

Data File : VW003251.D
Acq On : 13 Jun 2018 17:50
Operator : VA/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: Jun 14 07:54:20 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	272849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	395433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211963	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	218110	80.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	161.84%	
35) Dibromofluoromethane	7.89	113	193384	76.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.20%	
50) Toluene-d8	10.33	98	777826	79.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.68%	
62) 4-Bromofluorobenzene	12.63	95	282011	79.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.52%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	59558	75.17	ug/l	89
3) Chloromethane	2.21	50	146993	70.27	ug/l	96
4) Vinyl Chloride	2.36	62	206316	63.79	ug/l	100
5) Bromomethane	2.78	94	138937	59.36	ug/l	97
6) Chloroethane	2.92	64	145955	59.69	ug/l	97
7) Trichlorofluoromethane	3.26	101	123194	68.04	ug/l	96
8) Diethyl Ether	3.68	74	92037	64.18	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	171638	70.38	ug/l	99
10) Methyl Iodide	4.26	142	267922	66.97	ug/l	99
11) Tert butyl alcohol	5.24	59	60289	341.71	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	166877	67.95	ug/l	98
13) Acrolein	3.90	56	75852	412.09	ug/l	98
14) Allyl chloride	4.67	41	299162	73.44	ug/l	99
15) Acrylonitrile	5.38	53	195083	351.56	ug/l	98
16) Acetone	4.15	43	208071	386.71	ug/l	98
17) Carbon Disulfide	4.37	76	494522	66.75	ug/l	100
18) Methyl Acetate	4.68	43	101272	73.12	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	338938	73.38	ug/l	100
20) Methylene Chloride	4.91	84	183908	67.56	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	186228	69.60	ug/l	98
22) Diisopropyl ether	6.32	45	631497	76.04	ug/l	99
23) Vinyl Acetate	6.26	43	1867847	382.09	ug/l	100
24) 1,1-Dichloroethane	6.21	63	358289	73.21	ug/l	98
25) 2-Butanone	7.19	43	278703	377.65	ug/l	99
26) 2,2-Dichloropropane	7.17	77	231388	76.67	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	209862	71.41	ug/l	99
28) Bromochloromethane	7.51	49	162027	82.04	ug/l	98
29) Tetrahydrofuran	7.54	42	172765	362.99	ug/l	100
30) Chloroform	7.68	83	366696	72.89	ug/l	98
31) Cyclohexane	7.96	56	308047	66.65	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	300967	73.85	ug/l	99
36) 1,1-Dichloropropene	8.09	75	285615	71.09	ug/l	100
37) Ethyl Acetate	7.26	43	121978	69.08	ug/l	98
38) Carbon Tetrachloride	8.07	117	283367	72.26	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	336712	70.74	ug/l	99
40) Benzene	8.33	78	799108	71.03	ug/l	99
41) Methacrylonitrile	7.49	41	74913	73.98	ug/l	98
42) 1,2-Dichloroethane	8.40	62	251147	71.80	ug/l	99
43) Isopropyl Acetate	8.43	43	246089	72.07	ug/l	100
44) Trichloroethene	9.10	130	209421	69.17	ug/l	97
45) 1,2-Dichloropropane	9.37	63	205487	72.75	ug/l	98
46) Dibromomethane	9.46	93	106237	70.37	ug/l	98
47) Bromodichloromethane	9.65	83	273361	74.15	ug/l	100
48) Methyl methacrylate	9.45	41	120210	74.07	ug/l	98
49) 1,4-Dioxane	9.49	88	32453	1386.99	ug/l	92
51) 4-Methyl-2-Pentanone	10.22	43	640100	368.85	ug/l	99
52) Toluene	10.39	92	517982	71.76	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	285712	75.25	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	323590	74.93	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	148312	71.09	ug/l	97
56) Ethyl methacrylate	10.65	69	195180	75.48	ug/l	99
57) 1,3-Dichloropropane	10.94	76	258877	71.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	424623	360.03	ug/l	99
59) 2-Hexanone	10.98	43	459855	389.39	ug/l	100
60) Dibromochloromethane	11.13	129	183054	72.96	ug/l	99
61) 1,2-Dibromoethane	11.24	107	142438	70.86	ug/l	100
64) Tetrachloroethene	10.87	164	180245	64.37	ug/l	99
65) Chlorobenzene	11.66	112	567009	69.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	205081	72.31	ug/l	99
67) Ethyl Benzene	11.74	91	1039902	72.32	ug/l	100
68) m/p-Xylenes	11.85	106	784514	142.71	ug/l	100
69) o-Xylene	12.18	106	373465	72.04	ug/l	100
70) Styrene	12.19	104	634647	73.32	ug/l	100
71) Bromoform	12.35	173	110095	72.64	ug/l #	99
73) Isopropylbenzene	12.47	105	1052123	71.70	ug/l	99
74) N-amyl acetate	12.28	43	250365	74.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	175067	70.04	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	242059	128.77	ug/l #	100
77) Bromobenzene	12.76	156	241420	69.79	ug/l	99
78) n-propylbenzene	12.81	91	1289846	73.62	ug/l	100
79) 2-Chlorotoluene	12.90	91	714518	71.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	889431	72.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	58203	78.54	ug/l	98
82) 4-Chlorotoluene	13.00	91	761196	71.62	ug/l	100
83) tert-Butylbenzene	13.21	119	755259	70.12	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	911040	72.08	ug/l	100
85) sec-Butylbenzene	13.40	105	1110250	72.57	ug/l	100
86) p-Isopropyltoluene	13.51	119	994005	72.66	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	489447	70.28	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	481133	69.17	ug/l	99
89) n-Butylbenzene	13.83	91	961350	74.27	ug/l	100
90) Hexachloroethane	14.10	117	179845	74.03	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	429743	69.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29964	69.80	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

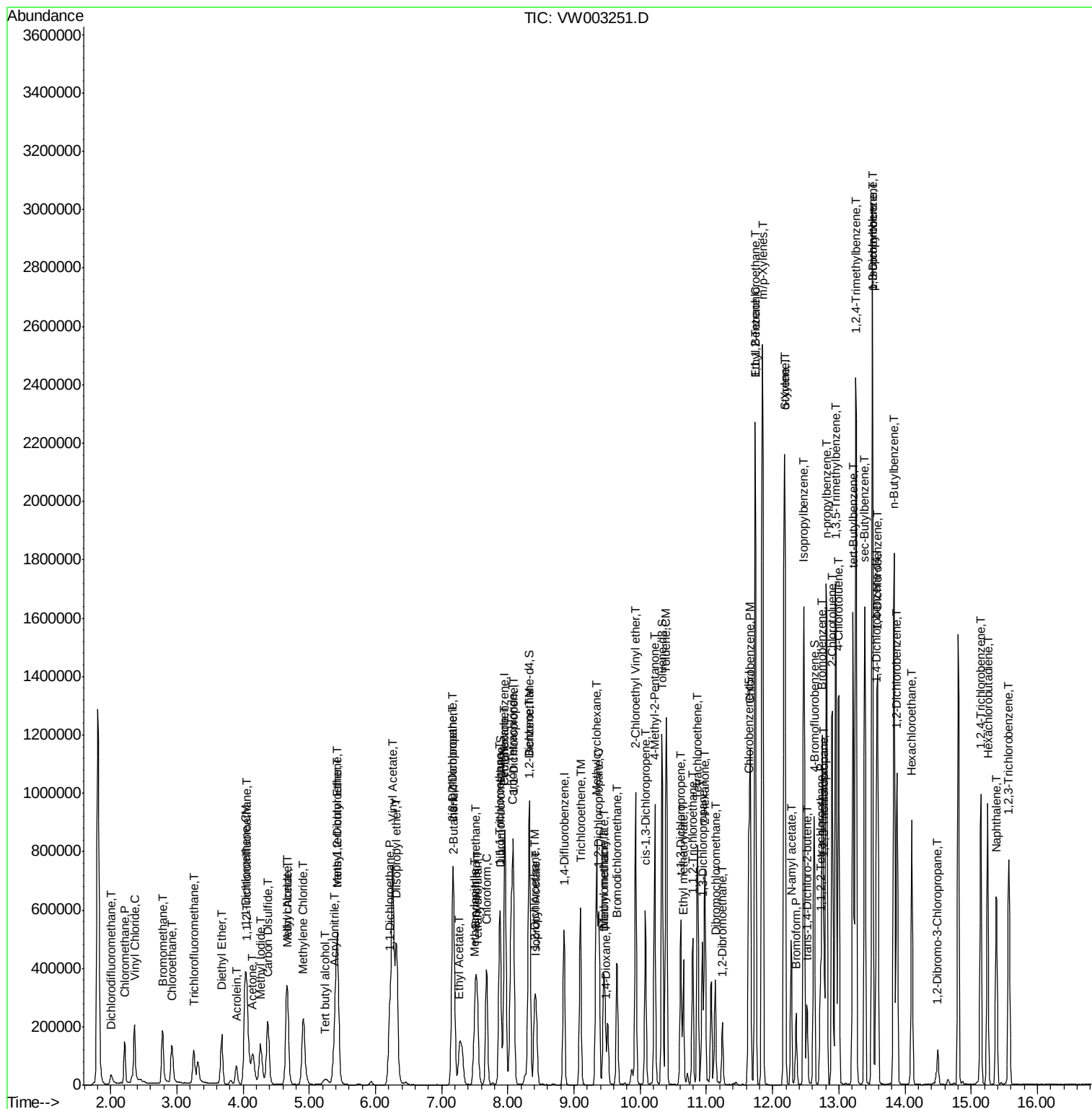
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	307871	69.73	ug/l	100
94) Hexachlorobutadiene	15.25	225	178897	69.15	ug/l	98
95) Naphthalene	15.38	128	550576	70.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	268344	69.06	ug/l	99

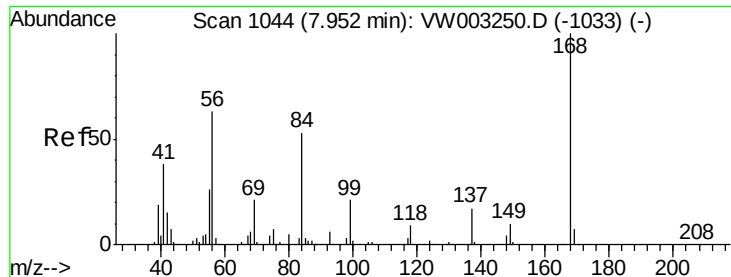
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

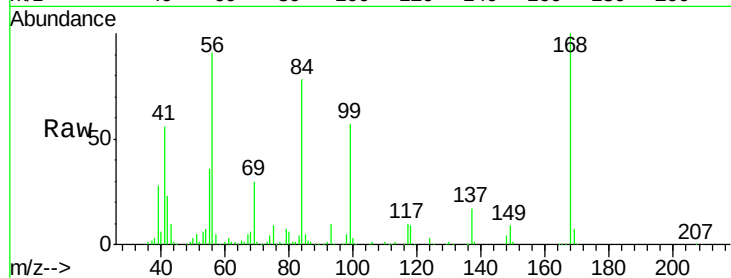
VSTDIC075

Tgt Ion:168 Resp: 272849

Ion Ratio Lower Upper

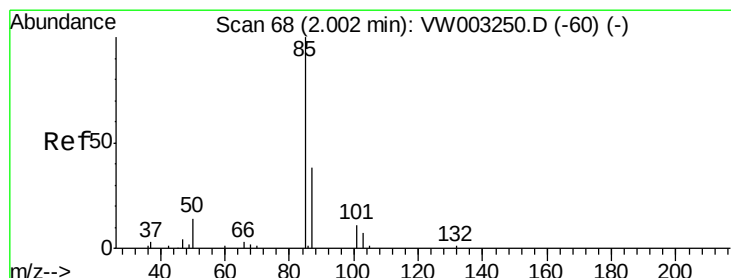
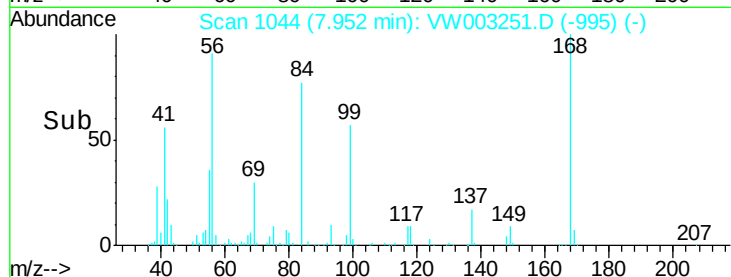
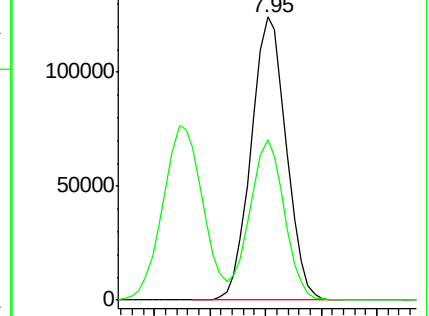
168 100

99 56.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 75.17 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003251.D

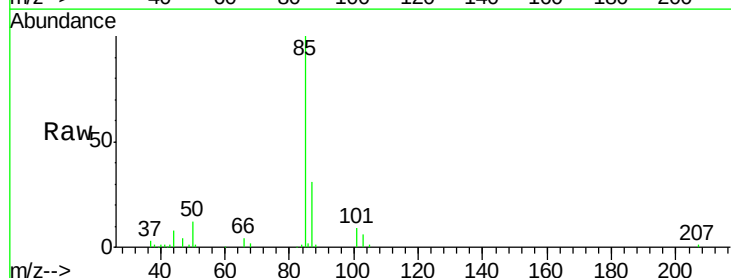
Acq: 13 Jun 2018 17:50

Tgt Ion: 85 Resp: 59558

Ion Ratio Lower Upper

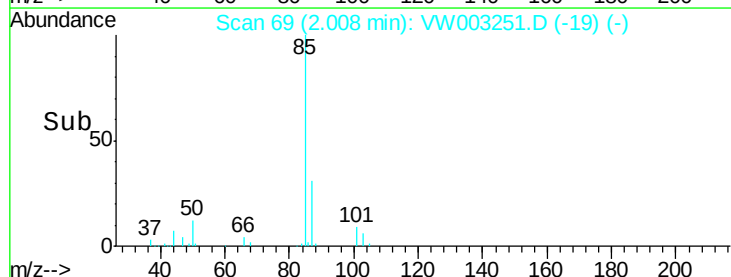
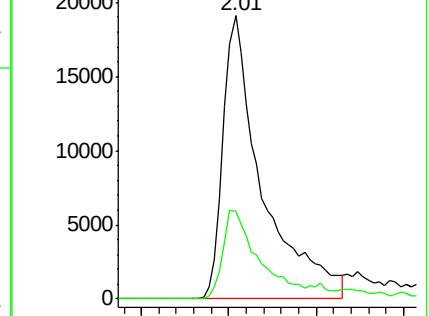
85 100

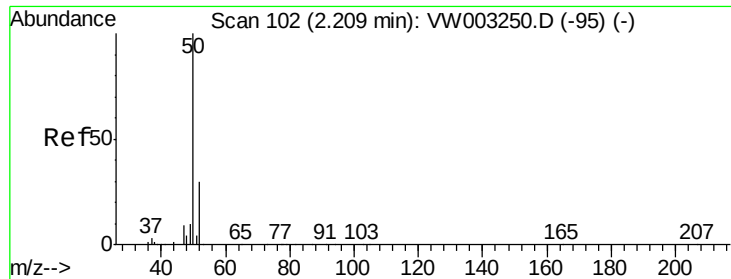
87 31.2 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 70.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

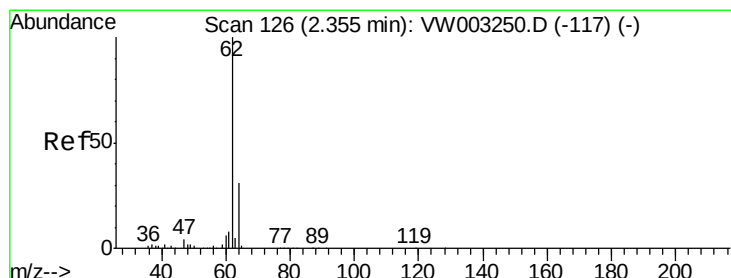
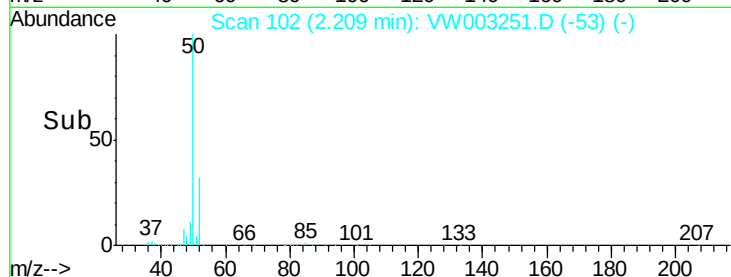
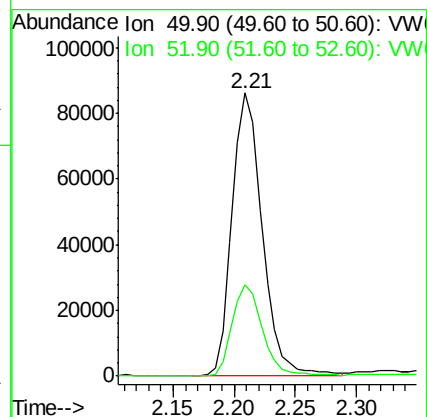
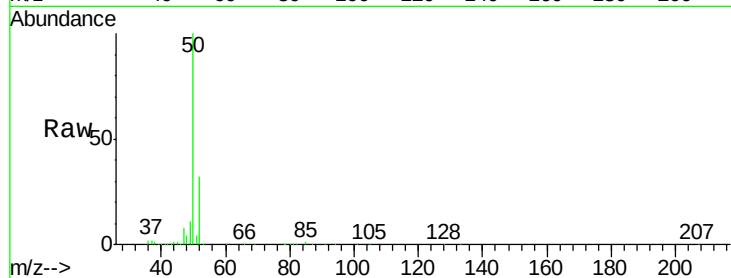
VSTDIC075

Tgt Ion: 50 Resp: 146993

Ion Ratio Lower Upper

50 100

52 32.5 24.2 36.2



#4

Vinyl Chloride

Concen: 63.79 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003251.D

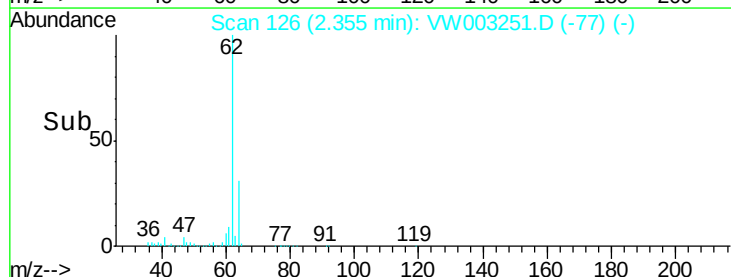
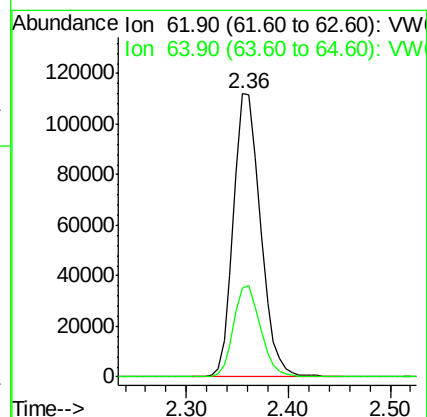
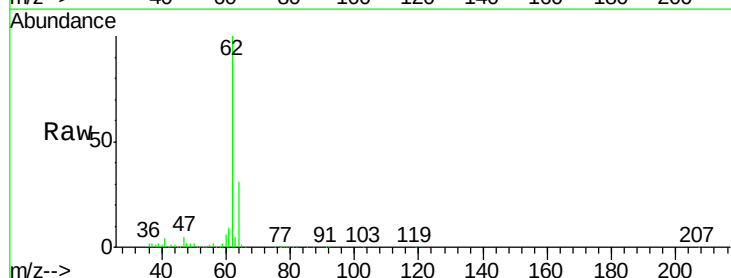
Acq: 13 Jun 2018 17:50

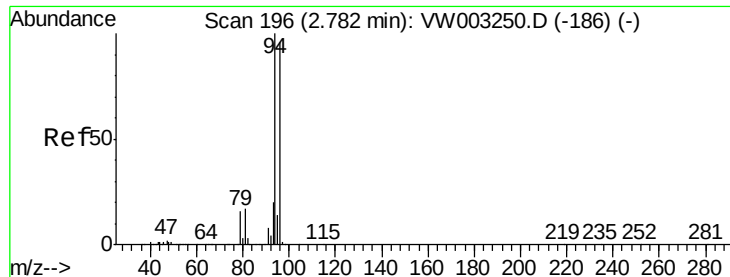
Tgt Ion: 62 Resp: 206316

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3





#5

Bromomethane

Concen: 59.36 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

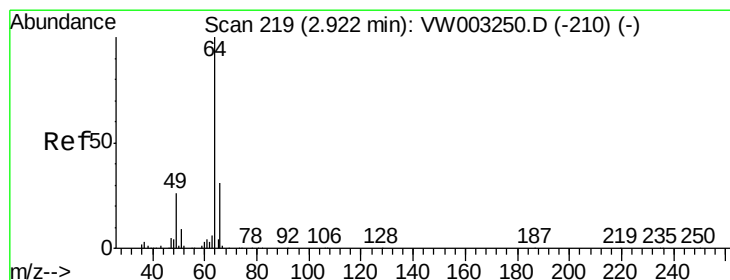
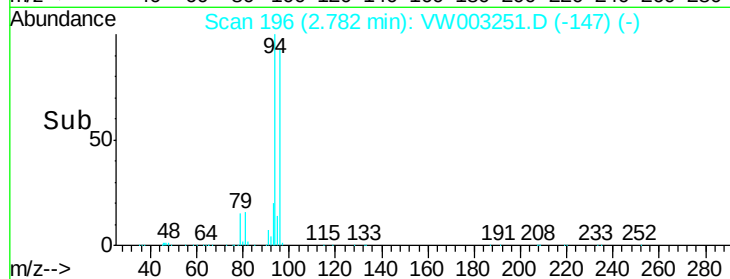
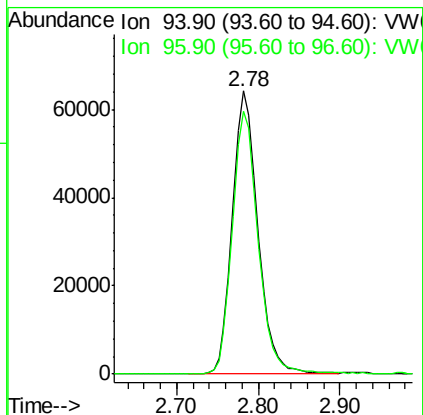
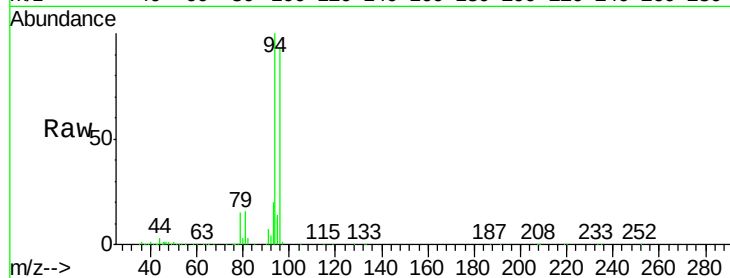
VSTDIC075

Tgt Ion: 94 Resp: 138937

Ion Ratio Lower Upper

94 100

96 92.7 76.5 114.7



#6

Chloroethane

Concen: 59.69 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003251.D

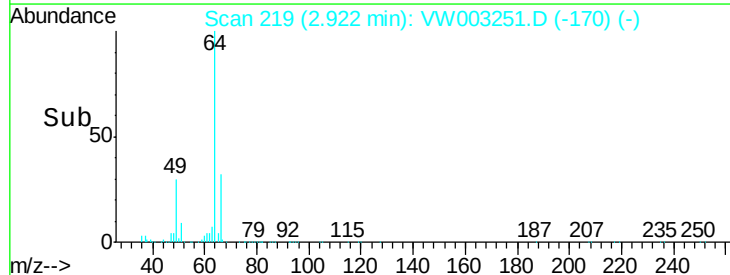
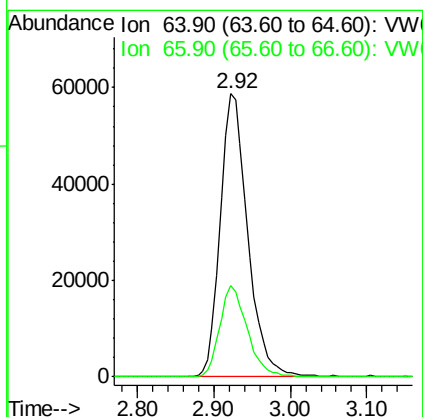
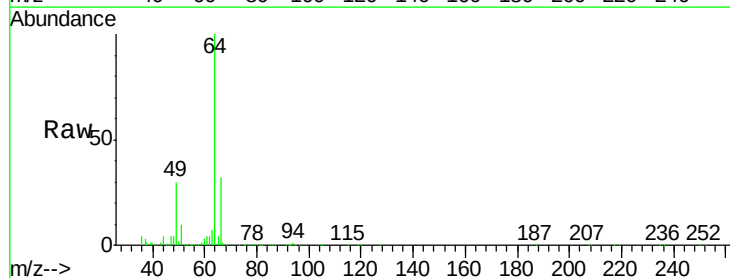
Acq: 13 Jun 2018 17:50

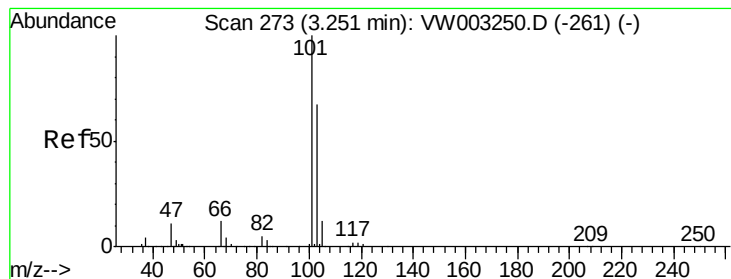
Tgt Ion: 64 Resp: 145955

Ion Ratio Lower Upper

64 100

66 32.1 24.4 36.6



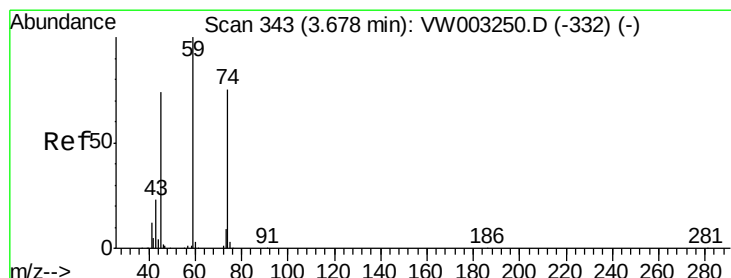
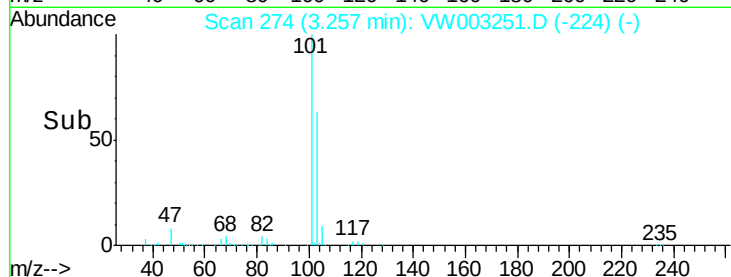
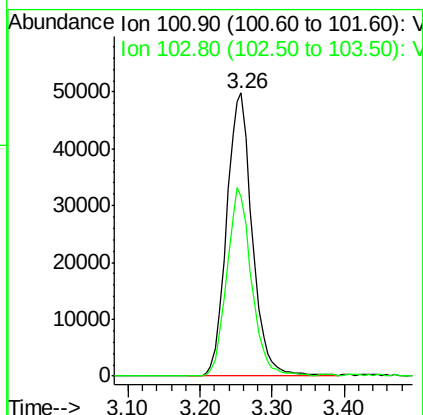
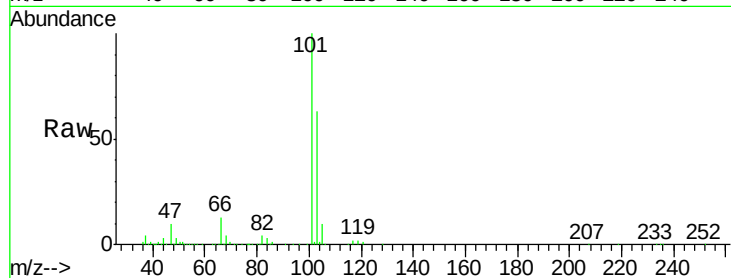


#7

Trichlorofluoromethane
 Concen: 68.04 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW003251.D
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Instrument :
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 VSTDIC075

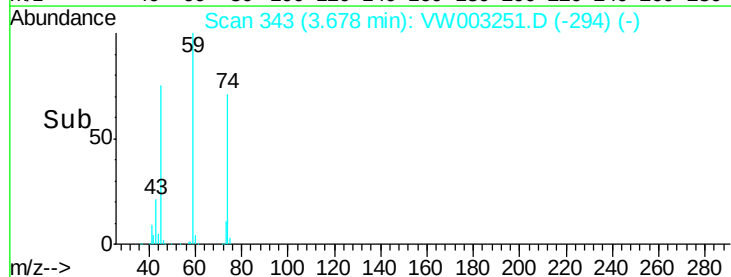
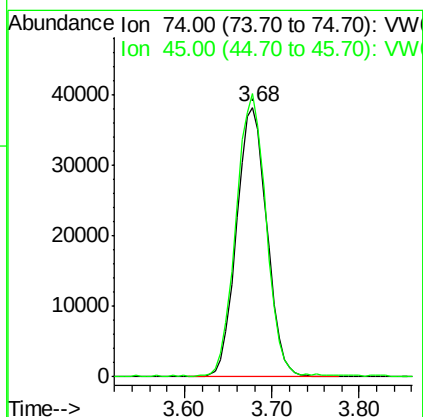
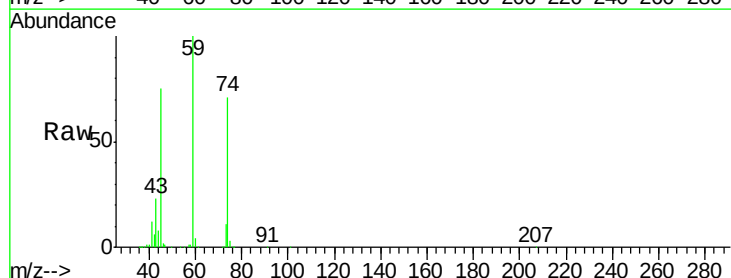
Tgt Ion: 101 Resp: 123194
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.4 80.0

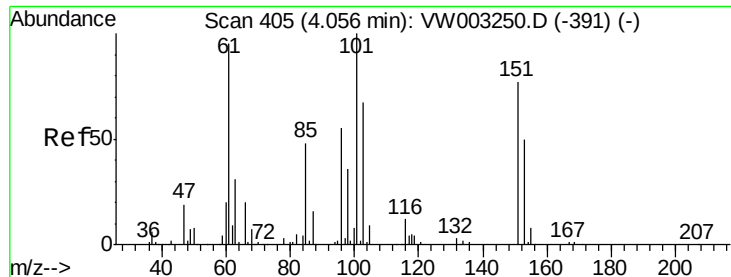


#8

Diethyl Ether
 Concen: 64.18 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 74 Resp: 92037
 Ion Ratio Lower Upper
 74 100
 45 103.3 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 70.38 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

