

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061518\
 Data File : VW003315.D
 Acq On : 16 Jun 2018 01:20
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 16 03:52:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	472635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225427	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	176706	55.53	ug/l	0.00
Spiked Amount			Recovery	=	111.06%	
35) Dibromofluoromethane	7.88	113	155035	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
50) Toluene-d8	10.33	98	617822	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.63	95	223305	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	31366	35.314	ug/l	88
3) Chloromethane	2.21	50	103202	45.988	ug/l	99
4) Vinyl Chloride	2.36	62	149938	45.832	ug/l	98
5) Bromomethane	2.78	94	94079	43.267	ug/l	98
6) Chloroethane	2.92	64	93240	40.945	ug/l	99
7) Trichlorofluoromethane	3.25	101	82083	41.882	ug/l	95
8) Diethyl Ether	3.67	74	79354	55.117	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130082	47.798	ug/l	99
10) Methyl Iodide	4.26	142	213136	51.785	ug/l	98
11) Tert butyl alcohol	5.25	59	52585	308.122	ug/l	99
12) 1,1-Dichloroethene	4.03	96	131281	49.363	ug/l	96
13) Acrolein	3.90	56	57181	234.346	ug/l	99
14) Allyl chloride	4.66	41	244885	53.158	ug/l	95
15) Acrylonitrile	5.37	53	173386	292.709	ug/l	99
16) Acetone	4.15	43	148639	222.714	ug/l	98
17) Carbon Disulfide	4.37	76	383956	48.834	ug/l	99
18) Methyl Acetate	4.67	43	92528	58.441	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	294446	59.112	ug/l	97
20) Methylene Chloride	4.91	84	155167	55.106	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	146937	50.766	ug/l	96
22) Diisopropyl ether	6.31	45	511893	55.212	ug/l	97
23) Vinyl Acetate	6.26	43	1516279	283.798	ug/l	100
24) 1,1-Dichloroethane	6.21	63	286581	52.067	ug/l	98
25) 2-Butanone	7.18	43	231066	278.429	ug/l	100
26) 2,2-Dichloropropane	7.17	77	165144	44.958	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	168040	52.850	ug/l	99
28) Bromochloromethane	7.51	49	135389	59.111	ug/l	97
29) Tetrahydrofuran	7.54	42	152105	299.891	ug/l	99
30) Chloroform	7.68	83	287598	51.289	ug/l	98
31) Cyclohexane	7.96	56	239821	46.639	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	228151	49.293	ug/l	99
36) 1,1-Dichloropropene	8.09	75	217571	47.667	ug/l	99
37) Ethyl Acetate	7.26	43	108812	57.544	ug/l	99
38) Carbon Tetrachloride	8.07	117	207758	46.403	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	252077	47.729	ug/l	99
40) Benzene	8.33	78	631790	50.216	ug/l	100
41) Methacrylonitrile	7.49	41	67076	57.806	ug/l	98
42) 1,2-Dichloroethane	8.40	62	196637	49.884	ug/l	99
43) Isopropyl Acetate	8.43	43	211197	56.249	ug/l	99
44) Trichloroethene	9.10	130	162011	48.596	ug/l	98
45) 1,2-Dichloropropane	9.37	63	164306	51.290	ug/l	98
46) Dibromomethane	9.46	93	84800	51.704	ug/l	99
47) Bromodichloromethane	9.65	83	212101	50.452	ug/l	97
48) Methyl methacrylate	9.44	41	101785	57.684	ug/l	96
49) 1,4-Dioxane	9.48	88	26320	1062.853	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	550527	287.750	ug/l	98
52) Toluene	10.39	92	398960	49.449	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	218660	50.917	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	249004	50.944	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	122556	53.029	ug/l	99
56) Ethyl methacrylate	10.65	69	160881	57.325	ug/l	98
57) 1,3-Dichloropropane	10.94	76	210307	52.761	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	363232	288.720	ug/l	98
59) 2-Hexanone	10.98	43	377117	282.157	ug/l	99
60) Dibromochloromethane	11.13	129	142507	51.851	ug/l	98
61) 1,2-Dibromoethane	11.24	107	114851	52.537	ug/l	100
64) Tetrachloroethene	10.87	164	143034	48.669	ug/l	98
65) Chlorobenzene	11.66	112	443655	48.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	154730	48.120	ug/l	98
67) Ethyl Benzene	11.74	91	786032	48.462	ug/l	99
68) m/p-Xylenes	11.85	106	599691	97.263	ug/l	100
69) o-Xylene	12.18	106	286365	50.115	ug/l	99
70) Styrene	12.19	104	482663	50.747	ug/l	100
71) Bromoform	12.35	173	84928	50.962	ug/l #	100
73) Isopropylbenzene	12.47	105	791625	50.488	ug/l	100
74) N-amyl acetate	12.28	43	204022	57.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	145088	54.696	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	192728	100.007	ug/l #	100
77) Bromobenzene	12.76	156	182753	50.048	ug/l	96
78) n-propylbenzene	12.81	91	957641	49.879	ug/l	100
79) 2-Chlorotoluene	12.90	91	542755	50.024	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	666165	50.617	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	45179	53.945	ug/l	98
82) 4-Chlorotoluene	12.99	91	568665	49.407	ug/l	99
83) tert-Butylbenzene	13.21	119	562967	50.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	677598	50.051	ug/l	99
85) sec-Butylbenzene	13.39	105	822269	49.322	ug/l	100
86) p-Isopropyltoluene	13.51	119	722680	49.148	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	365992	48.790	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	361721	48.504	ug/l	99
89) n-Butylbenzene	13.83	91	692500	48.315	ug/l	100
90) Hexachloroethane	14.10	117	130299	48.986	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	326290	49.656	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23989	53.739	ug/l	96

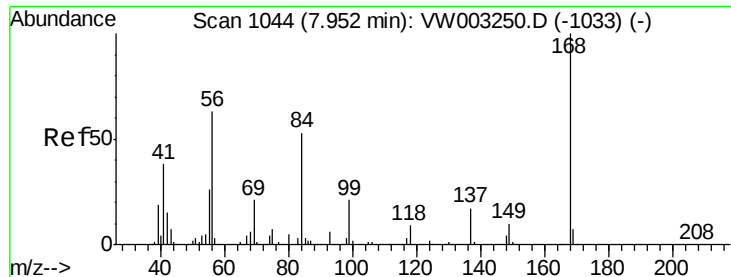
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	225985	48.990	ug/l	99
94) Hexachlorobutadiene	15.25	225	126744	45.677	ug/l	98
95) Naphthalene	15.38	128	435958	55.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	198310	48.841	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

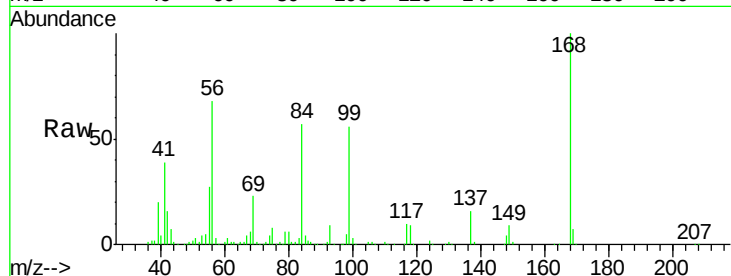
ClientSampleId :

Tot Ion:168 Resp: 293788

Ion Ratio Lower Upper

168 100

99 56.0 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

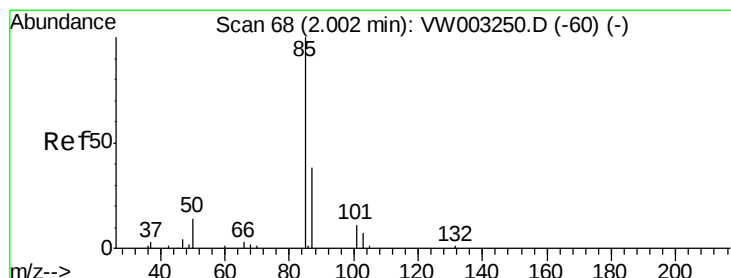
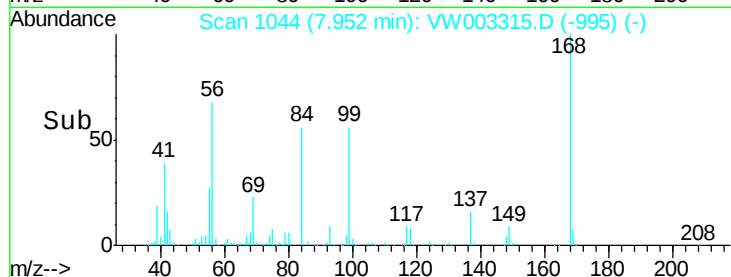
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 35.314 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003315.D

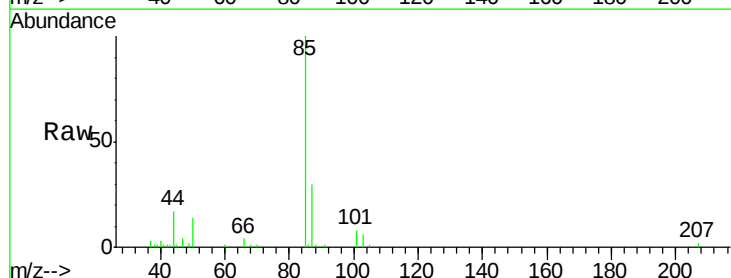
Acq: 16 Jun 2018 01:20

Tgt Ion: 85 Resp: 31366

Ion Ratio Lower Upper

85 100

87 30.5 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

10000

8000

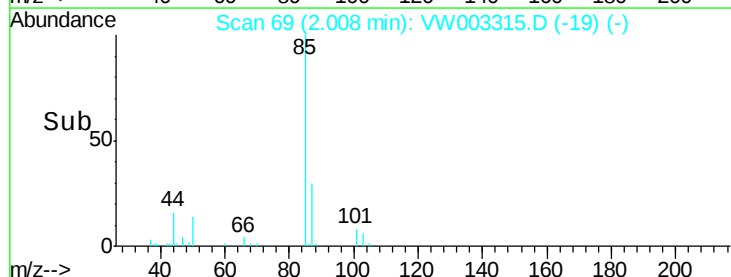
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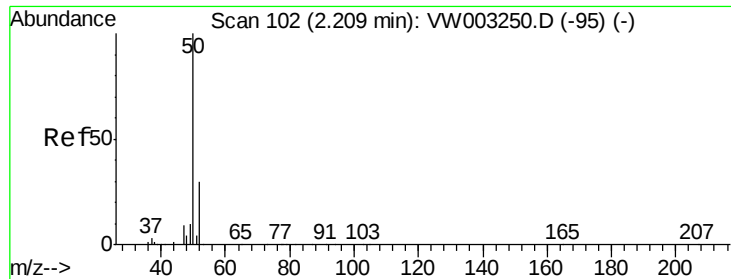
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 45.988 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

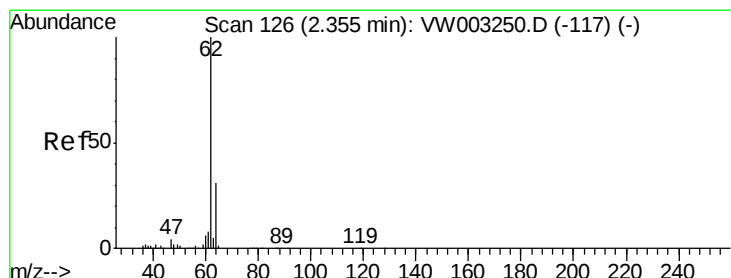
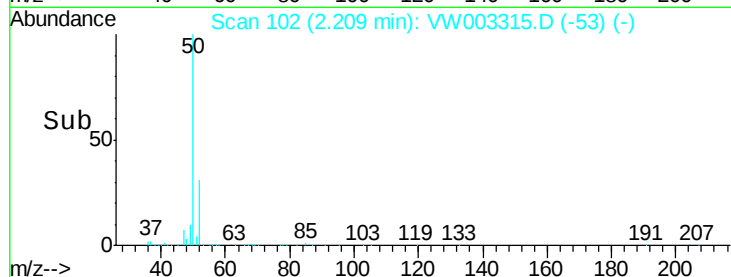
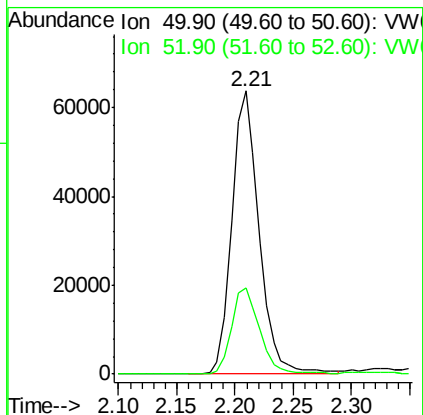
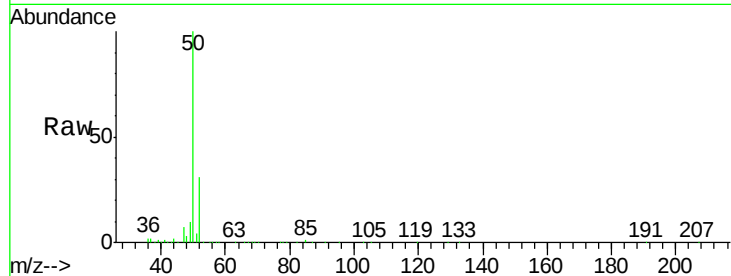
ClientSampleId :

