

Data File : VW003252.D
Acq On : 13 Jun 2018 18:15
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Jun 14 07:55:00 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	287411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	441718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	406382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	316448	111.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.92%	
35) Dibromofluoromethane	7.88	113	284162	108.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.88%	
50) Toluene-d8	10.33	98	1155209	114.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.08%	
62) 4-Bromofluorobenzene	12.63	95	413408	112.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	224.90%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	87693	105.07	ug/l	95
3) Chloromethane	2.21	50	209412	95.03	ug/l	95
4) Vinyl Chloride	2.36	62	304278	89.31	ug/l	100
5) Bromomethane	2.78	94	202240	82.02	ug/l	97
6) Chloroethane	2.92	64	217406	84.41	ug/l	99
7) Trichlorofluoromethane	3.25	101	180962	94.88	ug/l	95
8) Diethyl Ether	3.68	74	132804	87.92	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	254236	98.97	ug/l	99
10) Methyl Iodide	4.26	142	389203	92.36	ug/l	99
11) Tert butyl alcohol	5.25	59	93667	503.99	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	248885	96.20	ug/l	98
13) Acrolein	3.90	56	102059	526.38	ug/l	98
14) Allyl chloride	4.66	41	445394	103.80	ug/l	100
15) Acrylonitrile	5.38	53	291070	497.97	ug/l	99
16) Acetone	4.15	43	300838	530.80	ug/l	99
17) Carbon Disulfide	4.37	76	731529	93.74	ug/l	98
18) Methyl Acetate	4.68	43	148844	102.02	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	487601	100.21	ug/l	98
20) Methylene Chloride	4.91	84	263147	91.78	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	276590	98.14	ug/l	100
22) Diisopropyl ether	6.31	45	924334	105.66	ug/l	98
23) Vinyl Acetate	6.26	43	2769027	537.73	ug/l	100
24) 1,1-Dichloroethane	6.21	63	525335	101.90	ug/l	99
25) 2-Butanone	7.19	43	406508	522.92	ug/l	98
26) 2,2-Dichloropropane	7.17	77	335106	105.41	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	306308	98.94	ug/l	99
28) Bromochloromethane	7.51	49	238828	114.80	ug/l	99
29) Tetrahydrofuran	7.54	42	259993	518.59	ug/l	99
30) Chloroform	7.68	83	540216	101.94	ug/l	100
31) Cyclohexane	7.96	56	471076	96.76	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	444927	103.65	ug/l	99
36) 1,1-Dichloropropene	8.09	75	422804	101.85	ug/l	100
37) Ethyl Acetate	7.26	43	176443	96.71	ug/l	99
38) Carbon Tetrachloride	8.07	117	423000	104.40	ug/l	99

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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)
39) Methylcyclohexane	9.34	83	514207	104.56	ug/l	99
40) Benzene	8.32	78	1159770	99.77	ug/l	100
41) Methacrylonitrile	7.49	41	113628	108.60	ug/l	99
42) 1,2-Dichloroethane	8.40	62	362727	100.36	ug/l	99
43) Isopropyl Acetate	8.43	43	363829	103.12	ug/l	99
44) Trichloroethene	9.09	130	306757	98.06	ug/l	100
45) 1,2-Dichloropropane	9.37	63	298761	102.37	ug/l	97
46) Dibromomethane	9.46	93	153302	98.28	ug/l	99
47) Bromodichloromethane	9.65	83	397135	104.25	ug/l	99
48) Methyl methacrylate	9.44	41	177616	105.92	ug/l	98
49) 1,4-Dioxane	9.49	88	51319	2122.79	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	943547	526.23	ug/l	99
52) Toluene	10.39	92	756273	101.40	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	423010	107.83	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	473595	106.14	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	216334	100.36	ug/l	98
56) Ethyl methacrylate	10.65	69	295530	110.62	ug/l	99
57) 1,3-Dichloropropane	10.94	76	375022	100.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	626898	514.45	ug/l	98
59) 2-Hexanone	10.98	43	672344	551.02	ug/l	98
60) Dibromochloromethane	11.13	129	269044	103.79	ug/l	100
61) 1,2-Dibromoethane	11.24	107	209120	100.69	ug/l	100
64) Tetrachloroethene	10.87	164	264404	91.88	ug/l	98
65) Chlorobenzene	11.66	112	831057	99.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	299804	102.86	ug/l	99
67) Ethyl Benzene	11.74	91	1531699	103.65	ug/l	100
68) m/p-Xylenes	11.85	106	1168385	206.82	ug/l	98
69) o-Xylene	12.17	106	550914	103.41	ug/l	100
70) Styrene	12.19	104	933496	104.94	ug/l	99
71) Bromoform	12.35	173	163430	104.92	ug/l #	99
73) Isopropylbenzene	12.47	105	1557931	106.43	ug/l	100
74) N-amyl acetate	12.28	43	375619	111.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	254227	101.96	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	352927	188.20	ug/l #	100
77) Bromobenzene	12.76	156	345573	100.14	ug/l	98
78) n-propylbenzene	12.81	91	1889410	108.09	ug/l	100
79) 2-Chlorotoluene	12.90	91	1047791	105.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1286719	105.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	85927	116.22	ug/l	99
82) 4-Chlorotoluene	12.99	91	1100087	103.75	ug/l	100
83) tert-Butylbenzene	13.21	119	1108397	103.15	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1315263	104.31	ug/l	100
85) sec-Butylbenzene	13.40	105	1616075	105.88	ug/l	100
86) p-Isopropyltoluene	13.51	119	1441034	105.59	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	702558	101.12	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	686503	98.93	ug/l	100
89) n-Butylbenzene	13.83	91	1392295	107.82	ug/l	100
90) Hexachloroethane	14.10	117	258798	106.78	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	612442	99.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43291	101.08	ug/l	98

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	438461	99.55	ug/l	99
94) Hexachlorobutadiene	15.25	225	255569	99.02	ug/l	99
95) Naphthalene	15.38	128	791744	101.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	380185	98.07	ug/l	99

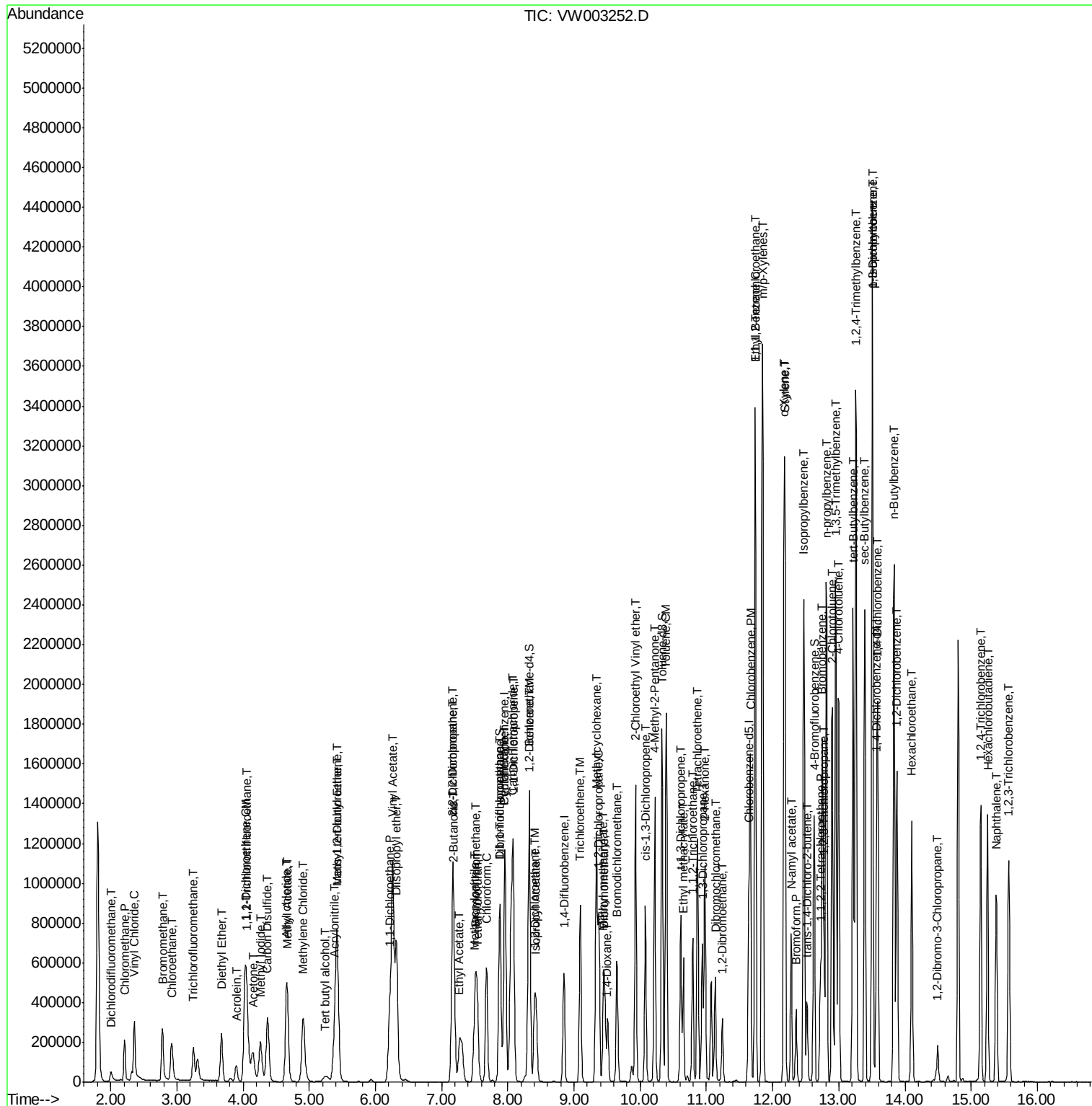
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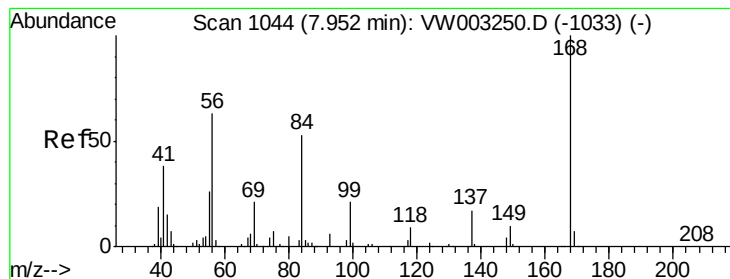
Data File : VW003252.D

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Acq On       : 13 Jun 2018   18:15
Operator     : VA/AP
Sample       : VSTDICC100
Misc         : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial     : 9      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Jun 14 07:55:00 2018
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Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
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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: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

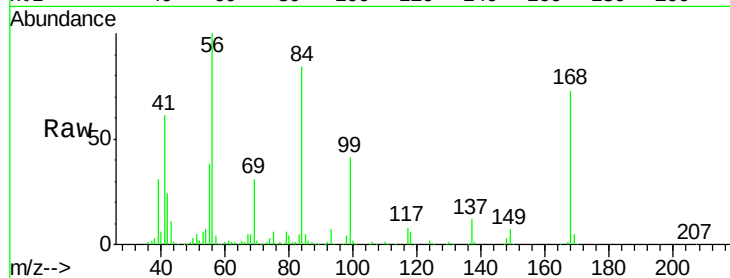
VSTDIC100

Tgt Ion:168 Resp: 287411

Ion Ratio Lower Upper

168 100

99 55.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

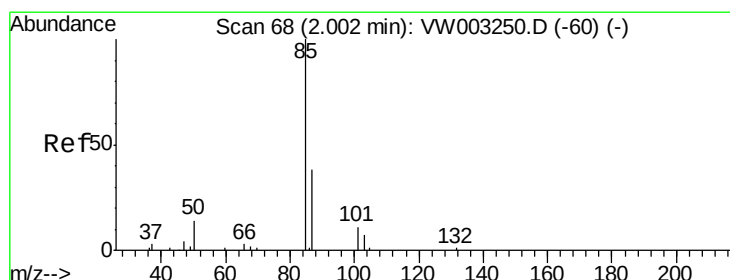
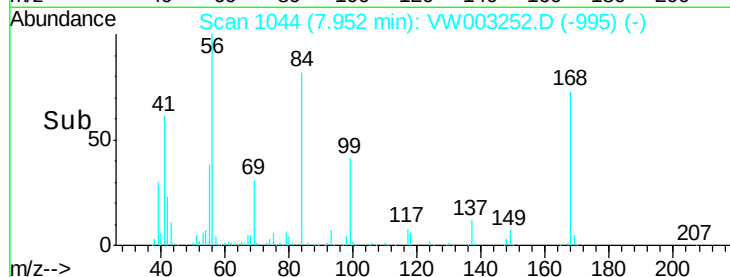
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 105.07 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003252.D

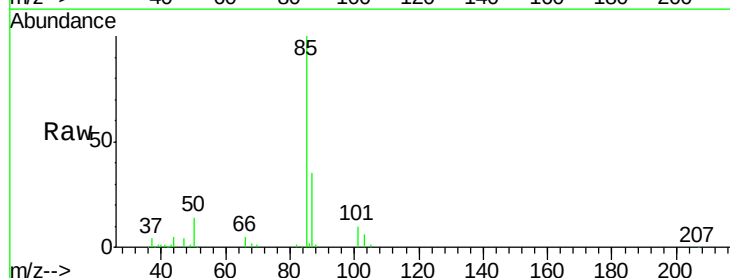
Acq: 13 Jun 2018 18:15

Tgt Ion: 85 Resp: 87693

Ion Ratio Lower Upper

85 100

87 35.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

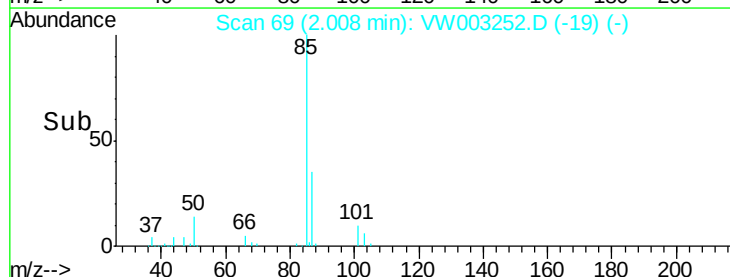
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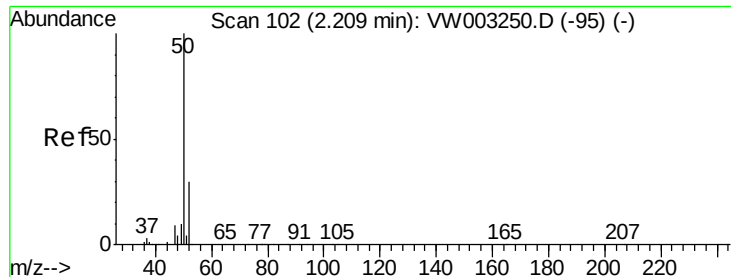
10000

5000

0

Time-->





#3

Chloromethane

Concen: 95.03 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

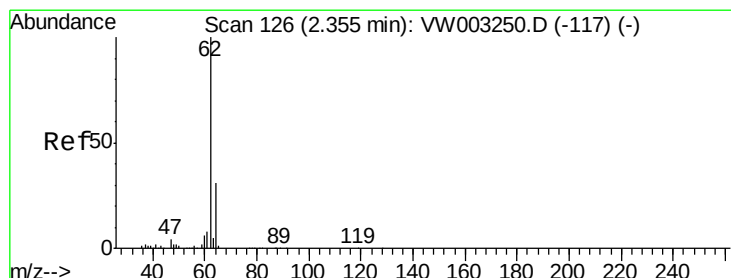
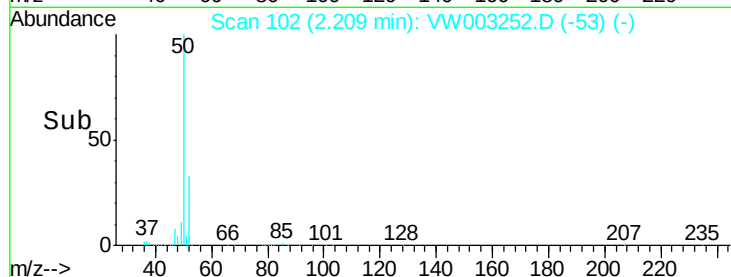
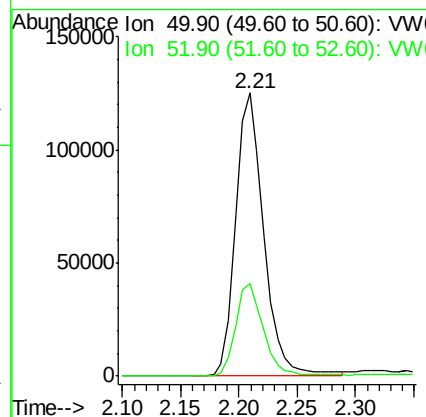
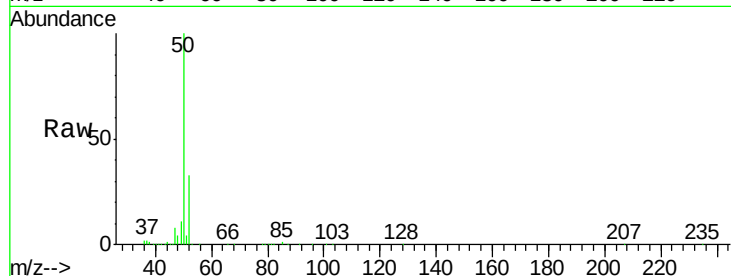
VSTDICC100

Tgt Ion: 50 Resp: 209412

Ion Ratio Lower Upper

50 100

52 32.8 24.2 36.2



#4

Vinyl Chloride

Concen: 89.31 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003252.D

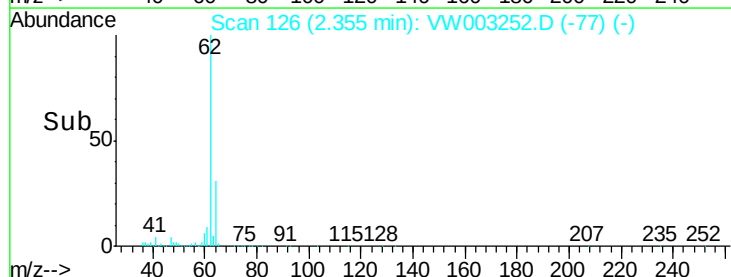
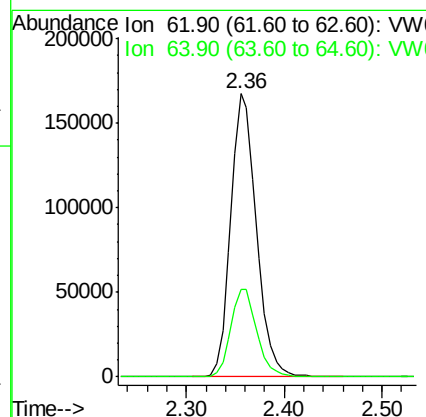
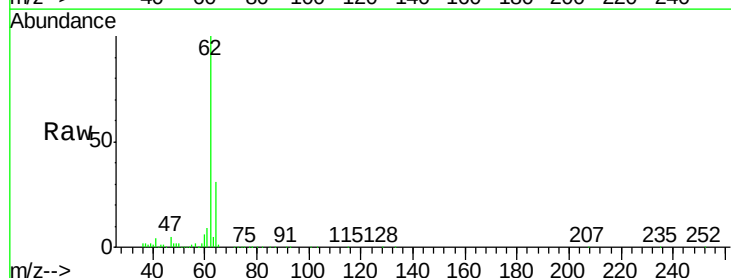
Acq: 13 Jun 2018 18:15

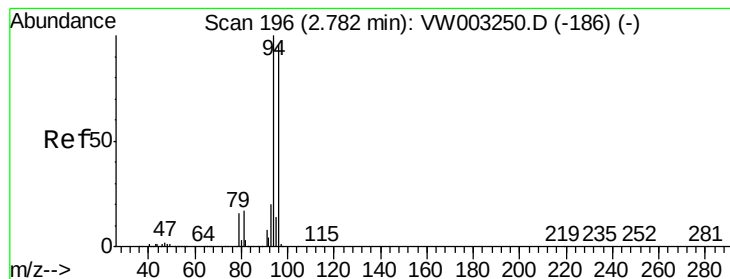
Tgt Ion: 62 Resp: 304278

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3





#5

Bromomethane

Concen: 82.02 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

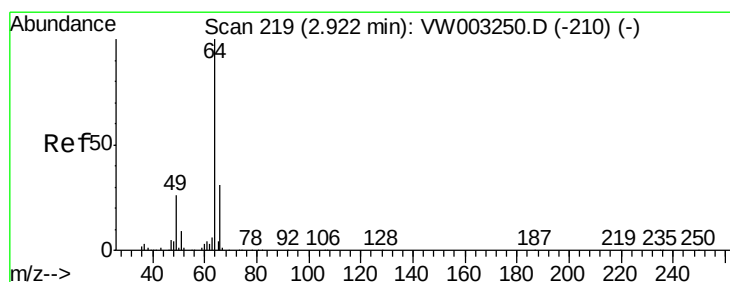
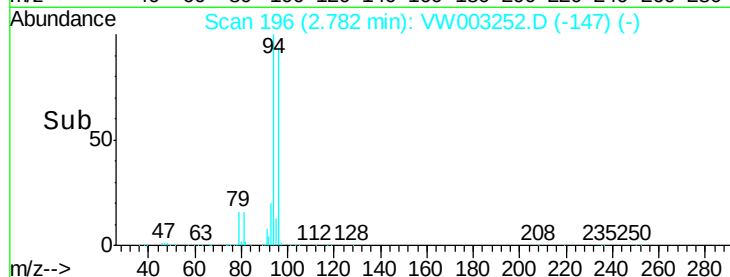
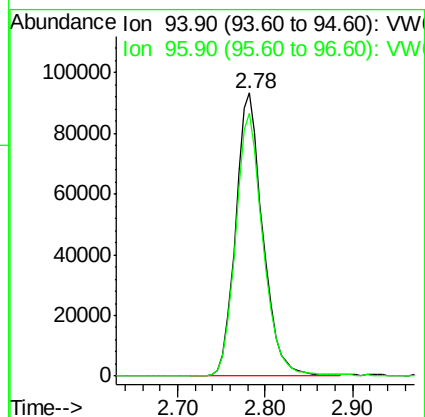
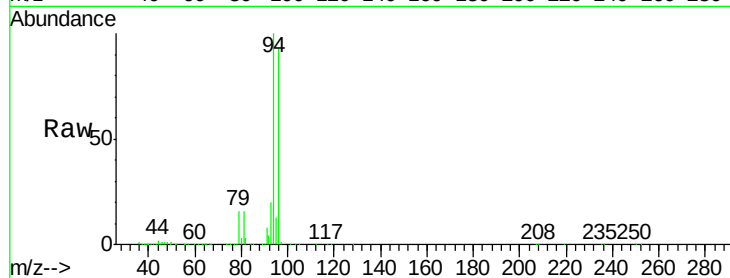
VSTDIC100

Tgt Ion: 94 Resp: 202240

Ion Ratio Lower Upper

94 100

96 92.9 76.5 114.7



#6

Chloroethane

Concen: 84.41 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003252.D

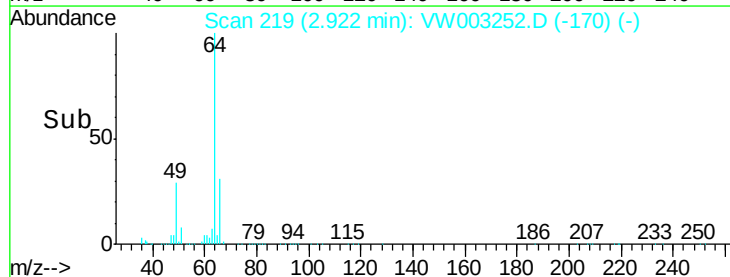
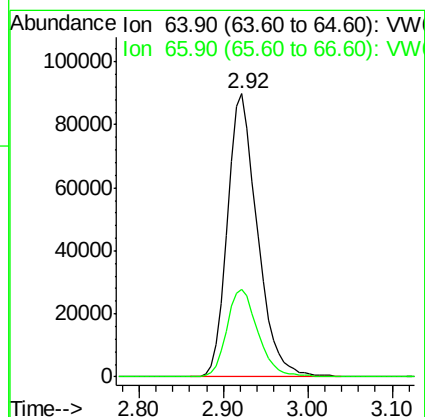
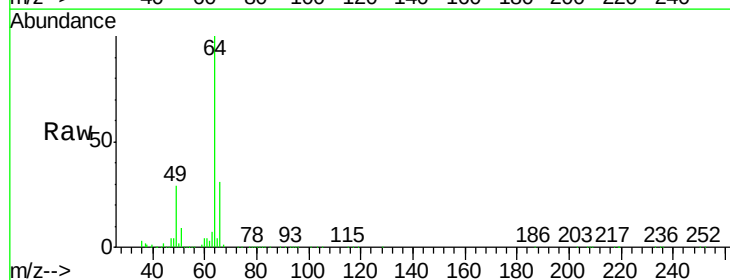
Acq: 13 Jun 2018 18:15

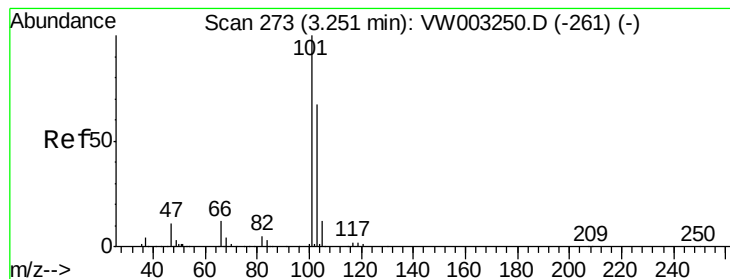
Tgt Ion: 64 Resp: 217406

Ion Ratio Lower Upper

64 100

66 30.9 24.4 36.6





#7

Trichlorofluoromethane

Concen: 94.88 ug/l

RT: 3.25 min Scan# 273

Delta R.T. 0.00 min

Lab File: VW003252.D

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Instrument :

MSVOA_W

ClientSampleId :

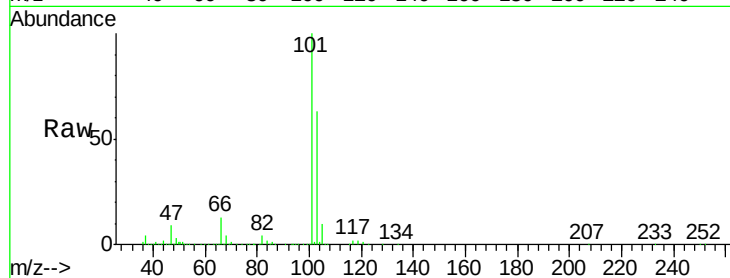
VSTDIC100

Tgt Ion: 101 Resp: 180962

Ion Ratio Lower Upper

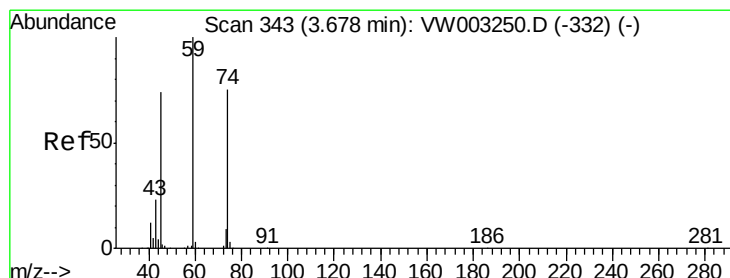
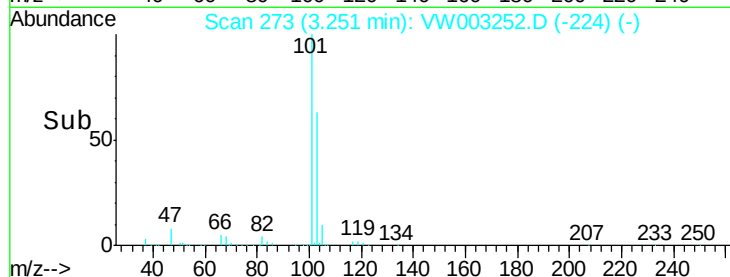
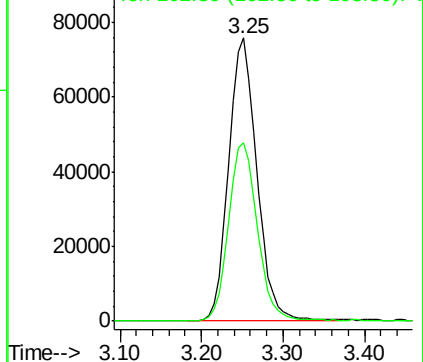
101 100

103 63.1 53.4 80.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 87.92 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003252.D

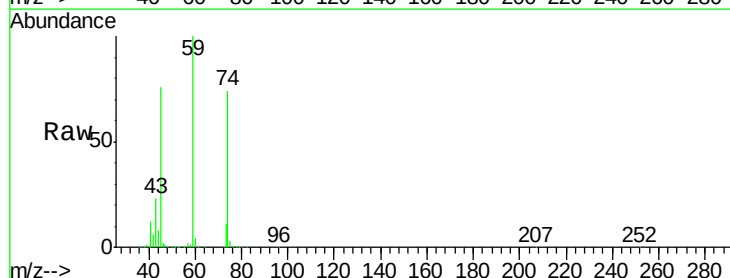
Acq: 13 Jun 2018 18:15

Tgt Ion: 74 Resp: 132804

Ion Ratio Lower Upper

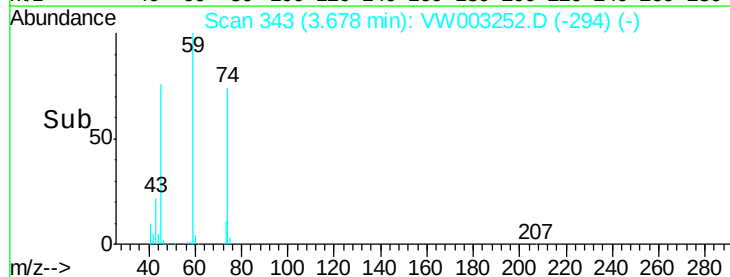
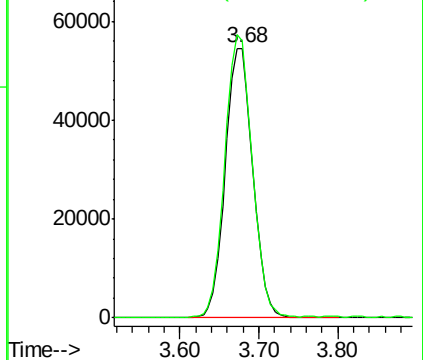
74 100

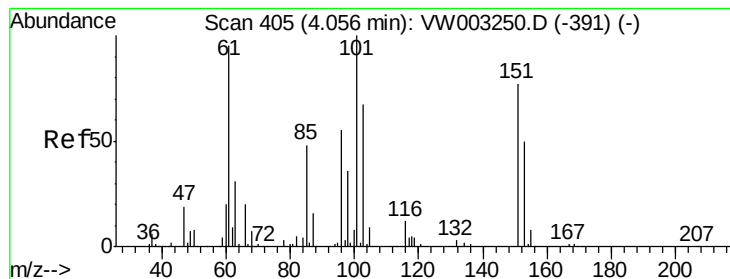
45 103.9 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.97 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

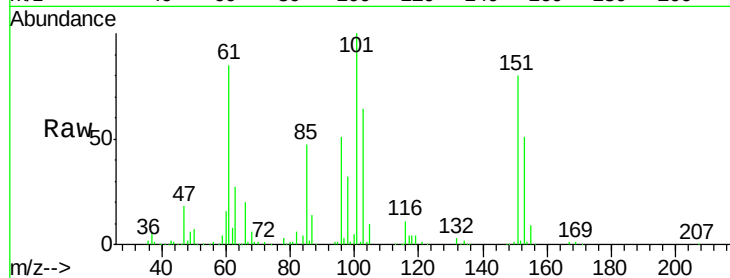
Tgt Ion:101 Resp: 254236

Ion Ratio Lower Upper

101 100

85 46.6 37.0 55.6

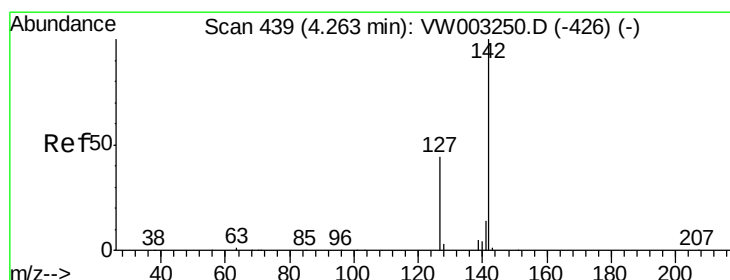
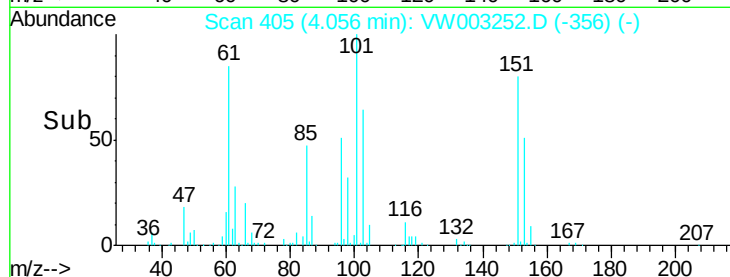
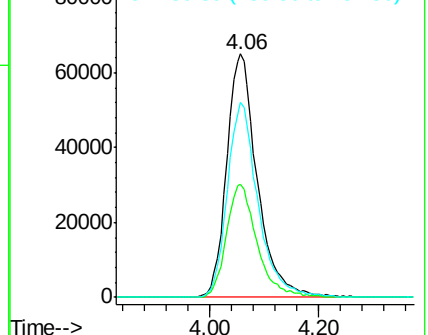
151 80.7 63.3 94.9



