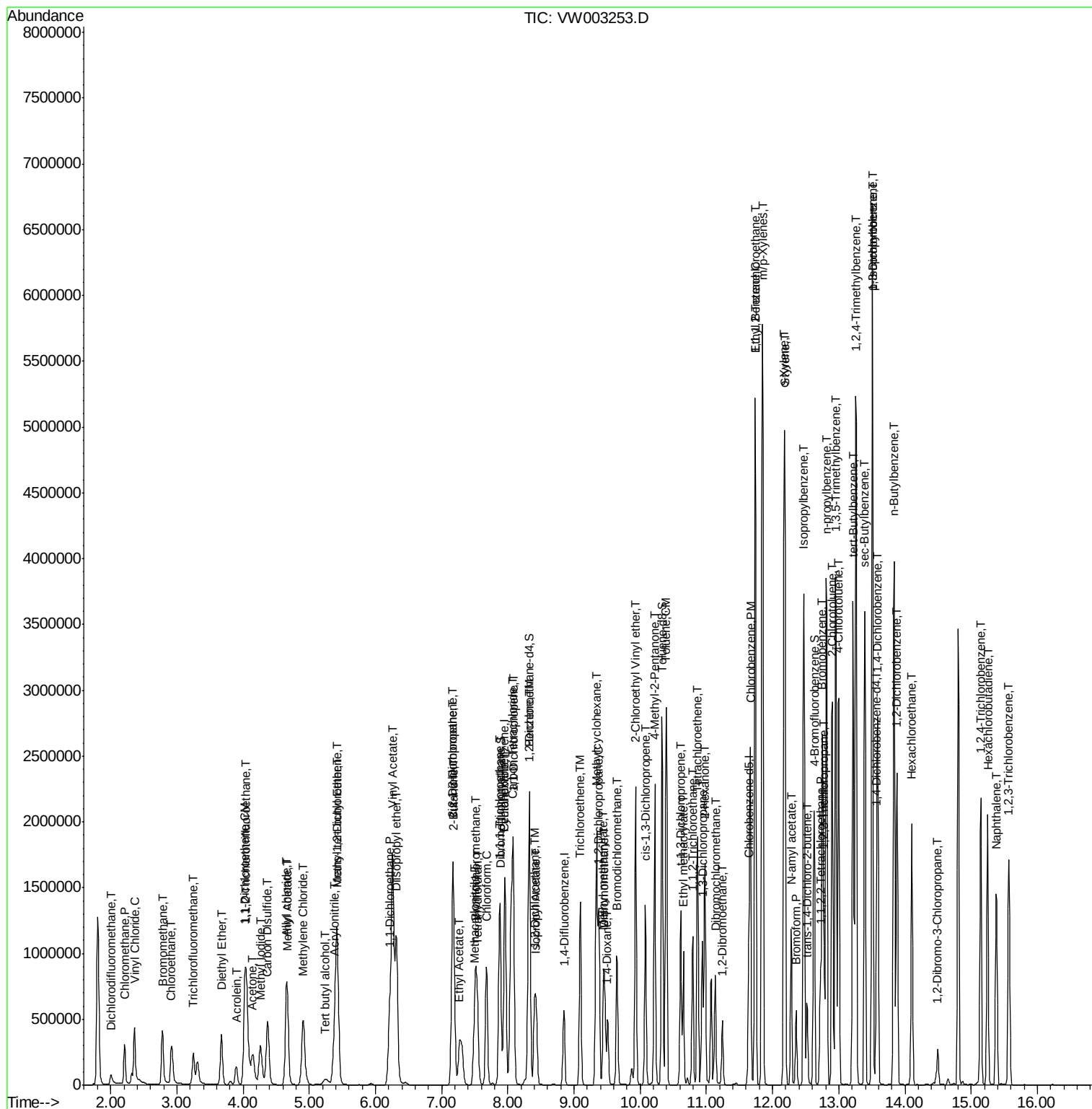
(#) = qualifier out of range (m) = manual integration (+) = signals summed

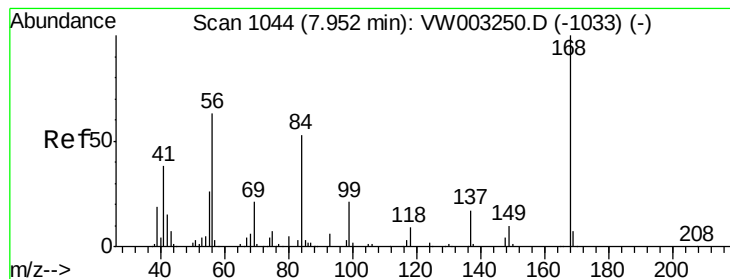
Data File : VW003253.D

```
Acq On       : 13 Jun 2018  18:41
Operator    : VA/AP
Sample      : VSTDICC150
Misc        : 5.00G/5ML/MSVOA_W/
ALS Vial    : 10      Sample Multip
```

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Jun 14 07:55:40 2018
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

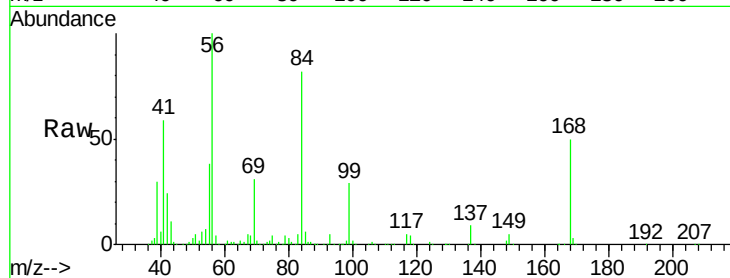
VSTDIC150

Tgt Ion:168 Resp: 295800

Ion Ratio Lower Upper

168 100

99 56.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

100000

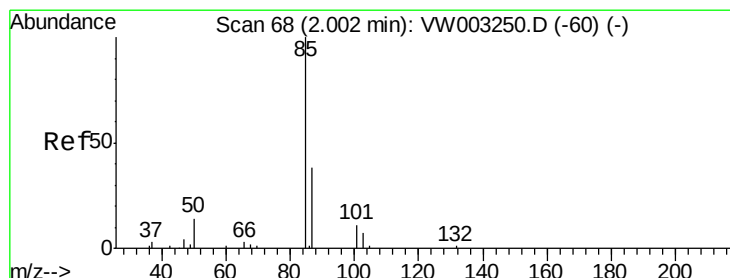
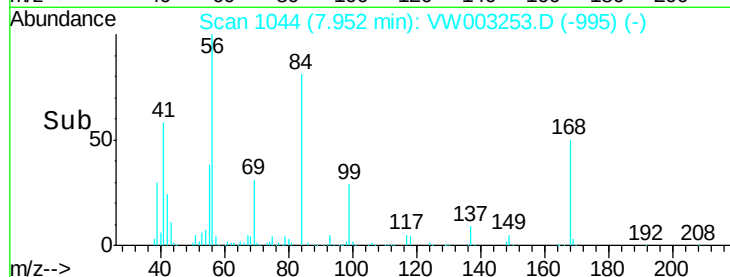
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 170.06 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003253.D

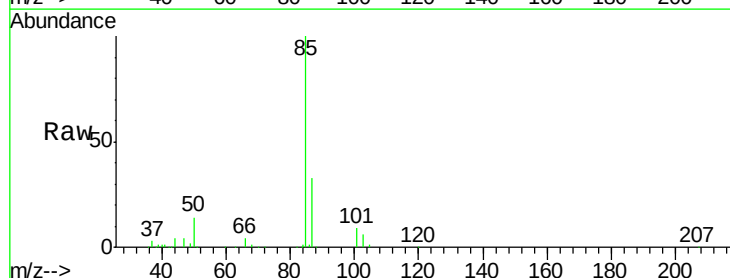
Acq: 13 Jun 2018 18:41

Tgt Ion: 85 Resp: 146075

Ion Ratio Lower Upper

85 100

87 32.8 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

30000

20000

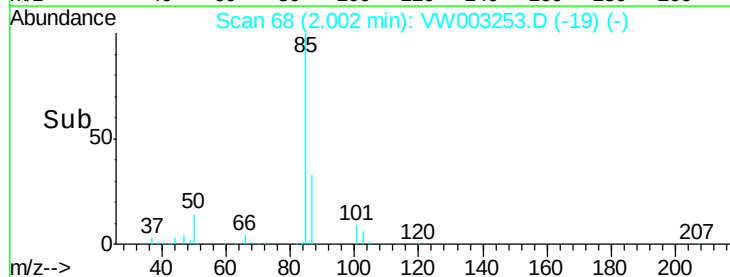
10000

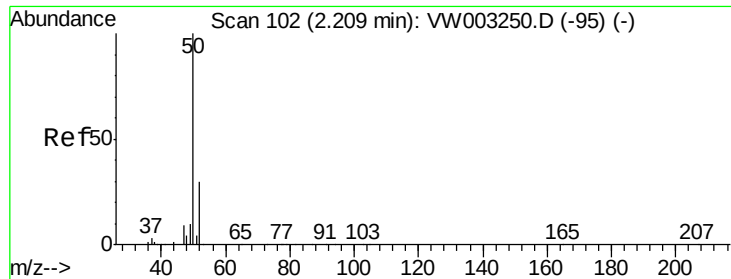
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 135.90 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

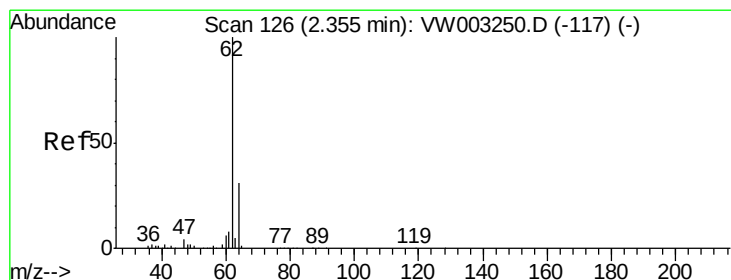
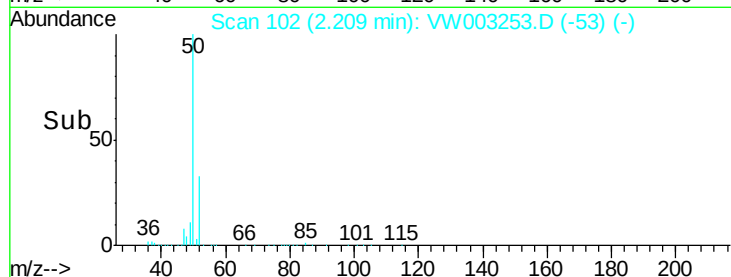
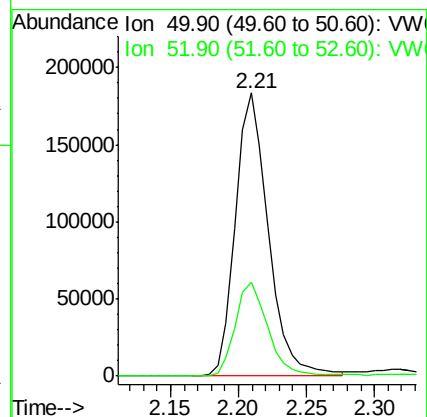
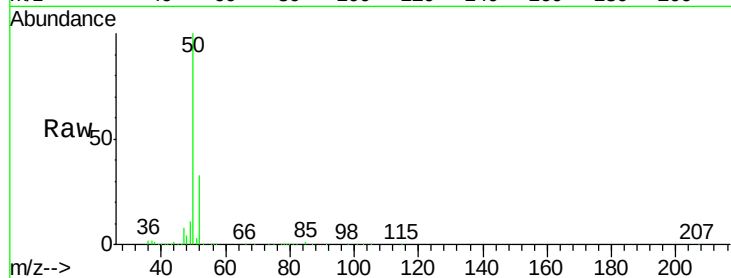
VSTDIC150

Tgt Ion: 50 Resp: 308210

Ion Ratio Lower Upper

50 100

52 33.3 24.2 36.2



#4

Vinyl Chloride

Concen: 131.48 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003253.D

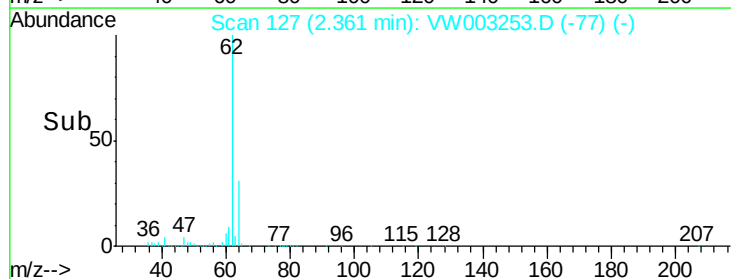
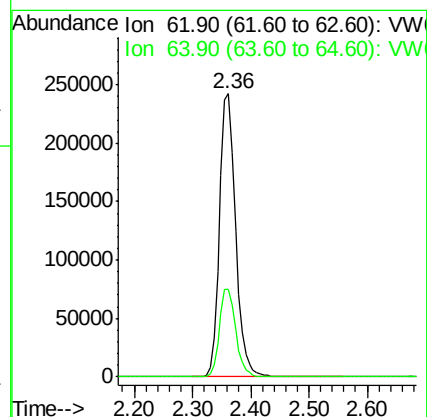
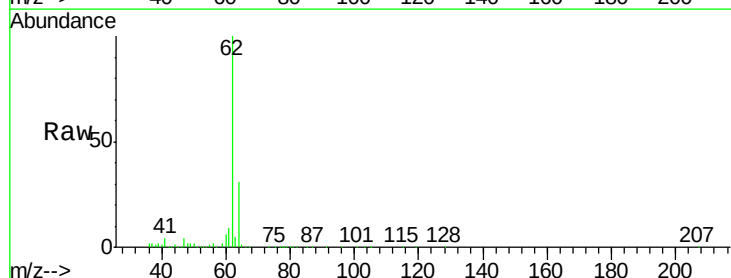
Acq: 13 Jun 2018 18:41

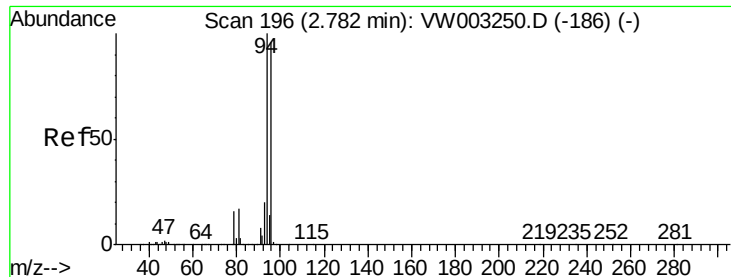
Tgt Ion: 62 Resp: 461008

Ion Ratio Lower Upper

62 100

64 30.9 24.9 37.3





#5

Bromomethane

Concen: 123.31 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

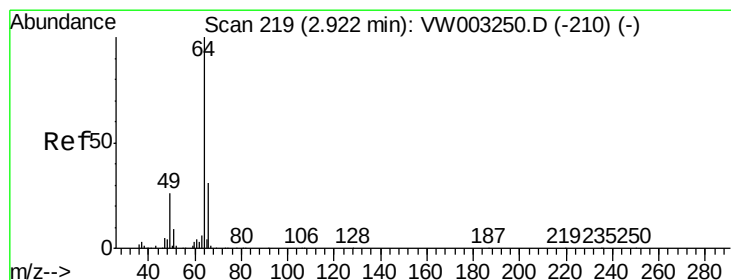
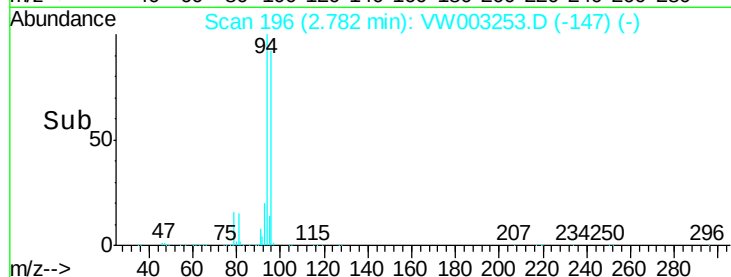
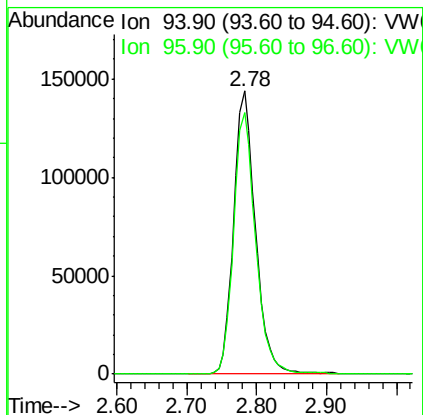
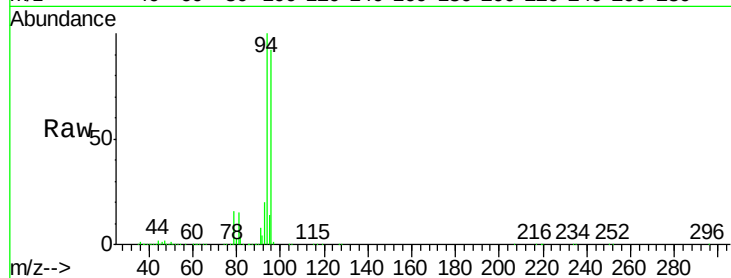
VSTDIC150

Tgt Ion: 94 Resp: 312918

Ion Ratio Lower Upper

94 100

96 92.4 76.5 114.7



#6

Chloroethane

Concen: 128.65 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003253.D

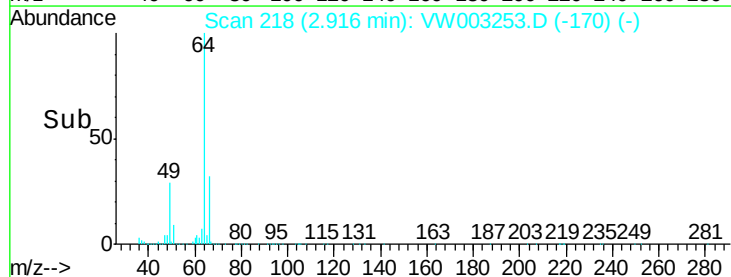
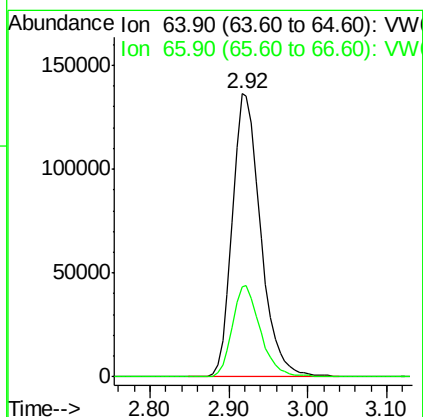
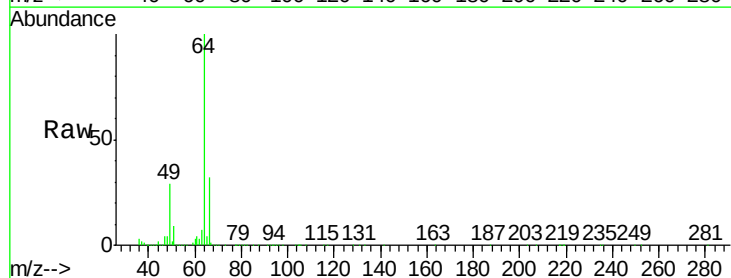
Acq: 13 Jun 2018 18:41

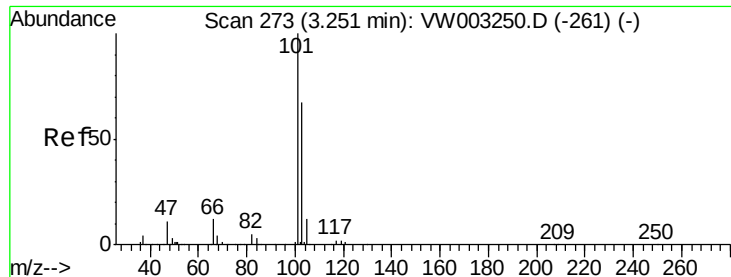
Tgt Ion: 64 Resp: 341042

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6



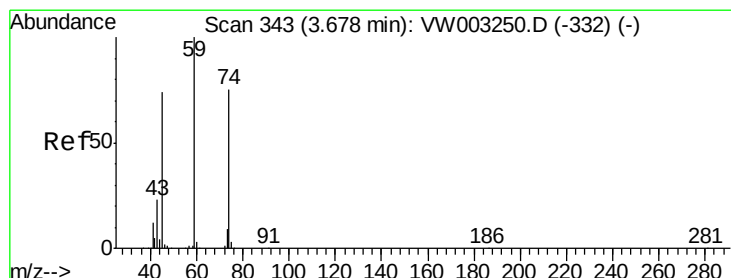
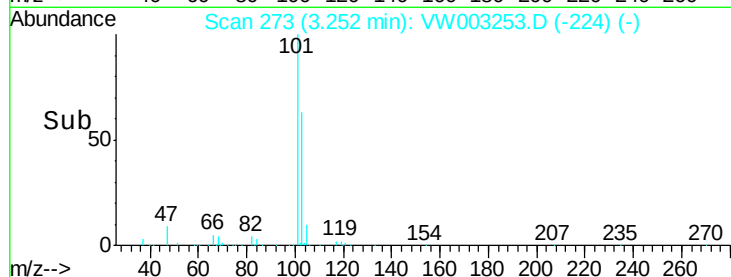
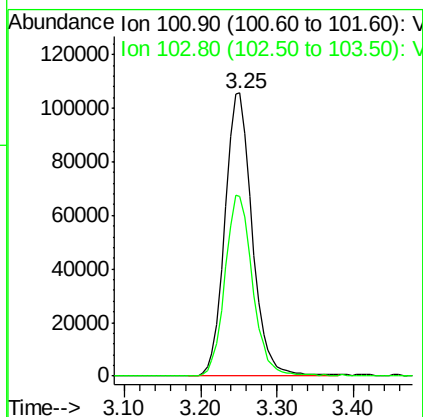
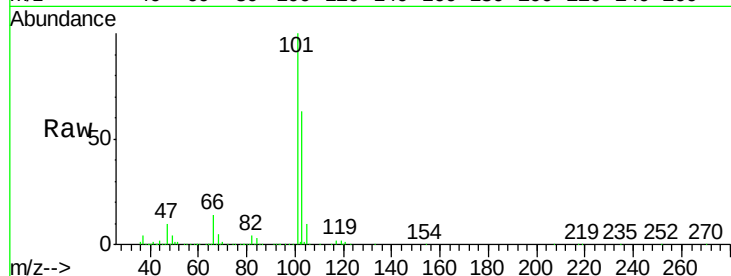


#7

Trichlorofluoromethane
Concen: 133.14 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

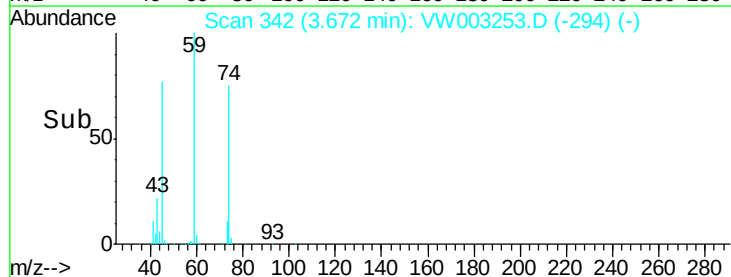
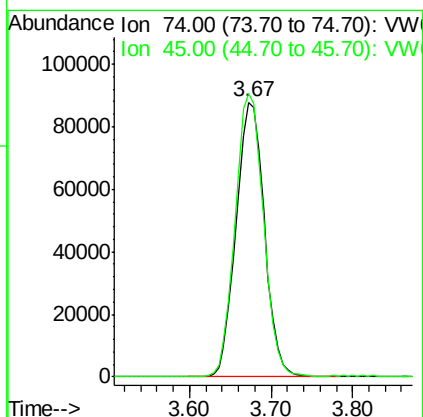
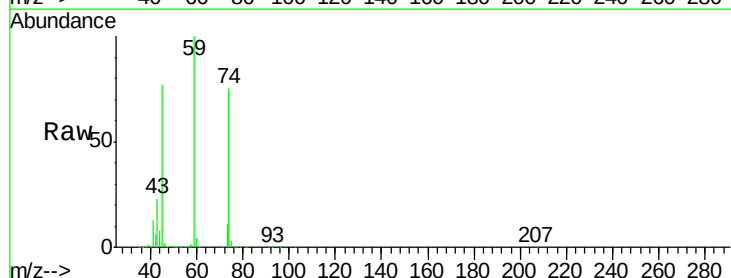
Tgt Ion:101 Resp: 261351
Ion Ratio Lower Upper
101 100
103 63.2 53.4 80.0

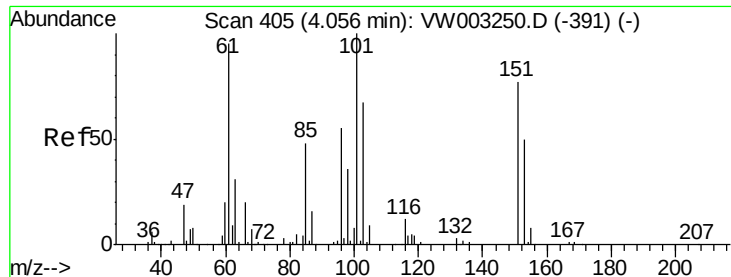


#8

Diethyl Ether
Concen: 135.30 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 74 Resp: 210336
Ion Ratio Lower Upper
74 100
45 103.0 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.81 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

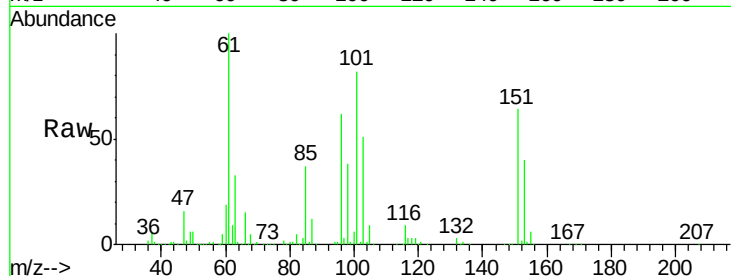
Tgt Ion:101 Resp: 390765

Ion Ratio Lower Upper

101 100

85 45.5 37.0 55.6

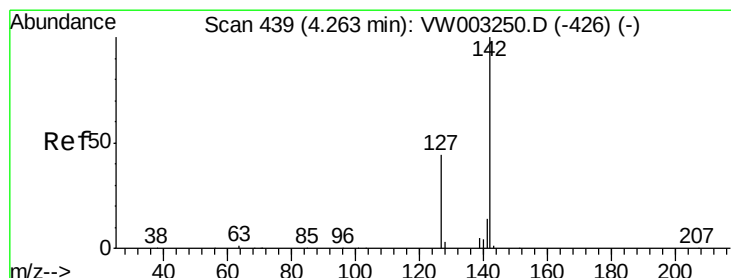
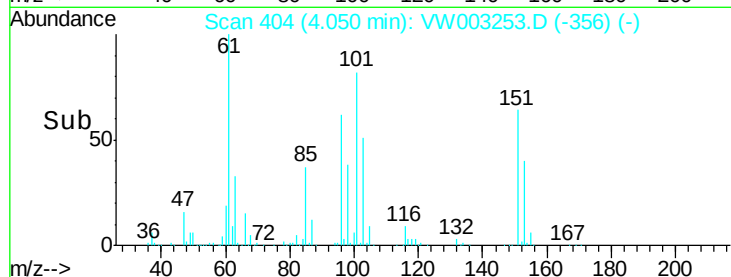
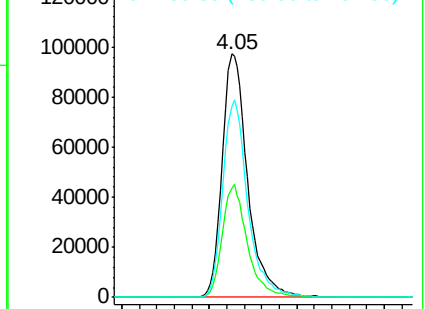
151 80.0 63.3 94.9

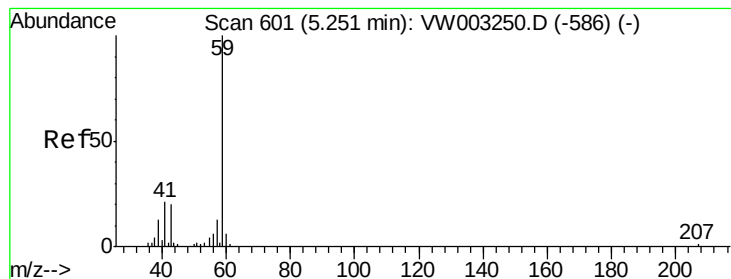


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



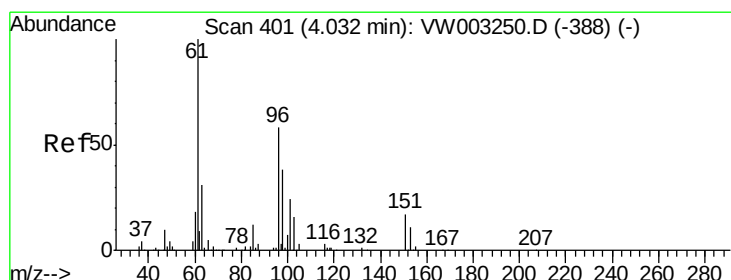
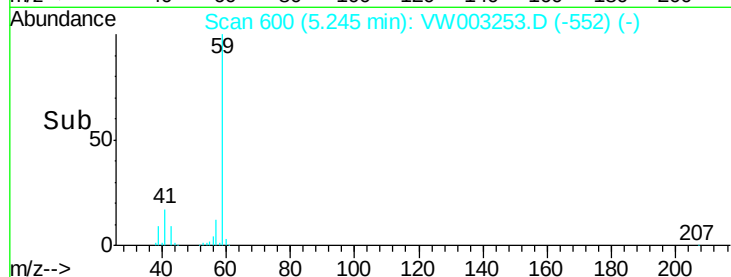
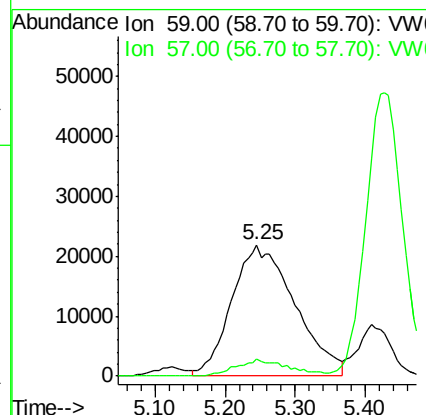
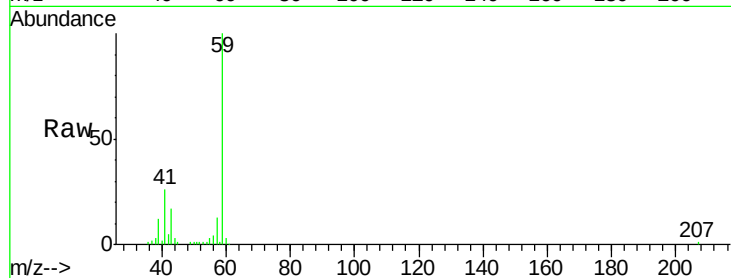


#11

Tert butyl alcohol
Concen: 715.22 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