Tot Ion: 50 Resp: 103202

Ion Ratio Lower Upper

50 100

52 30.6 24.2 36.2



#4

Vinyl Chloride

Concen: 45.832 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003315.D

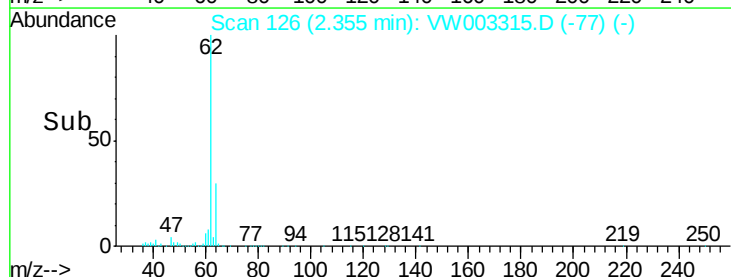
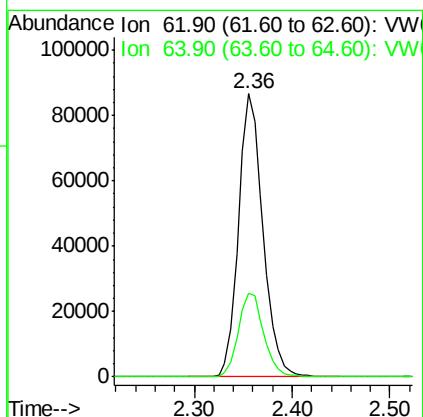
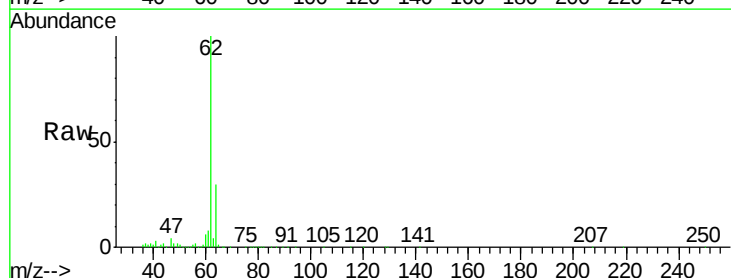
Acq: 16 Jun 2018 01:20

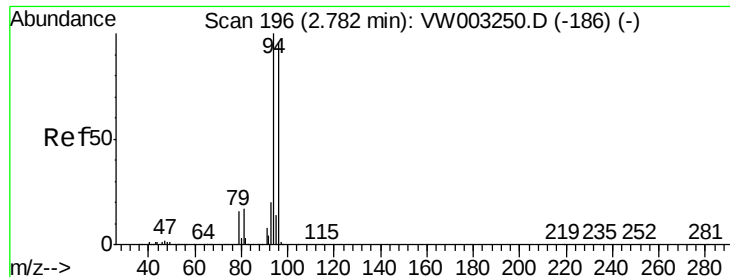
Tgt Ion: 62 Resp: 149938

Ion Ratio Lower Upper

62 100

64 29.8 24.9 37.3





#5

Bromomethane

Concen: 43.267 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

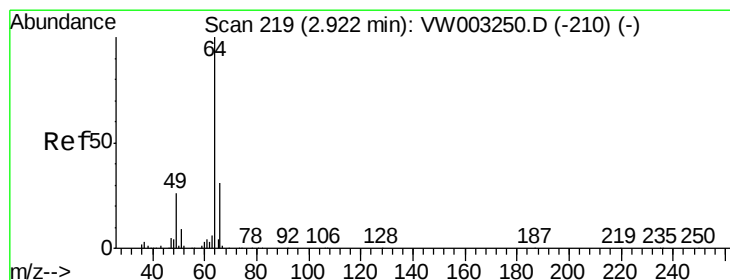
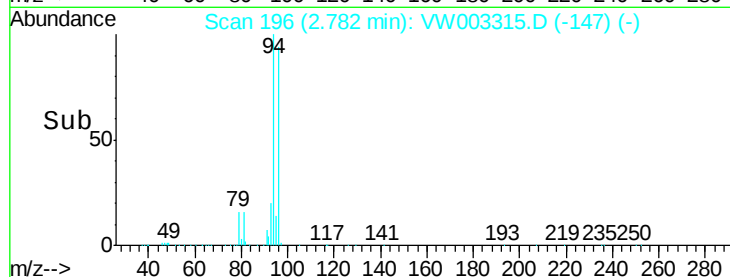
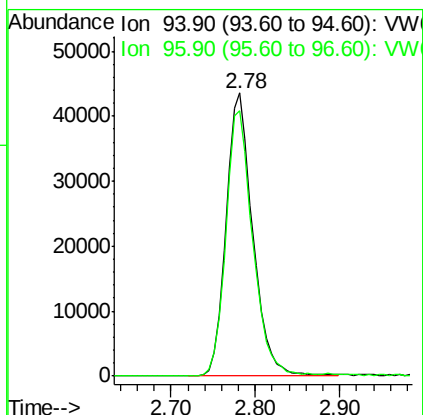
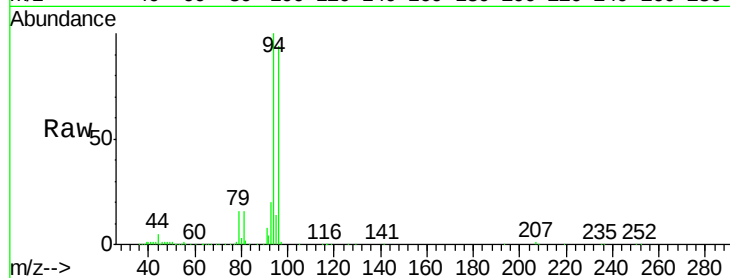
ClientSampleId :

Tot Ion: 94 Resp: 94079

Ion Ratio Lower Upper

94 100

96 93.5 76.5 114.7



#6

Chloroethane

Concen: 40.945 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003315.D

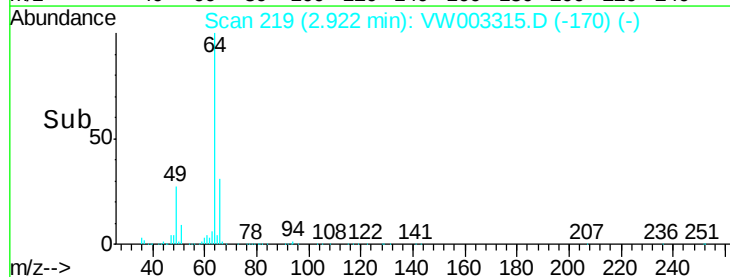
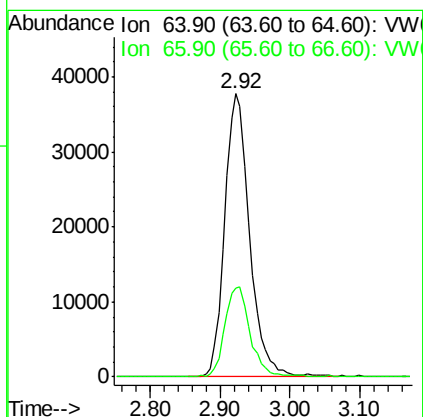
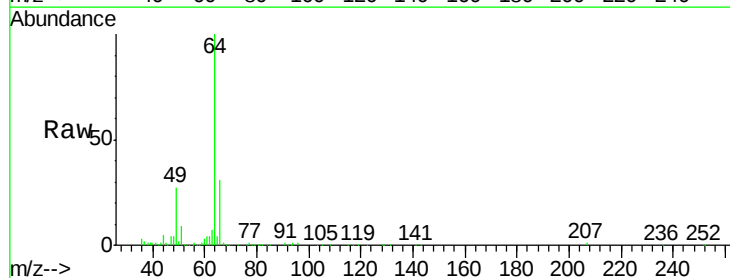
Acq: 16 Jun 2018 01:20

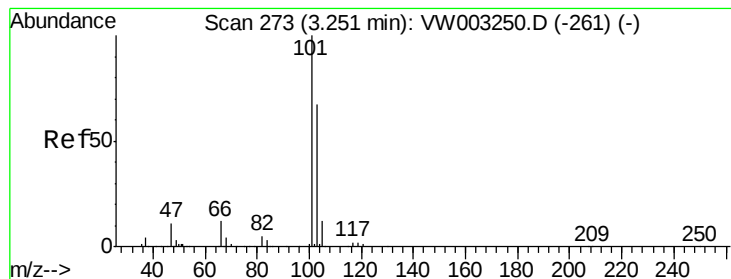
Tgt Ion: 64 Resp: 93240

Ion Ratio Lower Upper

64 100

66 31.3 24.4 36.6



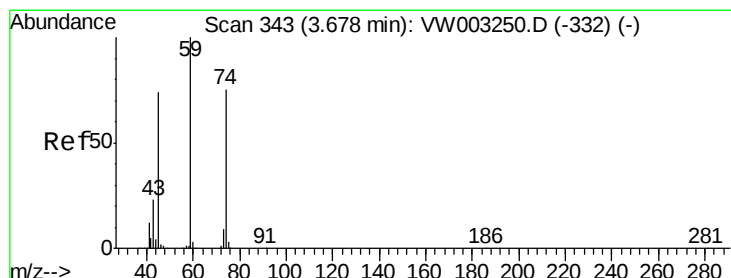
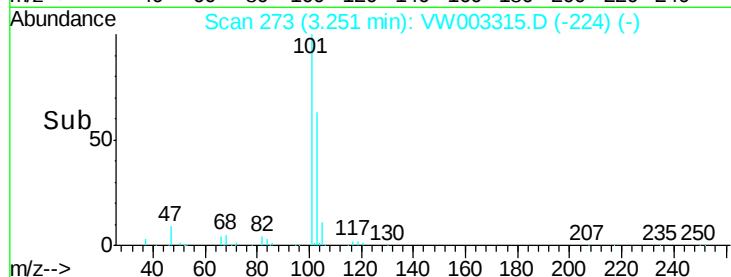
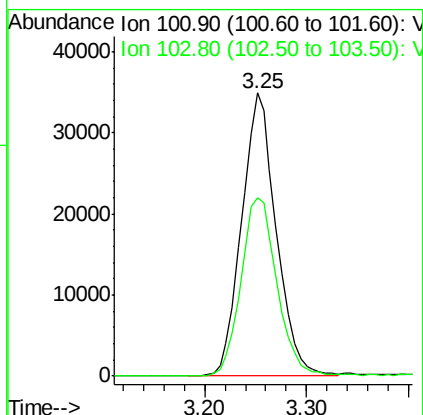
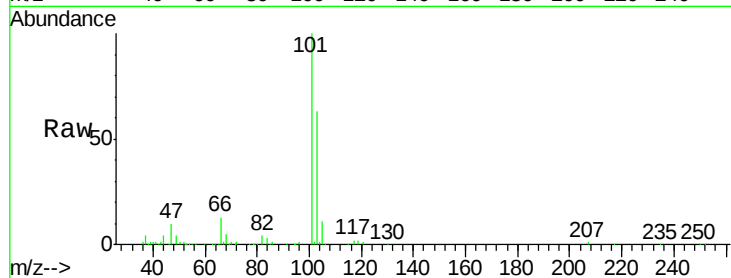


#7

Trichlorofluoromethane
Concen: 41.882 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Instrument :
MSVOA_W
ClientSampleId :

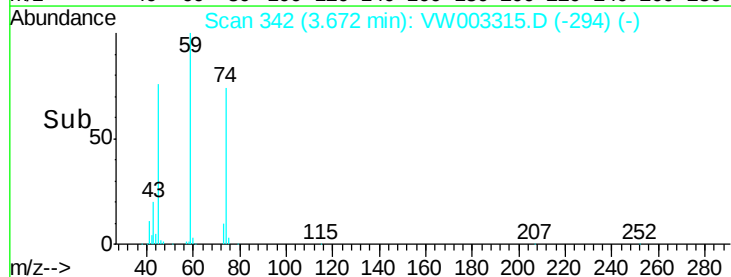
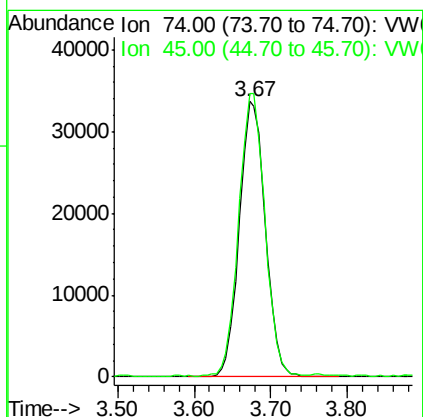
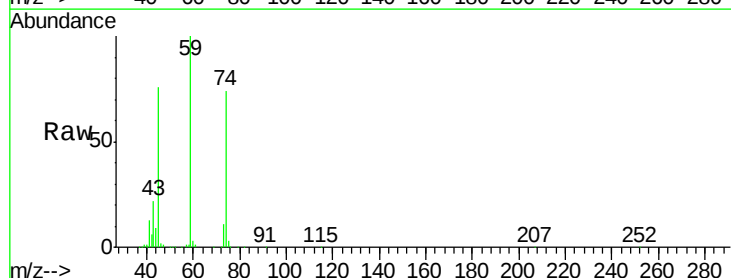
Tot Ion:101 Resp: 82083
Ion Ratio Lower Upper
101 100
103 63.0 53.4 80.0

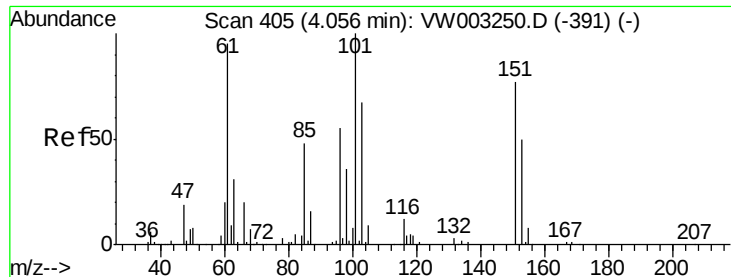


#8

Diethyl Ether
Concen: 55.117 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 74 Resp: 79354
Ion Ratio Lower Upper
74 100
45 103.4 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.798 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