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: 92.36 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

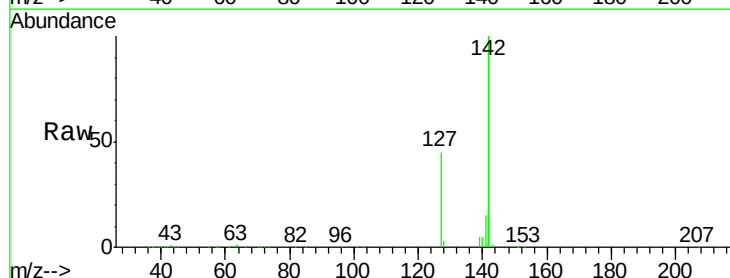
Tgt Ion:142 Resp: 389203

Ion Ratio Lower Upper

142 100

127 45.0 36.5 54.7

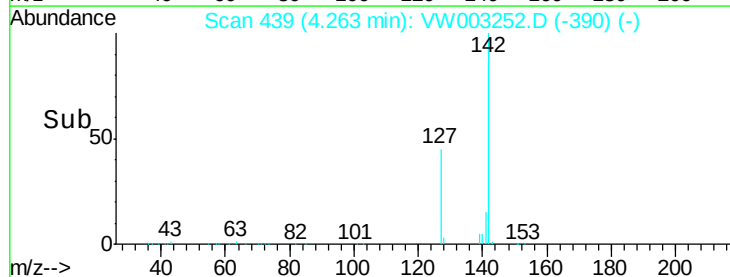
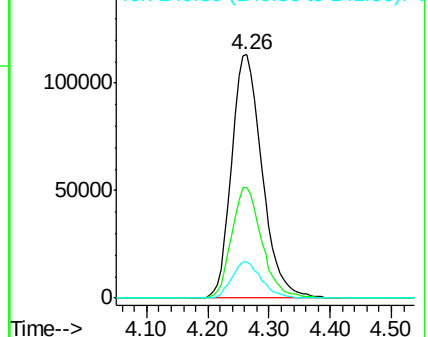
141 14.6 12.1 18.1

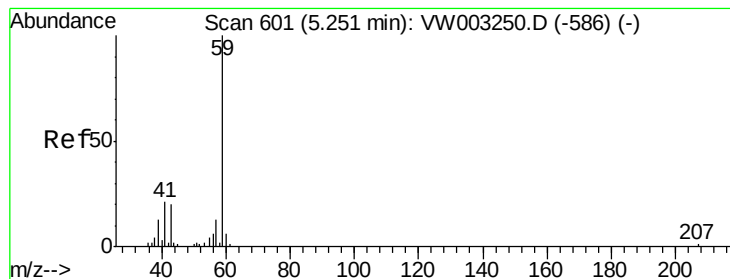


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 503.99 ug/l

RT: 5.25 min Scan# 601

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

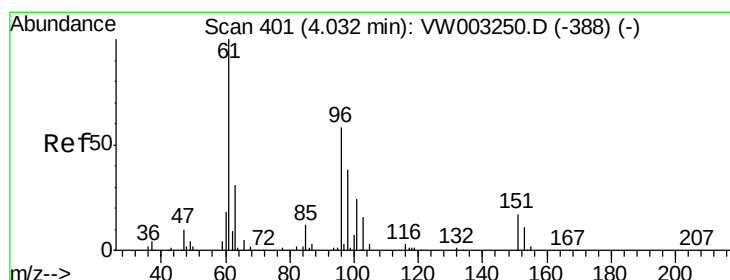
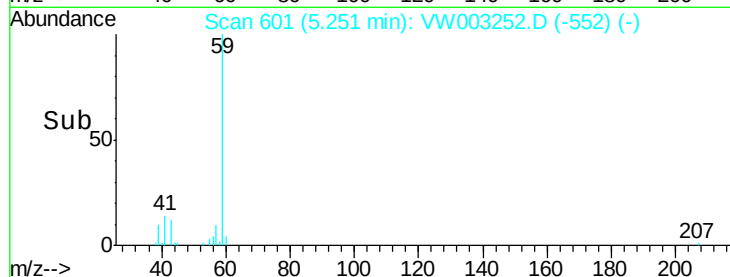
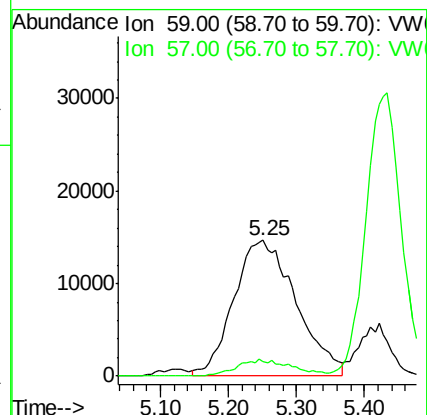
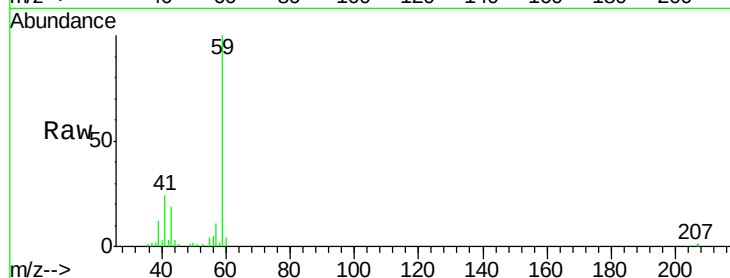
VSTDIC100

Tgt Ion: 59 Resp: 93667

Ion Ratio Lower Upper

59 100

57 10.2 4.2 6.2#



#12

1,1-Dichloroethene

Concen: 96.20 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

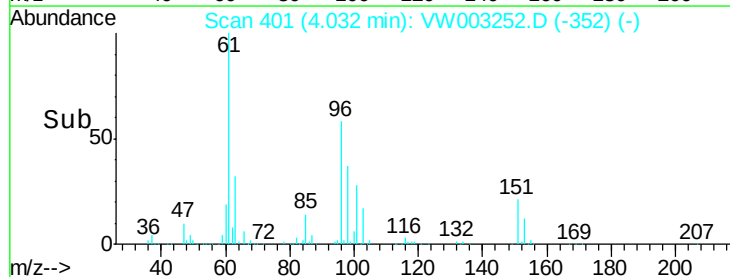
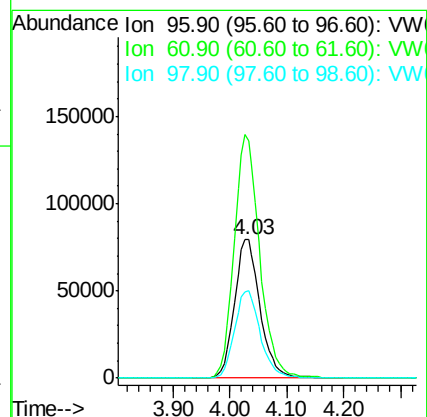
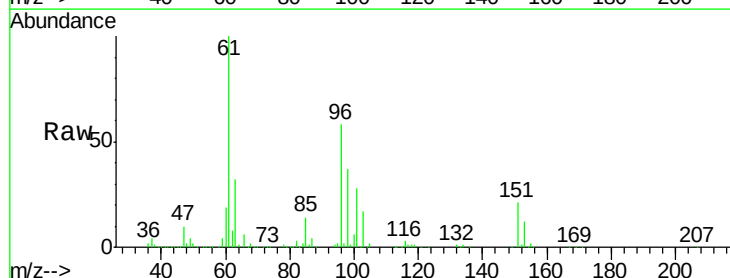
Tgt Ion: 96 Resp: 248885

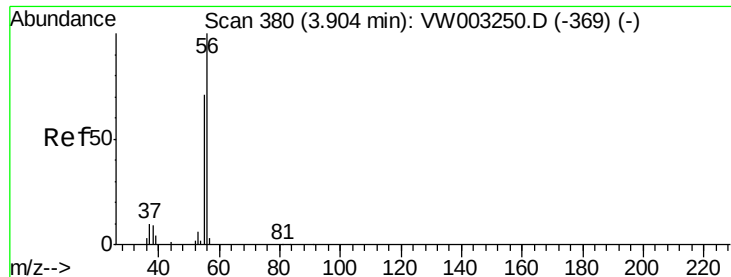
Ion Ratio Lower Upper

96 100

61 171.7 139.0 208.4

98 63.5 53.3 79.9





#13

Acrolein

Concen: 526.38 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

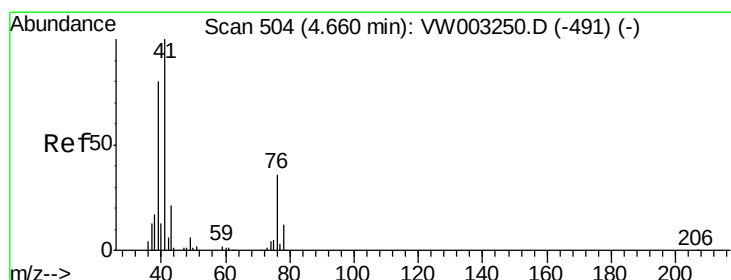
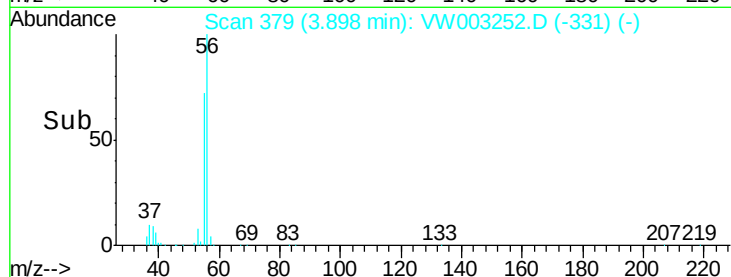
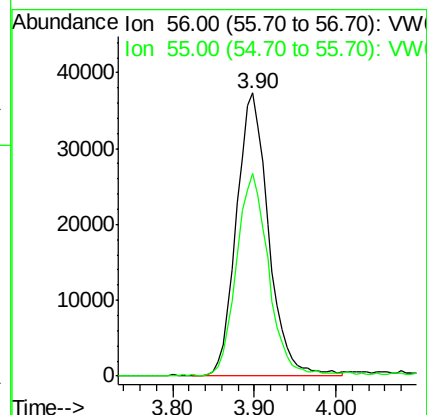
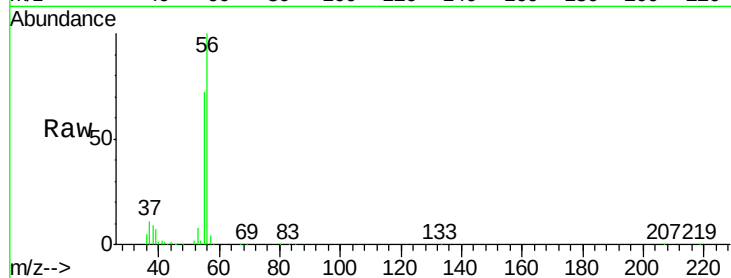
VSTDIC100

Tgt Ion: 56 Resp: 102059

Ion Ratio Lower Upper

56 100

55 70.9 55.4 83.2



#14

Allyl chloride

Concen: 103.80 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

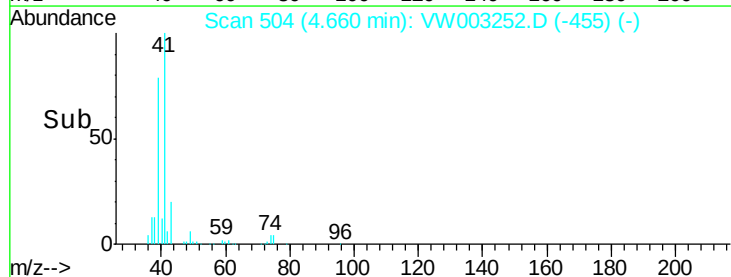
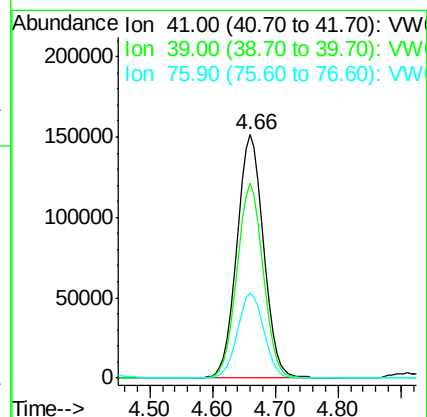
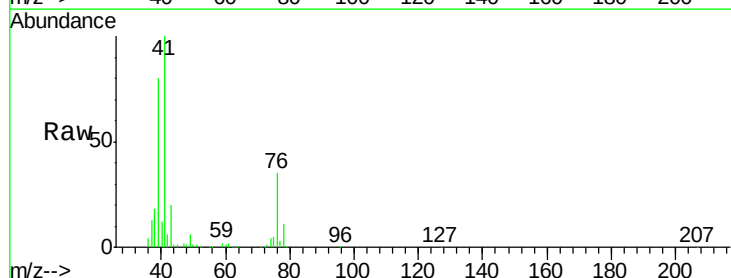
Tgt Ion: 41 Resp: 445394

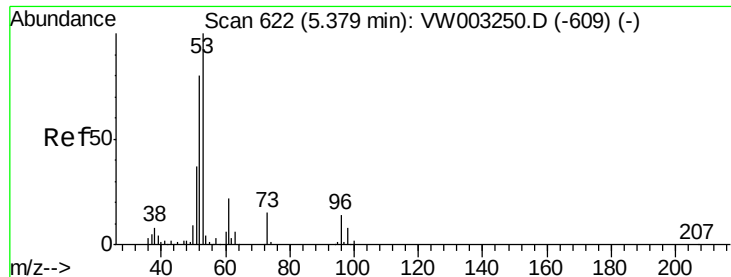
Ion Ratio Lower Upper

41 100

39 78.9 63.2 94.8

76 34.5 28.0 42.0





#15

Acrylonitrile

Concen: 497.97 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

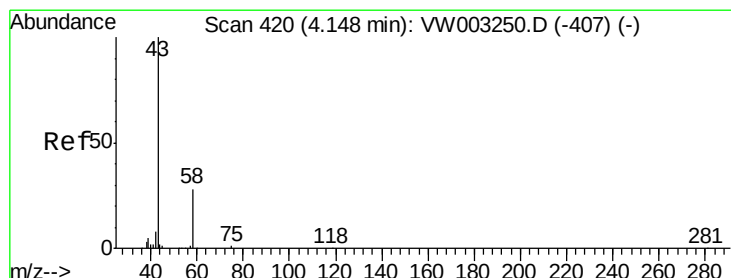
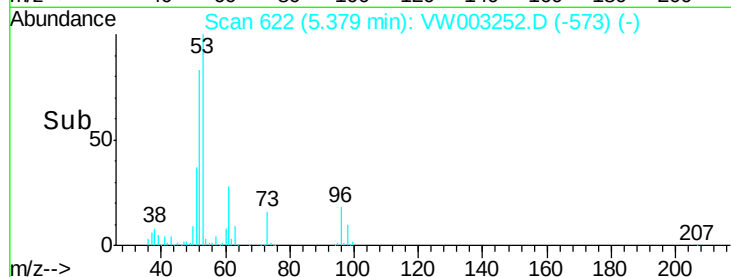
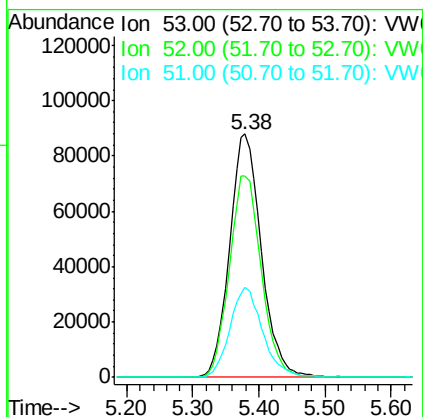
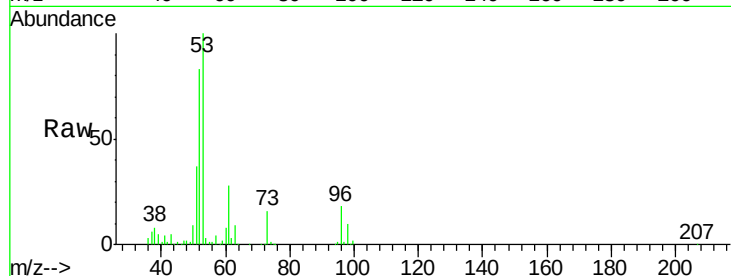
Tgt Ion: 53 Resp: 291070

Ion Ratio Lower Upper

53 100

52 84.0 66.6 100.0

51 37.9 30.6 46.0



#16

Acetone

Concen: 530.80 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003252.D

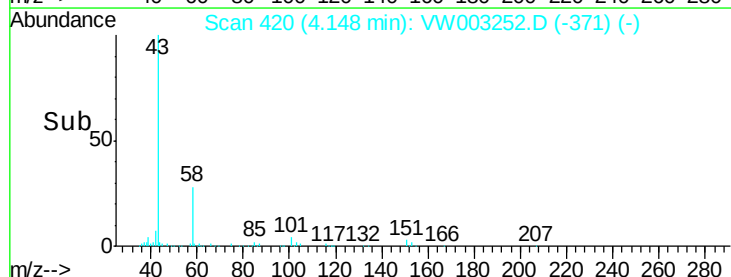
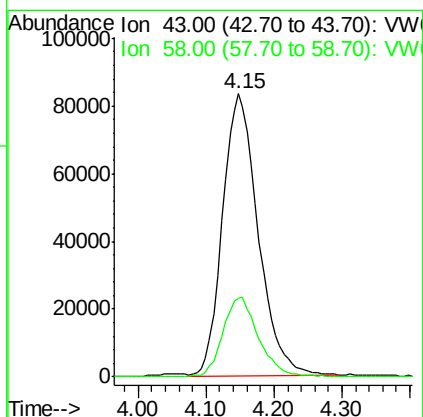
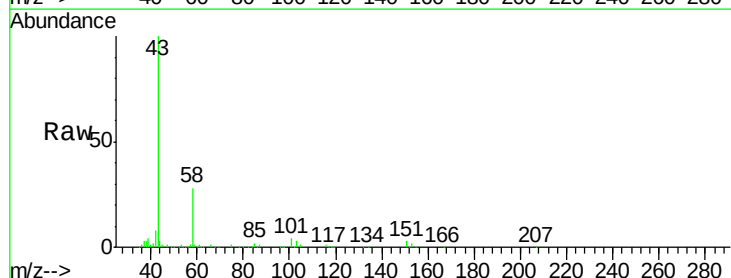
Acq: 13 Jun 2018 18:15

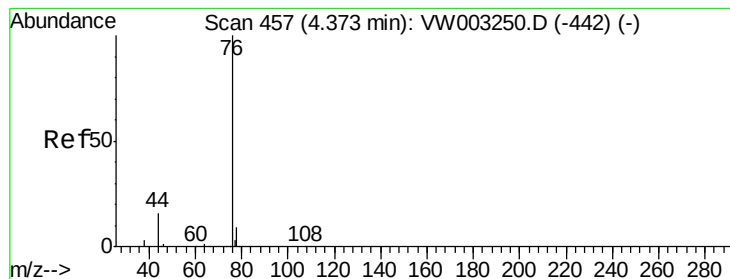
Tgt Ion: 43 Resp: 300838

Ion Ratio Lower Upper

43 100

58 28.0 22.6 34.0





#17

Carbon Disulfide

Concen: 93.74 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

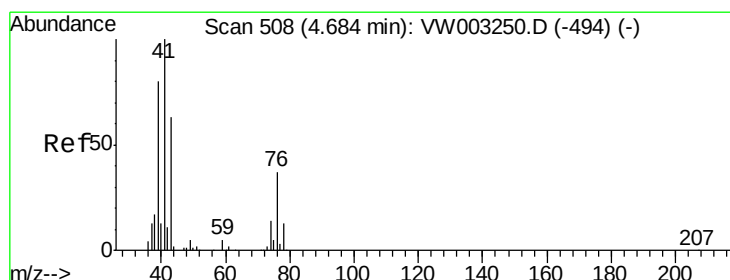
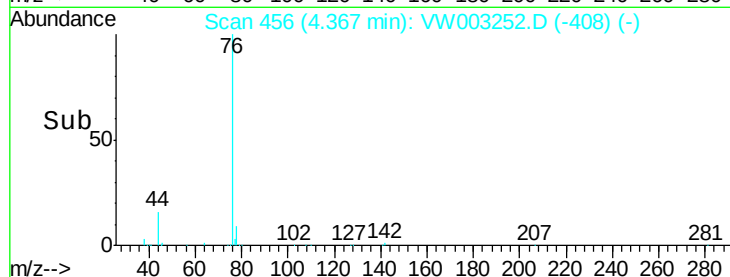
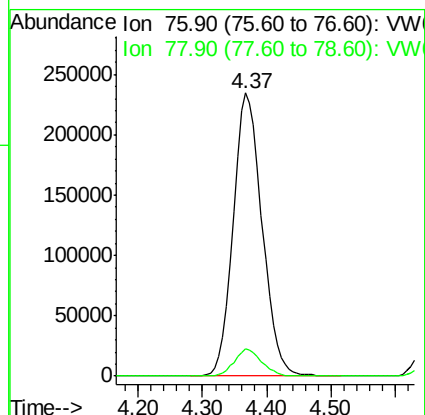
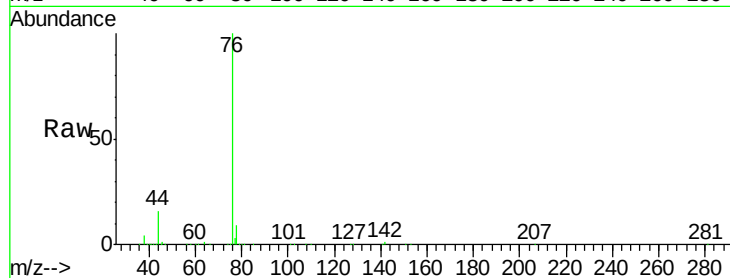
VSTDIC100

Tgt Ion: 76 Resp: 731529

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#18

Methyl Acetate

Concen: 102.02 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003252.D

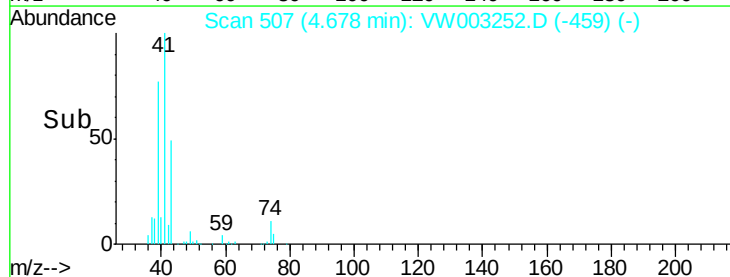
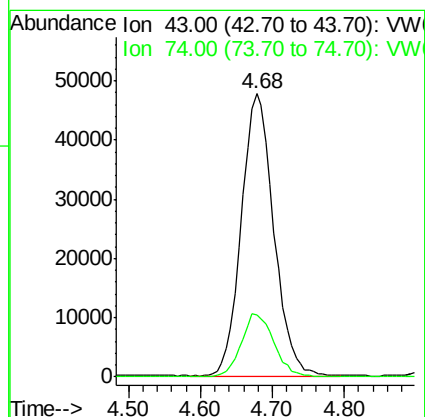
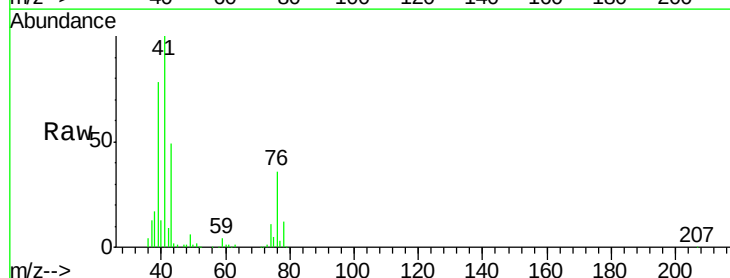
Acq: 13 Jun 2018 18:15

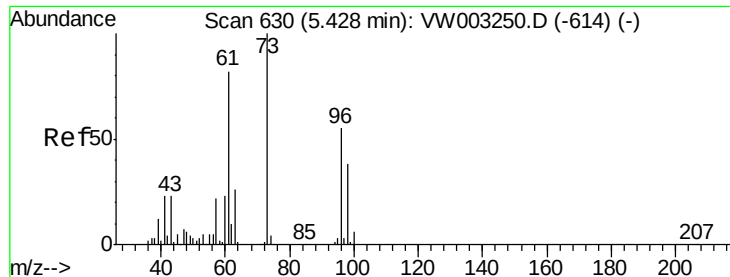
Tgt Ion: 43 Resp: 148844

Ion Ratio Lower Upper

43 100

74 22.6 18.7 28.1

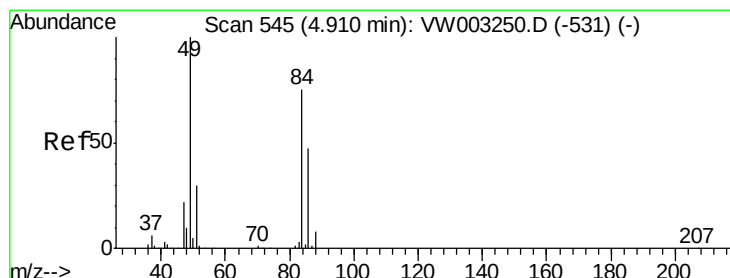
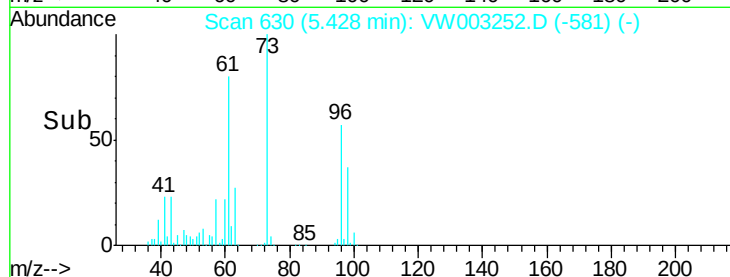
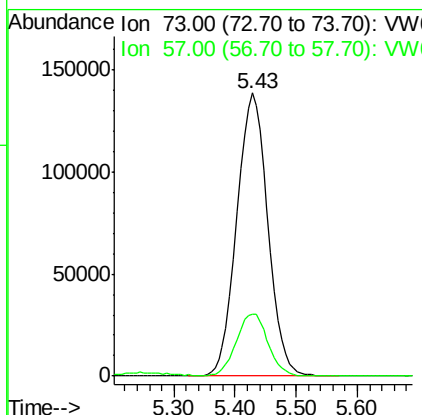
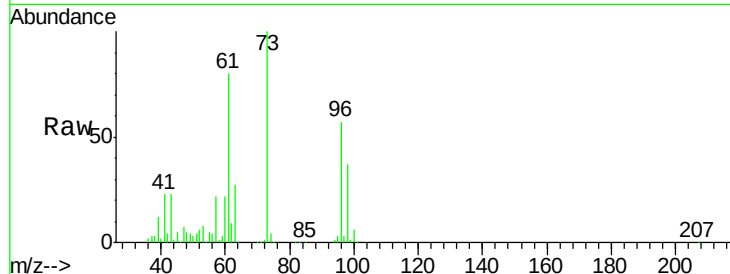




#19
Methyl tert-butyl Ether
Concen: 100.21 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

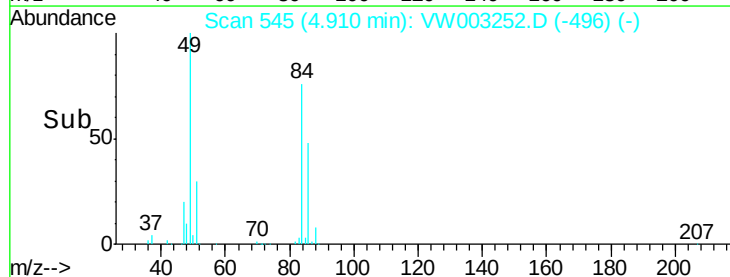
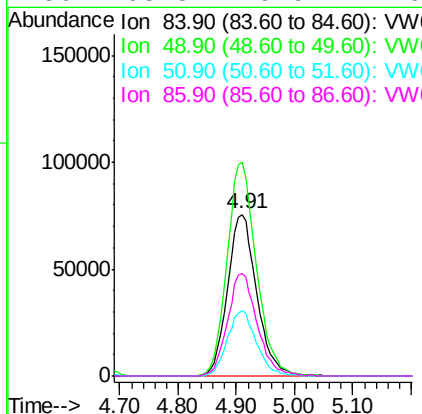
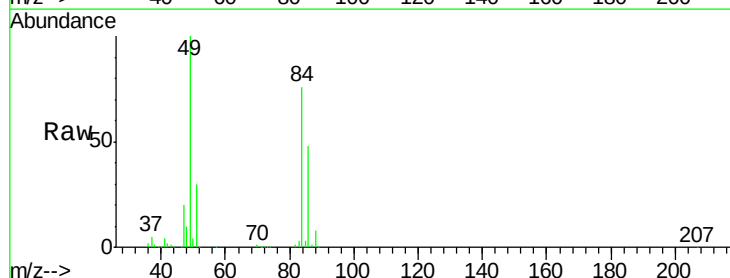
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

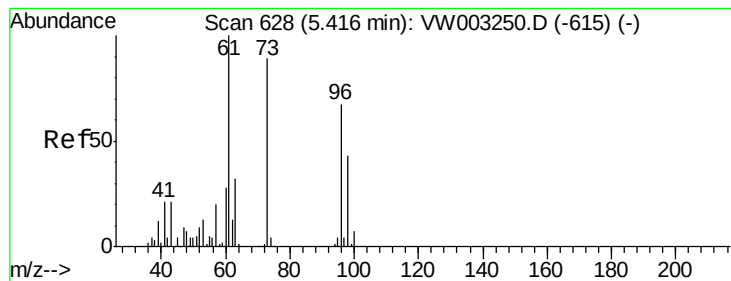
Tgt Ion: 73 Resp: 487601
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 91.78 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 84 Resp: 263147
Ion Ratio Lower Upper
84 100
49 132.3 106.3 159.5
51 40.3 32.0 48.0
86 63.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 98.14 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

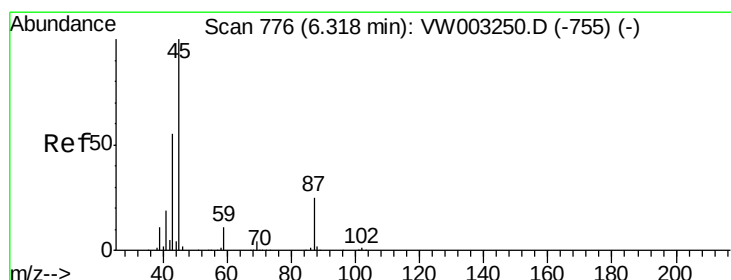
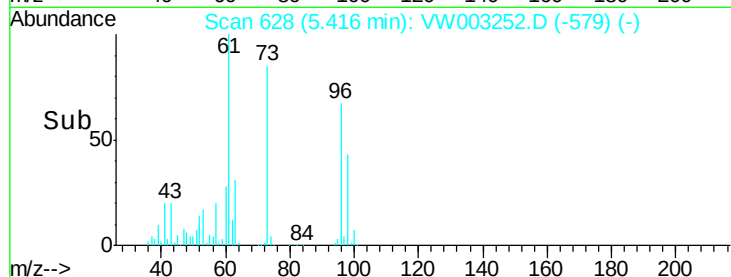
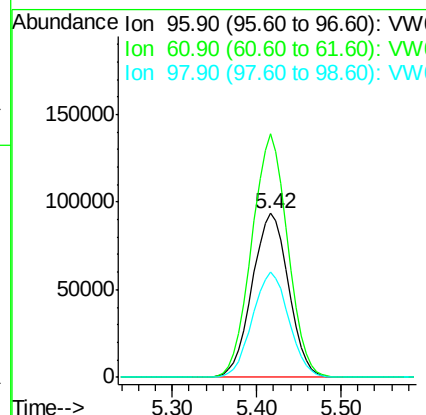
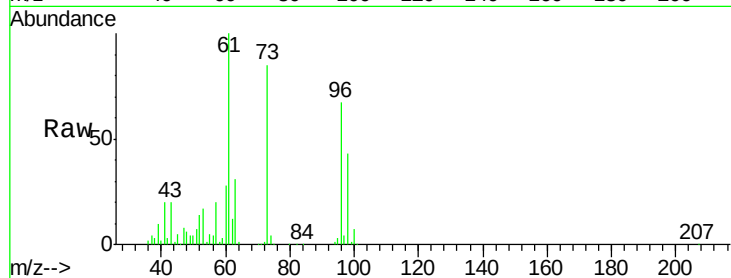
Tgt Ion: 96 Resp: 276590