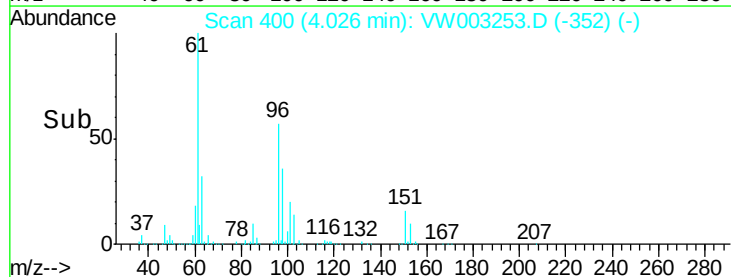
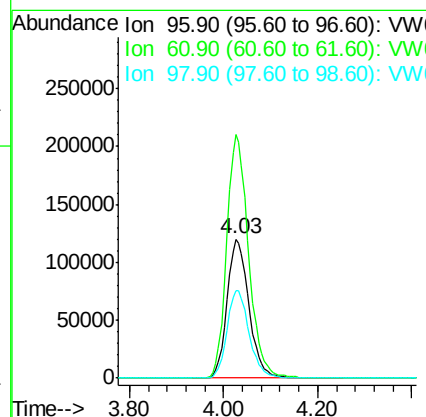
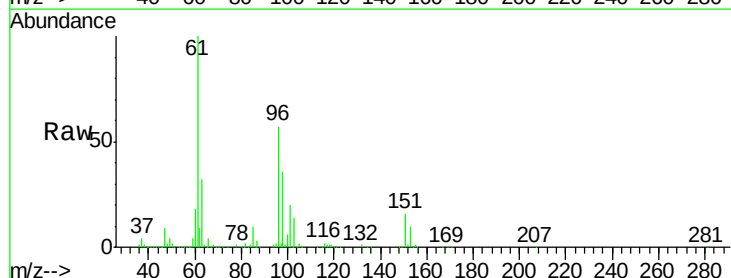
Tgt Ion: 59 Resp: 136804
Ion Ratio Lower Upper
59 100
57 10.6 4.2 6.2#

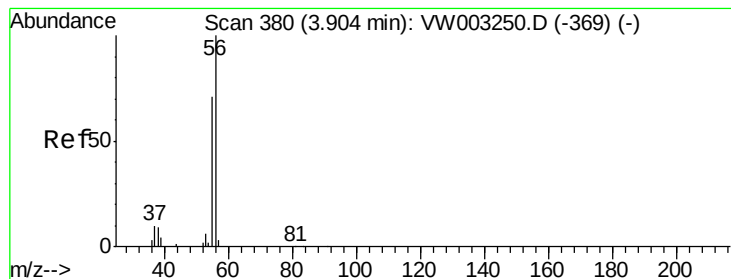


#12

1,1-Dichloroethene
Concen: 145.03 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 96 Resp: 386163
Ion Ratio Lower Upper
96 100
61 175.4 139.0 208.4
98 62.7 53.3 79.9





#13

Acrolein

Concen: 867.37 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

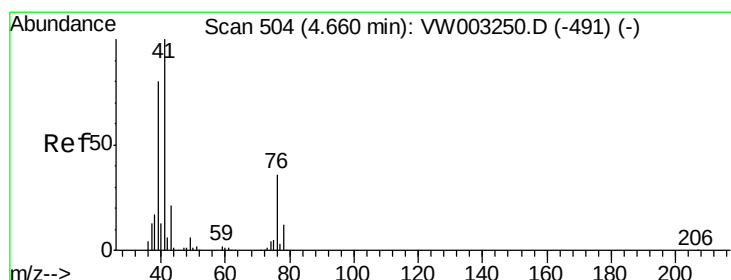
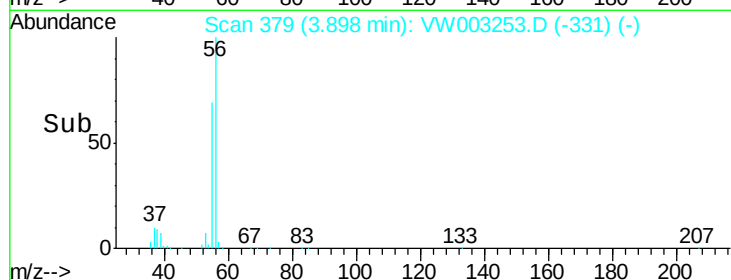
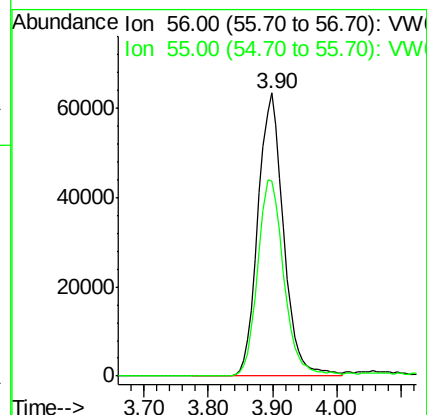
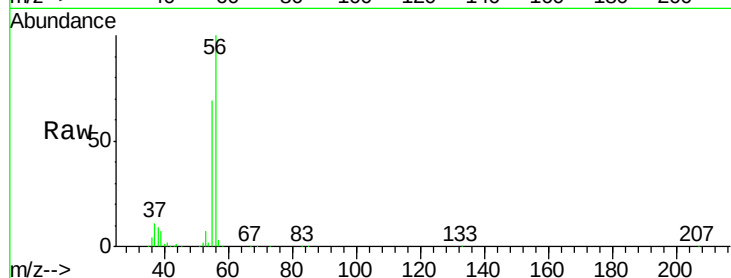
VSTDIC150

Tgt Ion: 56 Resp: 173082

Ion Ratio Lower Upper

56 100

55 69.3 55.4 83.2



#14

Allyl chloride

Concen: 159.96 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

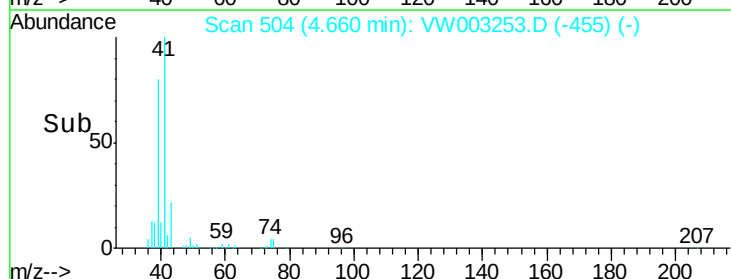
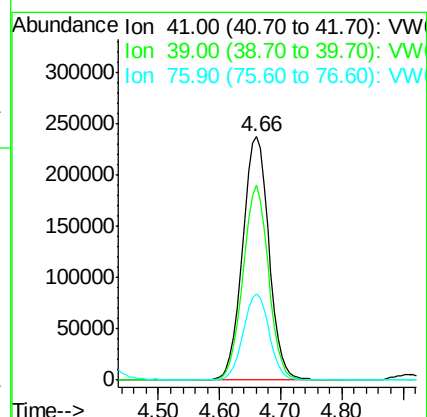
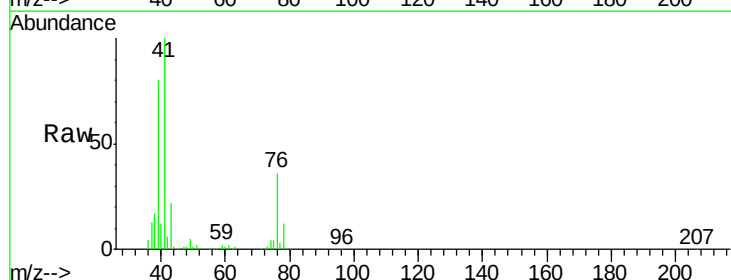
Tgt Ion: 41 Resp: 706428

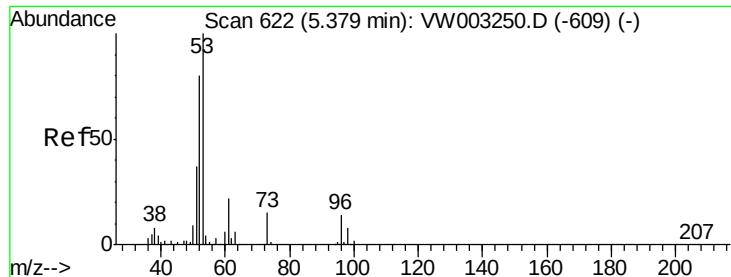
Ion Ratio Lower Upper

41 100

39 77.5 63.2 94.8

76 34.9 28.0 42.0





#15

Acrylonitrile

Concen: 763.97 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

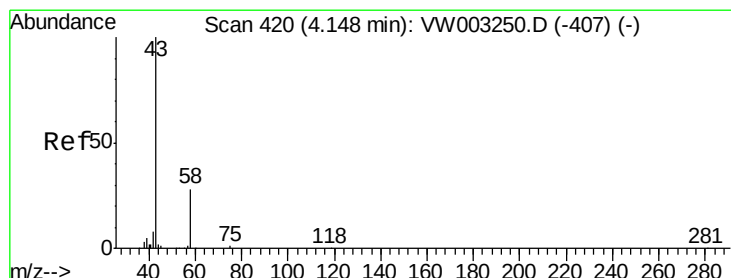
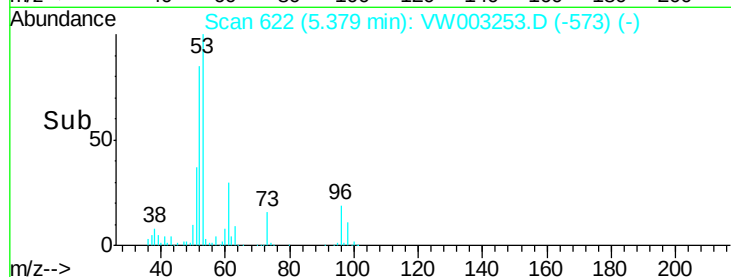
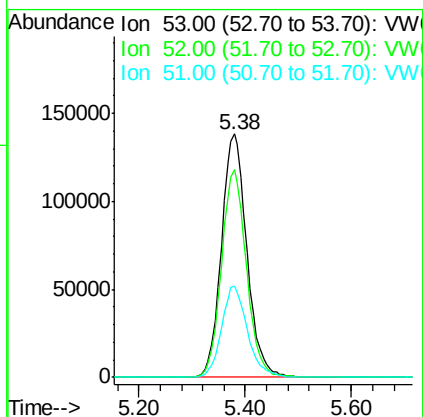
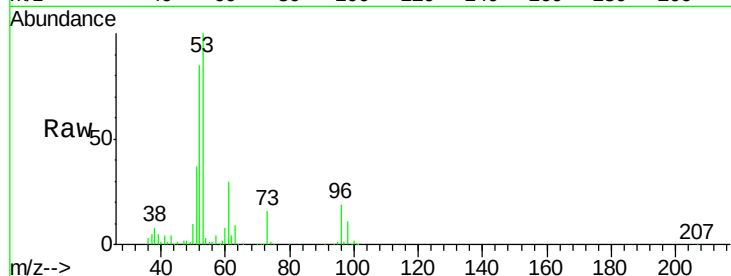
Tgt Ion: 53 Resp: 459589

Ion Ratio Lower Upper

53 100

52 83.9 66.6 100.0

51 38.0 30.6 46.0



#16

Acetone

Concen: 798.76 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003253.D

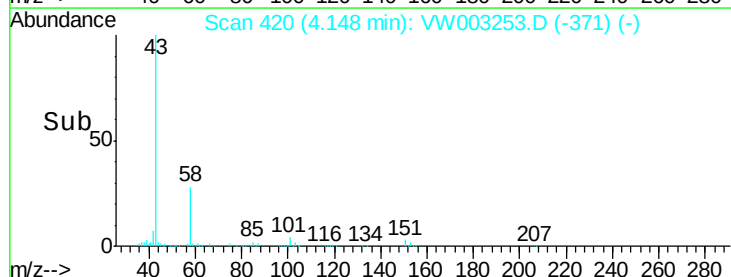
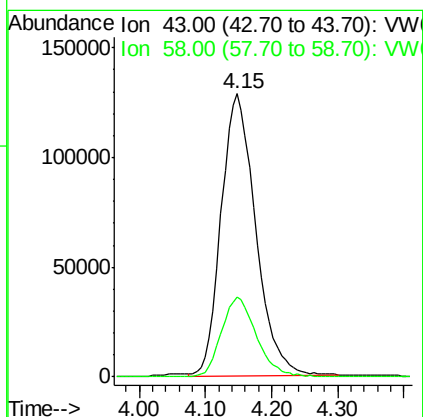
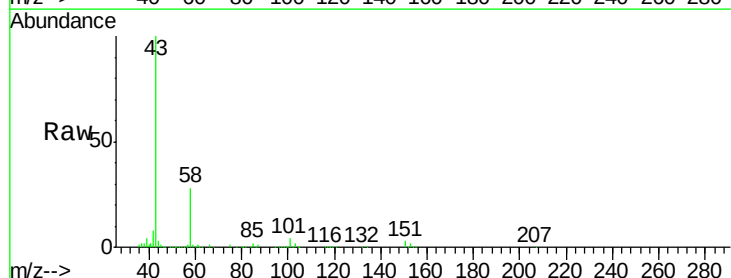
Acq: 13 Jun 2018 18:41

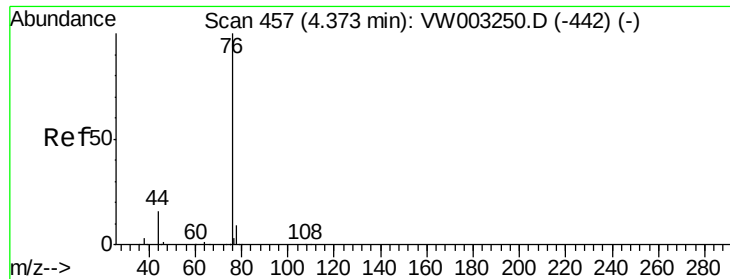
Tgt Ion: 43 Resp: 465927

Ion Ratio Lower Upper

43 100

58 28.1 22.6 34.0





#17

Carbon Disulfide

Concen: 140.02 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

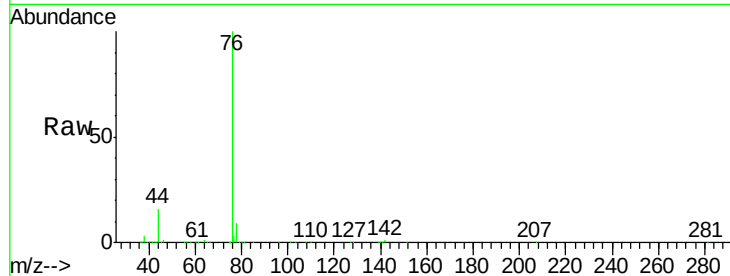
VSTDIC150

Tgt Ion: 76 Resp: 1124665

Ion Ratio Lower Upper

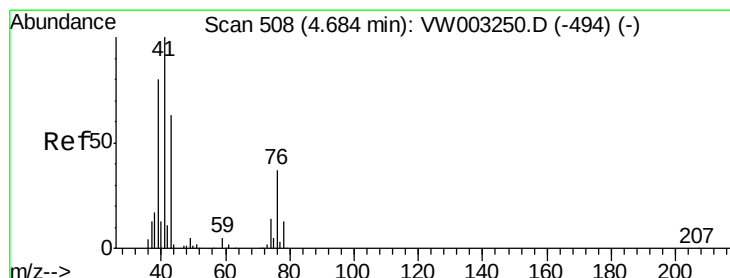
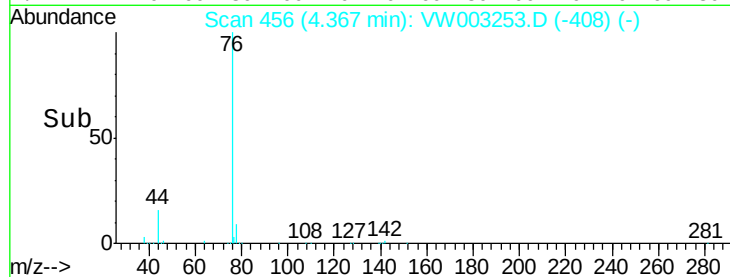
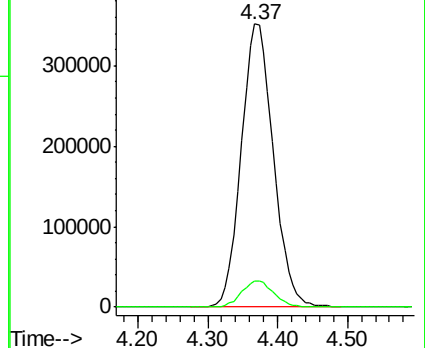
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 158.48 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003253.D

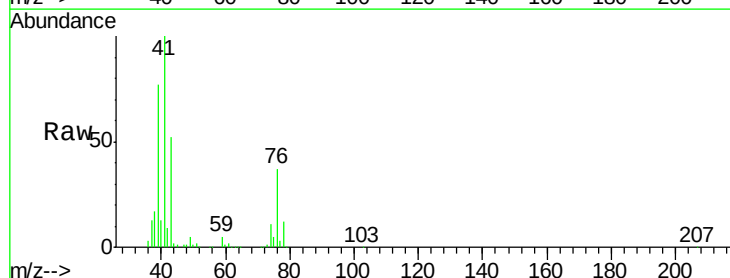
Acq: 13 Jun 2018 18:41

Tgt Ion: 43 Resp: 237968

Ion Ratio Lower Upper

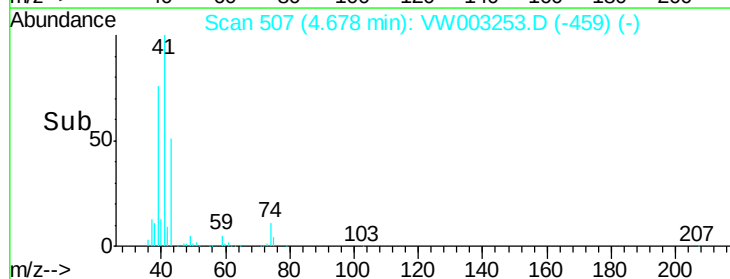
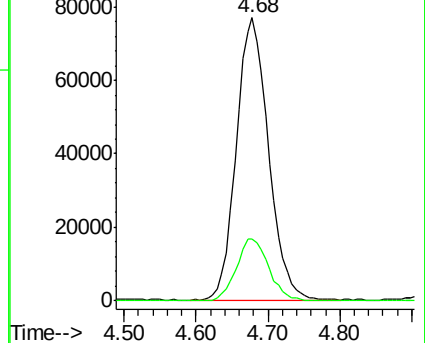
43 100

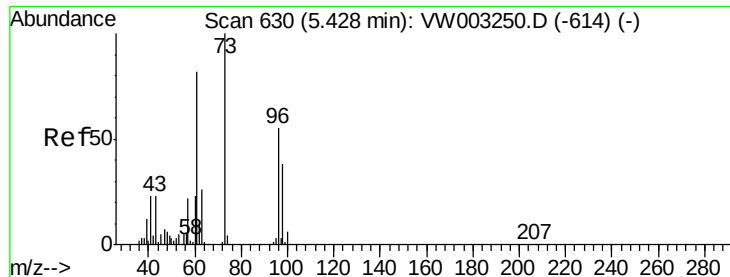
74 22.3 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 153.05 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

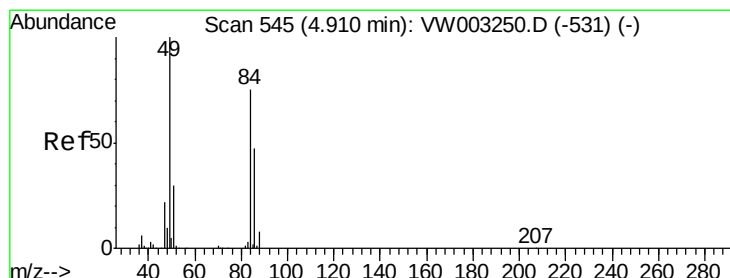
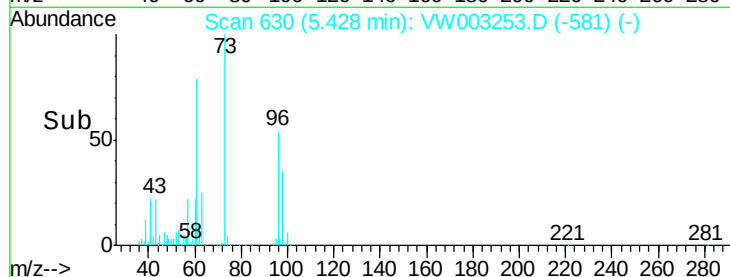
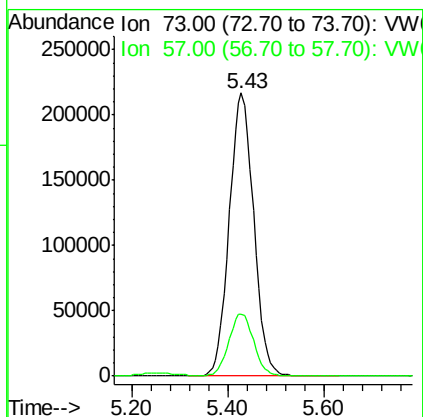
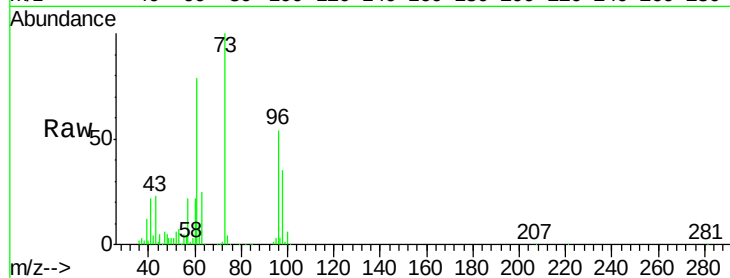
VSTDIC150

Tgt Ion: 73 Resp: 766430

Ion Ratio Lower Upper

73 100

57 21.8 18.0 27.0



#20

Methylene Chloride

Concen: 138.99 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion: 84 Resp: 410166

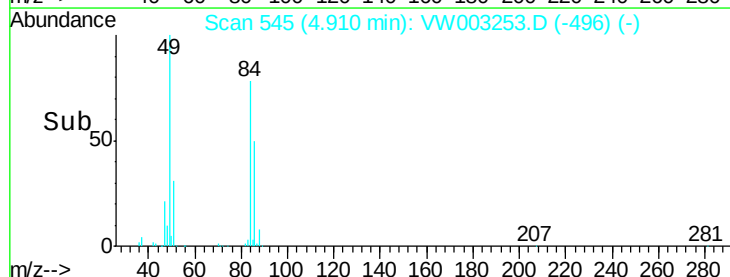
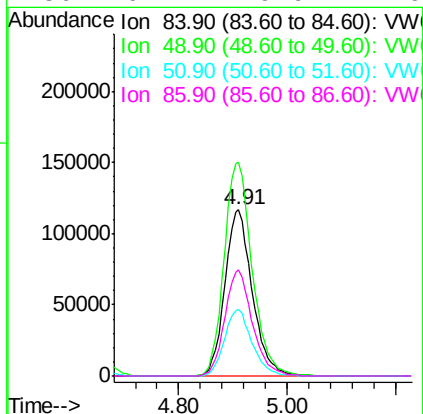
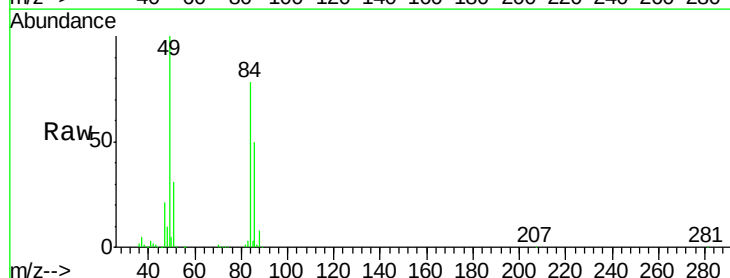
Ion Ratio Lower Upper

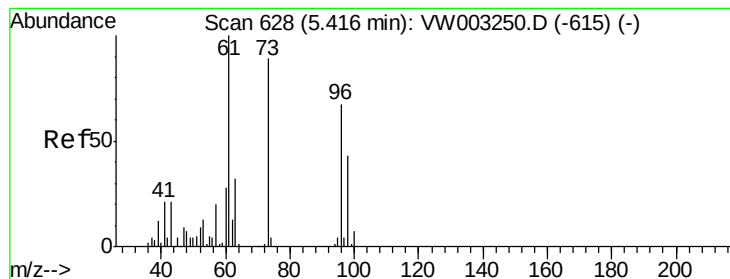
84 100

49 128.6 106.3 159.5

51 40.1 32.0 48.0

86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 148.17 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

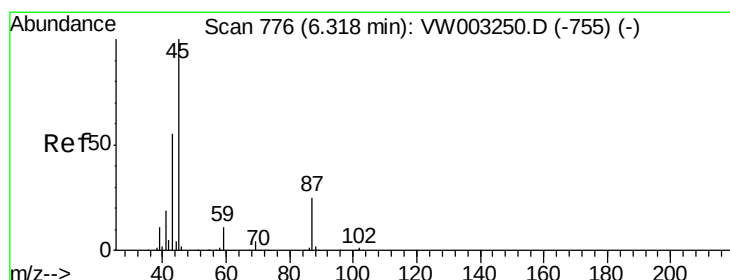
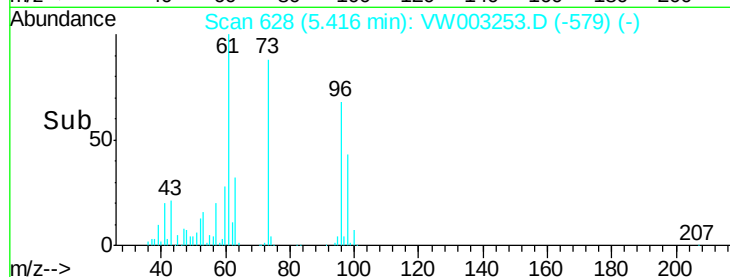
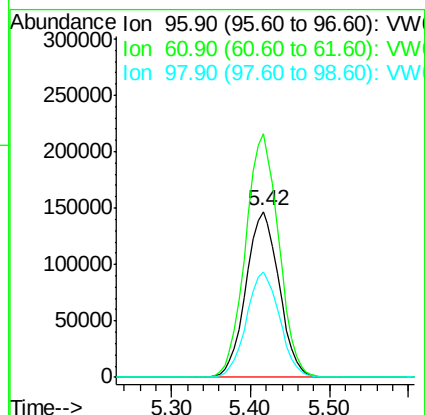
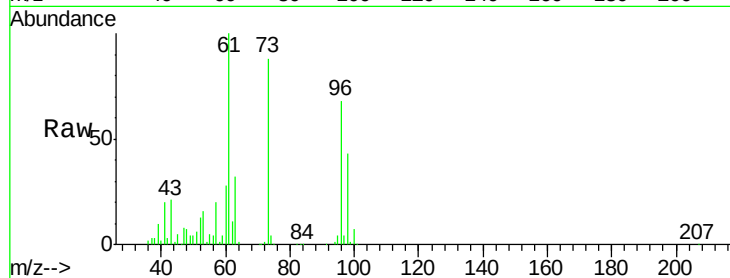
Tgt Ion: 96 Resp: 429790

Ion Ratio Lower Upper

96 100

61 146.5 118.7 178.1

98 63.2 51.0 76.6



#22

Diisopropyl ether

Concen: 163.39 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion: 45 Resp: 1471116

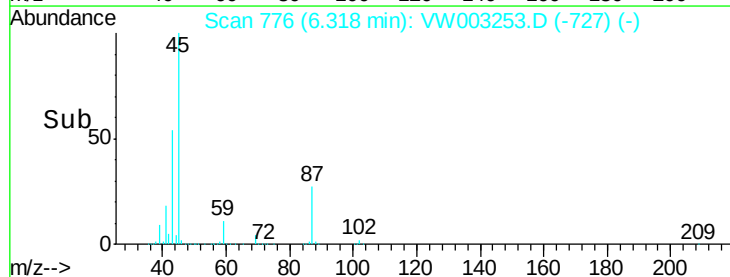
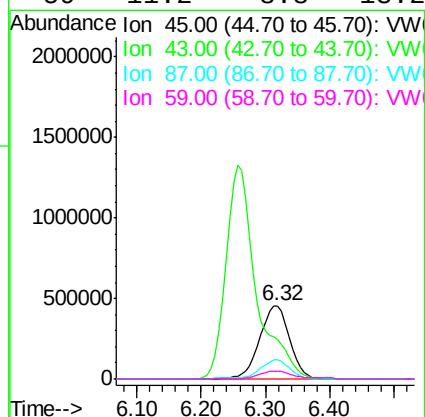
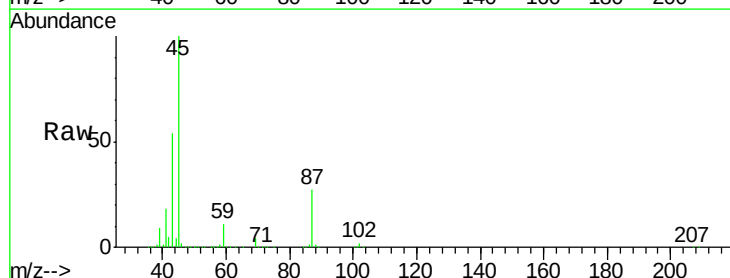
Ion Ratio Lower Upper

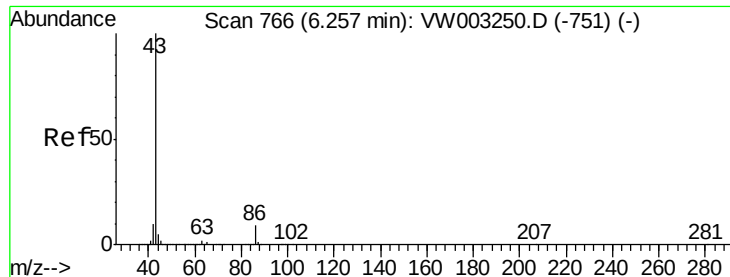
45 100

43 54.1 44.0 66.0

87 26.9 20.6 31.0

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 829.25 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

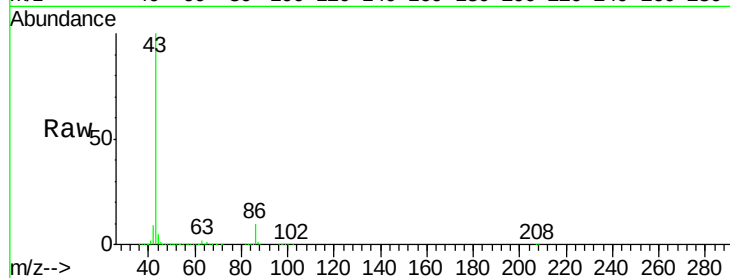
VSTDIC150

Tgt Ion: 43 Resp: 4394836

Ion Ratio Lower Upper

43 100

86 9.6 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

1500000

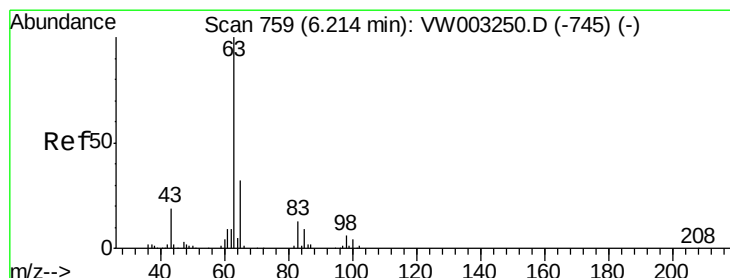
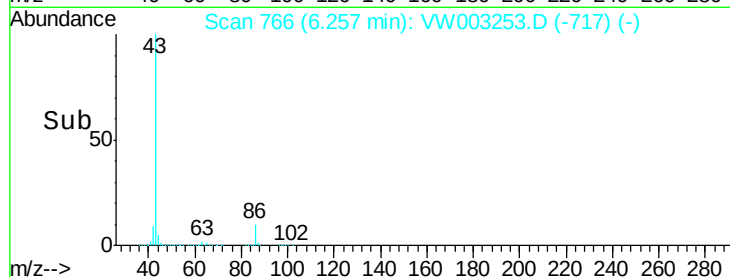
1000000