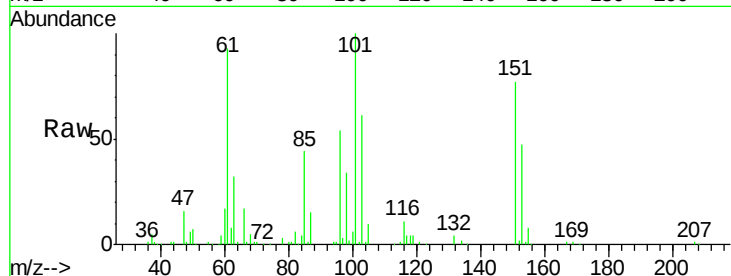
Tot Ion:101 Resp: 130082

Ion Ratio Lower Upper

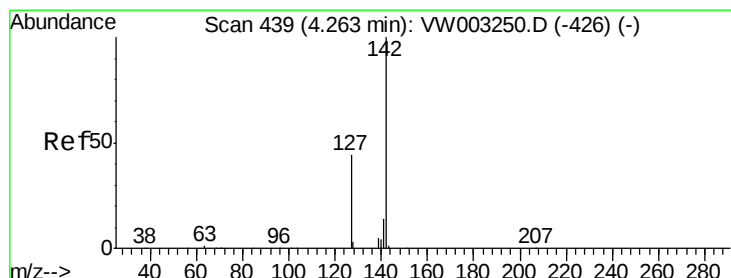
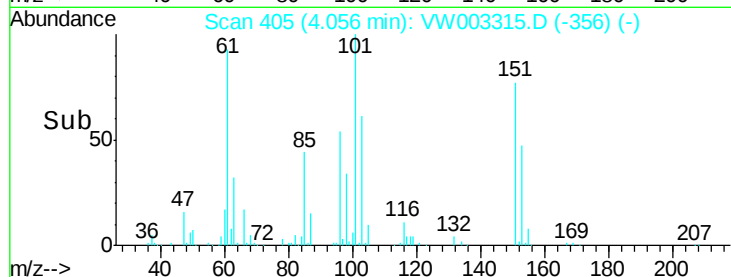
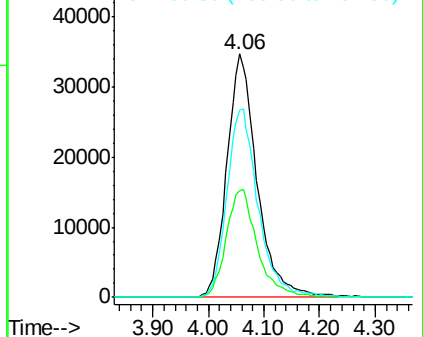
101 100

85 45.8 37.0 55.6

151 80.1 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: 51.785 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

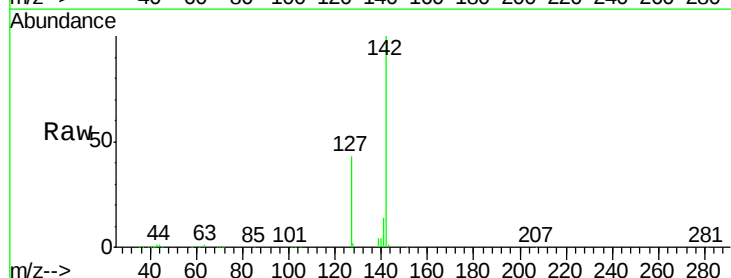
Tgt Ion:142 Resp: 213136

Ion Ratio Lower Upper

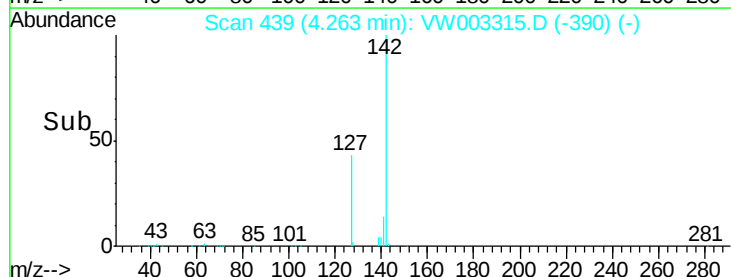
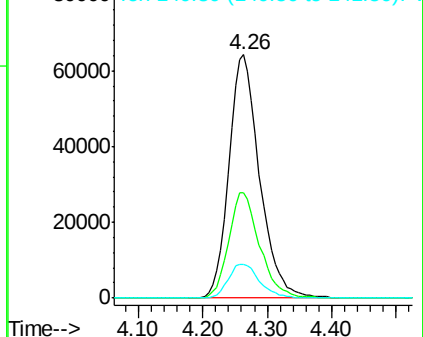
142 100

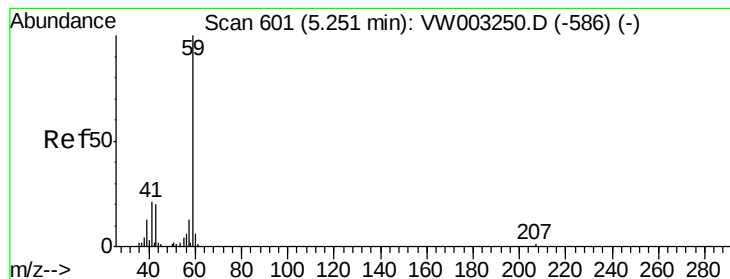
127 43.8 36.5 54.7

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



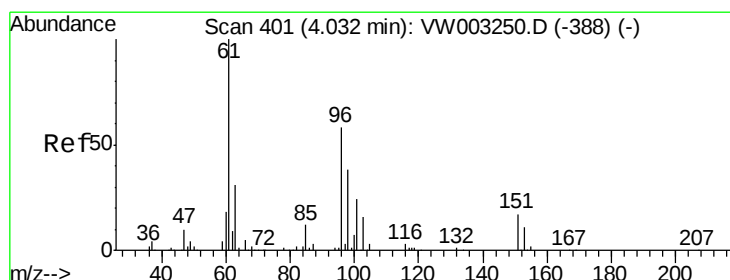
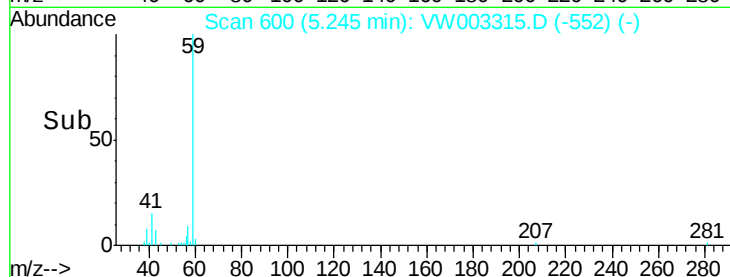
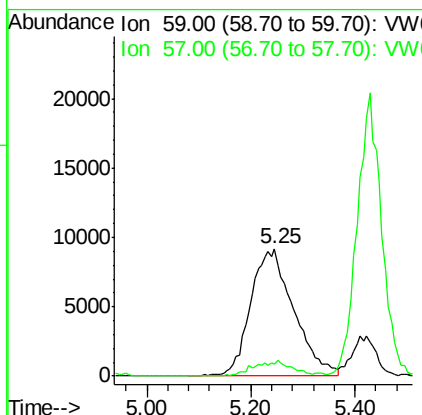
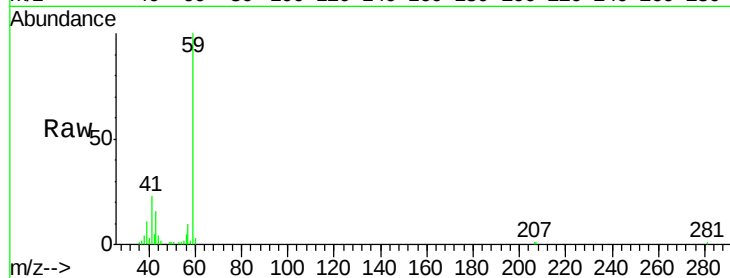


#11

Tert butyl alcohol
Concen: 308.122 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Instrument :
MSVOA_W
ClientSampled :

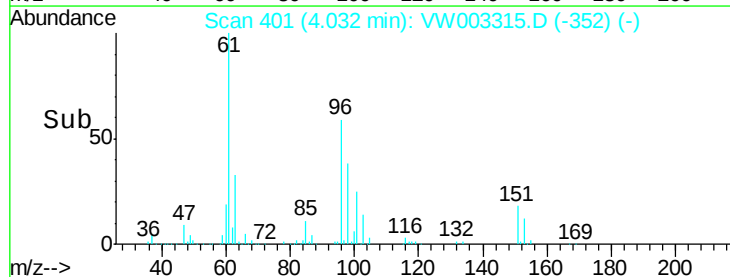
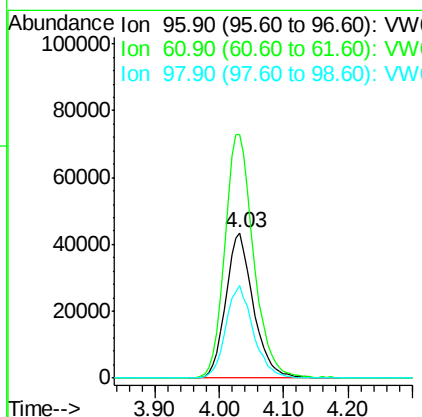
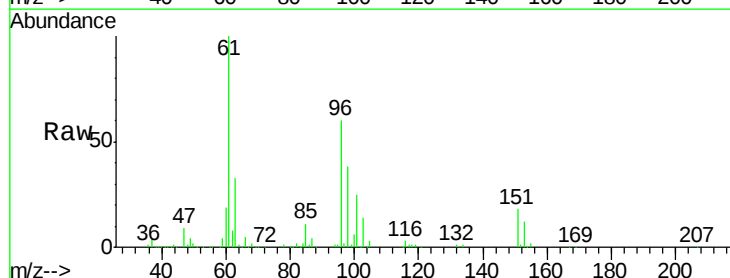
Tot Ion: 59 Resp: 52585
Ion Ratio Lower Upper
59 100
57 4.8 4.2 6.2

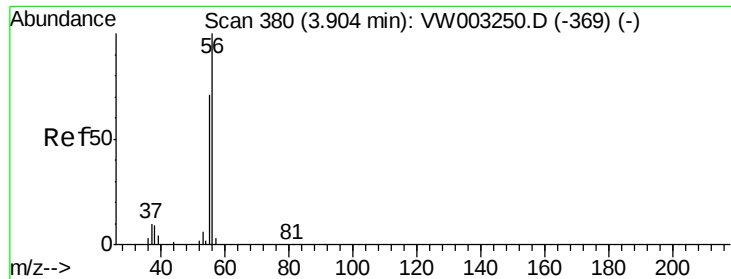


#12

1,1-Dichloroethene
Concen: 49.363 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 96 Resp: 131281
Ion Ratio Lower Upper
96 100
61 167.9 139.0 208.4
98 63.4 53.3 79.9





#13

Acrolein

Concen: 234.346 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

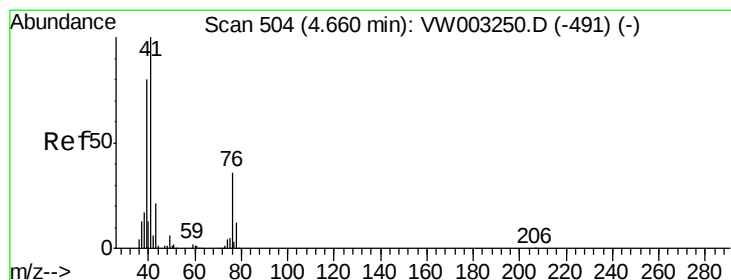
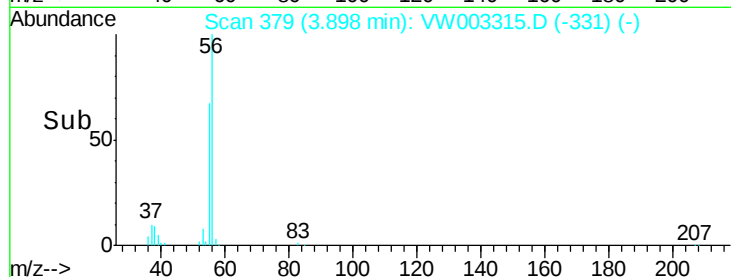
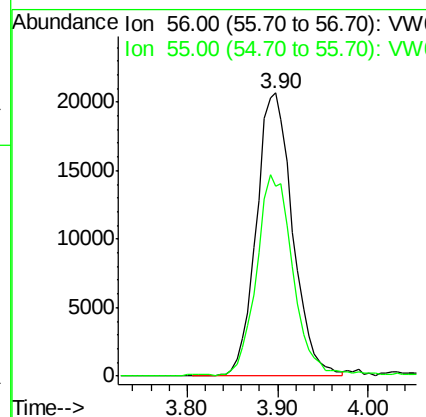
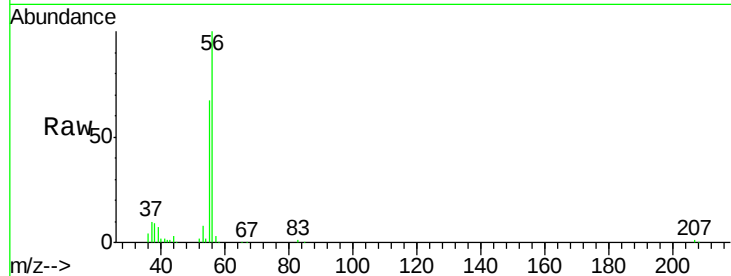
ClientSampleId :

Tot Ion: 56 Resp: 57181

Ion Ratio Lower Upper

56 100

55 70.4 55.4 83.2



#14

Allyl chloride

Concen: 53.158 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

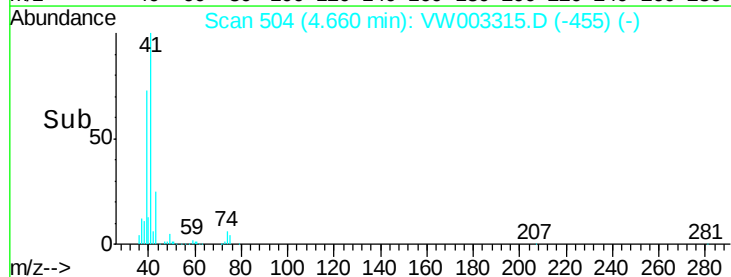
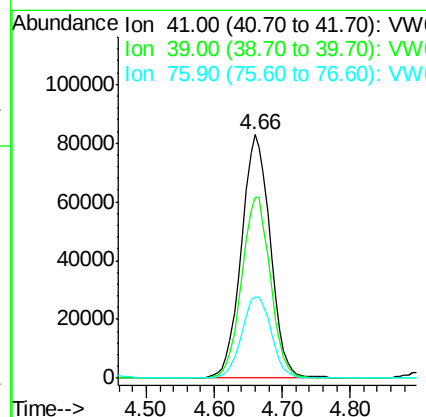
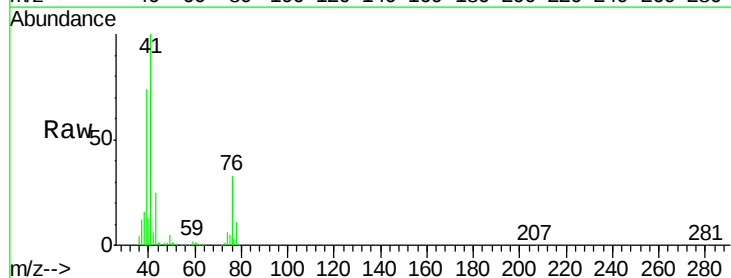
Tgt Ion: 41 Resp: 244885