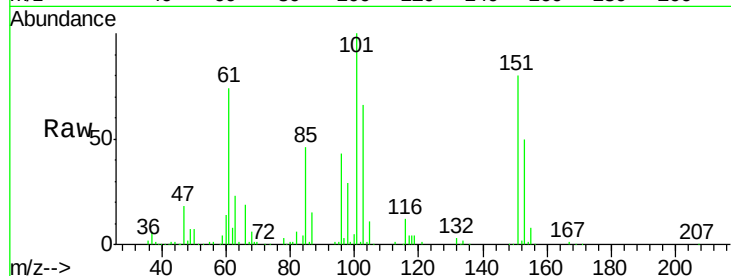
Tgt Ion:101 Resp: 171638

Ion Ratio Lower Upper

101 100

85 45.8 37.0 55.6

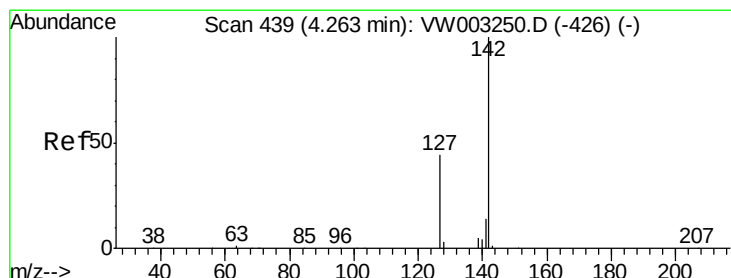
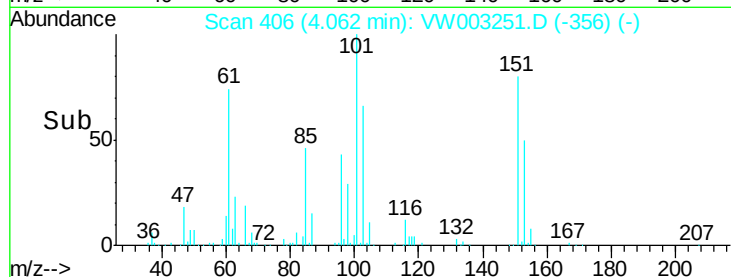
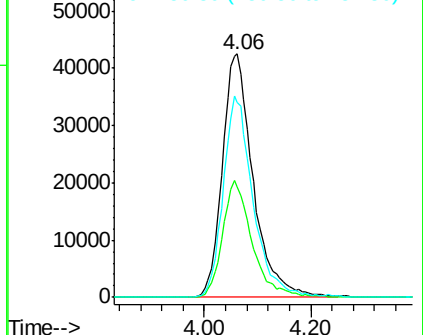
151 80.0 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 66.97 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

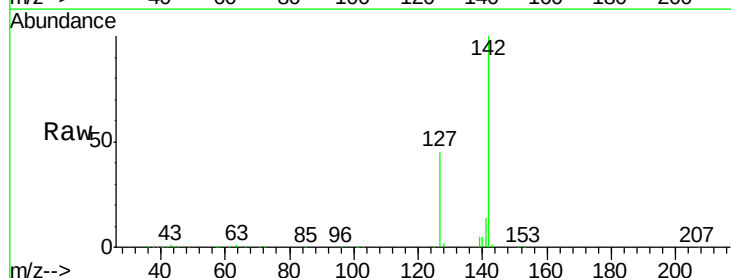
Tgt Ion:142 Resp: 267922

Ion Ratio Lower Upper

142 100

127 45.3 36.5 54.7

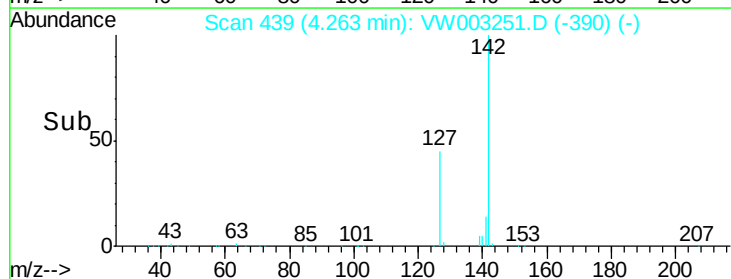
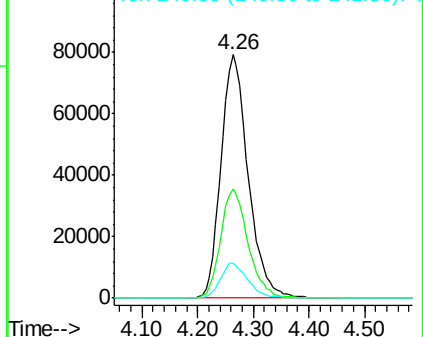
141 14.5 12.1 18.1

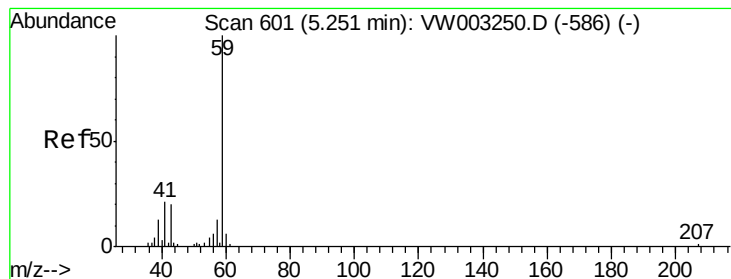


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 341.71 ug/l

RT: 5.24 min Scan# 599

Delta R.T. -0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

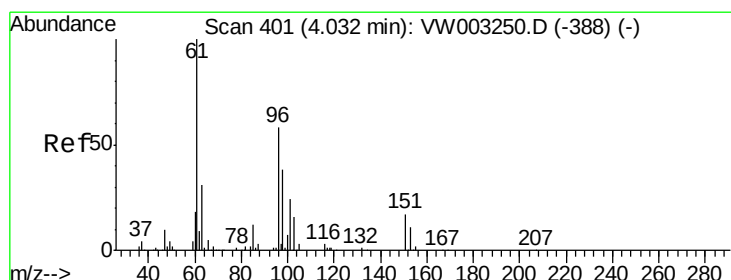
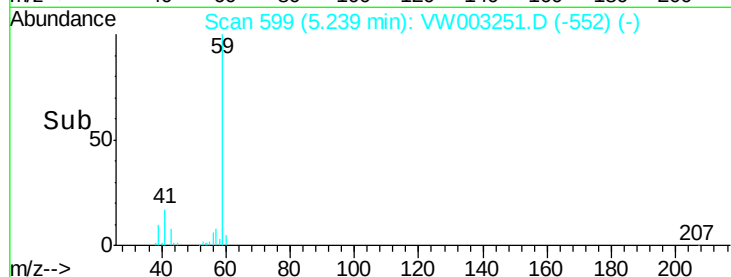
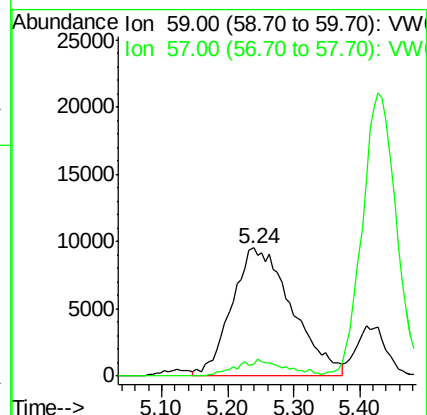
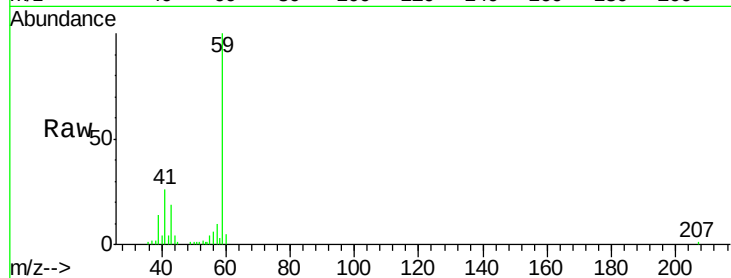
VSTDIC075

Tgt Ion: 59 Resp: 60289

Ion Ratio Lower Upper

59 100

57 10.7 4.2 6.2#



#12

1,1-Dichloroethene

Concen: 67.95 ug/l

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

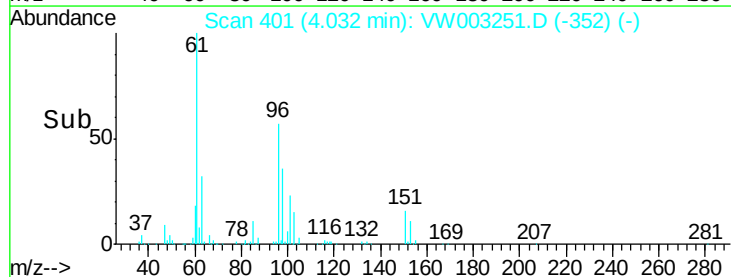
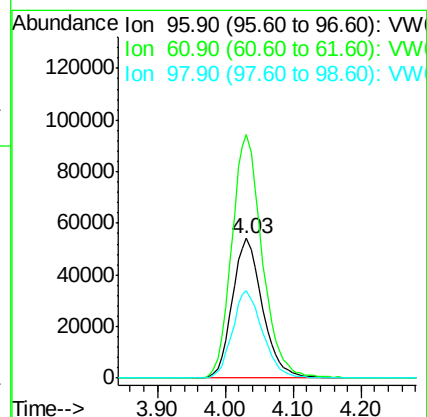
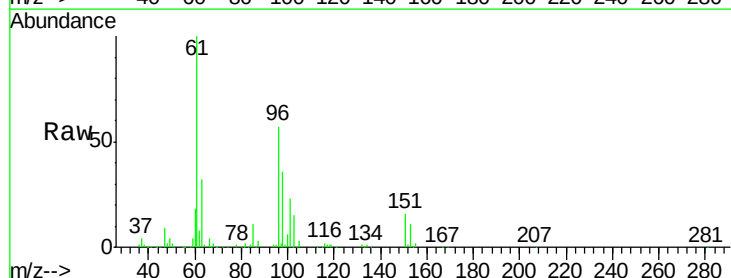
Tgt Ion: 96 Resp: 166877

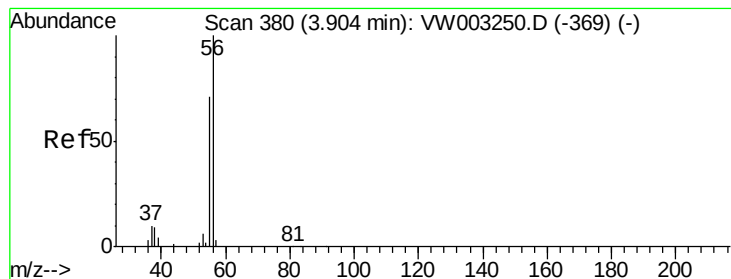
Ion Ratio Lower Upper

96 100

61 174.2 139.0 208.4

98 62.8 53.3 79.9





#13

Acrolein

Concen: 412.09 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

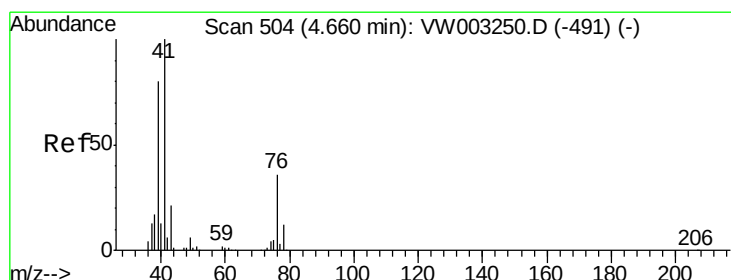
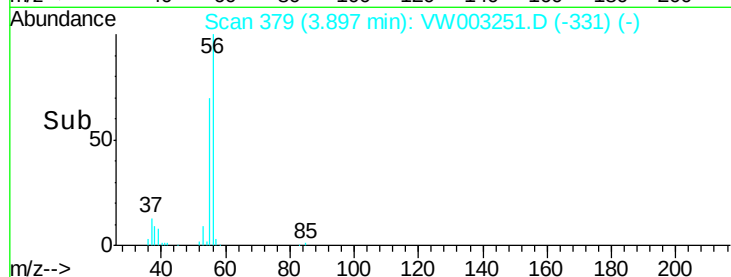
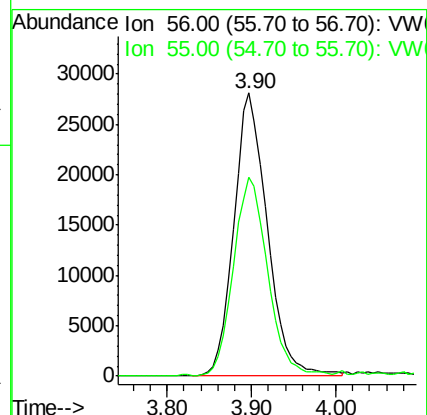
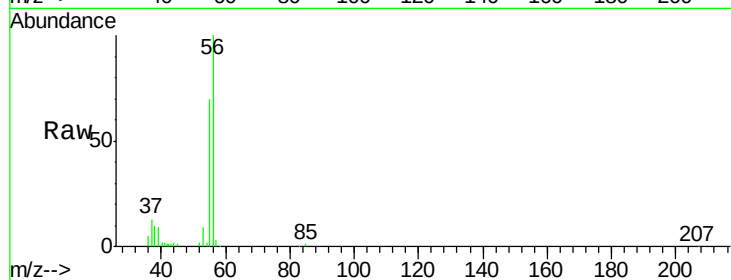
VSTDIC075

Tgt Ion: 56 Resp: 75852

Ion Ratio Lower Upper

56 100

55 71.0 55.4 83.2



#14

Allyl chloride

Concen: 73.44 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

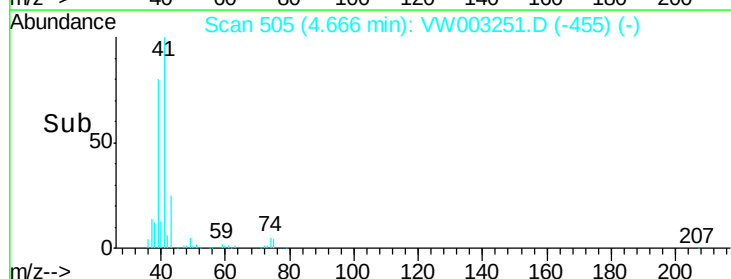
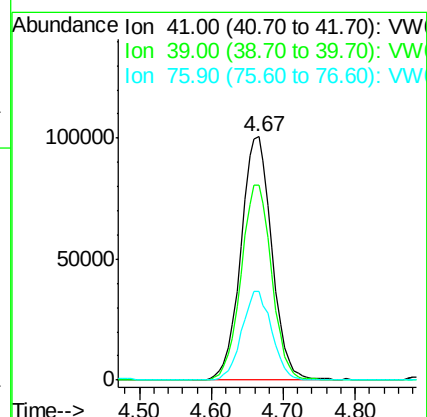
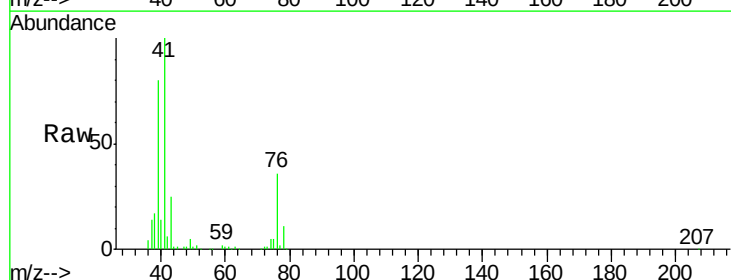
Tgt Ion: 41 Resp: 299162

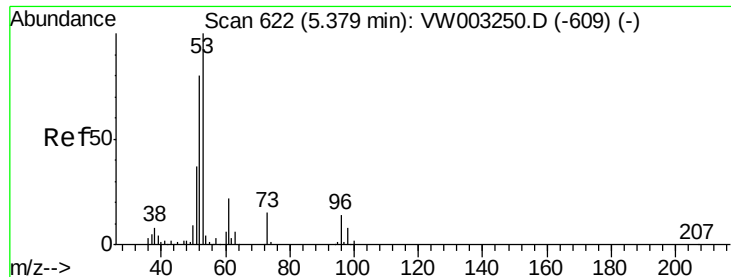
Ion Ratio Lower Upper

41 100

39 79.4 63.2 94.8

76 35.6 28.0 42.0





#15

Acrylonitrile

Concen: 351.56 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

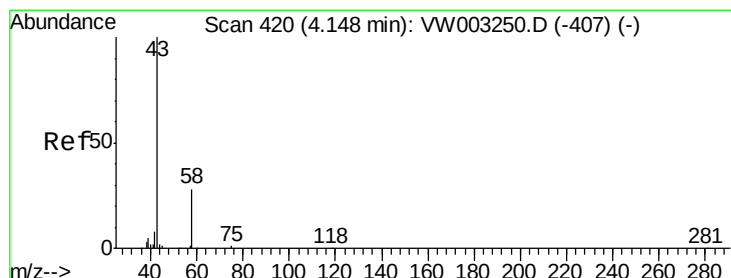
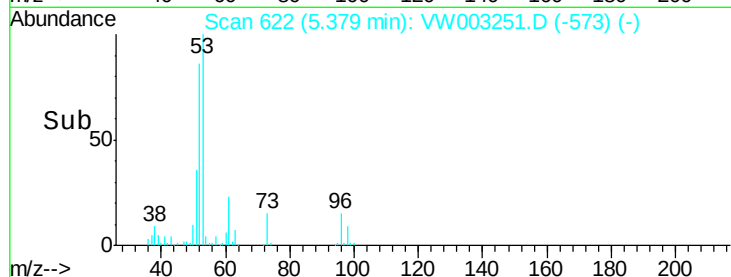
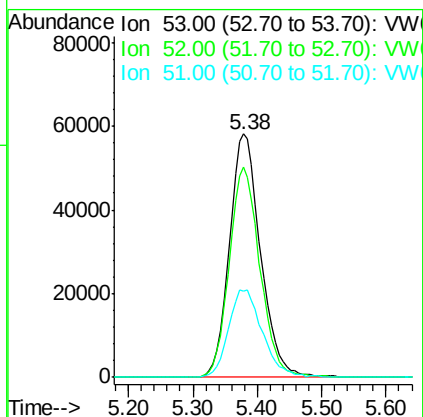
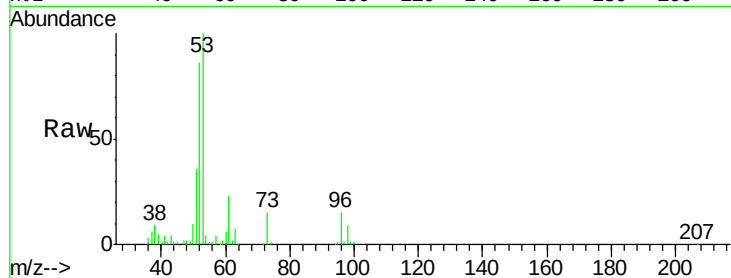
Tgt Ion: 53 Resp: 195083

Ion Ratio Lower Upper

53 100

52 85.8 66.6 100.0

51 38.9 30.6 46.0



#16

Acetone

Concen: 386.71 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW003251.D

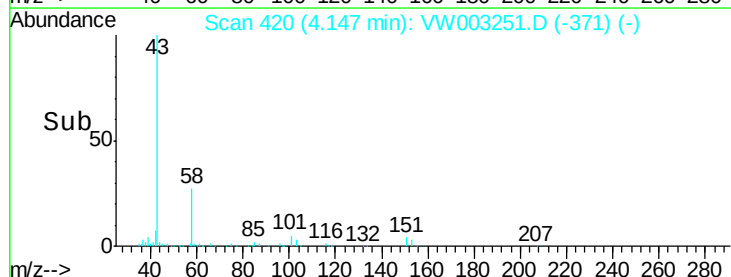
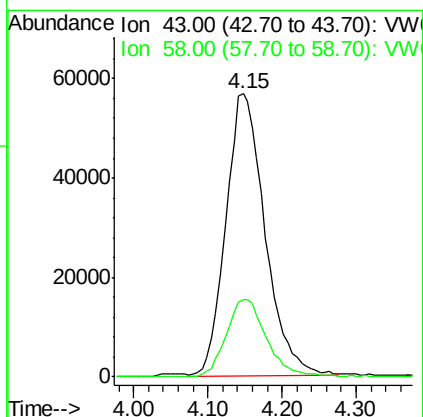
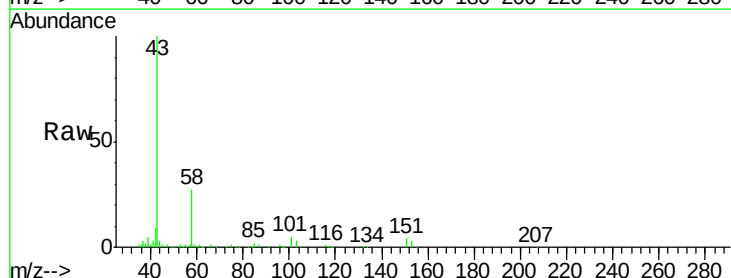
Acq: 13 Jun 2018 17:50

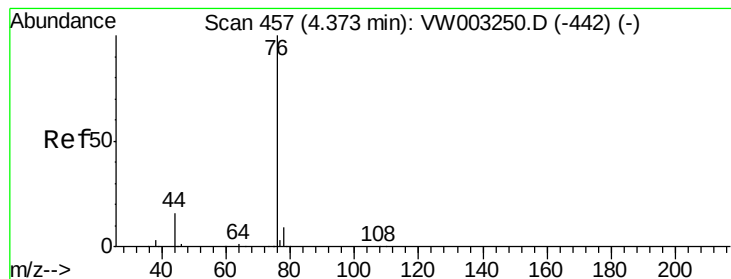
Tgt Ion: 43 Resp: 208071

Ion Ratio Lower Upper

43 100

58 27.1 22.6 34.0





#17

Carbon Disulfide

Concen: 66.75 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

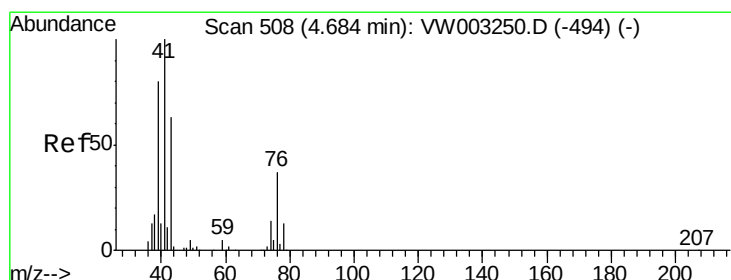
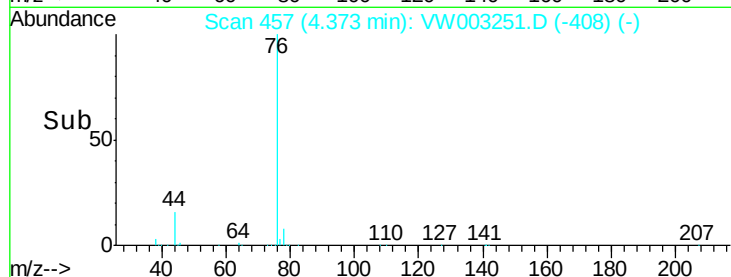
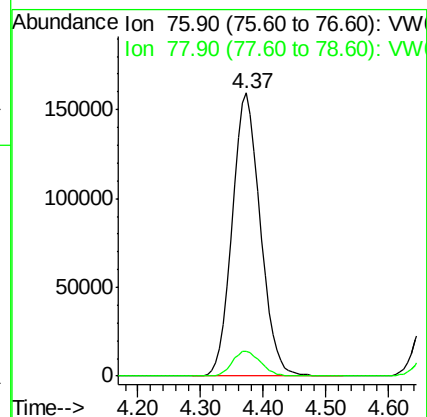
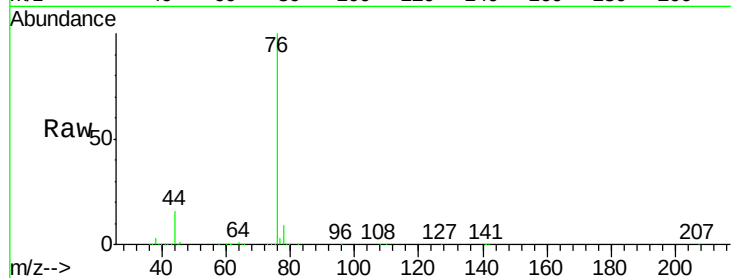
VSTDIC075

Tgt Ion: 76 Resp: 494522

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 73.12 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003251.D

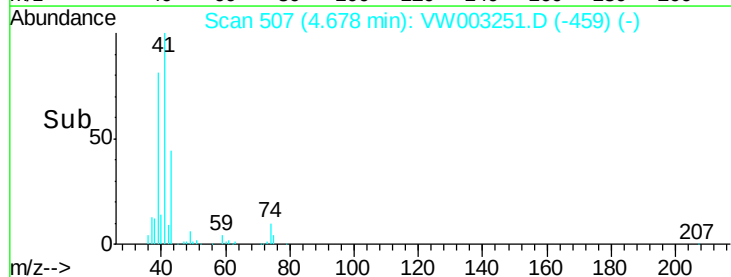
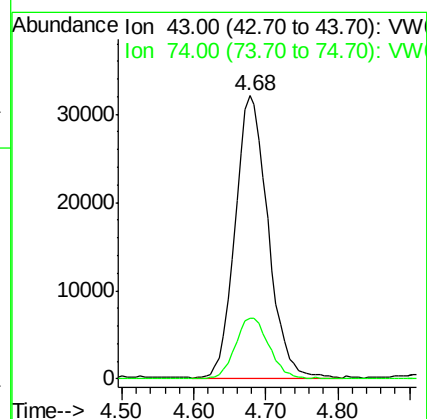
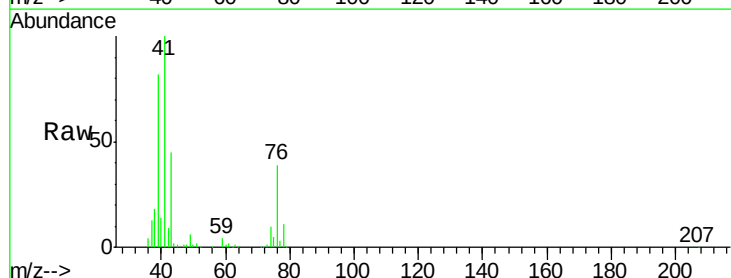
Acq: 13 Jun 2018 17:50

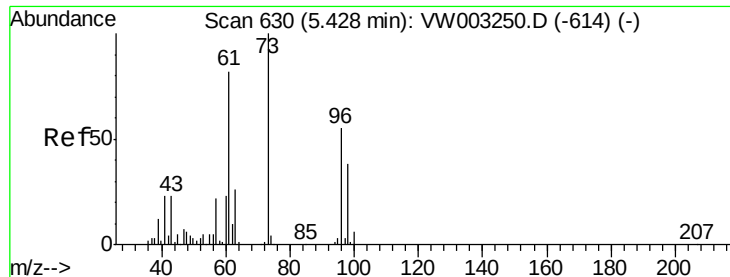
Tgt Ion: 43 Resp: 101272

Ion Ratio Lower Upper

43 100

74 22.4 18.7 28.1

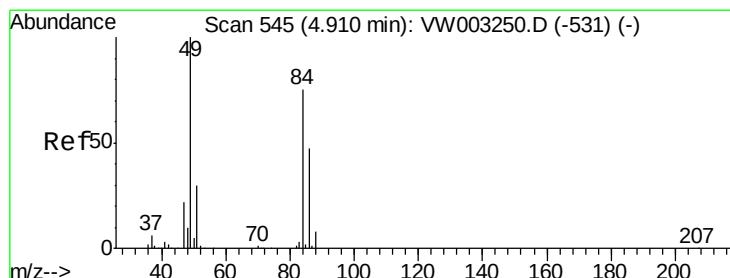
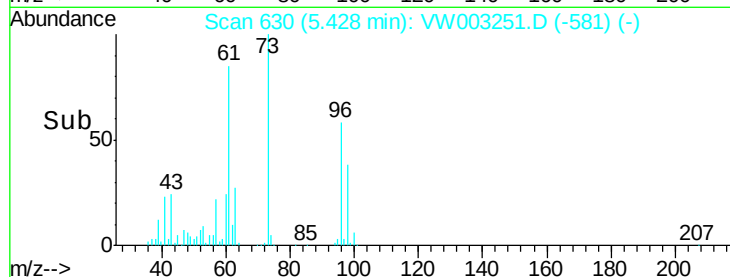
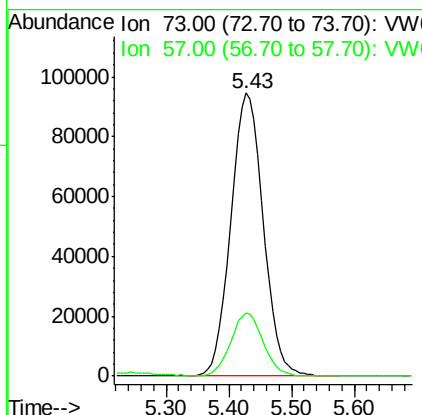
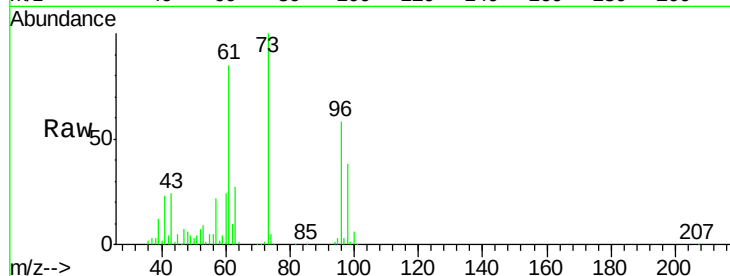




#19
Methyl tert-butyl Ether
Concen: 73.38 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

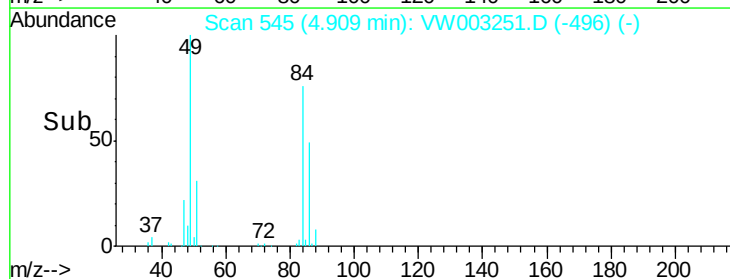
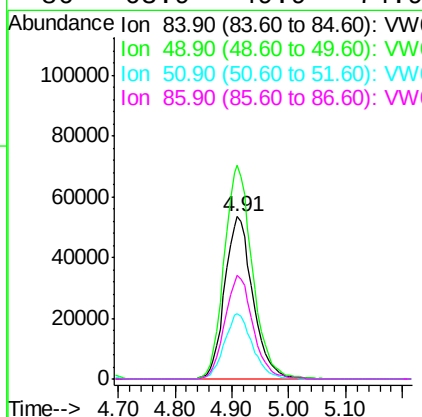
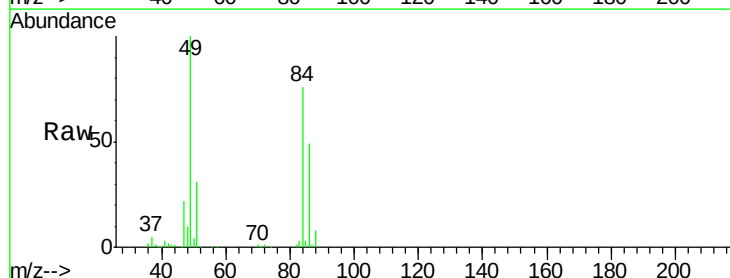
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

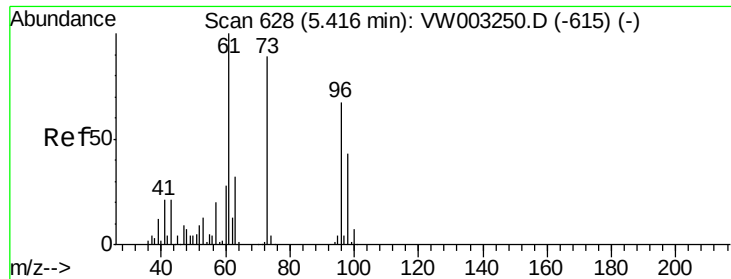
Tgt Ion: 73 Resp: 338938
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 67.56 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 84 Resp: 183908
Ion Ratio Lower Upper
84 100
49 131.8 106.3 159.5
51 40.5 32.0 48.0
86 63.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 69.60 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