500000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 155.21 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

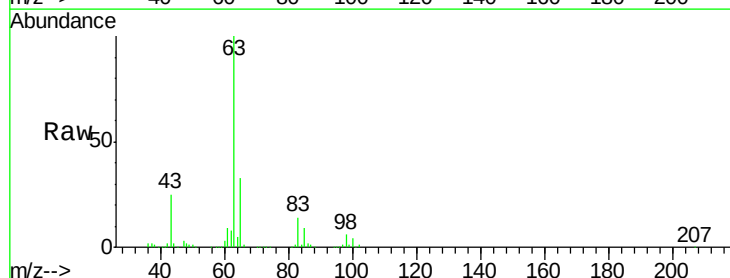
Tgt Ion: 63 Resp: 823531

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.3

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

300000

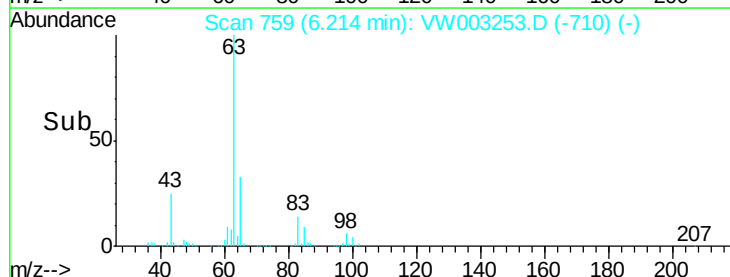
200000

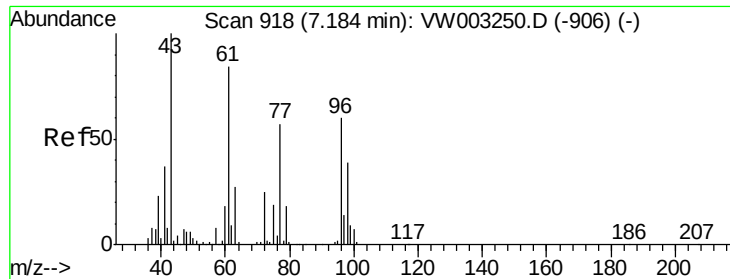
100000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 821.16 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampled :

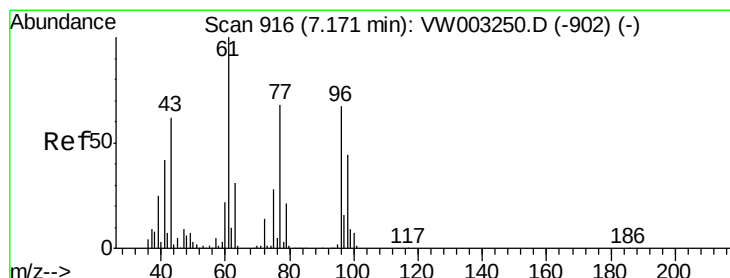
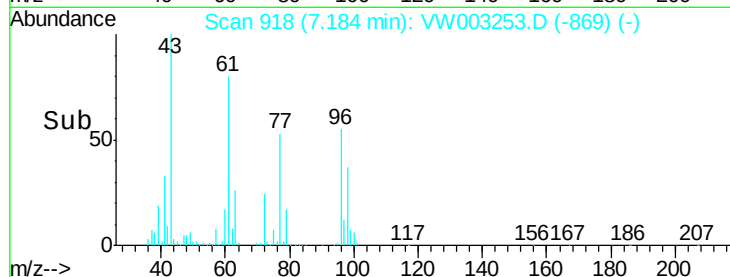
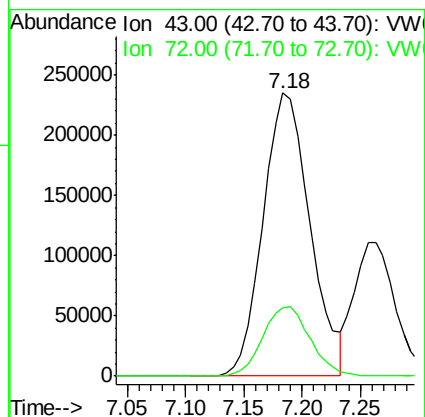
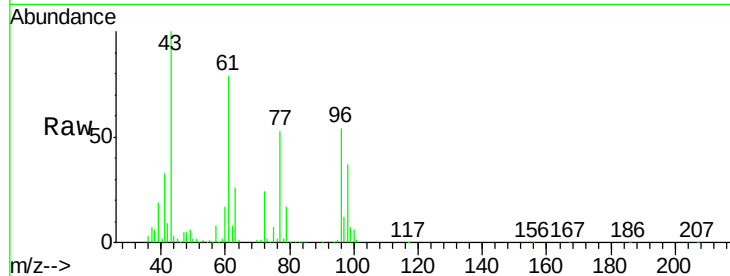
VSTDIC150

Tgt Ion: 43 Resp: 656993

Ion Ratio Lower Upper

43 100

72 24.4 20.3 30.5



#26

2,2-Dichloropropane

Concen: 155.66 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003253.D

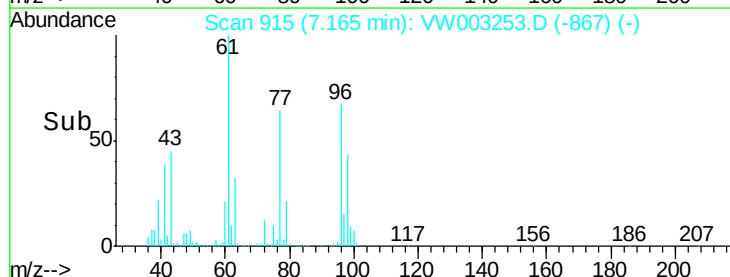
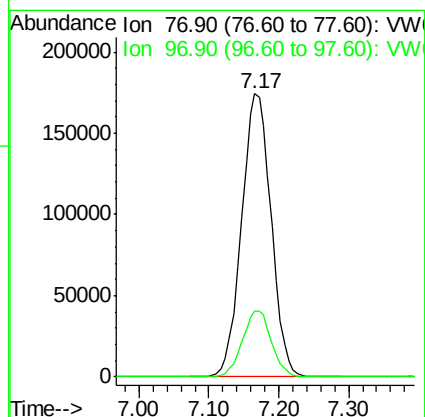
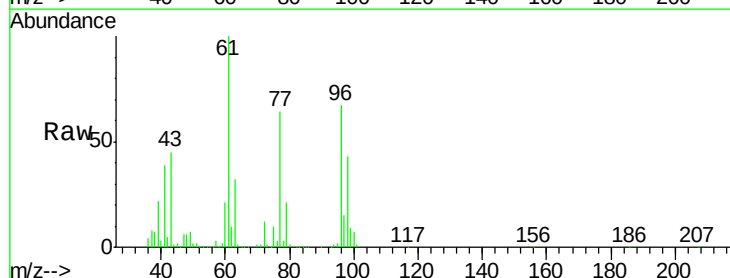
Acq: 13 Jun 2018 18:41

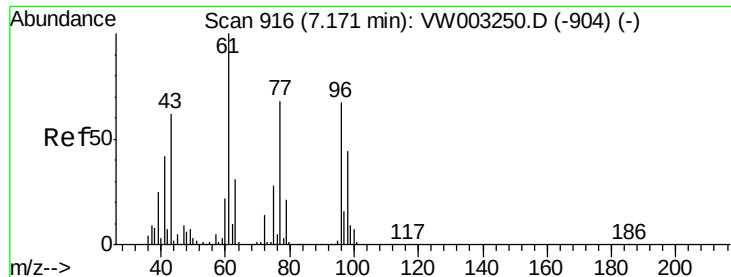
Tgt Ion: 77 Resp: 509303

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 152.37 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

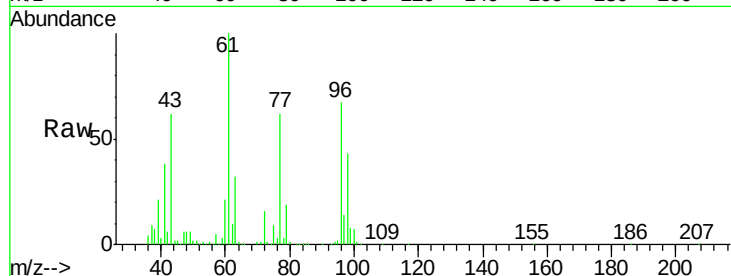
Tgt Ion: 96 Resp: 485479

Ion Ratio Lower Upper

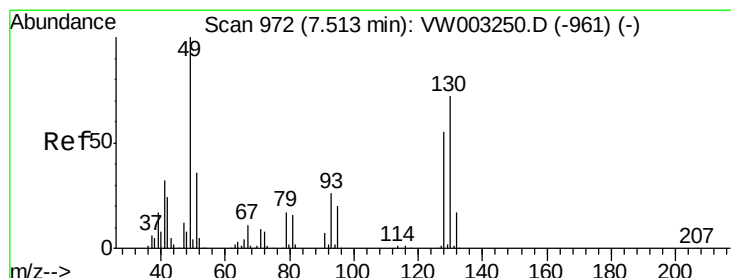
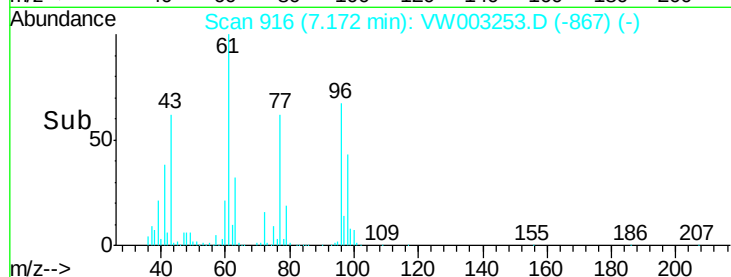
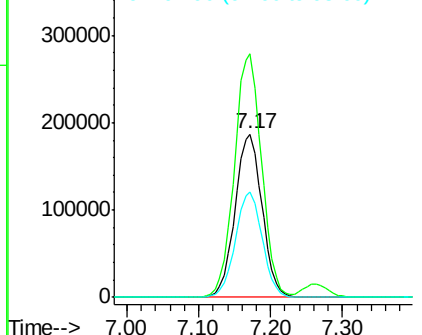
96 100

61 150.1 0.0 298.8

98 64.3 0.0 130.4



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: 179.81 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

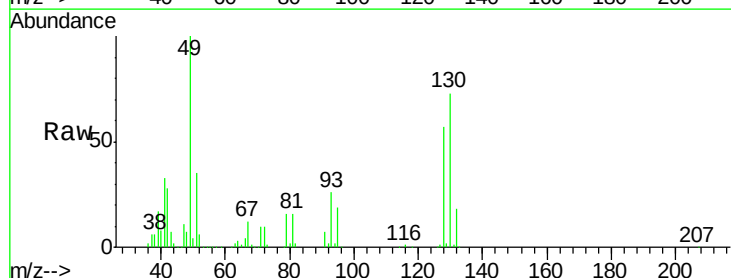
Tgt Ion: 49 Resp: 384989

Ion Ratio Lower Upper

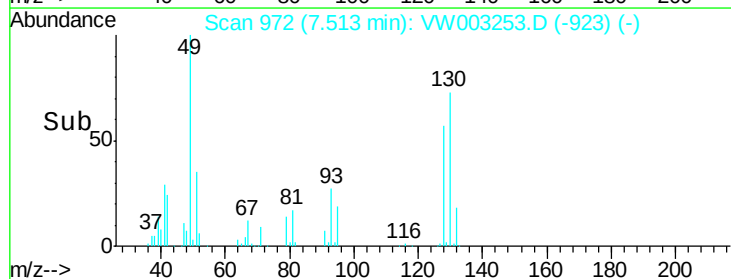
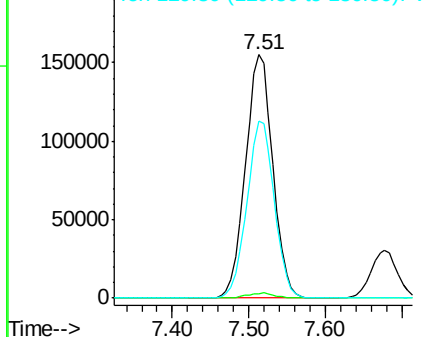
49 100

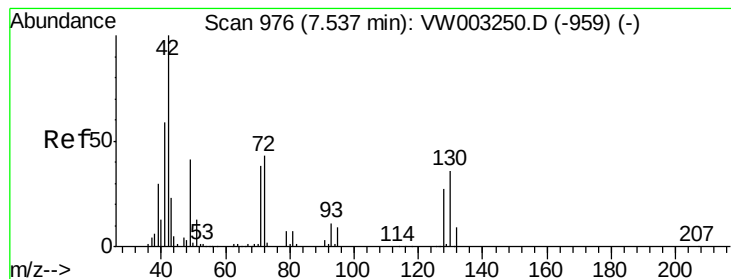
129 2.1 0.0 4.6

130 73.1 59.4 89.2



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: 792.41 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

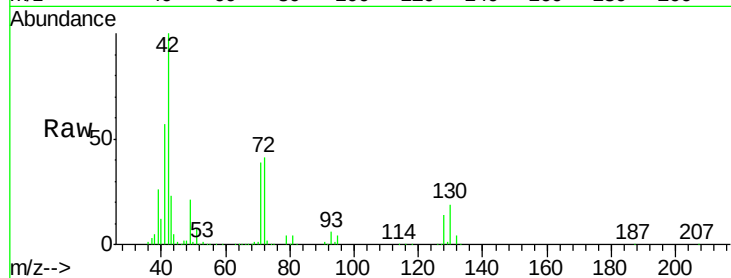
Tgt Ion: 42 Resp: 408869

Ion Ratio Lower Upper

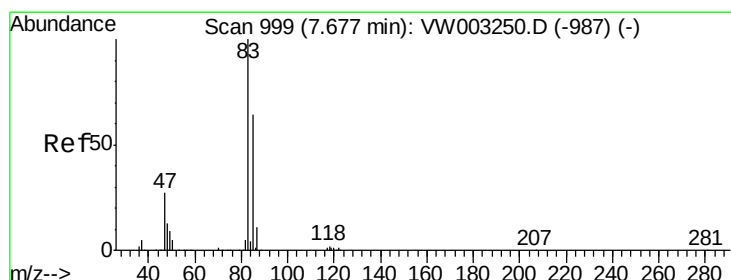
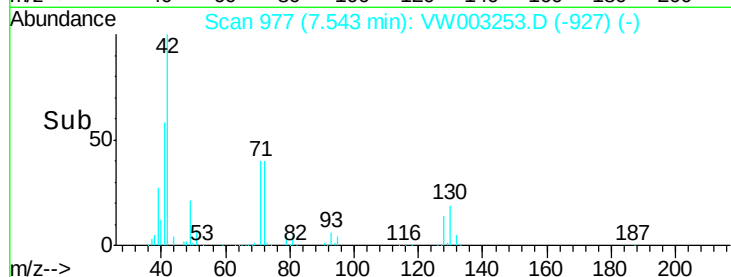
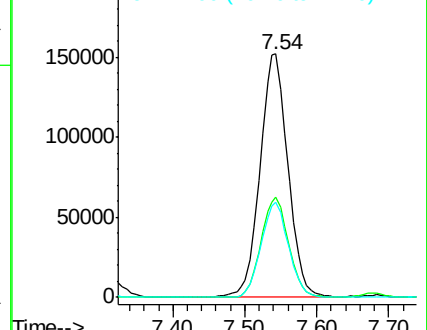
42 100

72 40.6 32.4 48.6

71 38.5 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 153.34 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003253.D

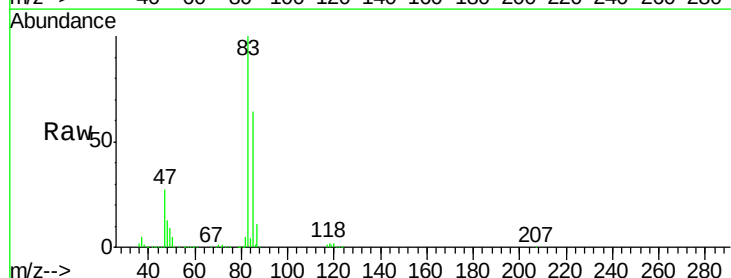
Acq: 13 Jun 2018 18:41

Tgt Ion: 83 Resp: 836294

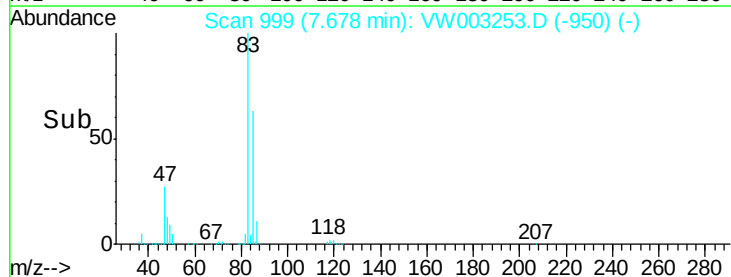
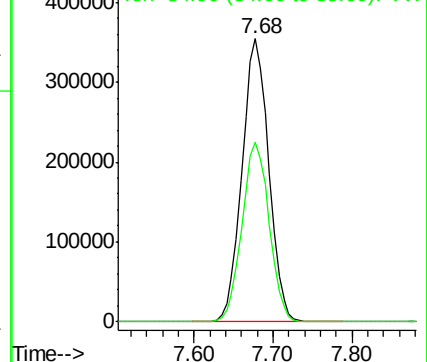
Ion Ratio Lower Upper

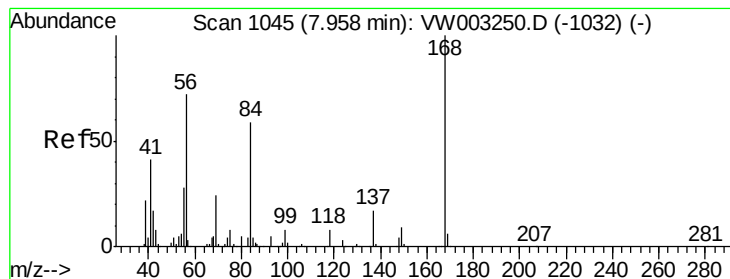
83 100

85 63.5 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 142.78 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

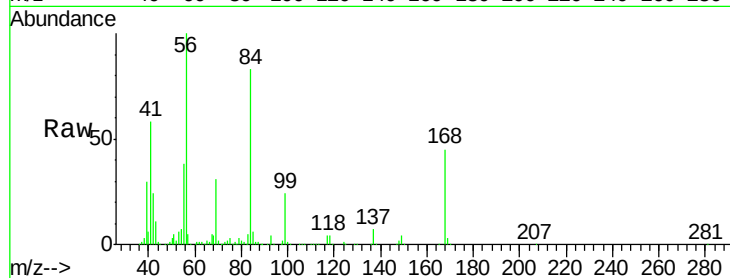
Tgt Ion: 56 Resp: 715420

Ion Ratio Lower Upper

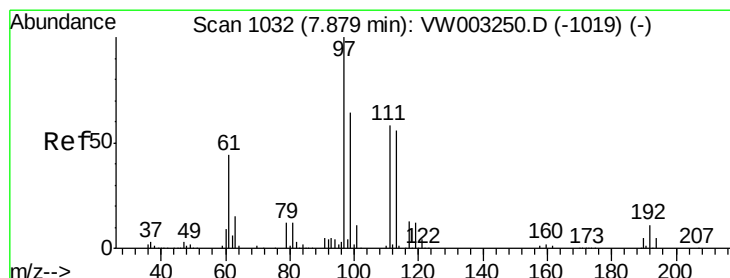
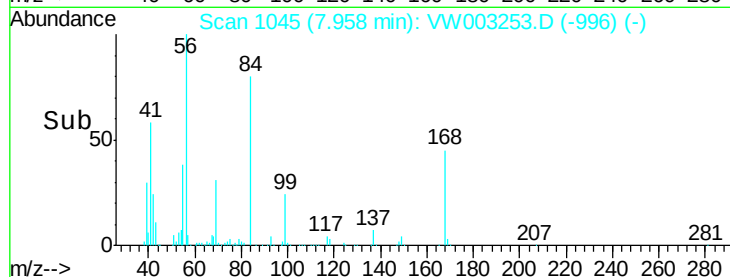
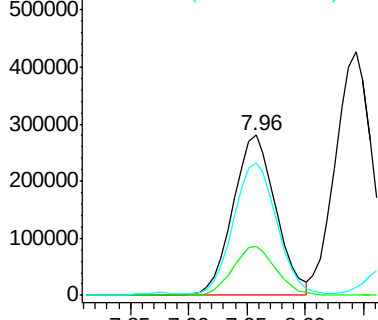
56 100

69 30.7 26.3 39.5

84 80.9 65.7 98.5



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



#32

1,1,1-Trichloroethane

Concen: 153.88 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

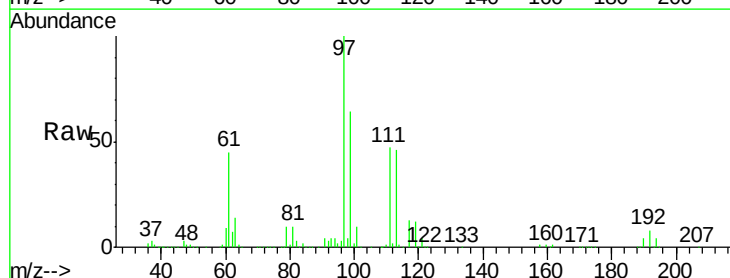
Tgt Ion: 97 Resp: 679818

Ion Ratio Lower Upper

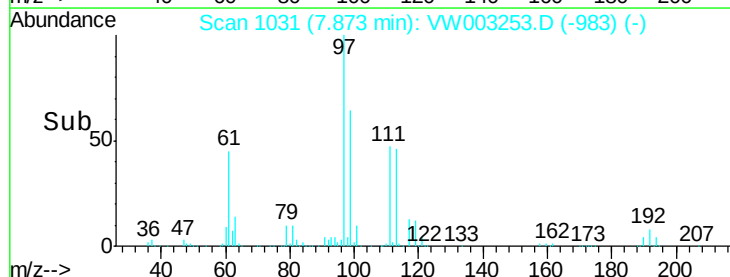
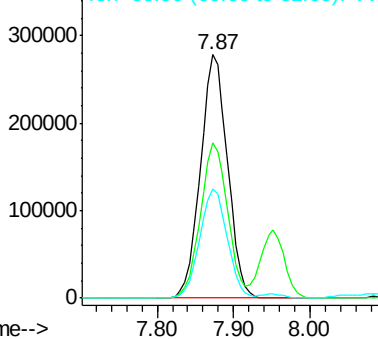
97 100

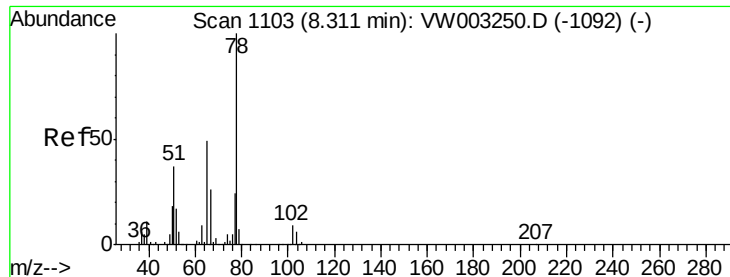
99 64.0 51.7 77.5

61 45.6 37.6 56.4



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

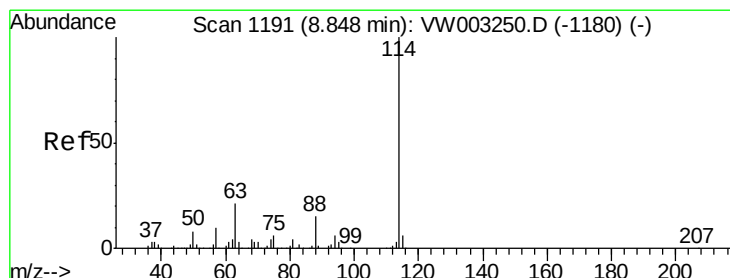
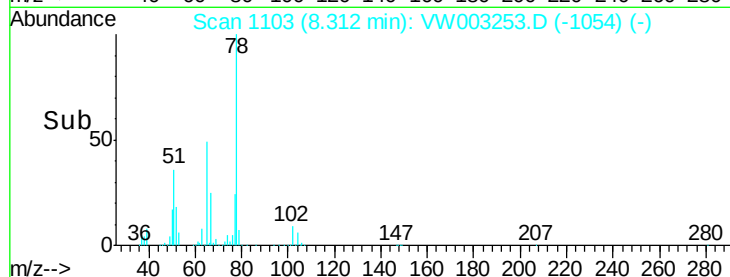
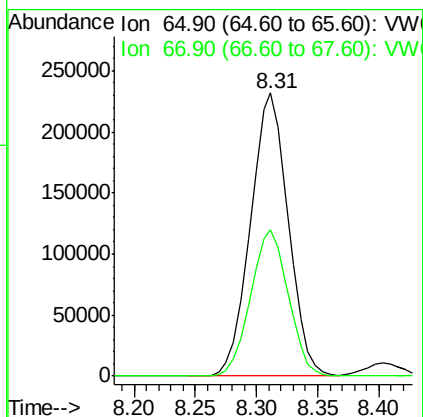
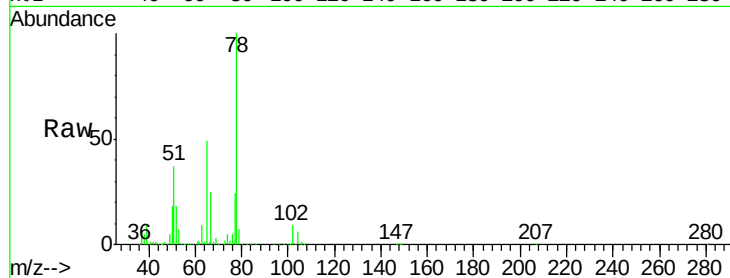




#33
 1,2-Dichloroethane-d4
 Concen: 169.91 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

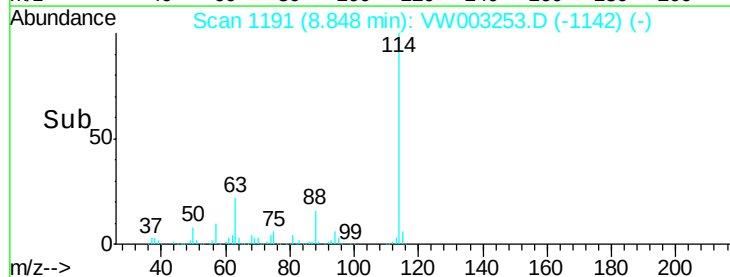
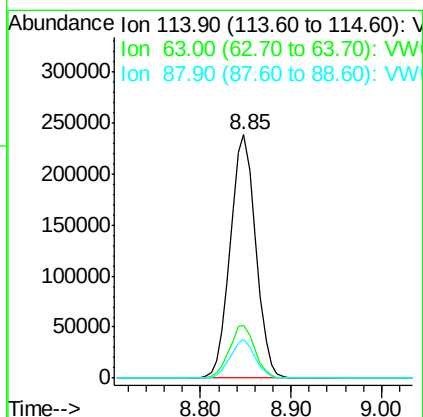
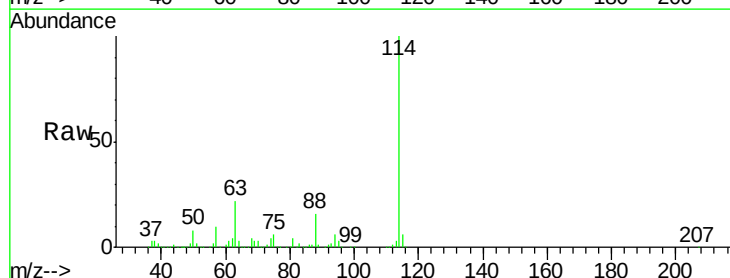
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

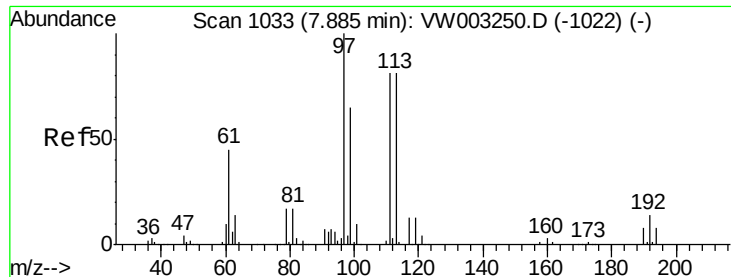
Tgt Ion: 65 Resp: 496461
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion: 114 Resp: 463178
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 15.9 0.0 29.6

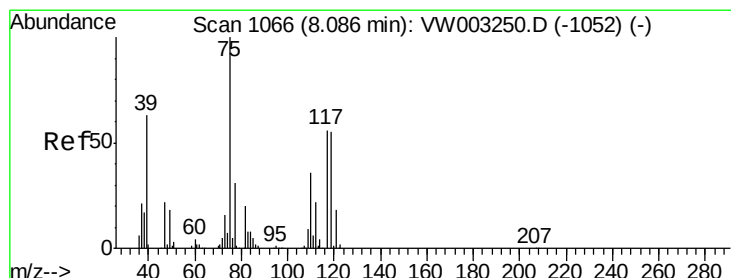
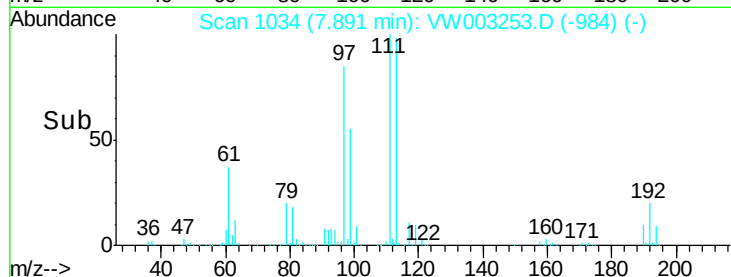
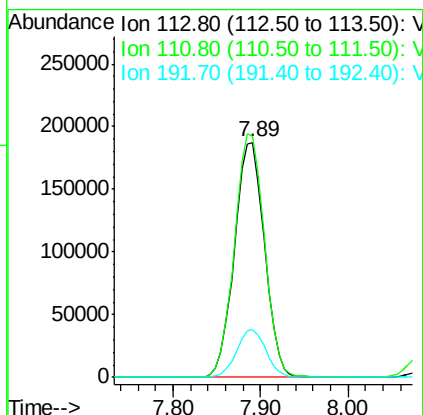
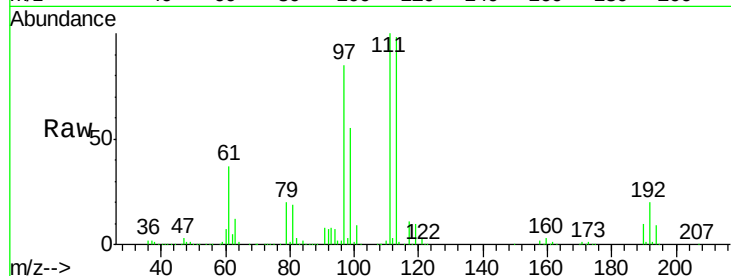




#35
 Dibromofluoromethane
 Concen: 164.04 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