Ion Ratio Lower Upper

96 100

61 148.6 118.7 178.1

98 64.2 51.0 76.6



#22

Diisopropyl ether

Concen: 105.66 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion: 45 Resp: 924334

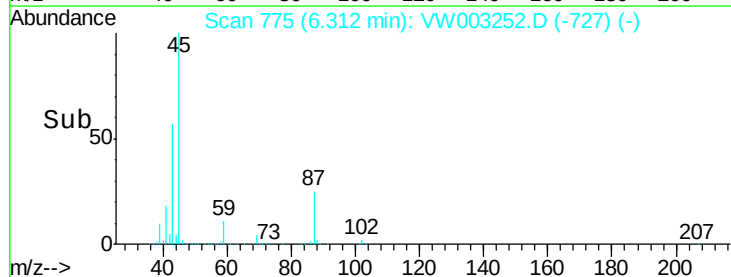
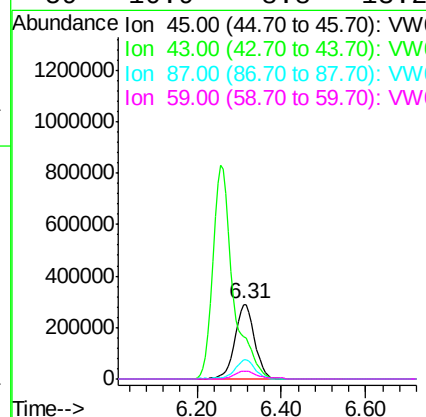
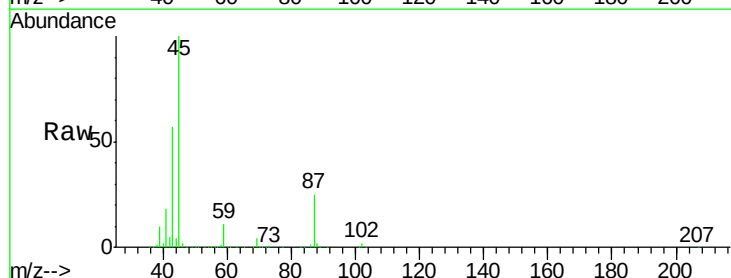
Ion Ratio Lower Upper

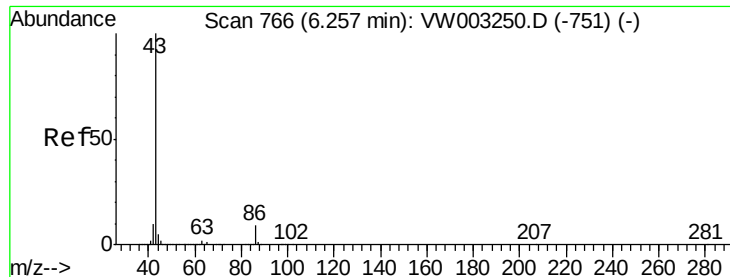
45 100

43 56.5 44.0 66.0

87 24.9 20.6 31.0

59 10.9 8.8 13.2





#23

Vinyl Acetate

Concen: 537.73 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

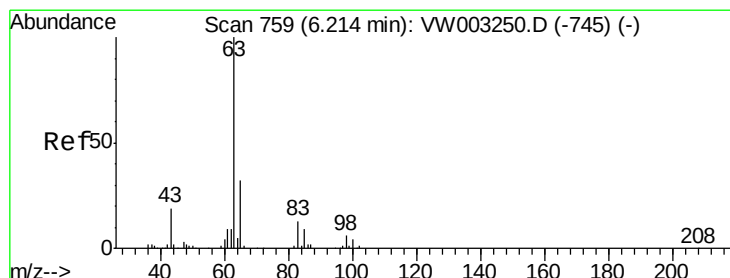
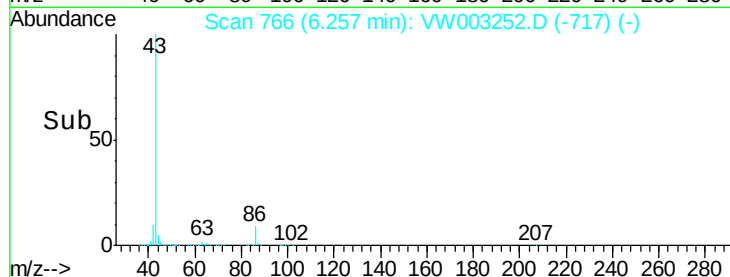
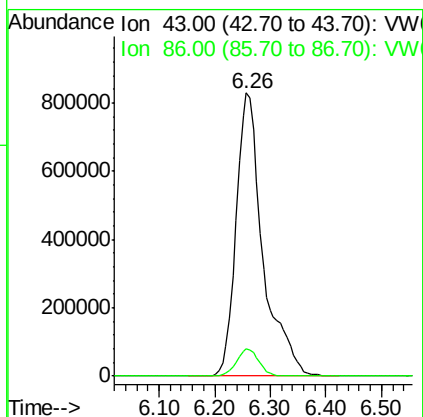
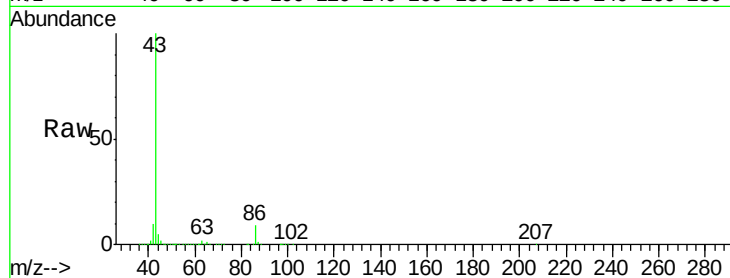
VSTDIC100

Tgt Ion: 43 Resp: 2769027

Ion Ratio Lower Upper

43 100

86 9.5 7.5 11.3



#24

1,1-Dichloroethane

Concen: 101.90 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

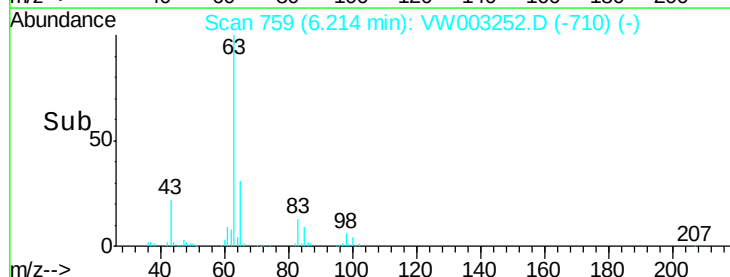
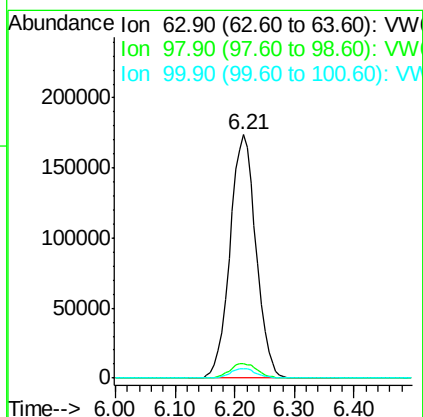
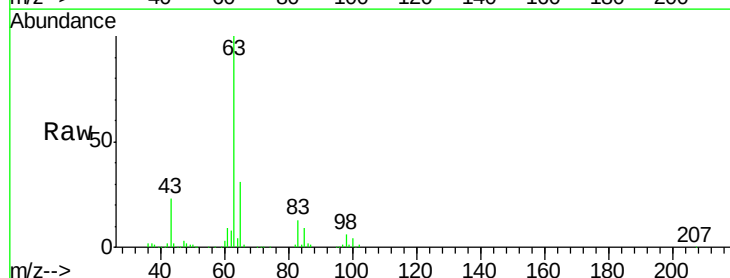
Tgt Ion: 63 Resp: 525335

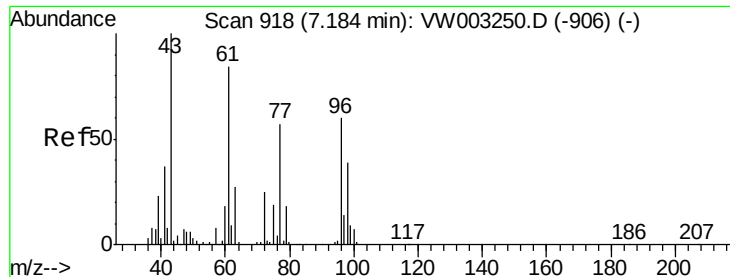
Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 522.92 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

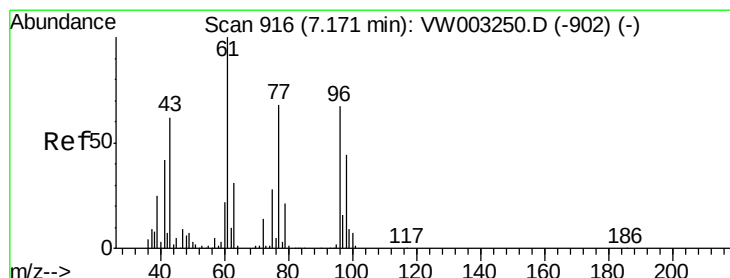
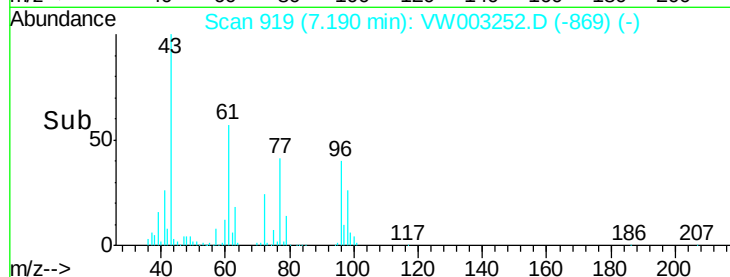
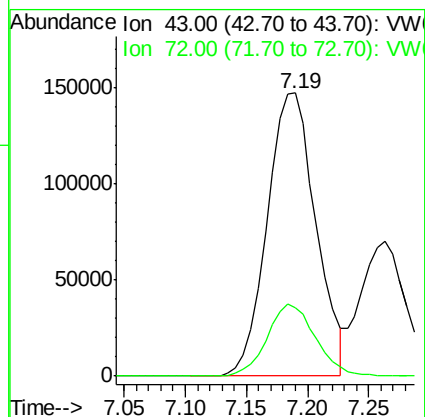
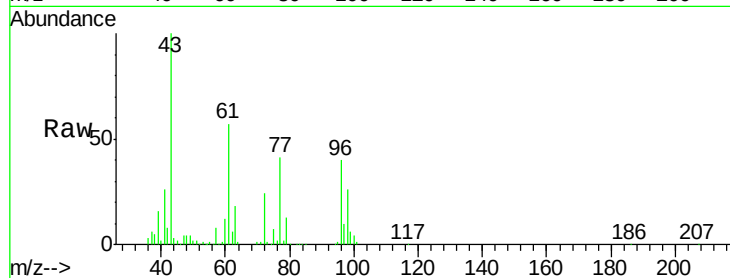
VSTDIC100

Tgt Ion: 43 Resp: 406508

Ion Ratio Lower Upper

43 100

72 24.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 105.41 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003252.D

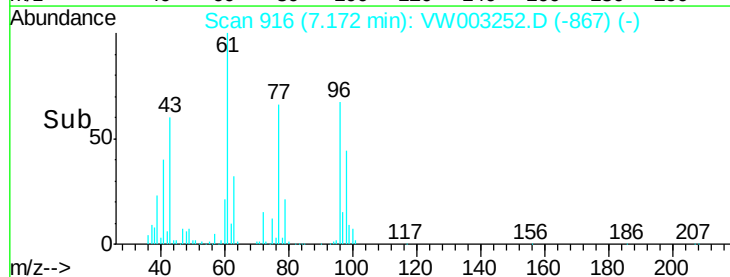
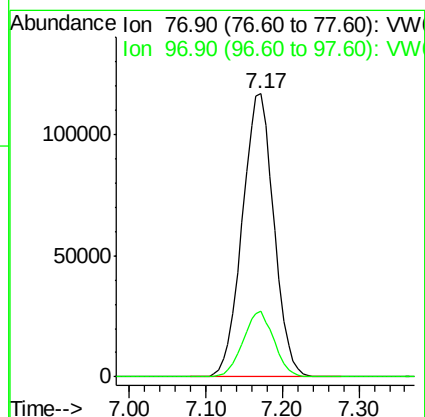
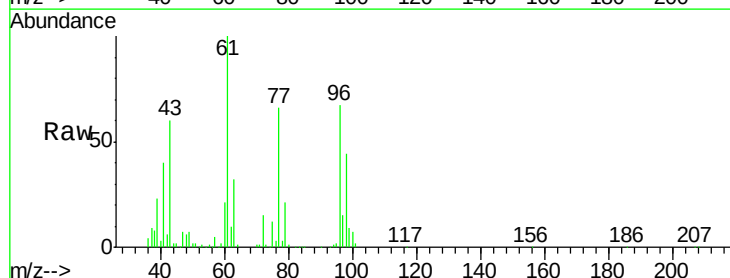
Acq: 13 Jun 2018 18:15

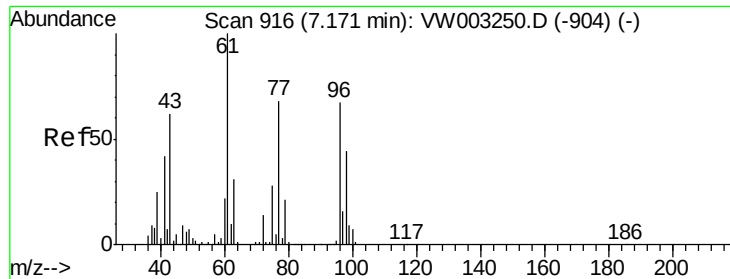
Tgt Ion: 77 Resp: 335106

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



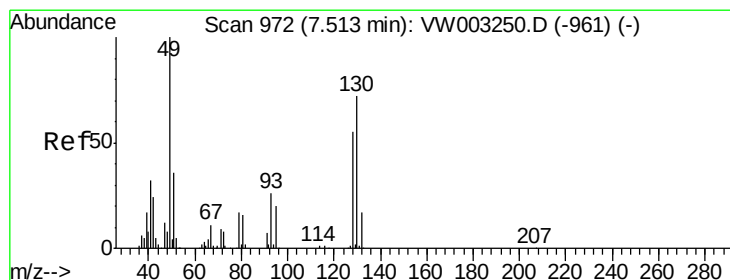
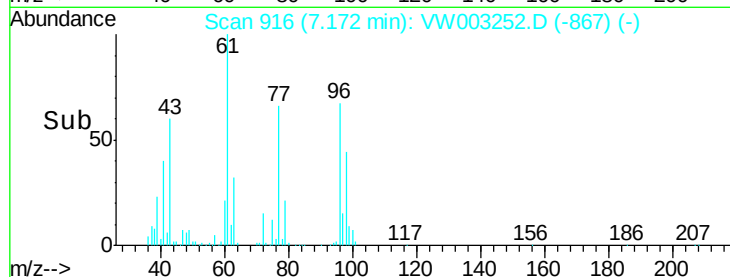
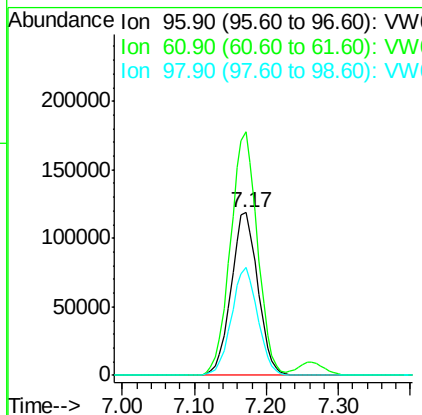
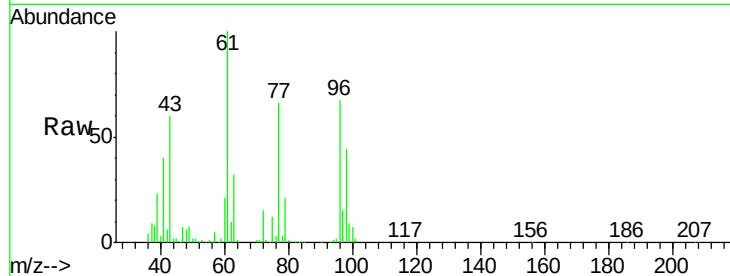


#27

cis-1,2-Dichloroethene
Concen: 98.94 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

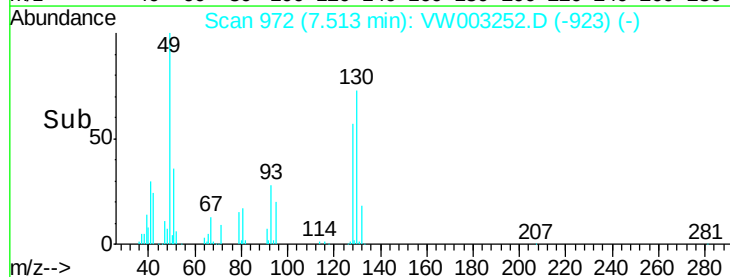
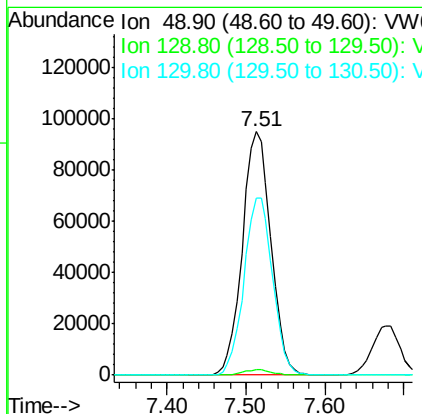
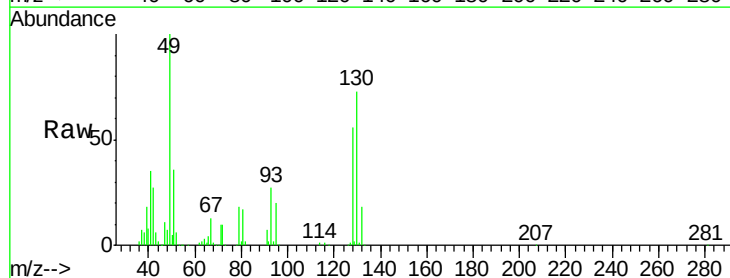
Tgt Ion: 96 Resp: 306308
Ion Ratio Lower Upper
96 100
61 151.0 0.0 298.8
98 64.8 0.0 130.4

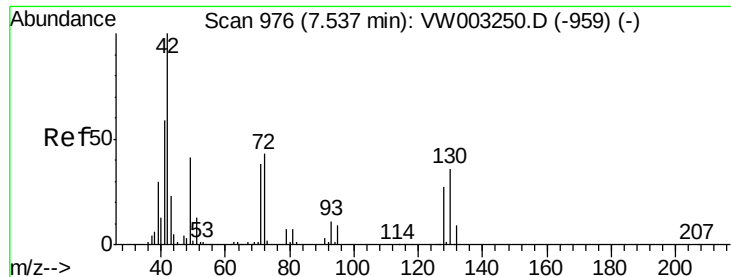


#28

Bromochloromethane
Concen: 114.80 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 49 Resp: 238828
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 73.1 59.4 89.2

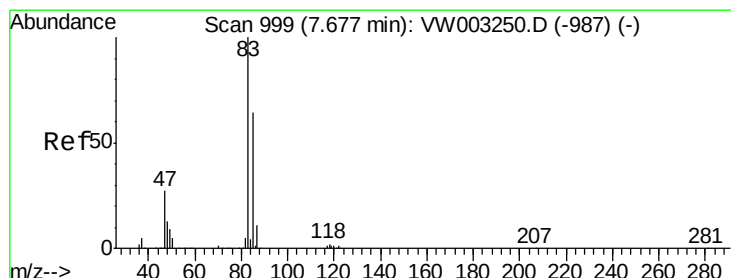
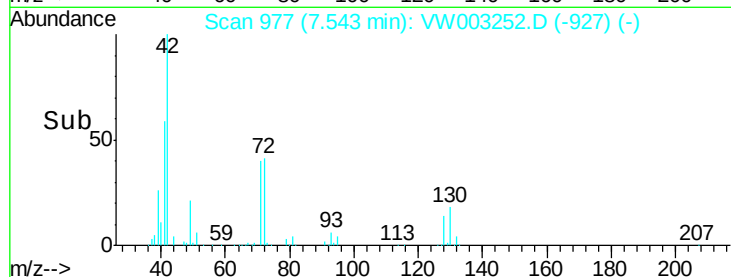
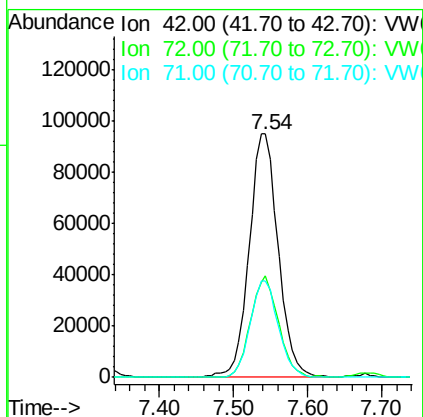
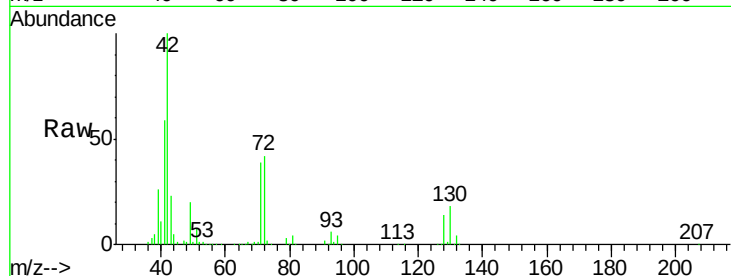




#29
Tetrahydrofuran
Concen: 518.59 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

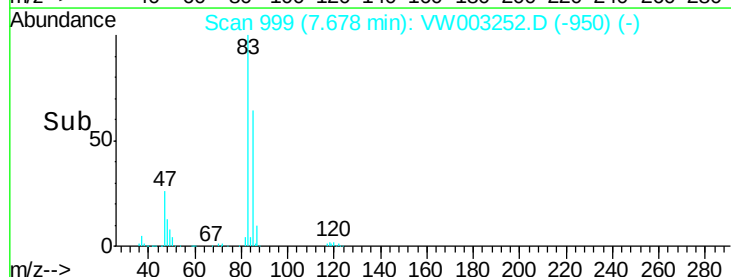
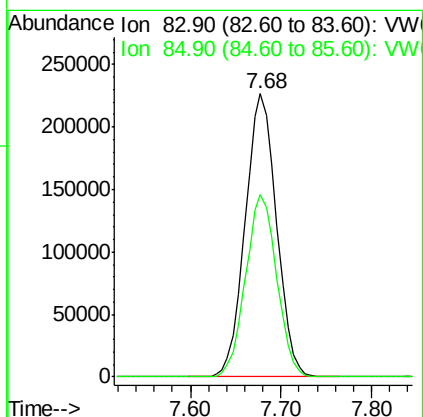
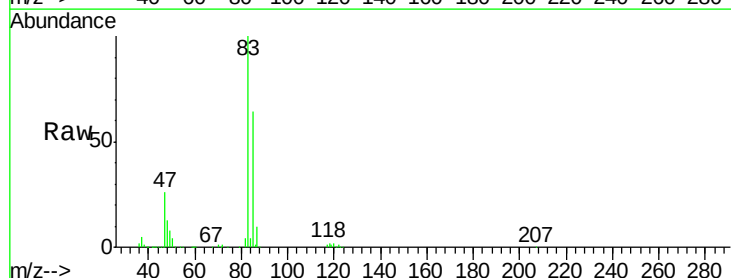
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

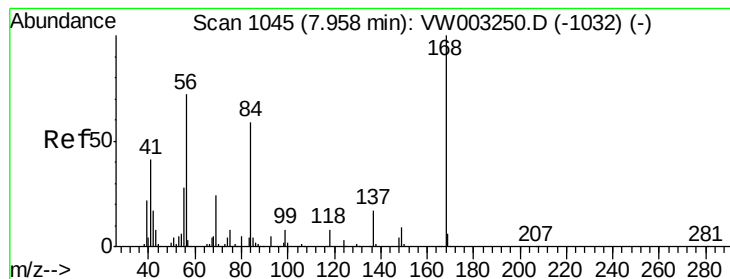
Tgt Ion: 42 Resp: 259993
Ion Ratio Lower Upper
42 100
72 40.2 32.4 48.6
71 38.7 31.2 46.8



#30
Chloroform
Concen: 101.94 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 83 Resp: 540216
Ion Ratio Lower Upper
83 100
85 64.2 51.3 76.9





#31

Cyclohexane

Concen: 96.76 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

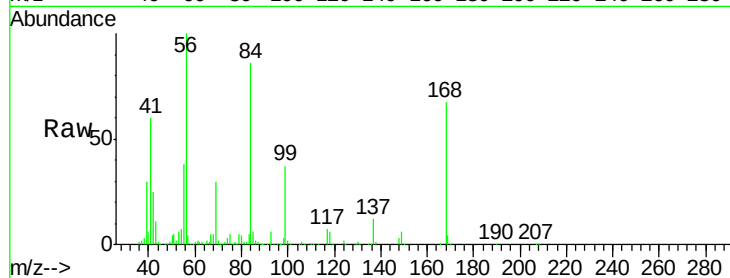
Tgt Ion: 56 Resp: 471076

Ion Ratio Lower Upper

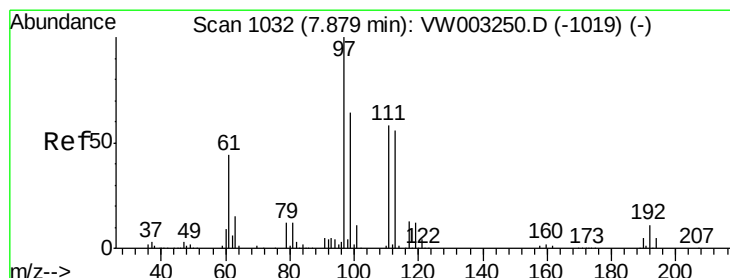
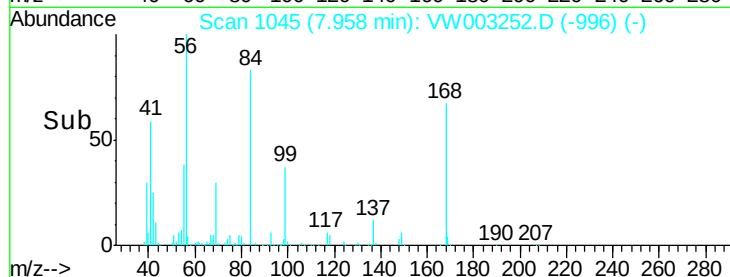
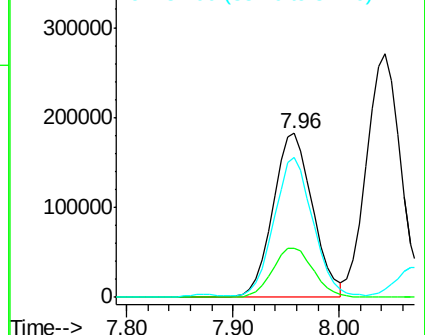
56 100

69 30.2 26.3 39.5

84 84.7 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: 103.65 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

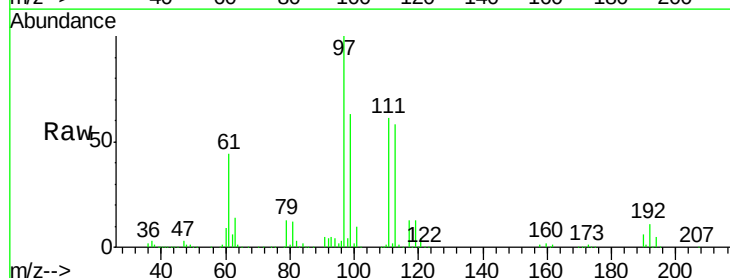
Tgt Ion: 97 Resp: 444927

Ion Ratio Lower Upper

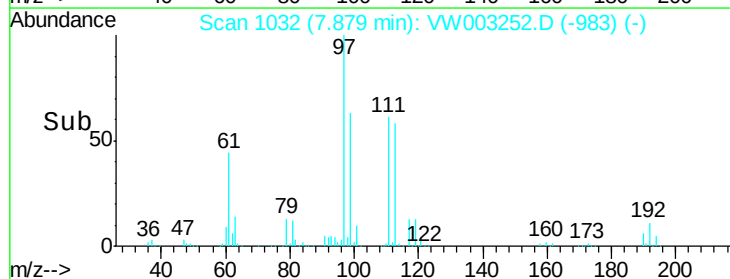
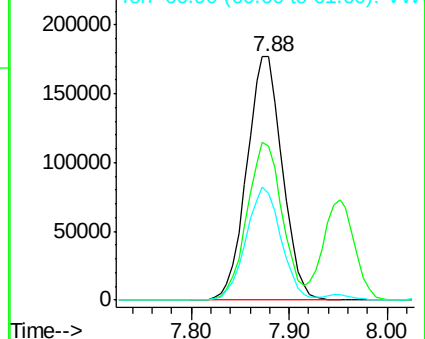
97 100

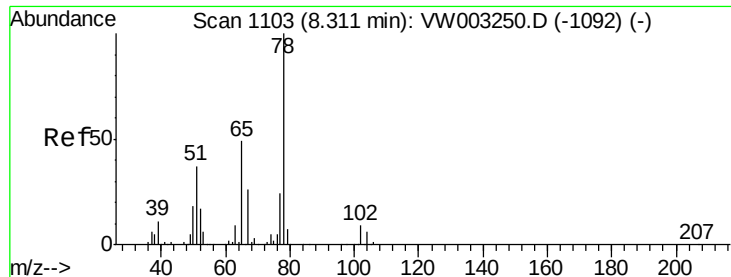
99 64.2 51.7 77.5

61 46.0 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

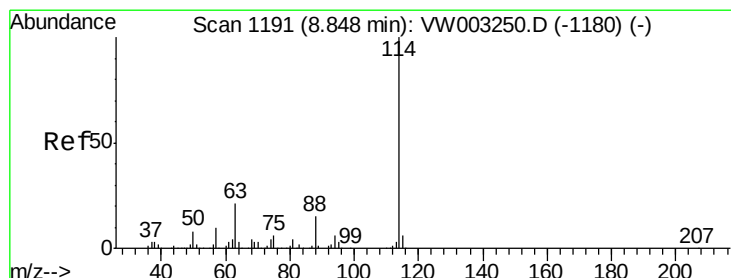
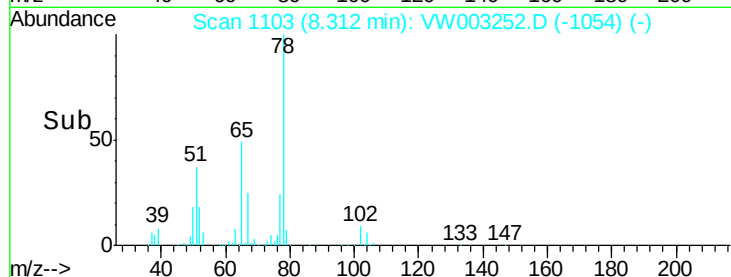
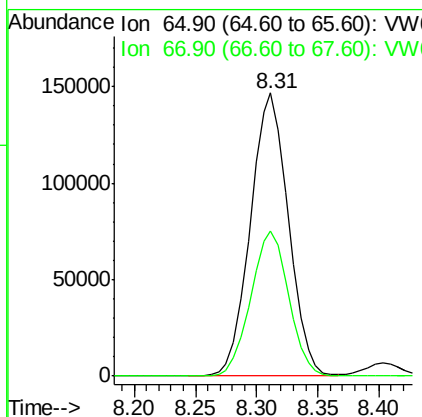
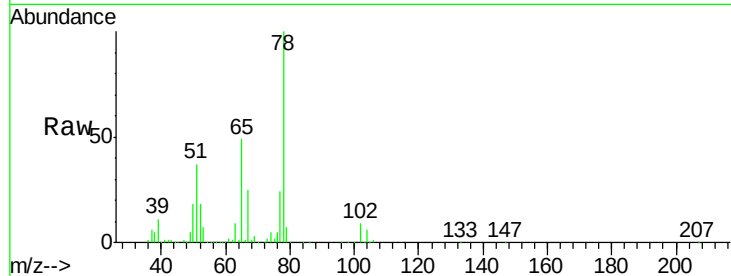




#33
 1,2-Dichloroethane-d4
 Concen: 111.46 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