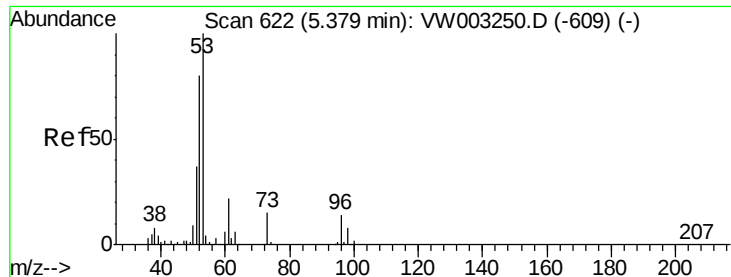
Ion Ratio Lower Upper

41 100

39 73.2 63.2 94.8

76 34.0 28.0 42.0





#15

Acrylonitrile

Concen: 292.709 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

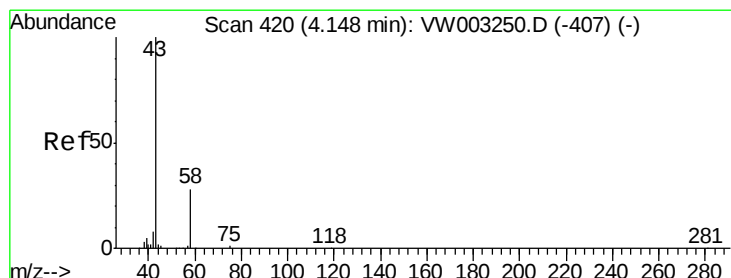
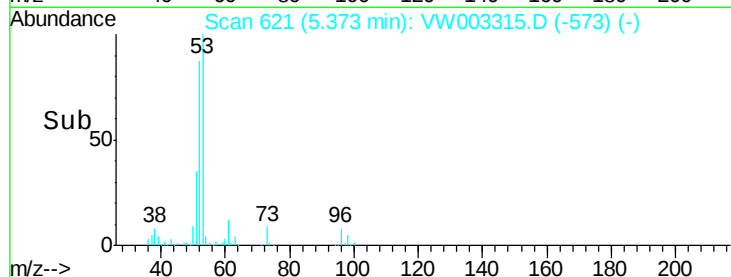
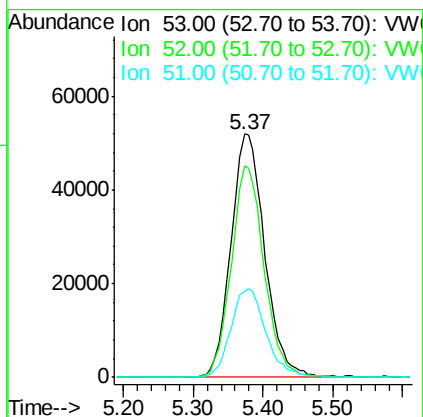
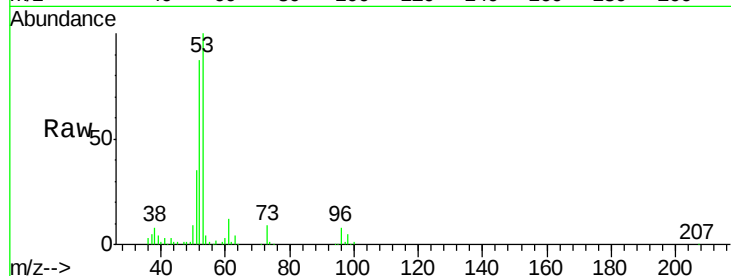
Tot Ion: 53 Resp: 173386

Ion Ratio Lower Upper

53 100

52 84.5 66.6 100.0

51 37.7 30.6 46.0



#16

Acetone

Concen: 222.714 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003315.D

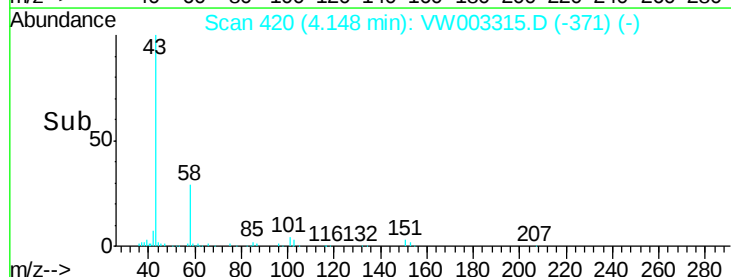
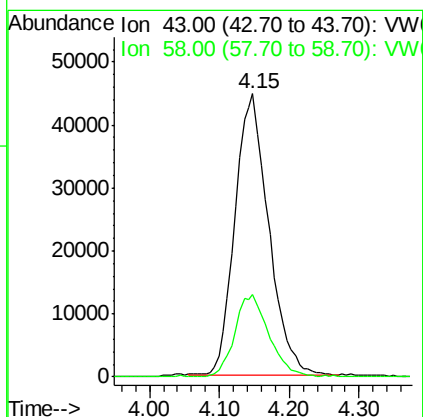
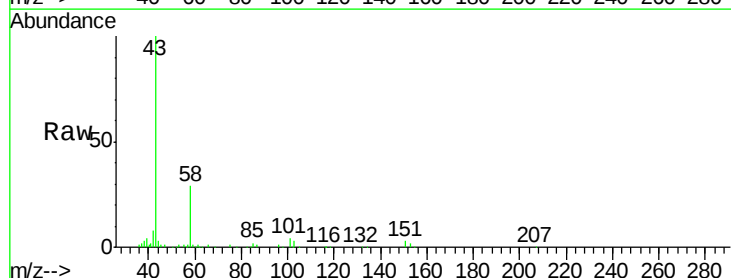
Acq: 16 Jun 2018 01:20

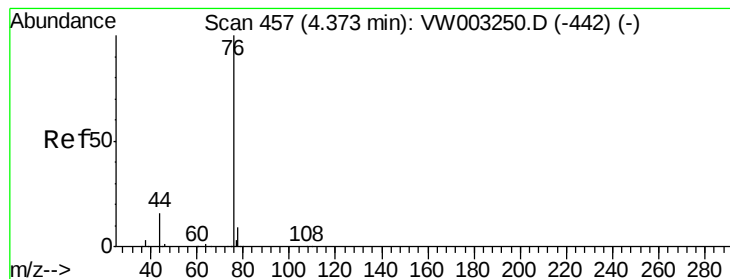
Tgt Ion: 43 Resp: 148639

Ion Ratio Lower Upper

43 100

58 29.2 22.6 34.0





#17

Carbon Disulfide

Concen: 48.834 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

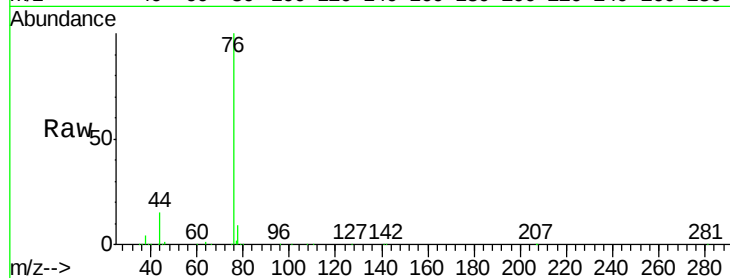
ClientSampled :

Tot Ion: 76 Resp: 383956

Ion Ratio Lower Upper

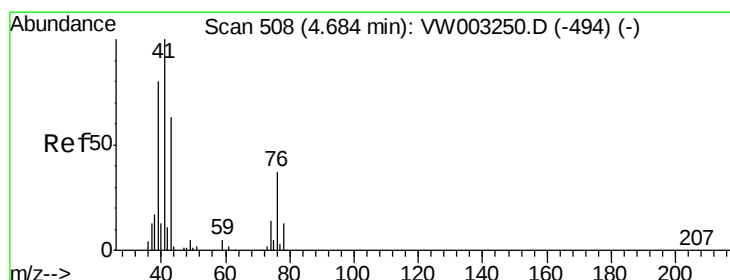
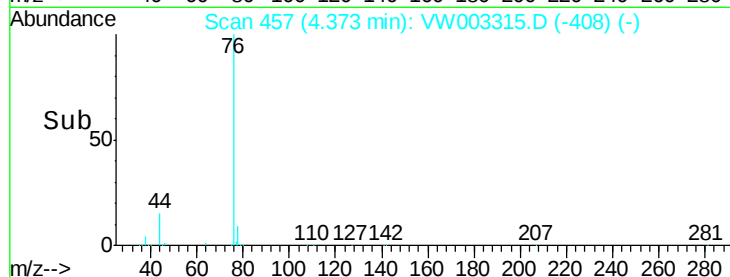
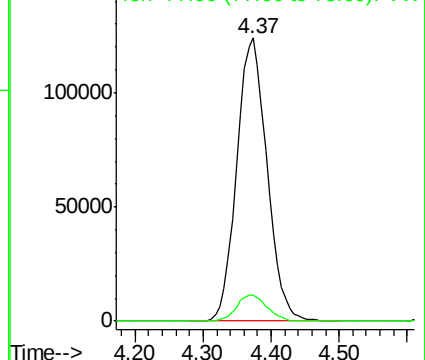
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 58.441 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003315.D

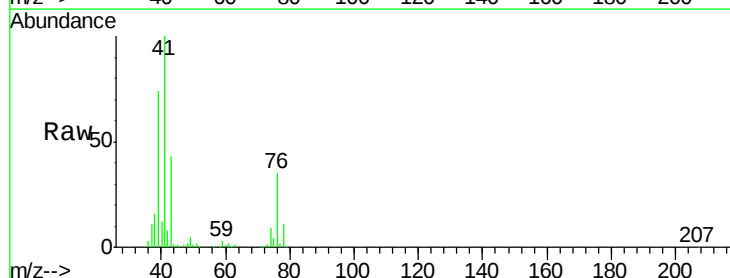
Acq: 16 Jun 2018 01:20

Tgt Ion: 43 Resp: 92528

Ion Ratio Lower Upper

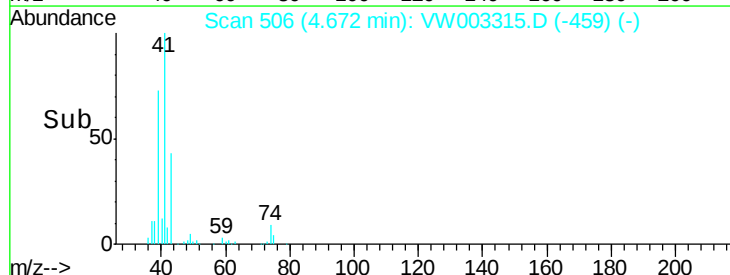
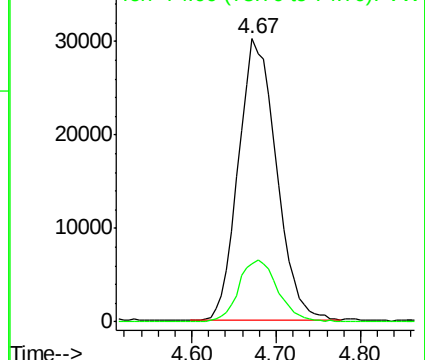
43 100

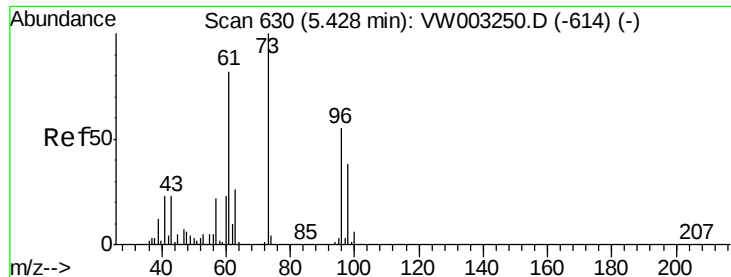
74 22.4 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

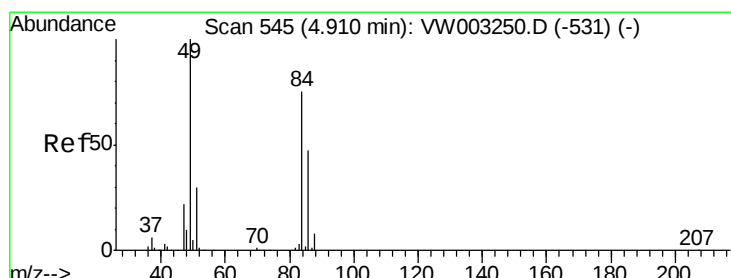
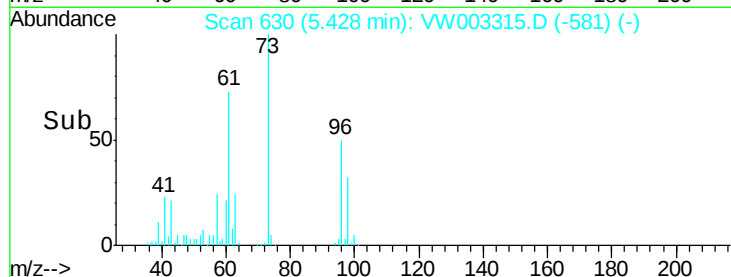
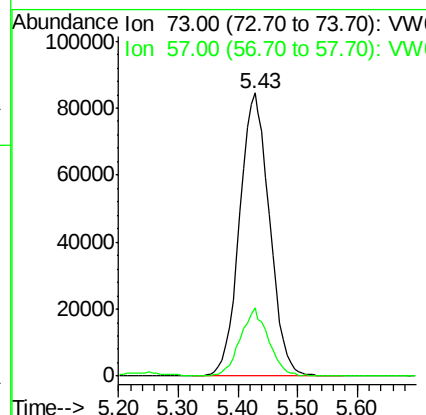
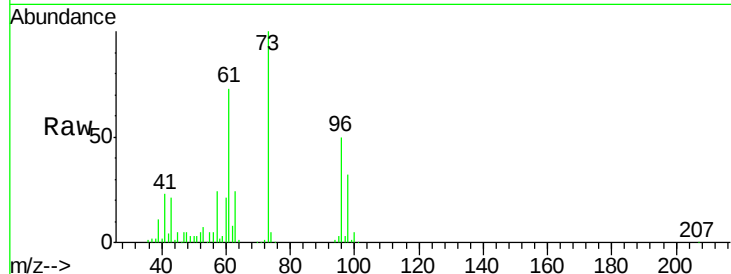