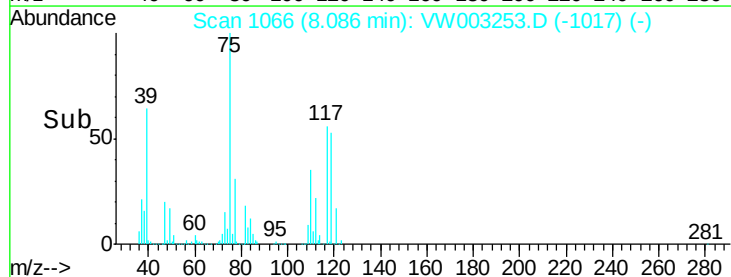
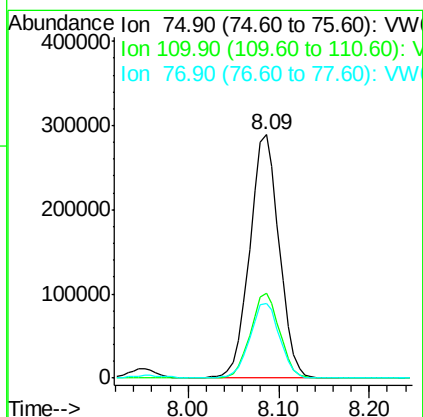
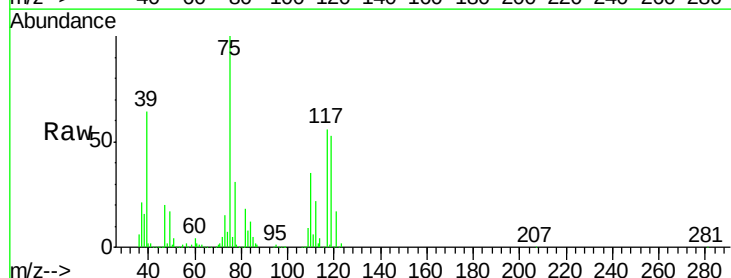
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

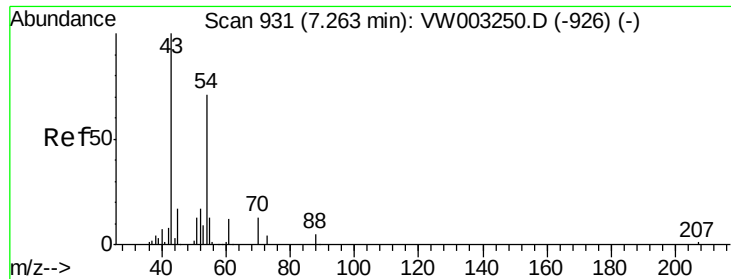
Tgt Ion: 113 Resp: 448668
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 148.66 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion: 75 Resp: 647097
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.1 51.3
 77 31.2 24.9 37.3

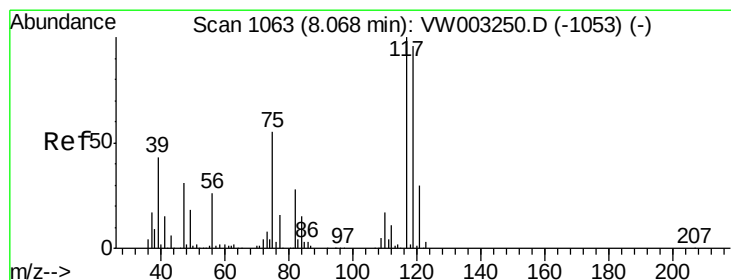
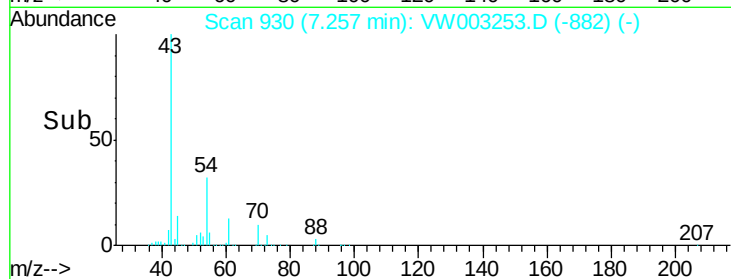
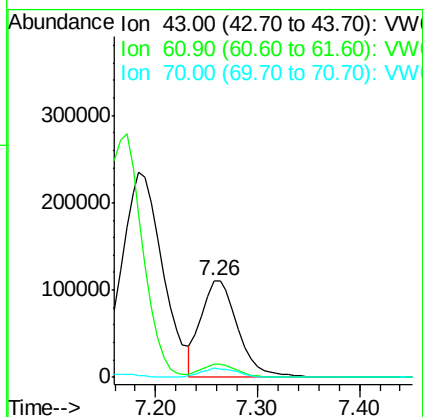
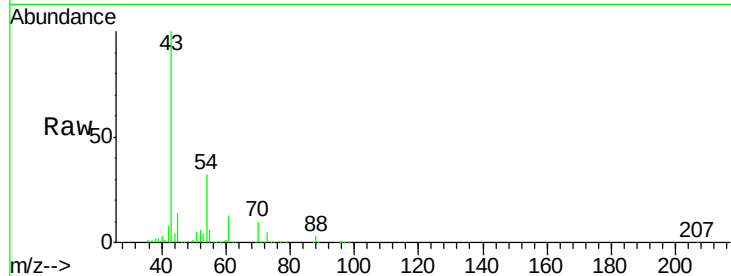




#37
 Ethyl Acetate
 Concen: 144.95 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

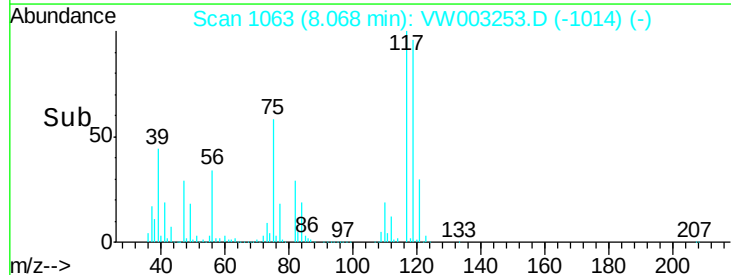
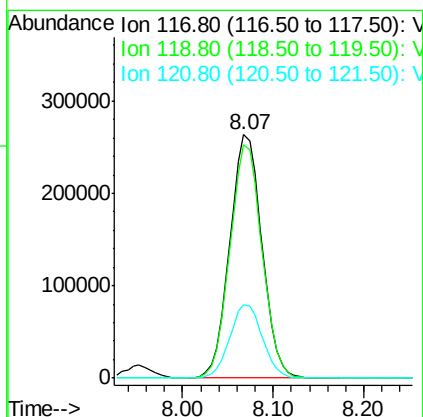
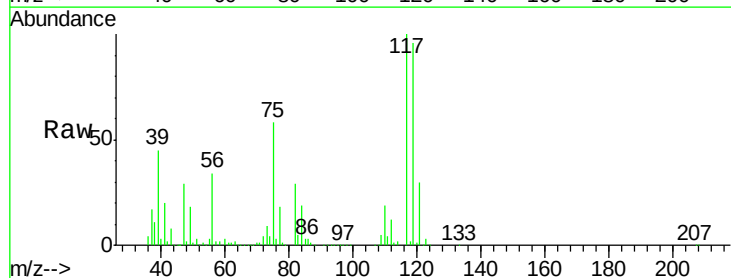
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

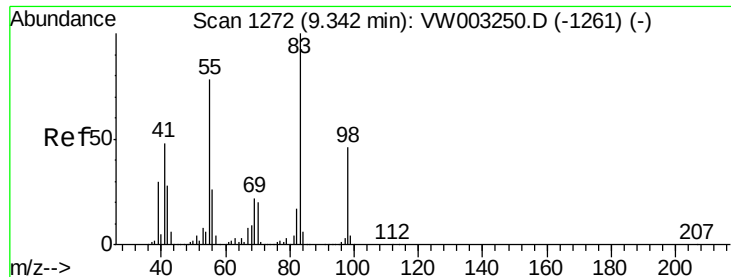
Tgt Ion: 43 Resp: 277293
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.8 16.2
 70 9.6 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 152.38 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion: 117 Resp: 647421
 Ion Ratio Lower Upper
 117 100
 119 95.8 76.6 115.0
 121 30.3 23.9 35.9

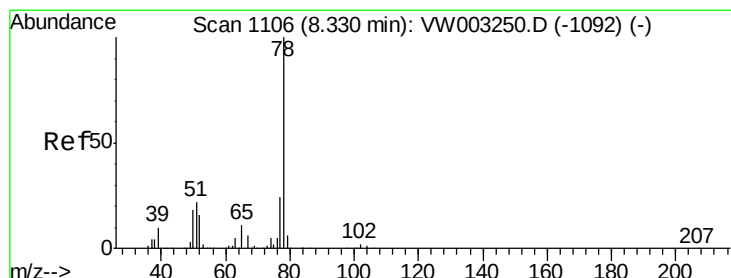
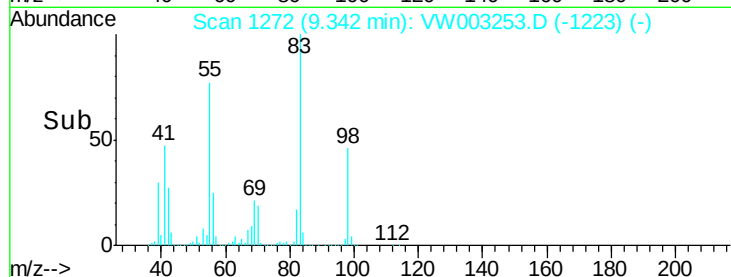
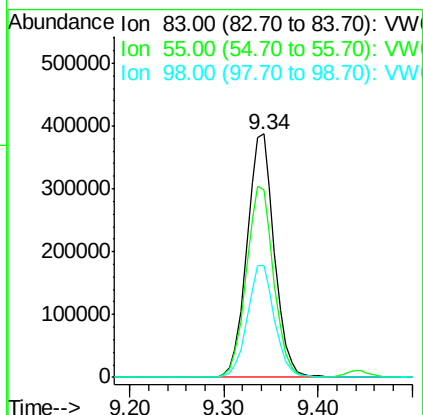
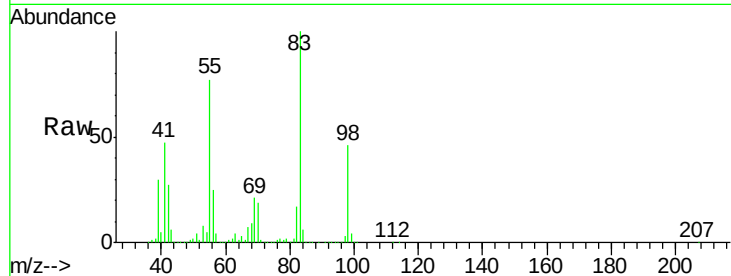




#39
Methylcyclohexane
Concen: 152.63 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

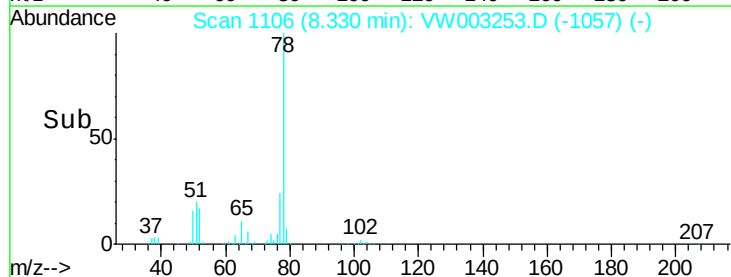
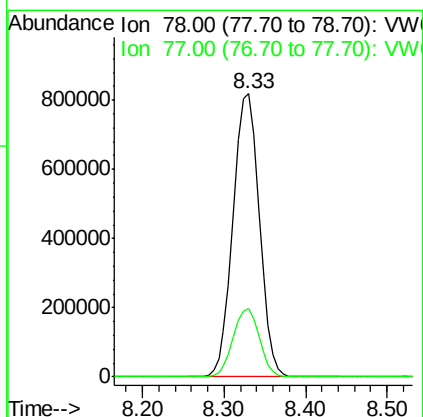
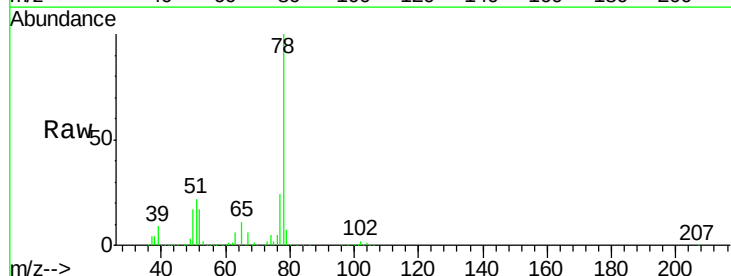
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

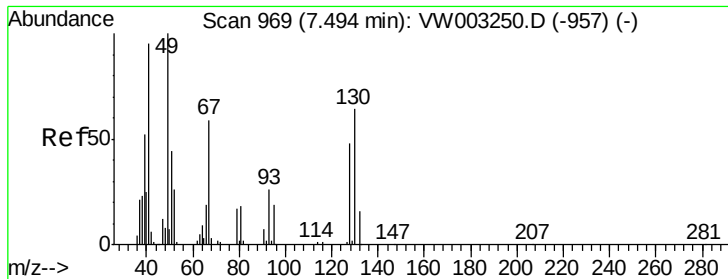
Tgt Ion: 83 Resp: 787066
Ion Ratio Lower Upper
83 100
55 76.7 62.6 93.8
98 46.0 37.0 55.4



#40
Benzene
Concen: 149.28 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 78 Resp: 1819560
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

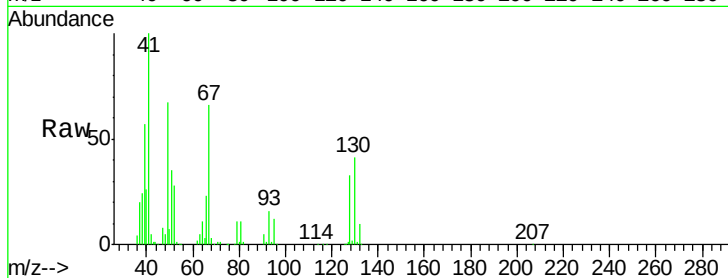




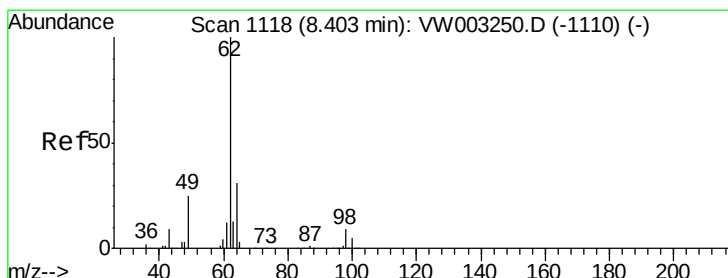
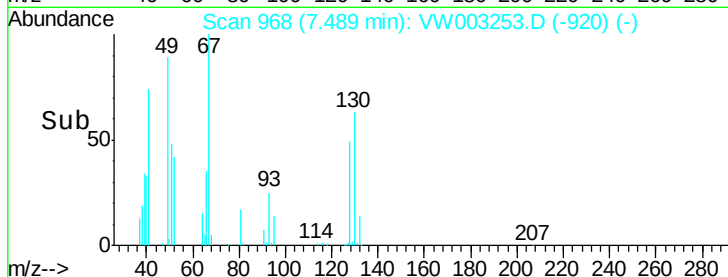
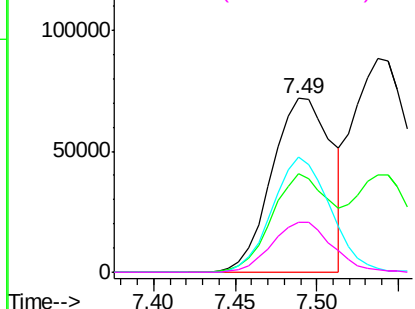
#41
Methacrylonitrile
Concen: 167.38 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	183640
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.8	68.8
67	64.0	52.3	78.5
52	28.9	24.1	36.1

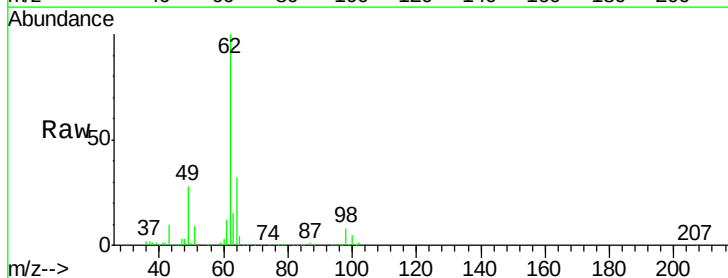


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

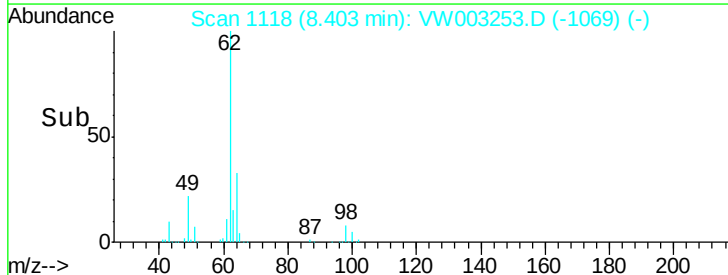
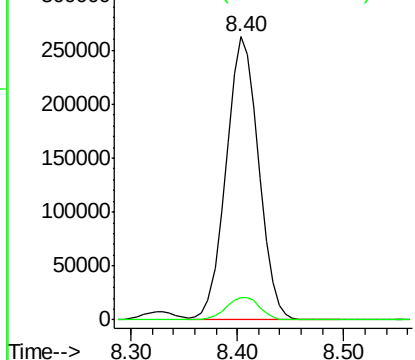


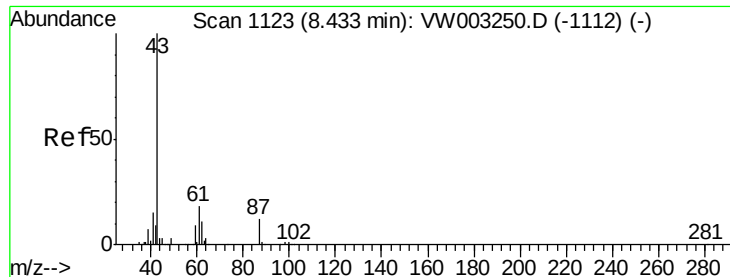
#42
1,2-Dichloroethane
Concen: 148.20 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion:	62	Resp:	561613
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 157.51 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

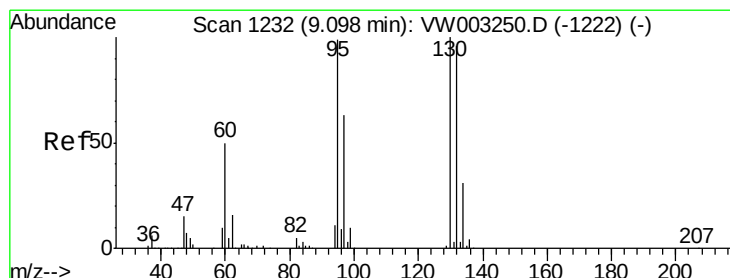
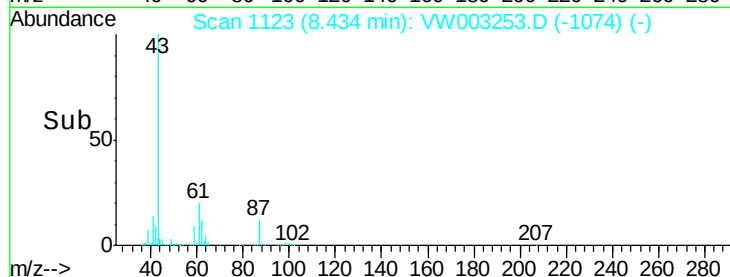
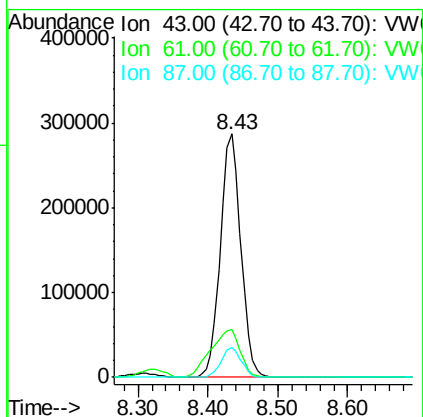
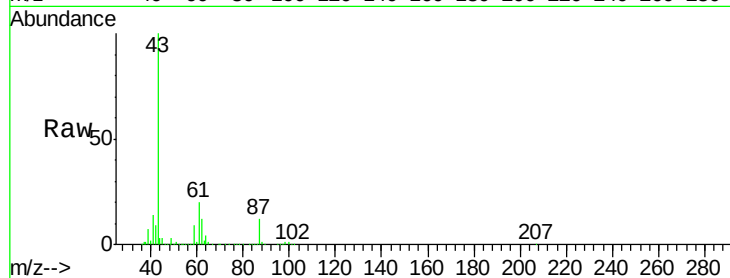
Tgt Ion: 43 Resp: 582691

Ion Ratio Lower Upper

43 100

61 28.3 23.1 34.7

87 12.1 9.8 14.6



#44

Trichloroethene

Concen: 145.48 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003253.D

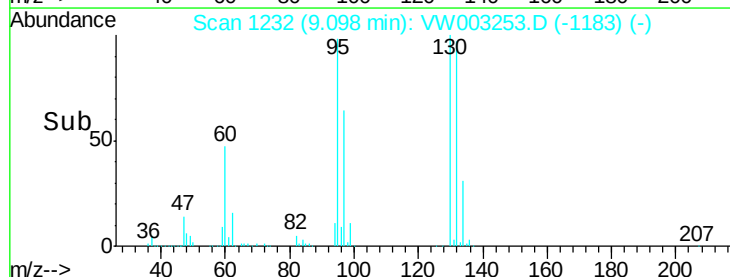
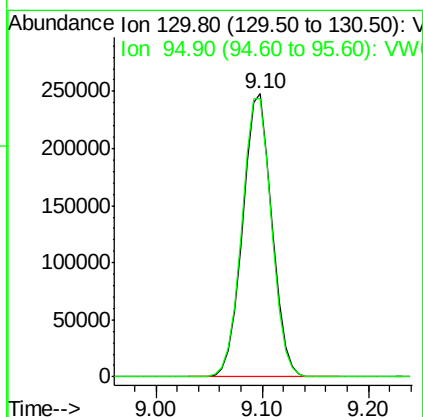
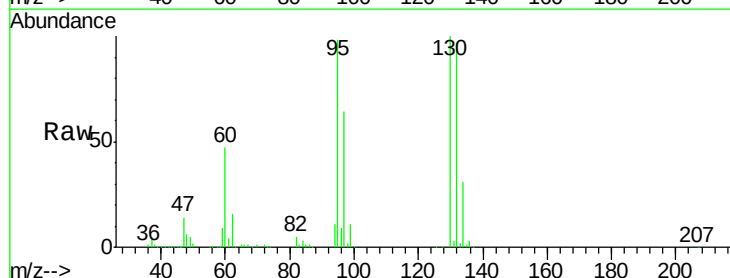
Acq: 13 Jun 2018 18:41

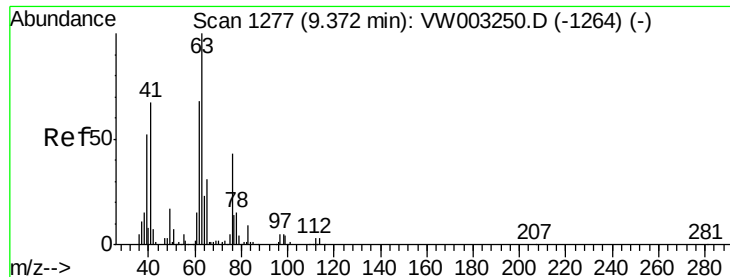
Tgt Ion: 130 Resp: 477236

Ion Ratio Lower Upper

130 100

95 98.2 0.0 198.0





#45

1,2-Dichloropropane

Concen: 152.43 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampled :

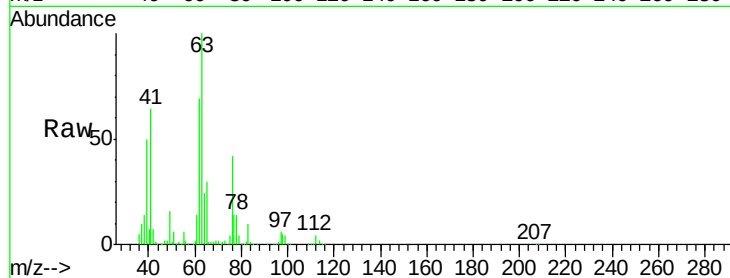
VSTDIC150

Tgt Ion: 63 Resp: 466500

Ion Ratio Lower Upper

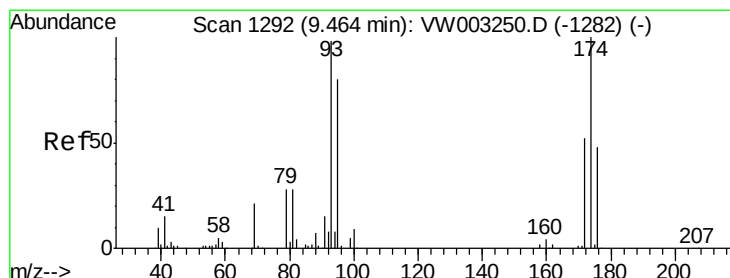
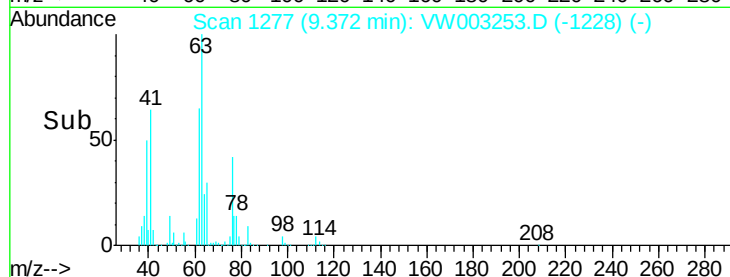
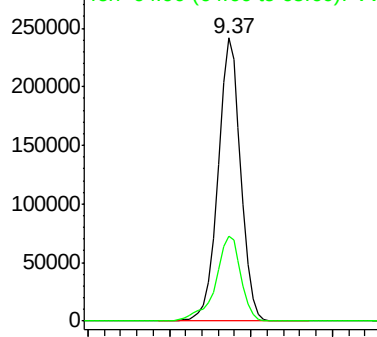
63 100

65 30.0 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 146.45 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

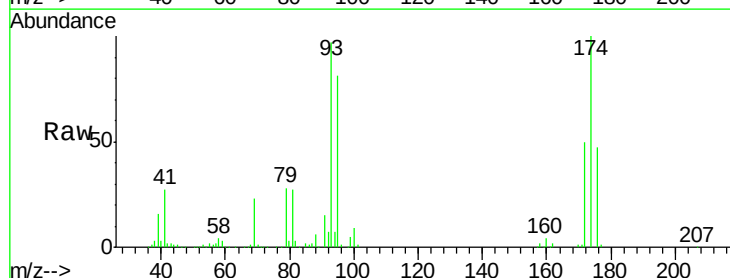
Tgt Ion: 93 Resp: 239550

Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

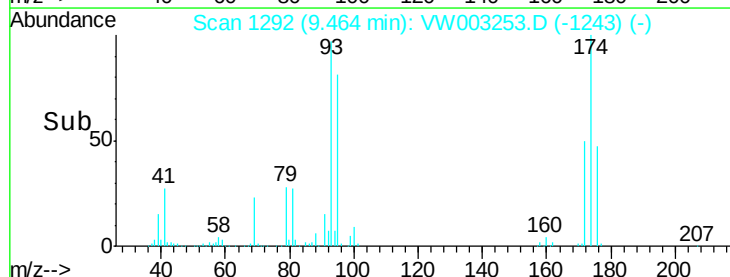
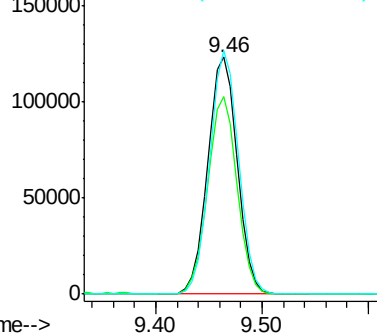
174 100.9 81.4 122.0

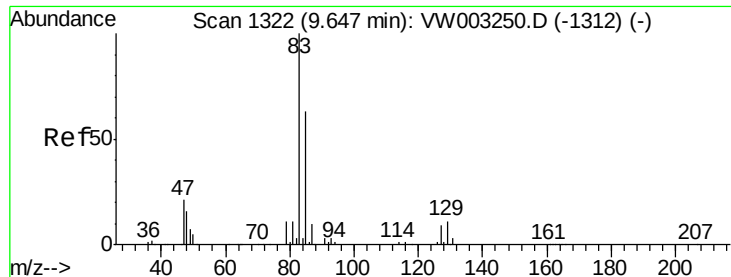


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 157.74 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

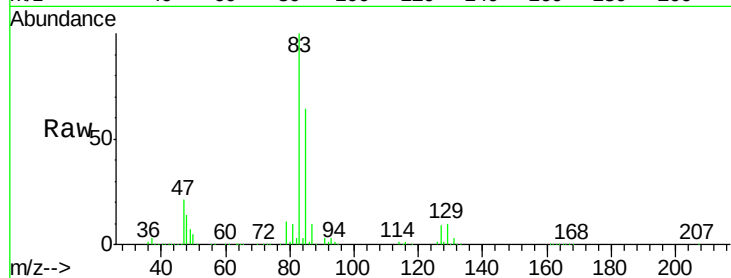
Tgt Ion: 83 Resp: 630061

Ion Ratio Lower Upper

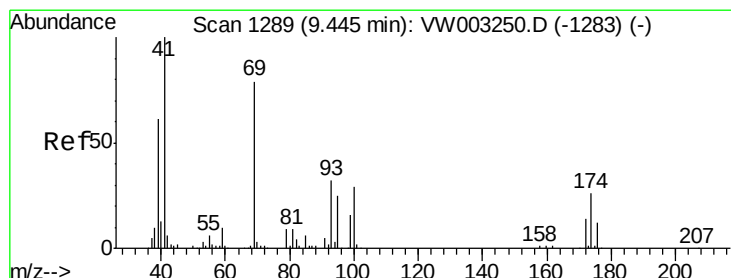
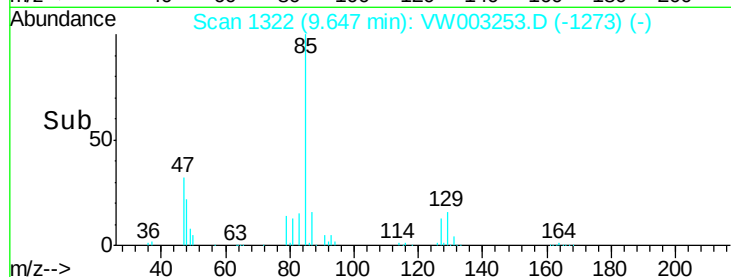
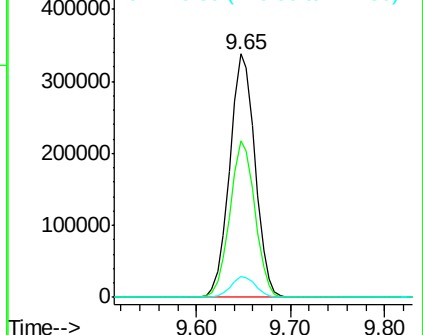
83 100

85 64.3 50.6 75.8

127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 162.27 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