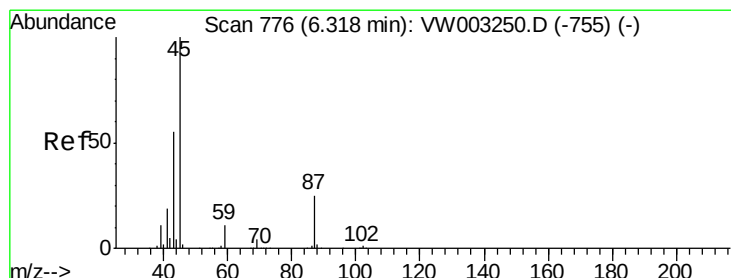
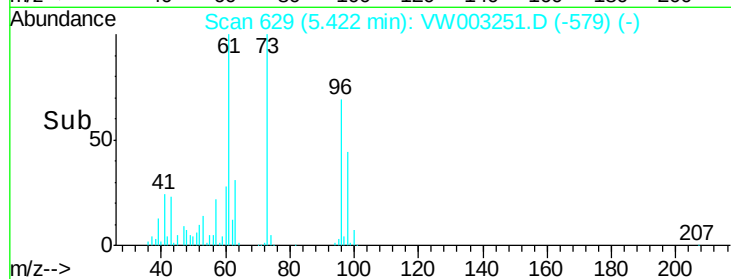
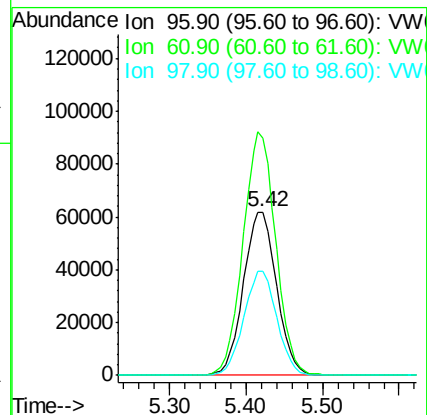
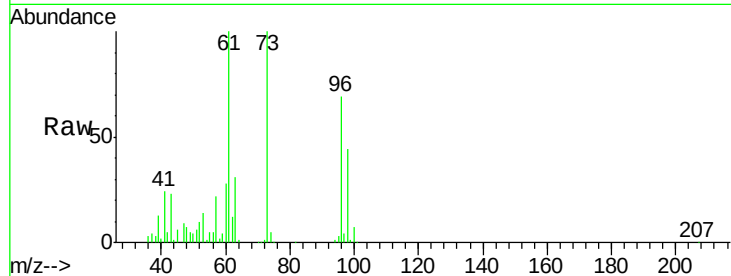
Tgt Ion: 96 Resp: 186228

Ion Ratio Lower Upper

96 100

61 145.2 118.7 178.1

98 63.4 51.0 76.6



#22

Diisopropyl ether

Concen: 76.04 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt Ion: 45 Resp: 631497

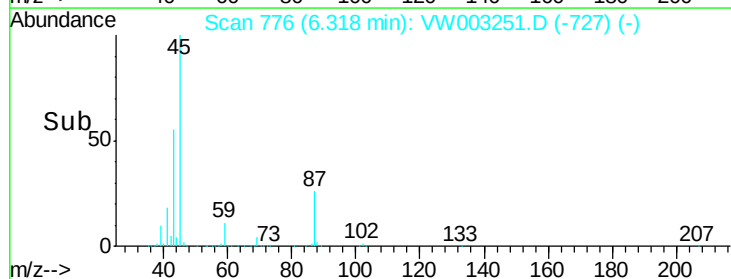
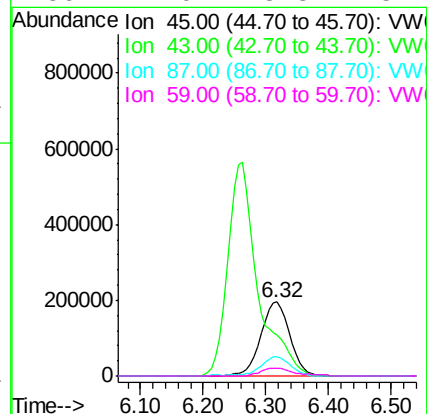
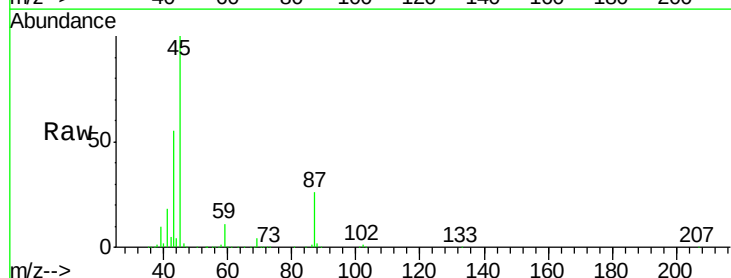
Ion Ratio Lower Upper

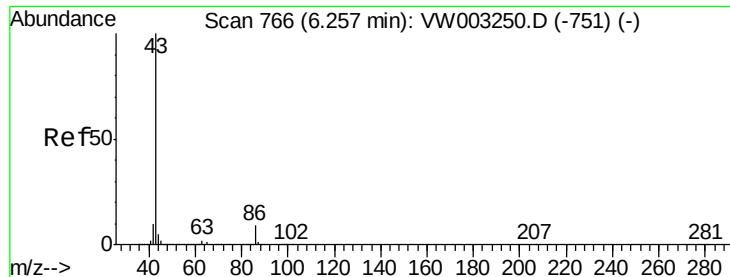
45 100

43 54.5 44.0 66.0

87 26.3 20.6 31.0

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 382.09 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

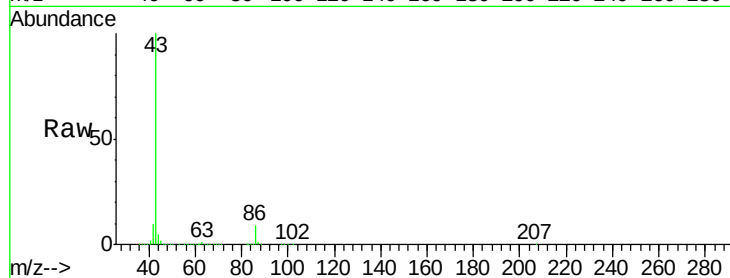
VSTDIC075

Tgt Ion: 43 Resp: 1867847

Ion Ratio Lower Upper

43 100

86 9.4 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

600000

500000

400000

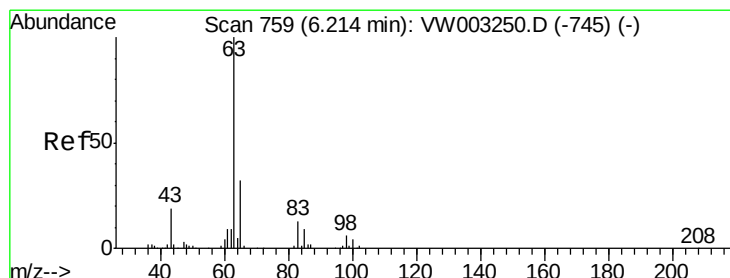
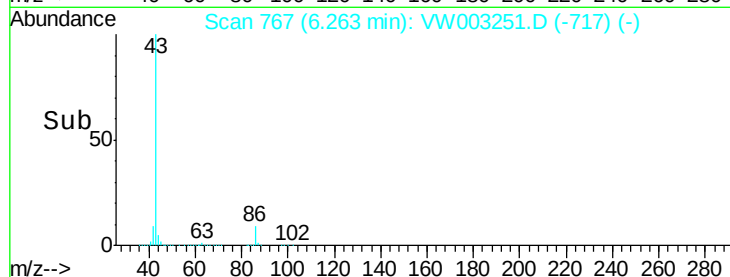
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 73.21 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

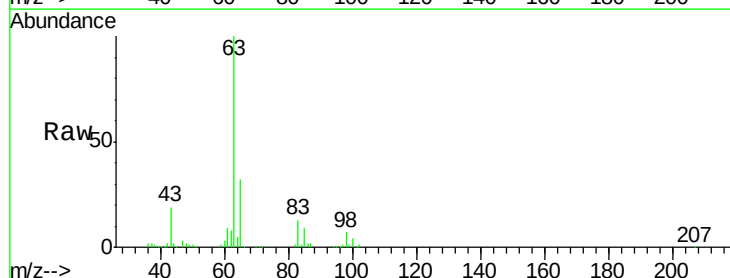
Tgt Ion: 63 Resp: 358289

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

100 3.9 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

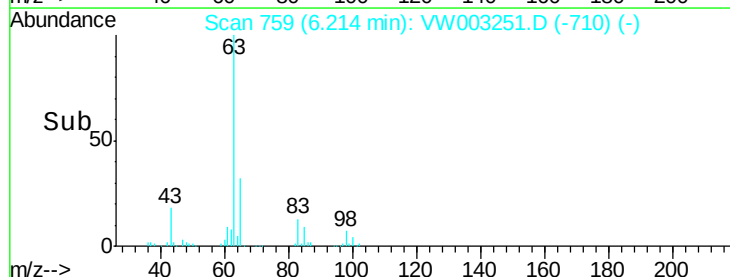
150000

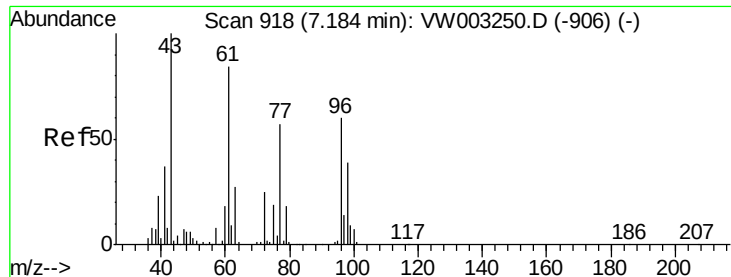
100000

50000

0

Time-->





#25

2-Butanone

Concen: 377.65 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

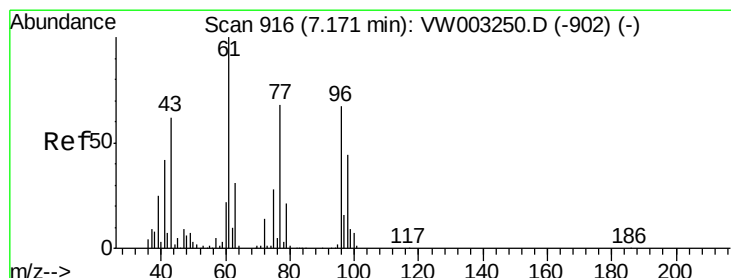
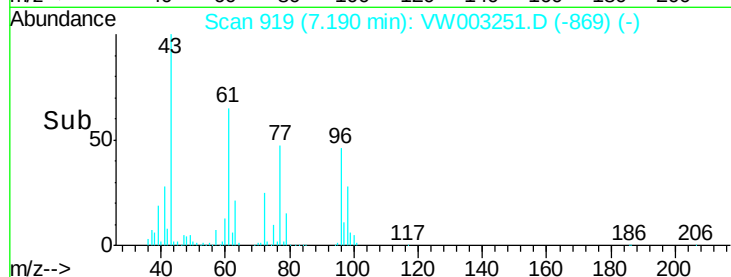
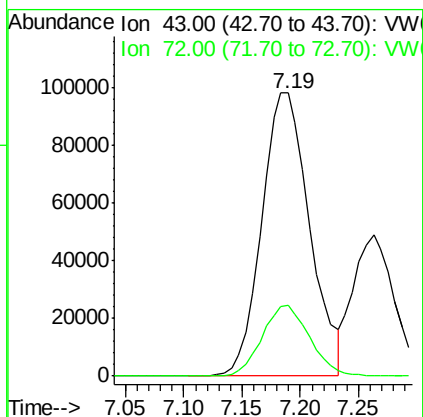
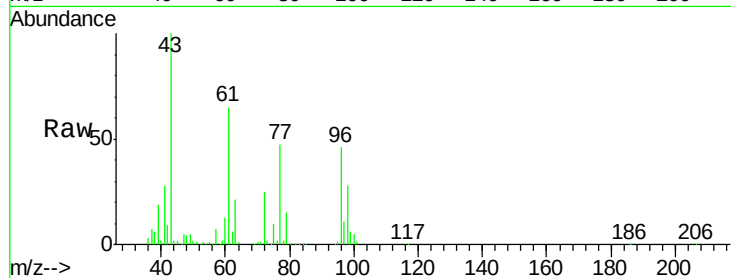
VSTDIC075

Tgt Ion: 43 Resp: 278703

Ion Ratio Lower Upper

43 100

72 24.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 76.67 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003251.D

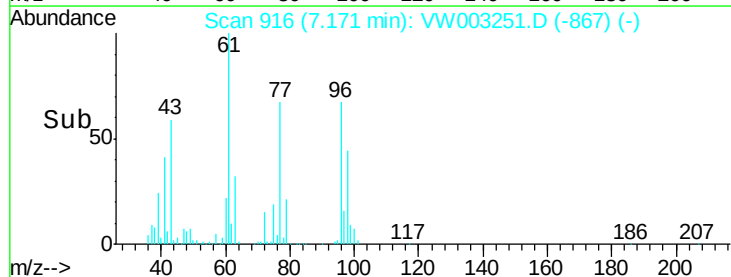
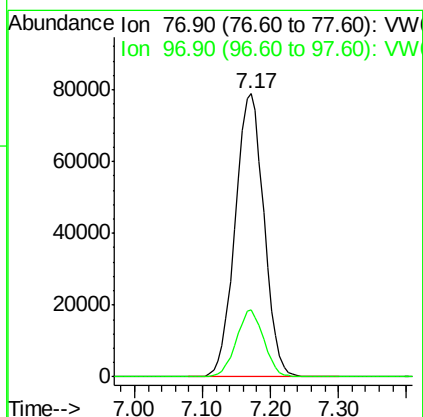
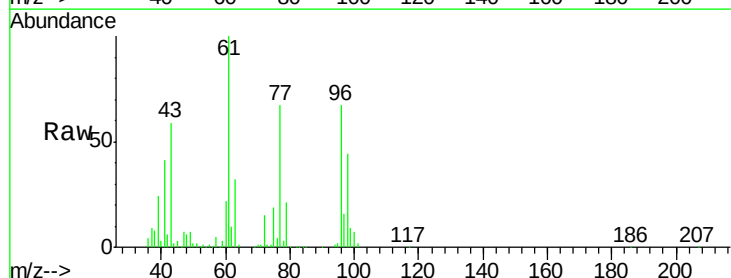
Acq: 13 Jun 2018 17:50

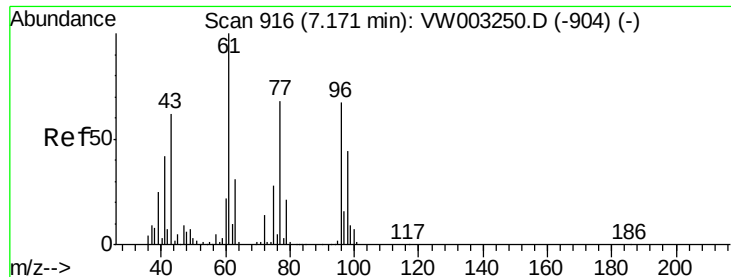
Tgt Ion: 77 Resp: 231388

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 71.41 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

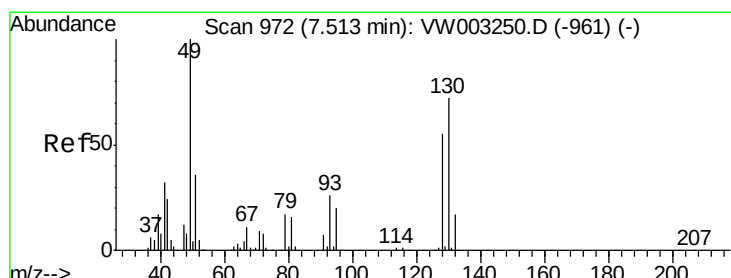
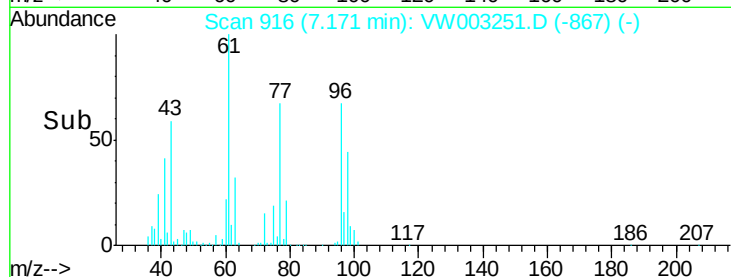
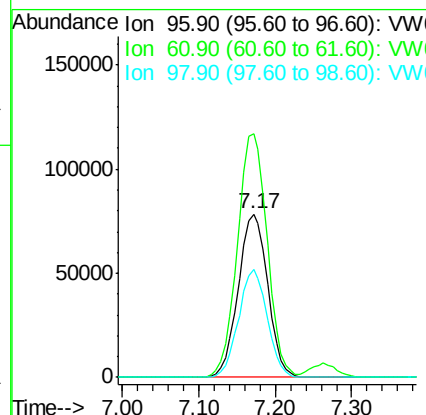
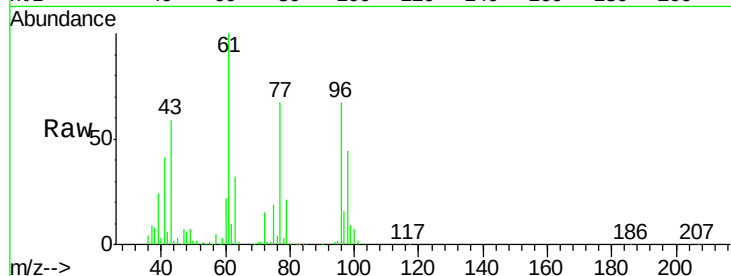
Tgt Ion: 96 Resp: 209862

Ion Ratio Lower Upper

96 100

61 150.1 0.0 298.8

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 82.04 ug/l

RT: 7.51 min Scan# 972

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

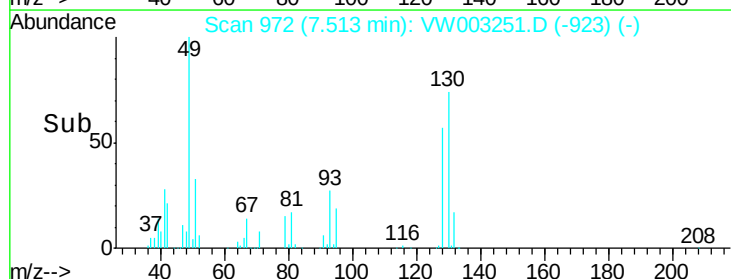
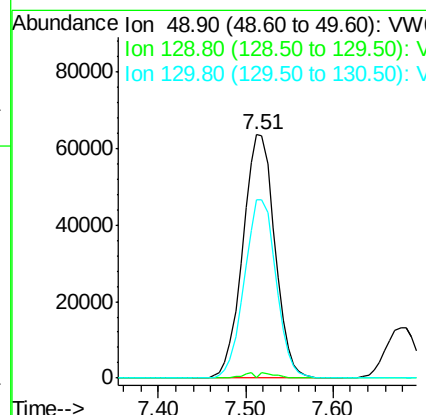
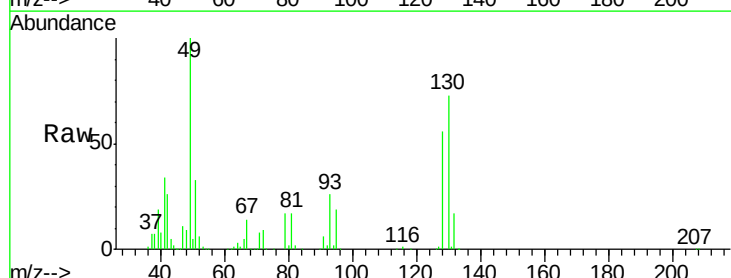
Tgt Ion: 49 Resp: 162027

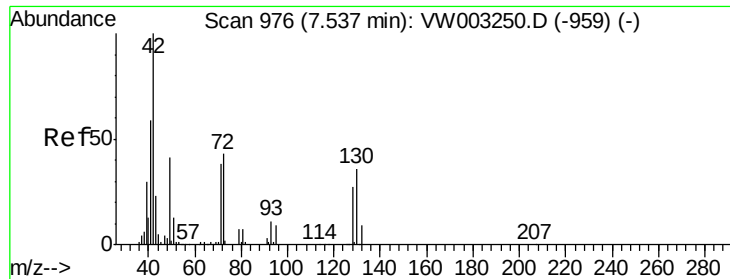
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.6

130 72.8 59.4 89.2





#29

Tetrahydrofuran

Concen: 362.99 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

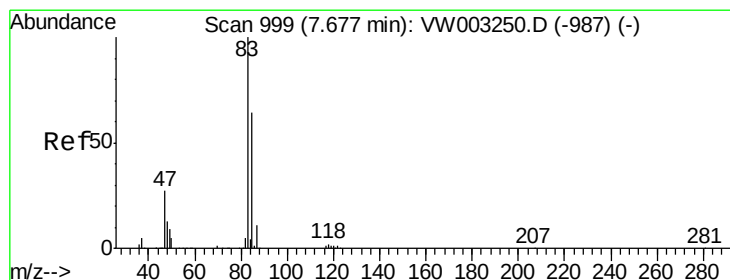
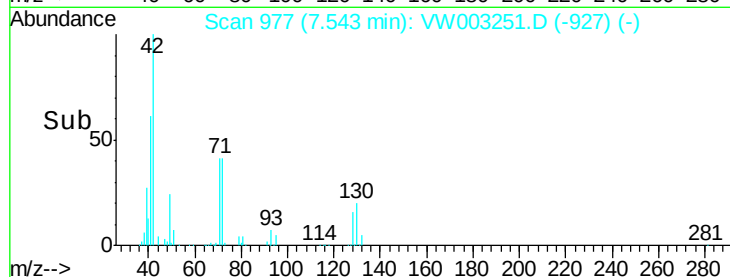
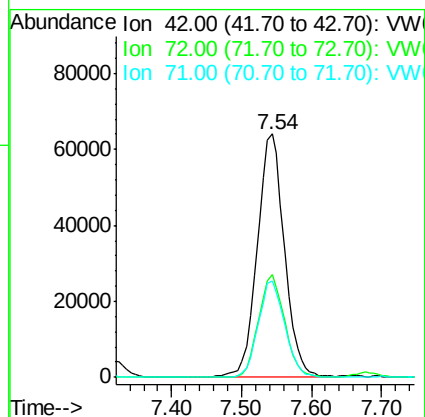
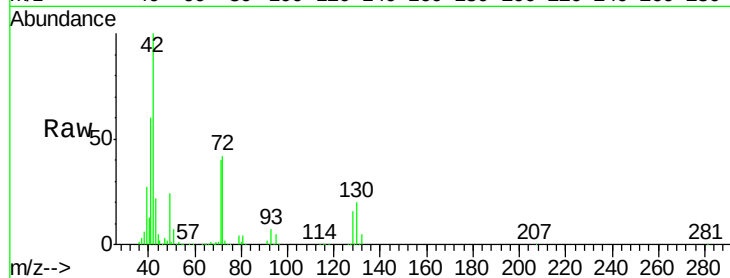
Tgt Ion: 42 Resp: 172765

Ion Ratio Lower Upper

42 100

72 40.8 32.4 48.6

71 38.8 31.2 46.8



#30

Chloroform

Concen: 72.89 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003251.D

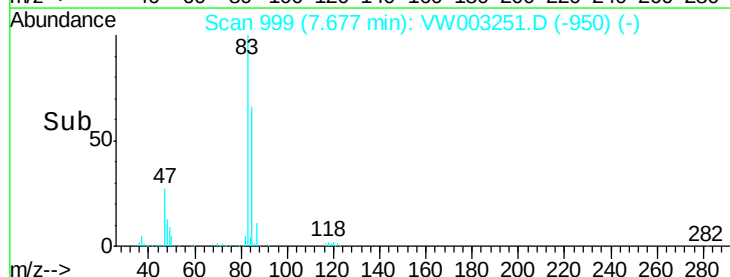
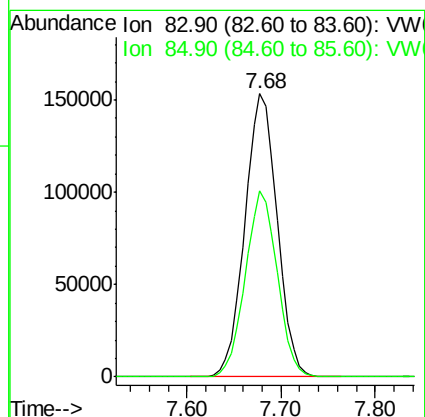
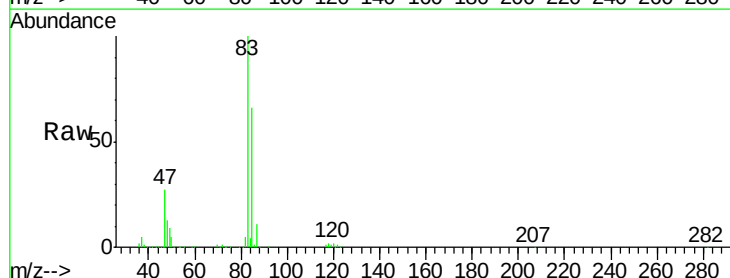
Acq: 13 Jun 2018 17:50

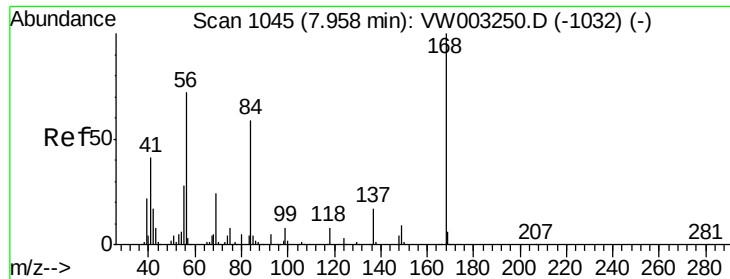
Tgt Ion: 83 Resp: 366696

Ion Ratio Lower Upper

83 100

85 65.9 51.3 76.9





#31

Cyclohexane

Concen: 66.65 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

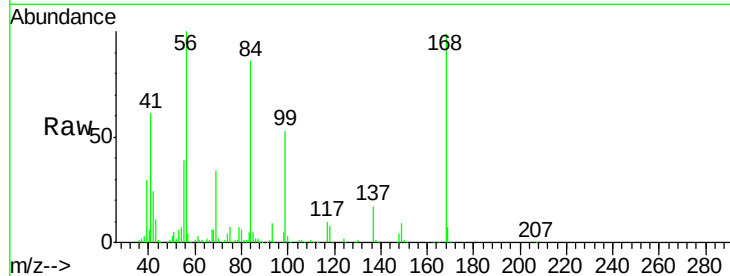
Tgt Ion: 56 Resp: 308047

Ion Ratio Lower Upper

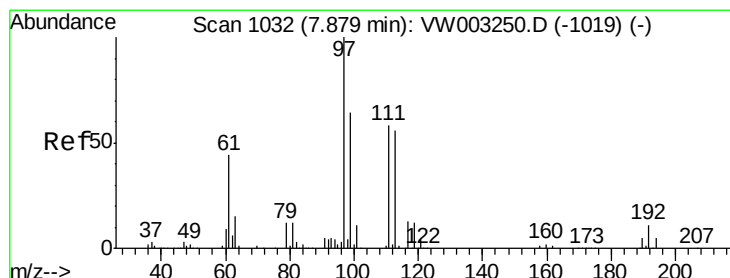
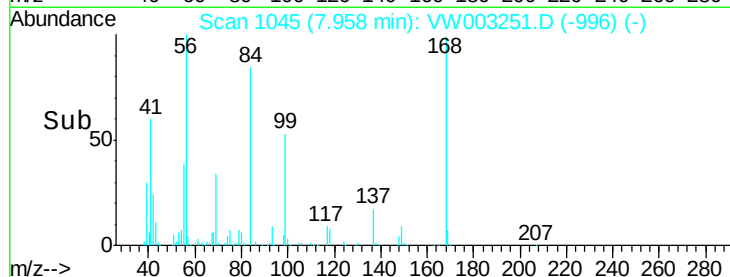
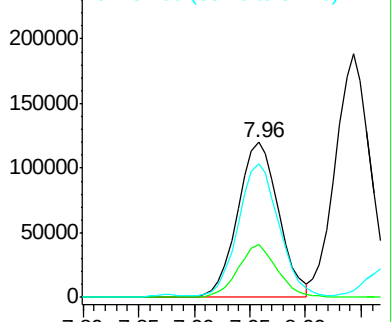
56 100

69 33.7 26.3 39.5

84 84.9 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: 73.85 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

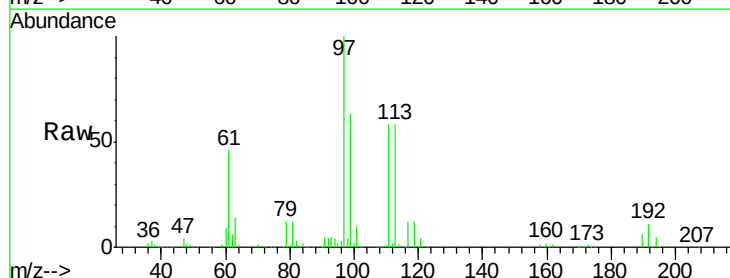
Tgt Ion: 97 Resp: 300967

Ion Ratio Lower Upper

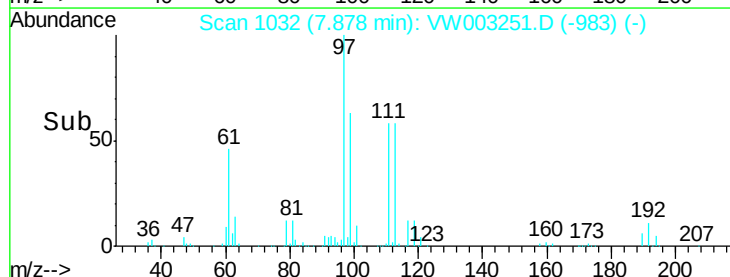
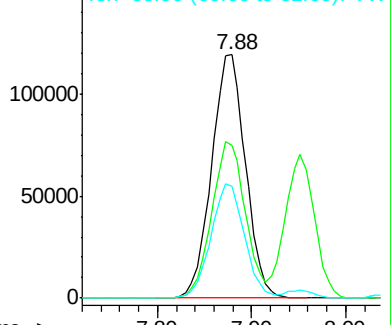
97 100

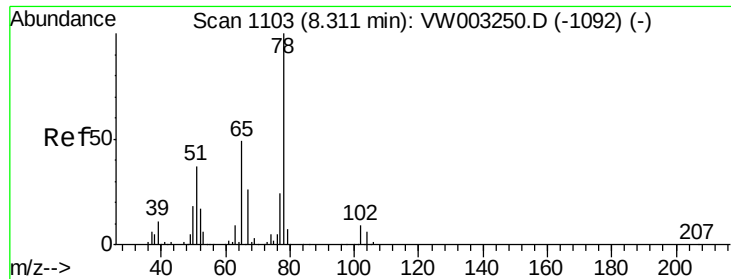
99 63.8 51.7 77.5

61 46.4 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

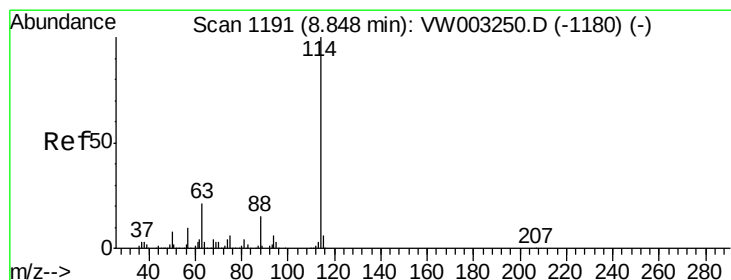
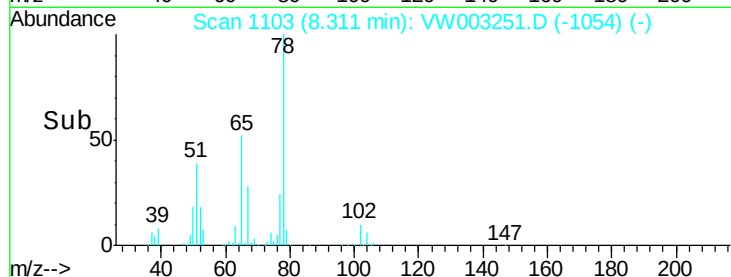
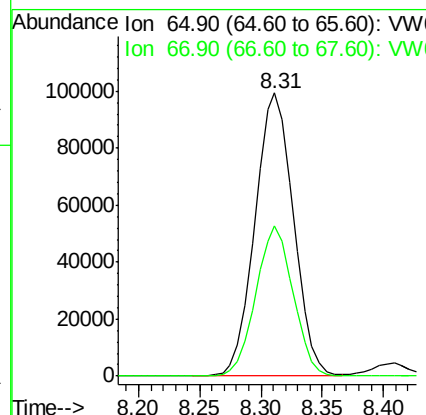
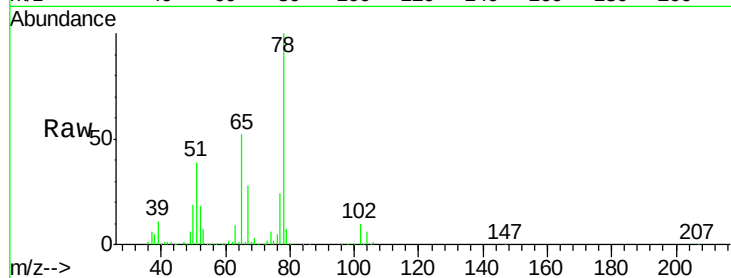




#33
 1,2-Dichloroethane-d4
 Concen: 80.92 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