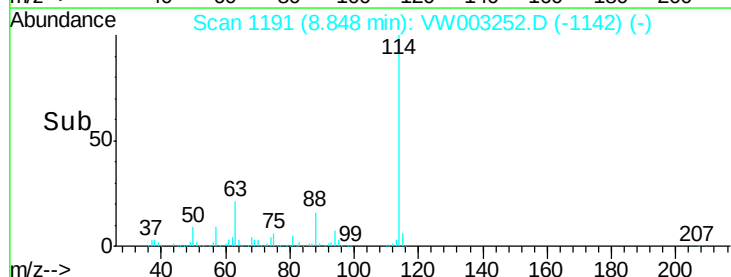
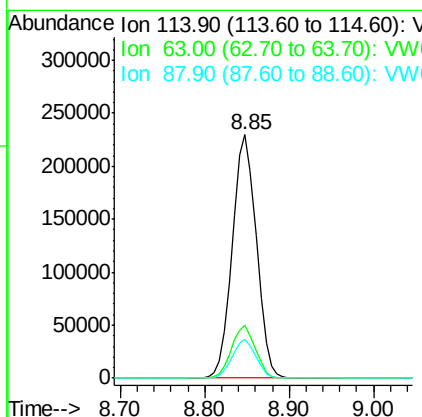
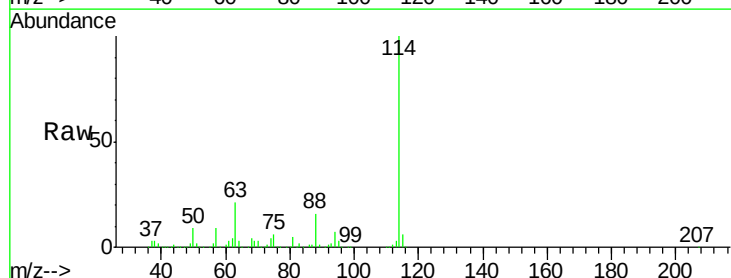
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

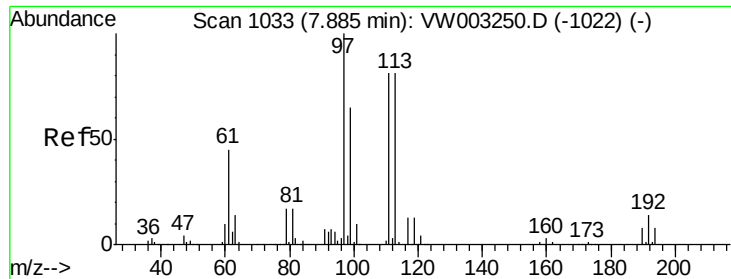
Tgt Ion: 65 Resp: 316448
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 114 Resp: 441718
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.7 0.0 29.6

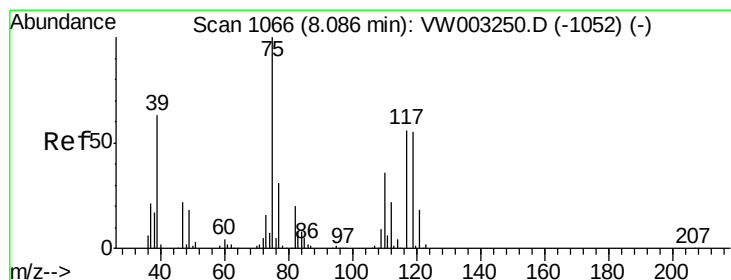
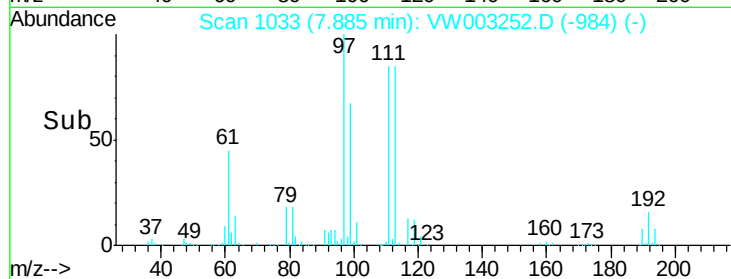
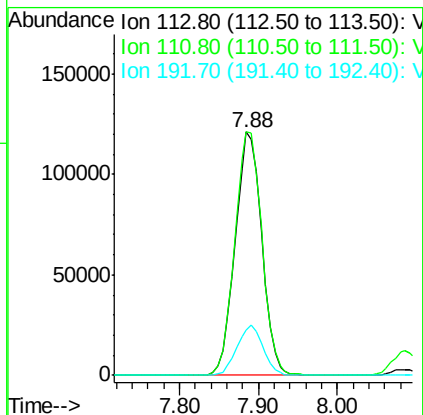
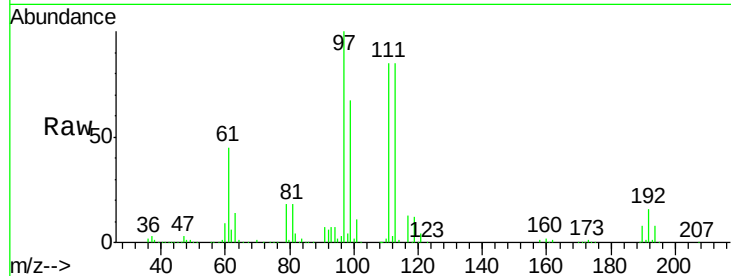




#35
 Dibromofluoromethane
 Concen: 108.94 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

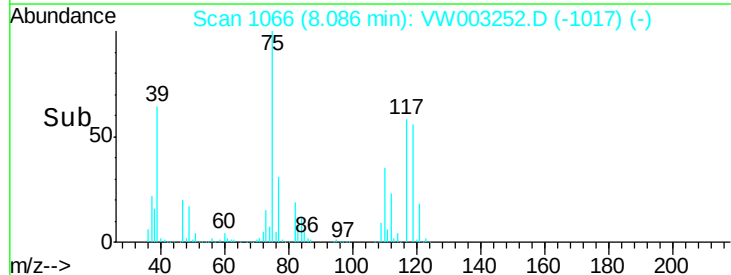
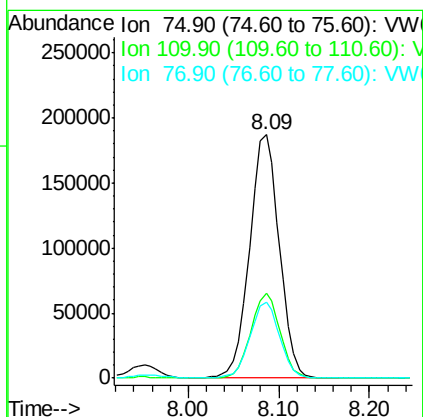
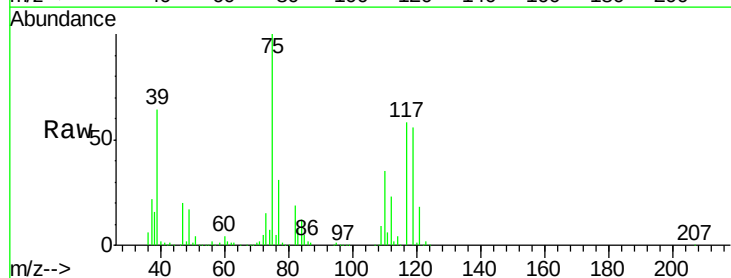
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

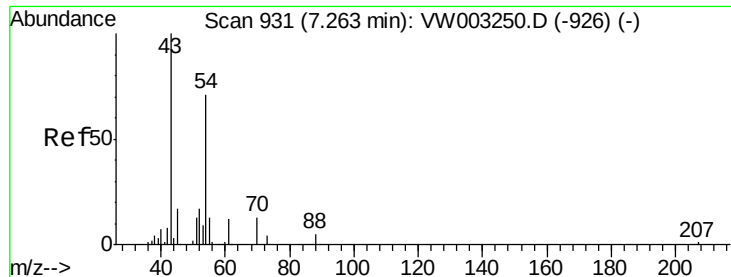
Tgt Ion: 113 Resp: 284162
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 101.85 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 75 Resp: 422804
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.1 51.3
 77 31.2 24.9 37.3

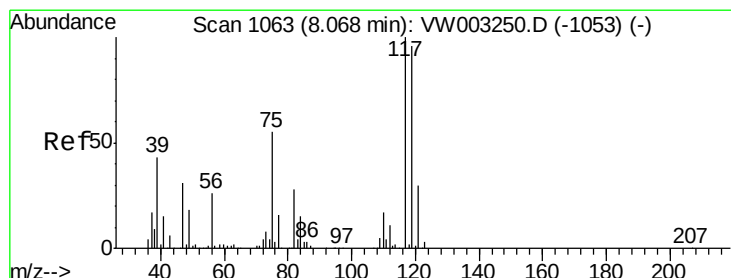
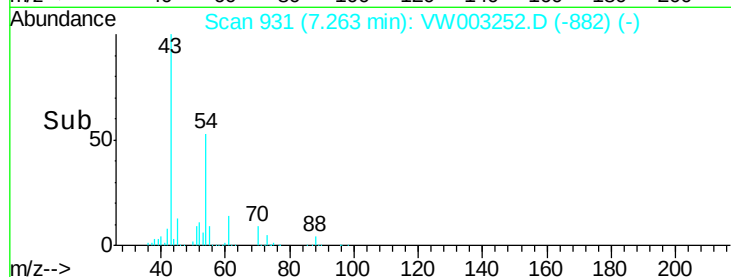
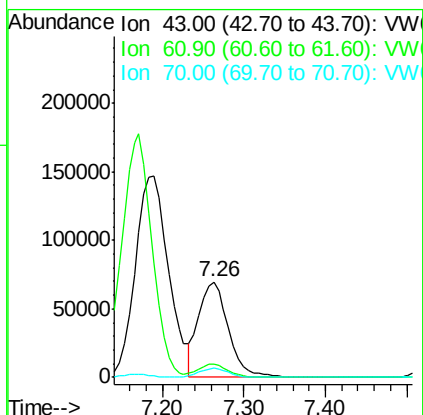
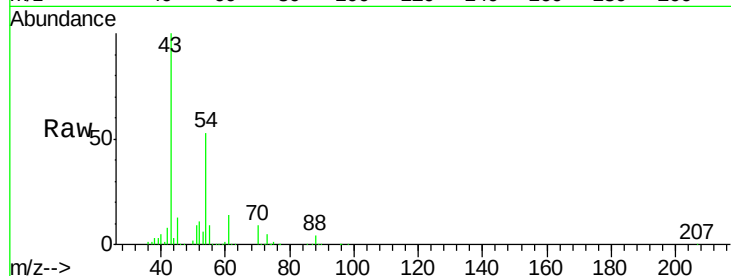




#37
 Ethyl Acetate
 Concen: 96.71 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

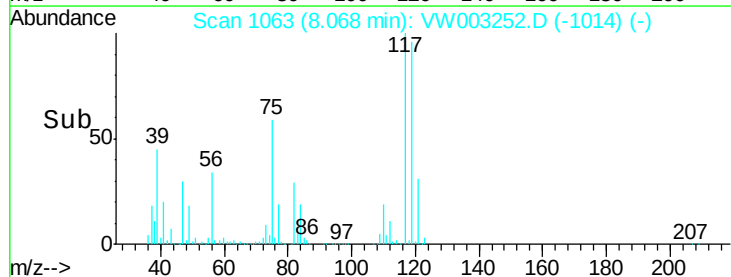
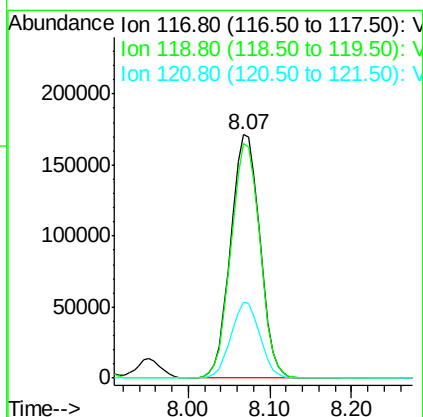
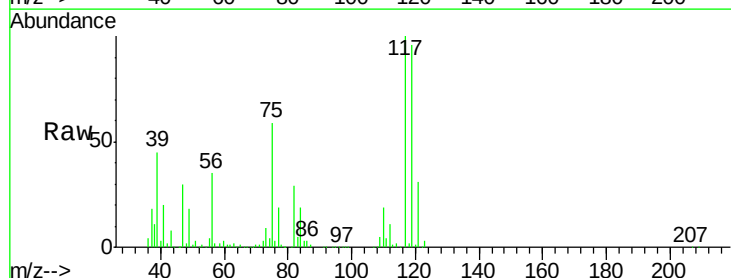
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

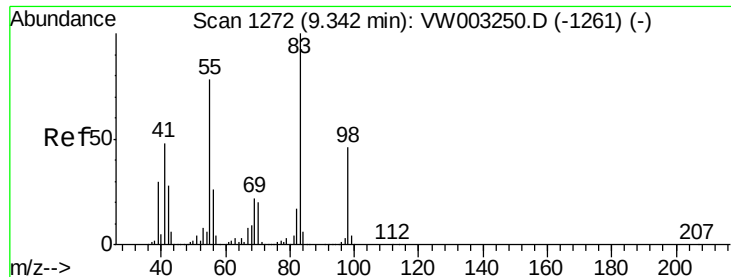
Tgt Ion: 43 Resp: 176443
 Ion Ratio Lower Upper
 43 100
 61 13.7 10.8 16.2
 70 9.4 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 104.40 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 117 Resp: 423000
 Ion Ratio Lower Upper
 117 100
 119 96.5 76.6 115.0
 121 31.2 23.9 35.9

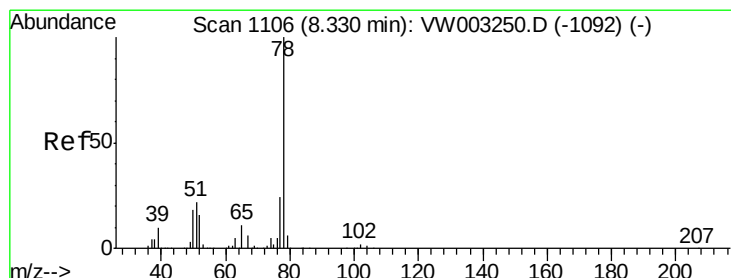
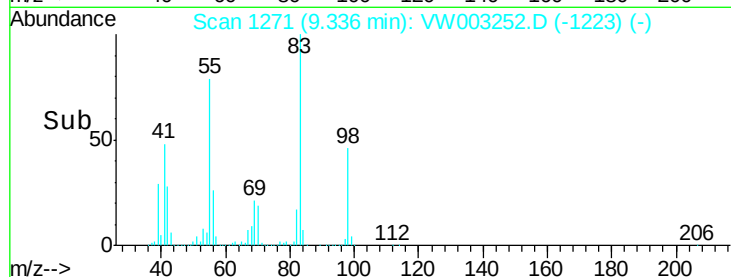
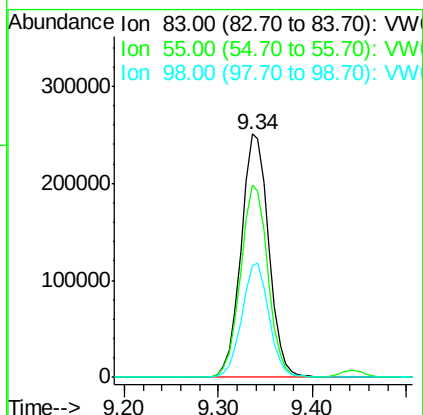
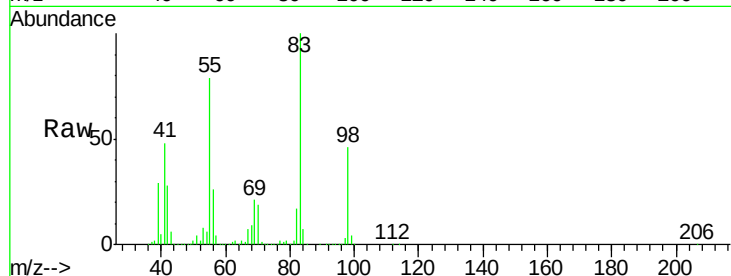




#39
Methylcyclohexane
Concen: 104.56 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

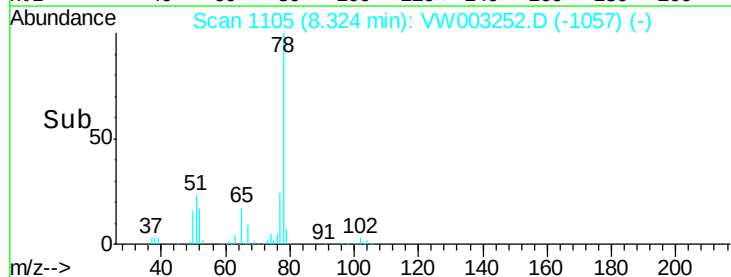
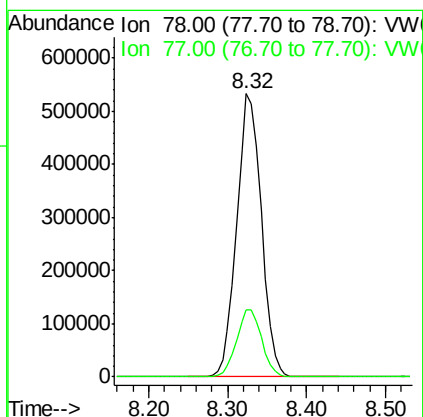
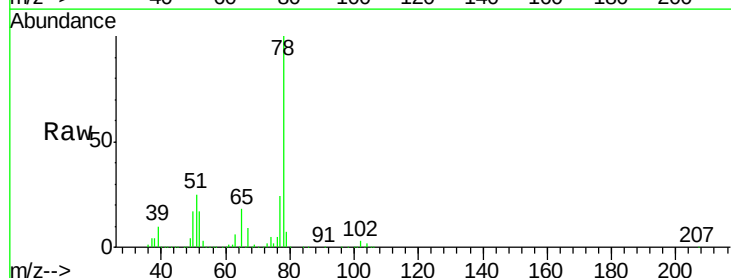
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

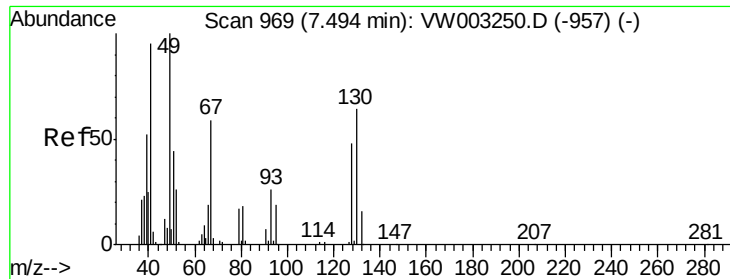
Tgt Ion: 83 Resp: 514207
Ion Ratio Lower Upper
83 100
55 79.2 62.6 93.8
98 45.7 37.0 55.4



#40
Benzene
Concen: 99.77 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 78 Resp: 1159770
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

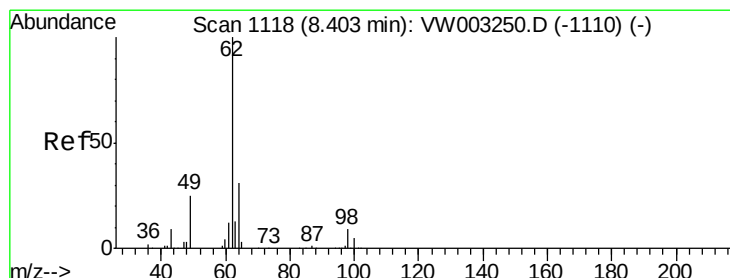
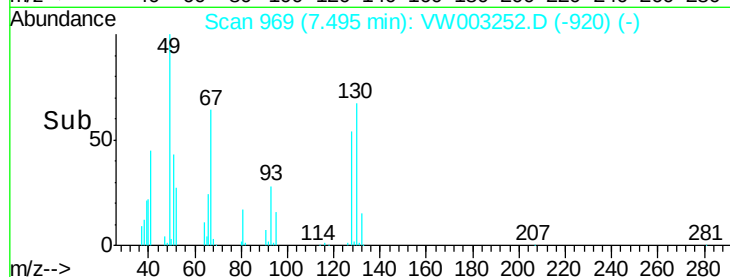
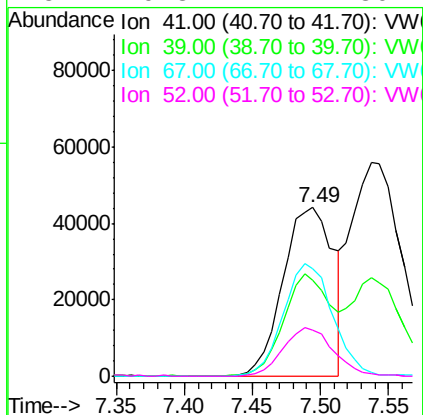
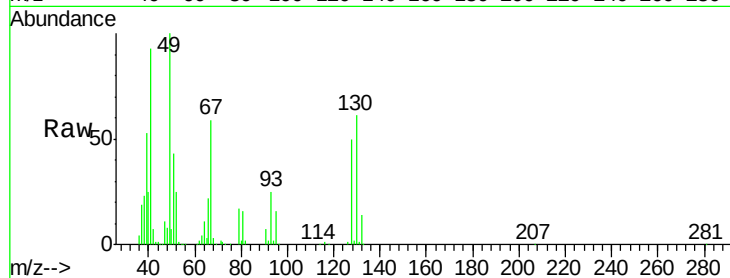




#41
Methacrylonitrile
Concen: 108.60 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

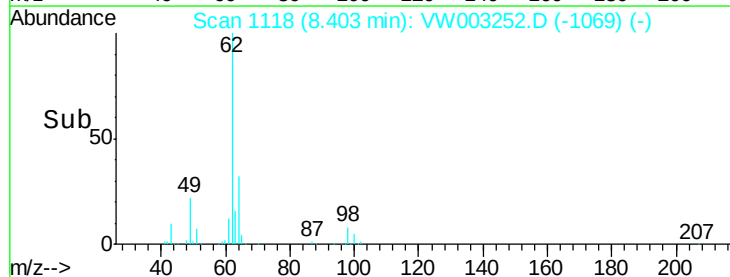
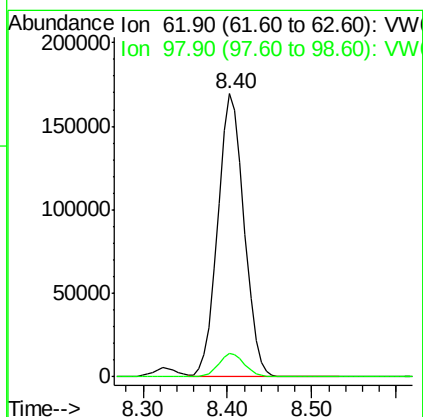
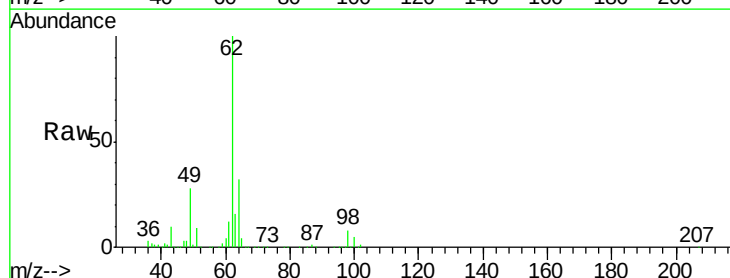
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

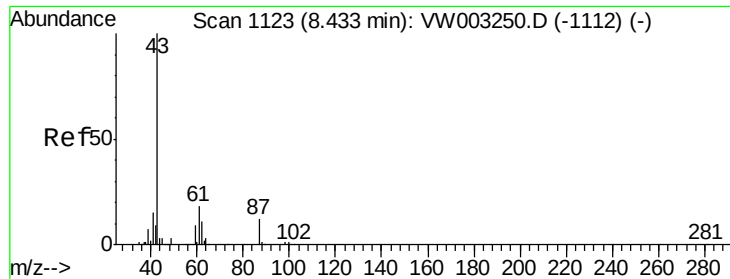
Tgt Ion:	41	Resp:	113628
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.8	68.8
67	65.6	52.3	78.5
52	29.3	24.1	36.1



#42
1,2-Dichloroethane
Concen: 100.36 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion:	62	Resp:	362727
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2

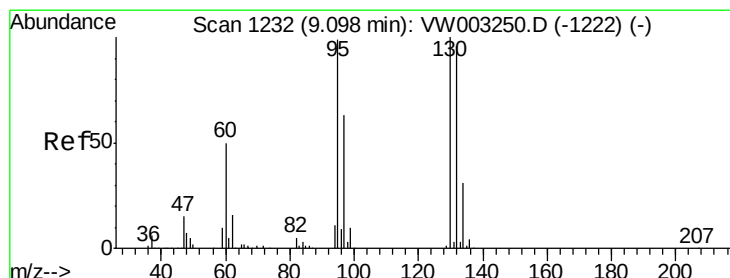
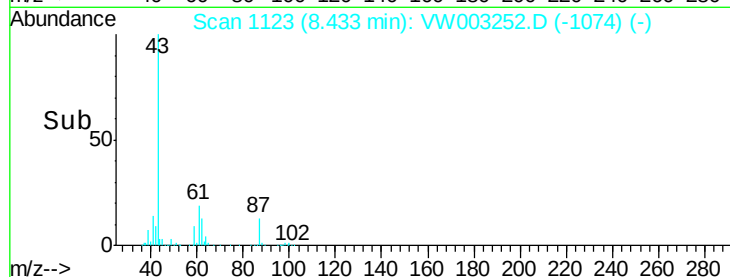
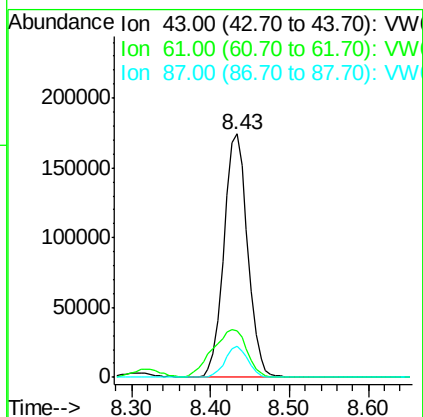
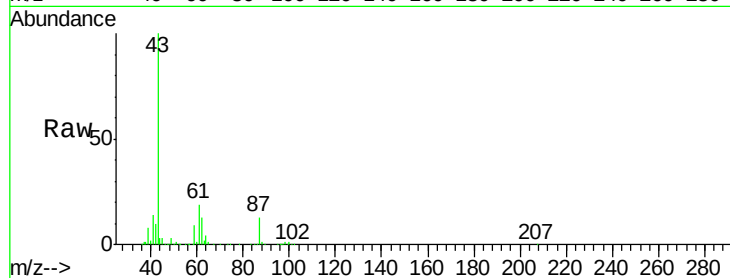




#43
Isopropyl Acetate
Concen: 103.12 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

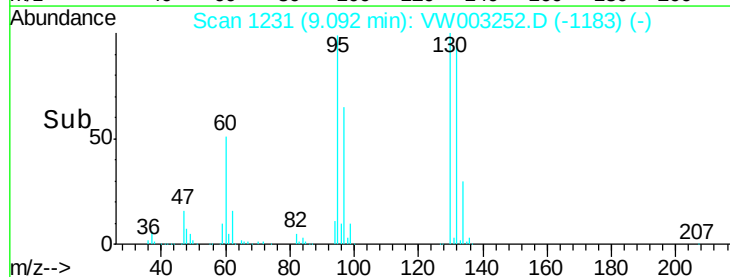
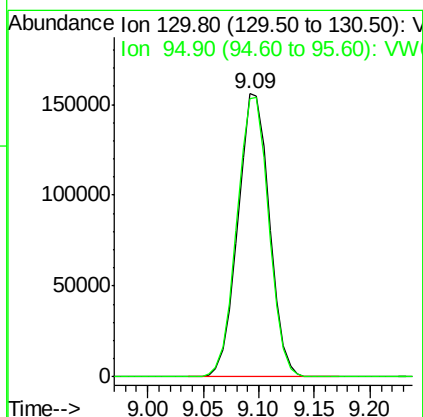
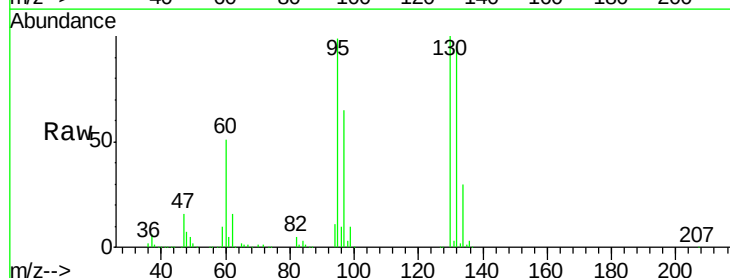
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

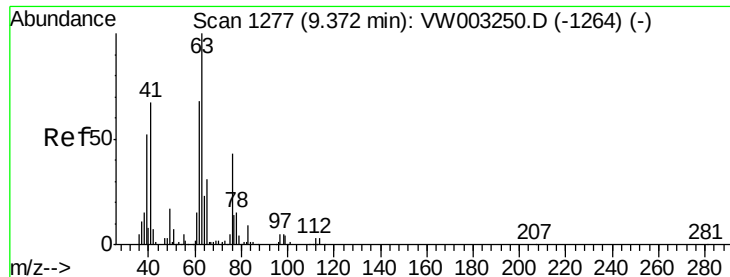
Tgt Ion: 43 Resp: 363829
Ion Ratio Lower Upper
43 100
61 28.5 23.1 34.7
87 12.4 9.8 14.6



#44
Trichloroethene
Concen: 98.06 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 130 Resp: 306757
Ion Ratio Lower Upper
130 100
95 98.5 0.0 198.0

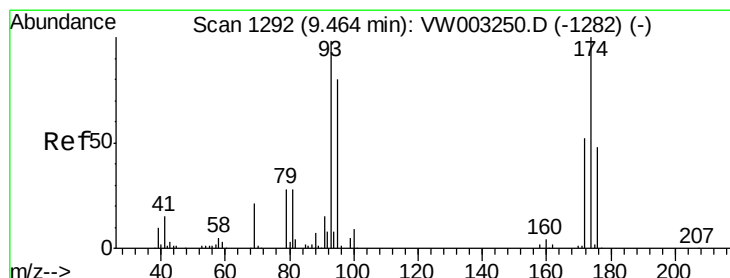
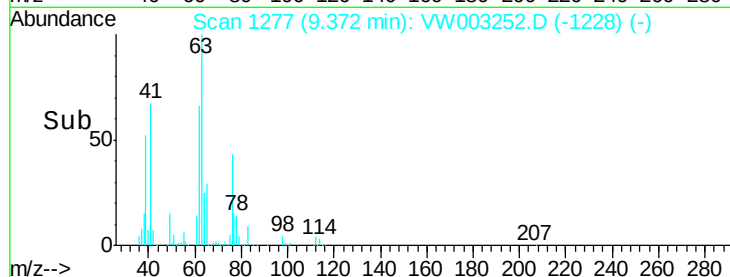
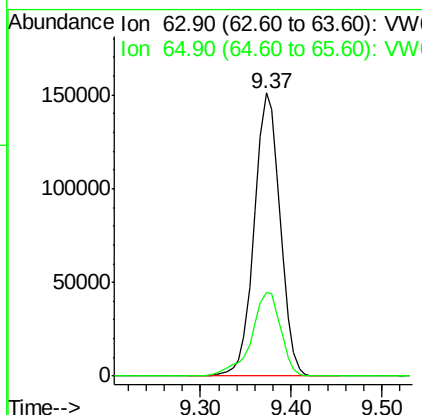
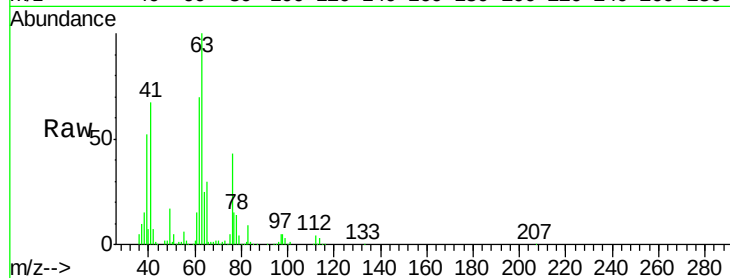




#45
 1,2-Dichloropropane
 Concen: 102.37 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

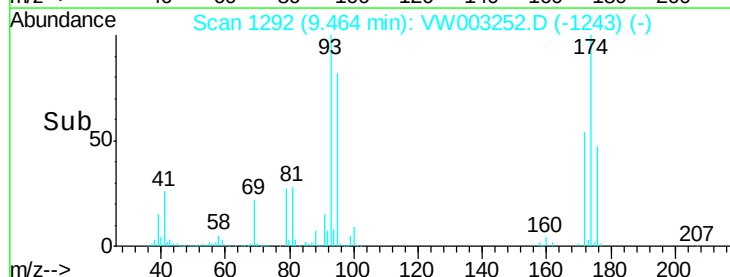
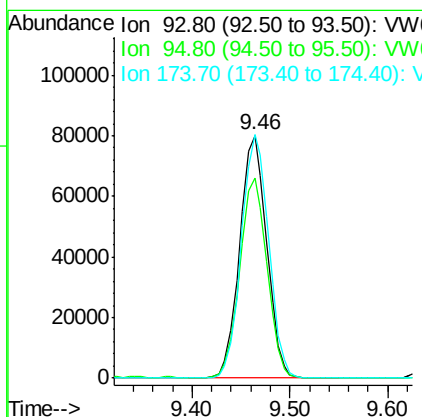
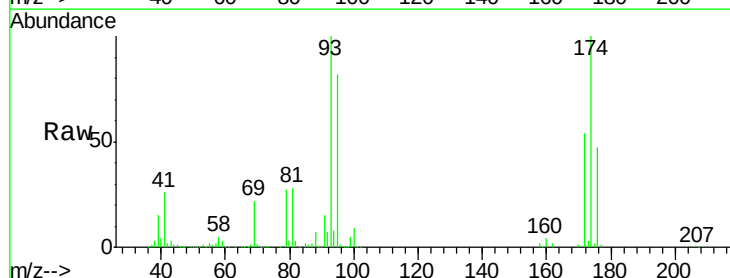
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