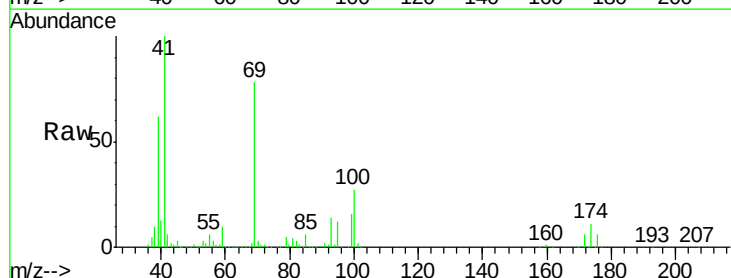
Tgt Ion: 41 Resp: 285322

Ion Ratio Lower Upper

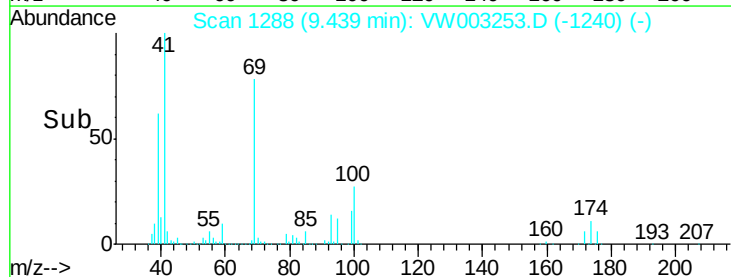
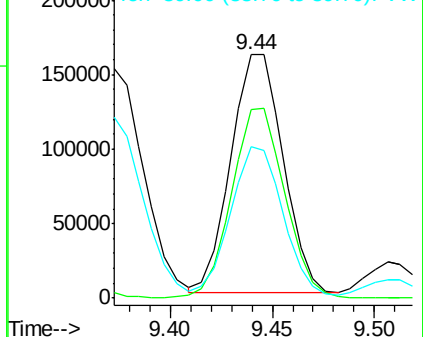
41 100

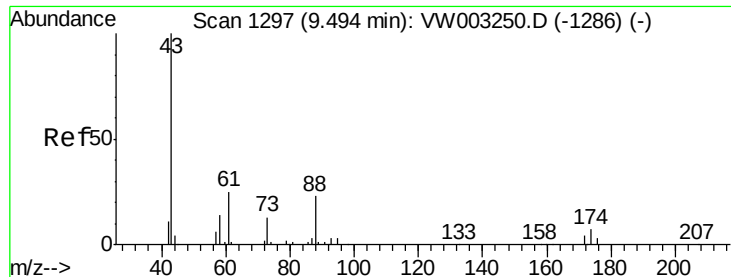
69 81.4 65.4 98.2

39 64.4 54.2 81.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2815.45 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

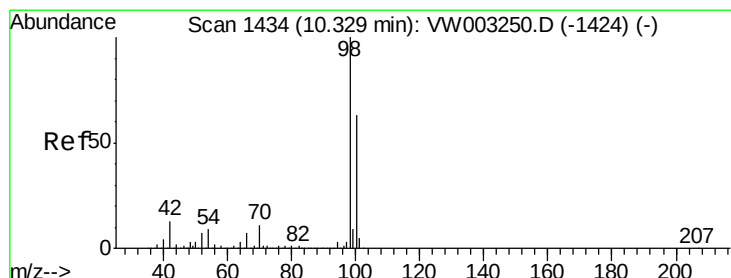
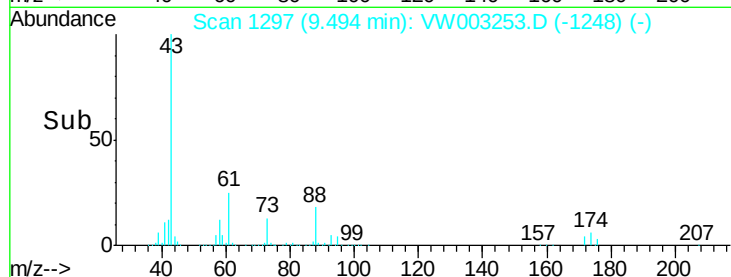
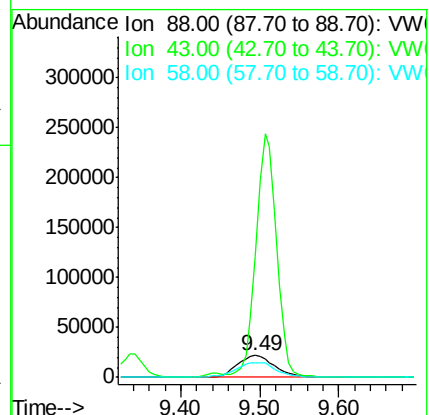
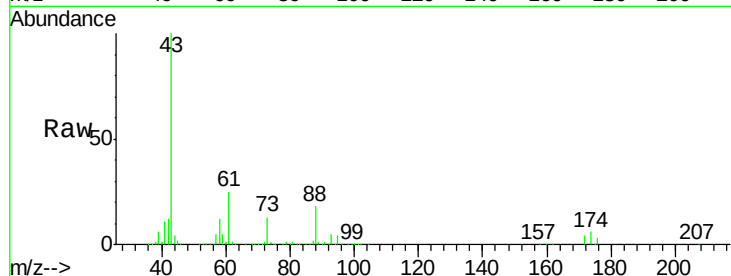
Tgt Ion: 88 Resp: 71371

Ion Ratio Lower Upper

88 100

43 624.7 454.7 682.1

58 74.1 58.6 88.0



#50

Toluene-d8

Concen: 170.85 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003253.D

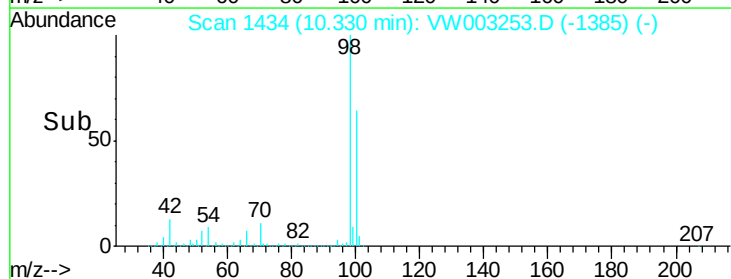
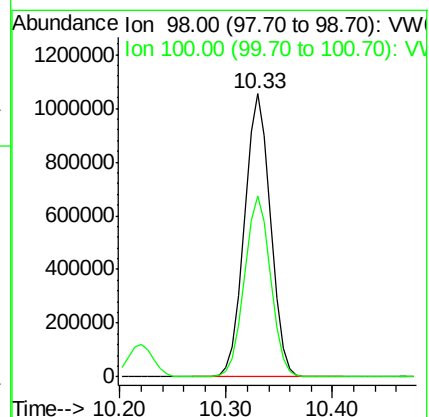
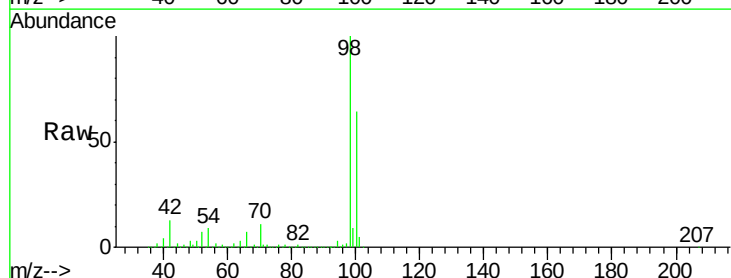
Acq: 13 Jun 2018 18:41

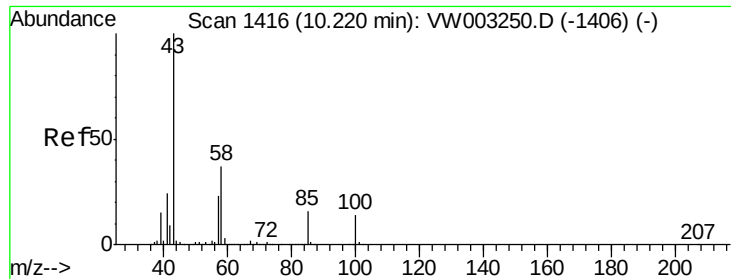
Tgt Ion: 98 Resp: 1814722

Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2

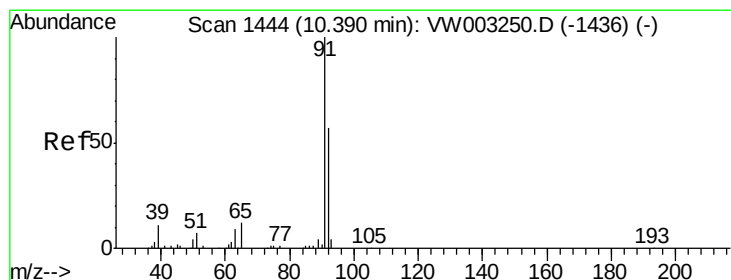
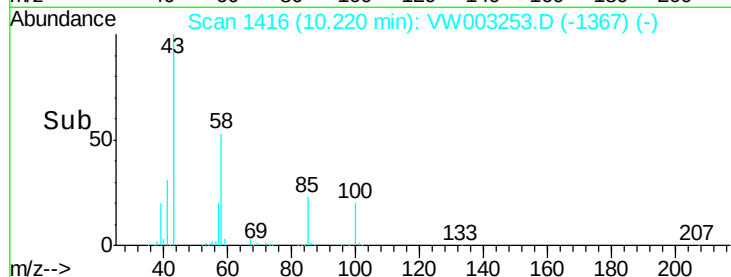
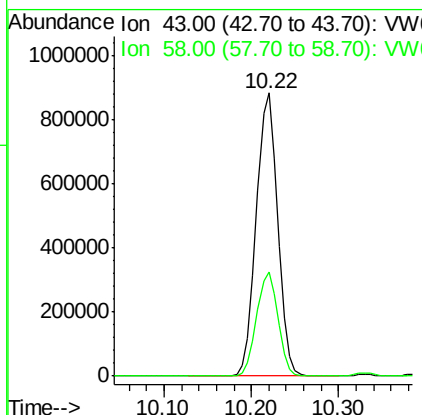
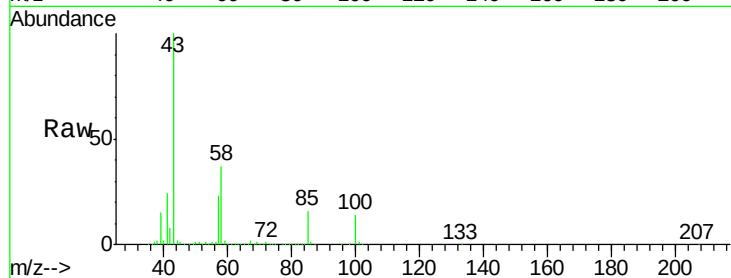




#51
 4-Methyl-2-Pentanone
 Concen: 799.80 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

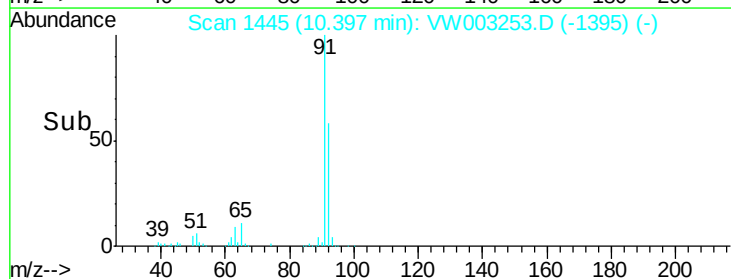
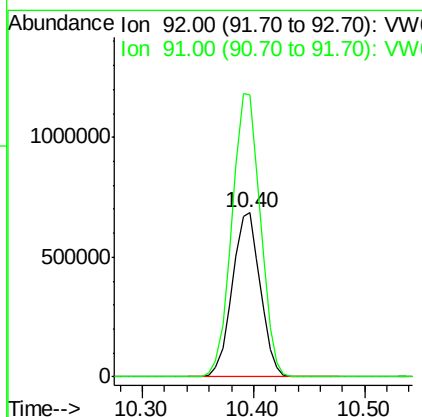
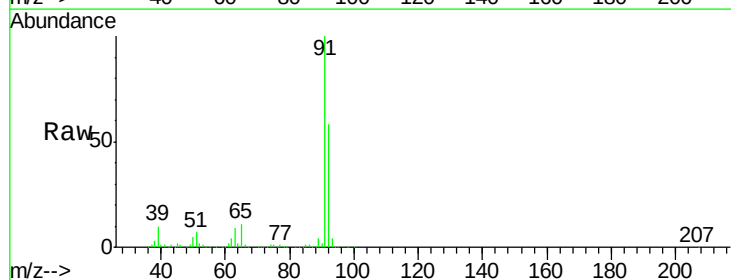
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

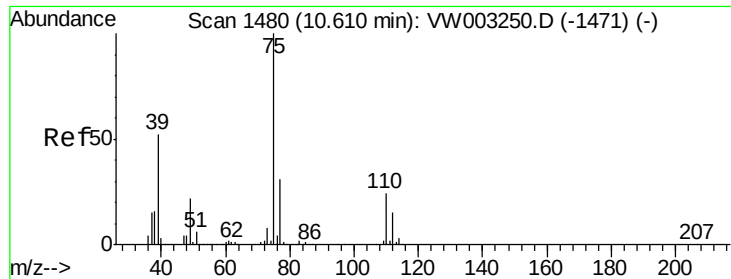
Tgt Ion: 43 Resp: 1503733
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.0 43.4



#52
 Toluene
 Concen: 152.57 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion: 92 Resp: 1193204
 Ion Ratio Lower Upper
 92 100
 91 174.9 141.1 211.7

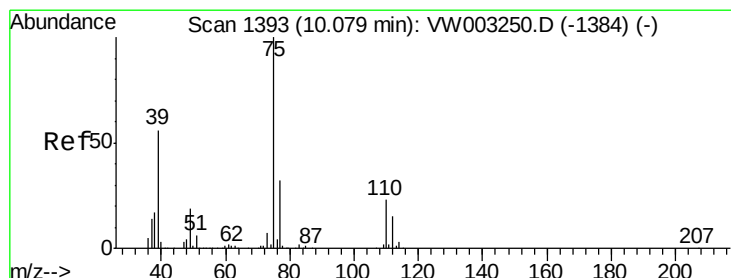
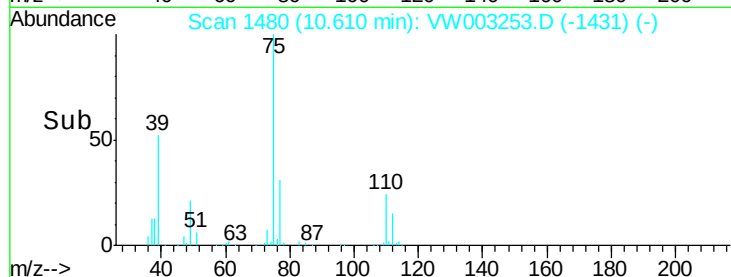
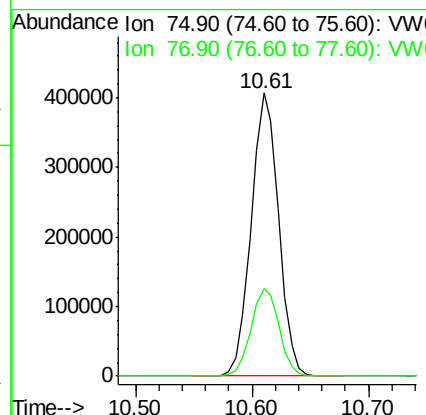
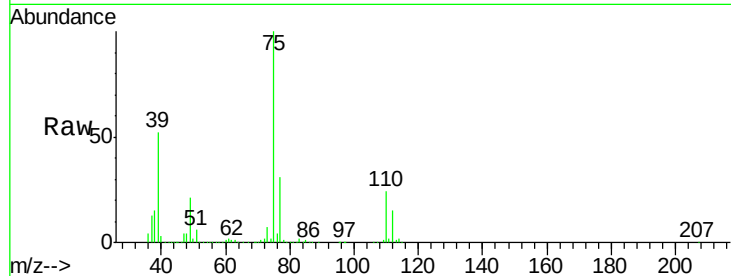




#53
t-1,3-Dichloropropene
Concen: 162.40 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

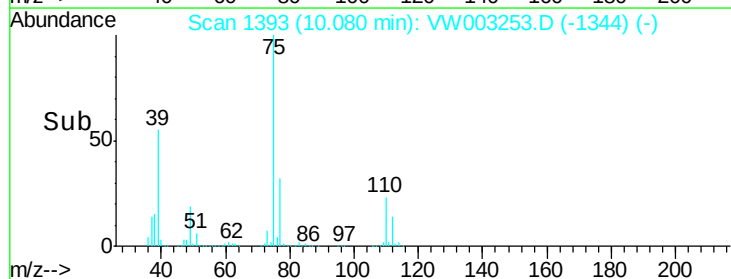
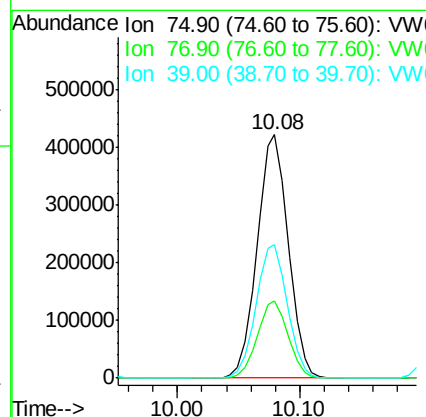
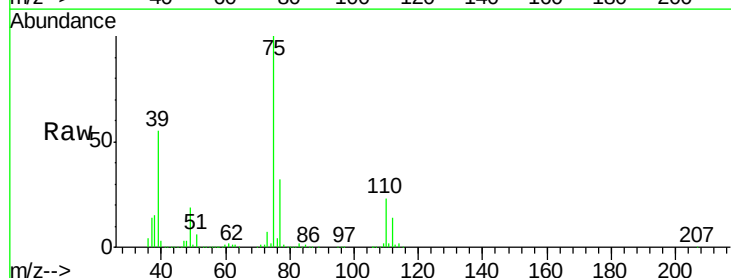
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

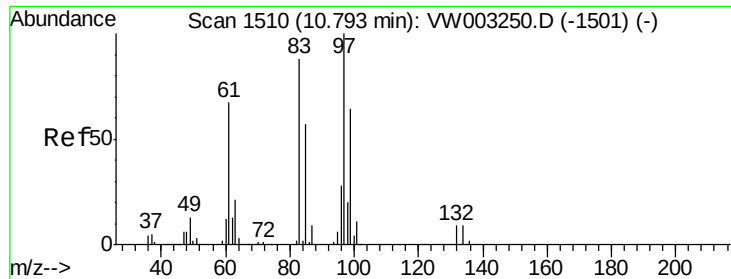
Tgt Ion: 75 Resp: 668011
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 159.92 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 75 Resp: 748251
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 54.8 45.2 67.8

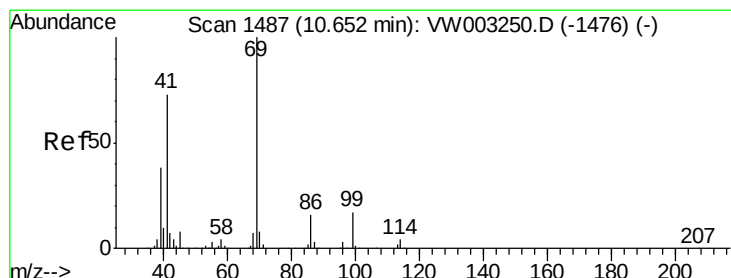
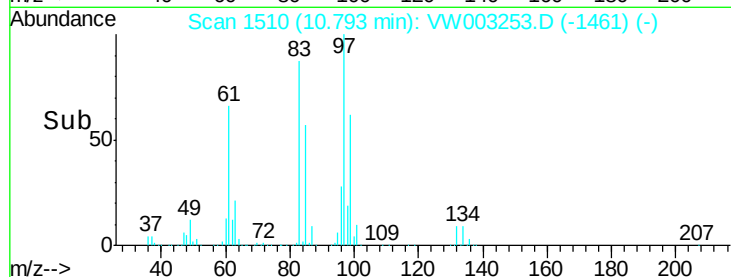
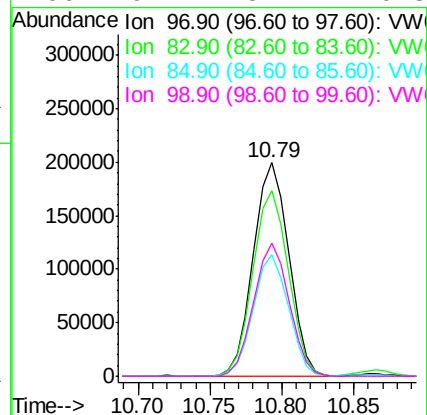
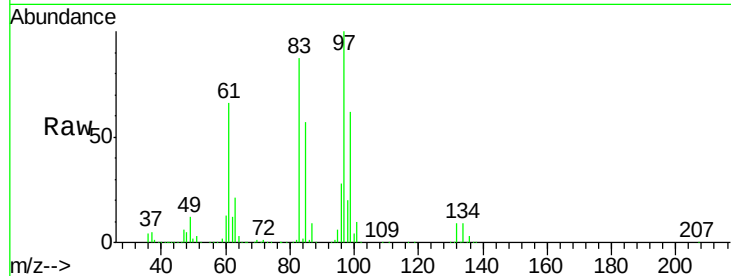




#55
 1,1,2-Trichloroethane
 Concen: 150.90 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

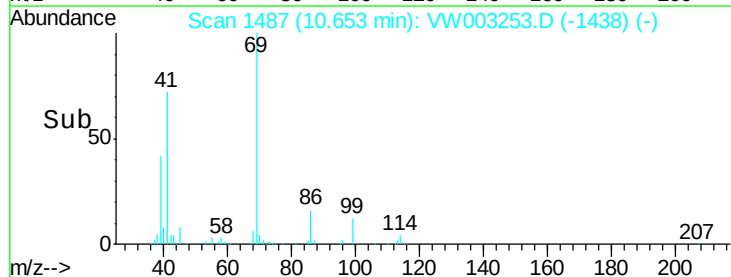
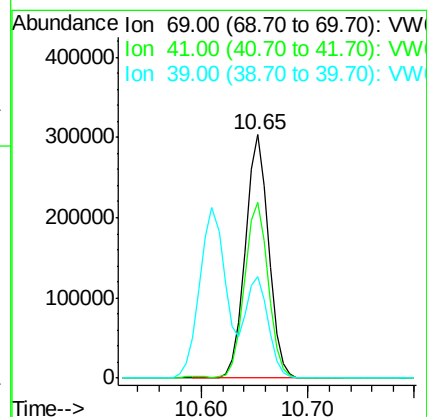
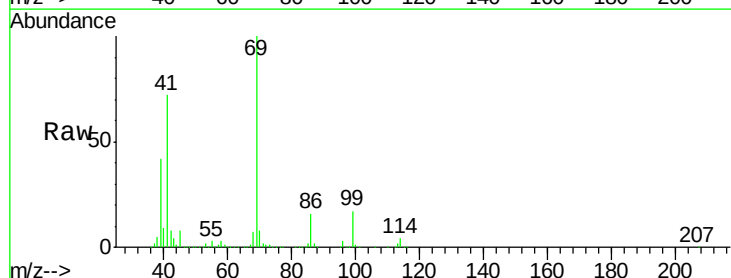
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

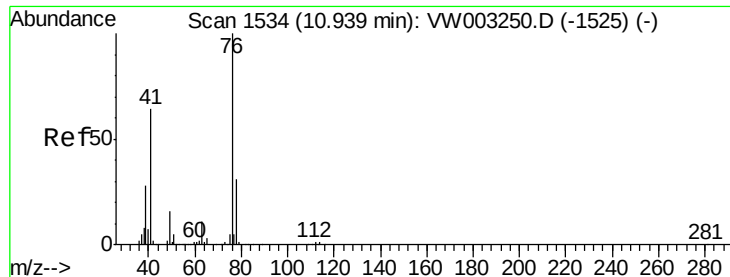
Tgt Ion: 97 Resp: 341074
 Ion Ratio Lower Upper
 97 100
 83 87.1 70.2 105.2
 85 57.2 45.6 68.4
 99 62.2 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 166.98 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion: 69 Resp: 467773
 Ion Ratio Lower Upper
 69 100
 41 73.2 57.8 86.6
 39 39.2 32.7 49.1





#57

1,3-Dichloropropane

Concen: 152.05 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

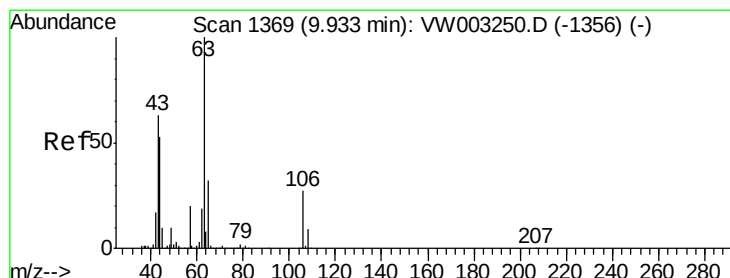
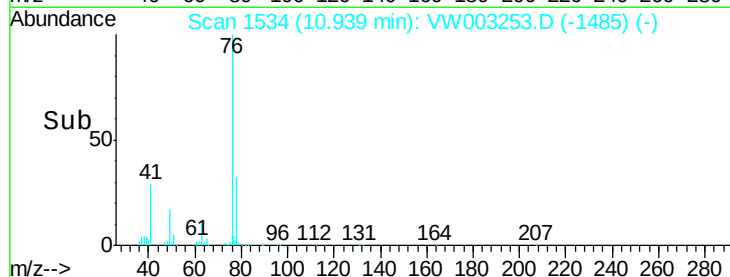
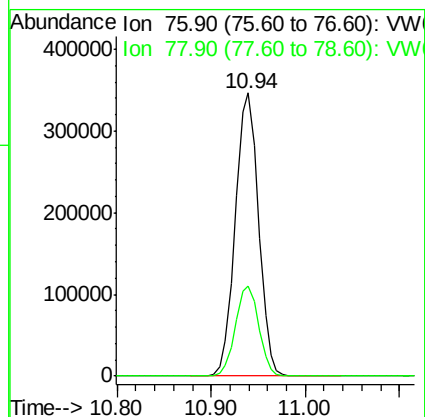
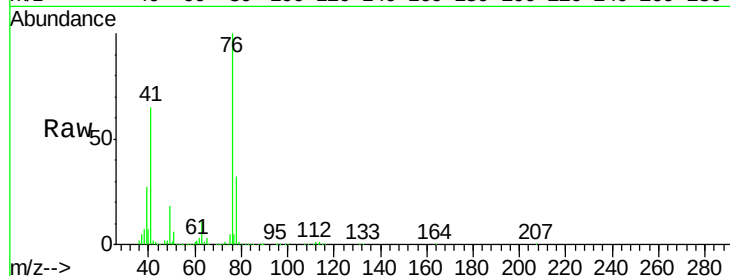
VSTDIC150

Tgt Ion: 76 Resp: 593635

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 753.57 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW003253.D

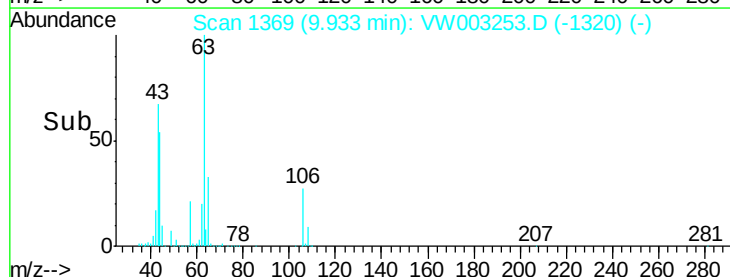
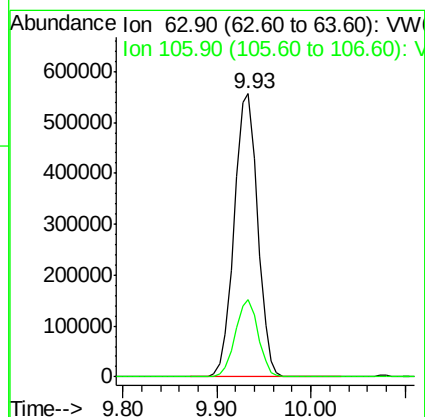
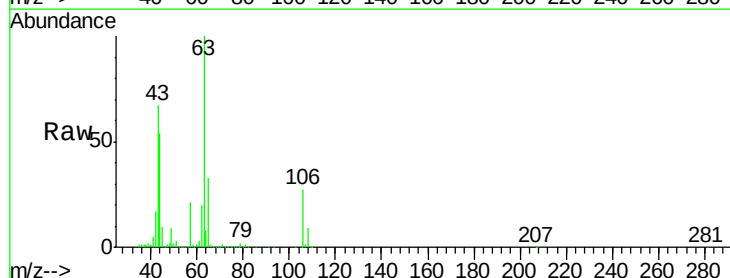
Acq: 13 Jun 2018 18:41

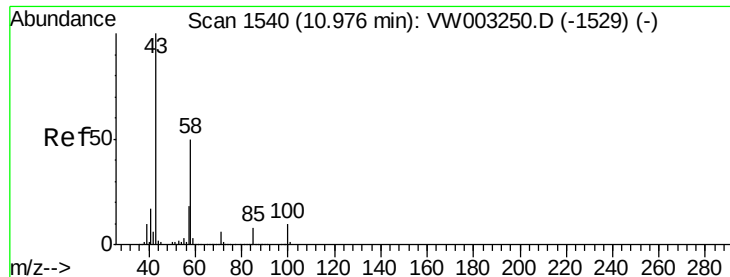
Tgt Ion: 63 Resp: 962887

Ion Ratio Lower Upper

63 100

106 26.6 21.8 32.8

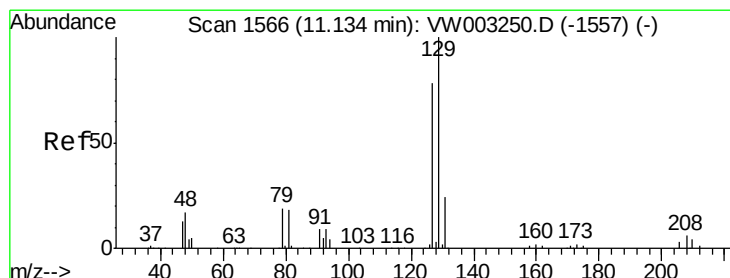
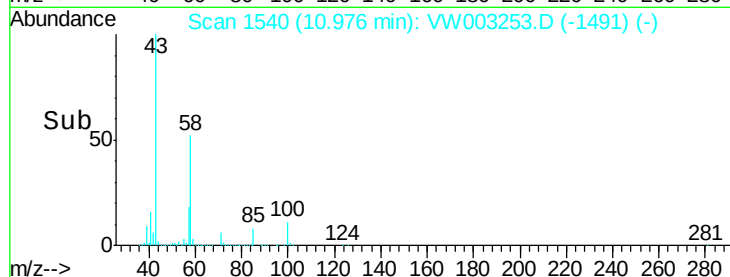
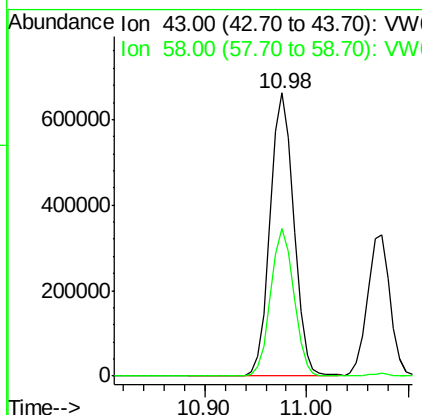
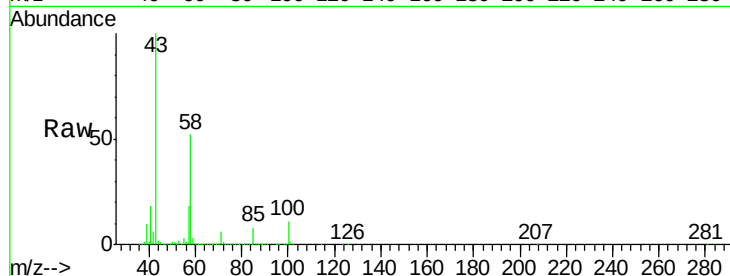