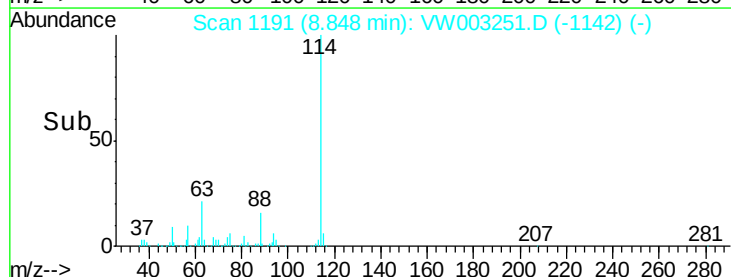
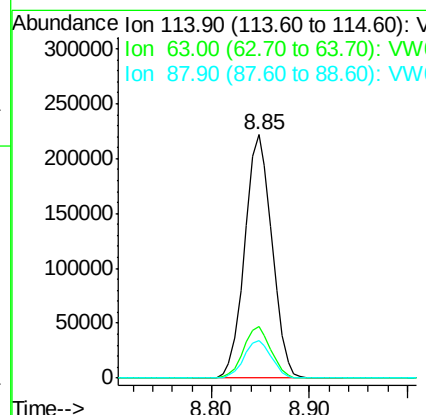
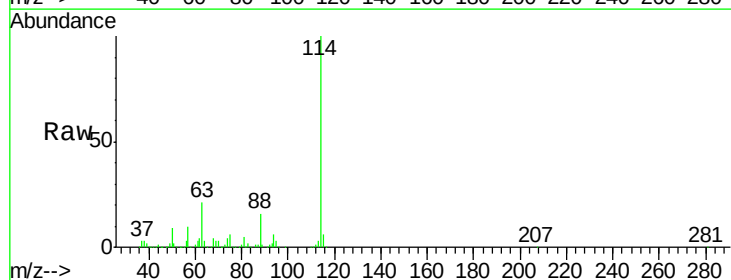
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

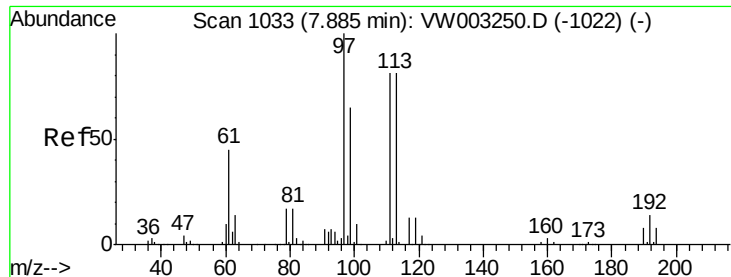
Tgt Ion: 65 Resp: 218110
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 114 Resp: 427520
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 15.7 0.0 29.6

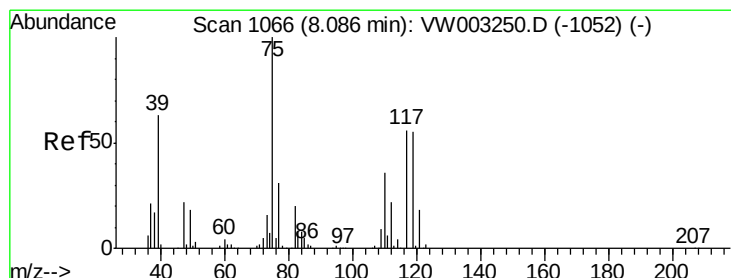
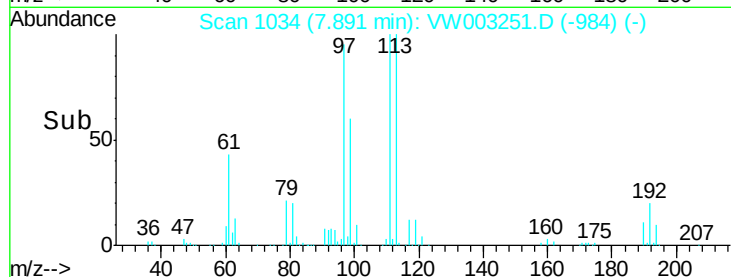
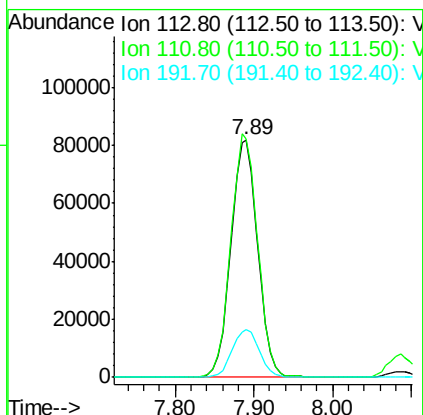
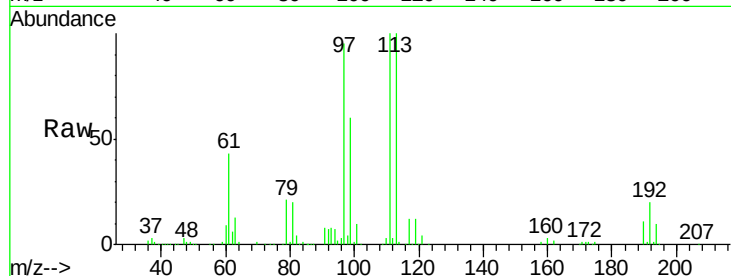




#35
 Dibromofluoromethane
 Concen: 76.60 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

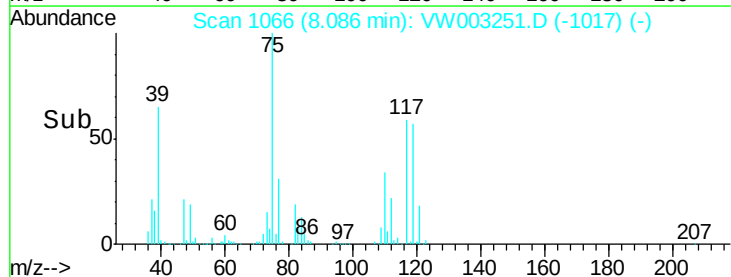
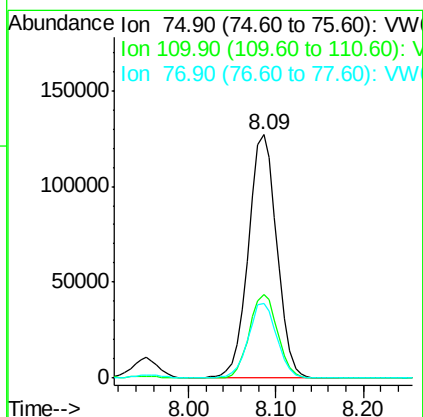
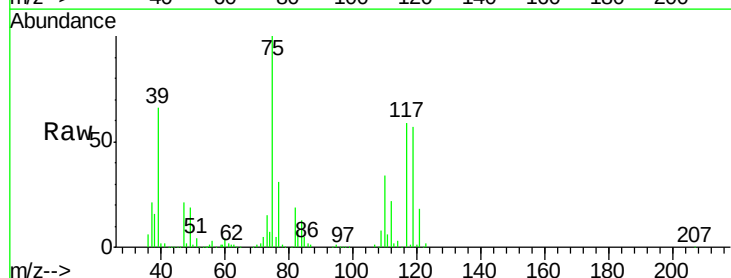
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

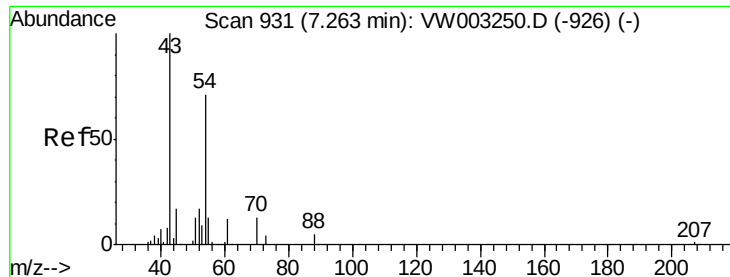
Tgt Ion:113 Resp: 193384
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 20.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 71.09 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 75 Resp: 285615
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.1 51.3
 77 31.1 24.9 37.3

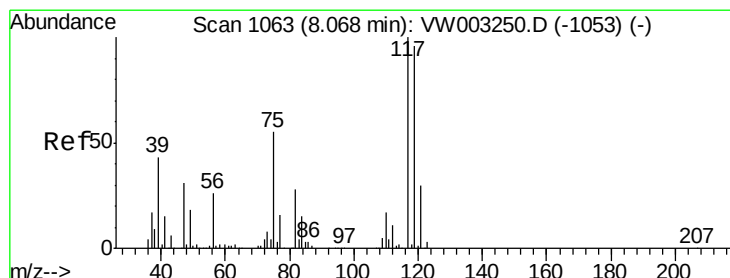
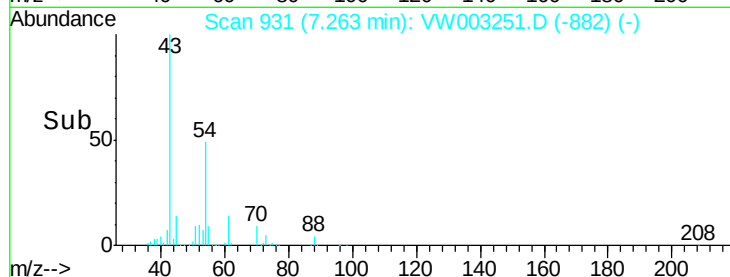
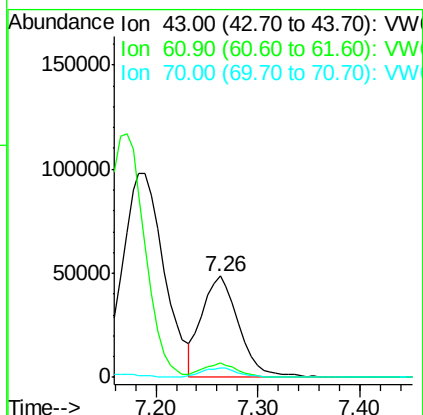
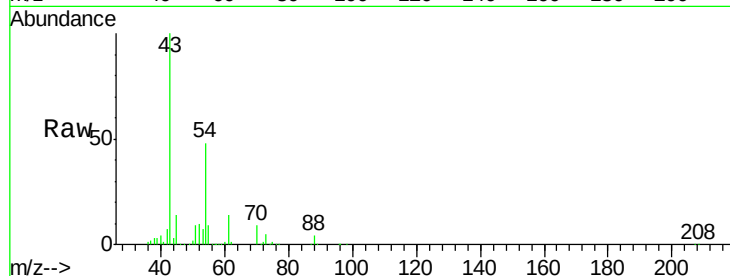




#37
Ethyl Acetate
Concen: 69.08 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

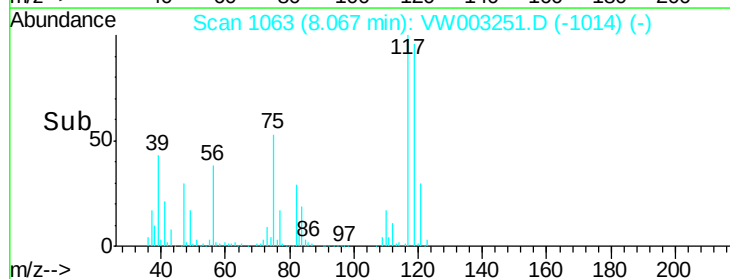
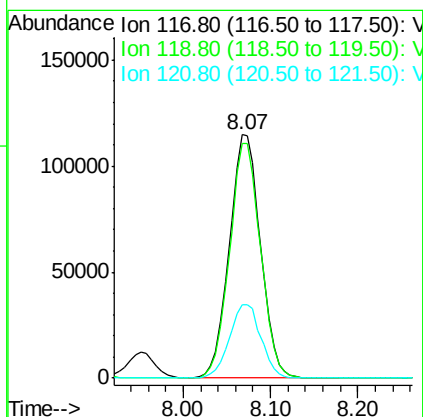
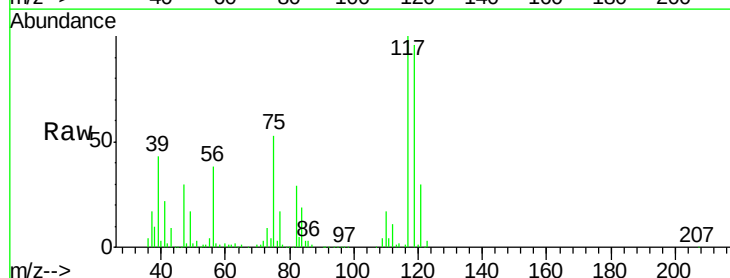
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

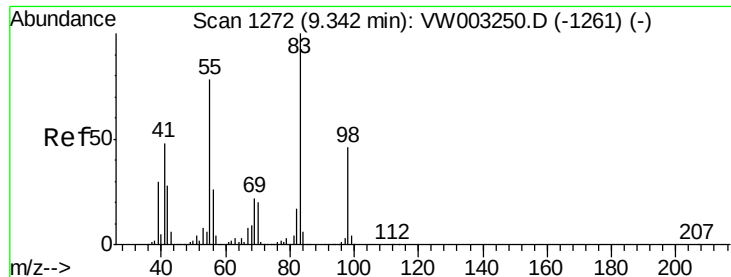
Tgt Ion: 43 Resp: 121978
Ion Ratio Lower Upper
43 100
61 12.6 10.8 16.2
70 9.2 7.8 11.6



#38
Carbon Tetrachloride
Concen: 72.26 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 117 Resp: 283367
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0
121 30.2 23.9 35.9

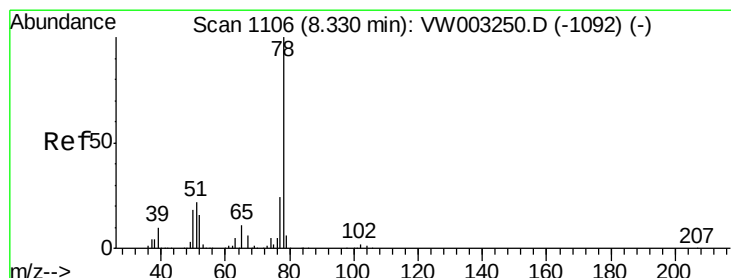
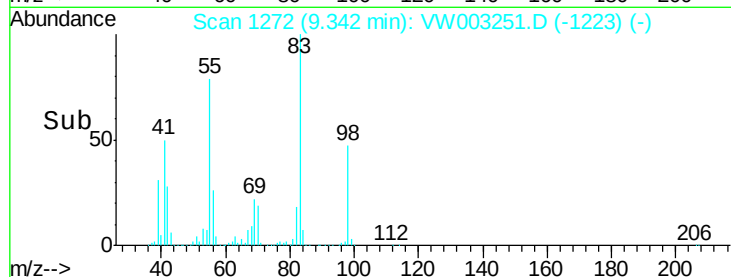
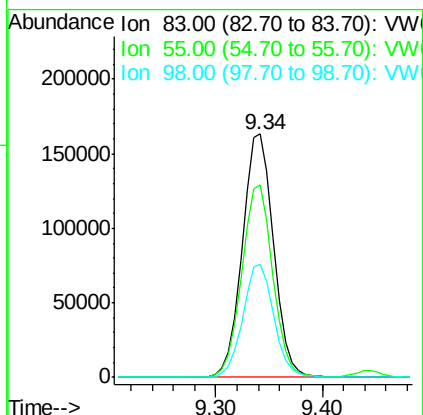
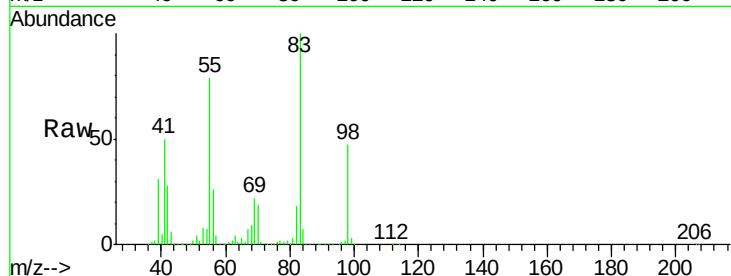




#39
Methylcyclohexane
Concen: 70.74 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

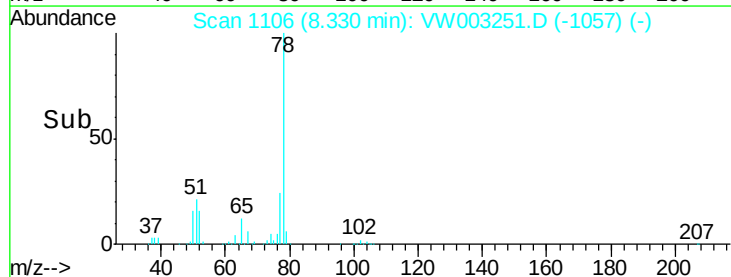
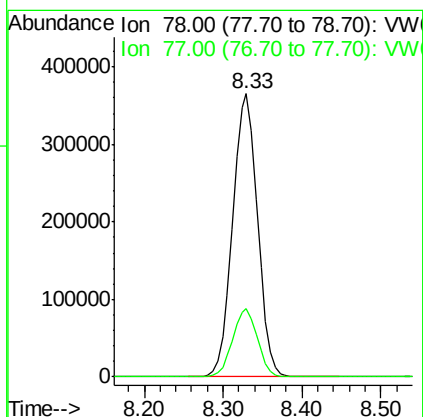
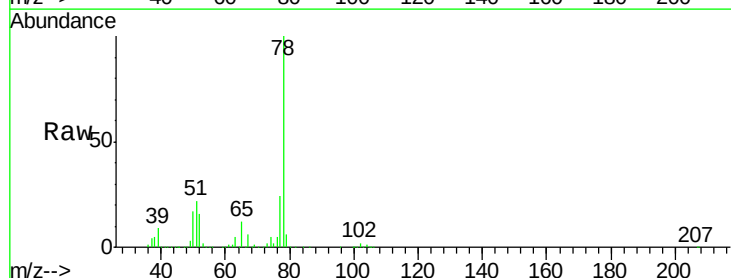
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

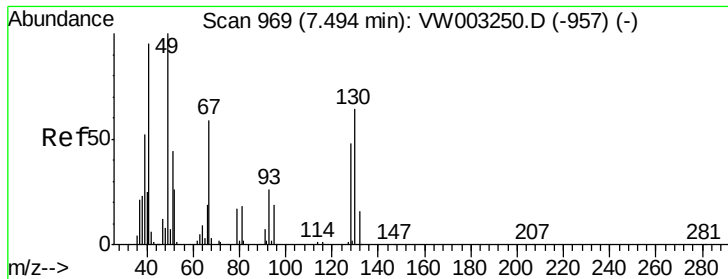
Tgt Ion: 83 Resp: 336712
Ion Ratio Lower Upper
83 100
55 79.1 62.6 93.8
98 46.7 37.0 55.4



#40
Benzene
Concen: 71.03 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 78 Resp: 799108
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

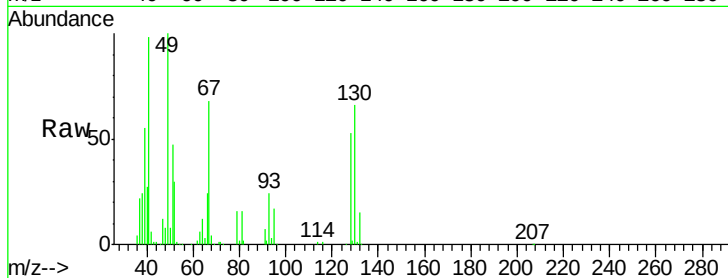




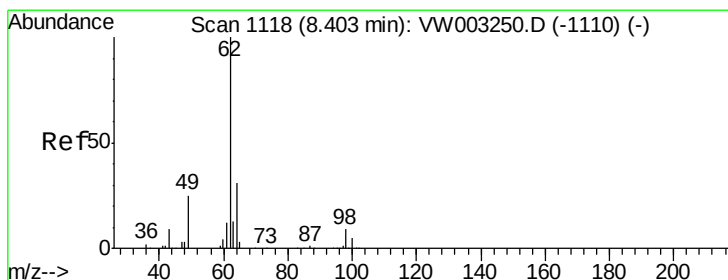
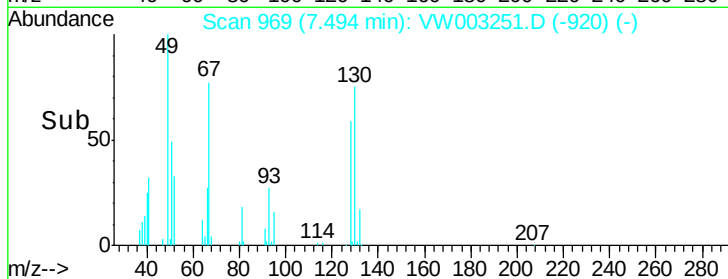
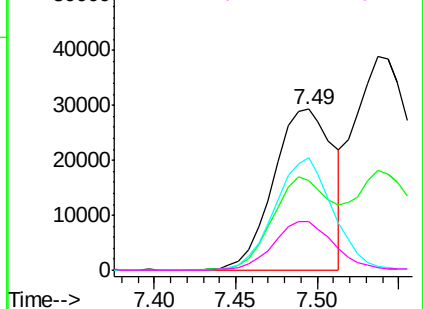
#41
Methacrylonitrile
Concen: 73.98 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	74913
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.8
67	67.7	52.3	78.5
52	30.7	24.1	36.1

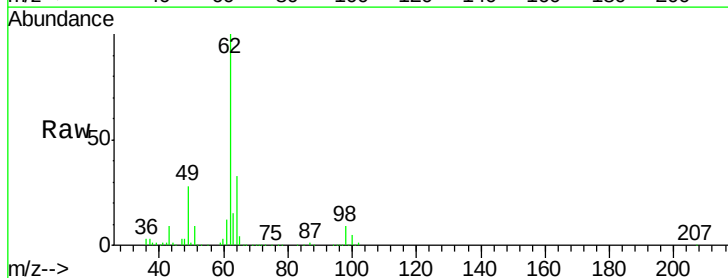


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

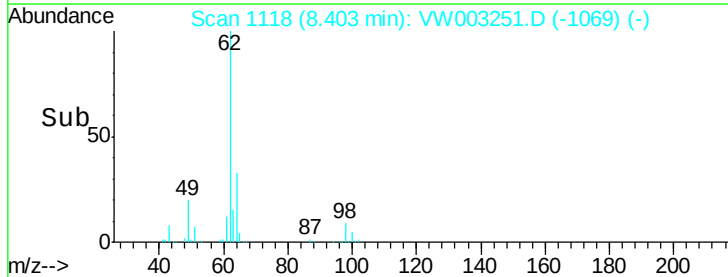
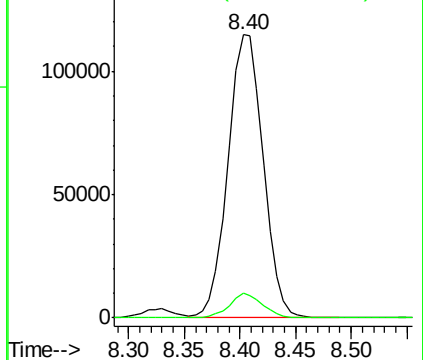


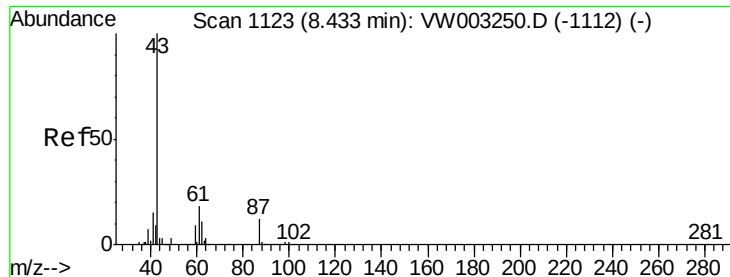
#42
1,2-Dichloroethane
Concen: 71.80 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion:	62	Resp:	251147
Ion	Ratio	Lower	Upper
62	100		
98	8.2	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: 72.07 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

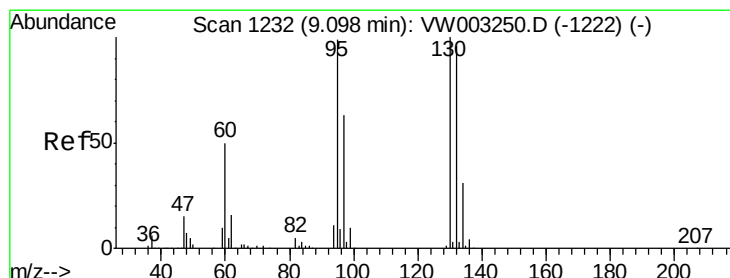
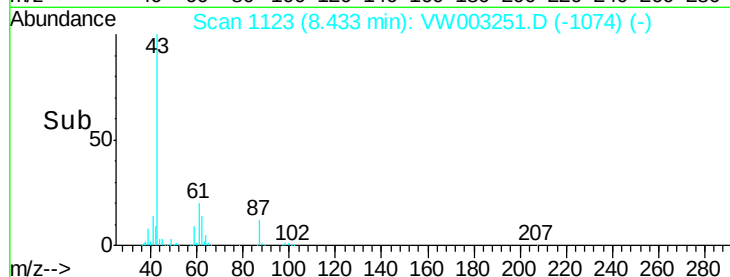
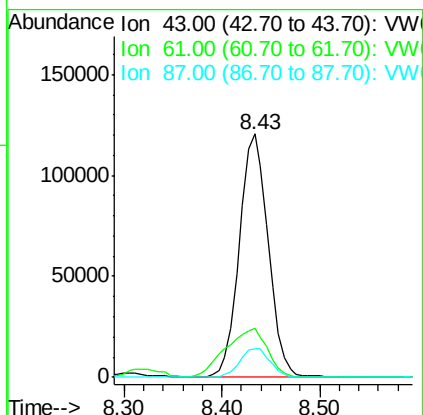
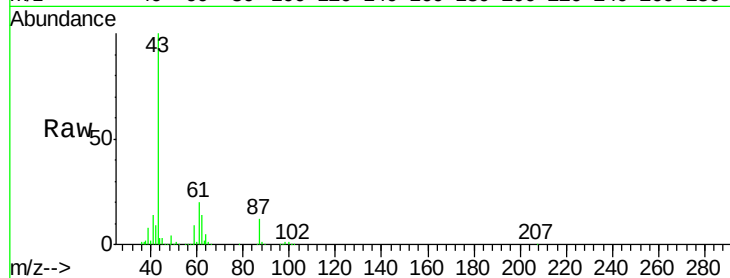
Tgt Ion: 43 Resp: 246089

Ion Ratio Lower Upper

43 100

61 29.1 23.1 34.7

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 69.17 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW003251.D

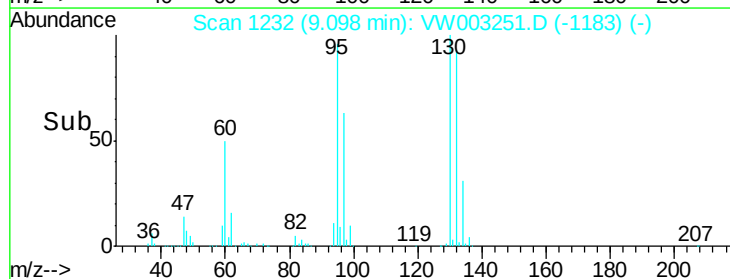
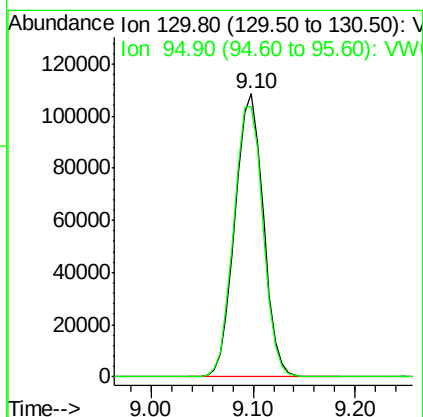
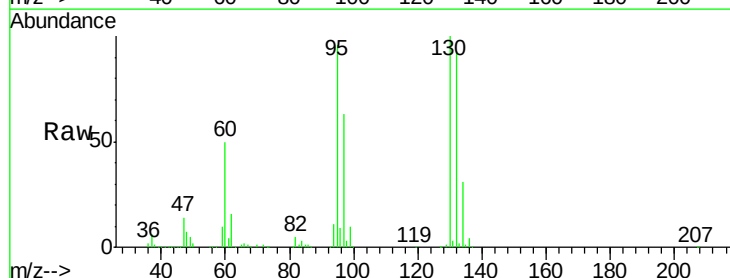
Acq: 13 Jun 2018 17:50

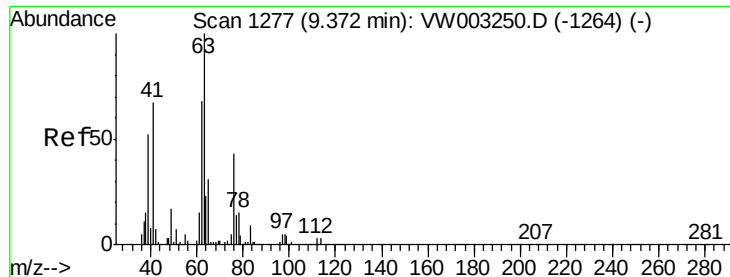
Tgt Ion: 130 Resp: 209421

Ion Ratio Lower Upper

130 100

95 95.6 0.0 198.0

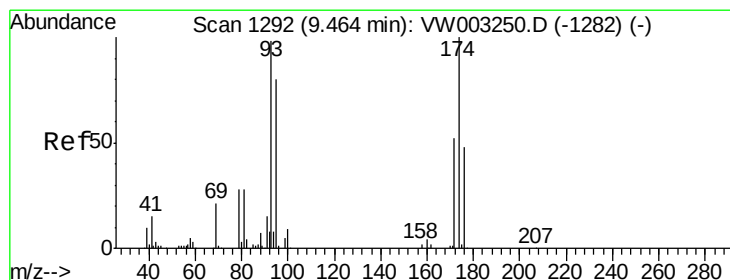
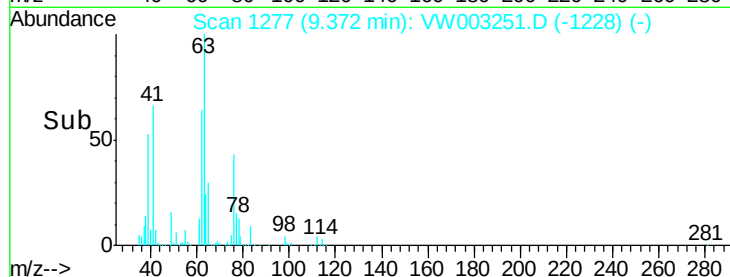
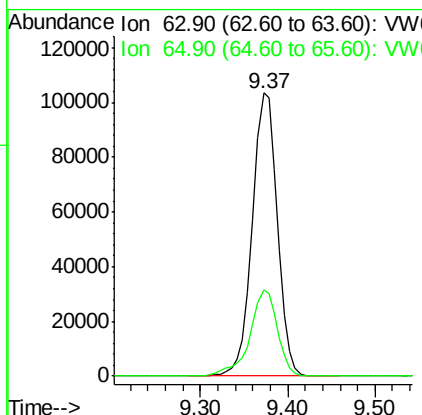
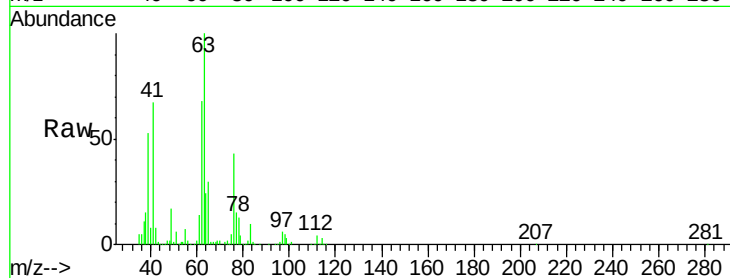




#45
 1,2-Dichloropropane
 Concen: 72.75 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

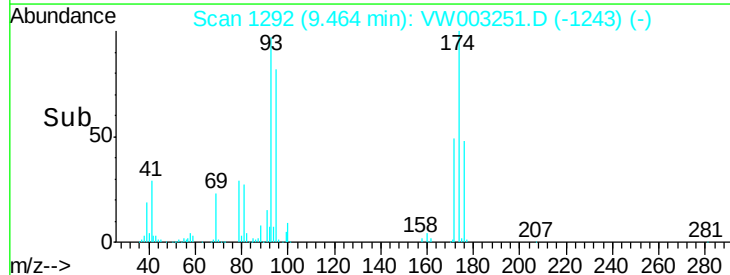
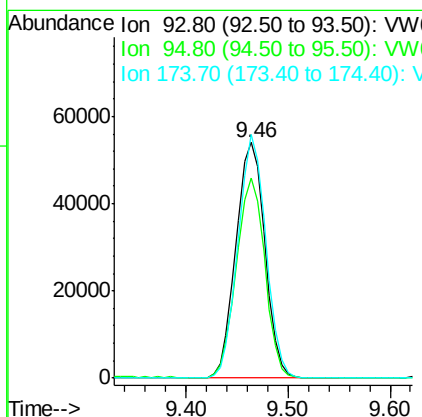
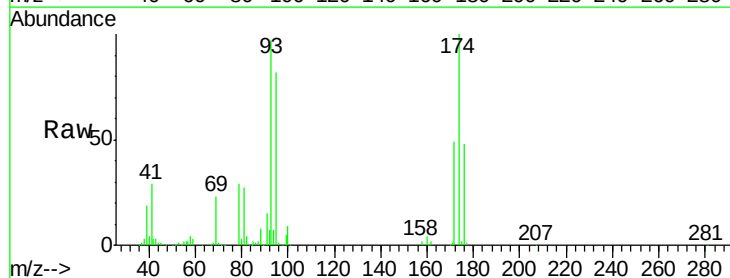
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