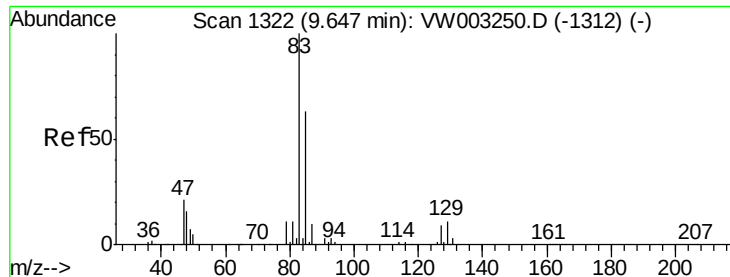
Tgt Ion: 63 Resp: 298761
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.1 37.7



#46
 Dibromomethane
 Concen: 98.28 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 93 Resp: 153302
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.8 98.8
 174 101.4 81.4 122.0





#47

Bromodichloromethane

Concen: 104.25 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

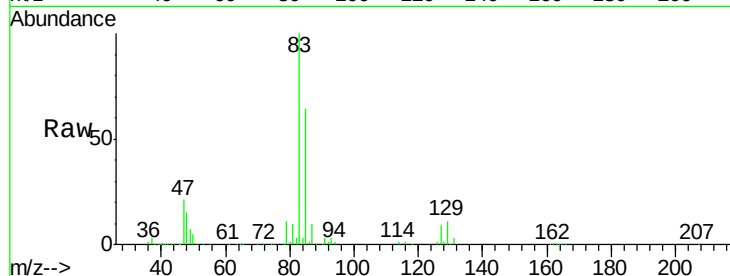
Tgt Ion: 83 Resp: 397135

Ion Ratio Lower Upper

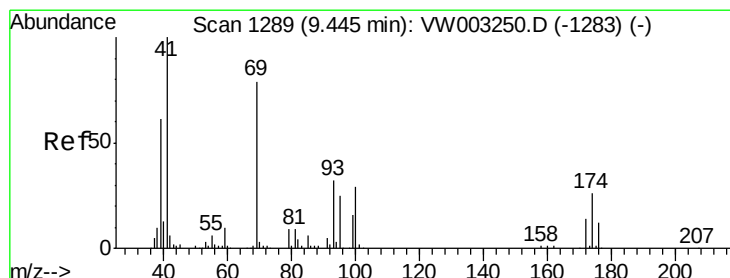
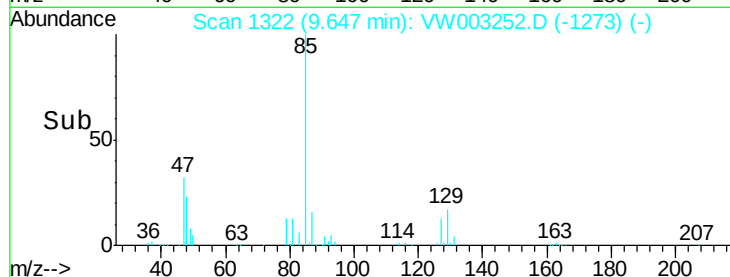
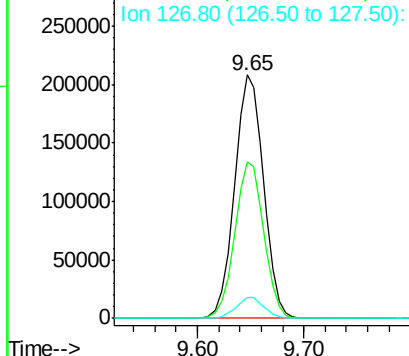
83 100

85 64.3 50.6 75.8

127 8.6 6.8 10.2



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



#48

Methyl methacrylate

Concen: 105.92 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

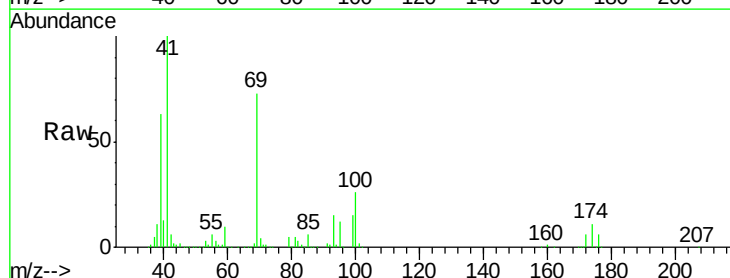
Tgt Ion: 41 Resp: 177616

Ion Ratio Lower Upper

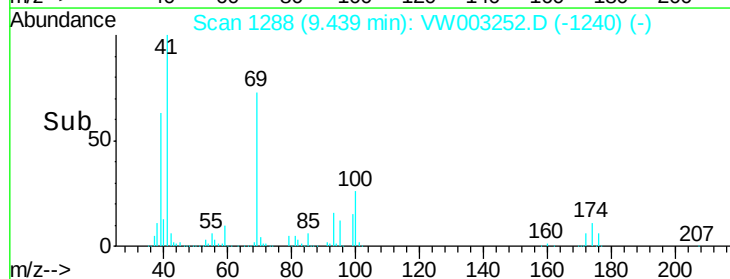
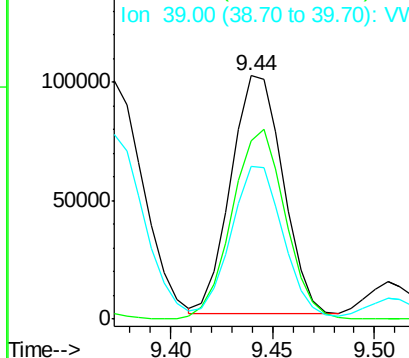
41 100

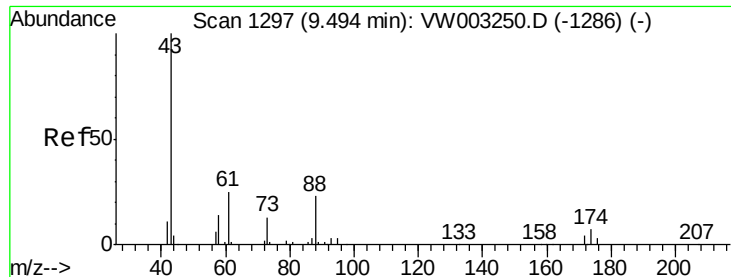
69 81.4 65.4 98.2

39 65.2 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

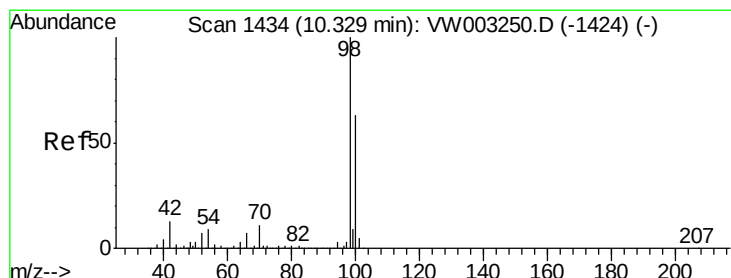
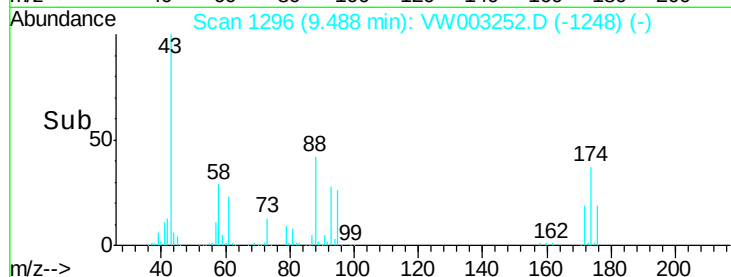
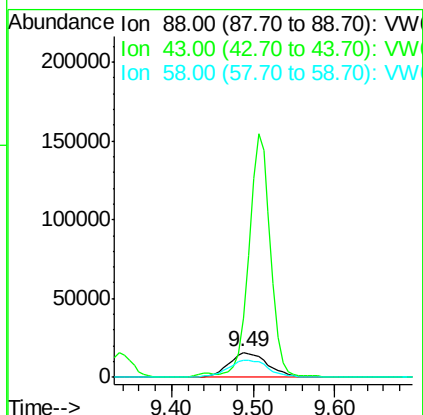
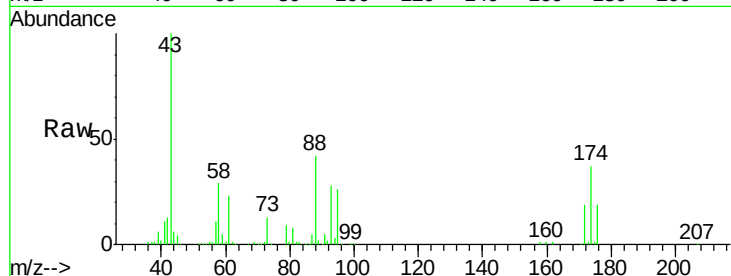




#49
 1,4-Dioxane
 Concen: 2122.79 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

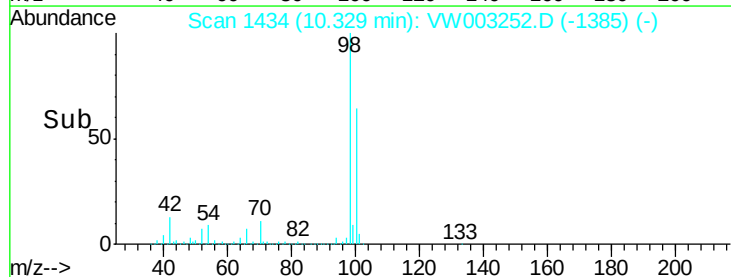
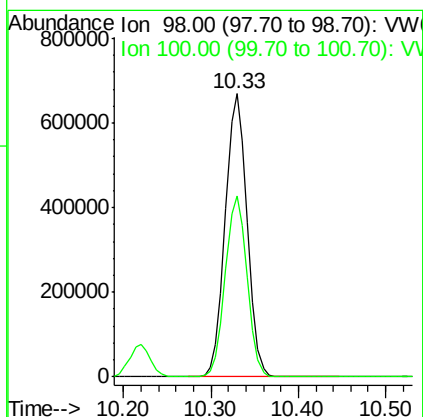
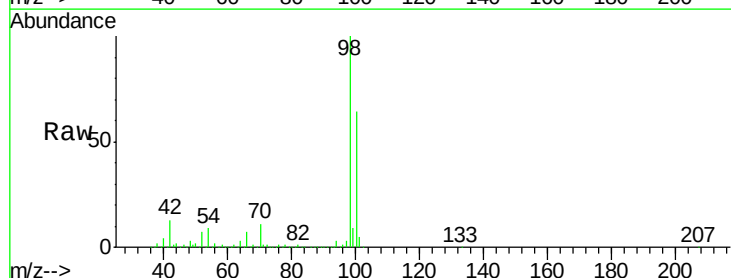
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

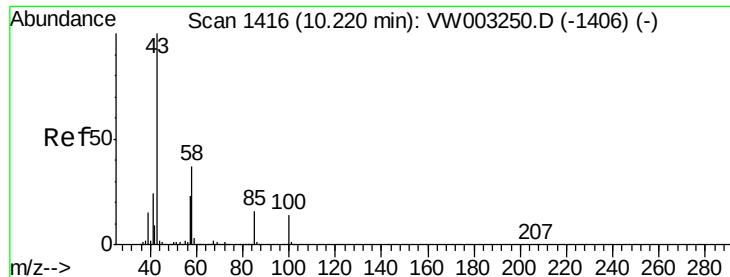
Tgt Ion: 88 Resp: 51319
 Ion Ratio Lower Upper
 88 100
 43 550.8 454.7 682.1
 58 73.9 58.6 88.0



#50
 Toluene-d8
 Concen: 114.04 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 98 Resp: 1155209
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 526.23 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

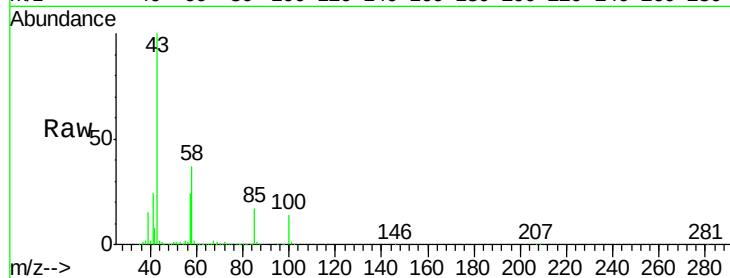
VSTDIC100

Tgt Ion: 43 Resp: 943547

Ion Ratio Lower Upper

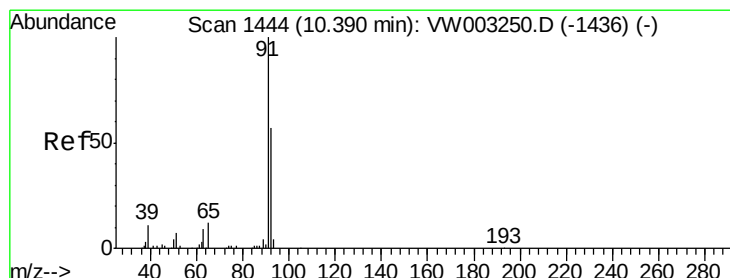
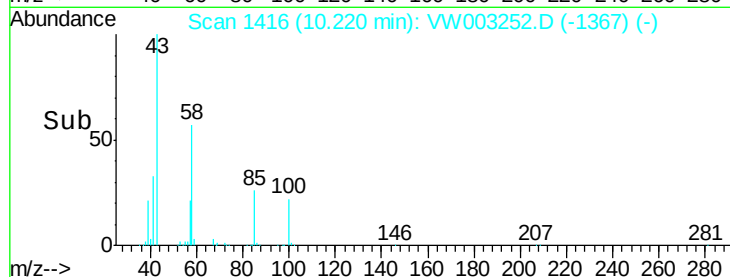
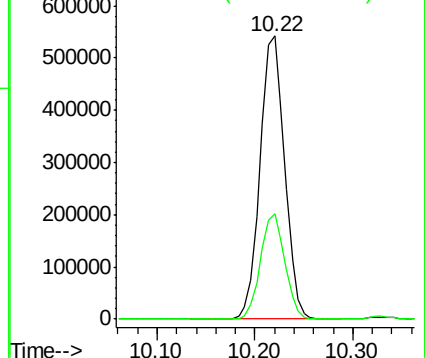
43 100

58 36.9 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: 101.40 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003252.D

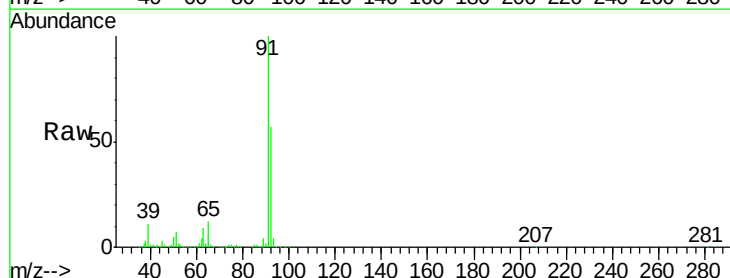
Acq: 13 Jun 2018 18:15

Tgt Ion: 92 Resp: 756273

Ion Ratio Lower Upper

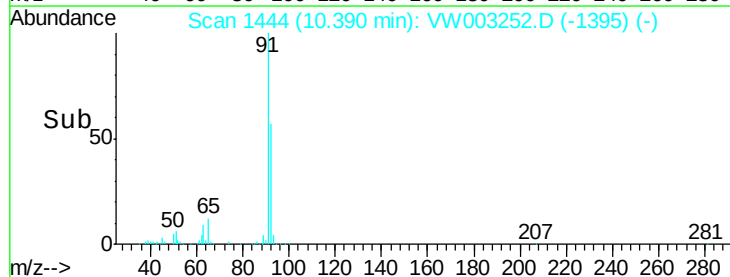
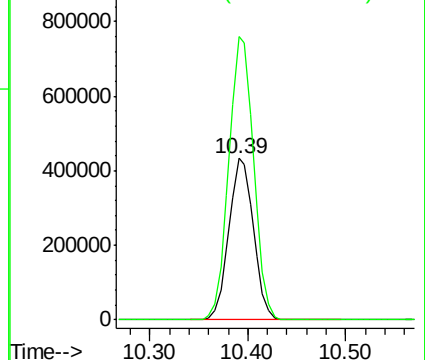
92 100

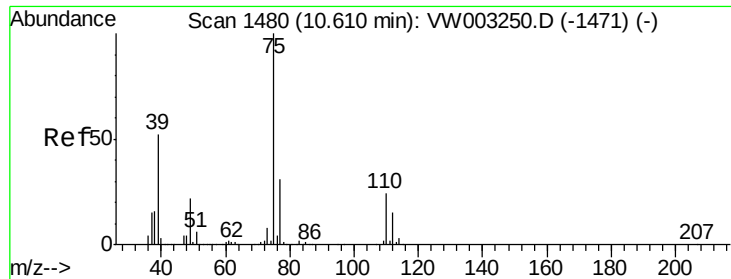
91 176.2 141.1 211.7



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: 107.83 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

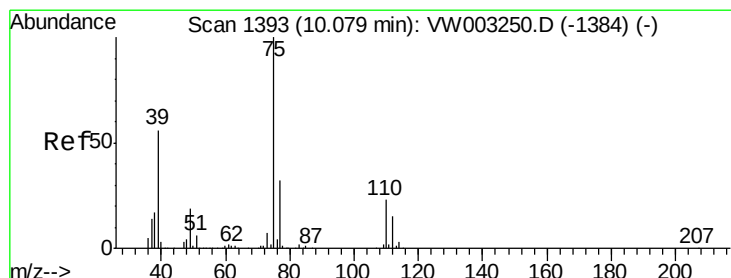
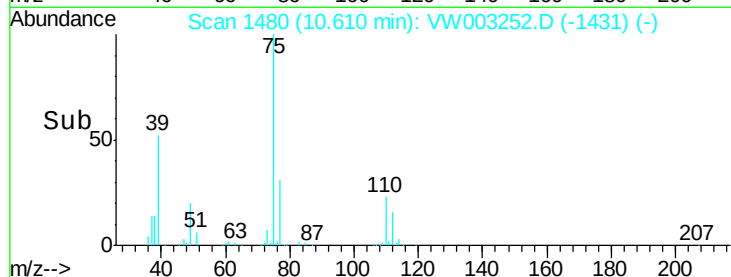
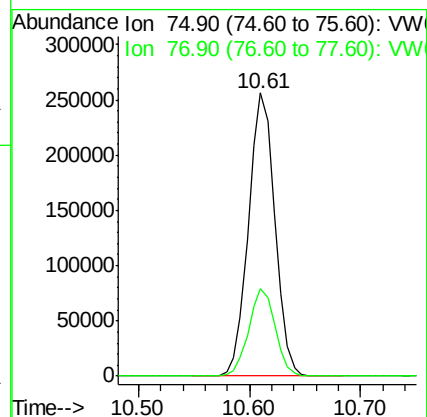
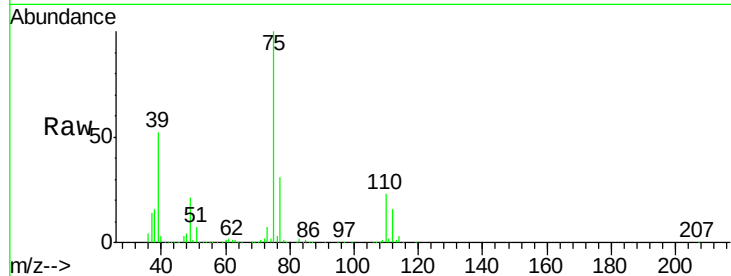
VSTDIC100

Tgt Ion: 75 Resp: 423010

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 106.14 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

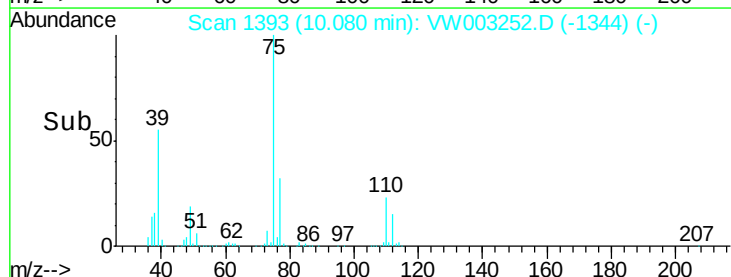
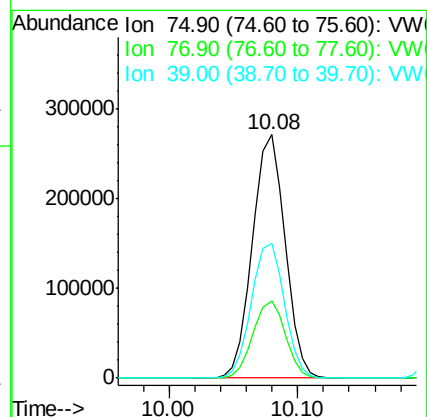
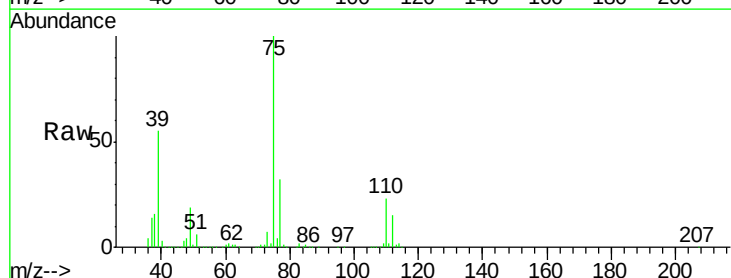
Tgt Ion: 75 Resp: 473595

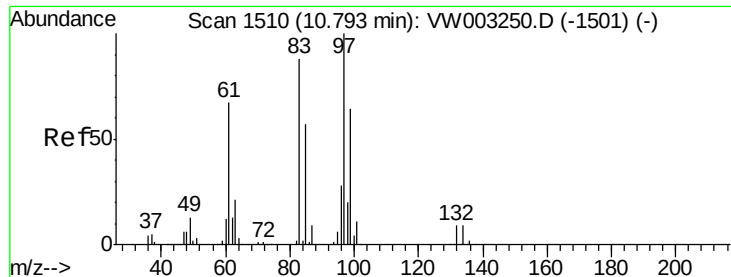
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 55.4 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 100.36 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 216334

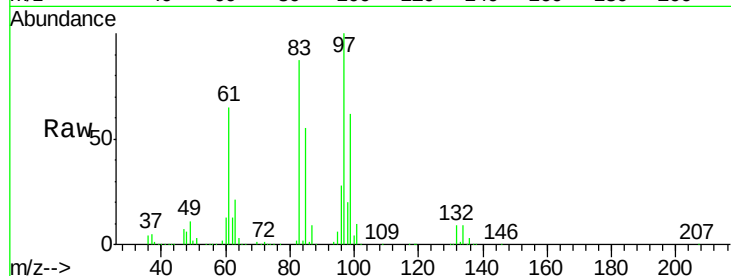
Ion Ratio Lower Upper

97 100

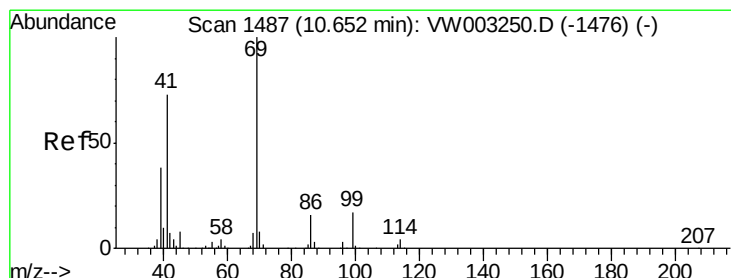
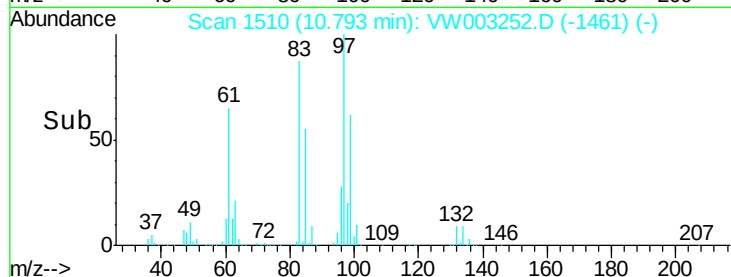
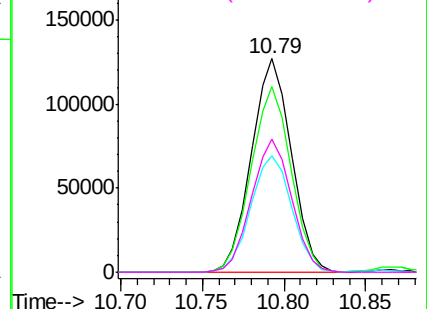
83 87.0 70.2 105.2

85 54.8 45.6 68.4

99 62.2 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: 110.62 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

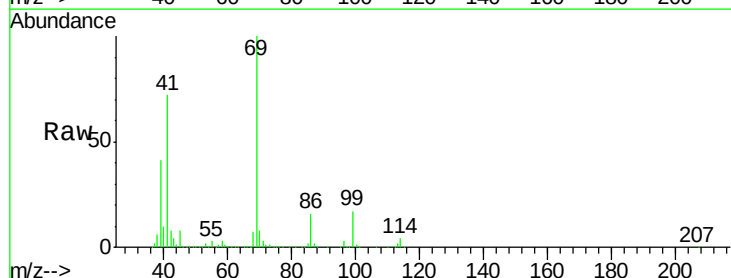
Tgt Ion: 69 Resp: 295530

Ion Ratio Lower Upper

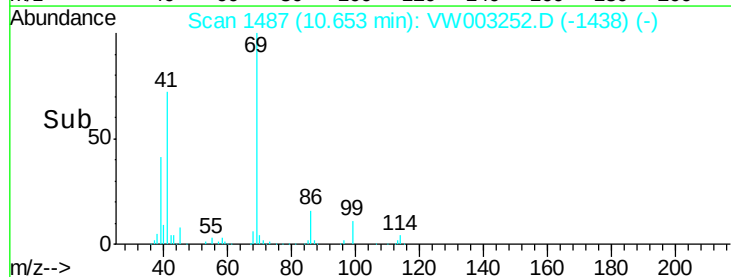
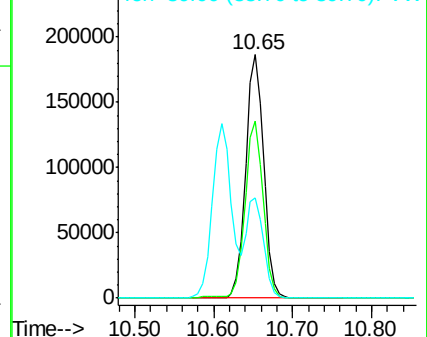
69 100

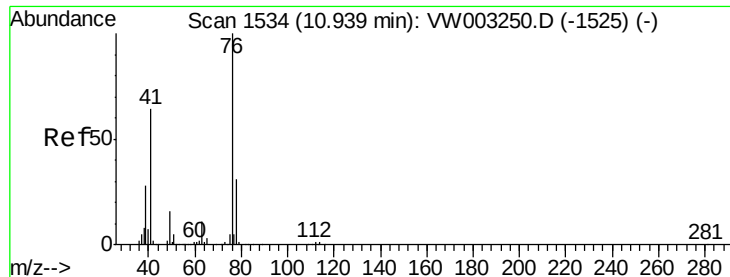
41 72.0 57.8 86.6

39 38.8 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: 100.72 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

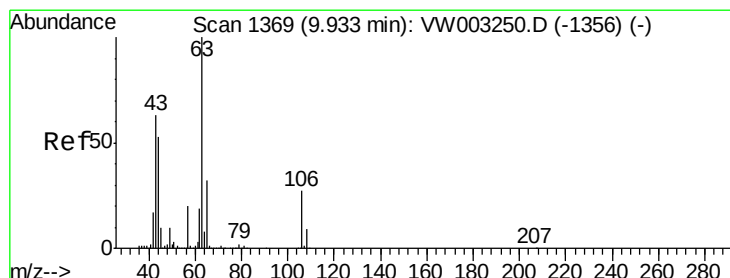
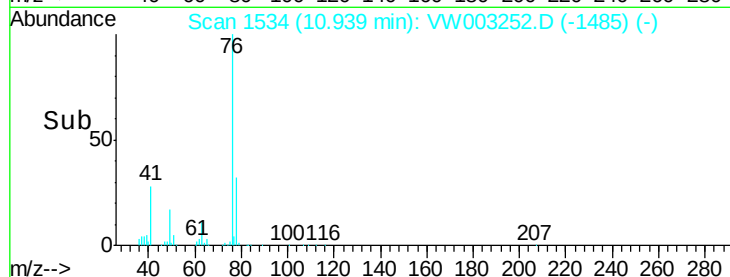
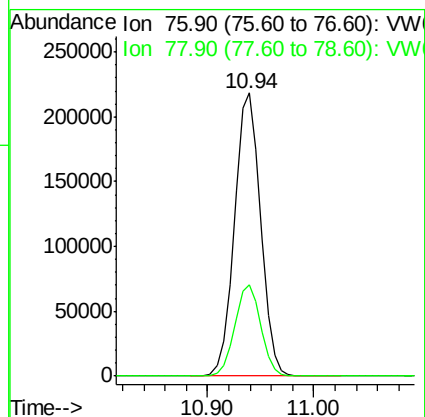
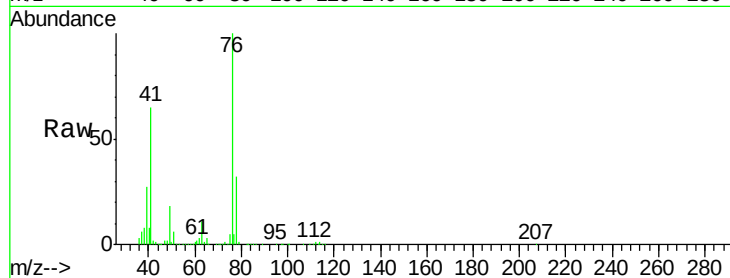
VSTDIC100

Tgt Ion: 76 Resp: 375022

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 514.45 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003252.D

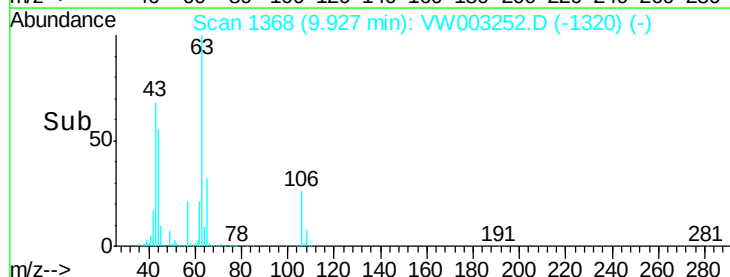
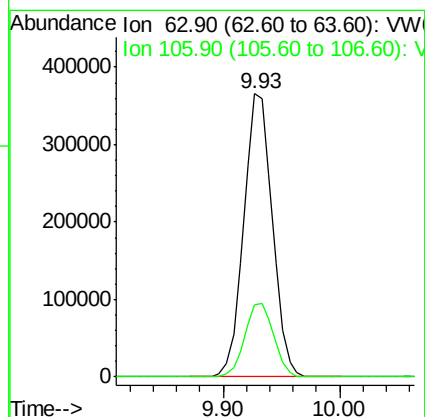
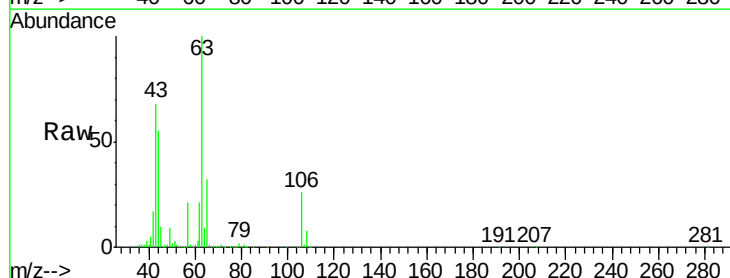
Acq: 13 Jun 2018 18:15