#59
2-Hexanone
Concen: 830.19 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

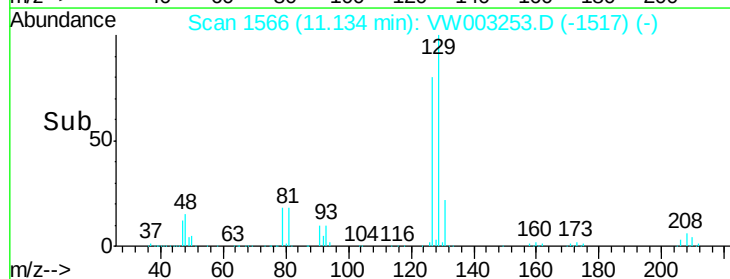
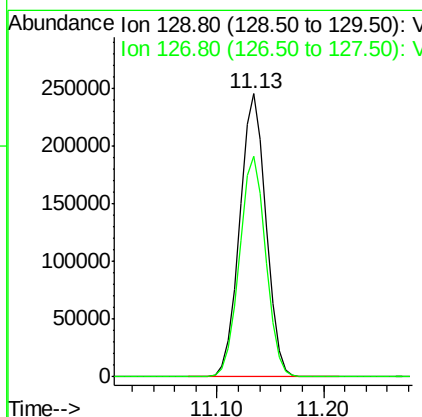
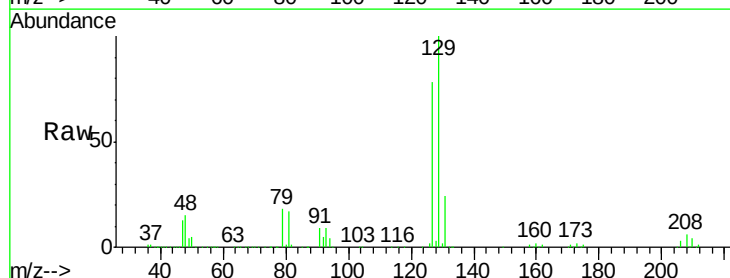
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

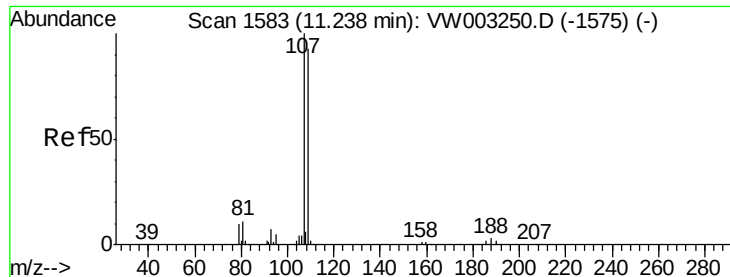
Tgt Ion: 43 Resp: 1062204
Ion Ratio Lower Upper
43 100
58 50.9 25.0 75.0



#60
Dibromochloromethane
Concen: 156.20 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 129 Resp: 424552
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 149.24 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

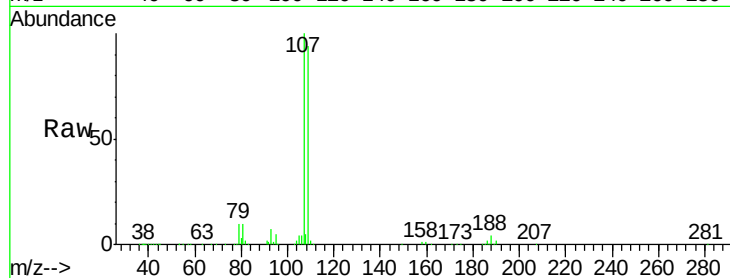
VSTDIC150

Tgt Ion: 107 Resp: 325031

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

200000

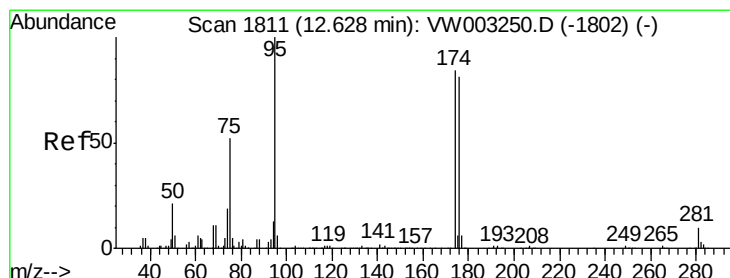
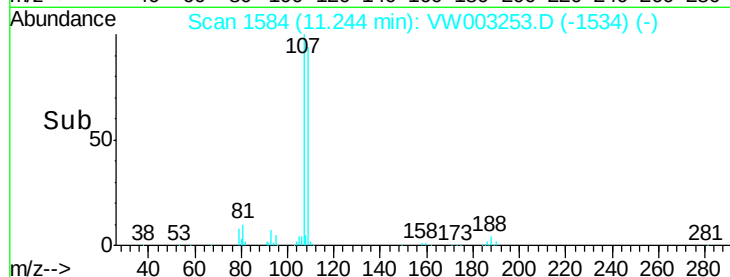
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 168.68 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

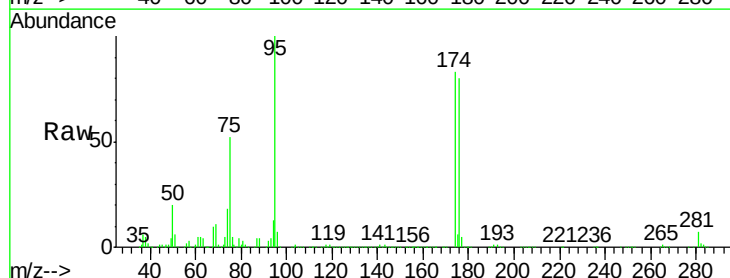
Tgt Ion: 95 Resp: 650254

Ion Ratio Lower Upper

95 100

174 81.1 0.0 166.4

176 79.0 0.0 162.0



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

500000

400000

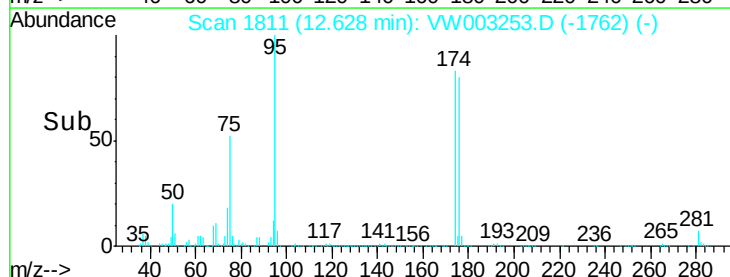
300000

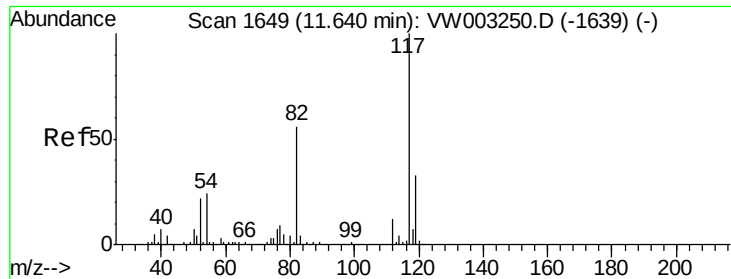
200000

100000

0

Time-->

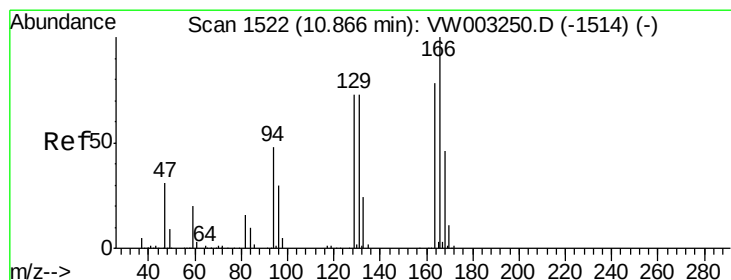
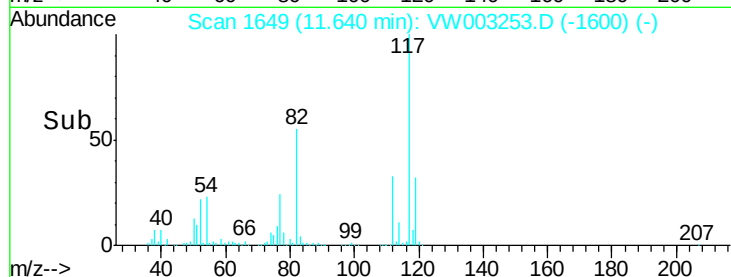
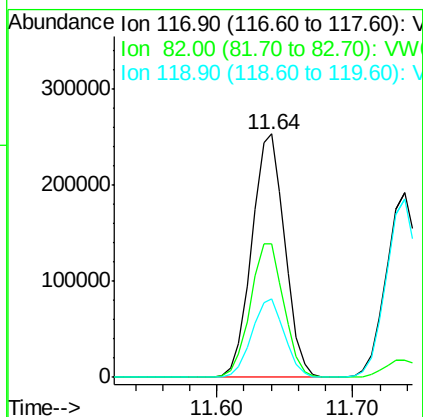
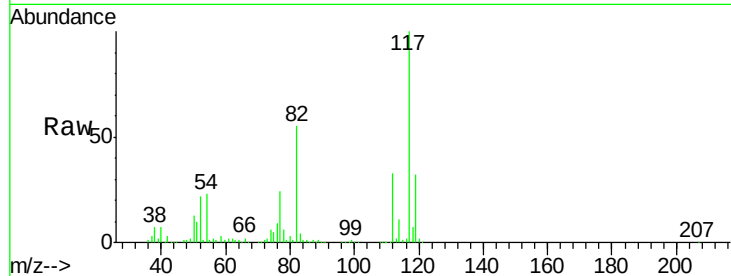




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

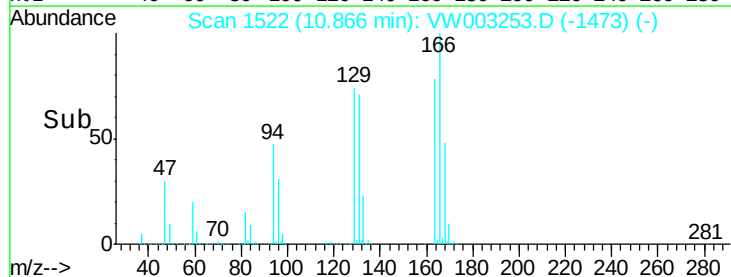
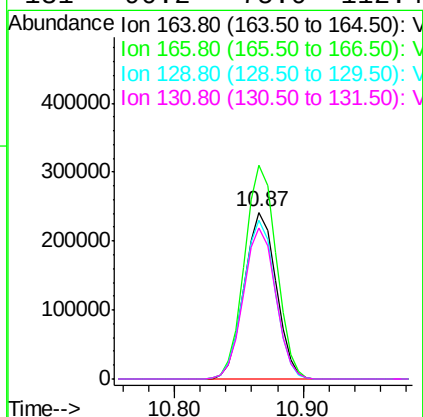
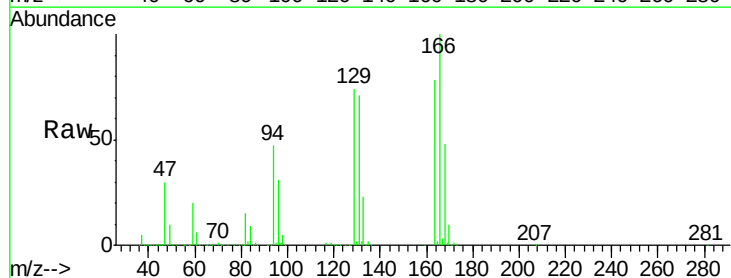
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

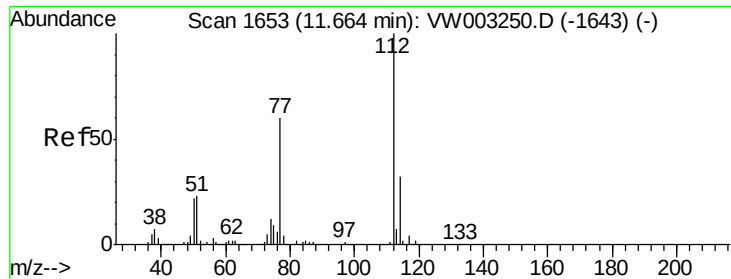
Tgt Ion:117 Resp: 429270
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 32.1 26.7 40.1



#64
Tetrachloroethene
Concen: 136.19 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion:164 Resp: 414017
Ion Ratio Lower Upper
164 100
166 127.9 102.6 154.0
129 95.3 75.2 112.8
131 90.2 75.0 112.4

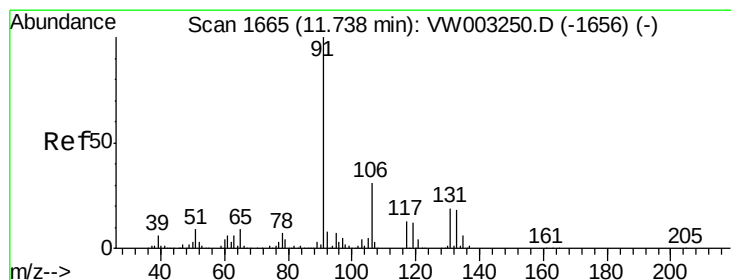
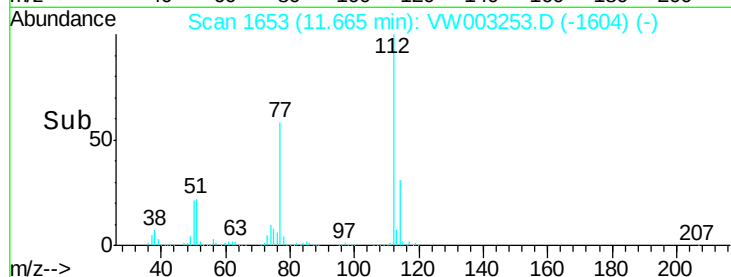
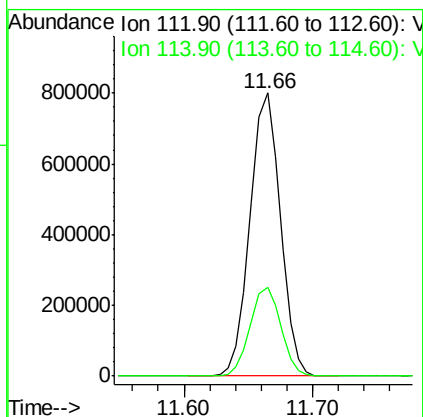
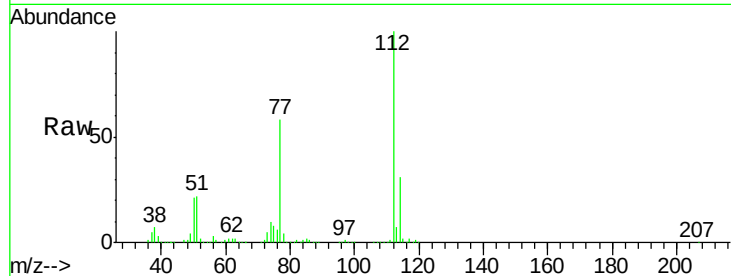




#65
Chlorobenzene
Concen: 147.81 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

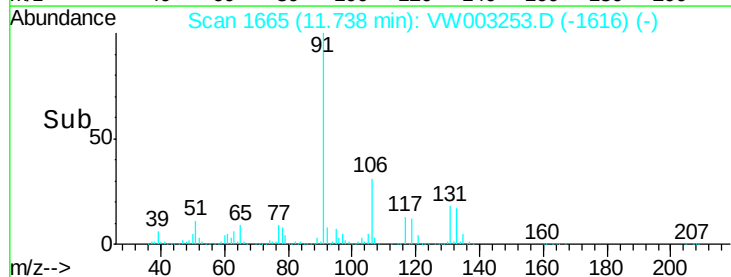
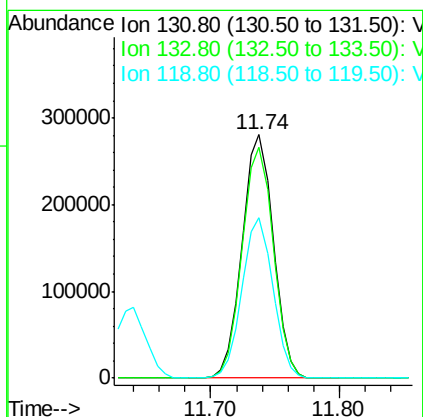
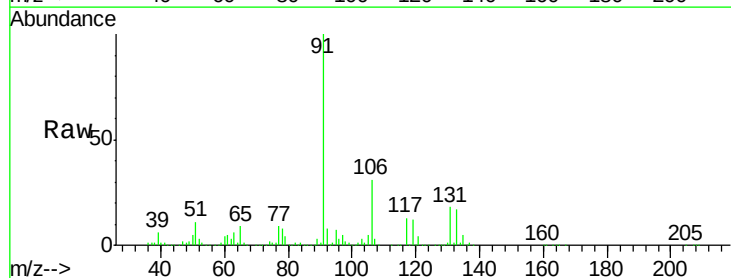
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

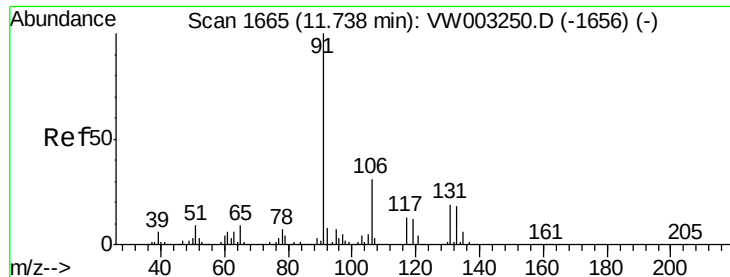
Tgt Ion:112 Resp: 1304643
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 152.52 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion:131 Resp: 469588
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 65.3 32.5 97.4

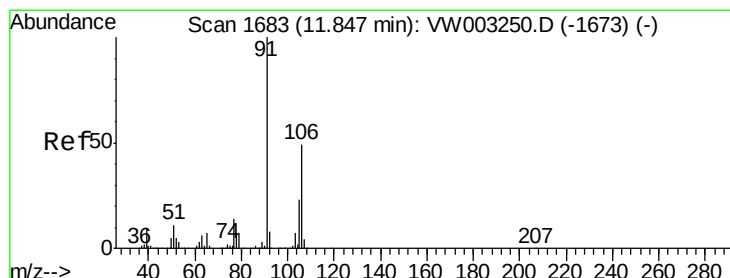
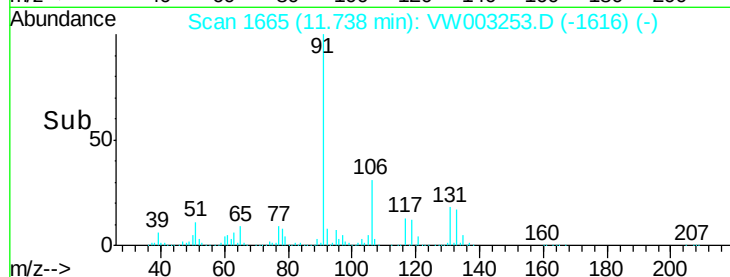
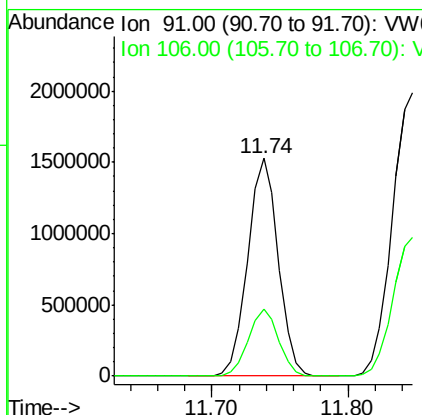
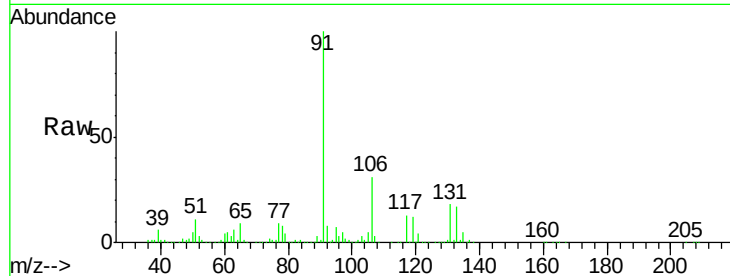




#67
Ethyl Benzene
Concen: 153.85 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

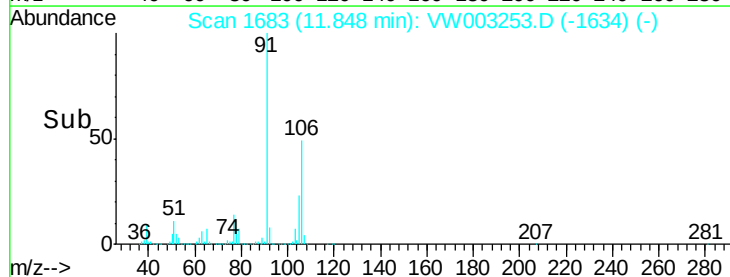
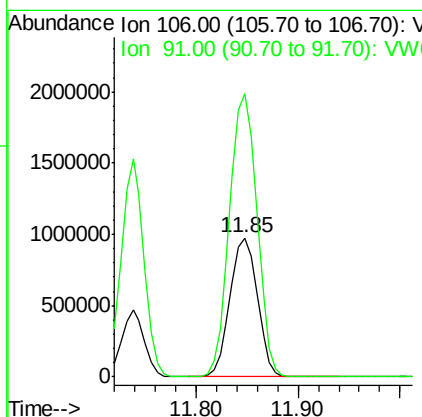
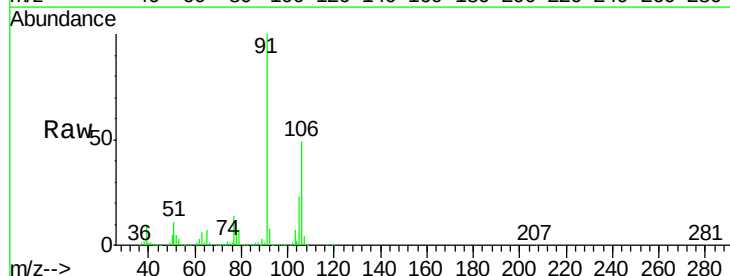
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

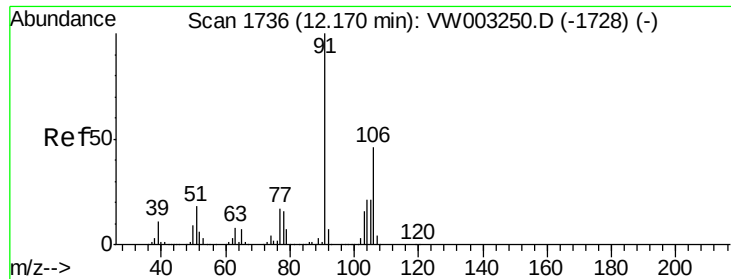
Tgt Ion: 91 Resp: 2401510
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1



#68
m/p-Xylenes
Concen: 303.70 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 106 Resp: 1812373
Ion Ratio Lower Upper
106 100
91 204.3 165.4 248.0

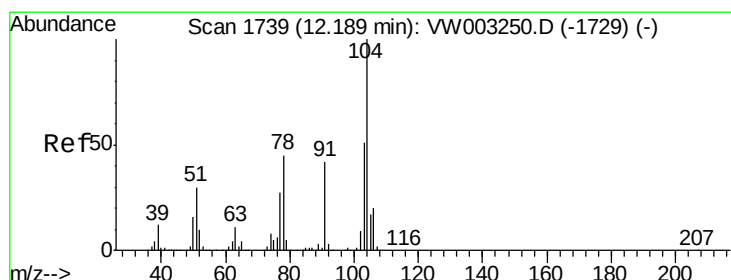
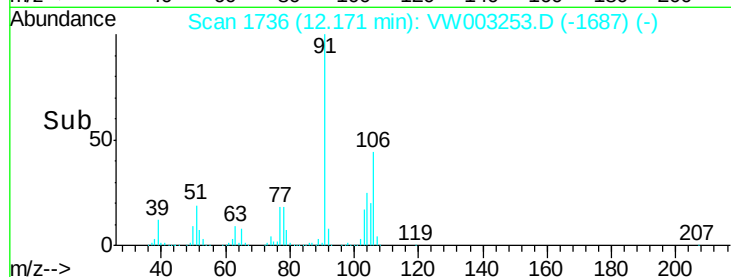
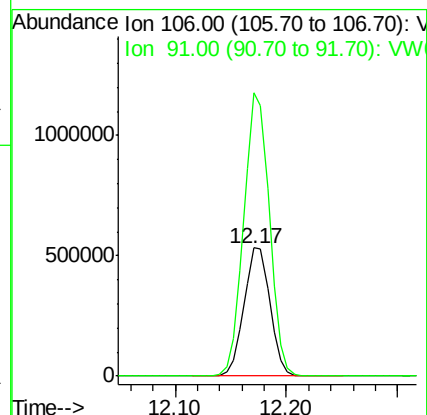
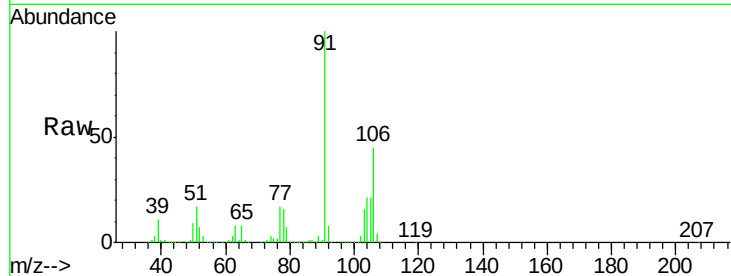




#69
o-Xylene
Concen: 153.76 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

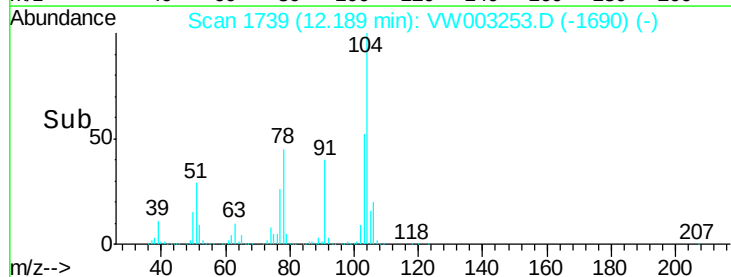
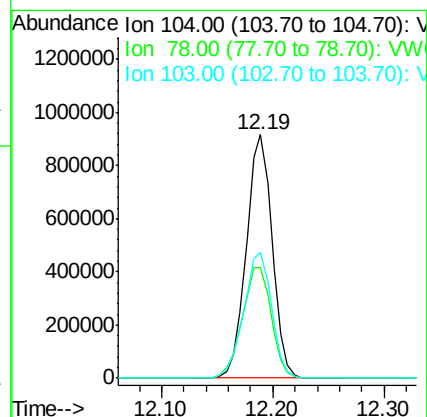
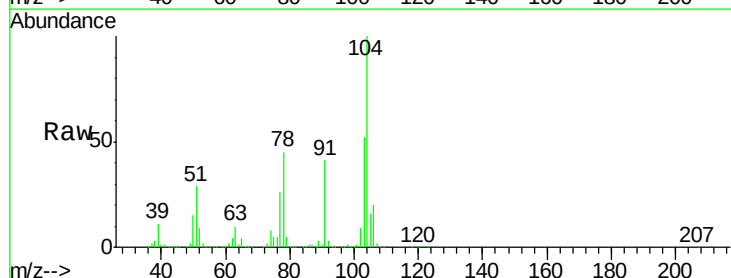
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

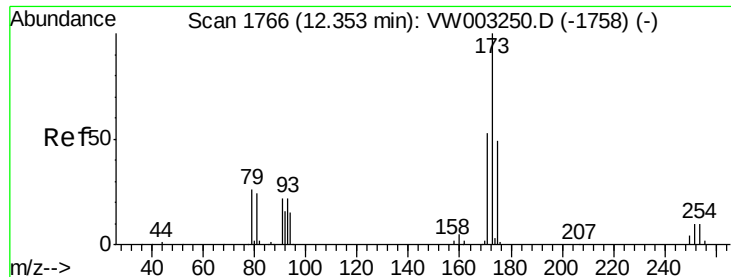
Tgt Ion:106 Resp: 865300
Ion Ratio Lower Upper
106 100
91 217.1 108.6 325.6



#70
Styrene
Concen: 156.27 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion:104 Resp: 1468470
Ion Ratio Lower Upper
104 100
78 51.2 41.3 61.9
103 55.8 45.0 67.4





#71

Bromoform

Concen: 156.71 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

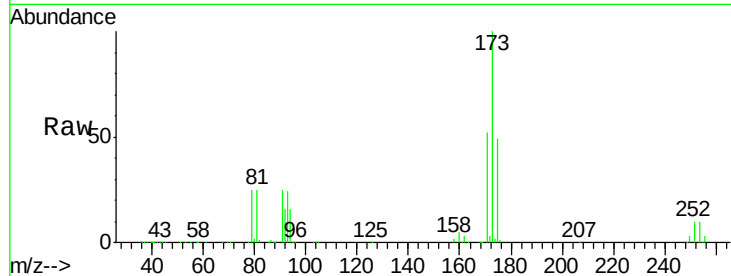
Tgt Ion:173 Resp: 257843

Ion Ratio Lower Upper

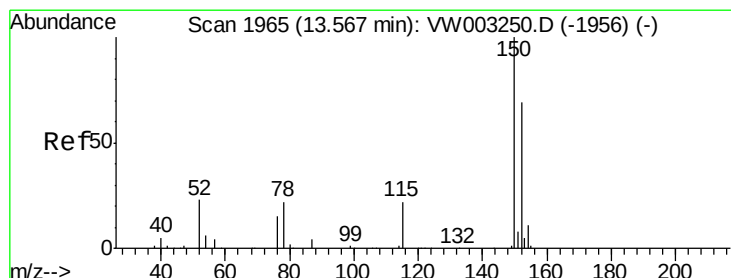
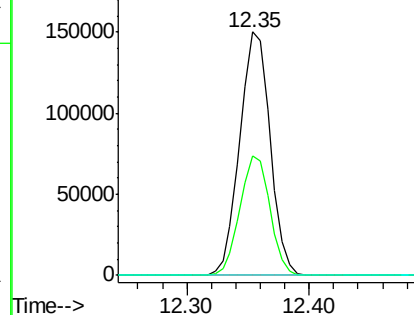
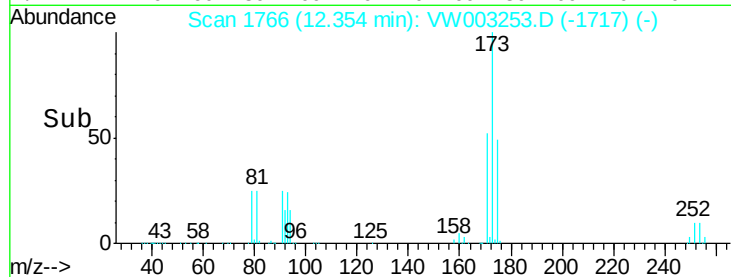
173 100