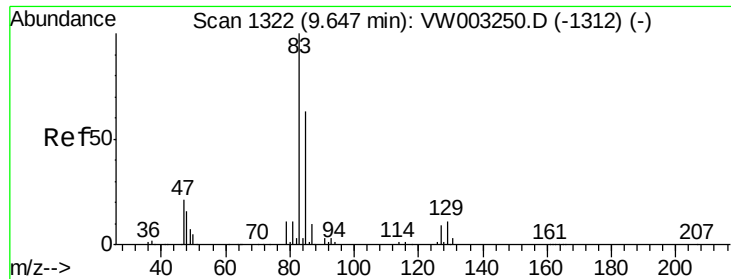
Tgt Ion: 63 Resp: 205487
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.1 37.7



#46
 Dibromomethane
 Concen: 70.37 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 93 Resp: 106237
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.8
 174 99.6 81.4 122.0





#47

Bromodichloromethane

Concen: 74.15 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

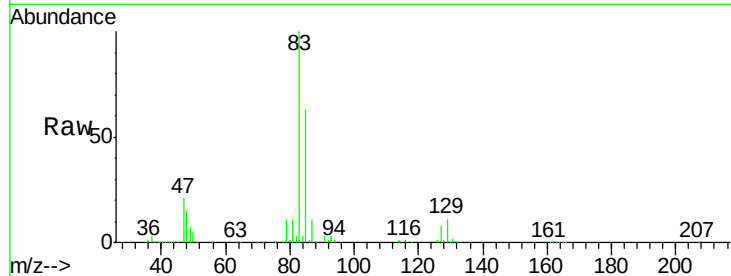
Tgt Ion: 83 Resp: 273361

Ion Ratio Lower Upper

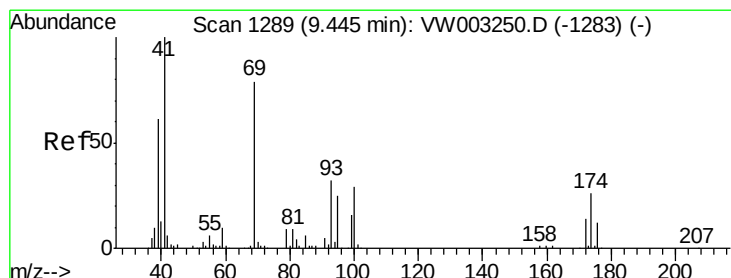
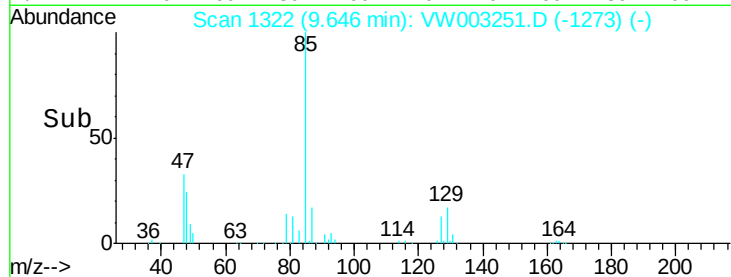
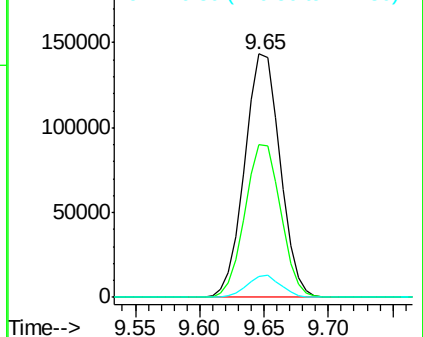
83 100

85 62.8 50.6 75.8

127 8.4 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: 74.07 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

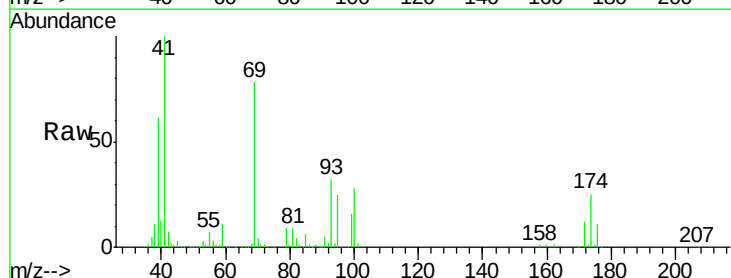
Tgt Ion: 41 Resp: 120210

Ion Ratio Lower Upper

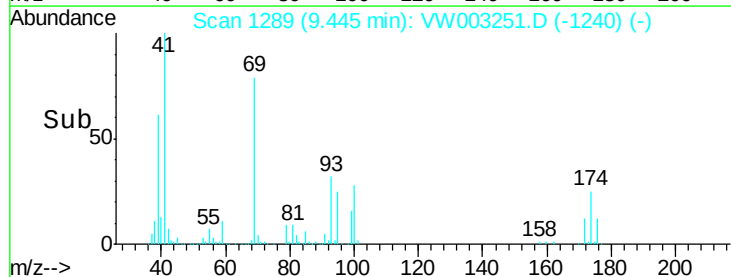
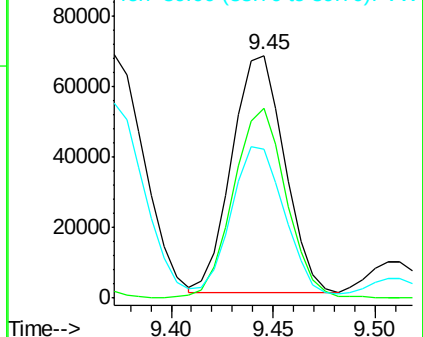
41 100

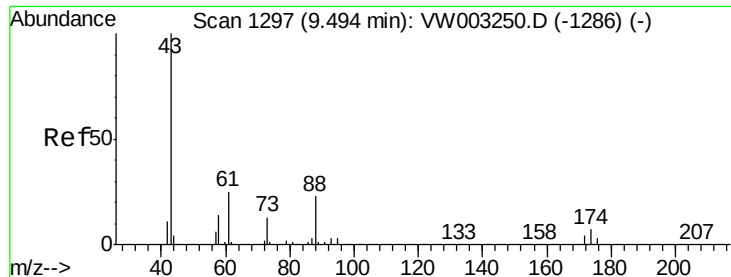
69 80.9 65.4 98.2

39 65.9 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

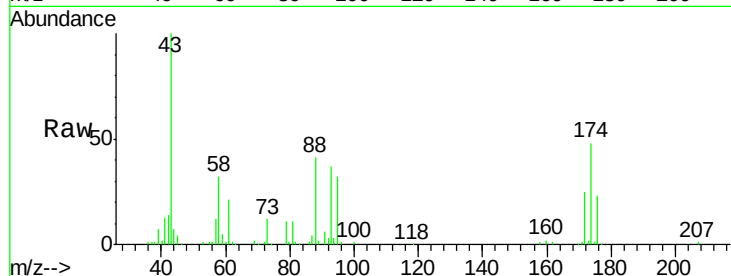




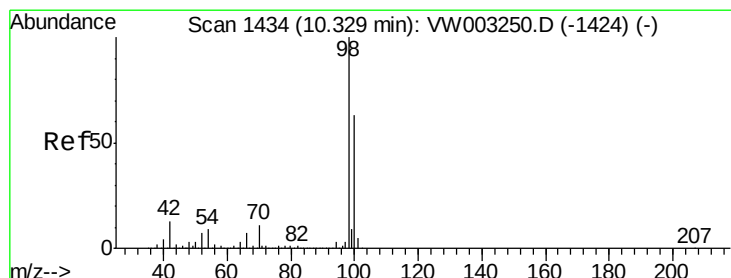
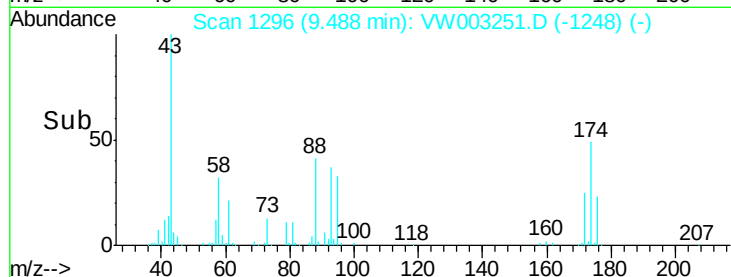
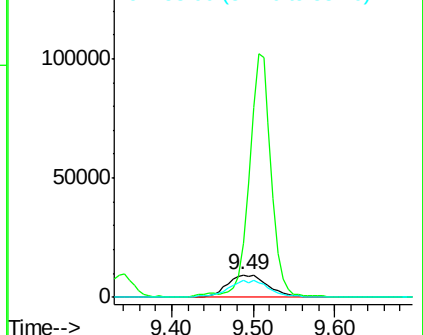
#49
 1,4-Dioxane
 Concen: 1386.99 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 88 Resp: 32453
 Ion Ratio Lower Upper
 88 100
 43 594.2 454.7 682.1
 58 75.4 58.6 88.0

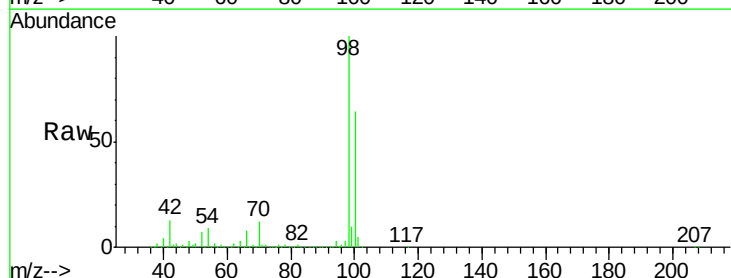


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

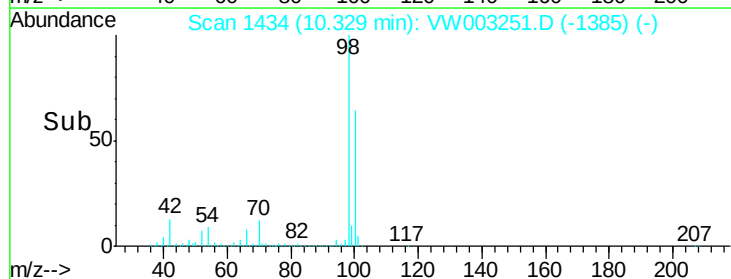
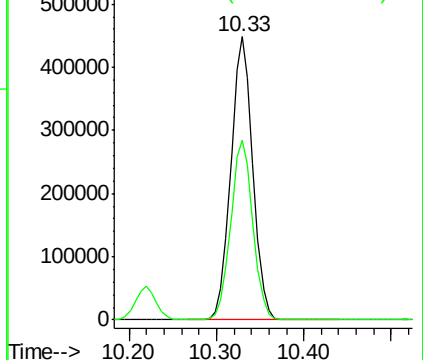


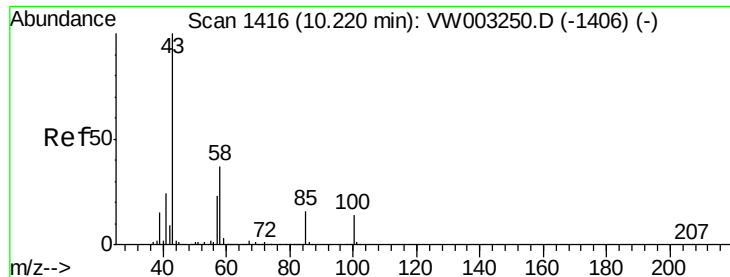
#50
 Toluene-d8
 Concen: 79.34 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 98 Resp: 777826
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 368.85 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

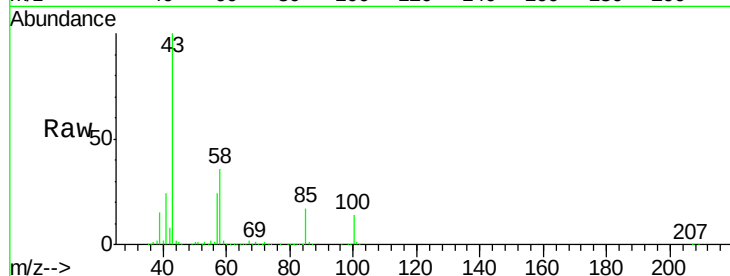
VSTDIC075

Tgt Ion: 43 Resp: 640100

Ion Ratio Lower Upper

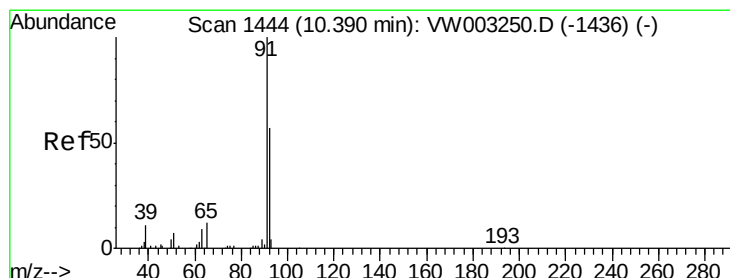
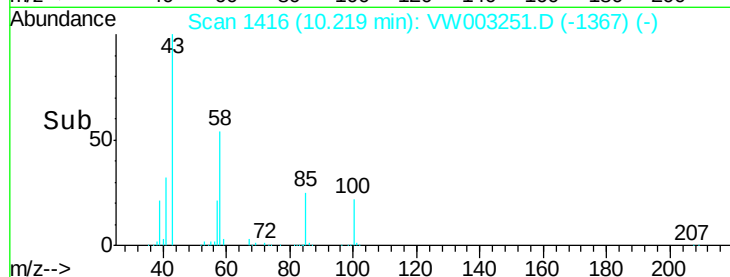
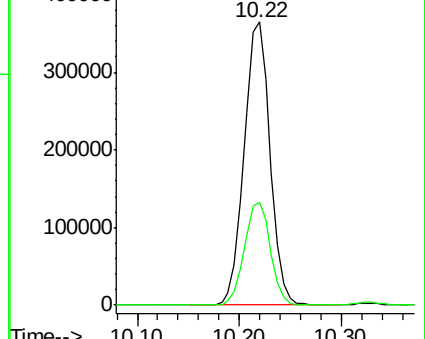
43 100

58 36.7 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 71.76 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003251.D

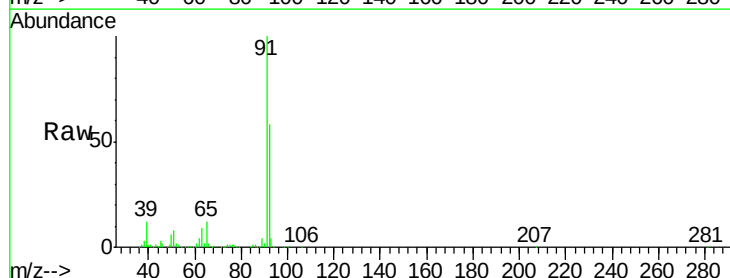
Acq: 13 Jun 2018 17:50

Tgt Ion: 92 Resp: 517982

Ion Ratio Lower Upper

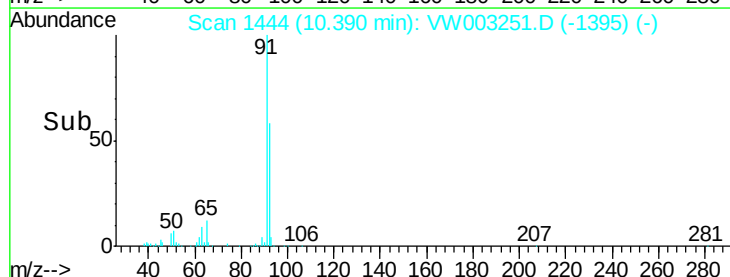
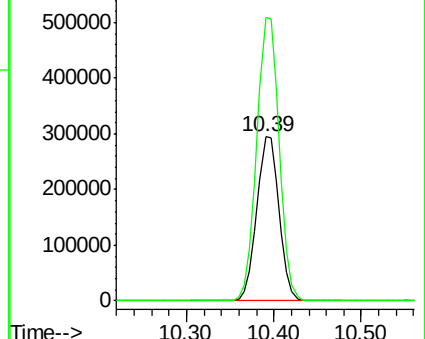
92 100

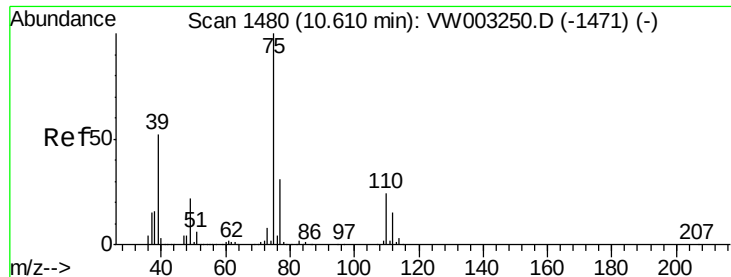
91 174.5 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 75.25 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

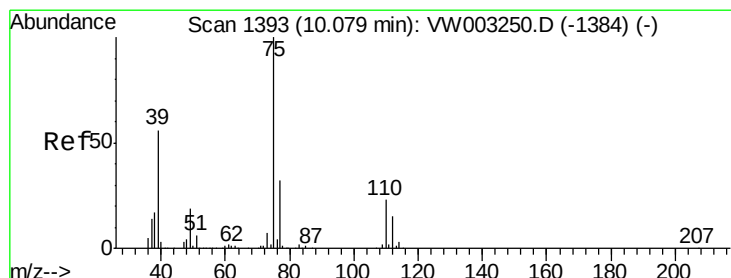
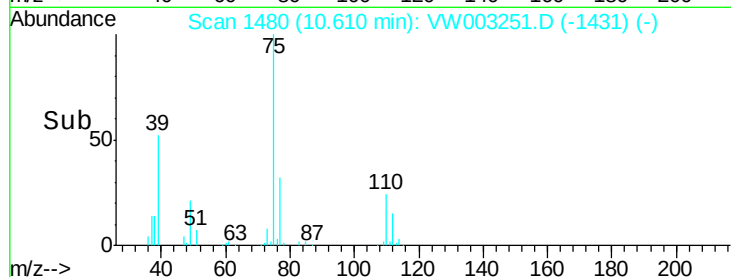
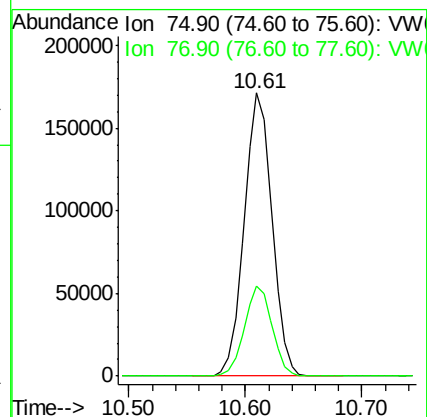
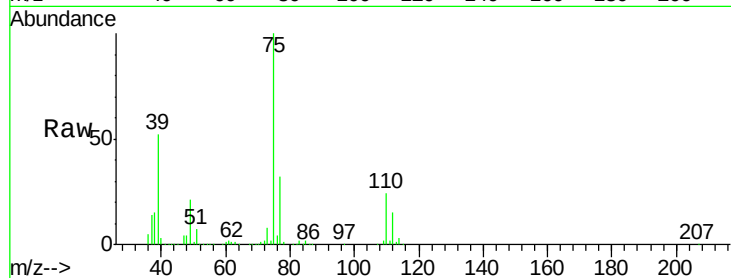
VSTDIC075

Tgt Ion: 75 Resp: 285712

Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 74.93 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

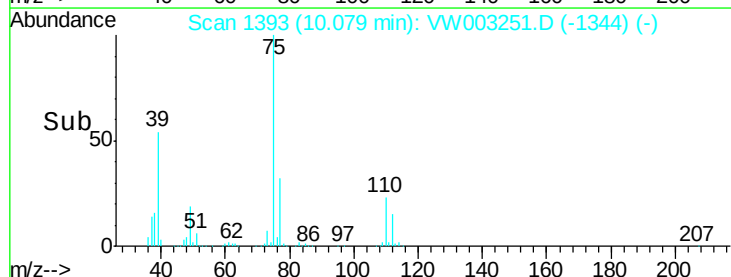
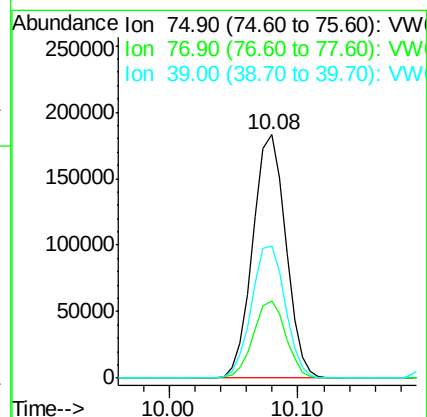
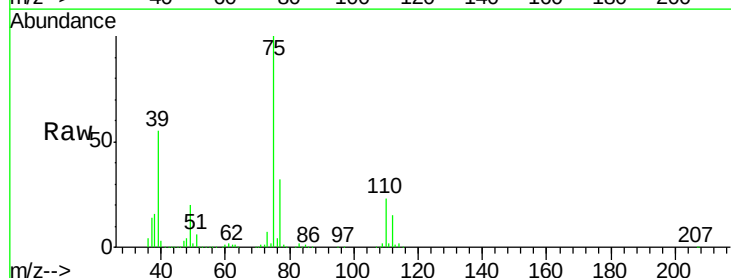
Tgt Ion: 75 Resp: 323590

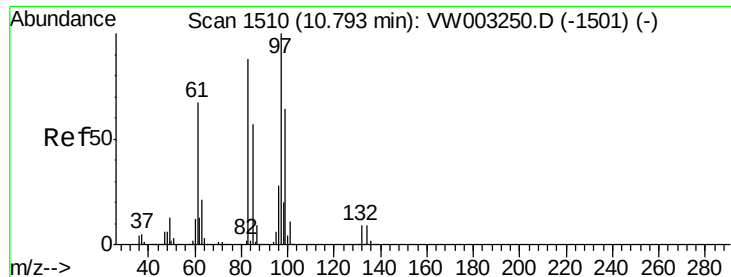
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 54.5 45.2 67.8

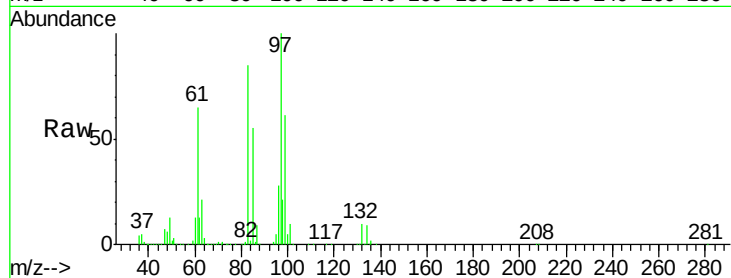




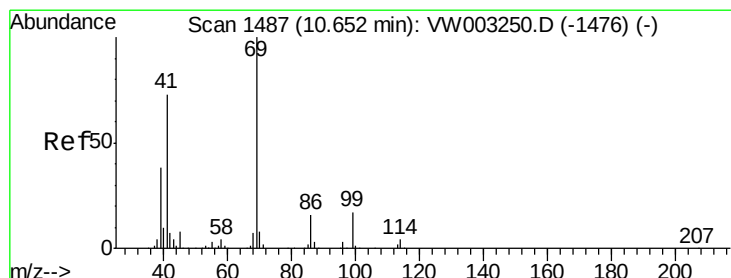
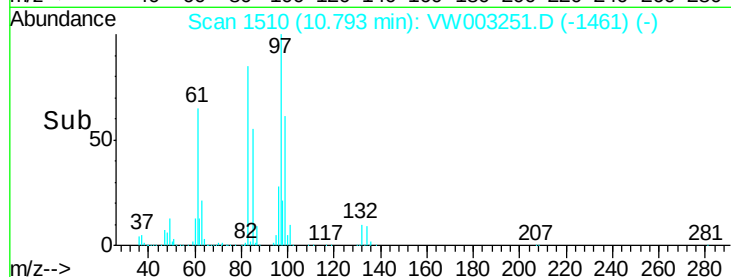
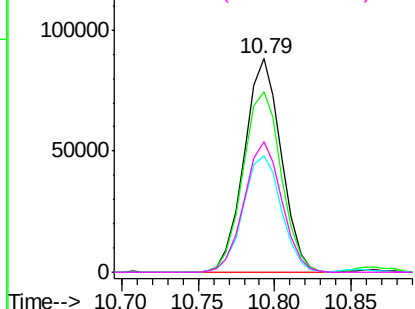
#55
 1,1,2-Trichloroethane
 Concen: 71.09 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 97 Resp: 148312
 Ion Ratio Lower Upper
 97 100
 83 84.5 70.2 105.2
 85 54.6 45.6 68.4
 99 61.3 51.2 76.8

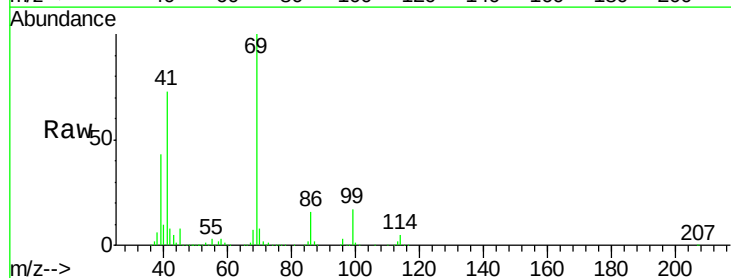


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

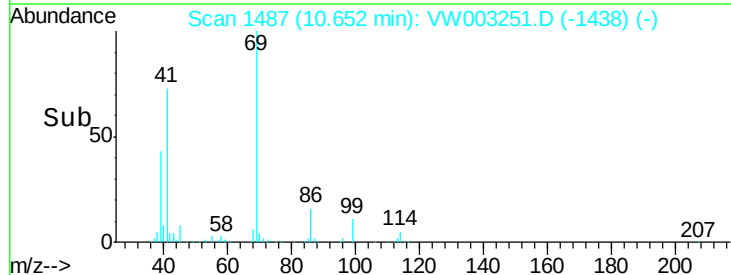
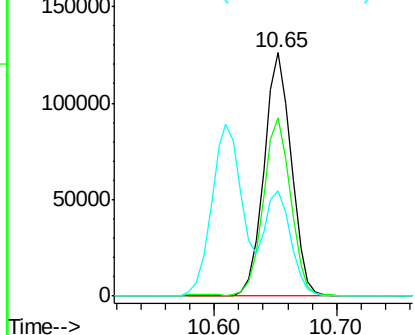


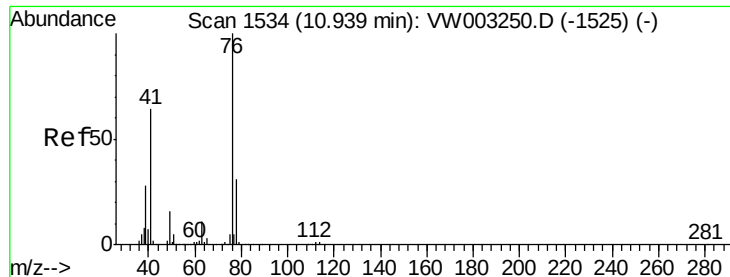
#56
 Ethyl methacrylate
 Concen: 75.48 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 69 Resp: 195180
 Ion Ratio Lower Upper
 69 100
 41 73.5 57.8 86.6
 39 41.1 32.7 49.1



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





#57

1,3-Dichloropropane

Concen: 71.84 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

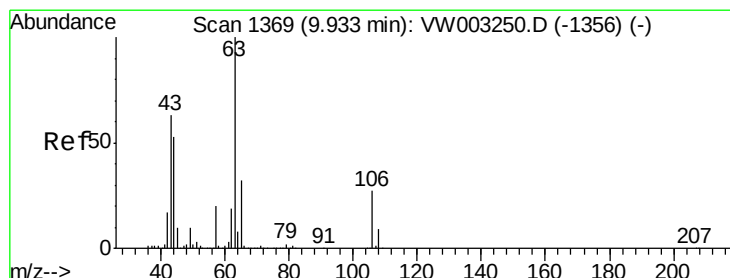
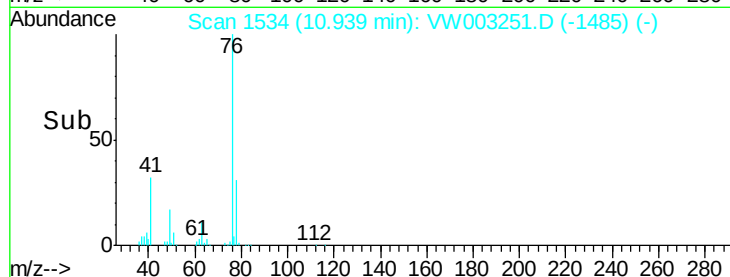
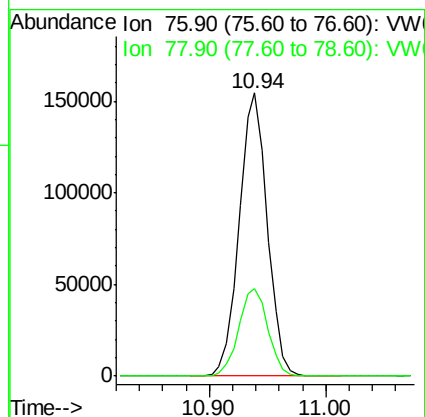
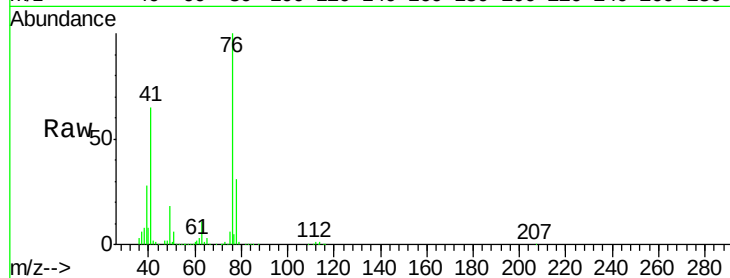
VSTDIC075

Tgt Ion: 76 Resp: 258877

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 360.03 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW003251.D

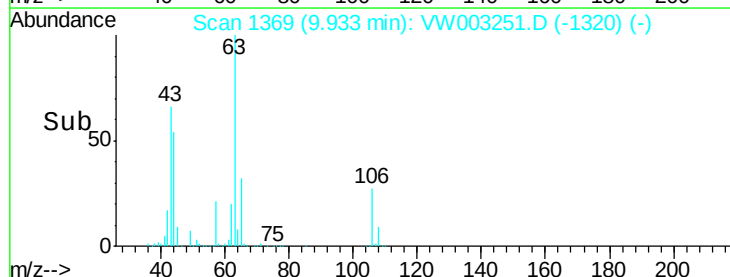
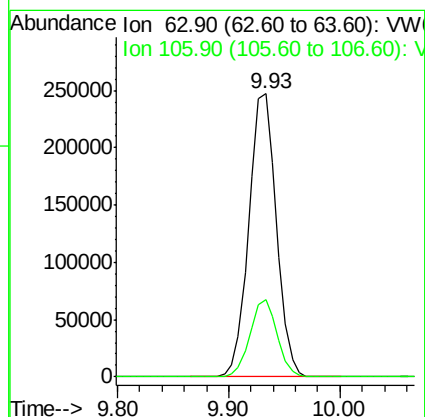
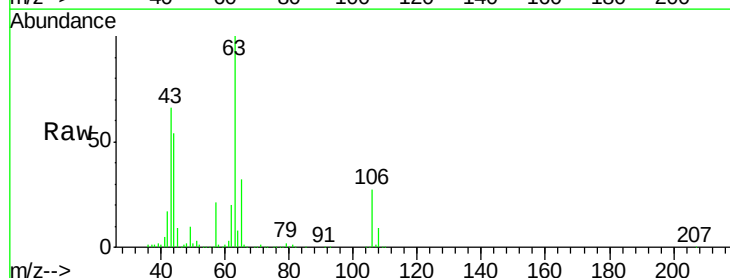
Acq: 13 Jun 2018 17:50