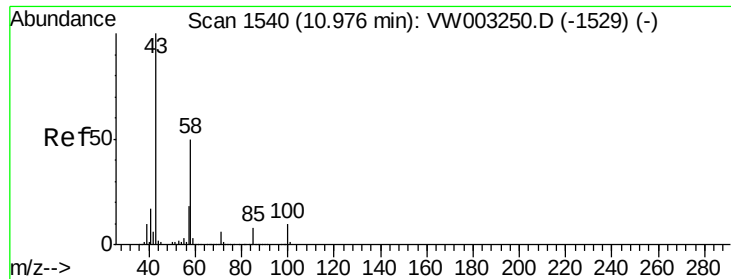
Tgt Ion: 63 Resp: 626898

Ion Ratio Lower Upper

63 100

106 26.4 21.8 32.8

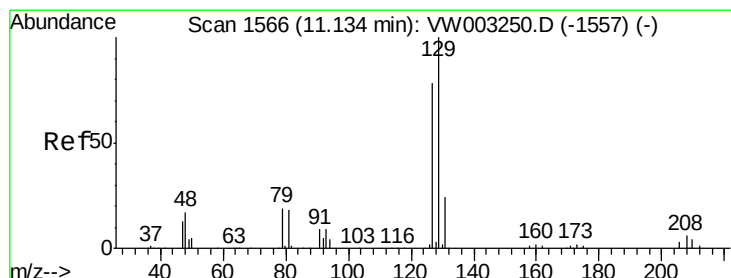
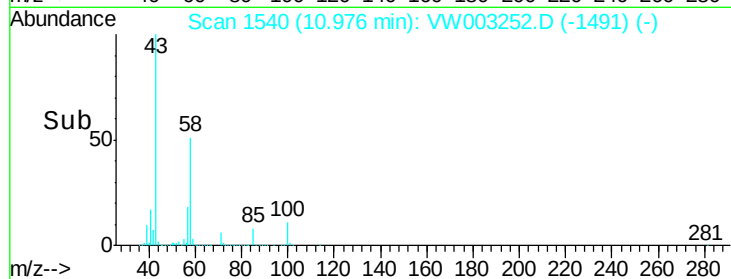
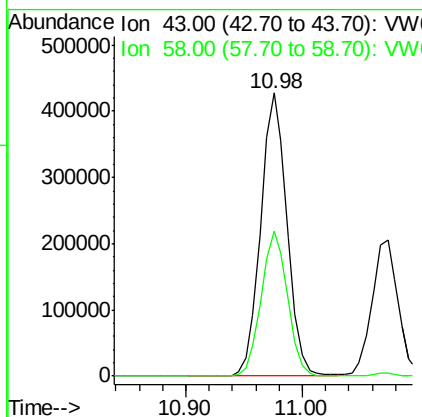
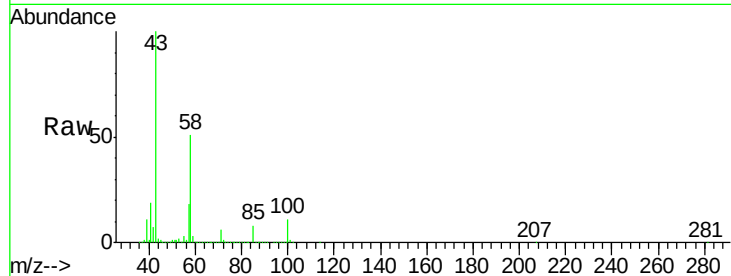




#59
2-Hexanone
Concen: 551.02 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

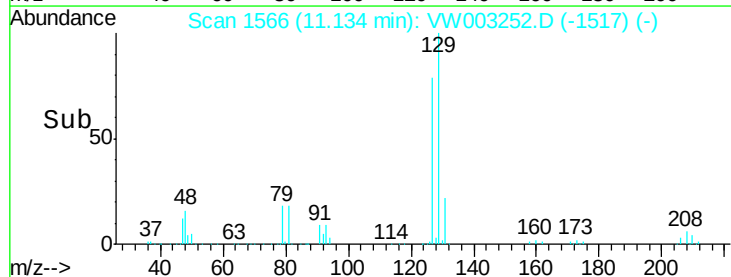
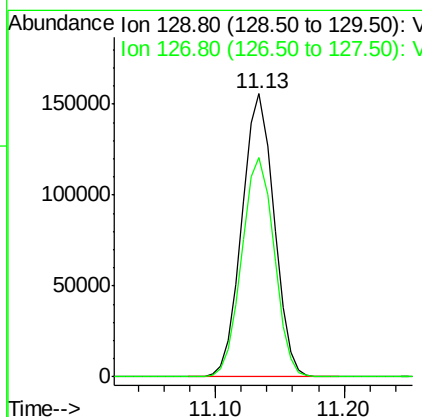
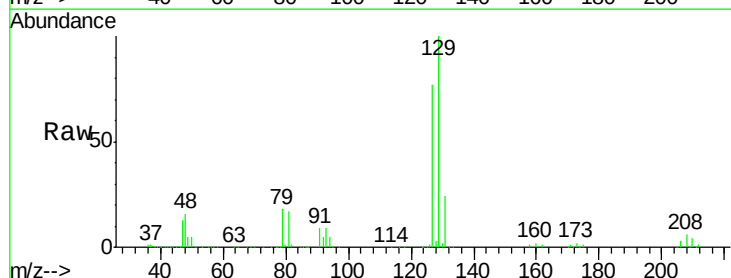
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

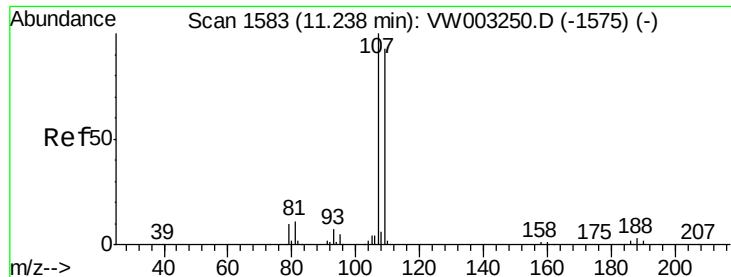
Tgt Ion: 43 Resp: 672344
Ion Ratio Lower Upper
43 100
58 51.2 25.0 75.0



#60
Dibromochloromethane
Concen: 103.79 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion: 129 Resp: 269044
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5

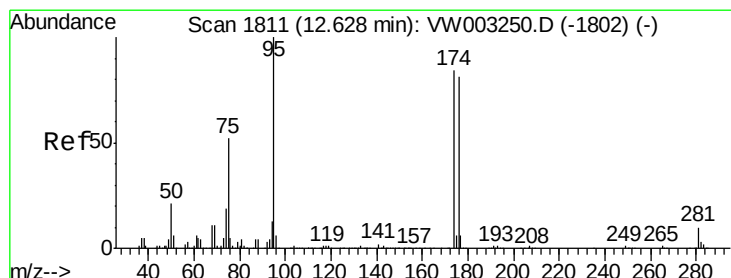
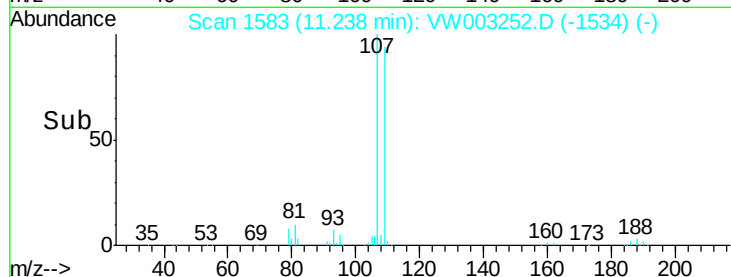
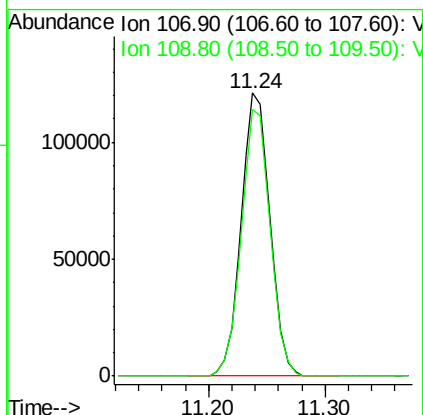
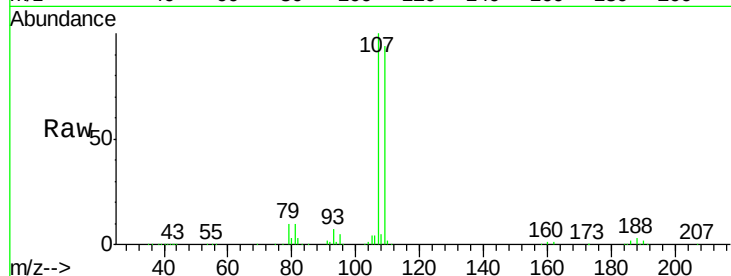




#61
 1,2-Dibromoethane
 Concen: 100.69 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

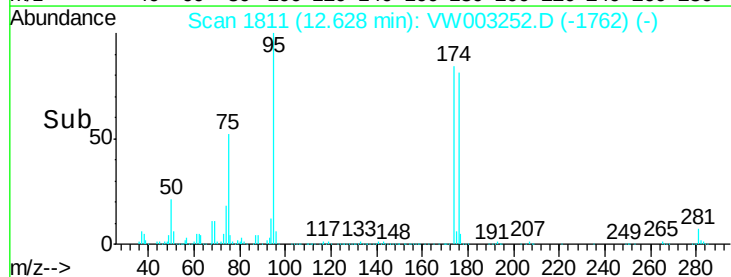
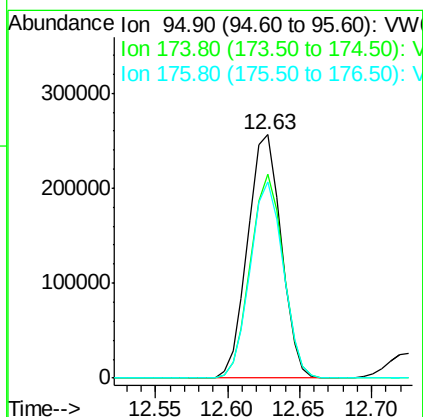
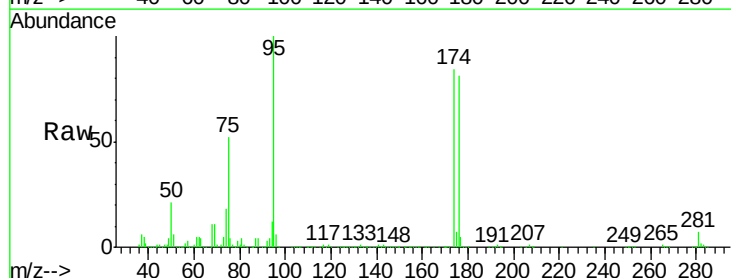
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

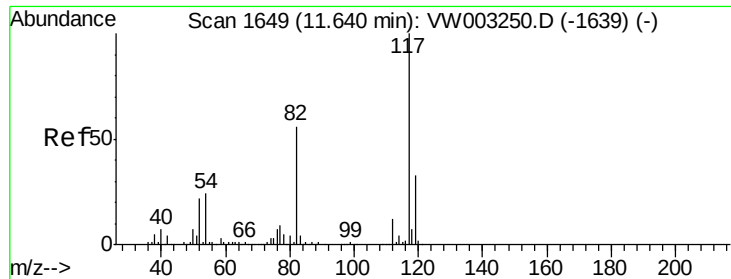
Tgt Ion: 107 Resp: 209120
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 112.45 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 95 Resp: 413408
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 166.4
 176 79.5 0.0 162.0

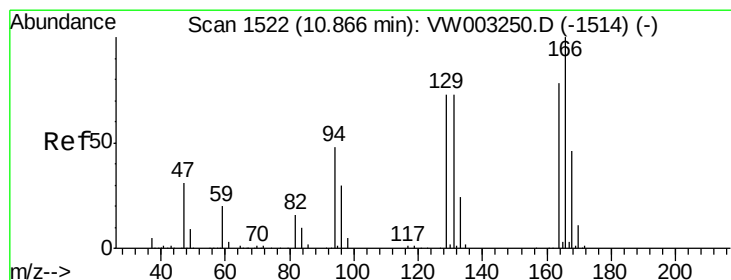
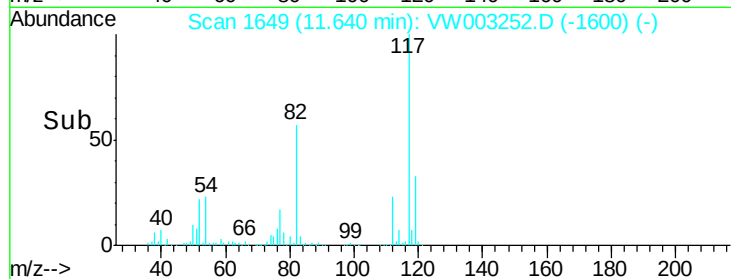
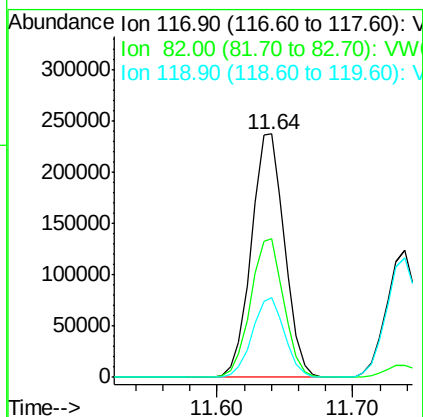
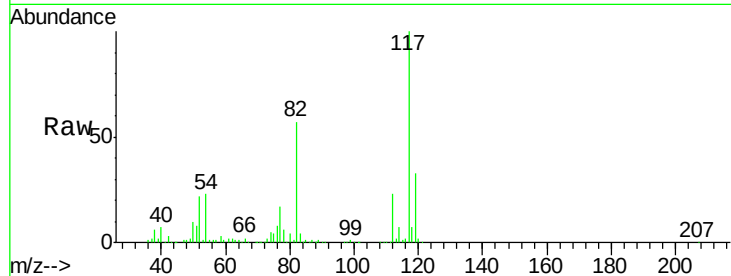




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

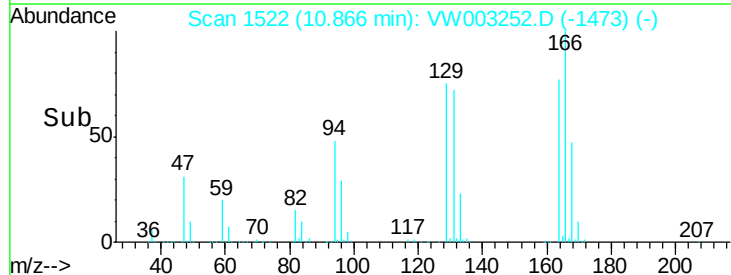
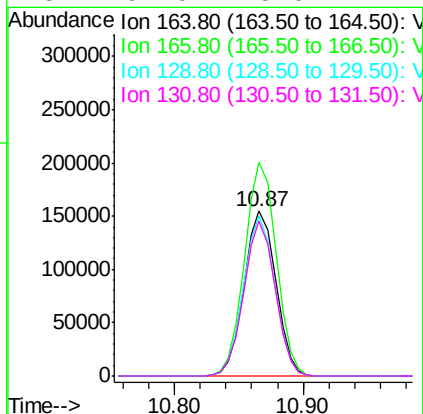
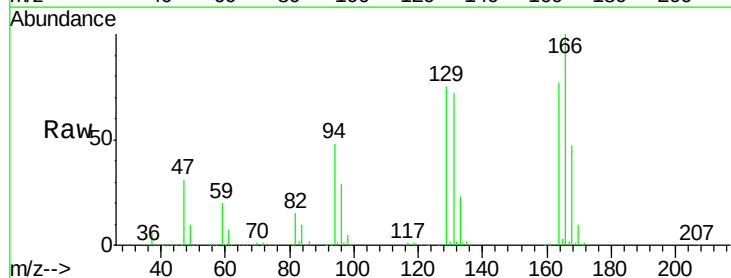
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

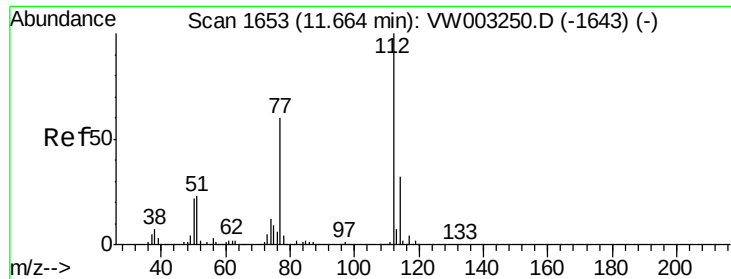
Tgt Ion:117 Resp: 406382
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.5 26.7 40.1



#64
Tetrachloroethene
Concen: 91.88 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion:164 Resp: 264404
Ion Ratio Lower Upper
164 100
166 129.7 102.6 154.0
129 97.0 75.2 112.8
131 94.0 75.0 112.4

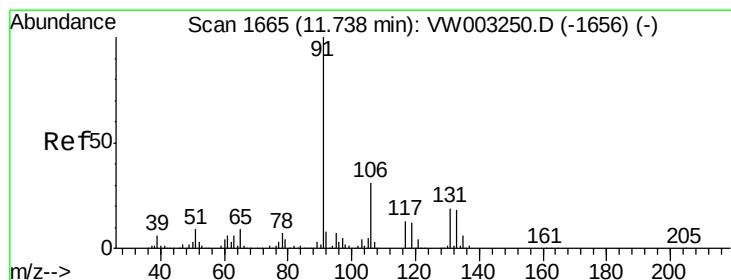
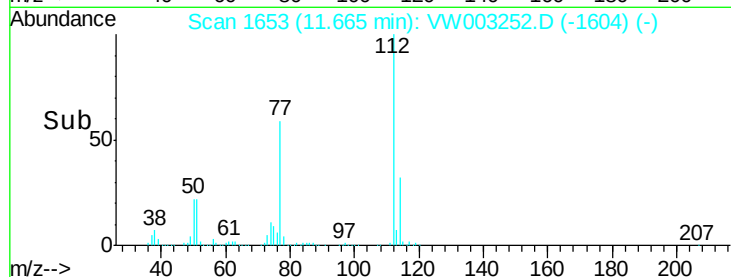
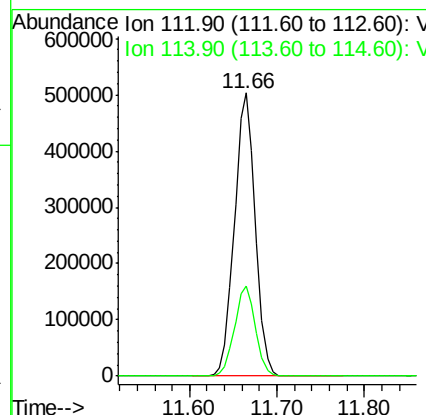
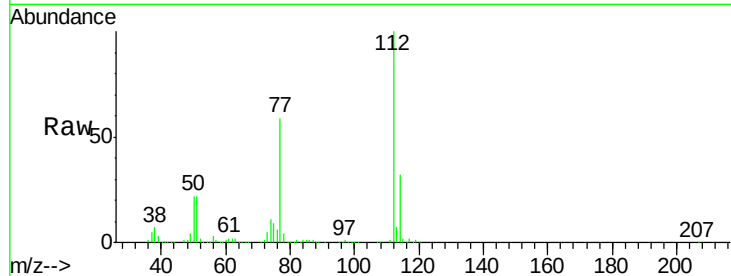




#65
Chlorobenzene
Concen: 99.46 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

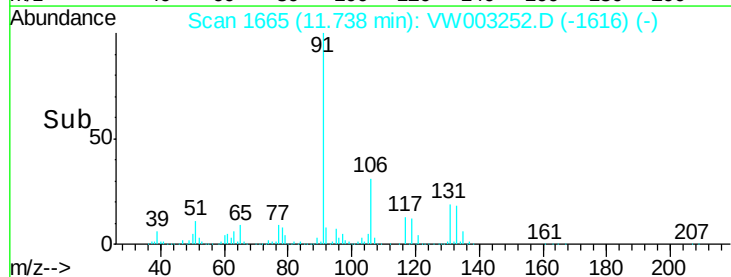
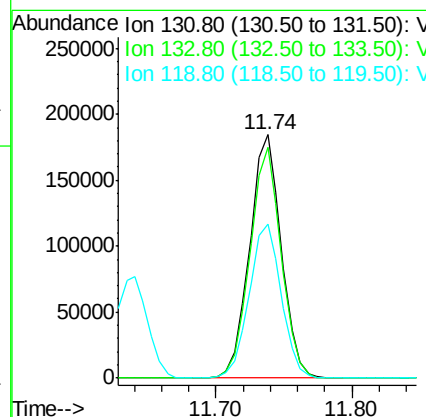
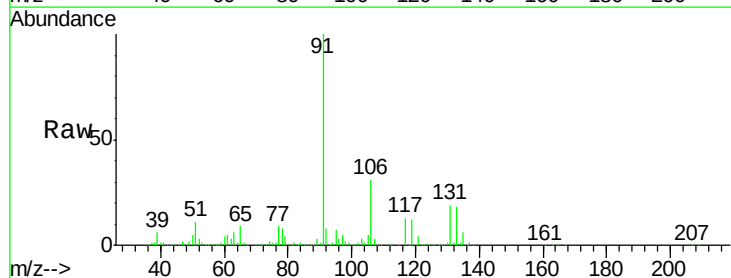
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

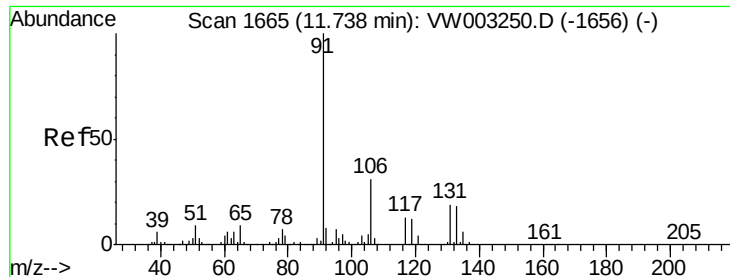
Tgt Ion:112 Resp: 831057
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 102.86 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion:131 Resp: 299804
Ion Ratio Lower Upper
131 100
133 93.8 47.3 142.0
119 64.4 32.5 97.4

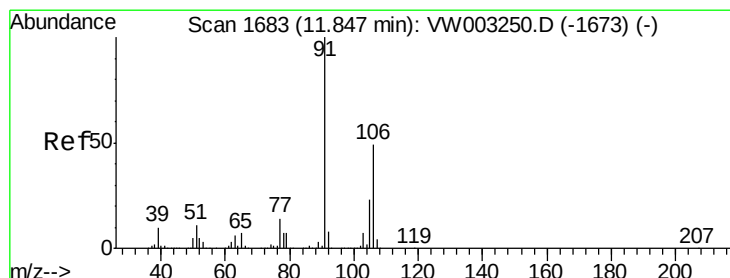
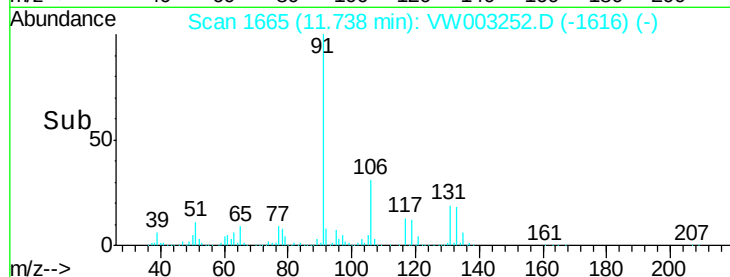
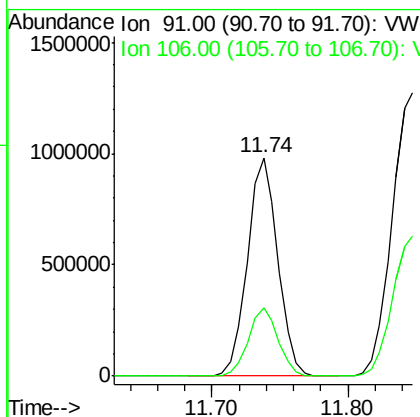
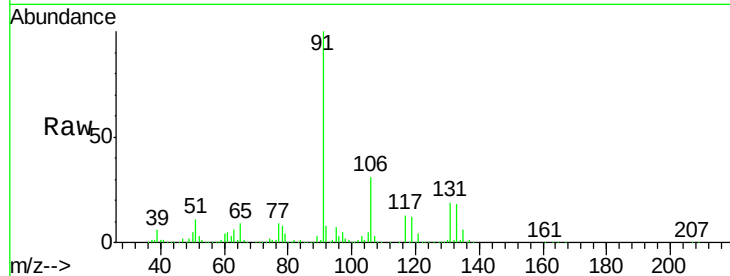




#67
 Ethyl Benzene
 Concen: 103.65 ug/l
 RT: 11.74 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

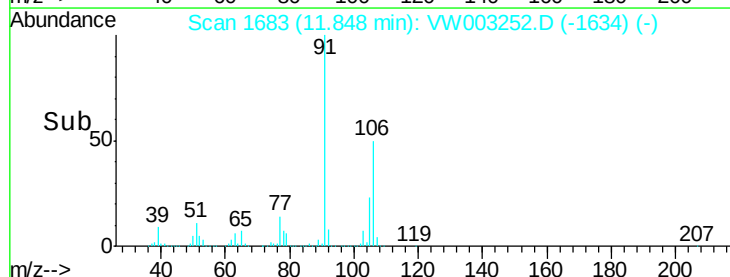
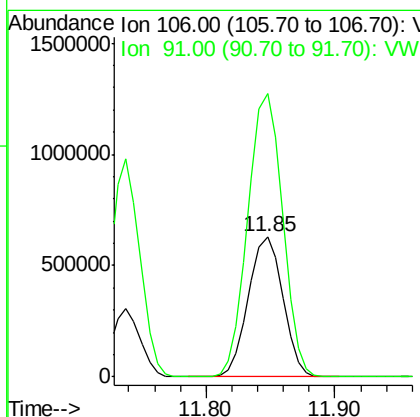
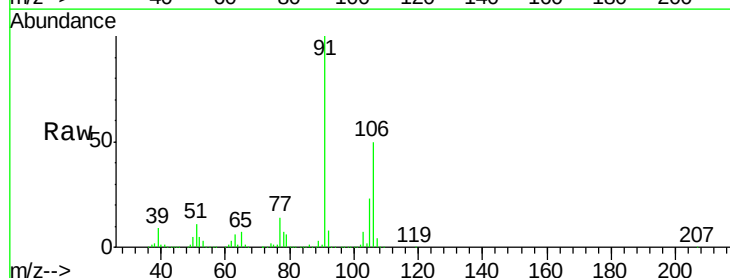
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

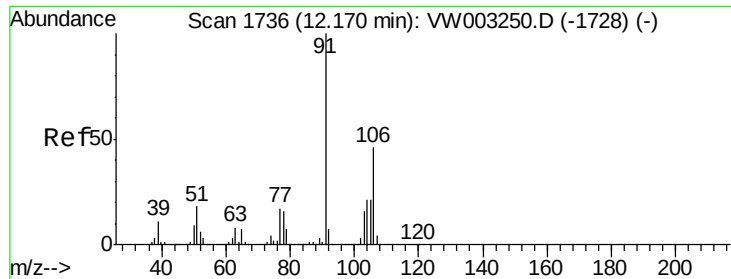
Tgt Ion: 91 Resp: 1531699
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.7 37.1



#68
 m/p-Xylenes
 Concen: 206.82 ug/l
 RT: 11.85 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 106 Resp: 1168385
 Ion Ratio Lower Upper
 106 100
 91 203.5 165.4 248.0

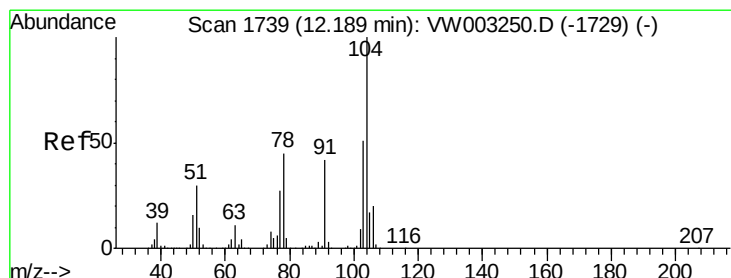
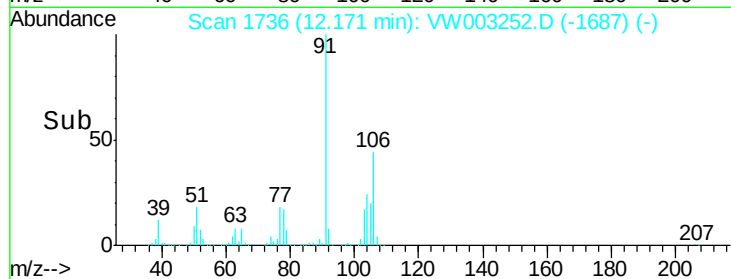
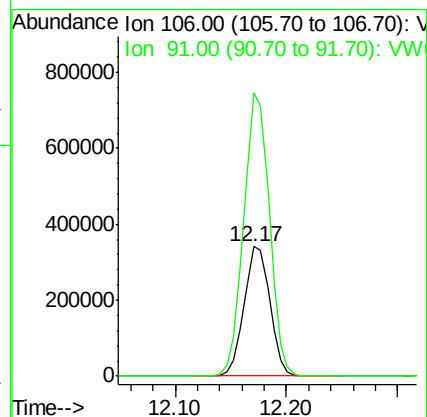
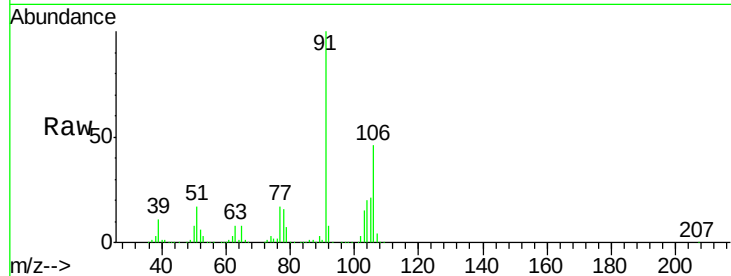




#69
o-Xylene
Concen: 103.41 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

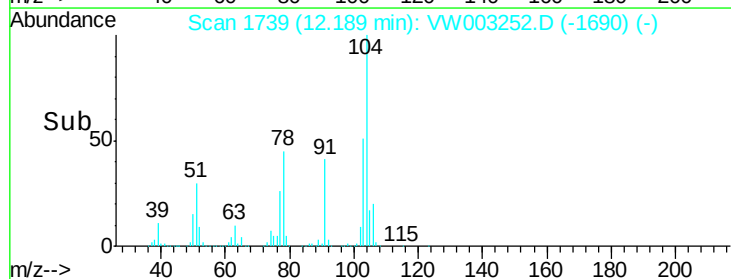
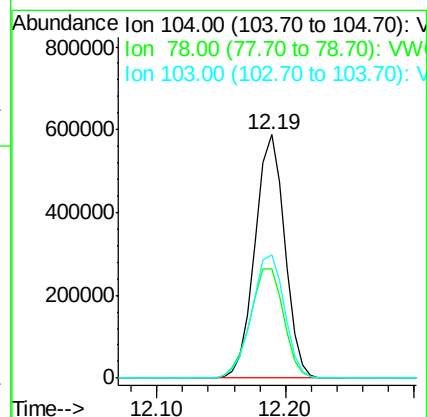
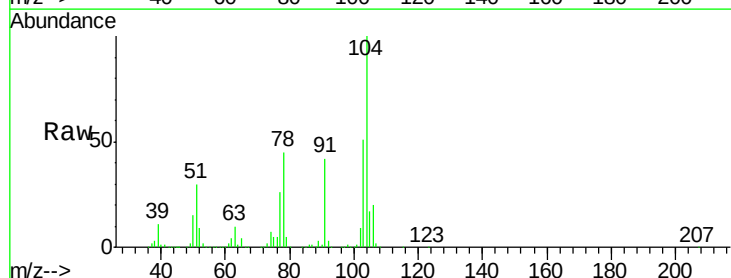
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

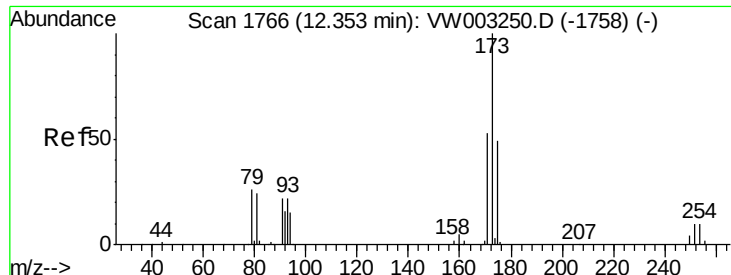
Tgt Ion:106 Resp: 550914
Ion Ratio Lower Upper
106 100
91 217.5 108.6 325.6



#70
Styrene
Concen: 104.94 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion:104 Resp: 933496
Ion Ratio Lower Upper
104 100
78 51.0 41.3 61.9
103 55.9 45.0 67.4