175 48.6 24.4 73.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

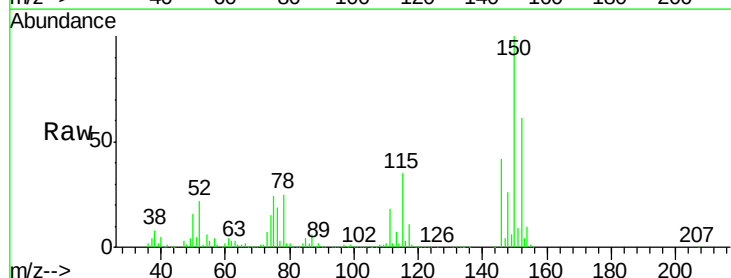
Tgt Ion:152 Resp: 219276

Ion Ratio Lower Upper

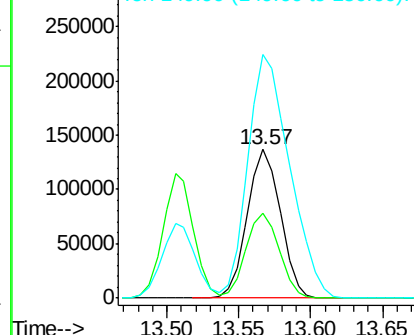
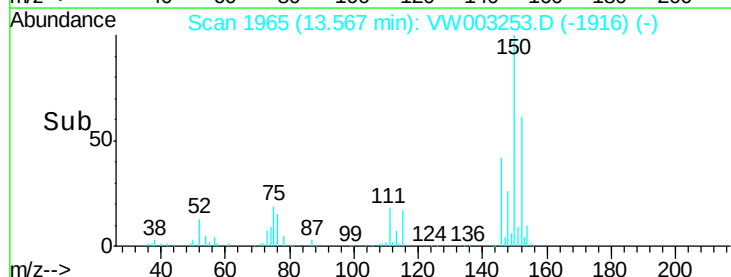
152 100

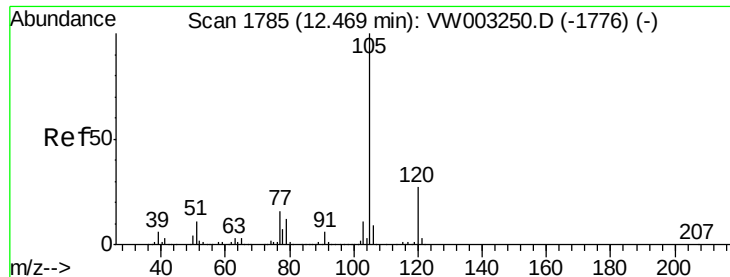
115 57.2 29.3 88.0

150 205.2 0.0 349.6



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: 158.35 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

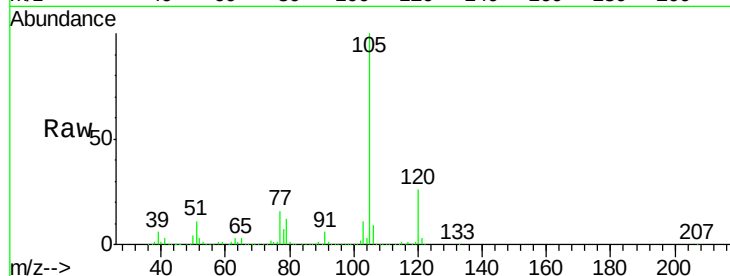
VSTDIC150

Tgt Ion:105 Resp: 2403603

Ion Ratio Lower Upper

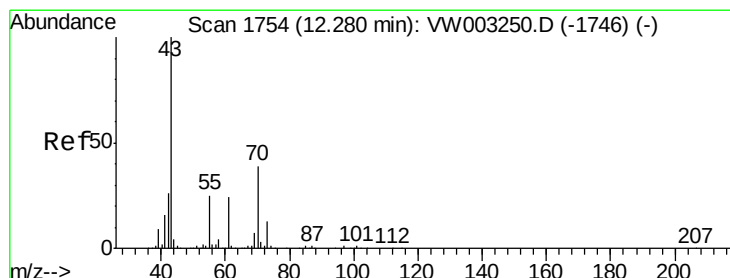
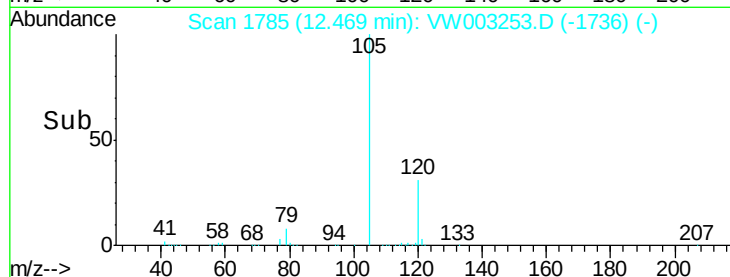
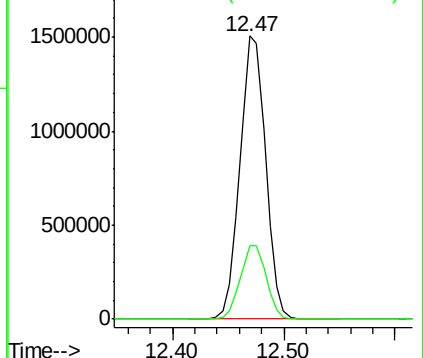
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 170.29 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion: 43 Resp: 595674

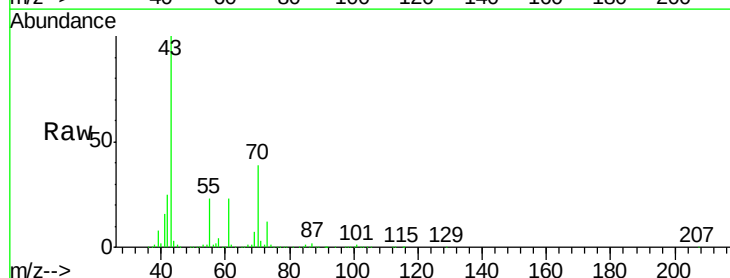
Ion Ratio Lower Upper

43 100

70 38.4 31.0 46.6

55 23.0 19.7 29.5

61 22.9 18.1 27.1

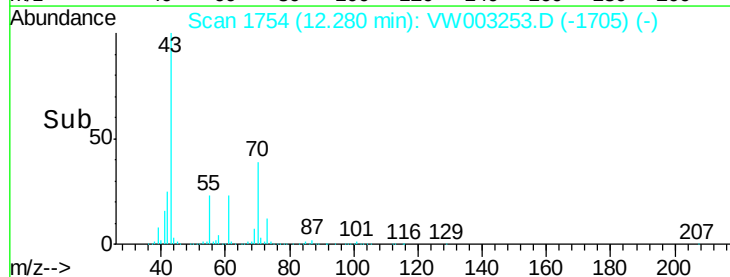
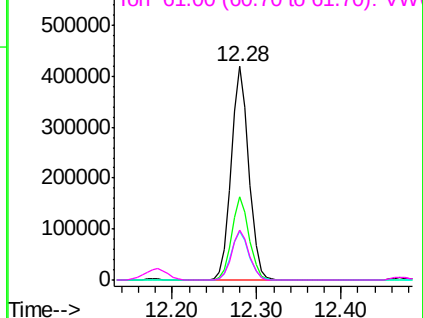


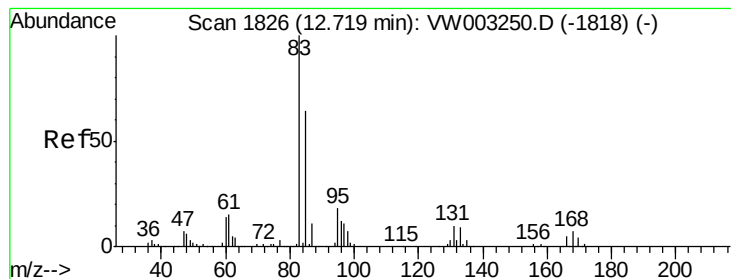
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 153.54 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

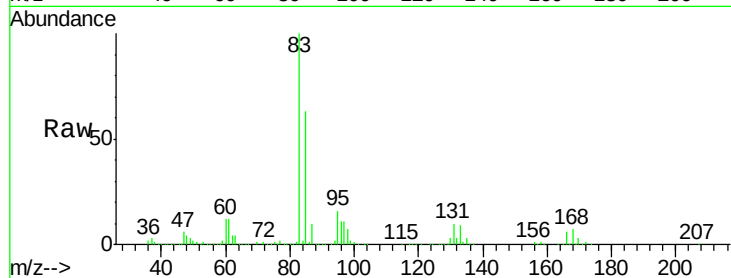
Tgt Ion: 83 Resp: 396985

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

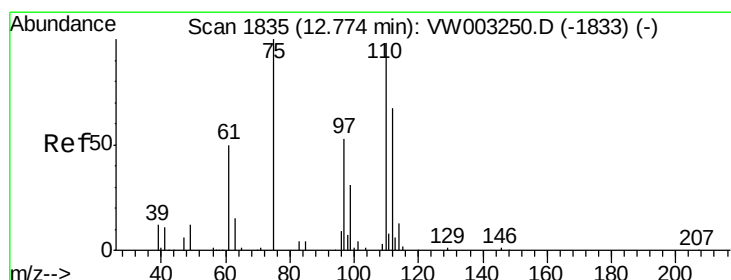
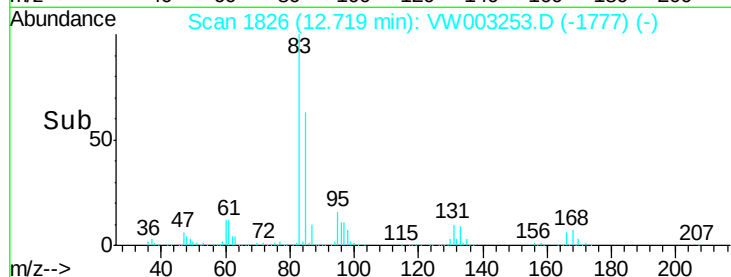
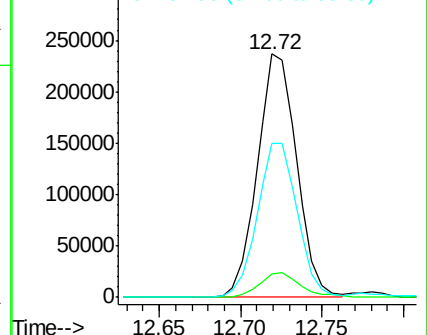
85 64.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 283.93 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003253.D

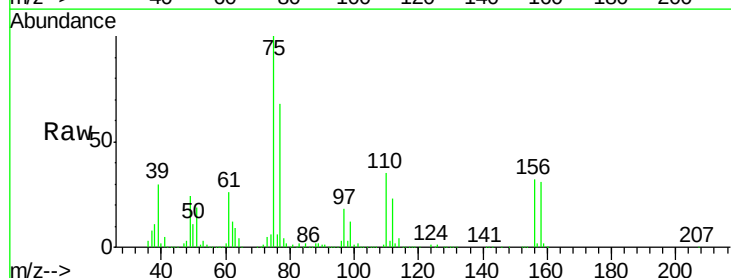
Acq: 13 Jun 2018 18:41

Tgt Ion: 75 Resp: 552132

Ion Ratio Lower Upper

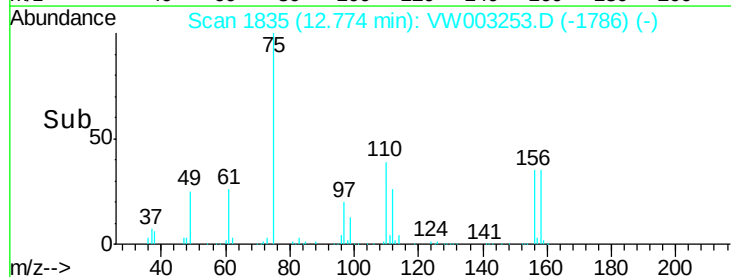
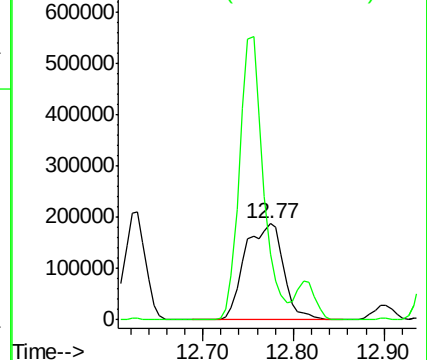
75 100

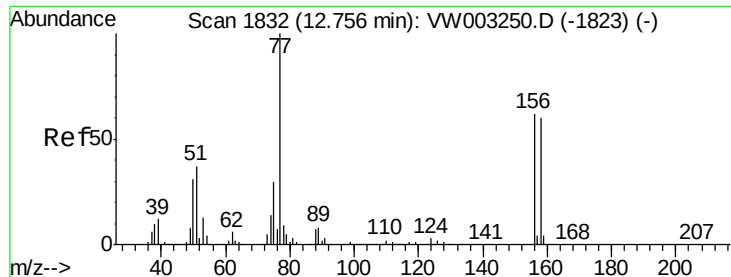
77 183.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 150.88 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

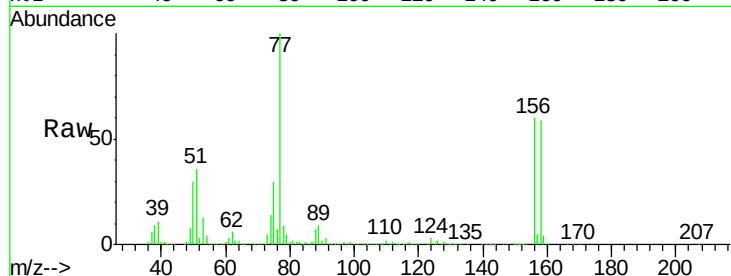
Tgt Ion:156 Resp: 539913

Ion Ratio Lower Upper

156 100

77 187.7 92.3 276.9

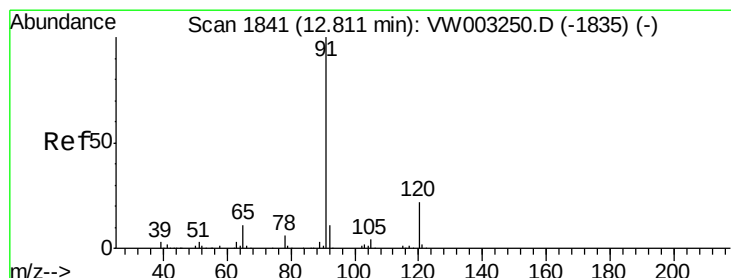
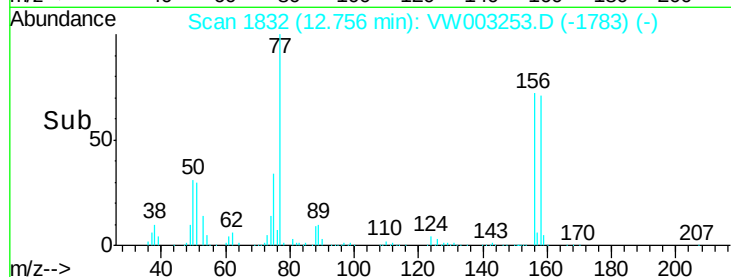
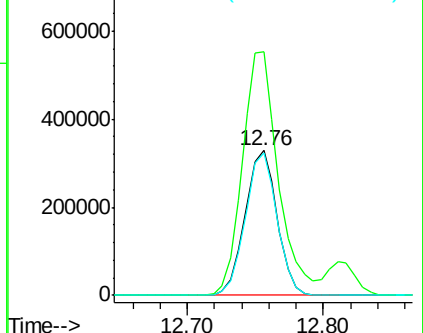
158 97.5 47.5 142.6



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: 158.70 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003253.D

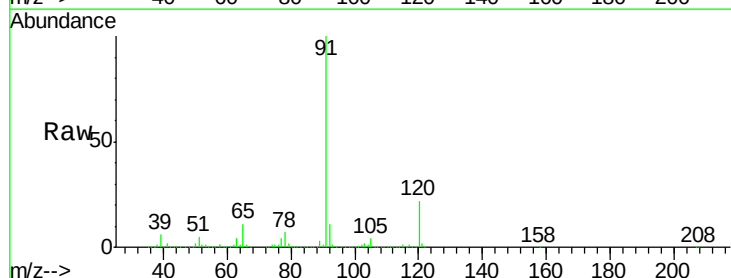
Acq: 13 Jun 2018 18:41

Tgt Ion: 91 Resp: 2876588

Ion Ratio Lower Upper

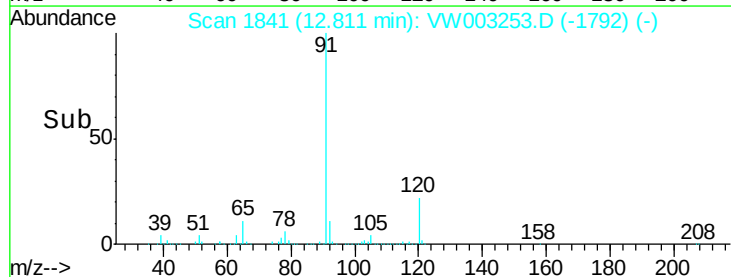
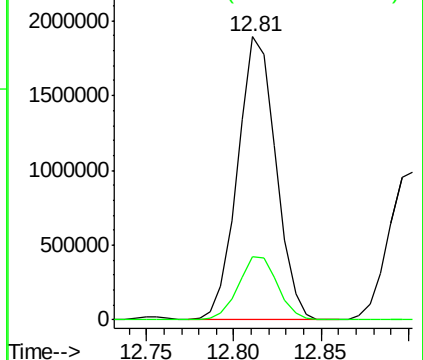
91 100

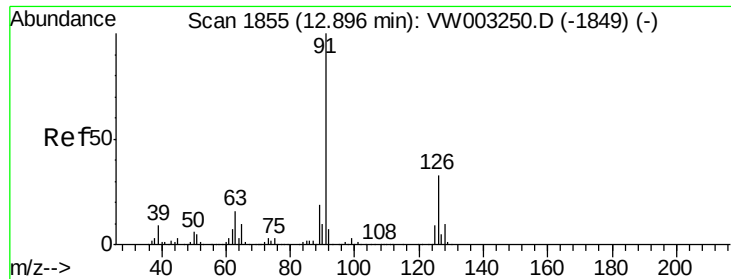
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 156.09 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

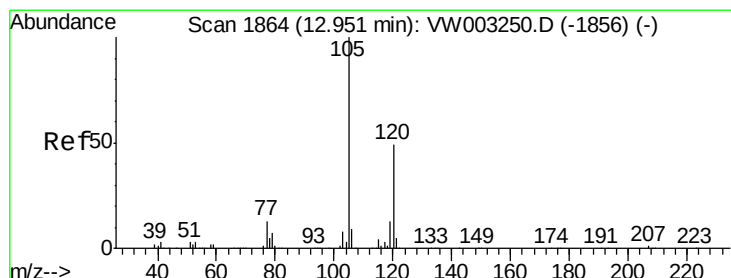
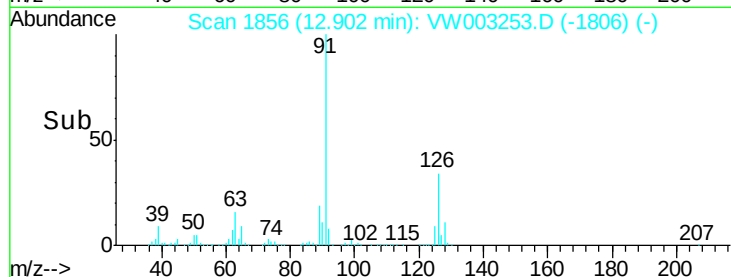
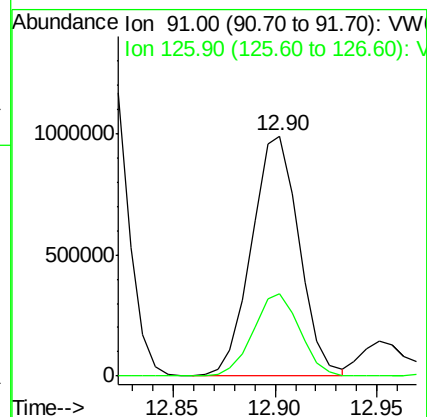
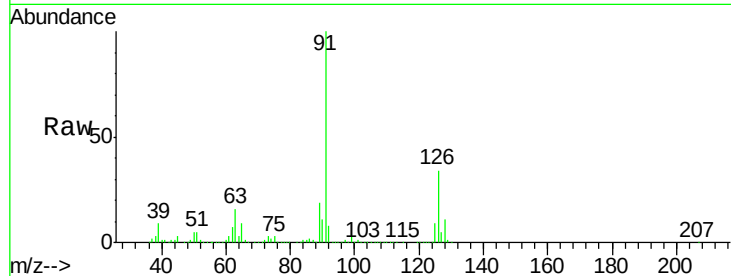
VSTDIC150

Tgt Ion: 91 Resp: 1607586

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 156.31 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003253.D

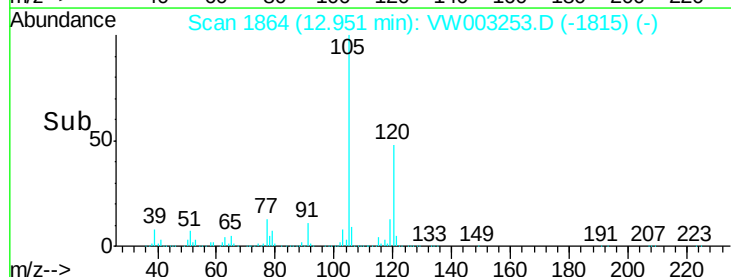
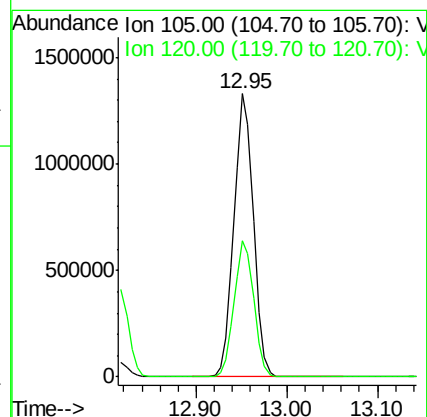
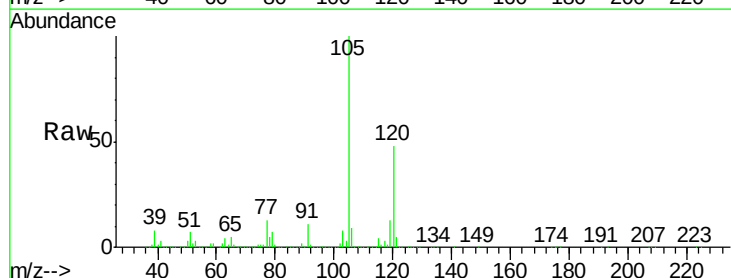
Acq: 13 Jun 2018 18:41

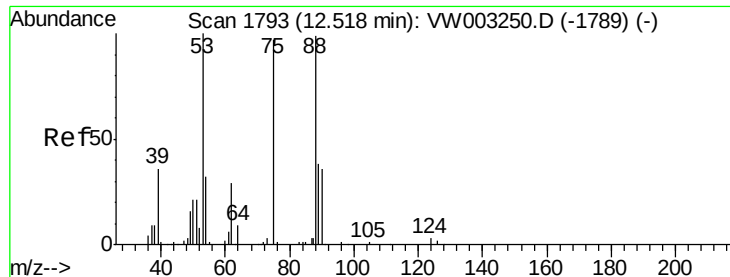
Tgt Ion: 105 Resp: 1978688

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 177.00 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

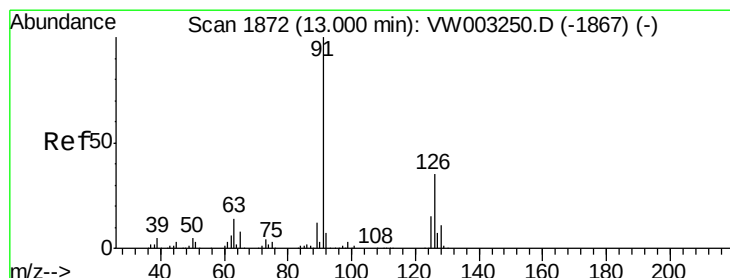
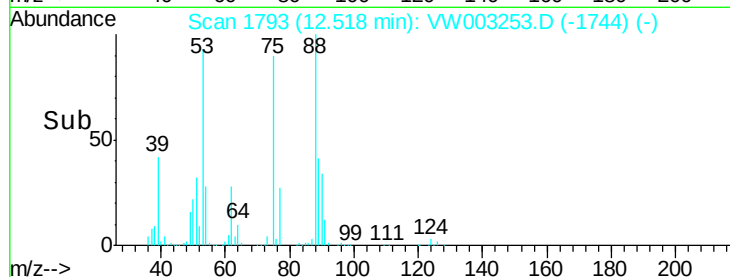
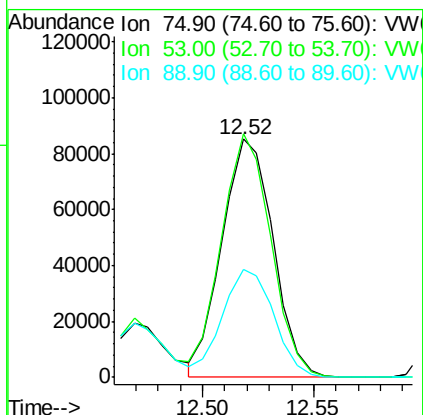
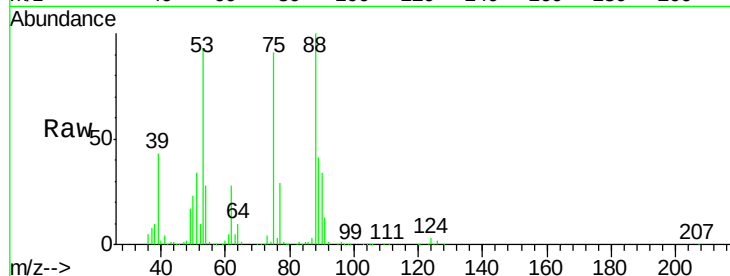
Tgt Ion: 75 Resp: 135702

Ion Ratio Lower Upper

75 100

53 99.2 82.9 124.3

89 45.7 36.7 55.1



#82

4-Chlorotoluene

Concen: 154.02 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW003253.D

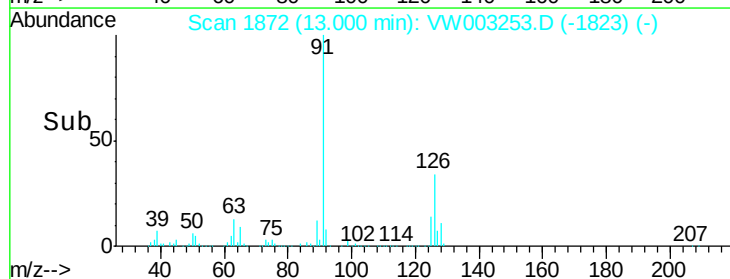
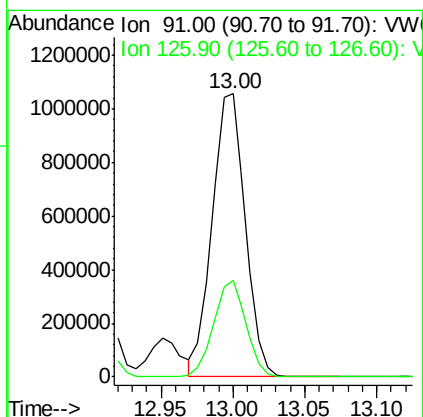
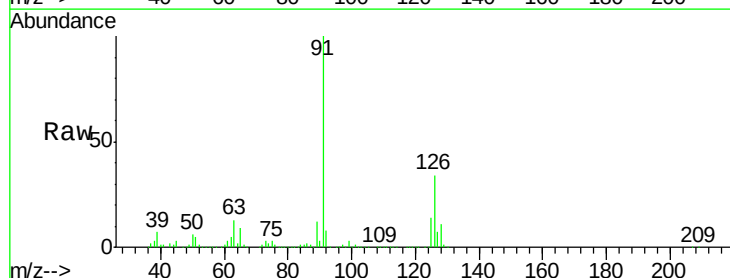
Acq: 13 Jun 2018 18:41

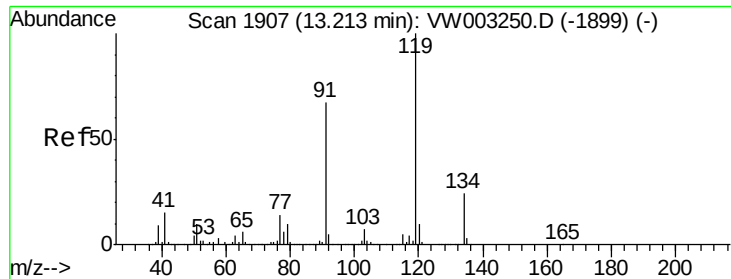
Tgt Ion: 91 Resp: 1693474

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3

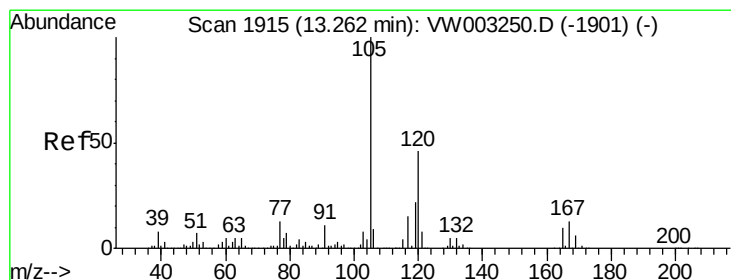
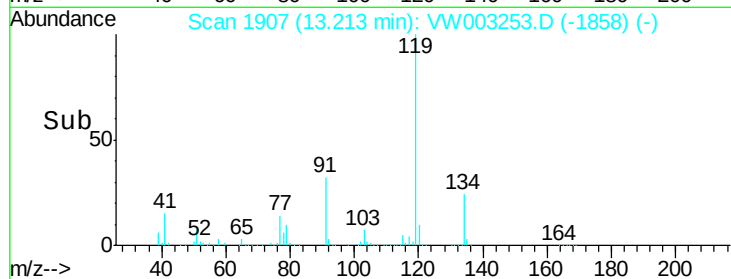
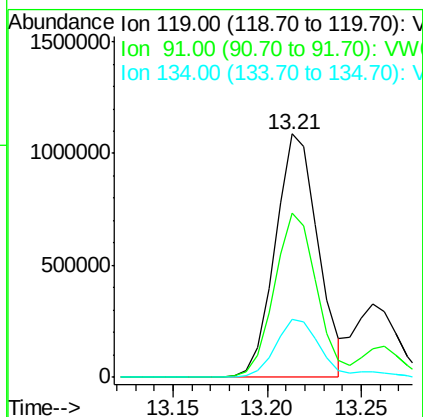
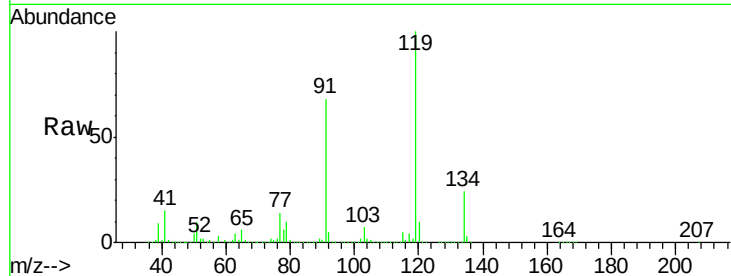




#83
 tert-Butylbenzene
 Concen: 153.10 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