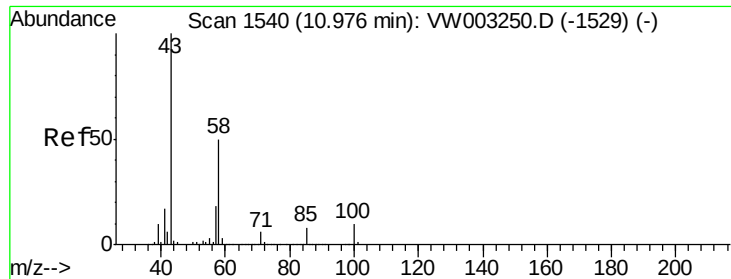
Tgt Ion: 63 Resp: 424623

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8

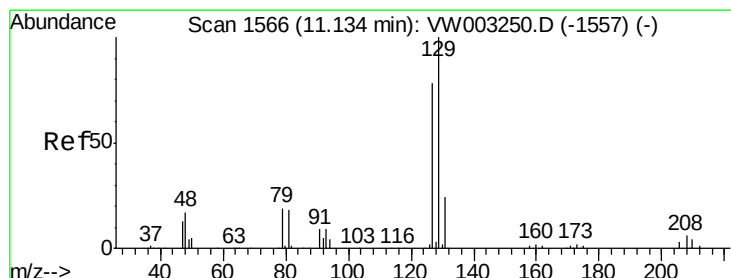
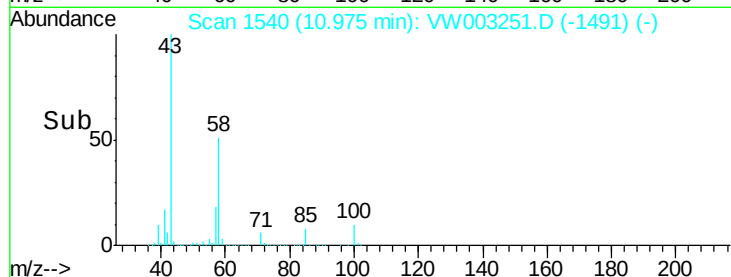
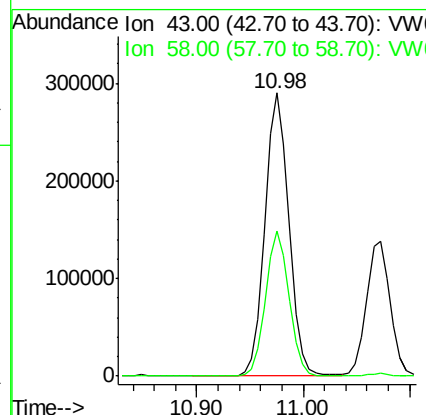
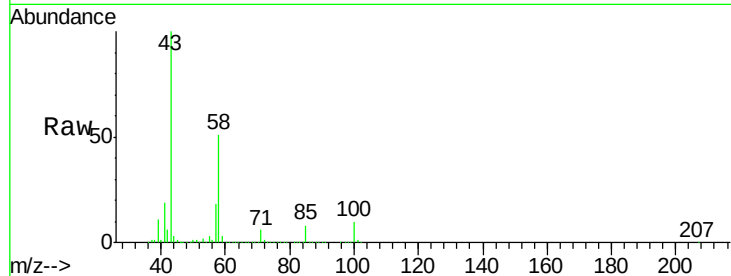




#59
2-Hexanone
Concen: 389.39 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

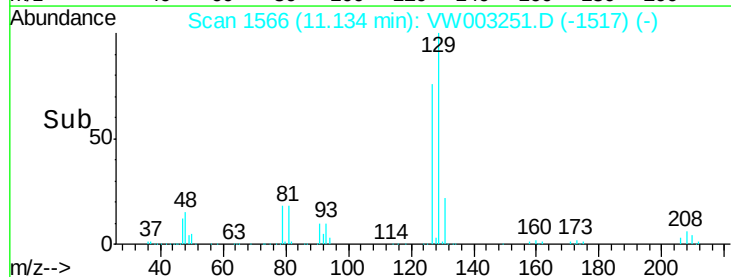
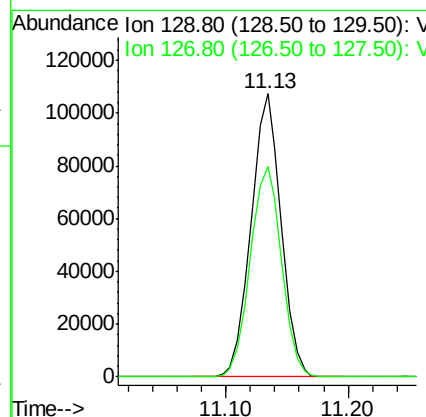
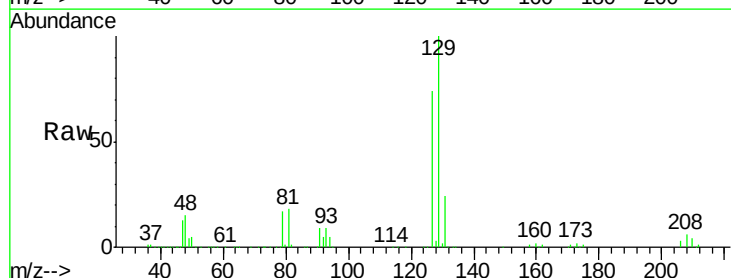
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

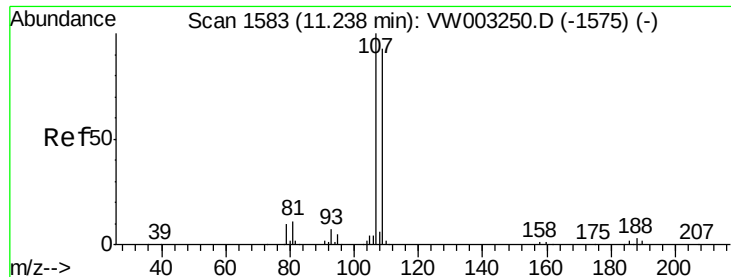
Tgt Ion: 43 Resp: 459855
Ion Ratio Lower Upper
43 100
58 50.2 25.0 75.0



#60
Dibromochloromethane
Concen: 72.96 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 129 Resp: 183054
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5

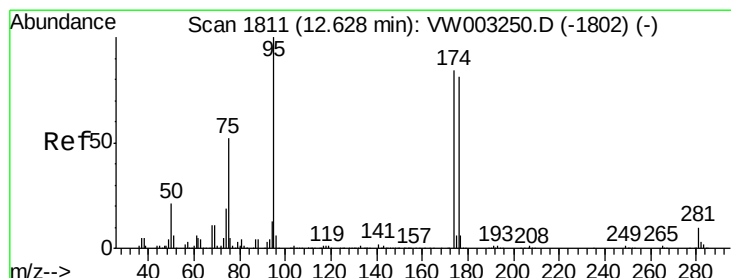
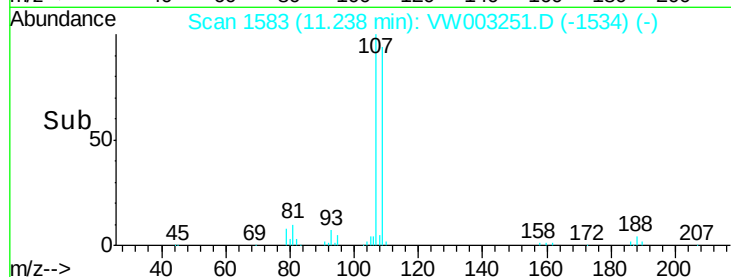
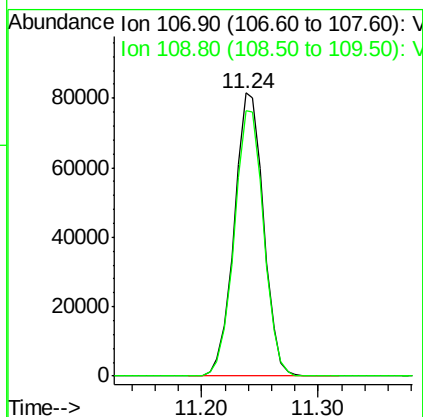
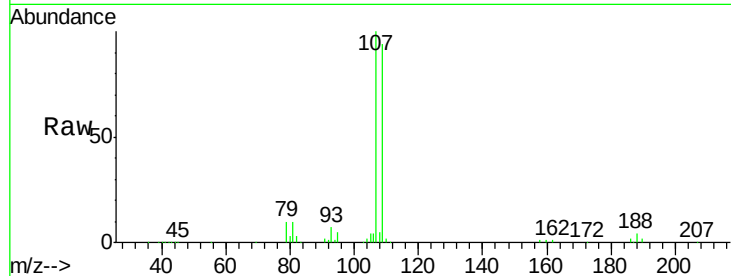




#61
 1,2-Dibromoethane
 Concen: 70.86 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

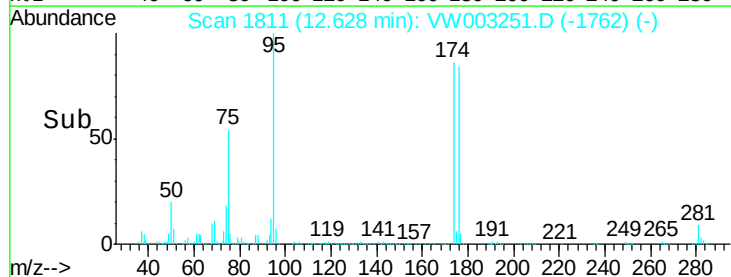
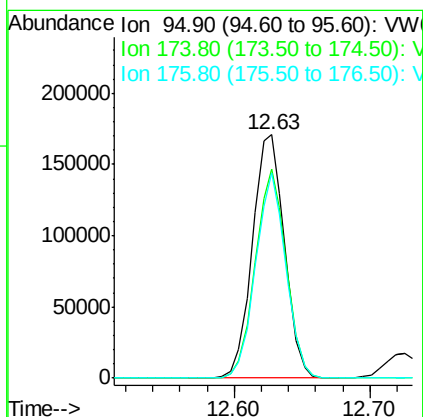
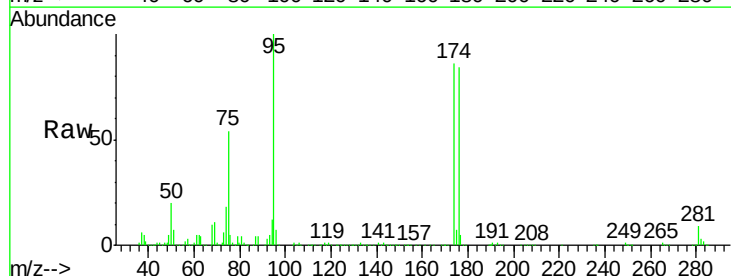
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

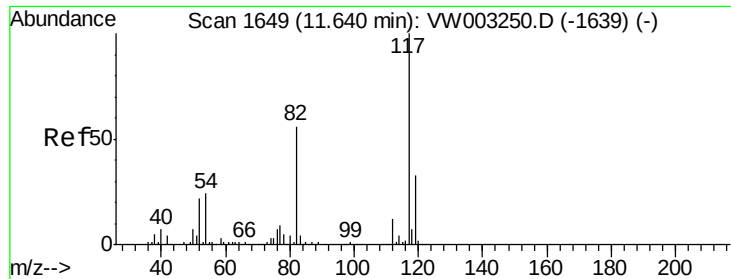
Tgt Ion: 107 Resp: 142438
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 79.26 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 95 Resp: 282011
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 166.4
 176 79.5 0.0 162.0

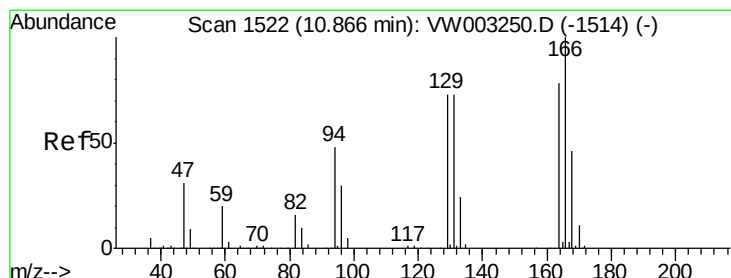
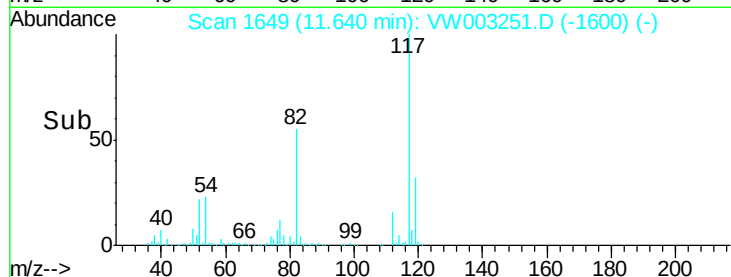
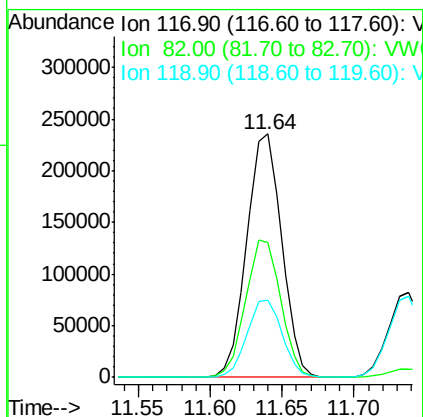
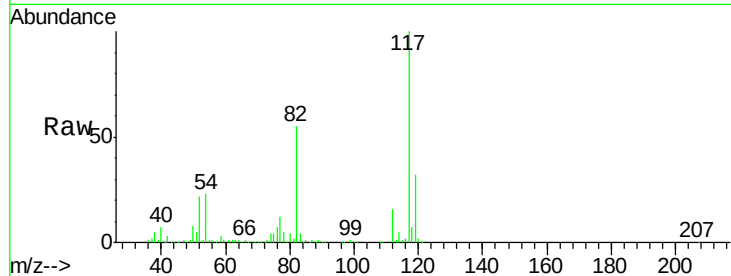




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

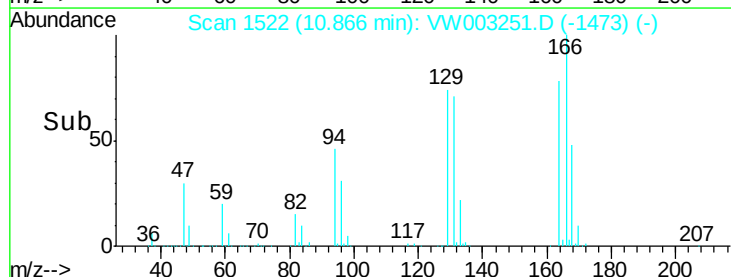
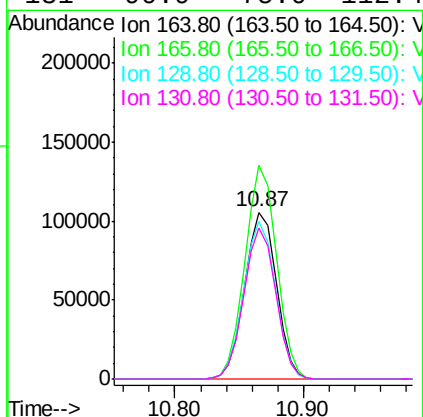
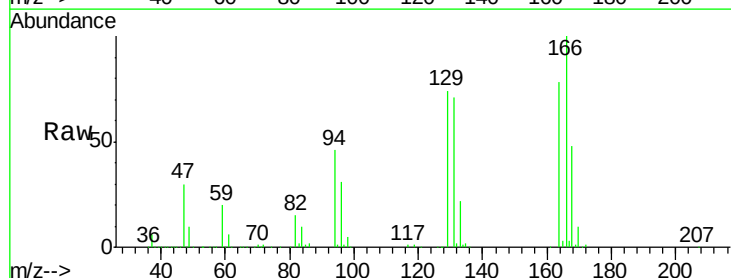
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

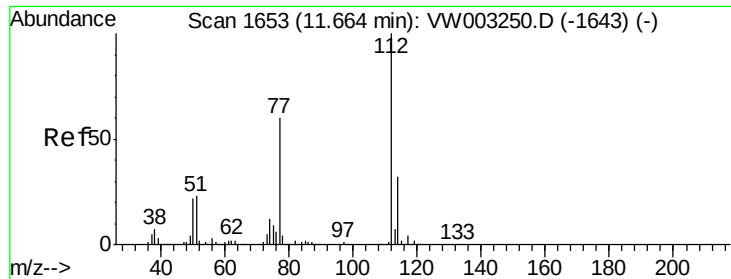
Tgt Ion:117 Resp: 395433
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 31.7 26.7 40.1



#64
Tetrachloroethene
Concen: 64.37 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion:164 Resp: 180245
Ion Ratio Lower Upper
164 100
166 128.3 102.6 154.0
129 94.8 75.2 112.8
131 90.9 75.0 112.4

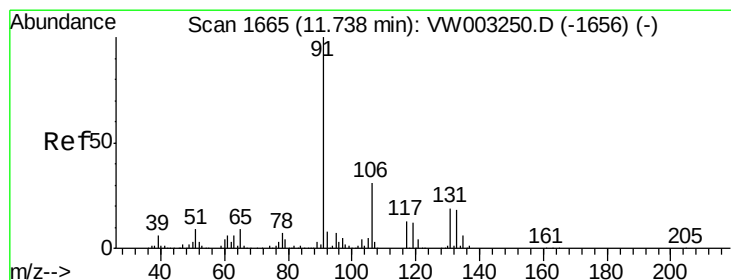
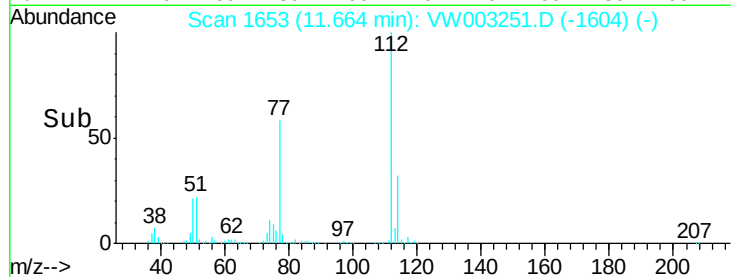
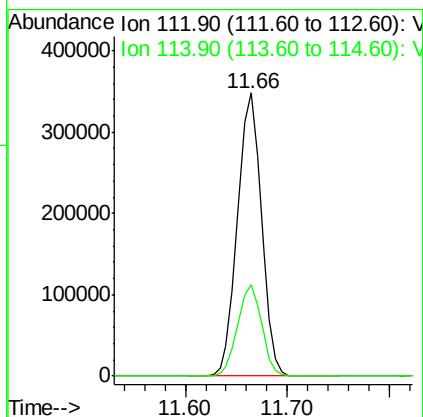
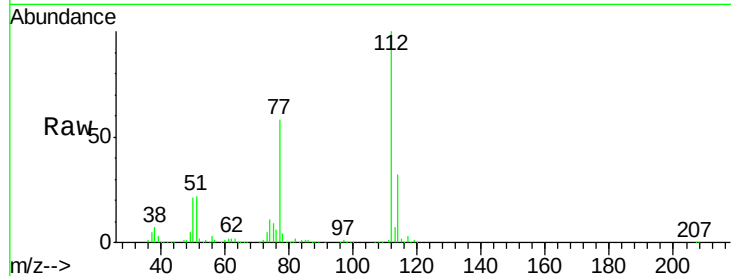




#65
Chlorobenzene
Concen: 69.73 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

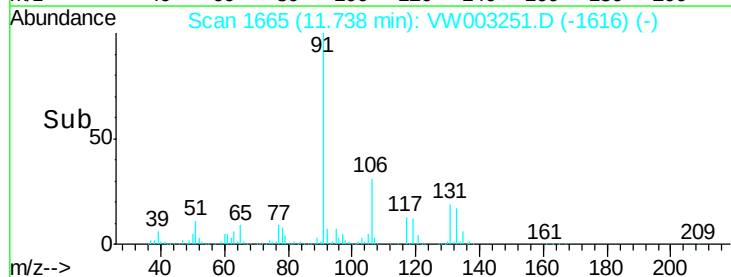
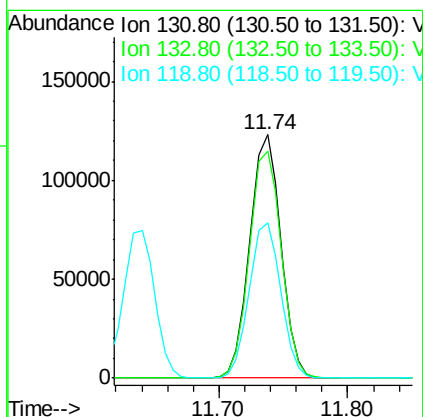
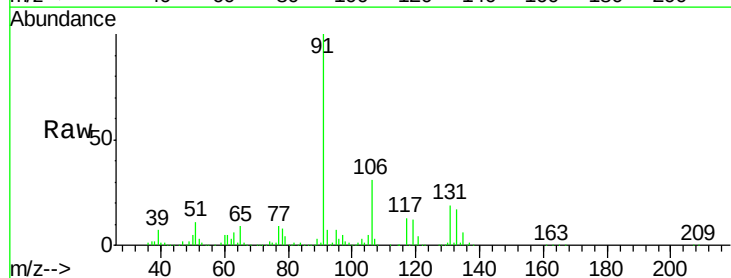
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

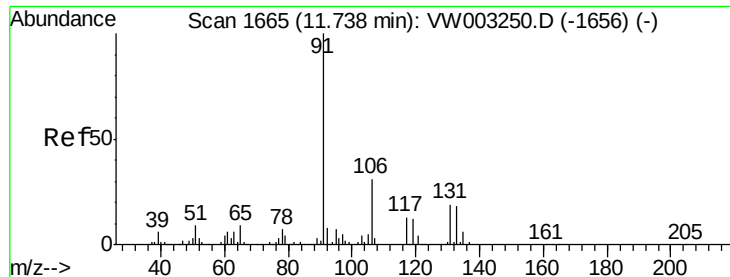
Tgt Ion:112 Resp: 567009
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 72.31 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion:131 Resp: 205081
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 64.7 32.5 97.4





#67

Ethyl Benzene

Concen: 72.32 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

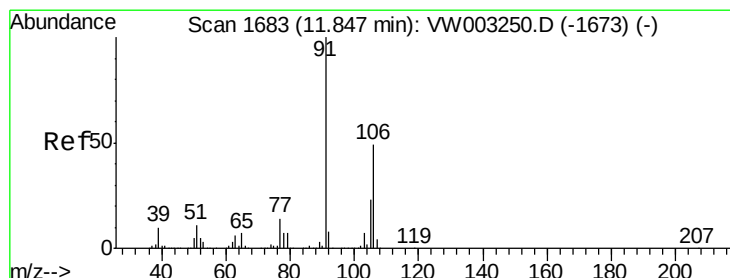
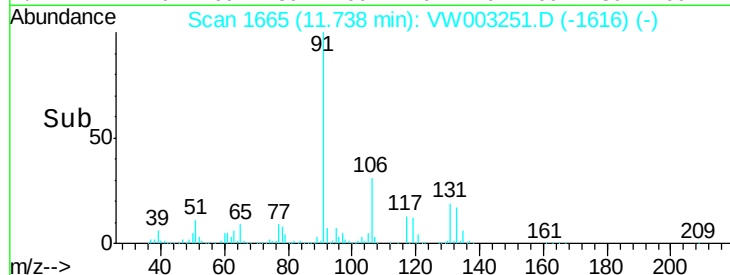
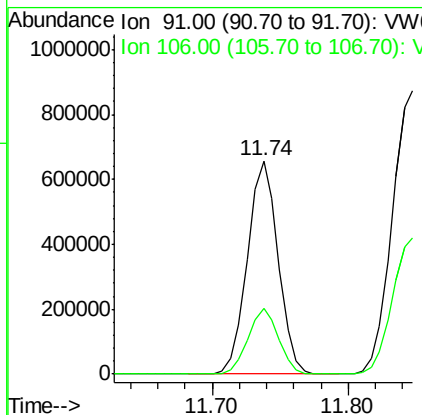
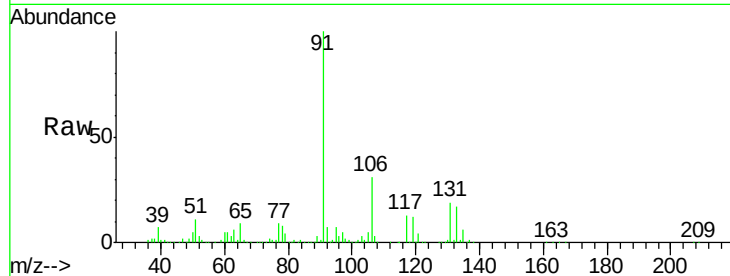
VSTDIC075

Tgt Ion: 91 Resp: 1039902

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



#68

m/p-Xylenes

Concen: 142.71 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW003251.D

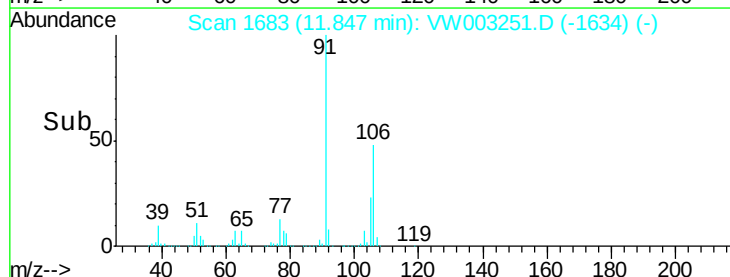
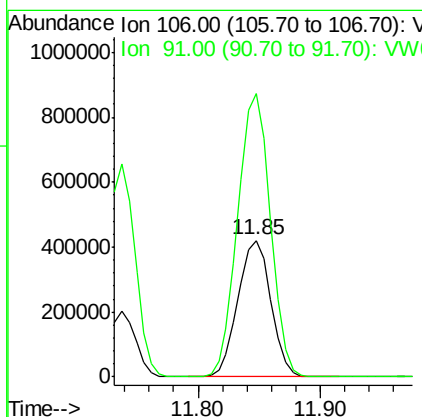
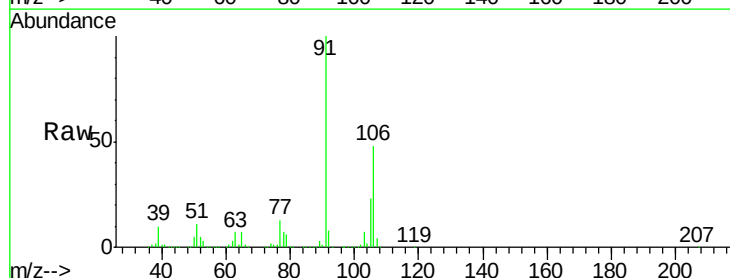
Acq: 13 Jun 2018 17:50

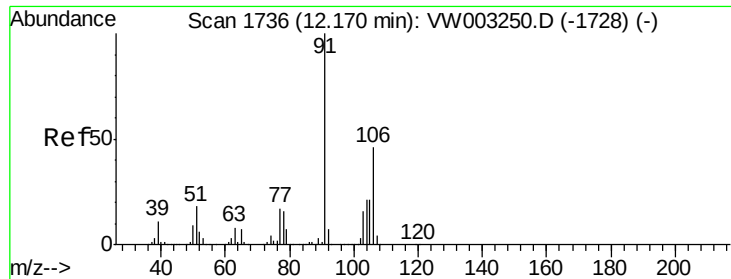
Tgt Ion: 106 Resp: 784514

Ion Ratio Lower Upper

106 100

91 206.6 165.4 248.0

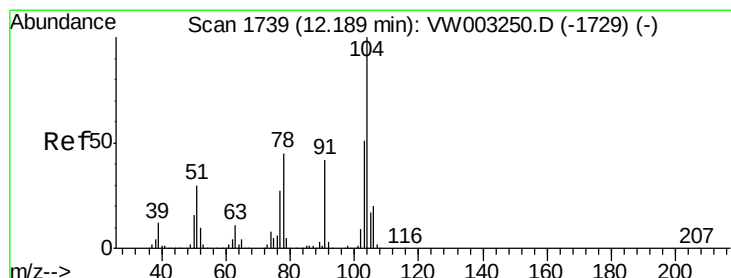
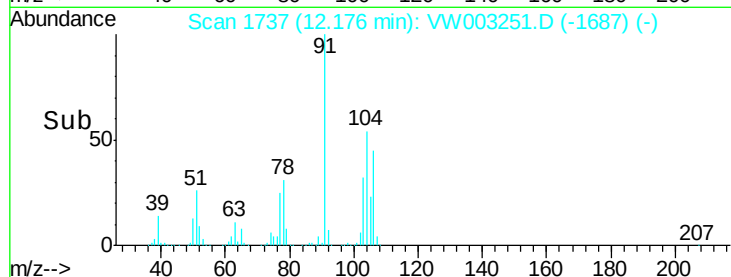
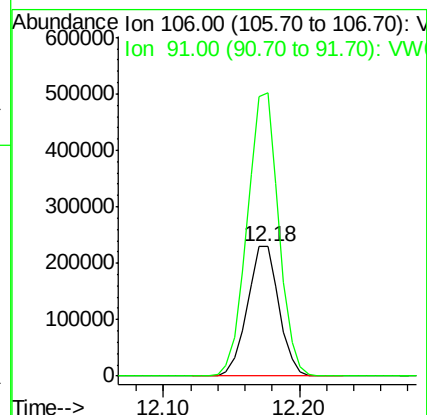
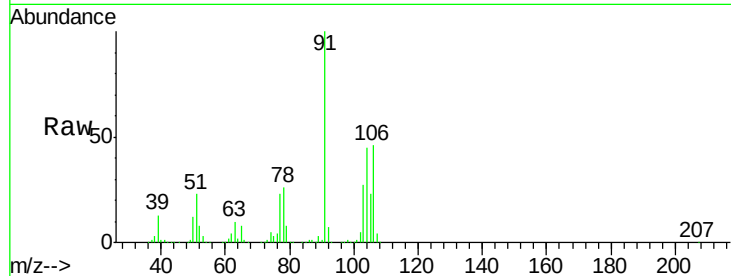




#69
o-Xylene
Concen: 72.04 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

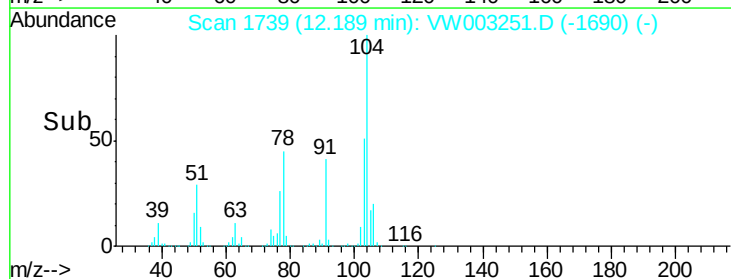
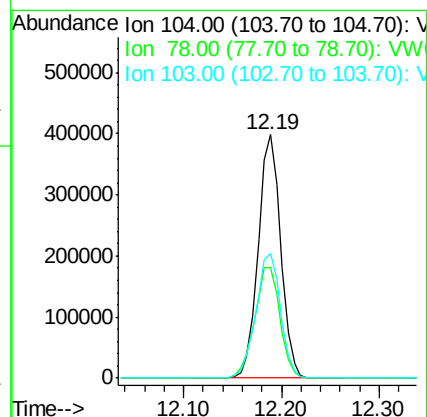
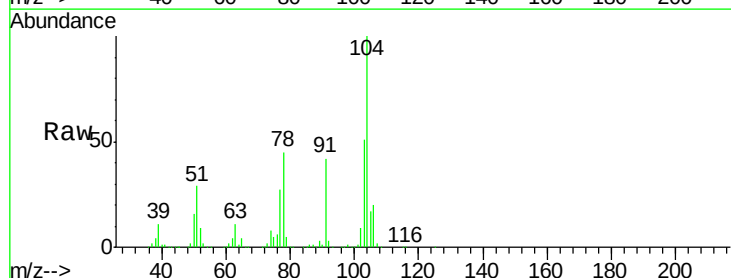
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

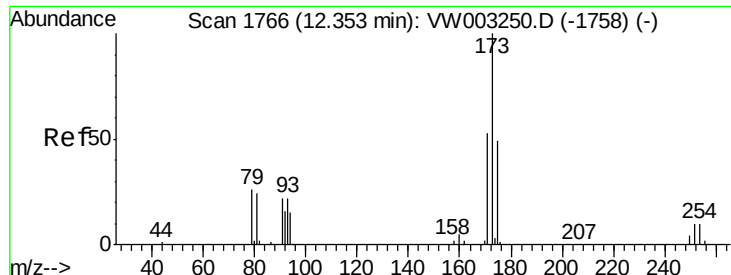
Tgt Ion:106 Resp: 373465
Ion Ratio Lower Upper
106 100
91 217.4 108.6 325.6



#70
Styrene
Concen: 73.32 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion:104 Resp: 634647
Ion Ratio Lower Upper
104 100
78 51.4 41.3 61.9
103 56.0 45.0 67.4