#19
Methyl tert-butyl Ether
Concen: 59.112 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

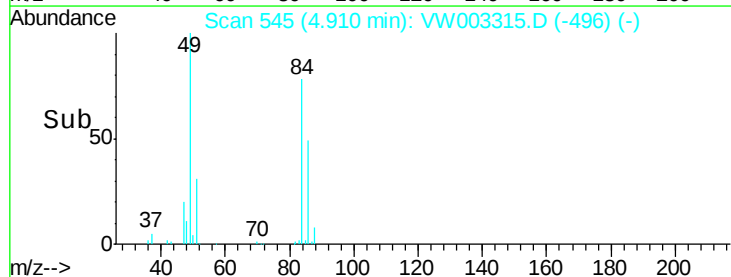
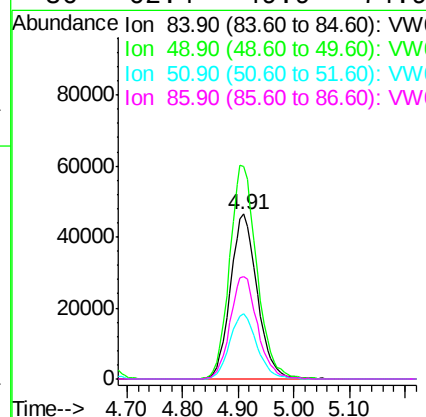
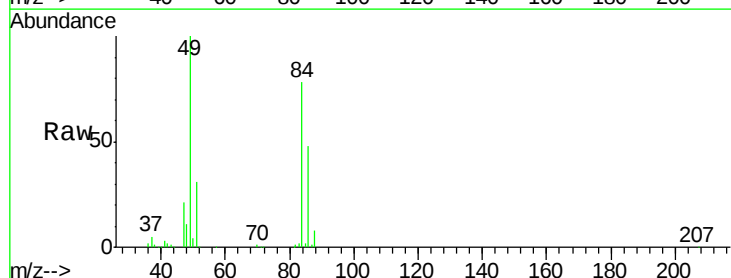
Instrument :
MSVOA_W
ClientSampled :

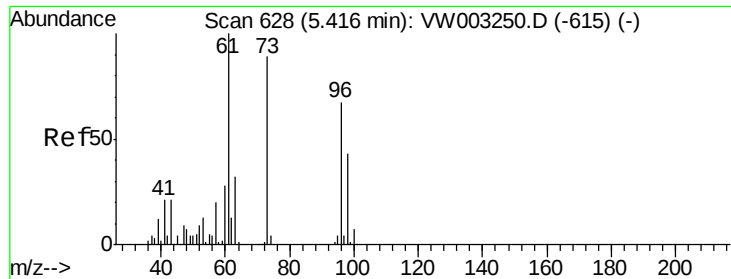
Tot Ion: 73 Resp: 294446
Ion Ratio Lower Upper
73 100
57 24.1 18.0 27.0



#20
Methylene Chloride
Concen: 55.106 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 84 Resp: 155167
Ion Ratio Lower Upper
84 100
49 128.7 106.3 159.5
51 39.9 32.0 48.0
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.766 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampled :

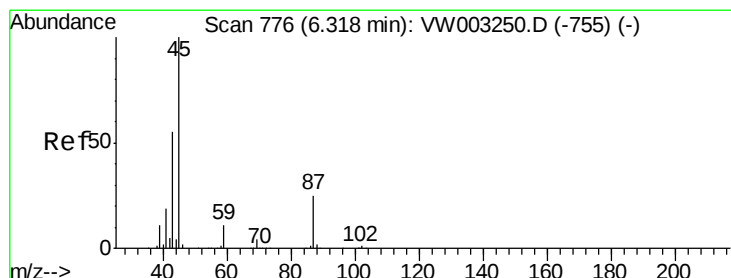
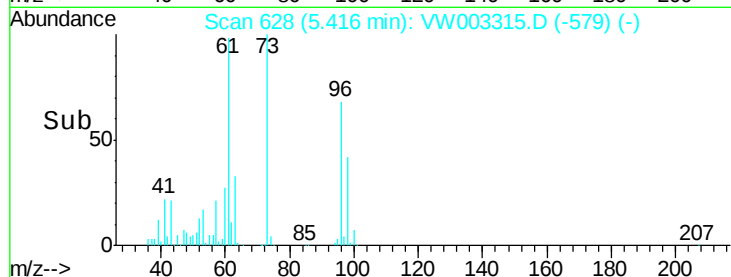
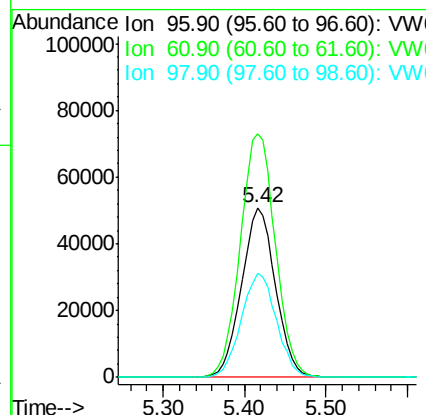
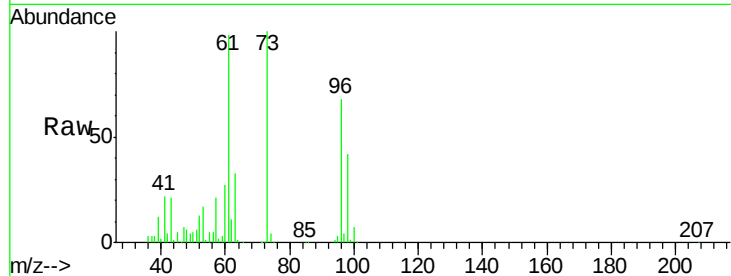
Tot Ion: 96 Resp: 146937

Ion Ratio Lower Upper

96 100

61 143.7 118.7 178.1

98 61.5 51.0 76.6



#22

Diisopropyl ether

Concen: 55.212 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Tgt Ion: 45 Resp: 511893

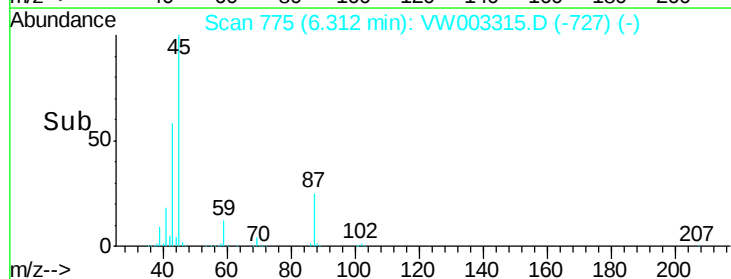
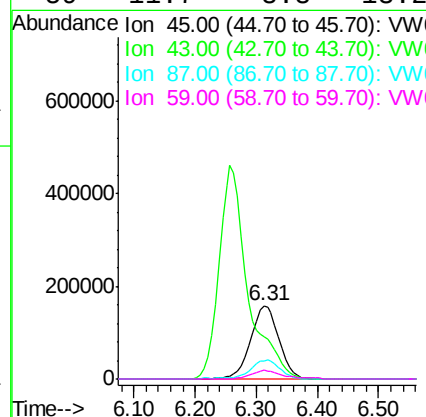
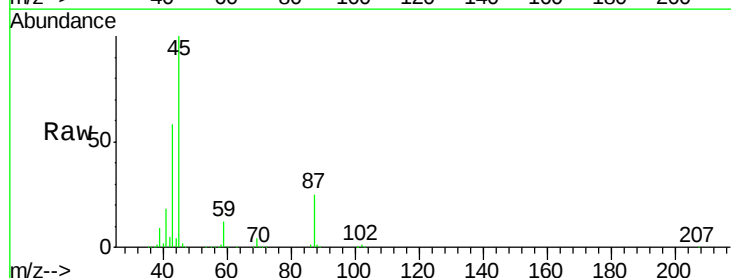
Ion Ratio Lower Upper

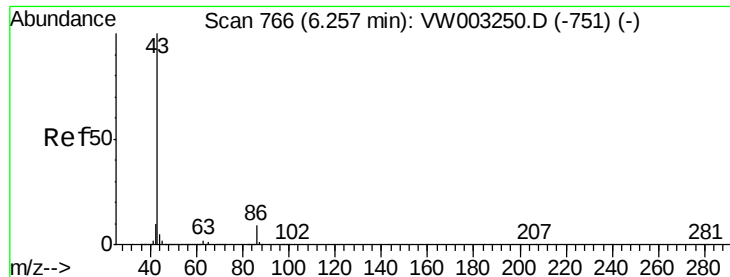
45 100

43 57.7 44.0 66.0

87 24.9 20.6 31.0

59 11.7 8.8 13.2





#23

Vinyl Acetate

Concen: 283.798 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

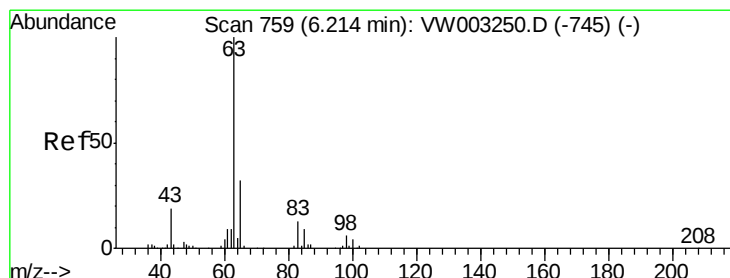
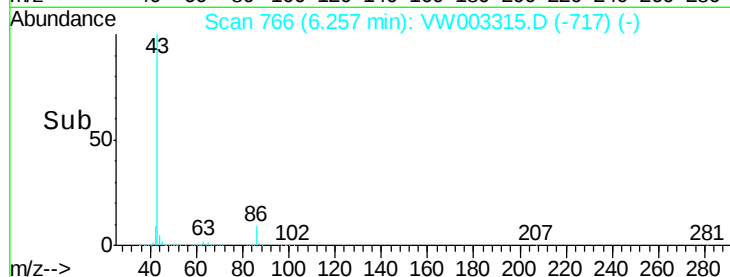
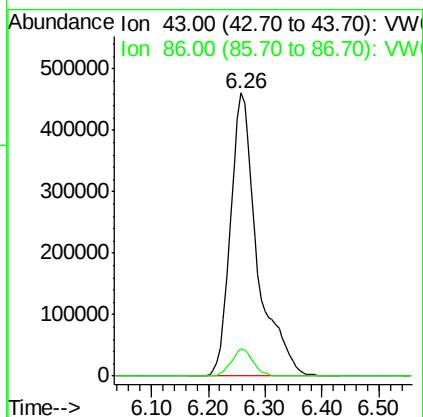
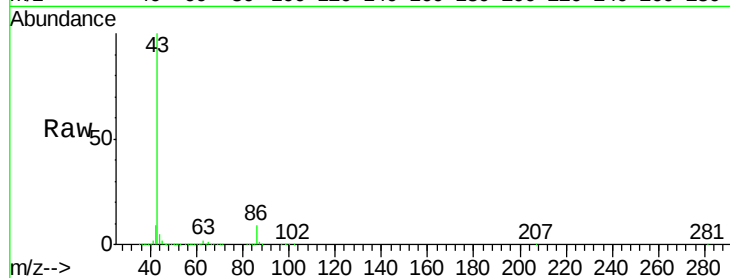
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1516279

Ion Ratio Lower Upper

43 100

86 9.5 7.5 11.3



#24

1,1-Dichloroethane

Concen: 52.067 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

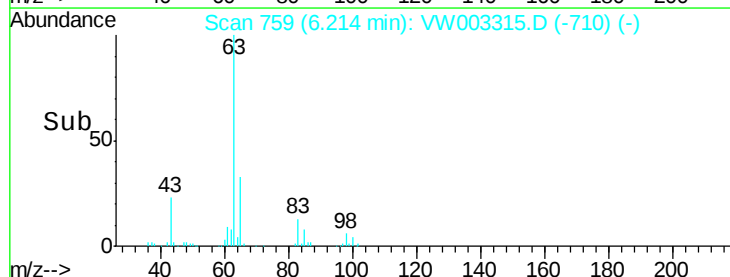
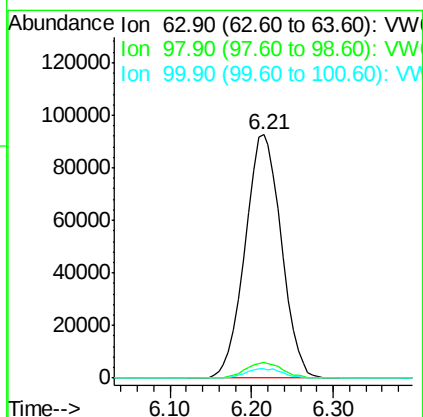
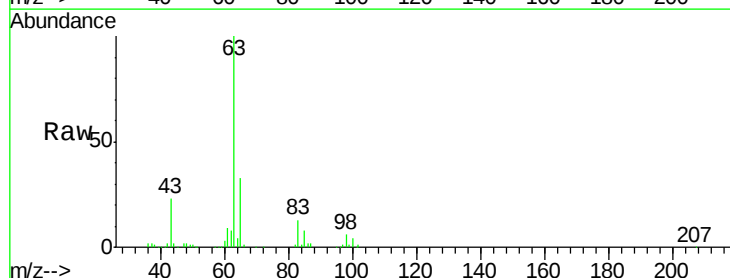
Tgt Ion: 63 Resp: 286581