#71

Bromoform

Concen: 104.92 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

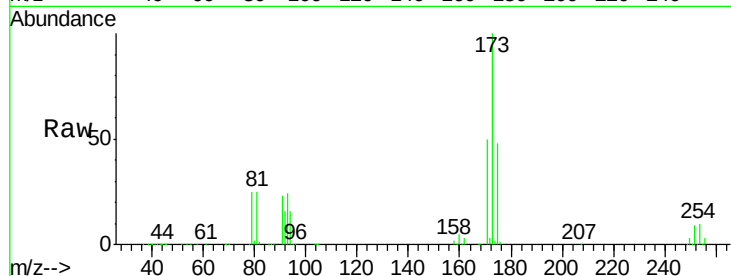
Tgt Ion:173 Resp: 163430

Ion Ratio Lower Upper

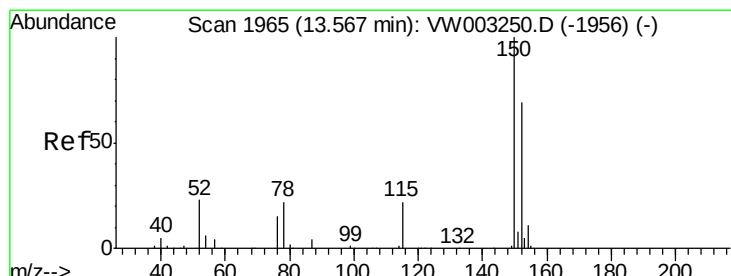
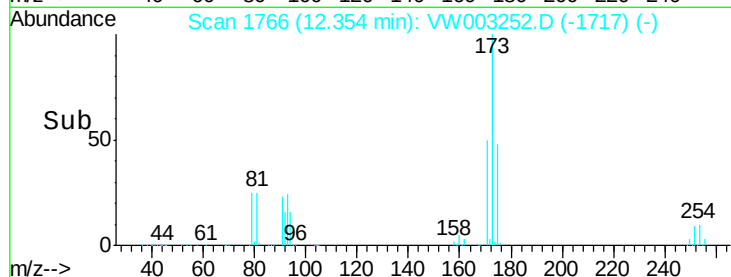
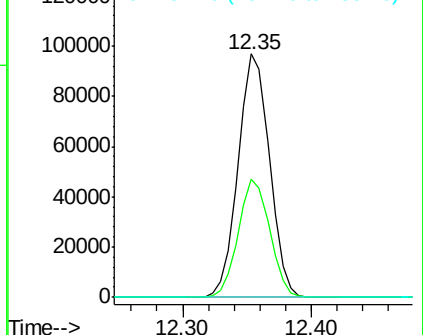
173 100

175 48.4 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: VW003252.D

Acq: 13 Jun 2018 18:15

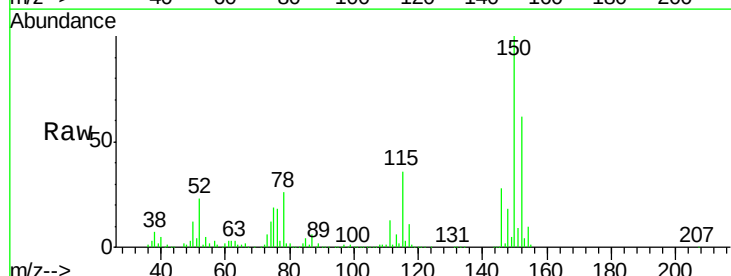
Tgt Ion:152 Resp: 211460

Ion Ratio Lower Upper

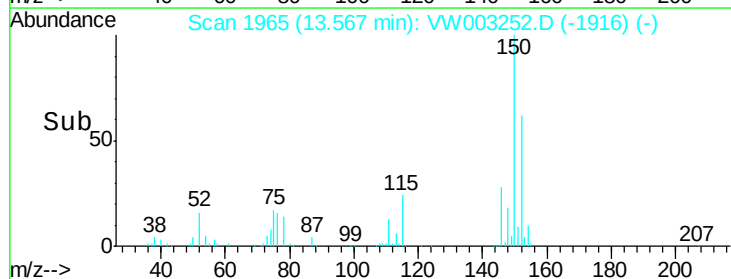
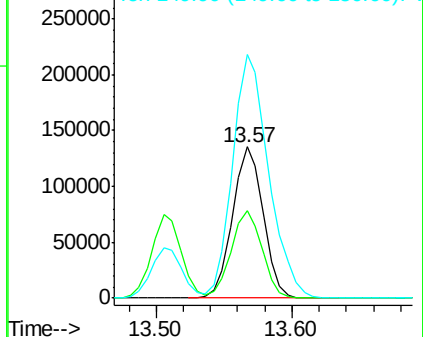
152 100

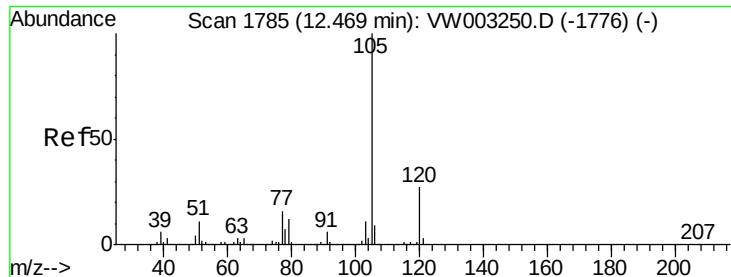
115 58.2 29.3 88.0

150 190.0 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: 106.43 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

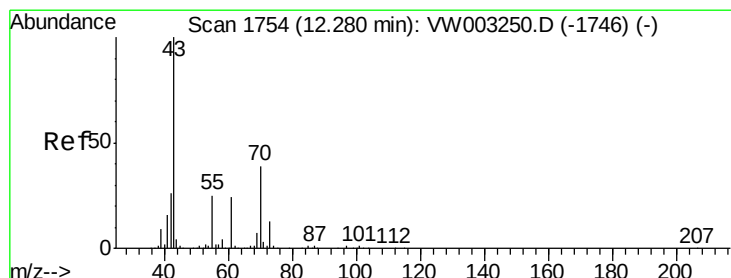
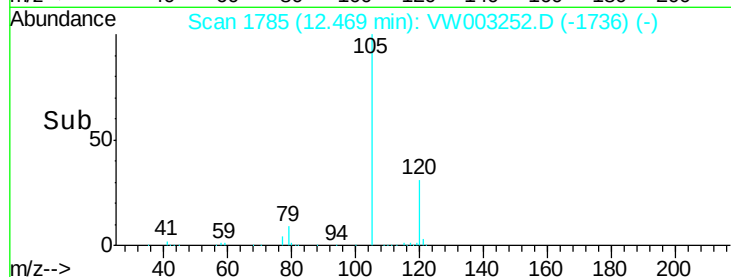
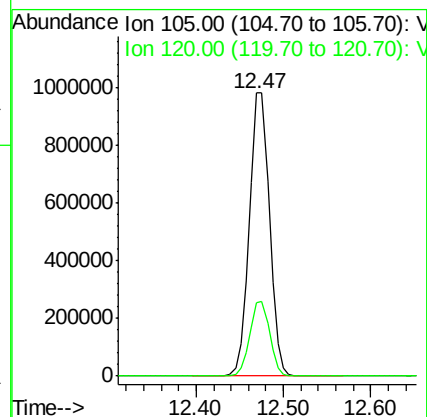
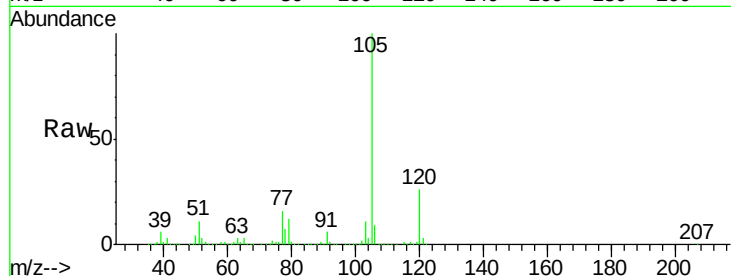
VSTDIC100

Tgt Ion:105 Resp: 1557931

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 111.35 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Tgt Ion: 43 Resp: 375619

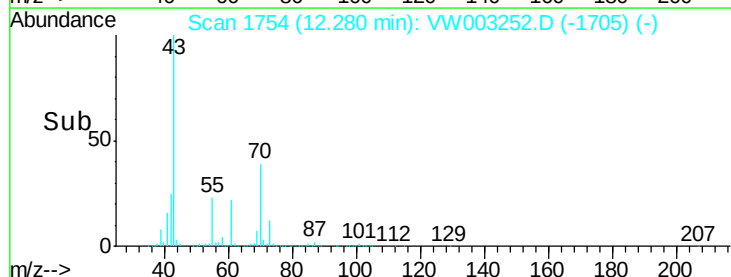
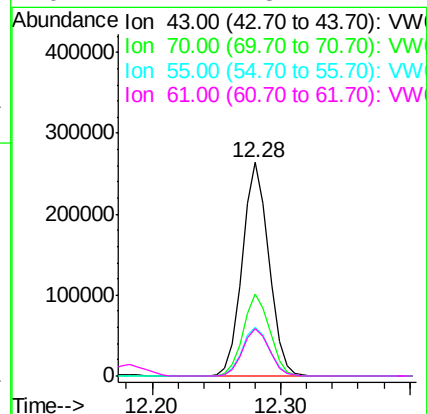
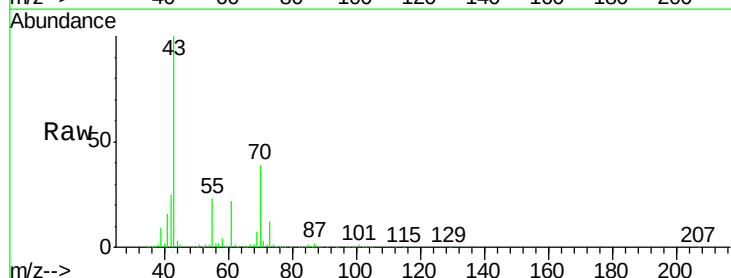
Ion Ratio Lower Upper

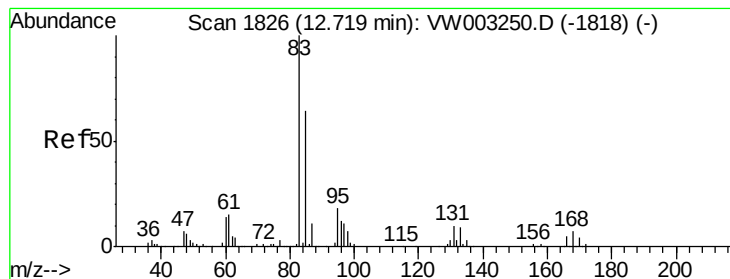
43 100

70 38.4 31.0 46.6

55 23.5 19.7 29.5

61 22.4 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 101.96 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

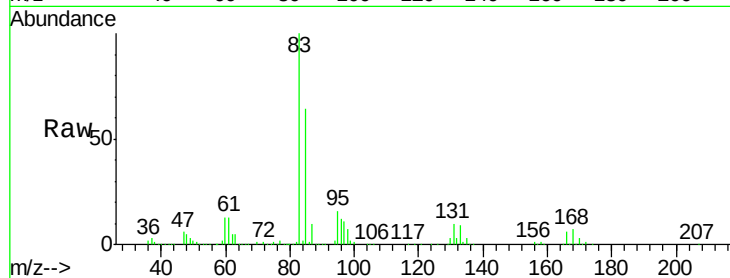
Tgt Ion: 83 Resp: 254227

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

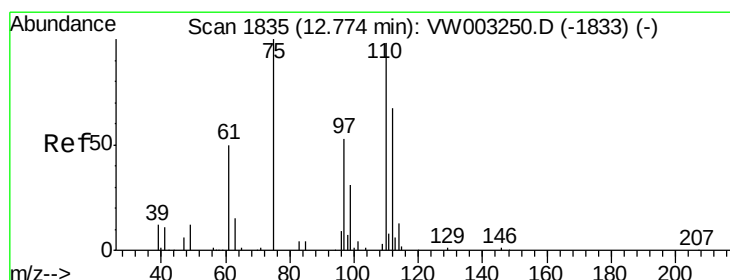
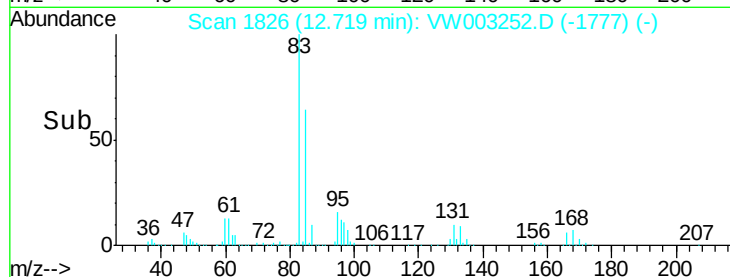
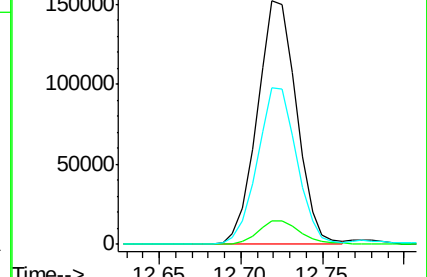
85 64.4 31.9 95.7



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: 188.20 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003252.D

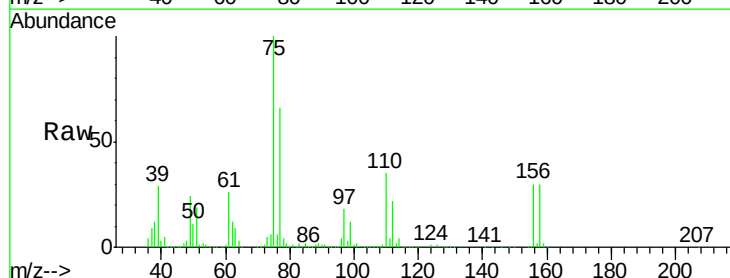
Acq: 13 Jun 2018 18:15

Tgt Ion: 75 Resp: 352927

Ion Ratio Lower Upper

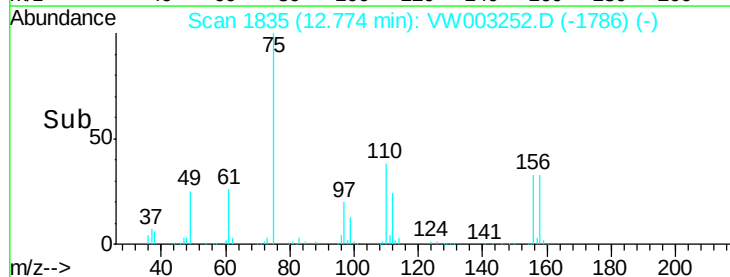
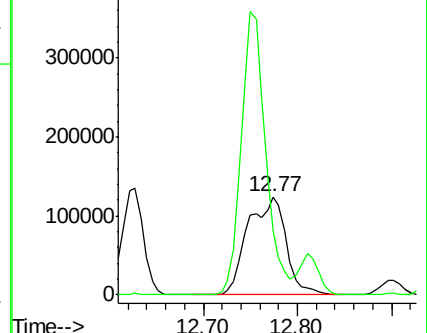
75 100

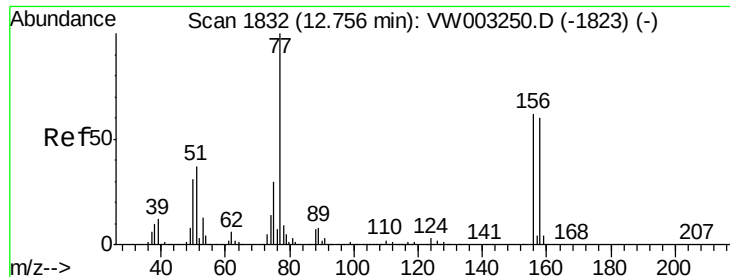
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 100.14 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

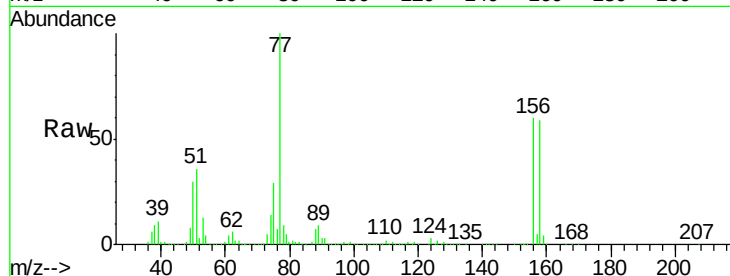
Tgt Ion:156 Resp: 345573

Ion Ratio Lower Upper

156 100

77 188.3 92.3 276.9

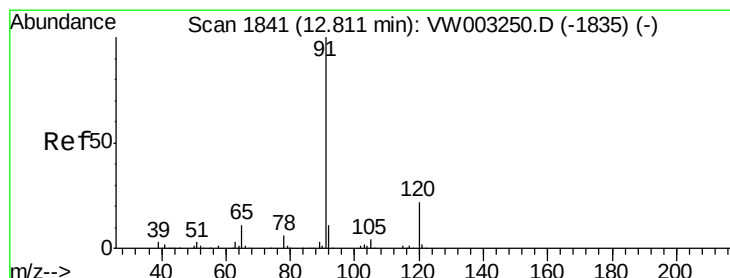
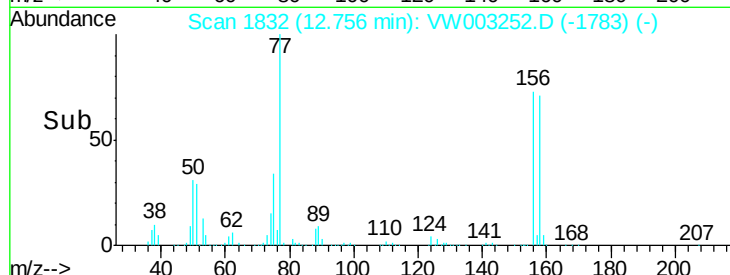
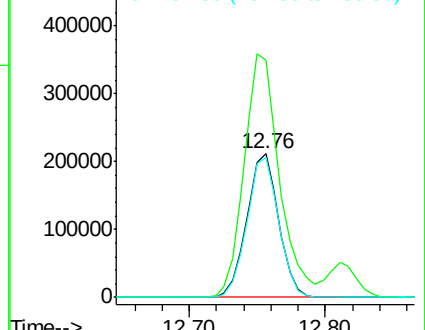
158 97.3 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 108.09 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003252.D

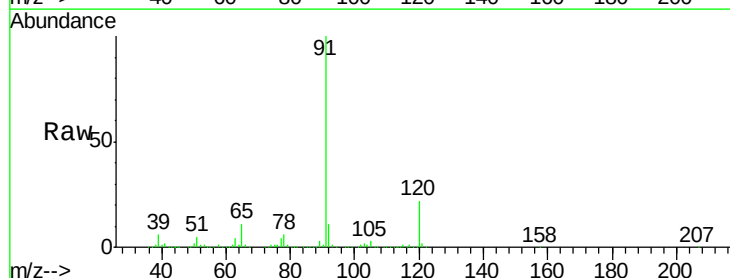
Acq: 13 Jun 2018 18:15

Tgt Ion: 91 Resp: 1889410

Ion Ratio Lower Upper

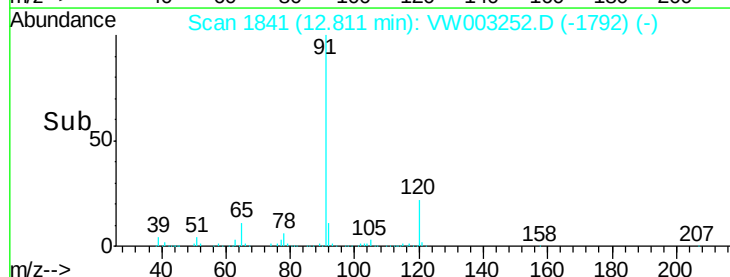
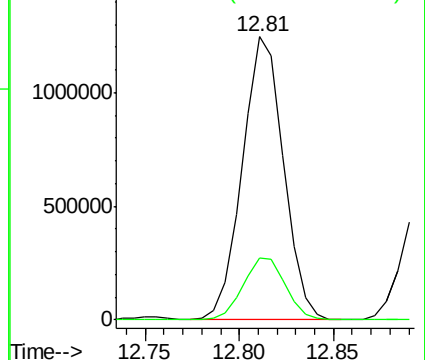
91 100

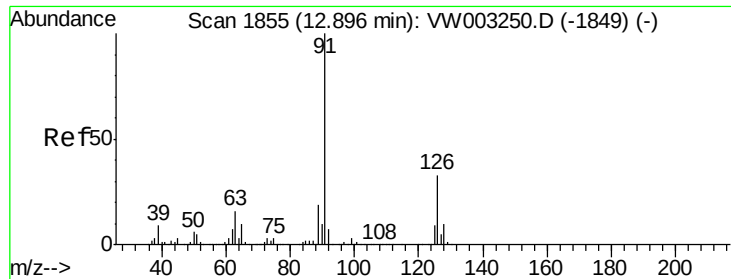
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 105.50 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

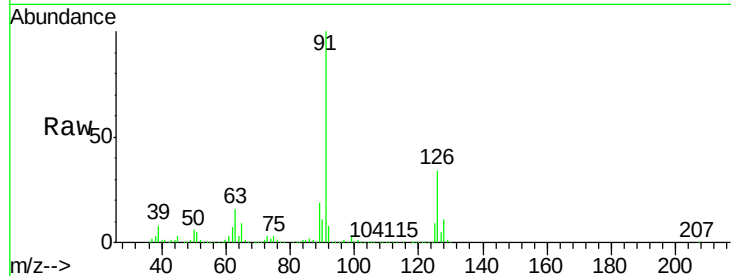
VSTDIC100

Tgt Ion: 91 Resp: 1047791

Ion Ratio Lower Upper

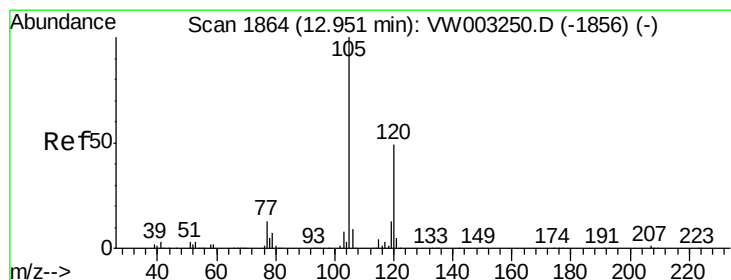
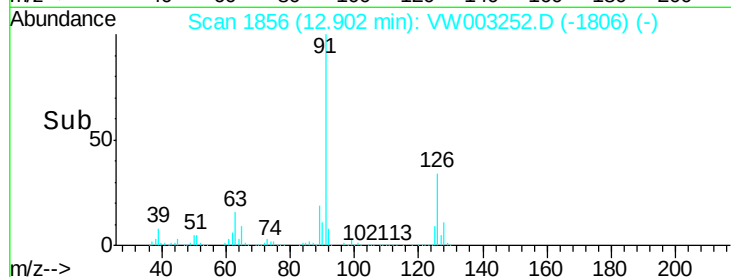
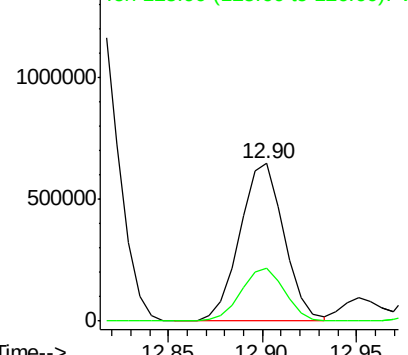
91 100

126 33.3 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 105.41 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003252.D

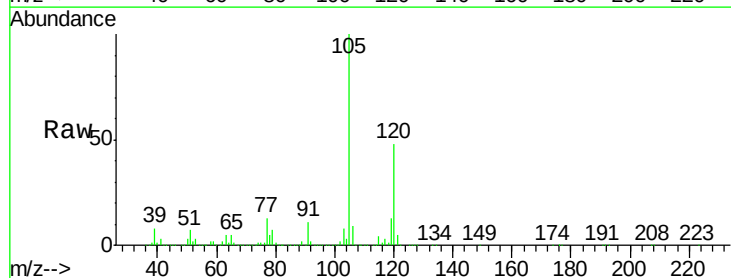
Acq: 13 Jun 2018 18:15

Tgt Ion: 105 Resp: 1286719

Ion Ratio Lower Upper

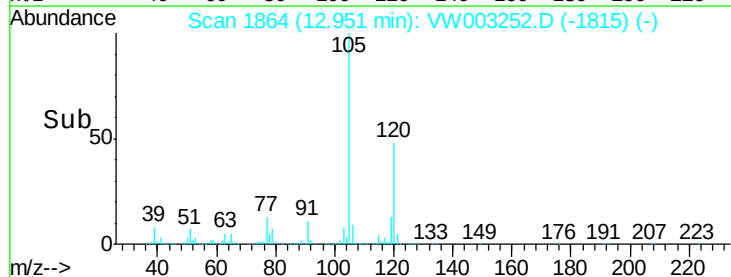
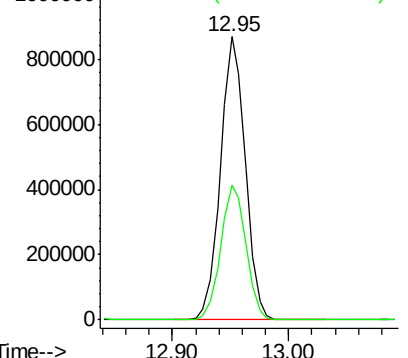
105 100

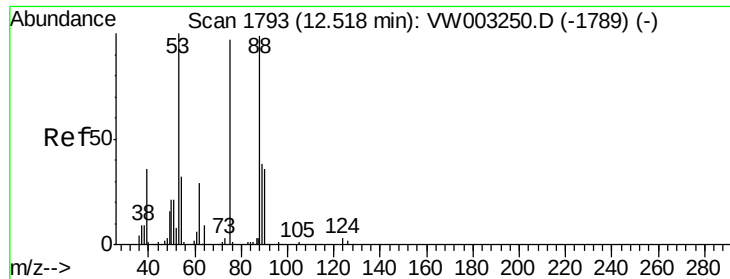
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 116.22 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

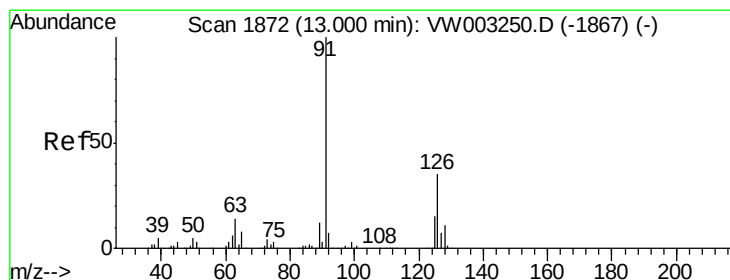
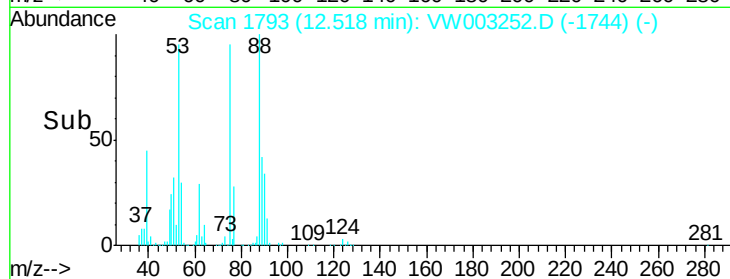
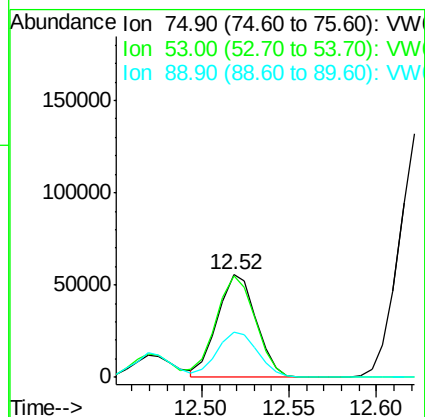
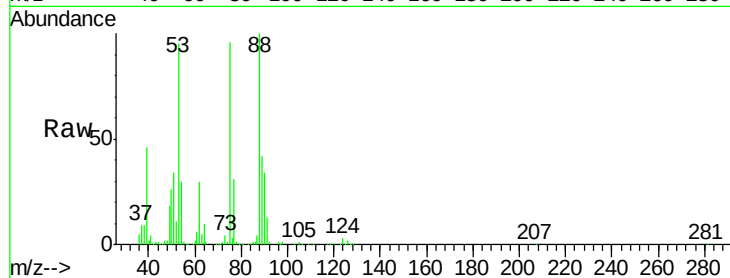
Tgt Ion: 75 Resp: 85927

Ion Ratio Lower Upper

75 100

53 102.1 82.9 124.3

89 46.0 36.7 55.1



#82

4-Chlorotoluene

Concen: 103.75 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003252.D

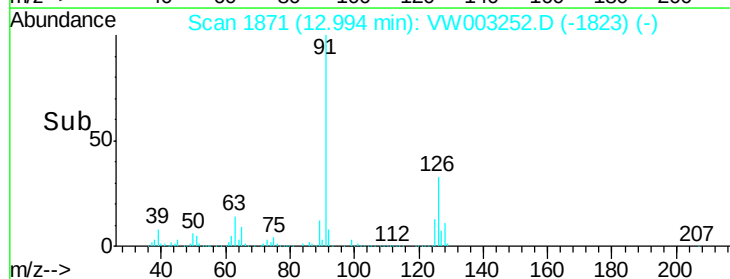
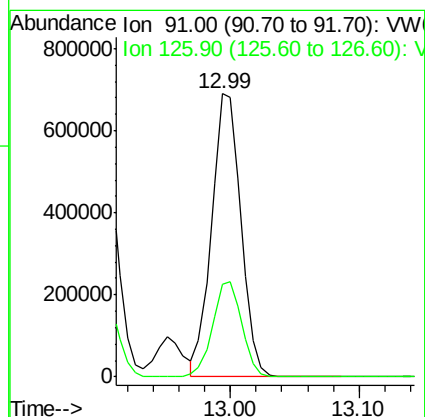
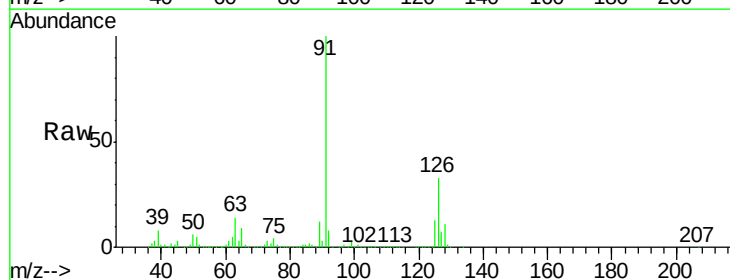
Acq: 13 Jun 2018 18:15

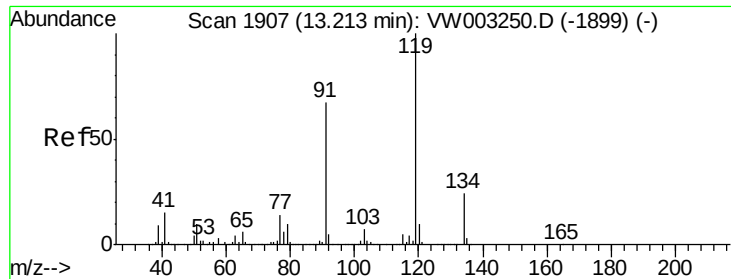
Tgt Ion: 91 Resp: 1100087

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3

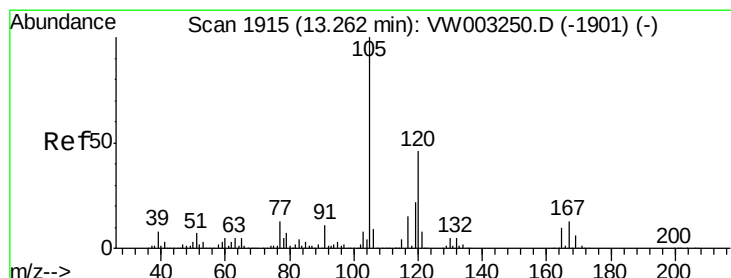
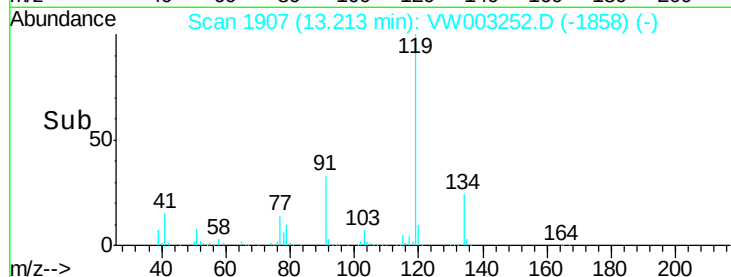
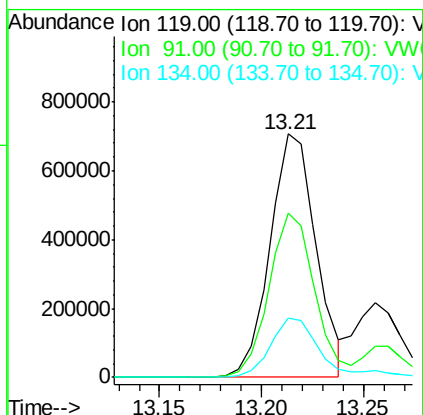
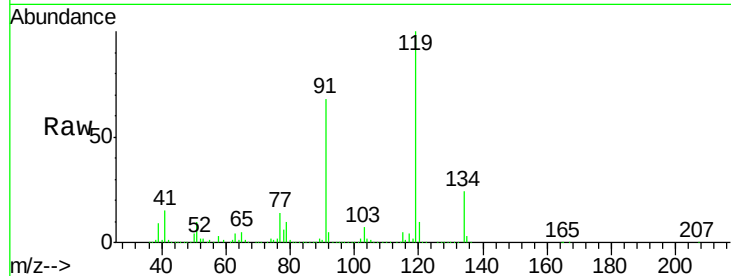