#71

Bromoform

Concen: 72.64 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

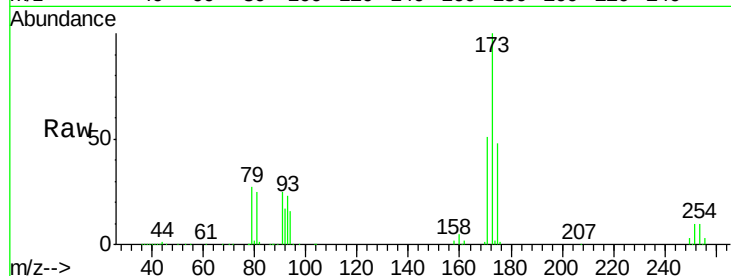
Tgt Ion:173 Resp: 110095

Ion Ratio Lower Upper

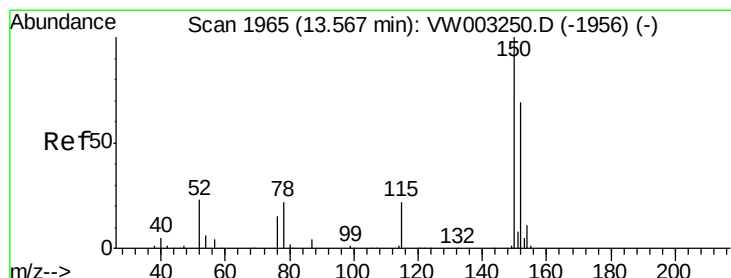
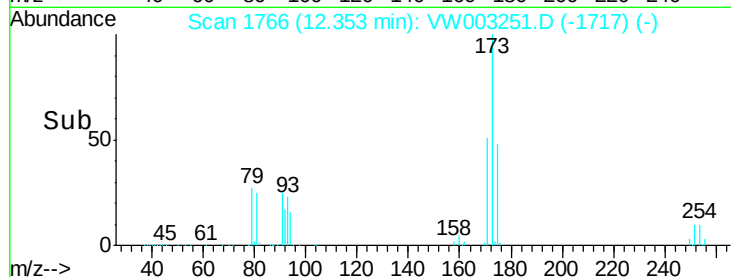
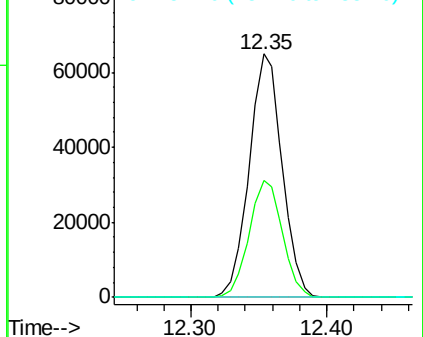
173 100

175 48.5 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: VW003251.D

Acq: 13 Jun 2018 17:50

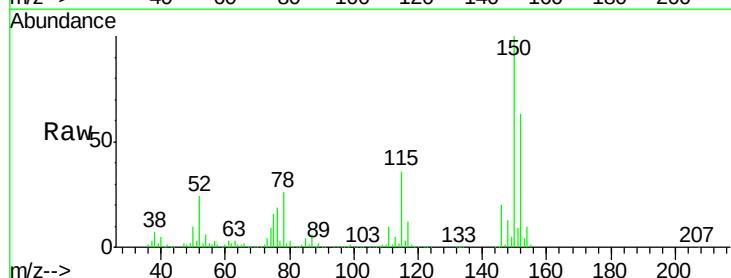
Tgt Ion:152 Resp: 211963

Ion Ratio Lower Upper

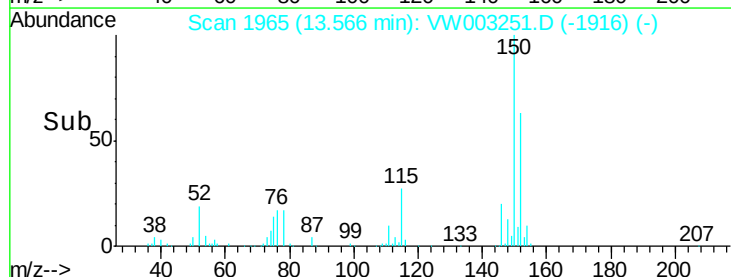
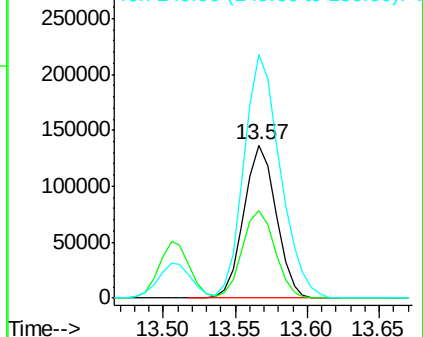
152 100

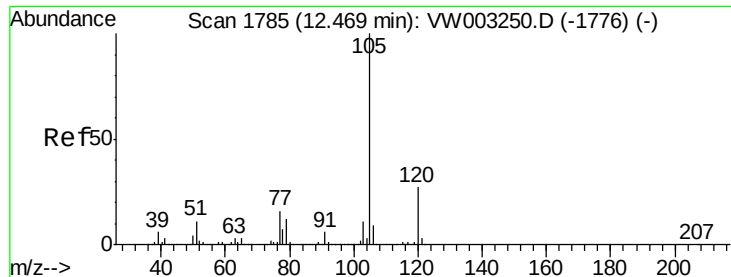
115 57.9 29.3 88.0

150 179.0 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: 71.70 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

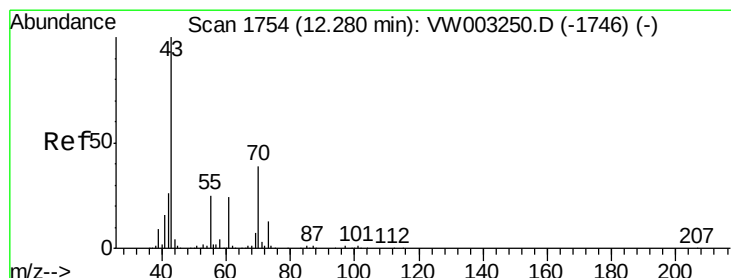
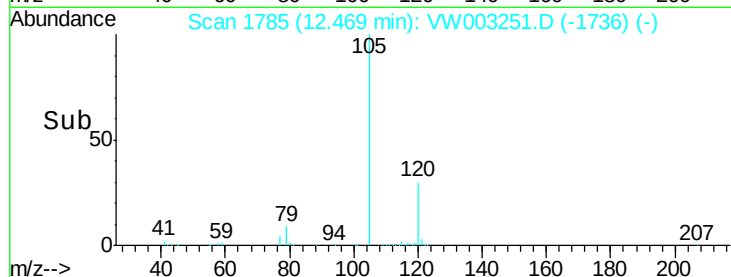
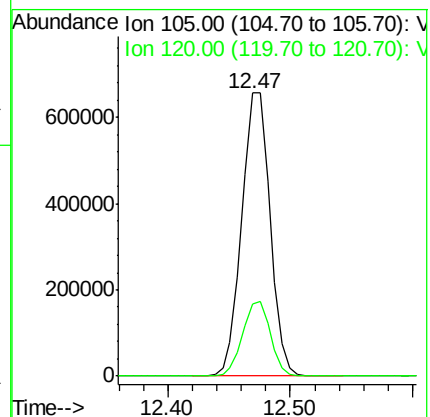
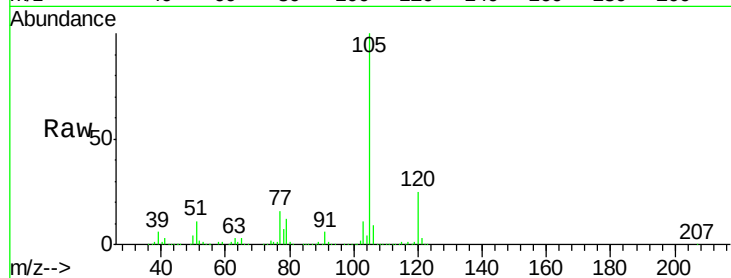
VSTDIC075

Tgt Ion:105 Resp: 1052123

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 74.04 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Tgt Ion: 43 Resp: 250365

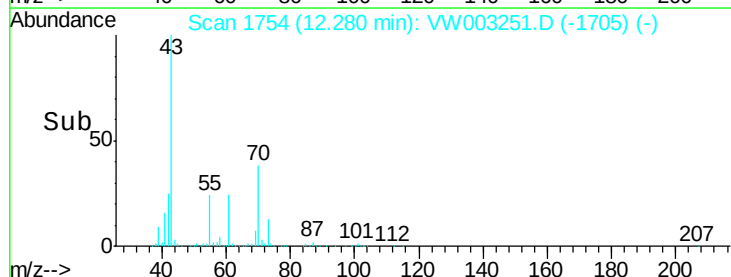
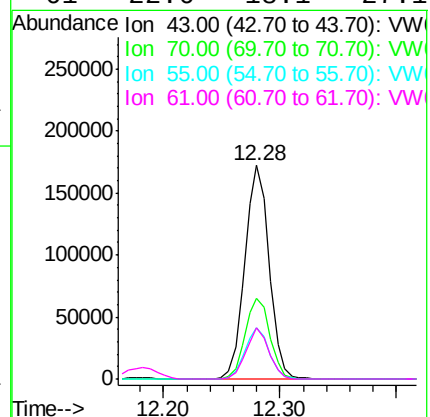
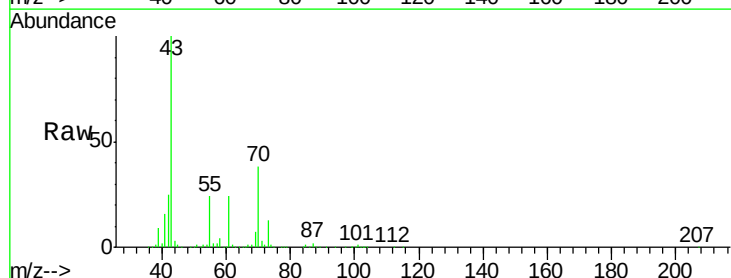
Ion Ratio Lower Upper

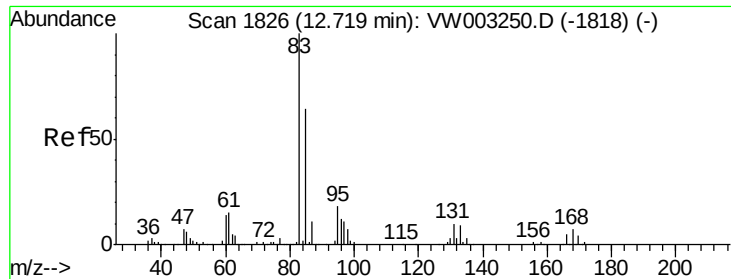
43 100

70 39.0 31.0 46.6

55 23.8 19.7 29.5

61 22.6 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 70.04 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

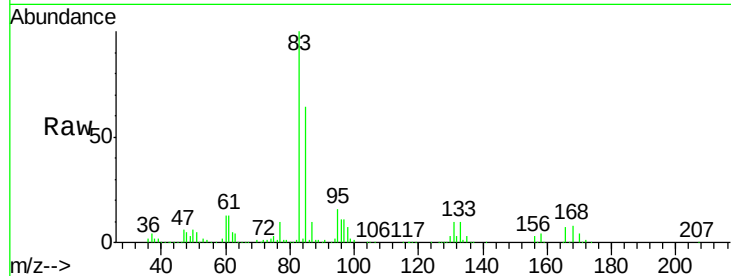
Tgt Ion: 83 Resp: 175067

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

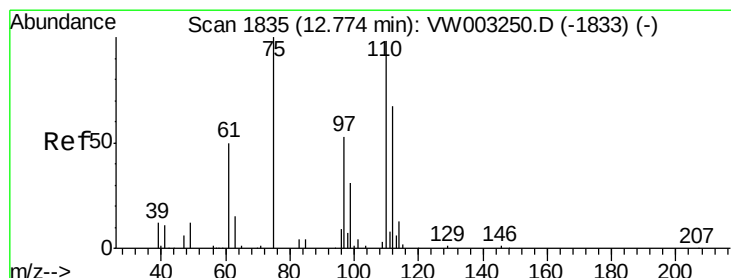
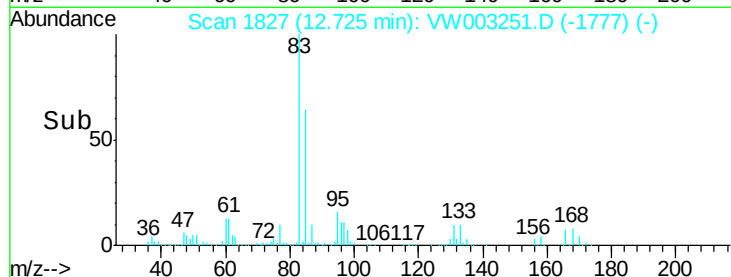
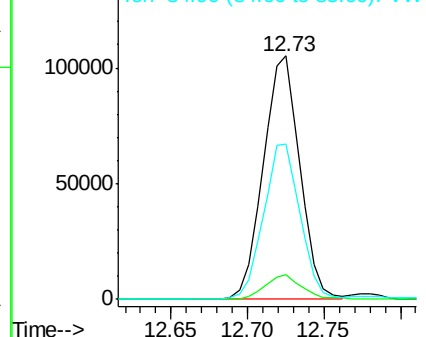
85 64.1 31.9 95.7



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: 128.77 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003251.D

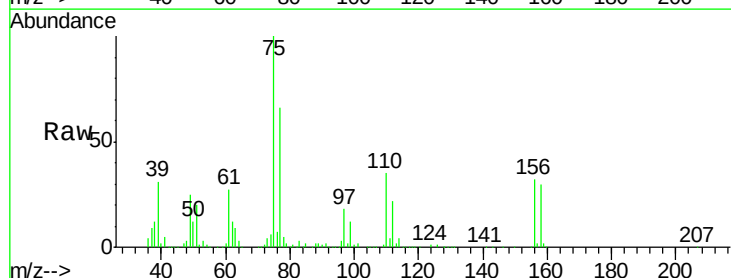
Acq: 13 Jun 2018 17:50

Tgt Ion: 75 Resp: 242059

Ion Ratio Lower Upper

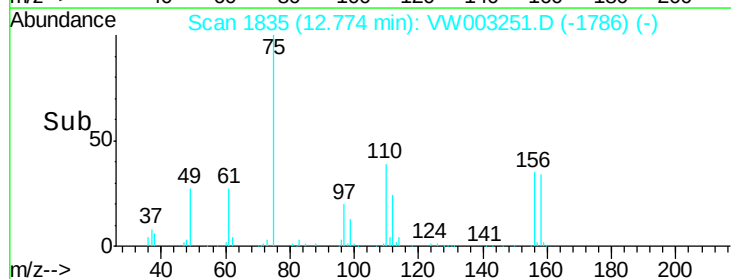
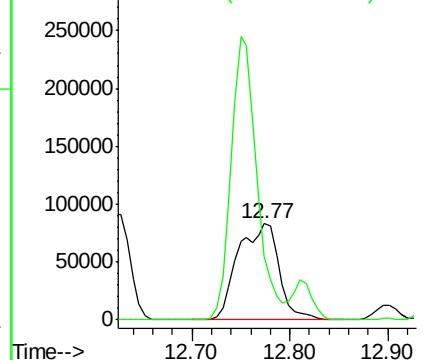
75 100

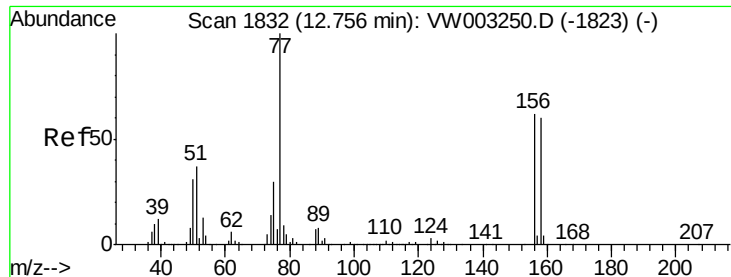
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

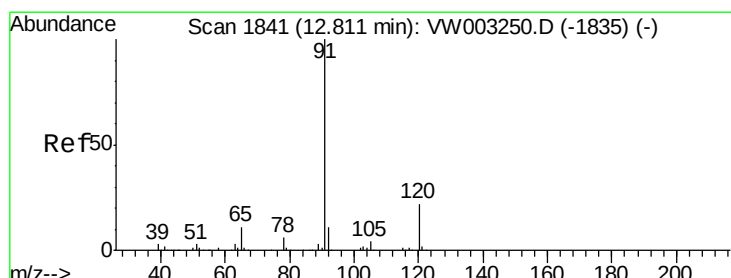
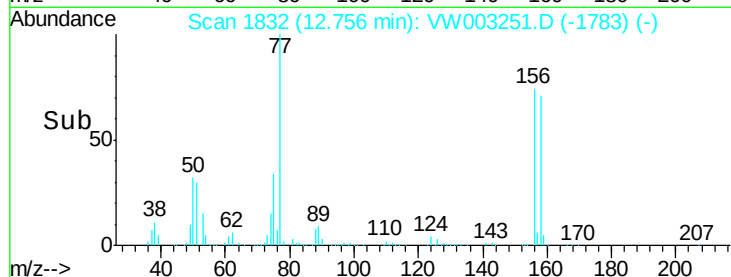
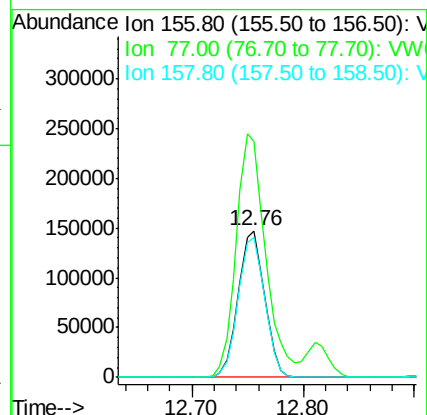
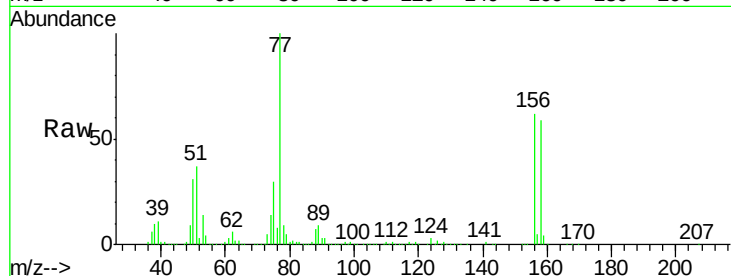




#77
Bromobenzene
Concen: 69.79 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

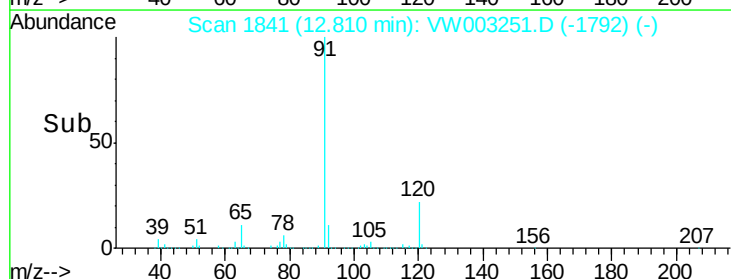
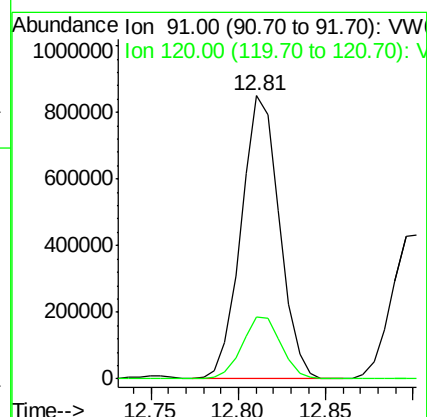
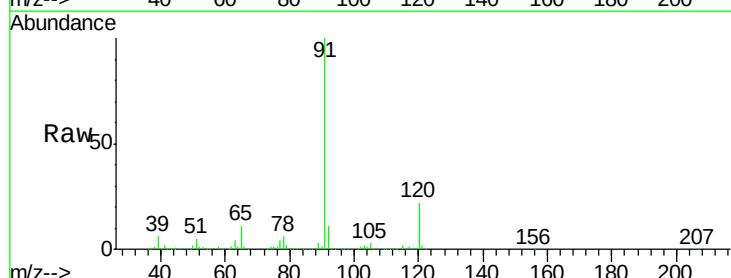
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

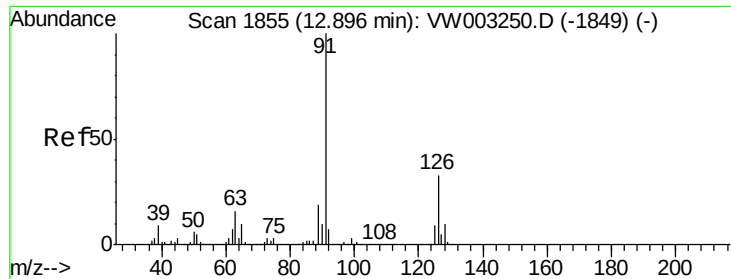
Tgt Ion:156 Resp: 241420
Ion Ratio Lower Upper
156 100
77 184.8 92.3 276.9
158 96.4 47.5 142.6



#78
n-propylbenzene
Concen: 73.62 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 91 Resp: 1289846
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 71.77 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

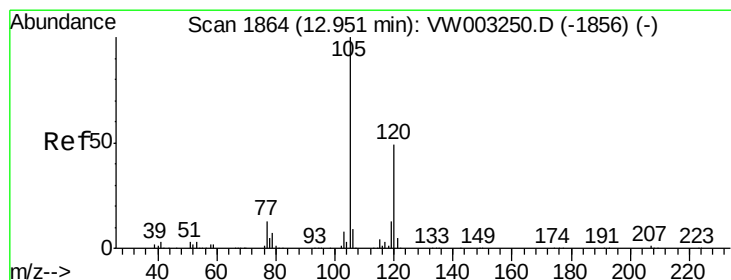
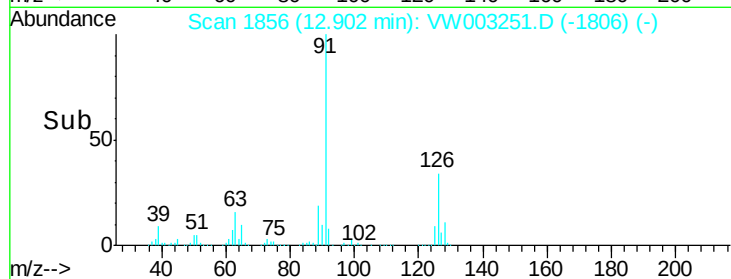
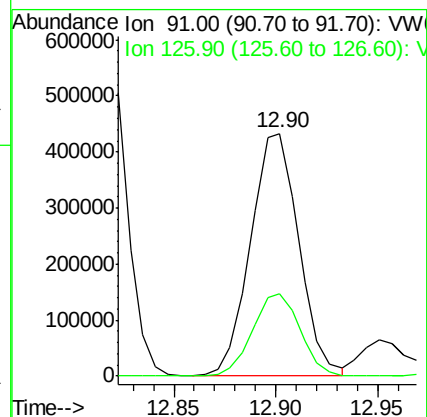
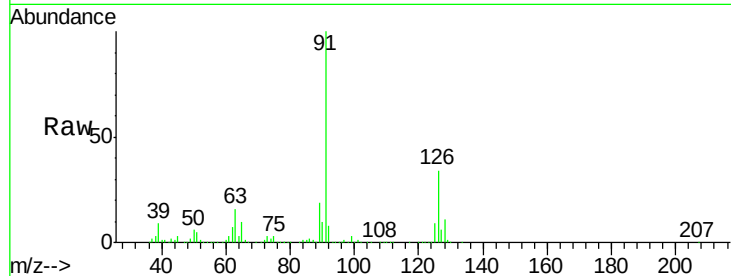
VSTDIC075

Tgt Ion: 91 Resp: 714518

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 72.69 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003251.D

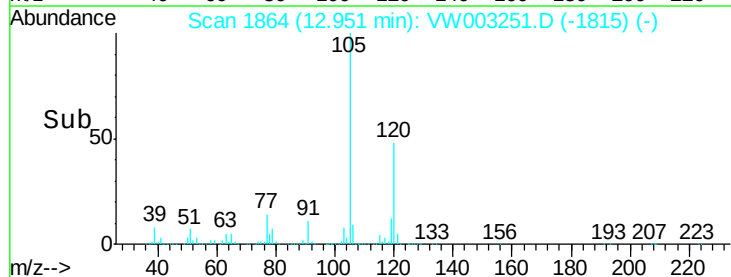
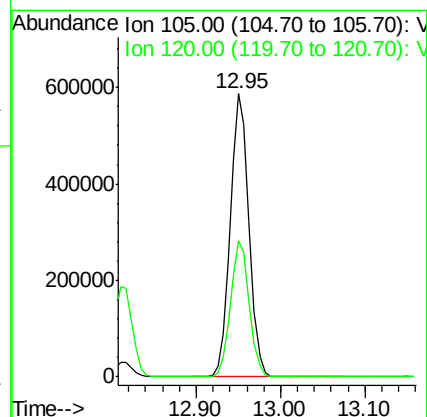
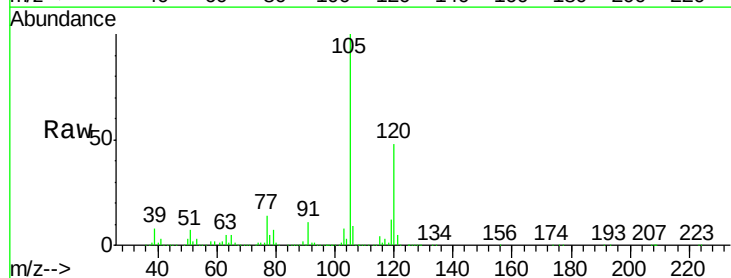
Acq: 13 Jun 2018 17:50

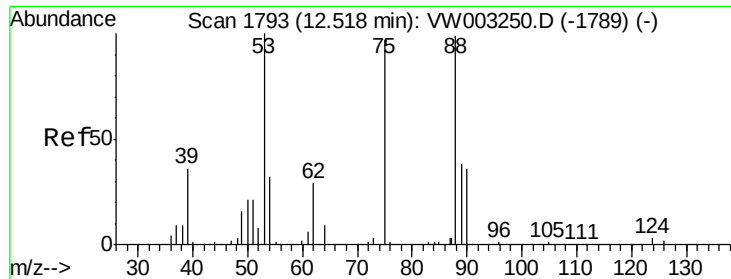
Tgt Ion:105 Resp: 889431

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9

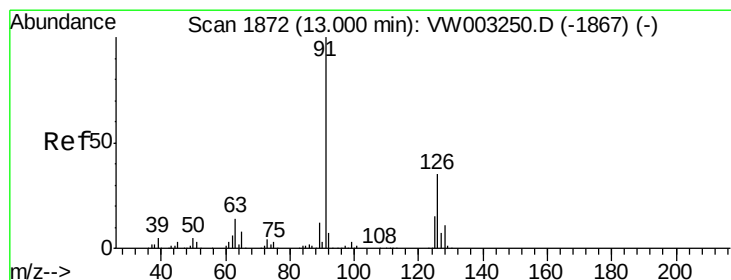
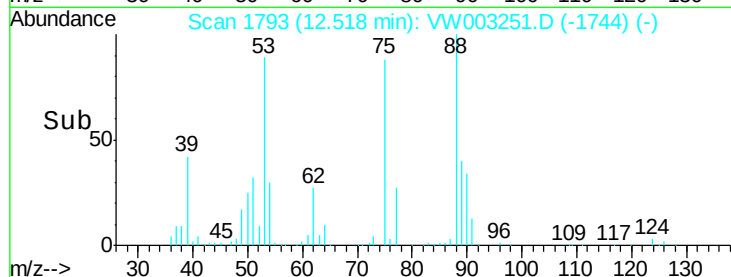
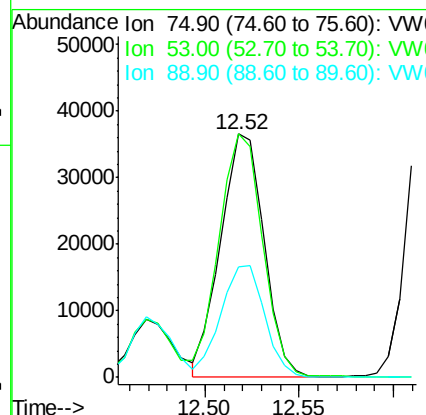
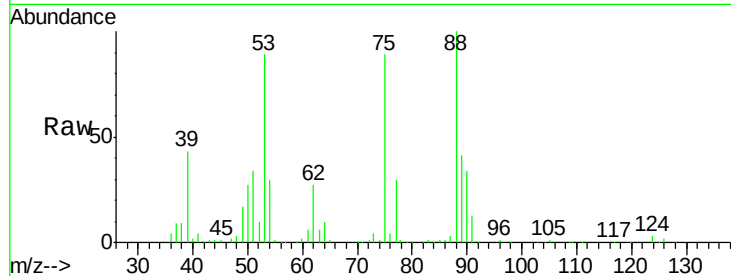




#81
trans-1,4-Dichloro-2-butene
Concen: 78.54 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

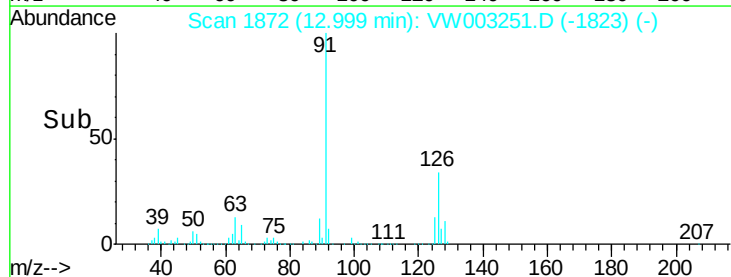
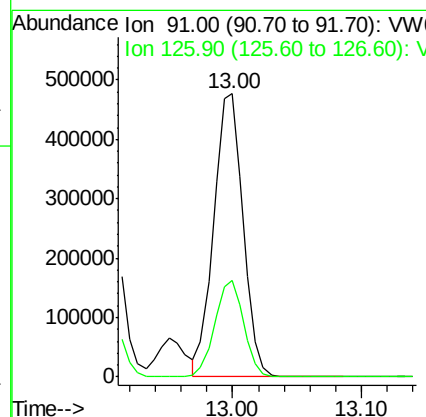
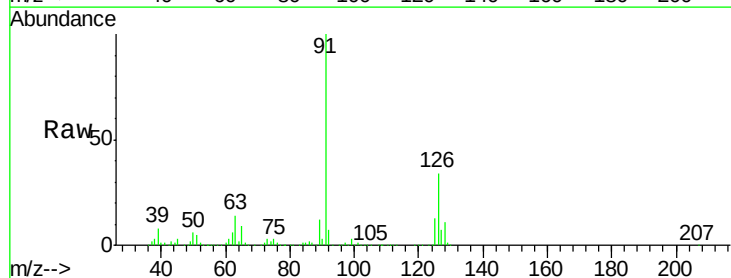
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

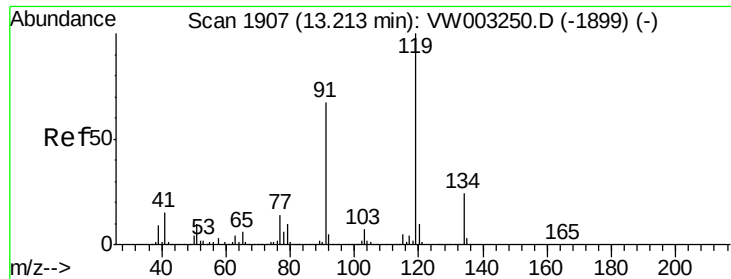
Tgt Ion: 75 Resp: 58203
Ion Ratio Lower Upper
75 100
53 101.1 82.9 124.3
89 46.7 36.7 55.1



#82
4-Chlorotoluene
Concen: 71.62 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion: 91 Resp: 761196
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.3