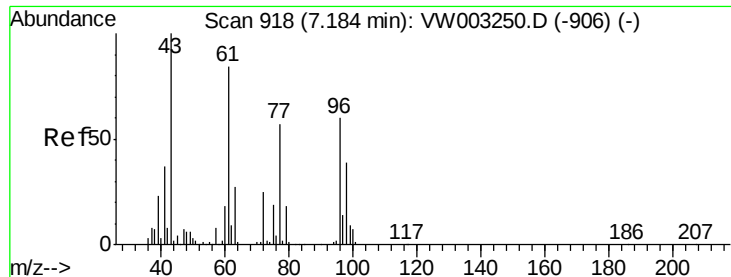
Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 278.429 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

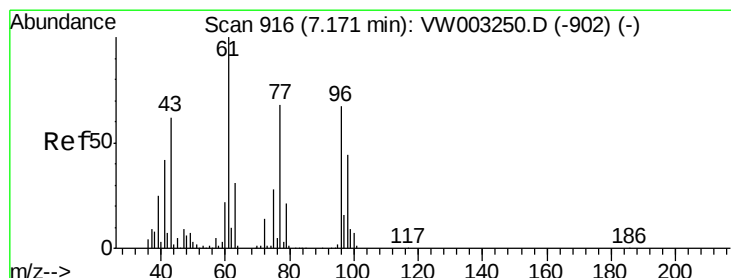
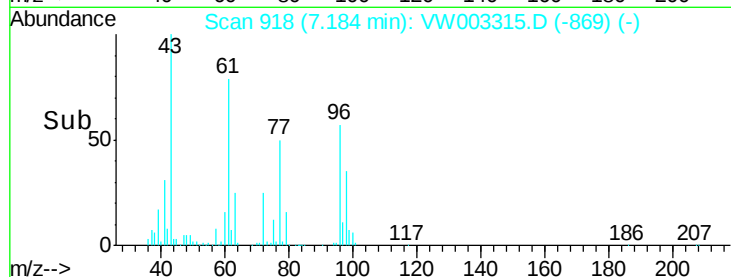
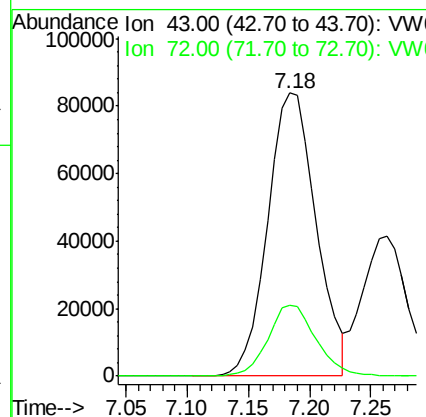
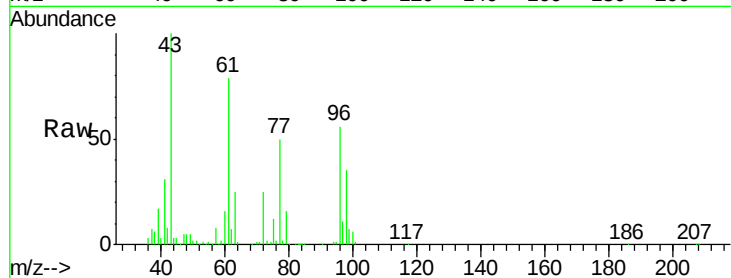
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 231066

Ion Ratio Lower Upper

43 100

72 25.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 44.958 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003315.D

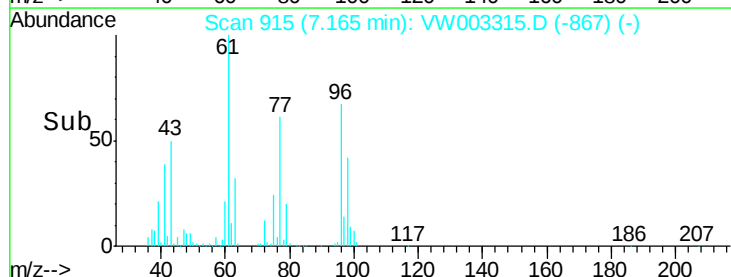
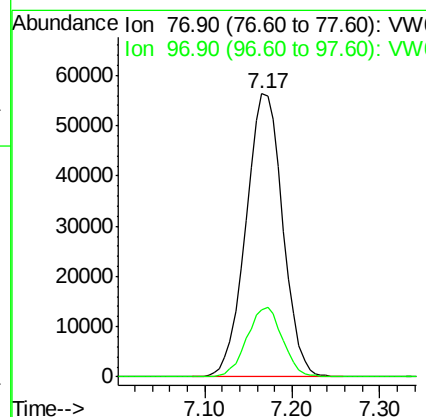
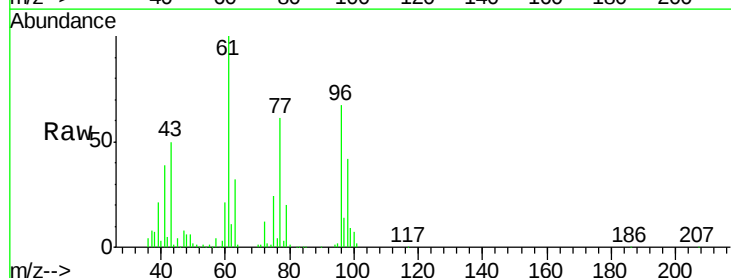
Acq: 16 Jun 2018 01:20

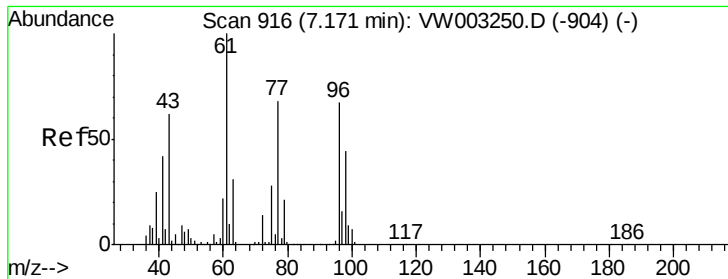
Tgt Ion: 77 Resp: 165144

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.9



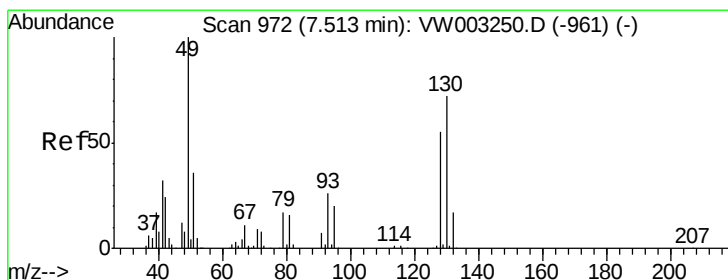
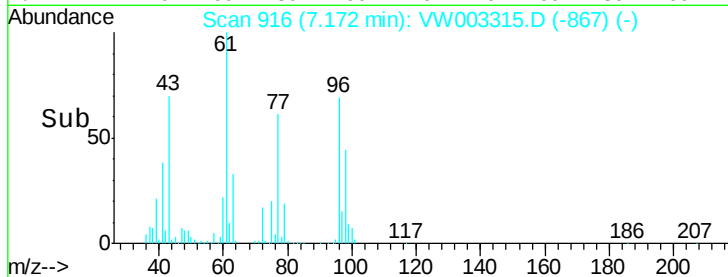
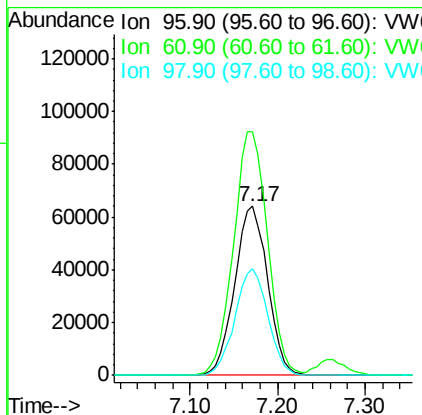
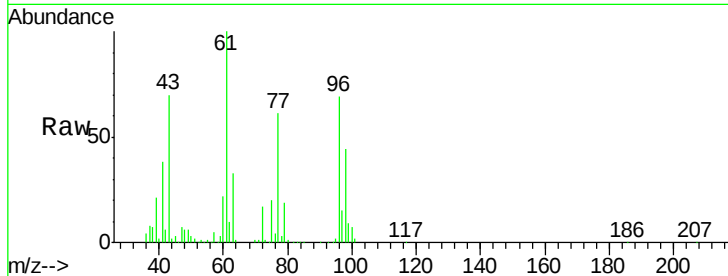


#27

cis-1,2-Dichloroethene
 Concen: 52.850 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Instrument :
 MSVOA_W
 ClientSampled :

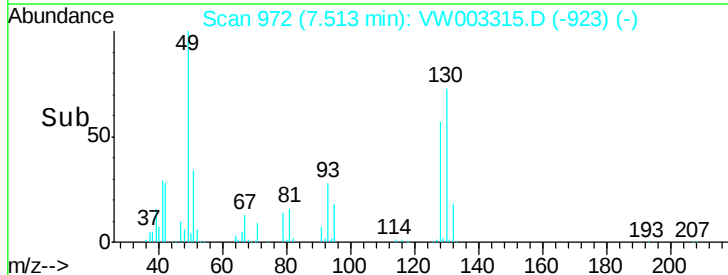
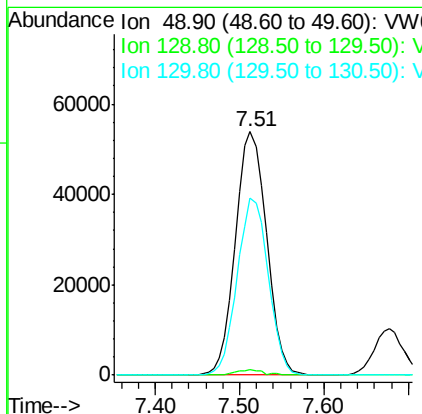
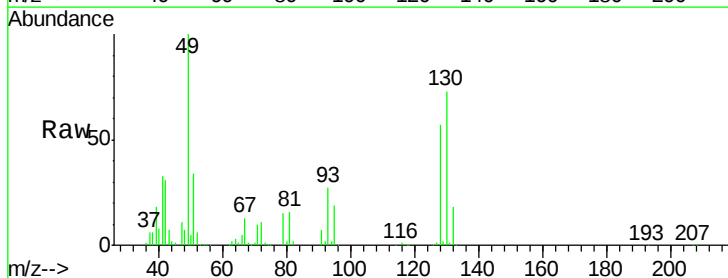
Tot Ion: 96 Resp: 168040
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 298.8
 98 63.2 0.0 130.4

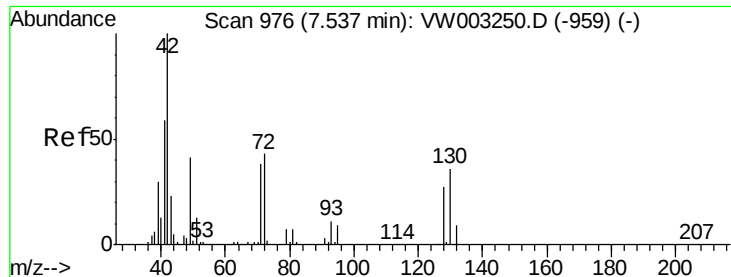


#28

Bromochloromethane
 Concen: 59.111 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Tgt Ion: 49 Resp: 135389
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 72.0 59.4 89.2

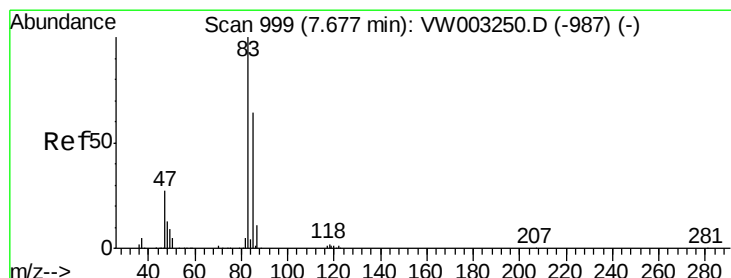
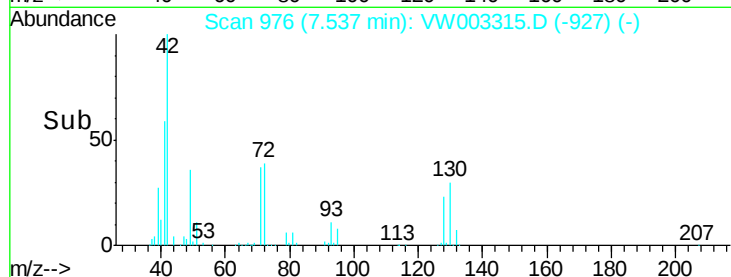
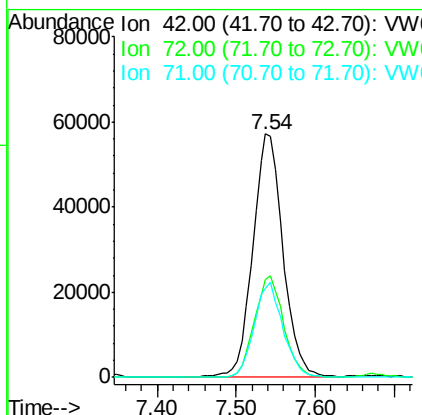
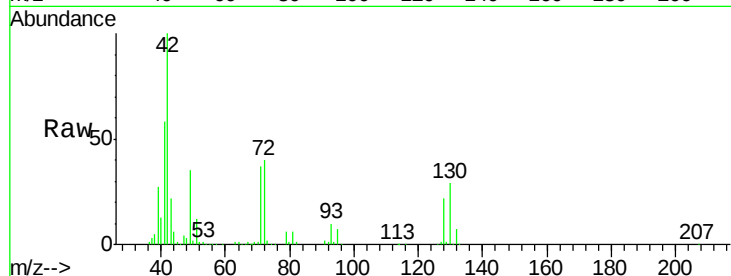