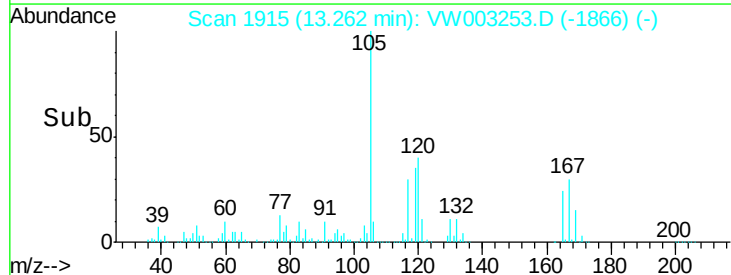
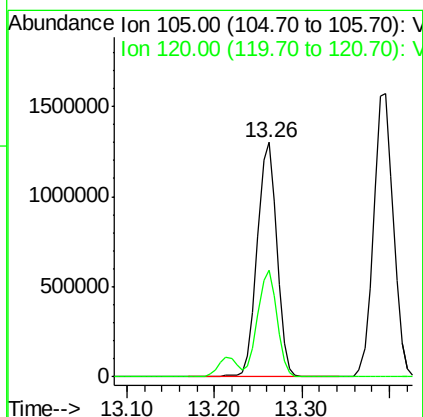
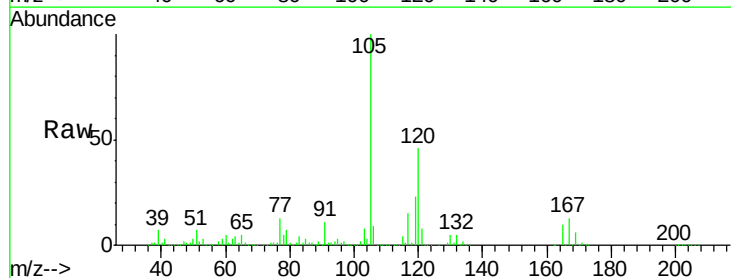
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

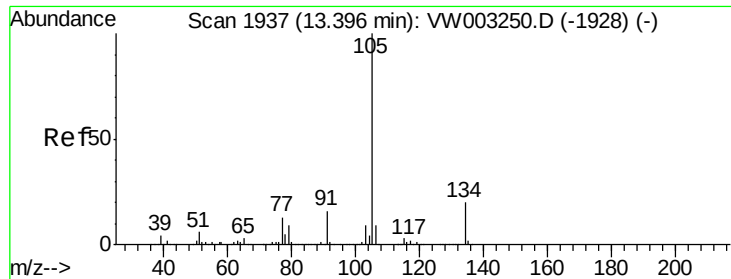
Tgt Ion:119 Resp: 1705911
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.9 101.7
 134 26.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 155.34 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion:105 Resp: 2031066
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 156.24 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

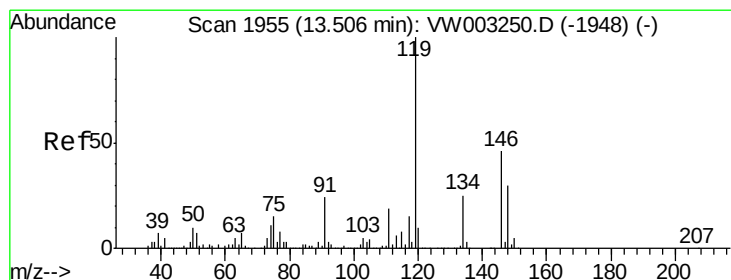
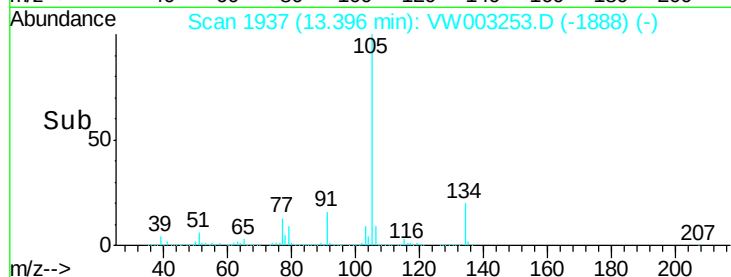
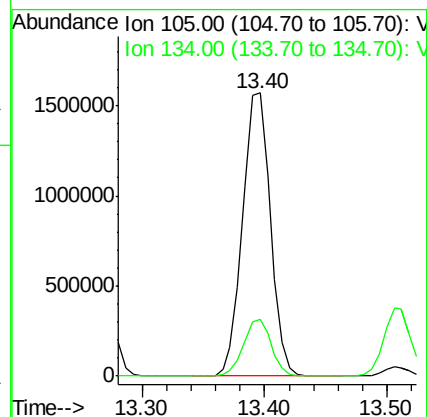
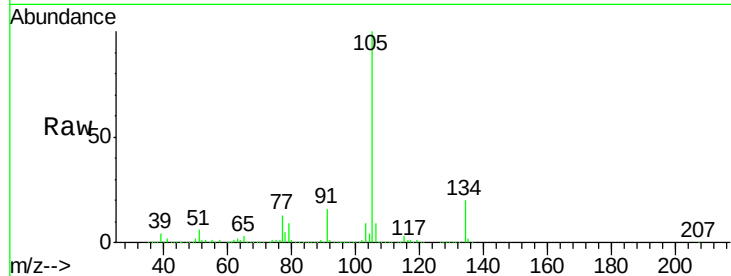
VSTDIC150

Tgt Ion:105 Resp: 2472827

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 155.98 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

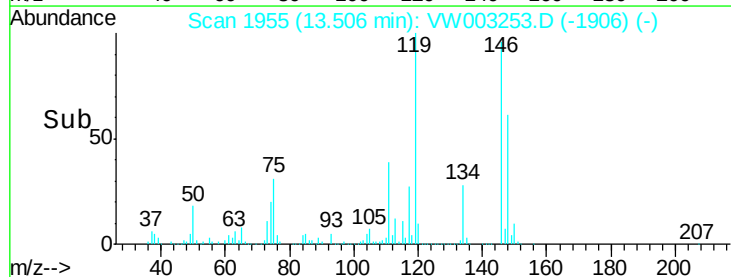
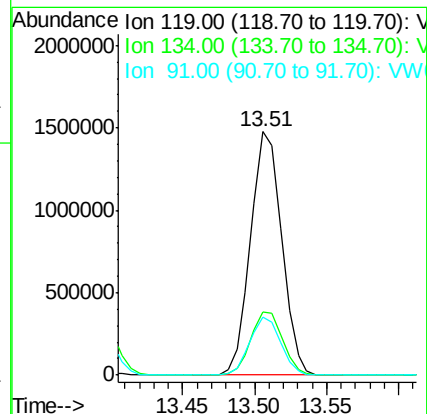
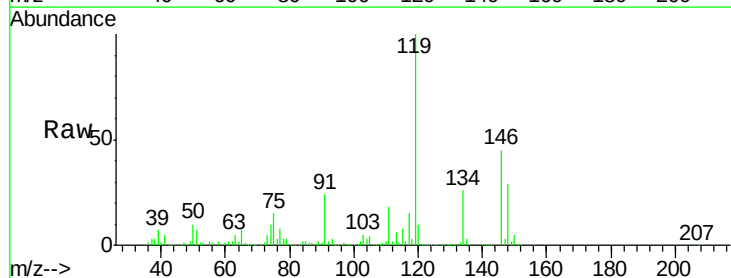
Tgt Ion:119 Resp: 2207334

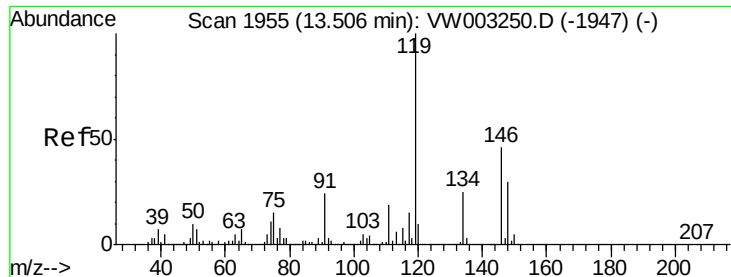
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 23.6 11.8 35.3

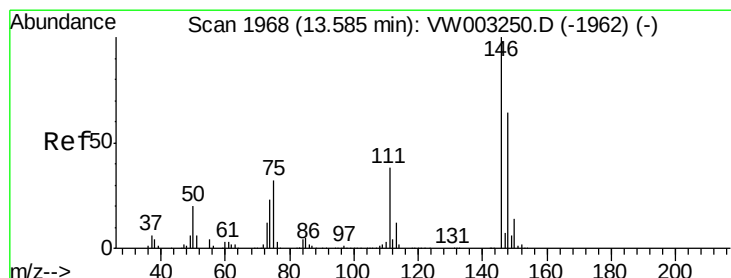
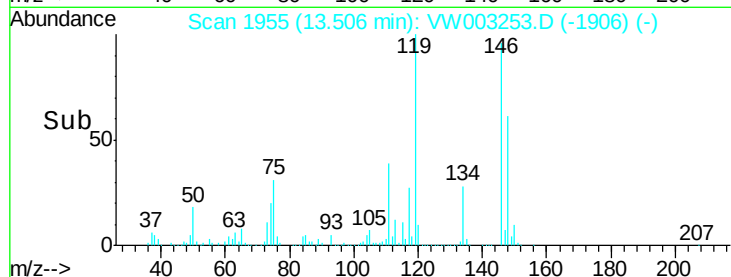
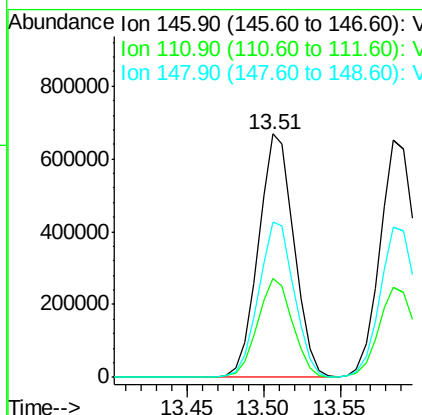
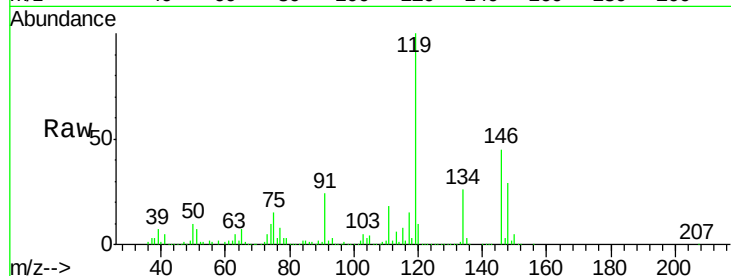




#87
 1,3-Dichlorobenzene
 Concen: 150.01 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

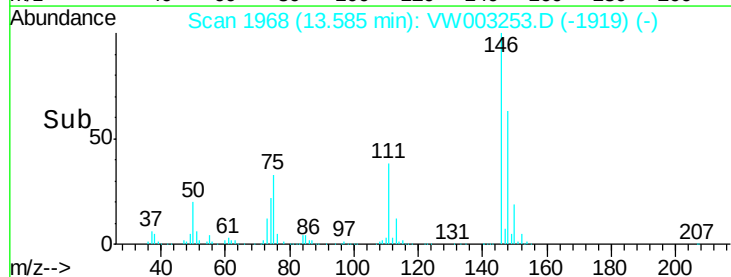
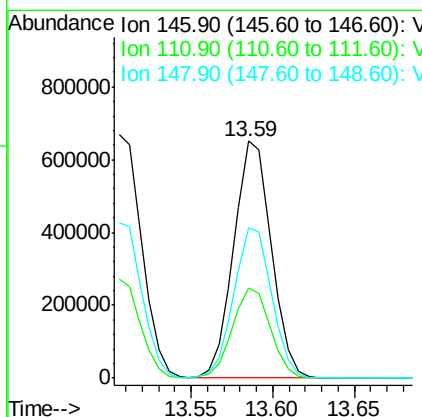
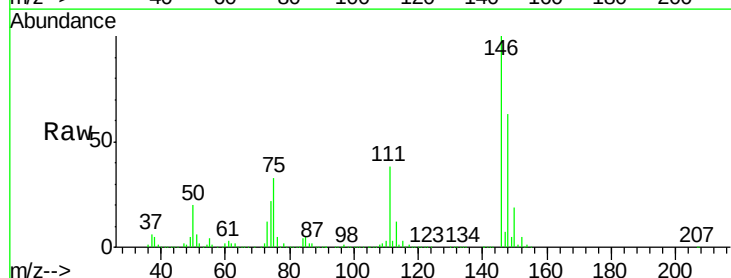
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

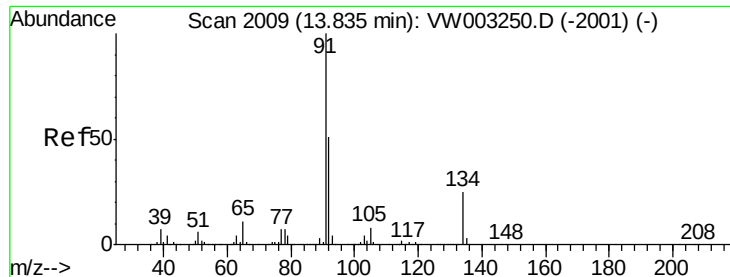
Tgt Ion:146 Resp: 1080762
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.8 59.4
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 145.83 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion:146 Resp: 1049308
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 158.96 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

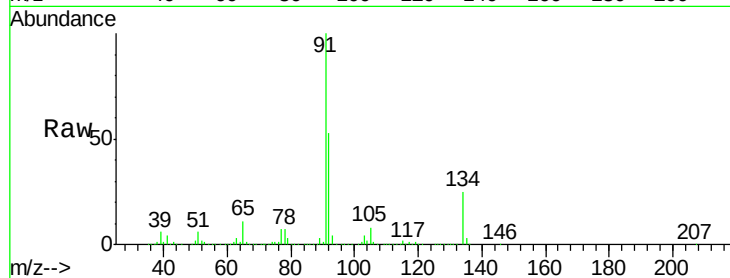
Tgt Ion: 91 Resp: 2128565

Ion Ratio Lower Upper

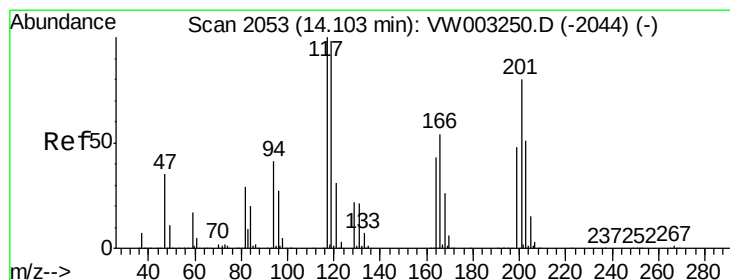
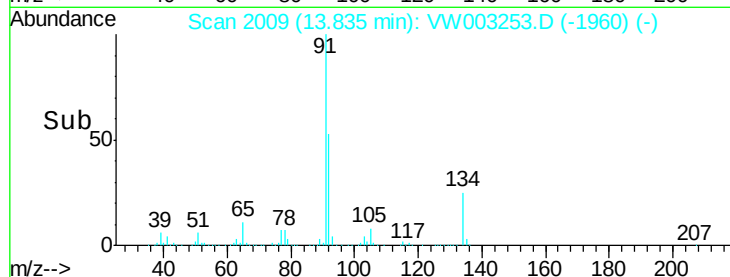
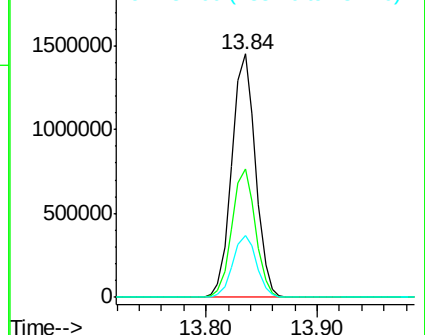
91 100

92 52.7 26.0 78.0

134 25.6 12.7 38.0



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



#90

Hexachloroethane

Concen: 159.28 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003253.D

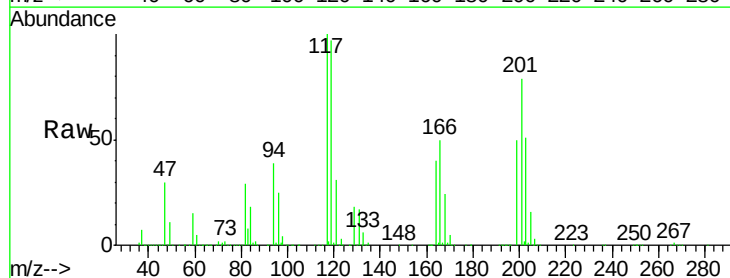
Acq: 13 Jun 2018 18:41

Tgt Ion: 117 Resp: 400329

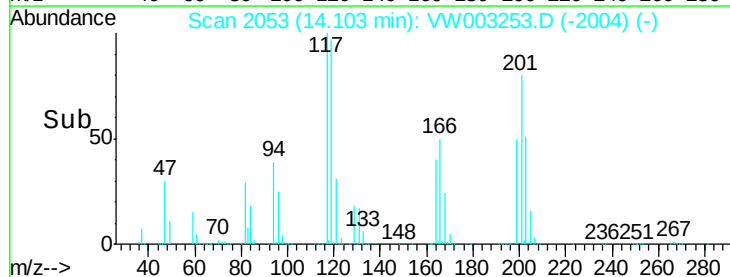
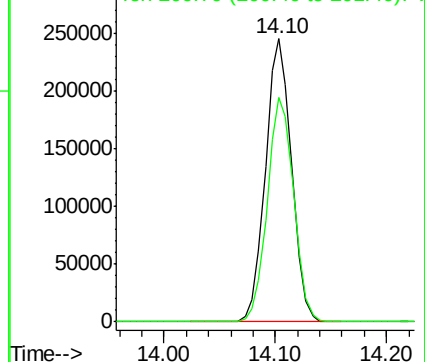
Ion Ratio Lower Upper

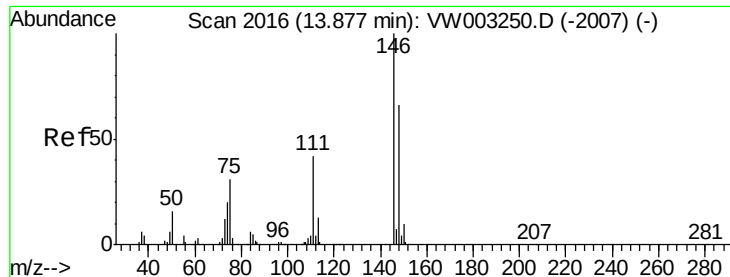
117 100

201 80.1 39.5 118.5



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

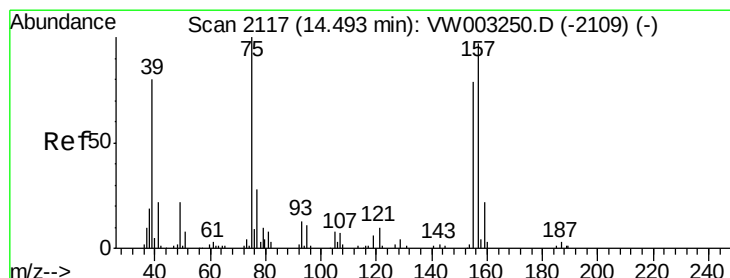
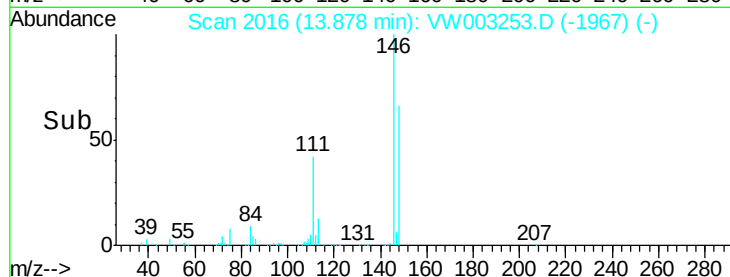
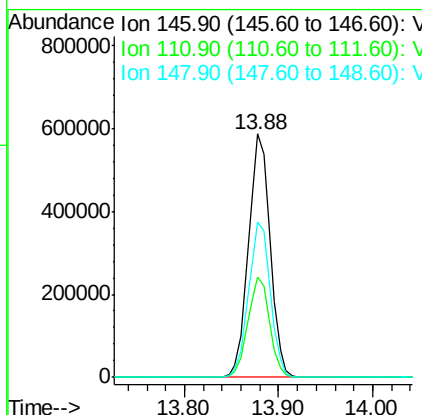
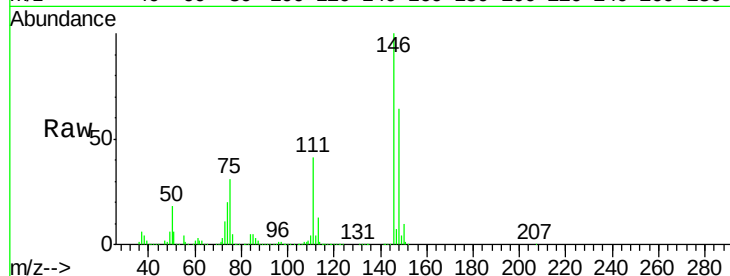




#91
 1,2-Dichlorobenzene
 Concen: 147.68 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

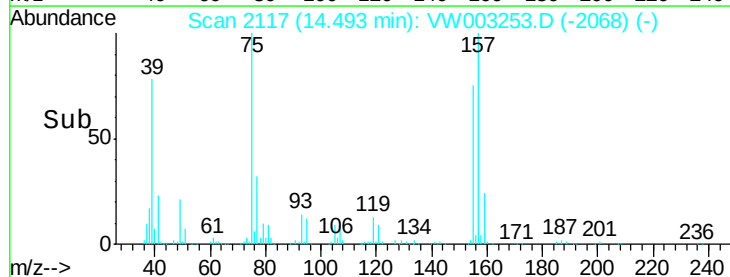
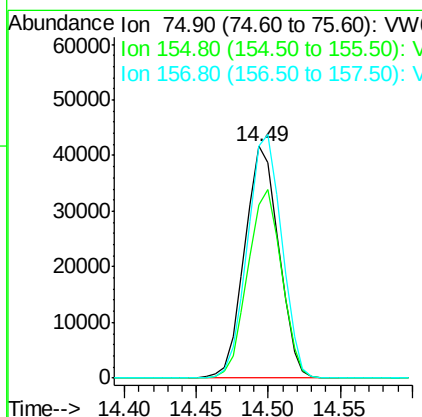
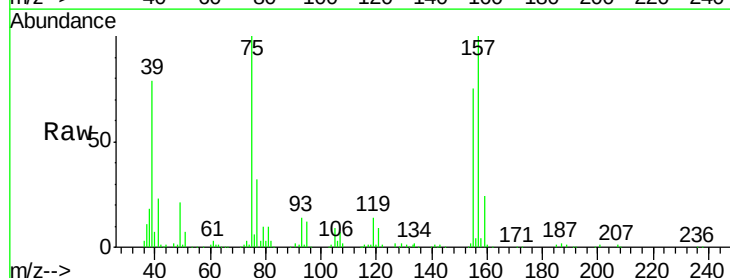
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

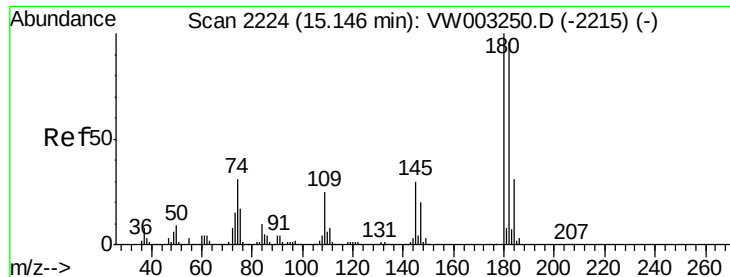
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	61.0
148	64.3	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.83 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	39.4	118.2
157	105.3	51.5	154.5

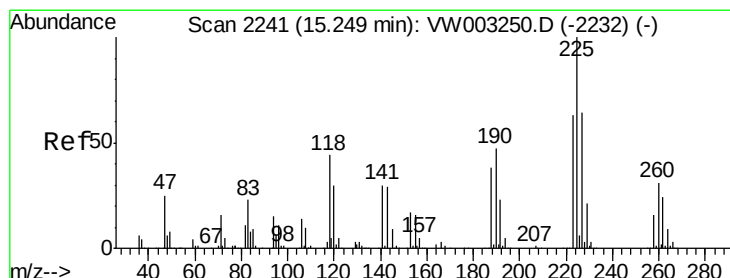
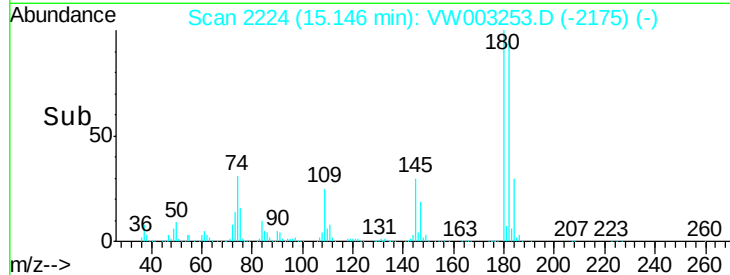
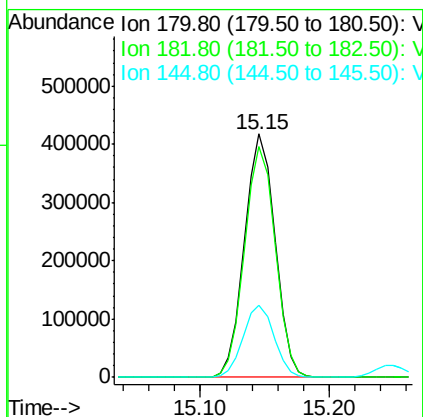
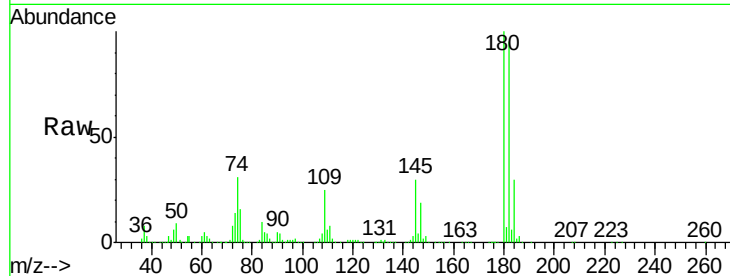




#93
 1,2,4-Trichlorobenzene
 Concen: 149.95 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

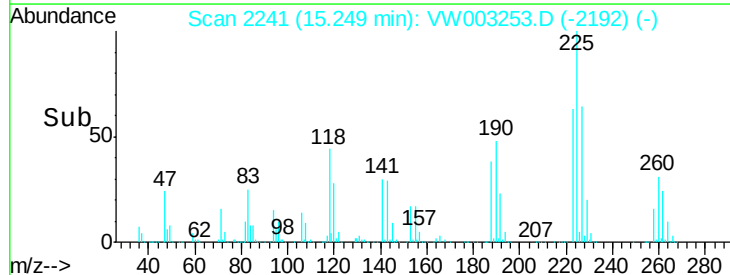
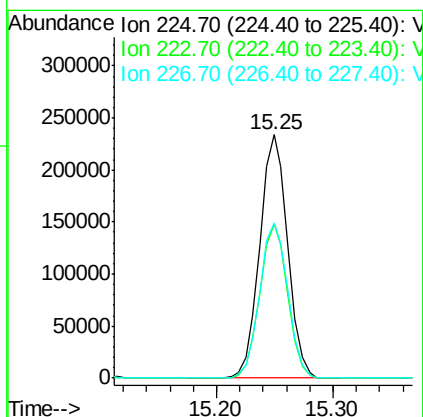
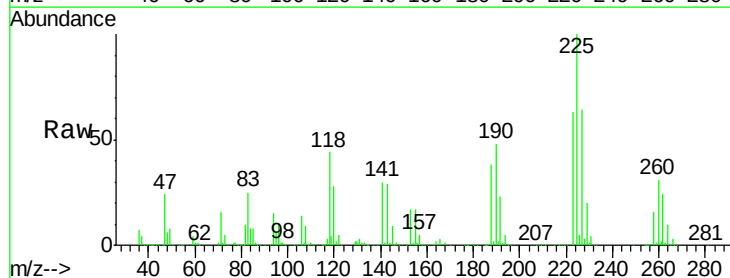
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

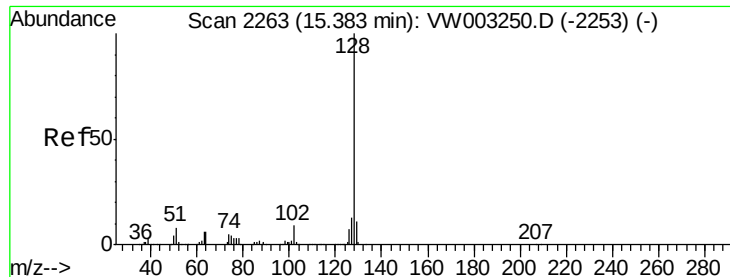
Tgt Ion:180 Resp: 684859
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.6
 145 30.0 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 145.30 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion:225 Resp: 388851
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.6 92.0
 227 64.6 31.7 95.1

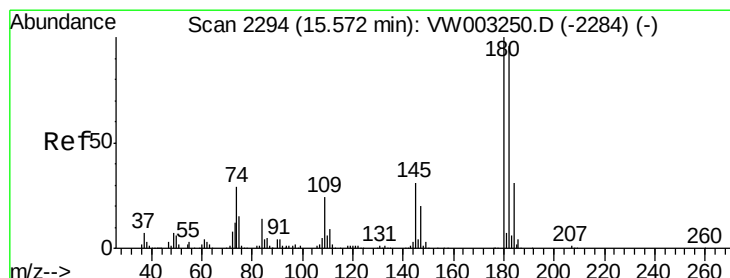
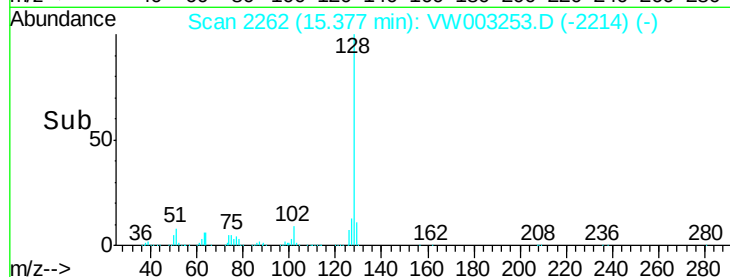
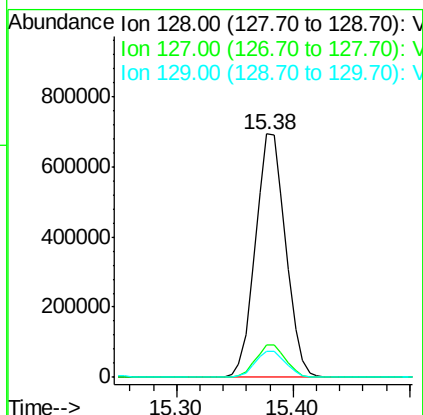
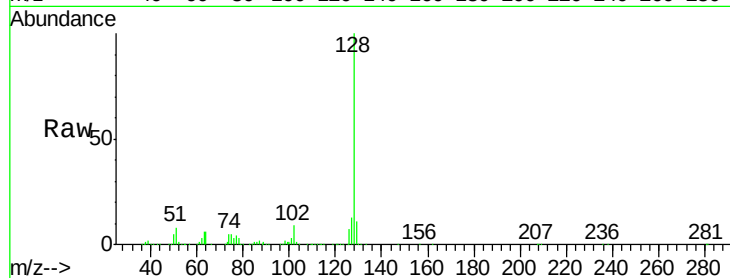




#95
Naphthalene
Concen: 154.75 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1250013
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 148.07 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion:180 Resp: 595229
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 31.7 15.8 47.4