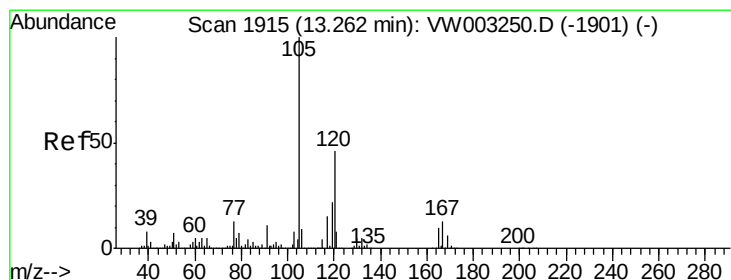
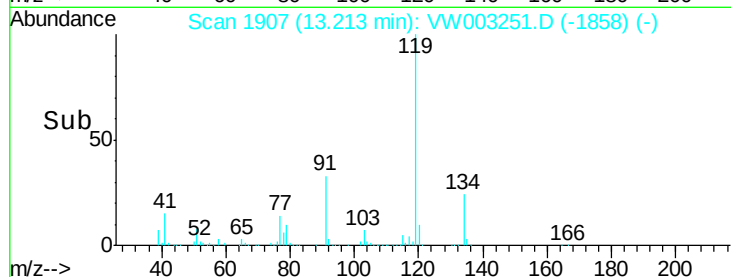
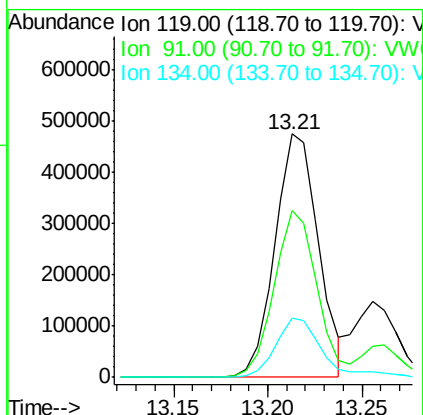
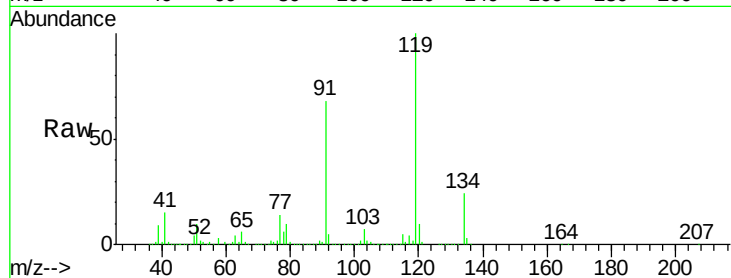




#83
 tert-Butylbenzene
 Concen: 70.12 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

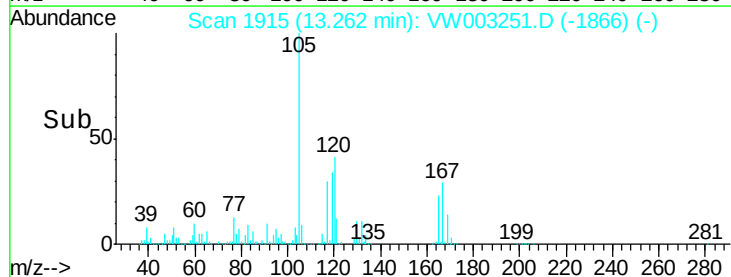
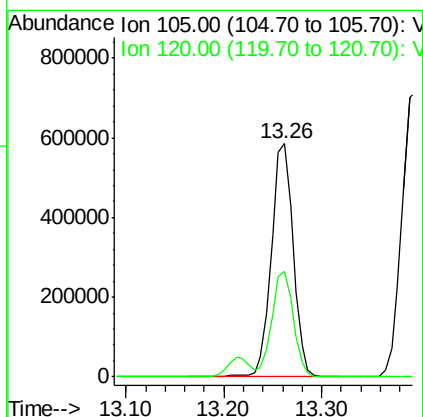
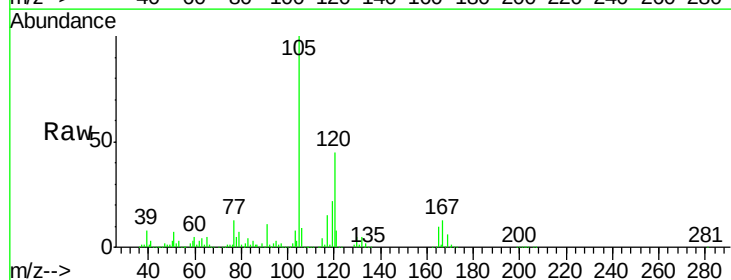
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

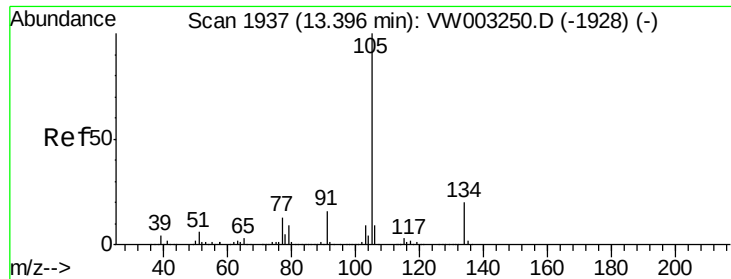
Tgt Ion:119 Resp: 755259
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.9 101.7
 134 26.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 72.08 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion:105 Resp: 911040
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 72.57 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

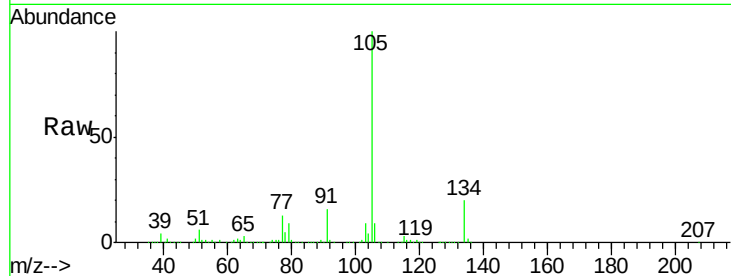
VSTDIC075

Tgt Ion:105 Resp: 1110250

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

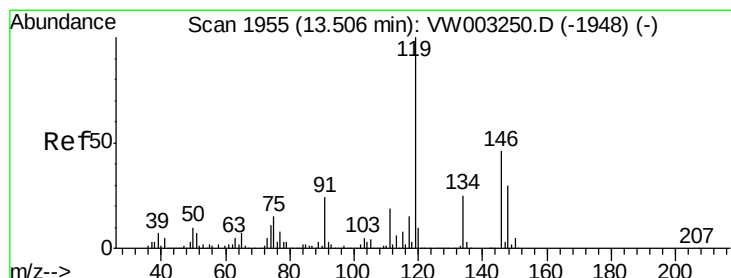
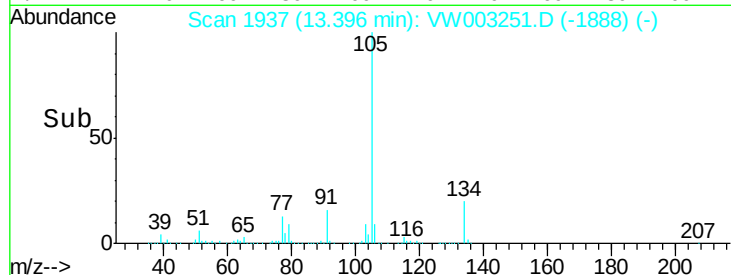
400000

200000

0

13.30 13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 72.66 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

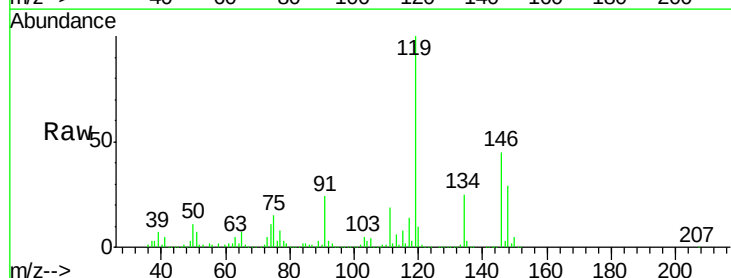
Tgt Ion:119 Resp: 994005

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

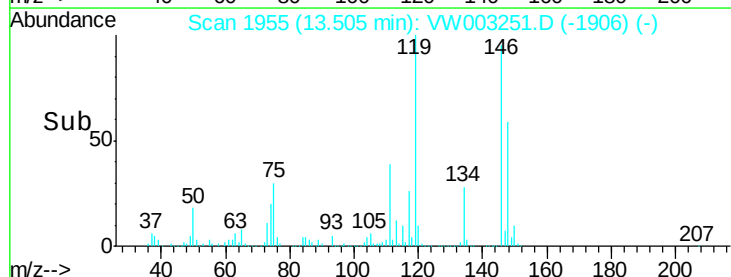
400000

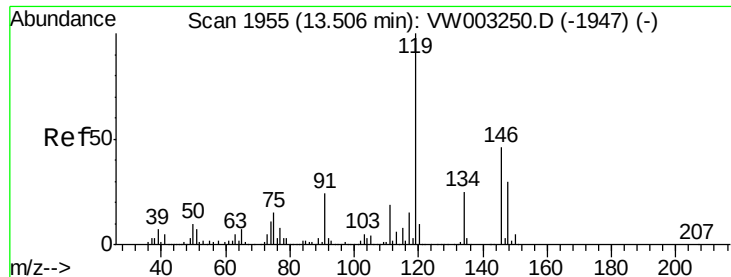
200000

0

13.40 13.50 13.60

Time-->

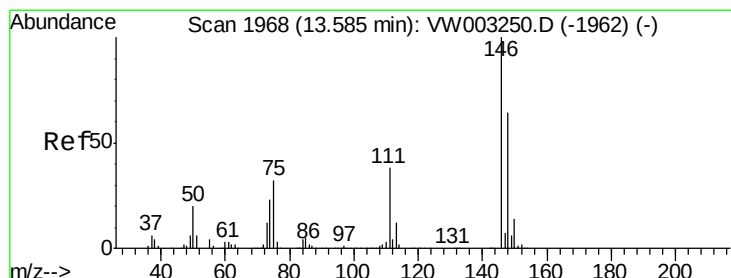
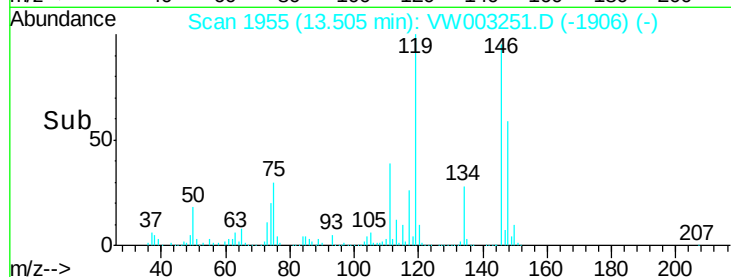
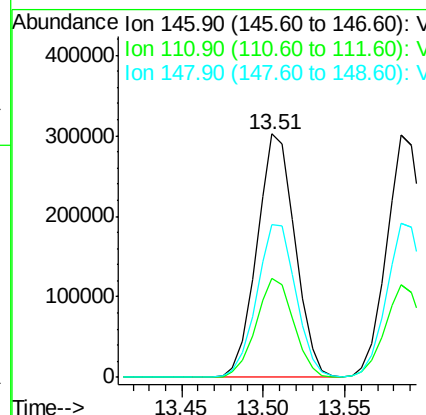
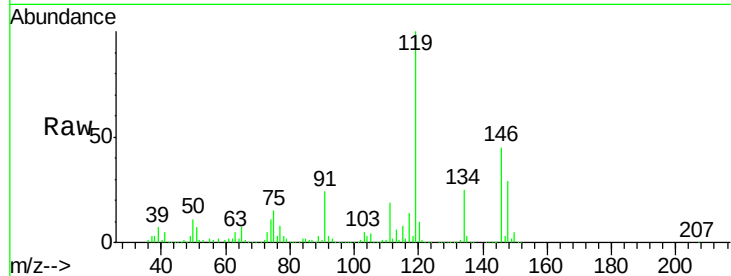




#87
 1,3-Dichlorobenzene
 Concen: 70.28 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

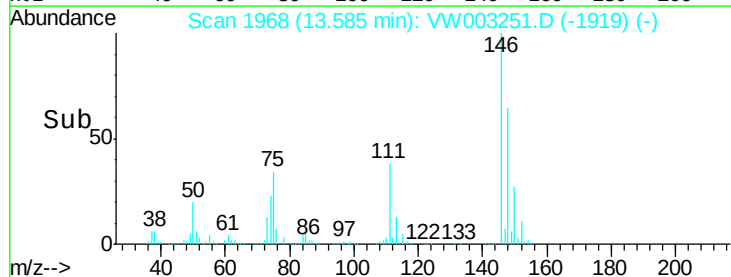
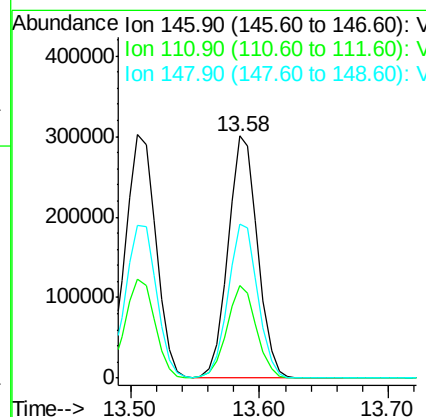
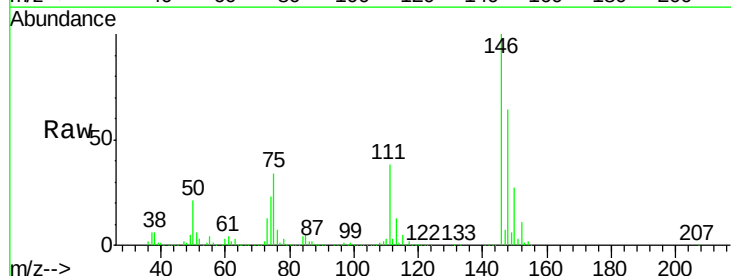
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

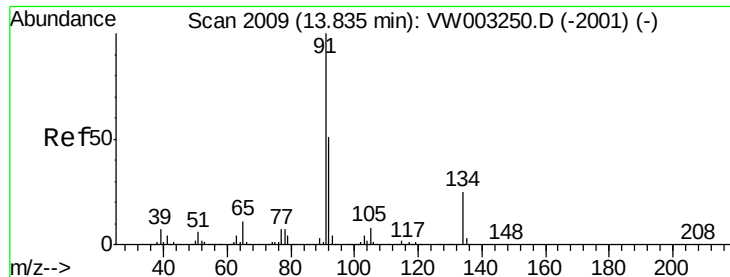
Tgt Ion:146 Resp: 489447
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.8 59.4
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 69.17 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion:146 Resp: 481133
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.2 57.6
 148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 74.27 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW003251.D

Acq: 13 Jun 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

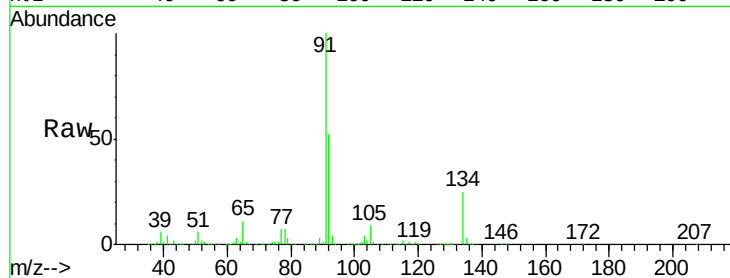
Tgt Ion: 91 Resp: 961350

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

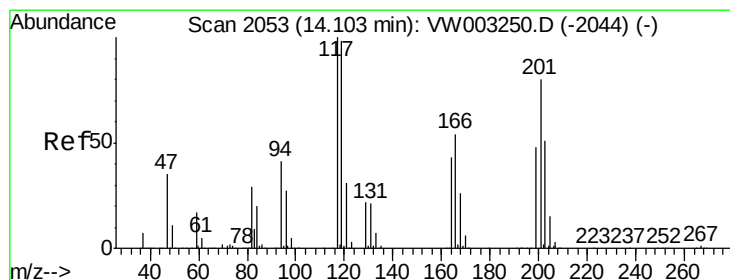
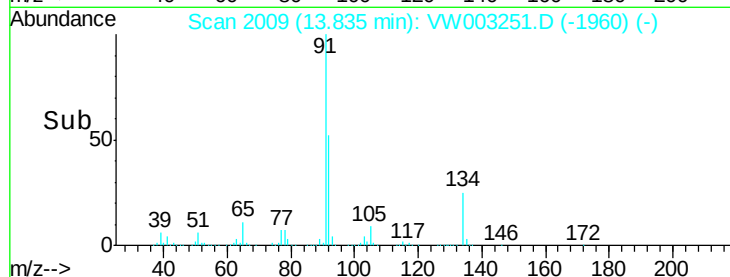
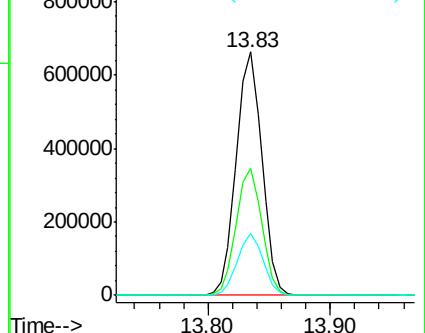
134 25.3 12.7 38.0



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: 74.03 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW003251.D

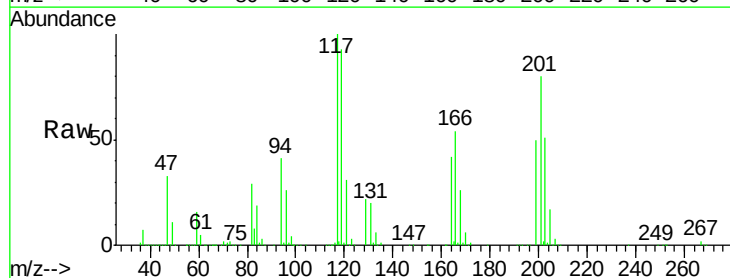
Acq: 13 Jun 2018 17:50

Tgt Ion: 117 Resp: 179845

Ion Ratio Lower Upper

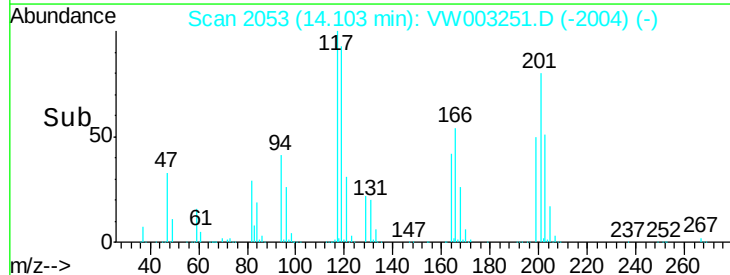
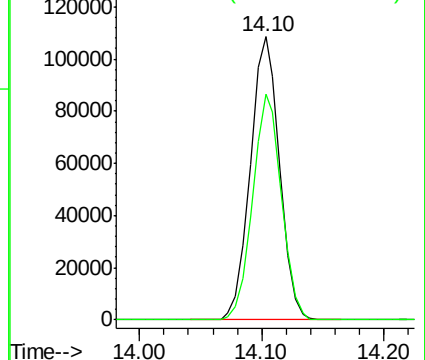
117 100

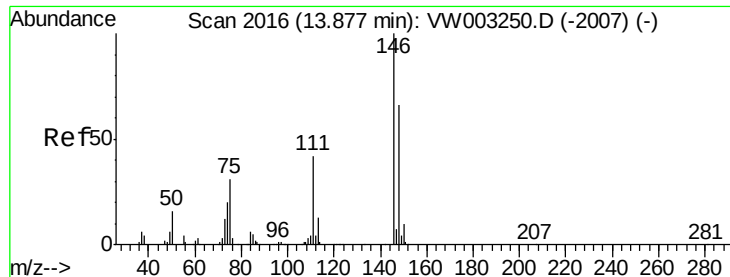
201 78.5 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

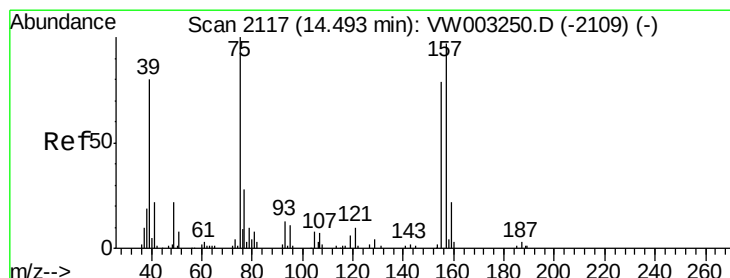
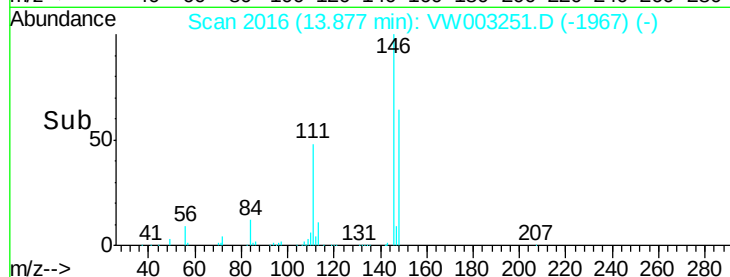
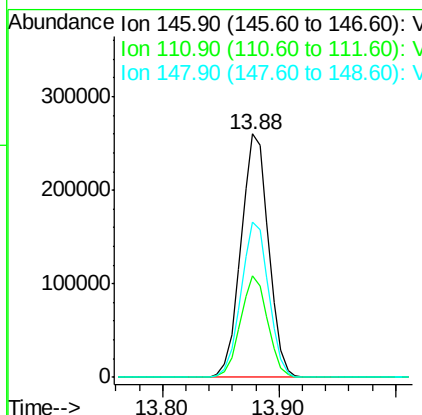
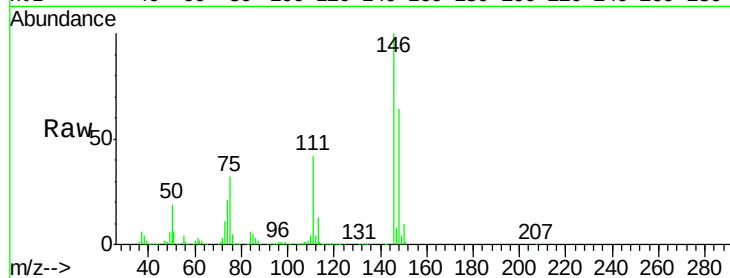




#91
 1,2-Dichlorobenzene
 Concen: 69.30 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

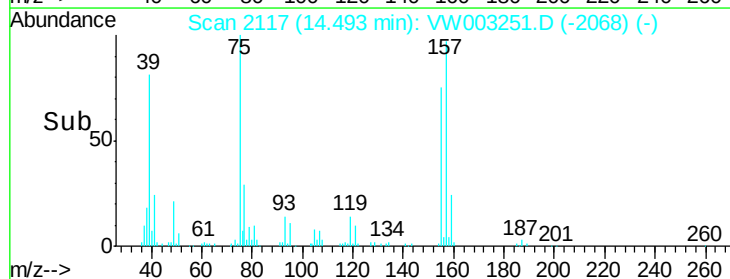
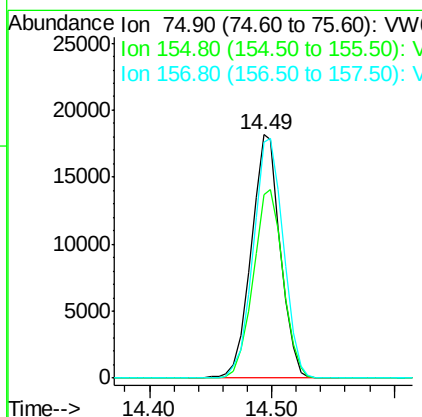
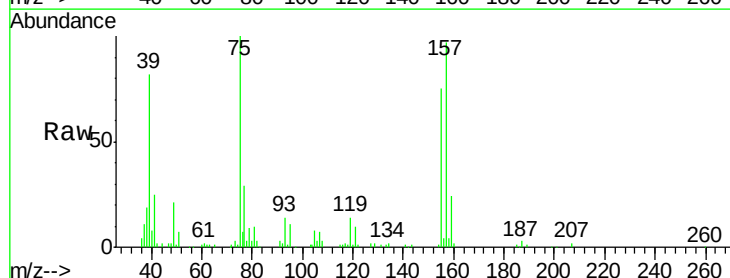
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

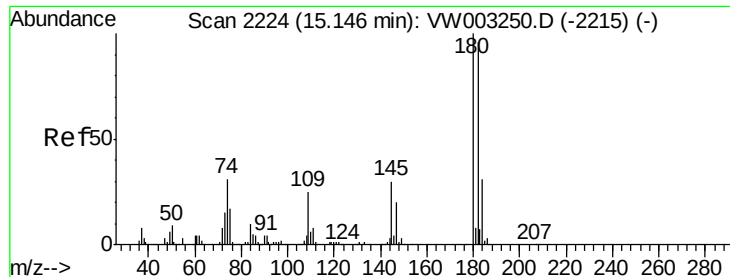
Tgt Ion: 146 Resp: 429743
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 64.0 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 69.80 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion: 75 Resp: 29964
 Ion Ratio Lower Upper
 75 100
 155 79.7 39.4 118.2
 157 102.3 51.5 154.5

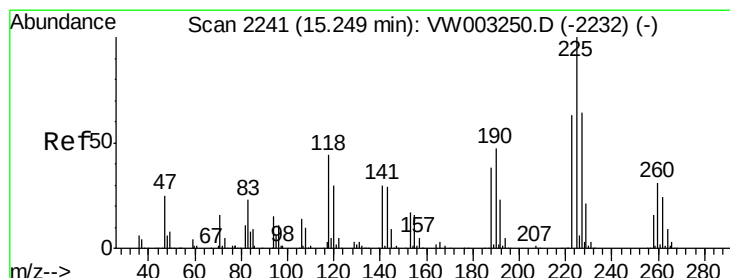
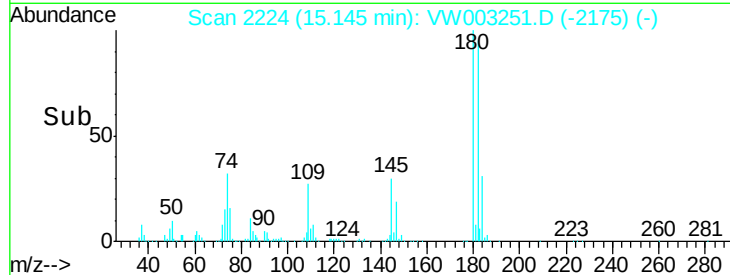
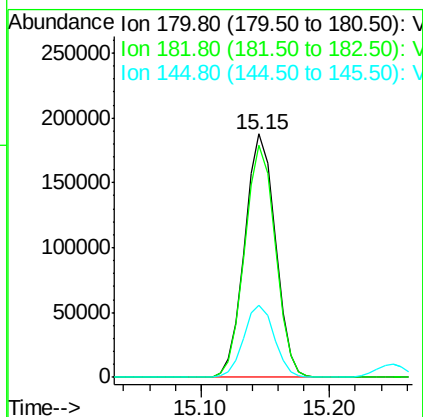
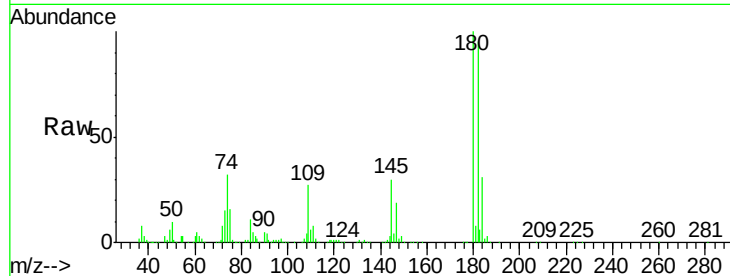




#93
 1,2,4-Trichlorobenzene
 Concen: 69.73 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

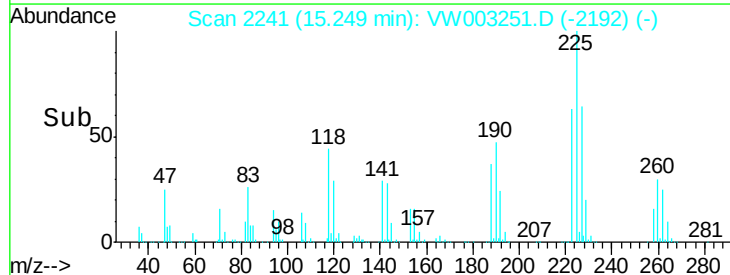
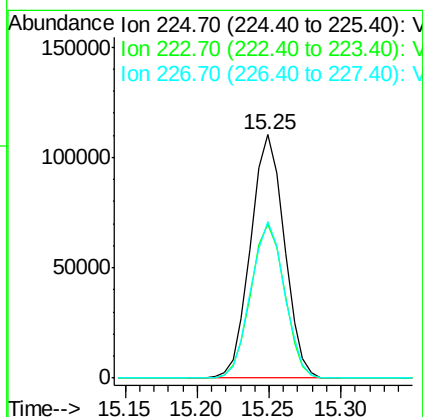
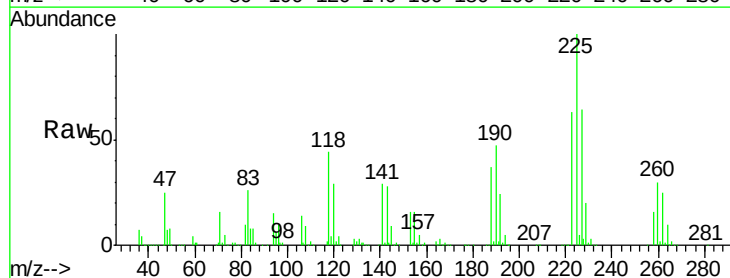
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

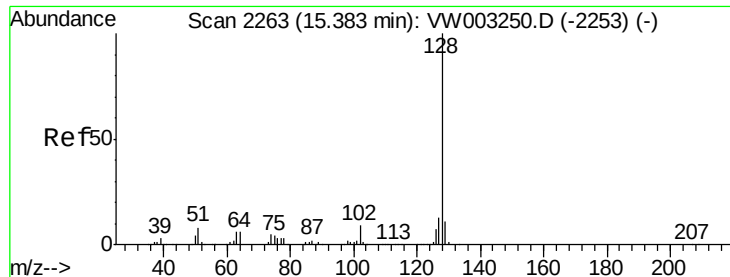
Tgt Ion:180 Resp: 307871
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 29.7 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 69.15 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003251.D
 Acq: 13 Jun 2018 17:50

Tgt Ion:225 Resp: 178897
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.6 92.0
 227 63.9 31.7 95.1

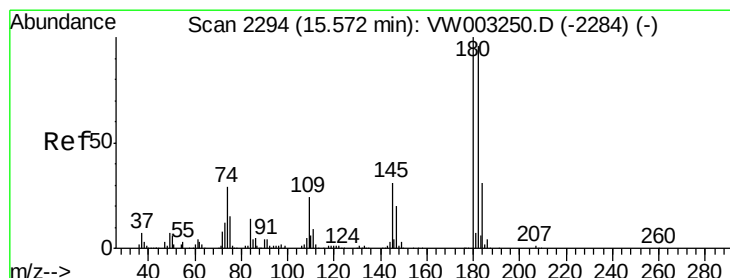
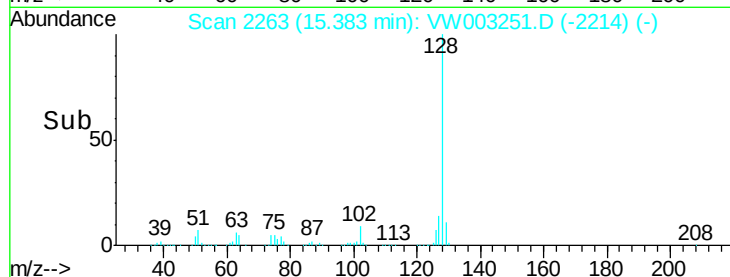
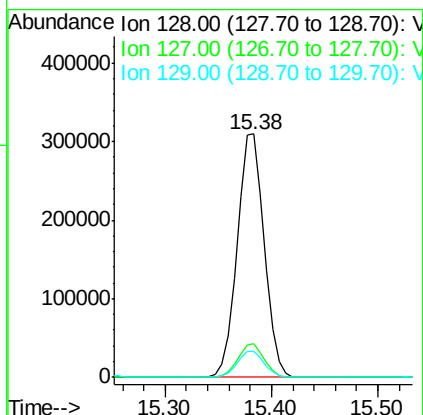
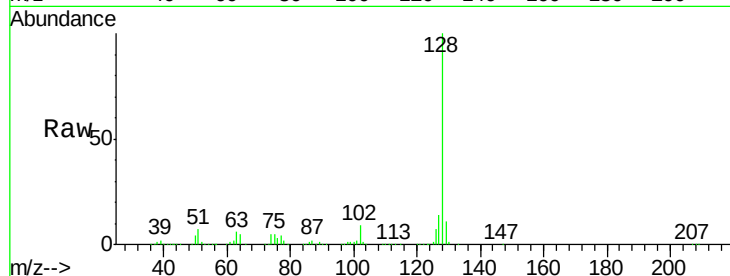




#95
Naphthalene
Concen: 70.51 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 69.06 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW003251.D
Acq: 13 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.6
145	31.5	15.8	47.4