#29
Tetrahydrofuran
Concen: 299.891 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

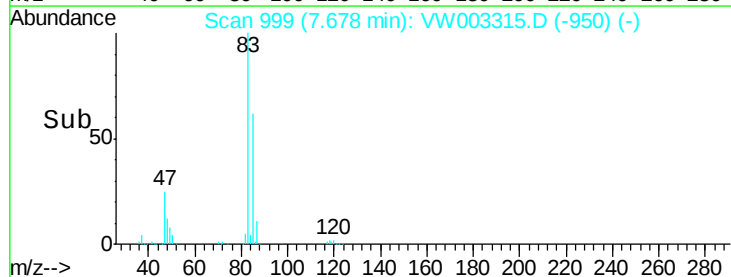
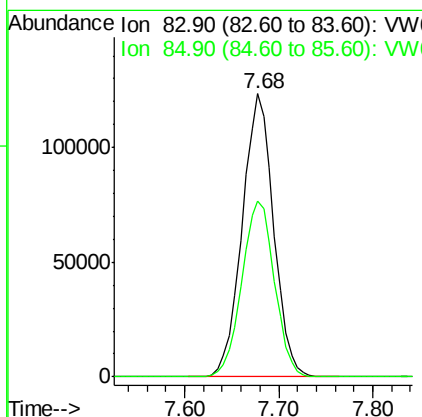
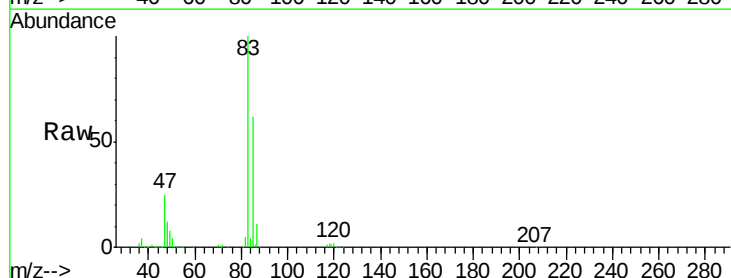
Instrument :
MSVOA_W
ClientSampled :

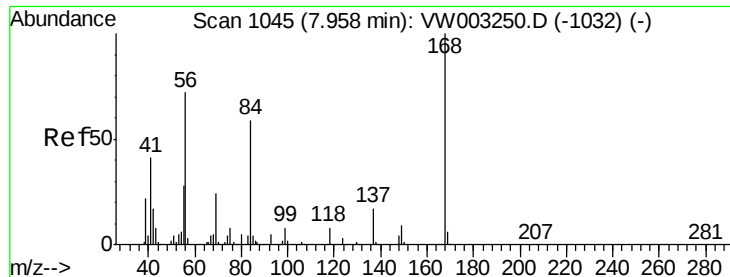
Tot Ion: 42 Resp: 152105
Ion Ratio Lower Upper
42 100
72 40.4 32.4 48.6
71 37.4 31.2 46.8



#30
Chloroform
Concen: 51.289 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 83 Resp: 287598
Ion Ratio Lower Upper
83 100
85 62.3 51.3 76.9

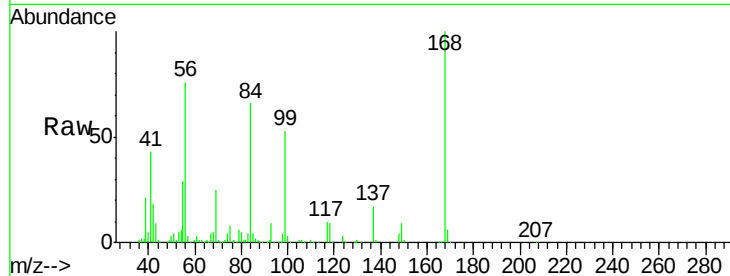




#31
Cyclohexane
Concen: 46.639 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	56	Resp	239821
Ion Ratio	Lower	Upper	
56	100		
69	32.2	26.3	39.5
84	85.2	65.7	98.5

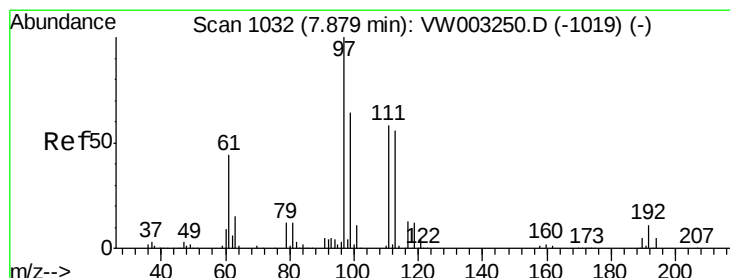
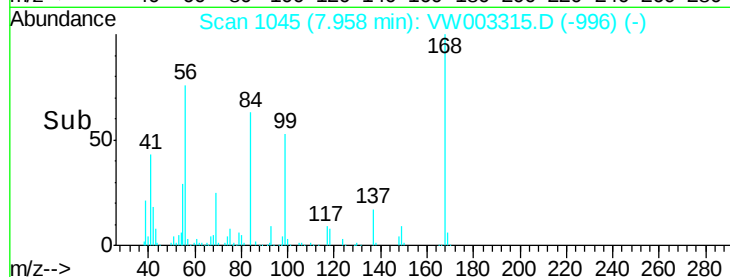
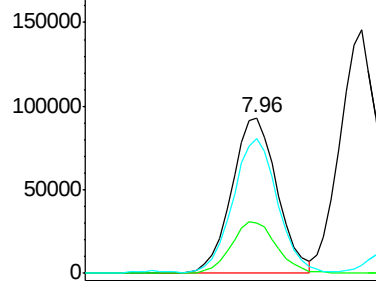


Abundance

Ion 56.00 (55.70 to 56.70): VW

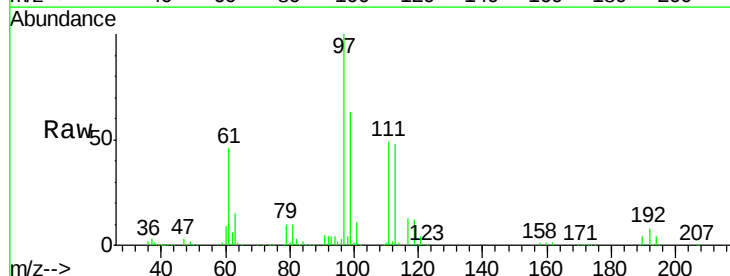
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 49.293 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion	97	Resp	228151
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.7	77.5
61	45.6	37.6	56.4

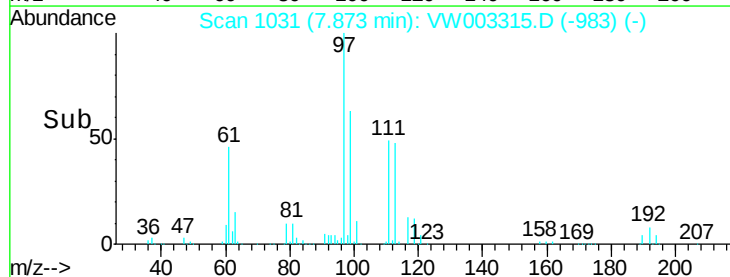
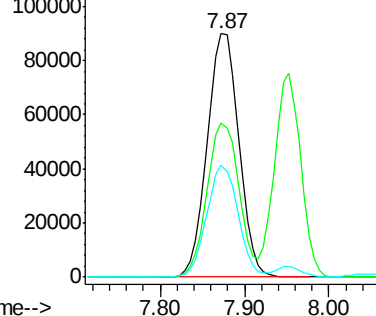


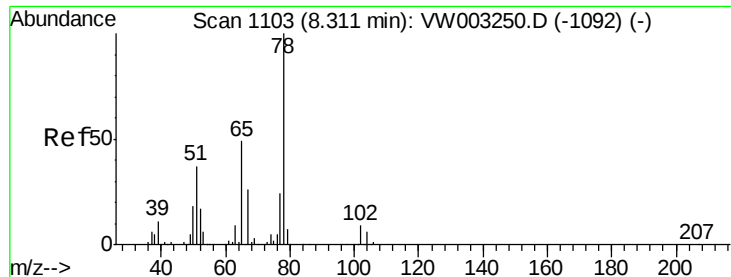
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 55.530 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

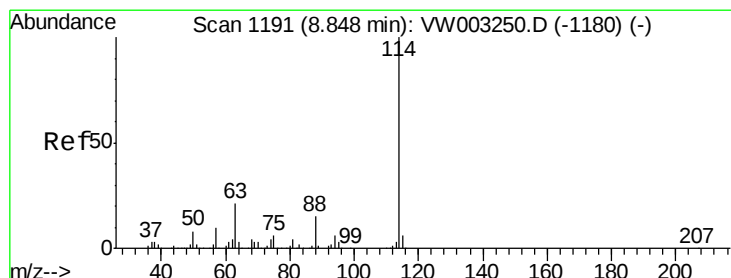
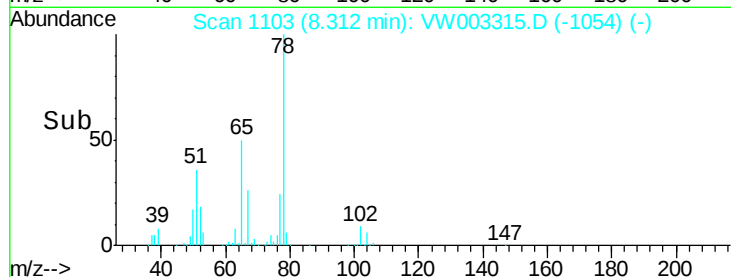
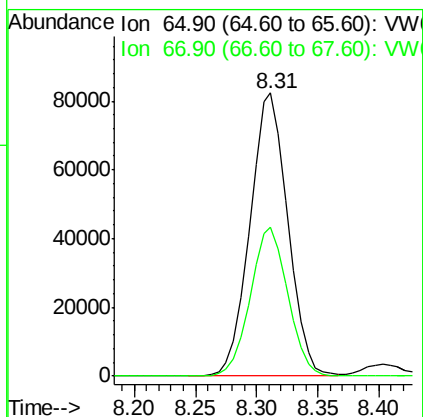
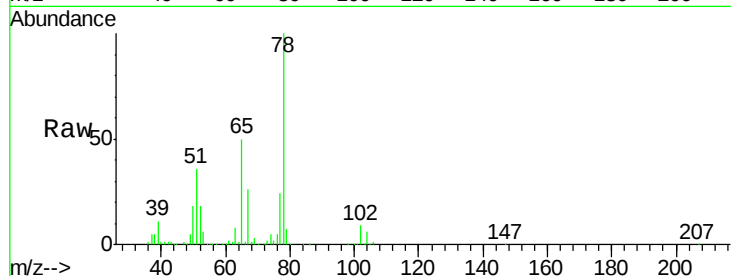
ClientSampled :

Tot Ion: 65 Resp: 176706

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

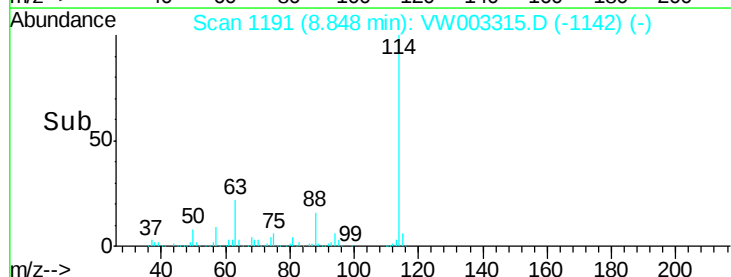
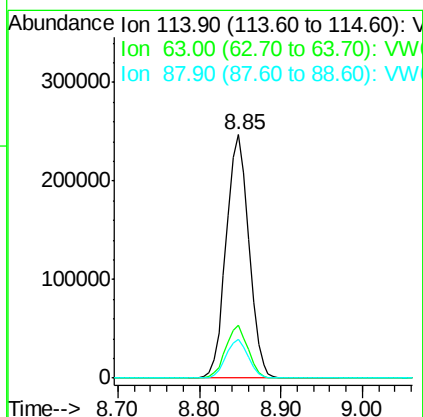
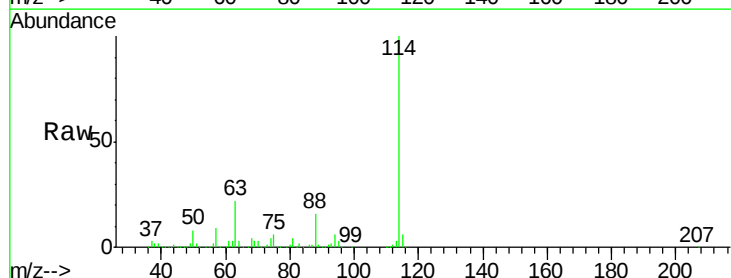
Tgt Ion: 114 Resp: 472635

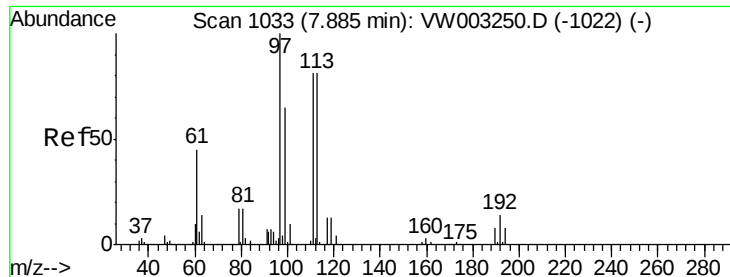
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.0

88 15.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.790 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