#83
 tert-Butylbenzene
 Concen: 103.15 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

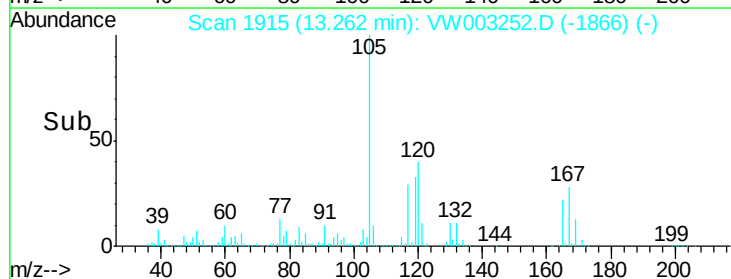
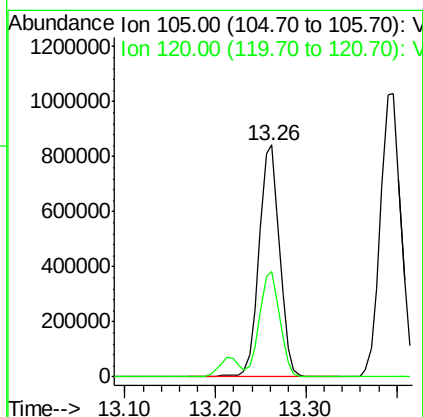
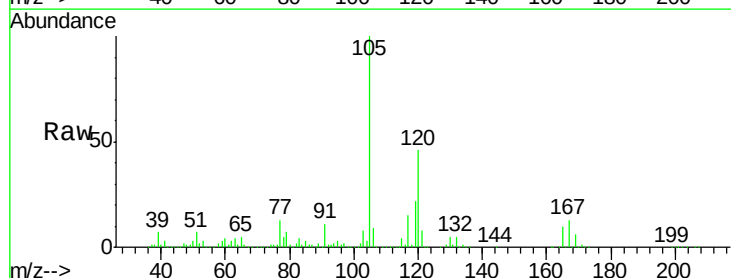
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

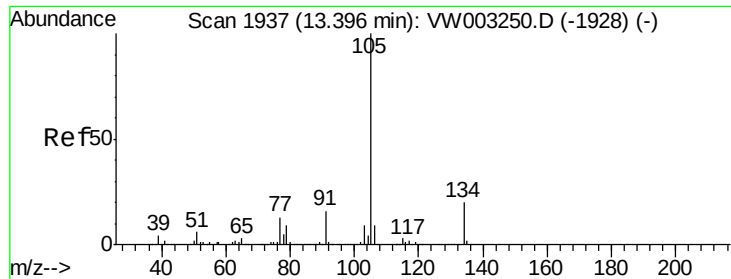
Tgt Ion:119 Resp: 1108397
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.9 101.7
 134 26.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 104.31 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion:105 Resp: 1315263
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 105.88 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

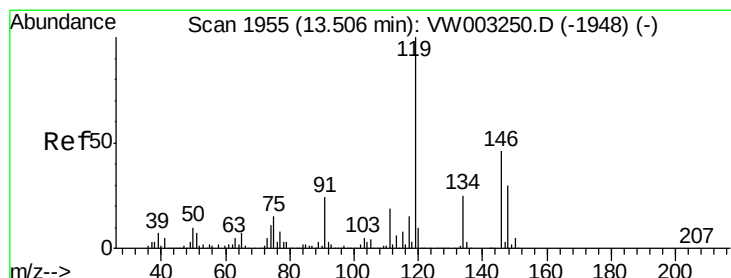
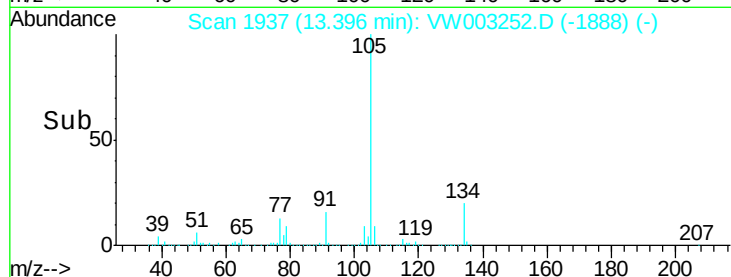
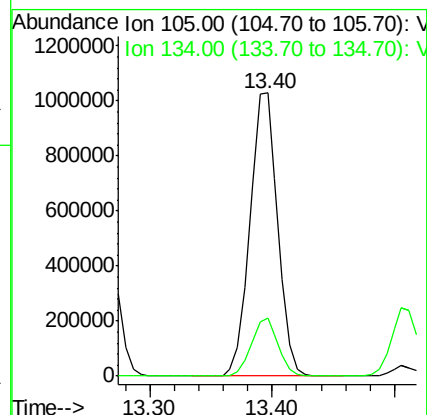
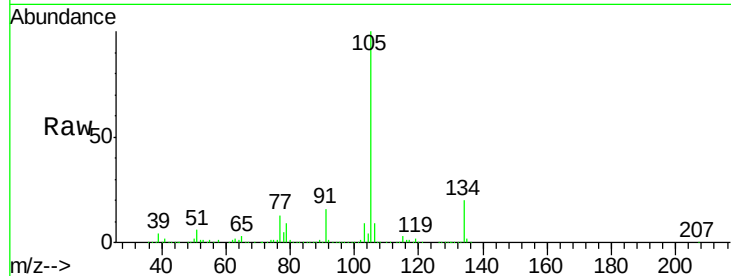
VSTDIC100

Tgt Ion:105 Resp: 1616075

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 105.59 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

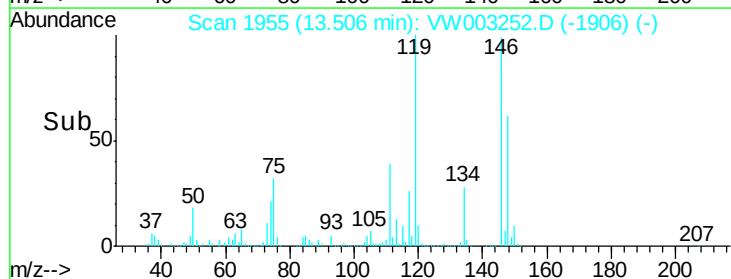
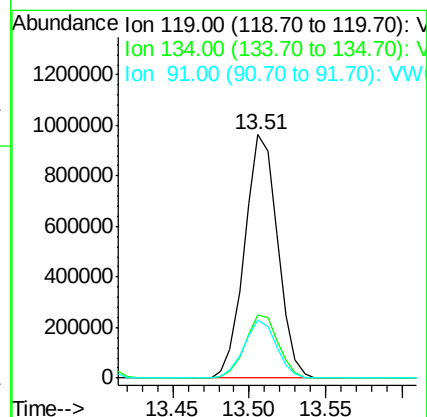
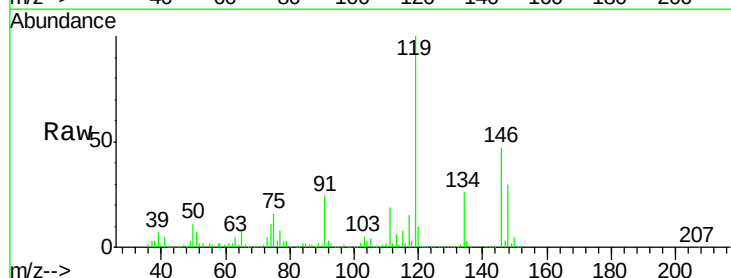
Tgt Ion:119 Resp: 1441034

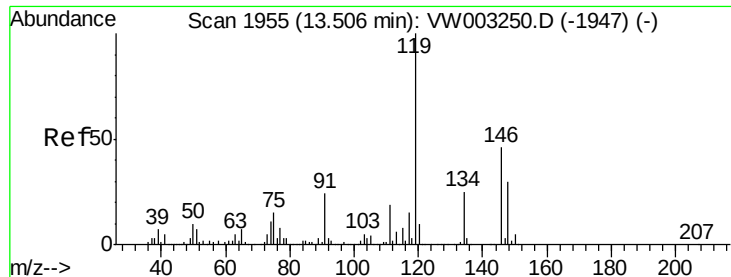
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 23.4 11.8 35.3

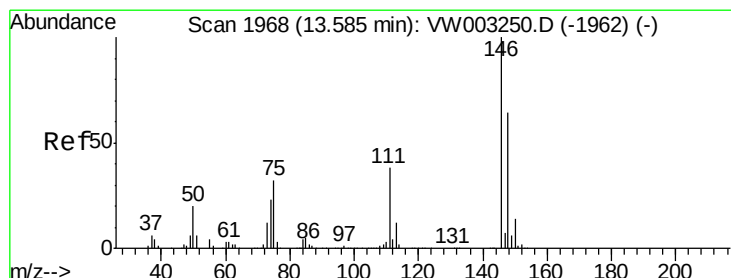
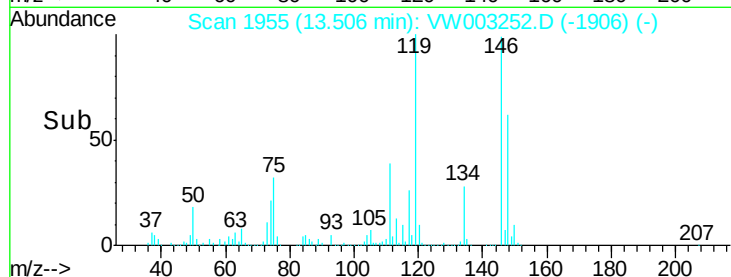
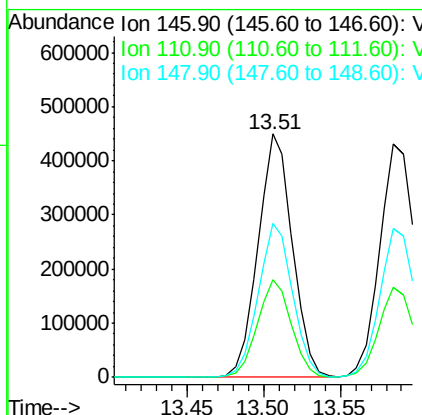
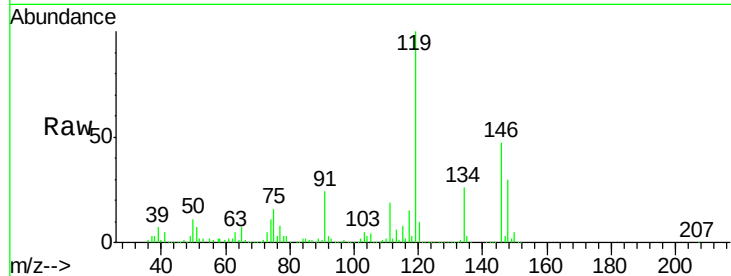




#87
1,3-Dichlorobenzene
Concen: 101.12 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

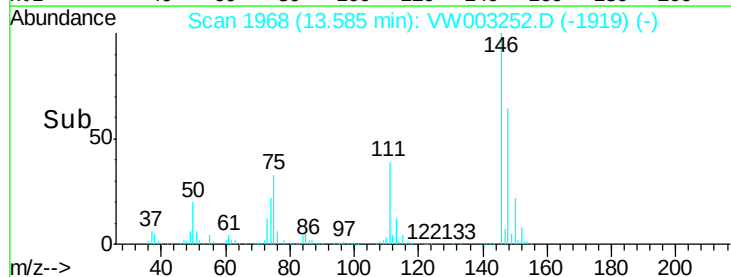
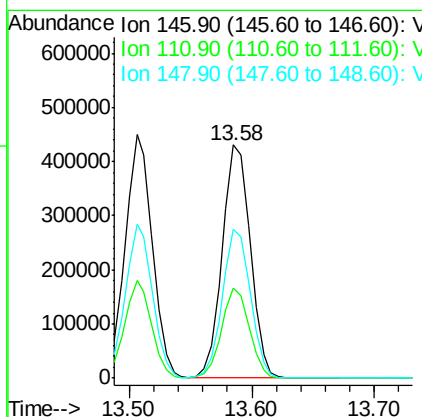
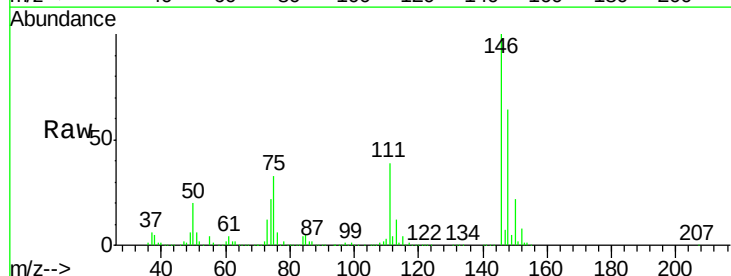
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

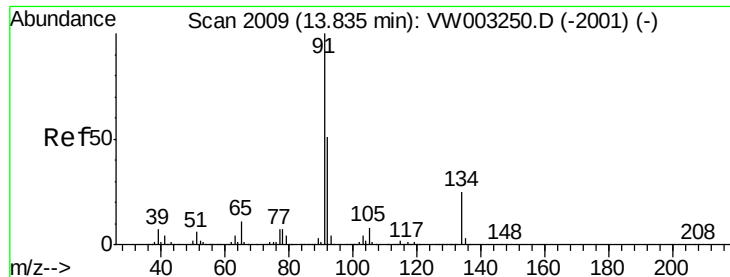
Tgt Ion:146 Resp: 702558
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.4
148 63.4 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 98.93 ug/l
RT: 13.58 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion:146 Resp: 686503
Ion Ratio Lower Upper
146 100
111 38.2 19.2 57.6
148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 107.82 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003252.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

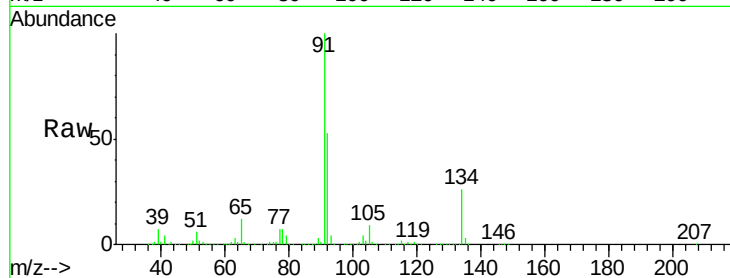
Tgt Ion: 91 Resp: 1392295

Ion Ratio Lower Upper

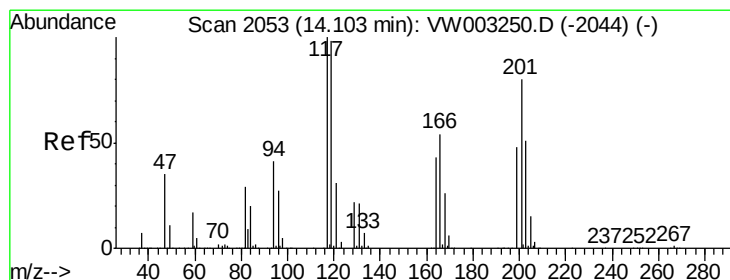
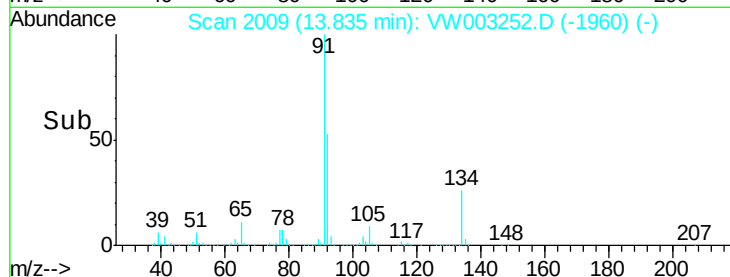
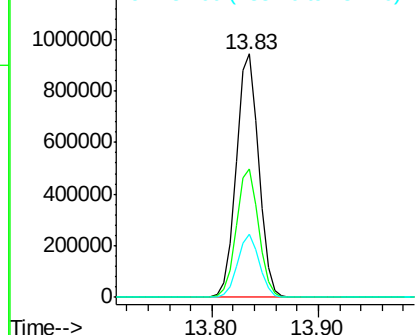
91 100

92 52.4 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: 106.78 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003252.D

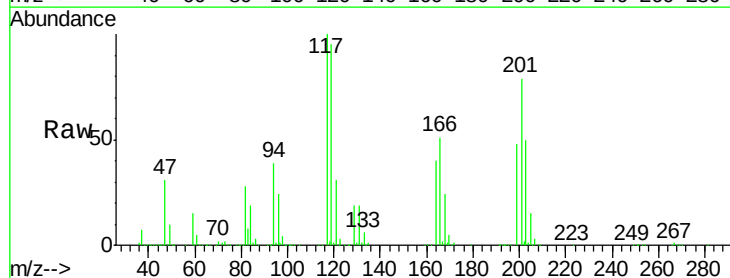
Acq: 13 Jun 2018 18:15

Tgt Ion: 117 Resp: 258798

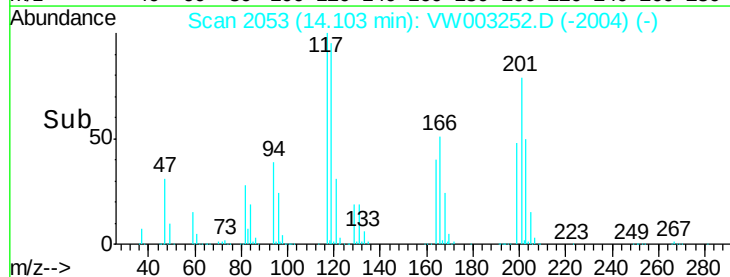
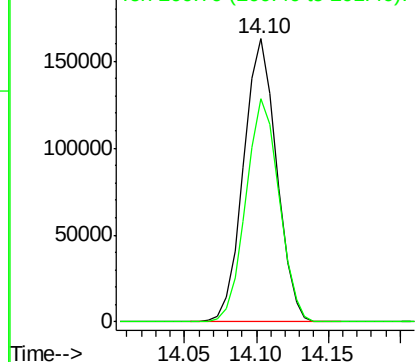
Ion Ratio Lower Upper

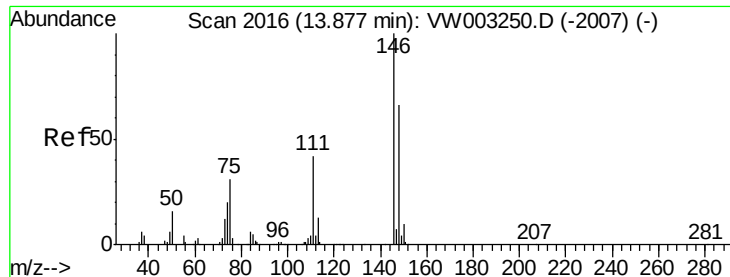
117 100

201 79.3 39.5 118.5



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

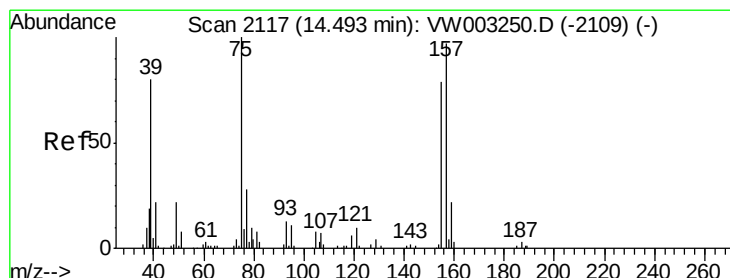
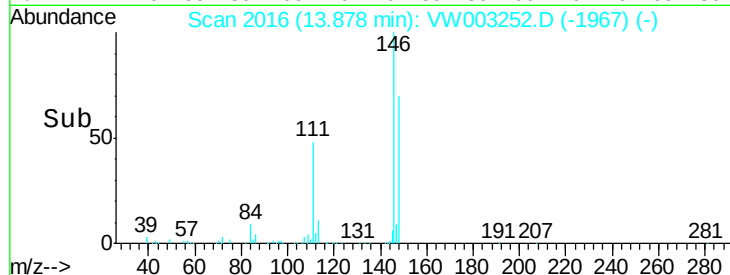
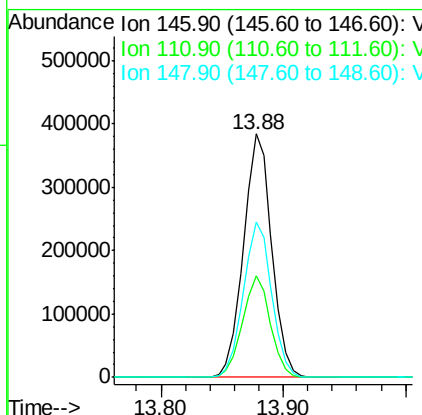
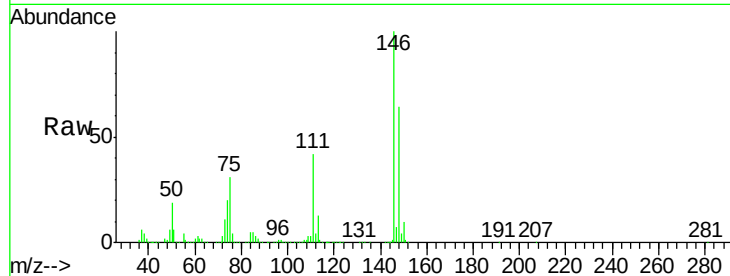




#91
 1,2-Dichlorobenzene
 Concen: 99.00 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

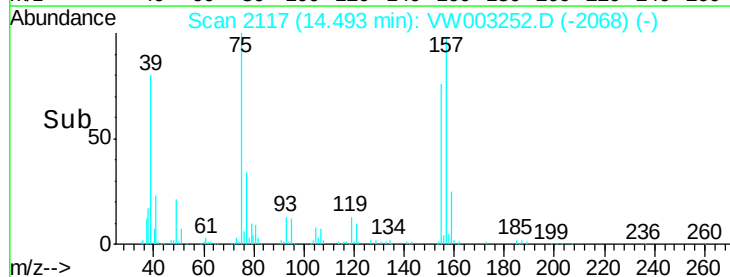
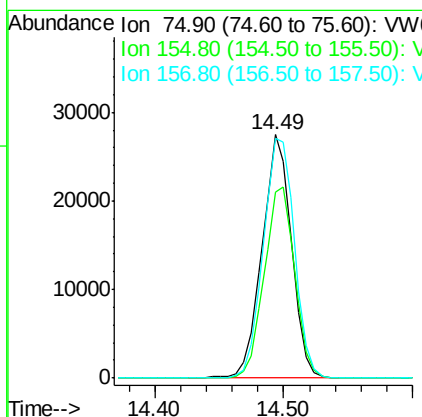
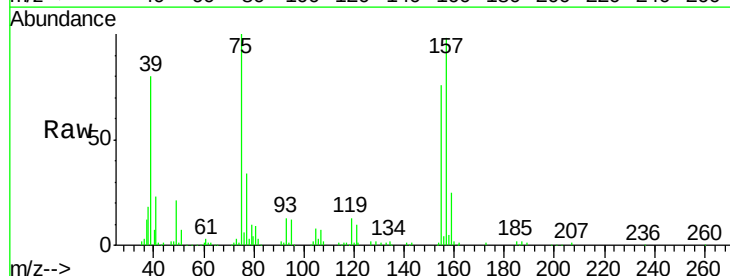
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

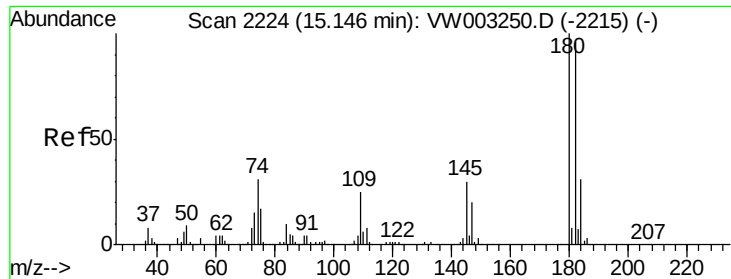
Tgt Ion: 146 Resp: 612442
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 63.9 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.08 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion: 75 Resp: 43291
 Ion Ratio Lower Upper
 75 100
 155 81.6 39.4 118.2
 157 104.6 51.5 154.5

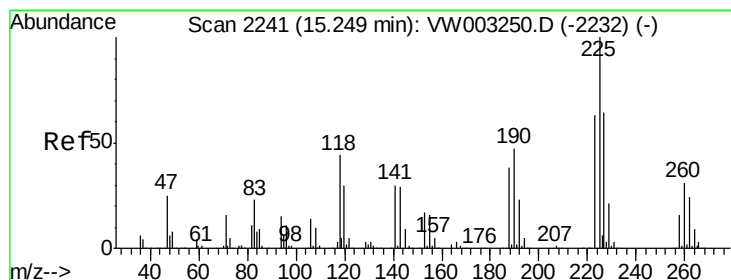
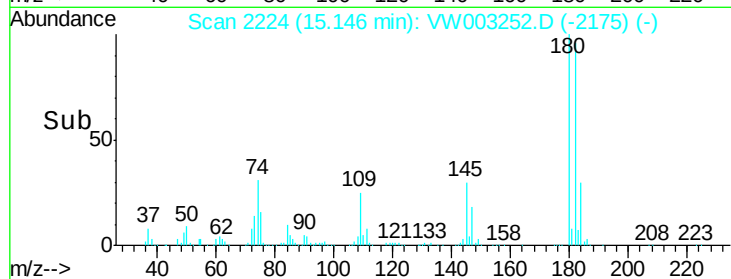
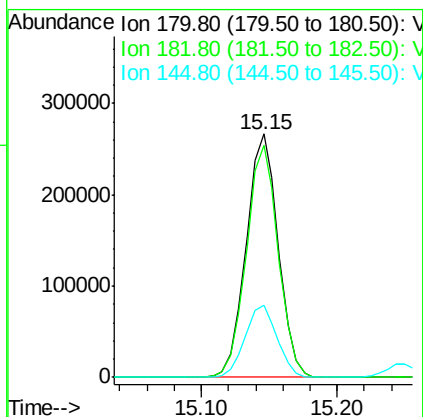
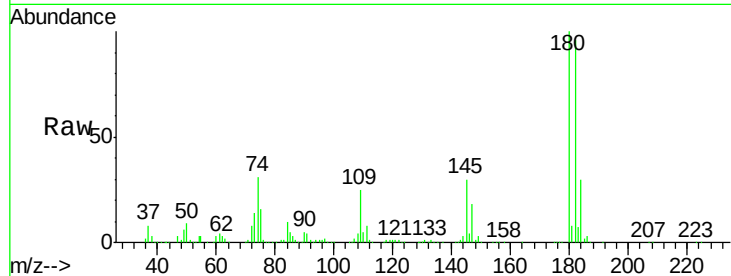




#93
 1,2,4-Trichlorobenzene
 Concen: 99.55 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

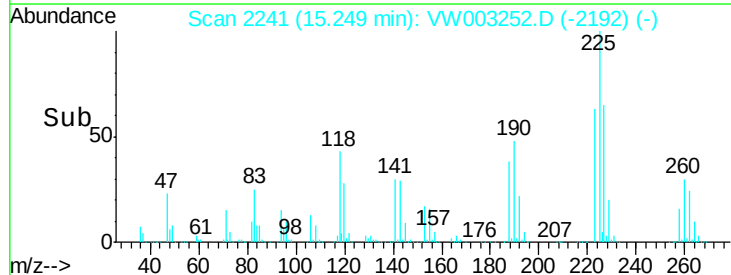
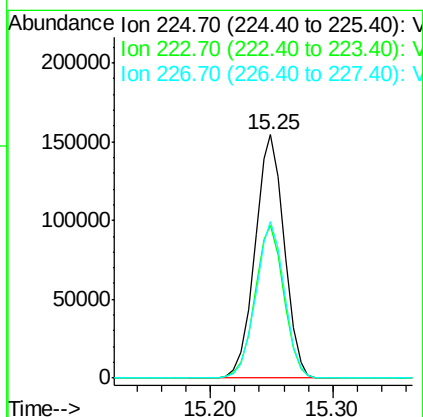
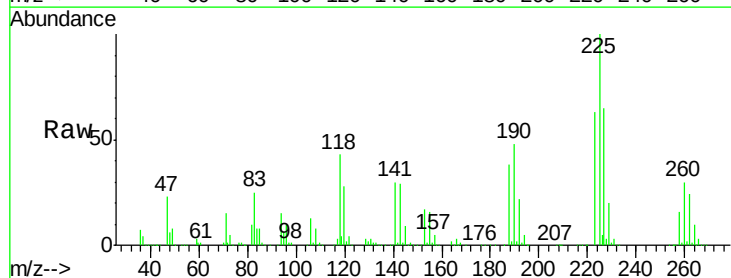
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

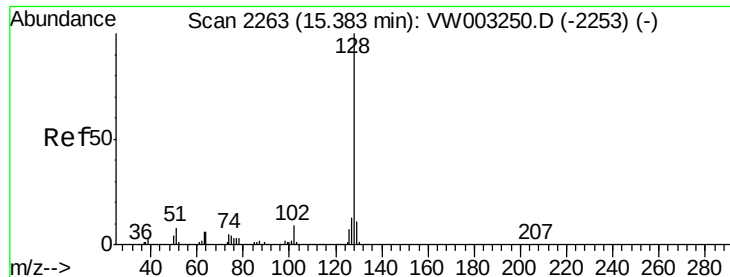
Tgt Ion:180 Resp: 438461
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.9 143.6
 145 30.1 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 99.02 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003252.D
 Acq: 13 Jun 2018 18:15

Tgt Ion:225 Resp: 255569
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.6 92.0
 227 63.2 31.7 95.1

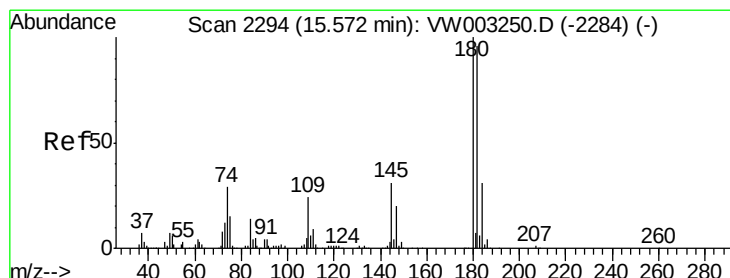
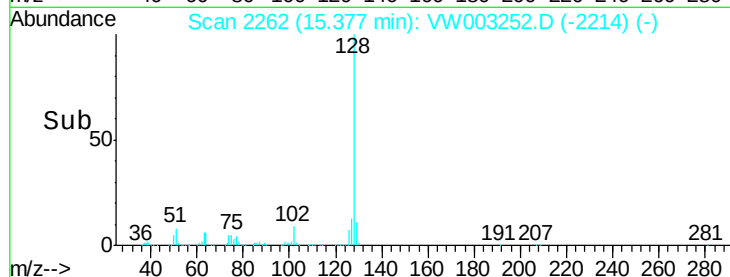
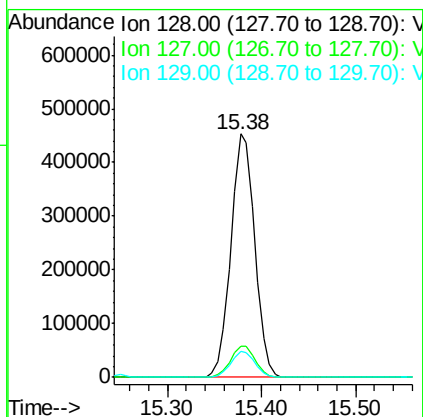
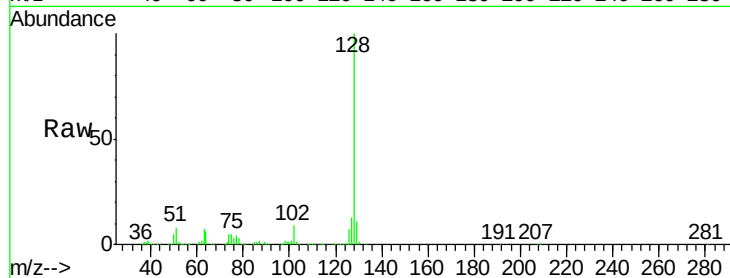




#95
Naphthalene
Concen: 101.64 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 791744
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 98.07 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003252.D
Acq: 13 Jun 2018 18:15

Tgt Ion:180 Resp: 380185
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 31.5 15.8 47.4