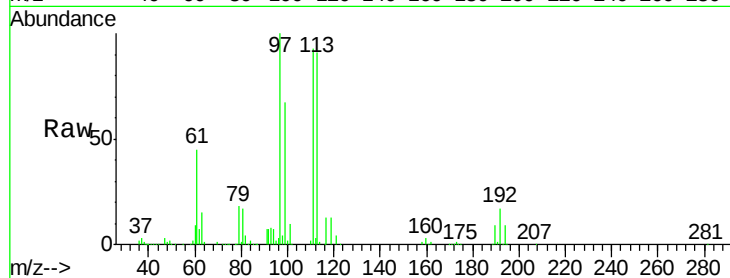
Tot Ion:113 Resp: 155035

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.2

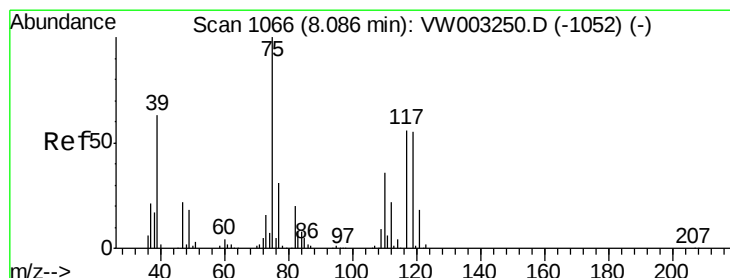
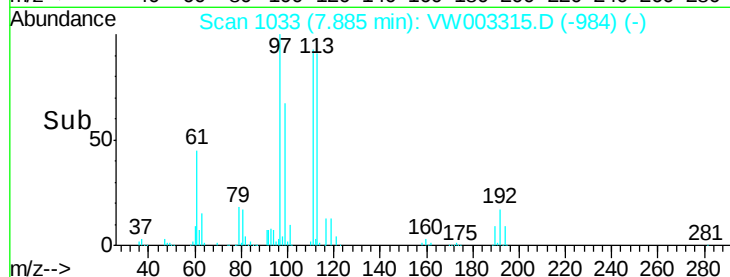
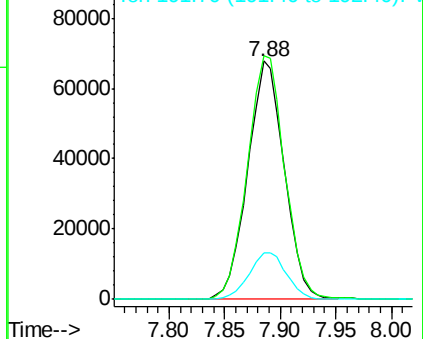
192 20.1 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.667 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

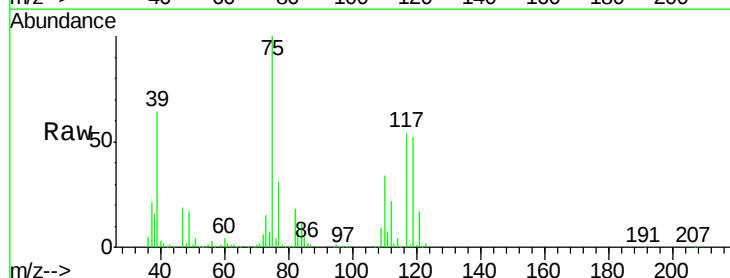
Tgt Ion: 75 Resp: 217571

Ion Ratio Lower Upper

75 100

110 33.8 17.1 51.3

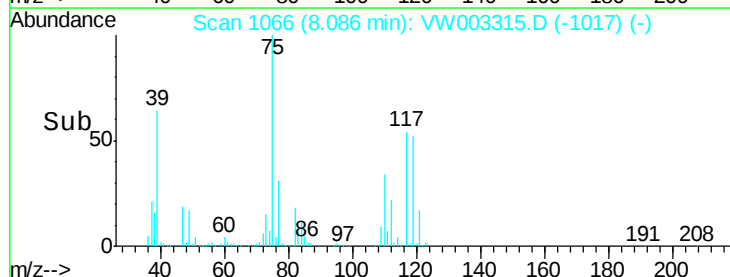
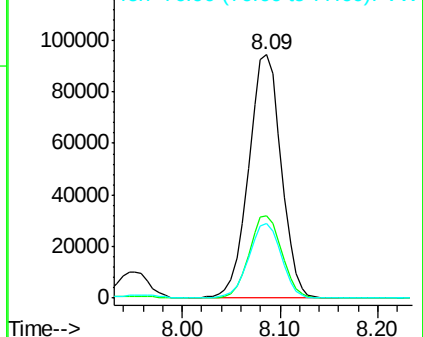
77 30.8 24.9 37.3

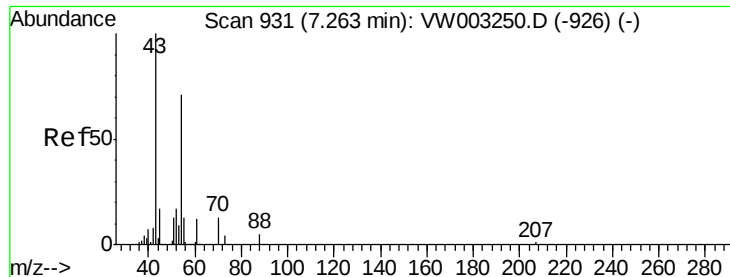


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

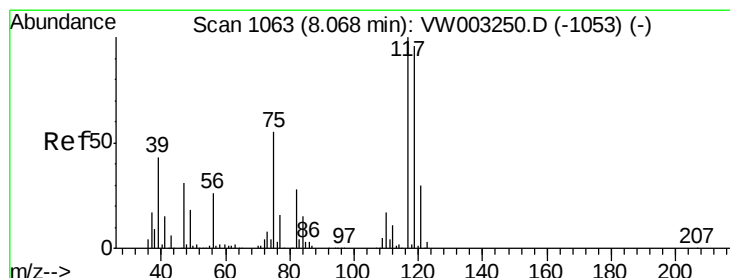
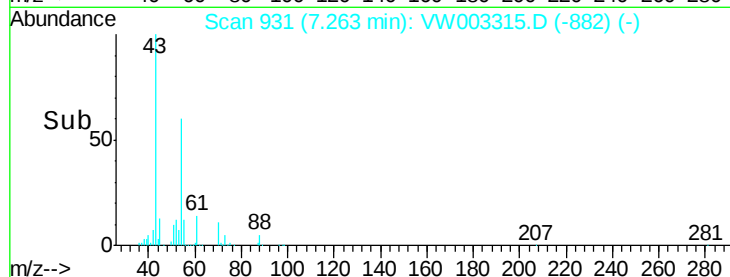
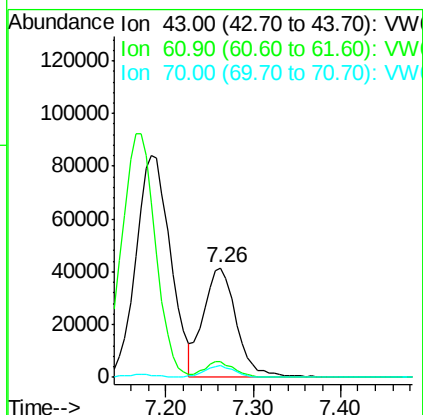
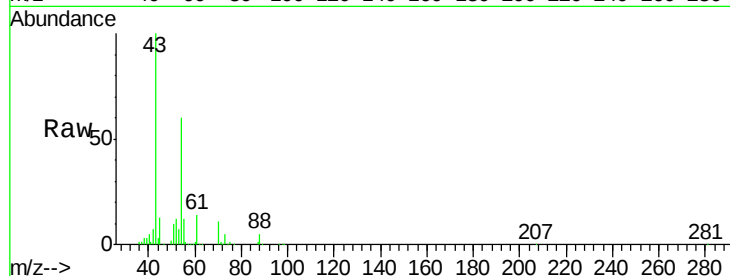




#37
Ethyl Acetate
Concen: 57.544 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

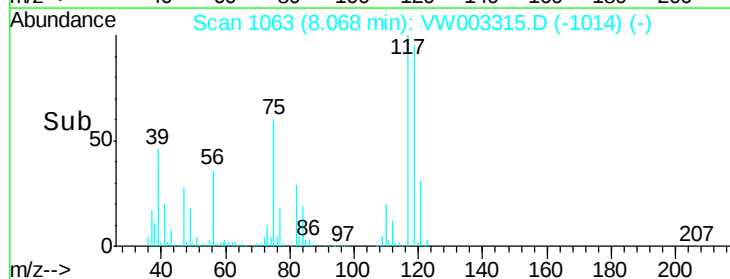
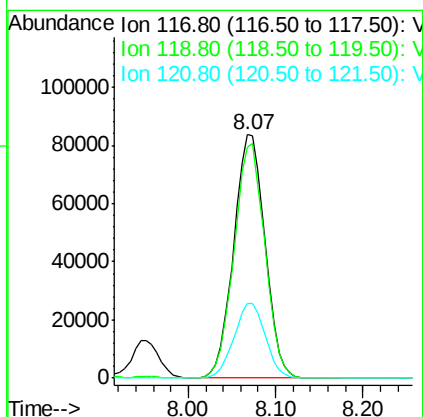
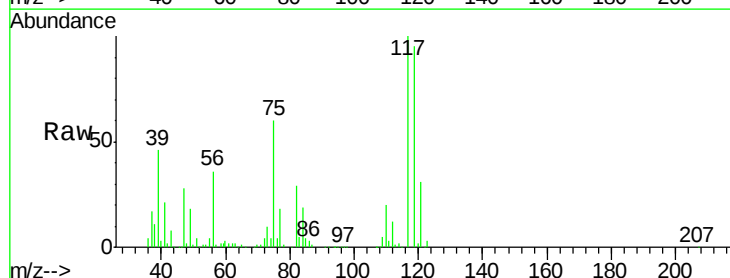
Instrument :
MSVOA_W
ClientSampleId :

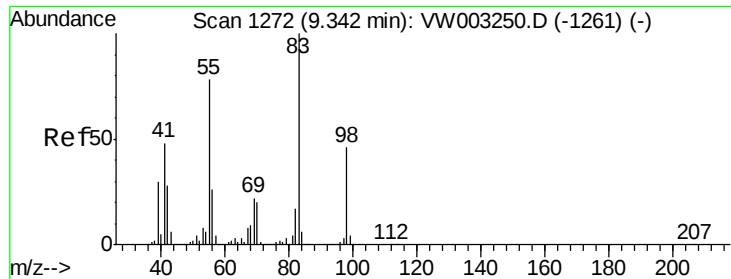
Tot Ion: 43 Resp: 108812
Ion Ratio Lower Upper
43 100
61 13.0 10.8 16.2
70 9.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 46.403 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 117 Resp: 207758
Ion Ratio Lower Upper
117 100
119 94.6 76.6 115.0
121 30.9 23.9 35.9

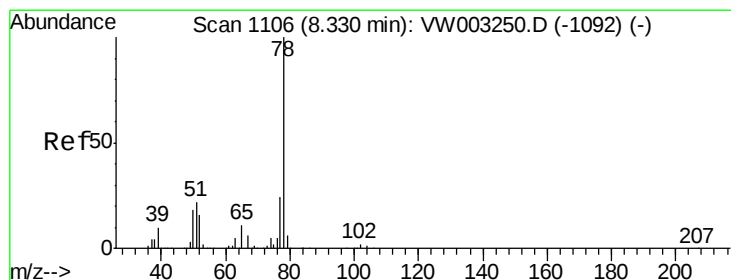
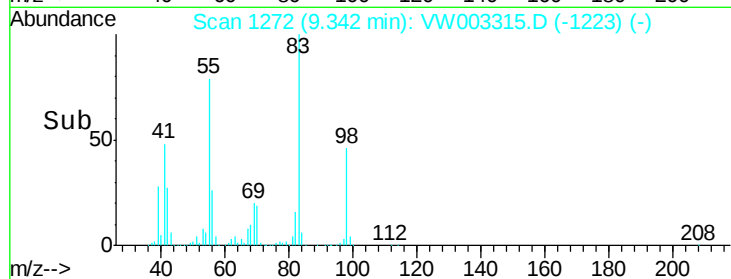
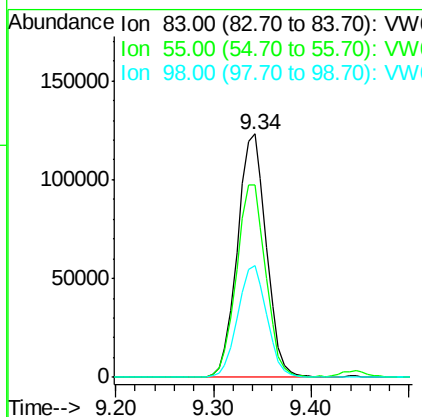
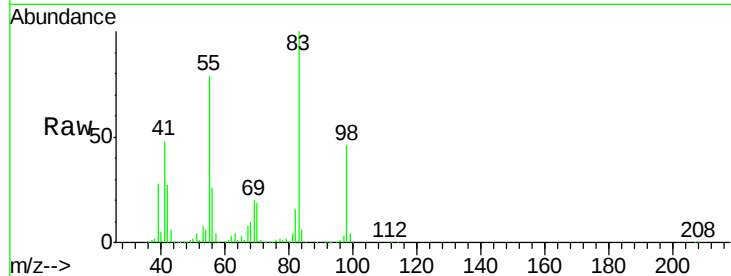




#39
Methvlcvclohexane
Concen: 47.729 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

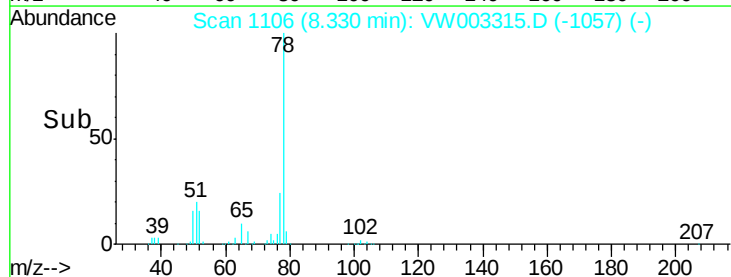
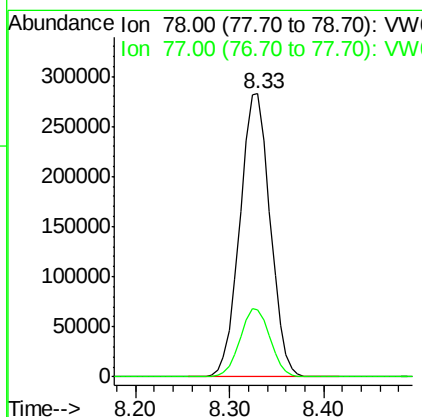
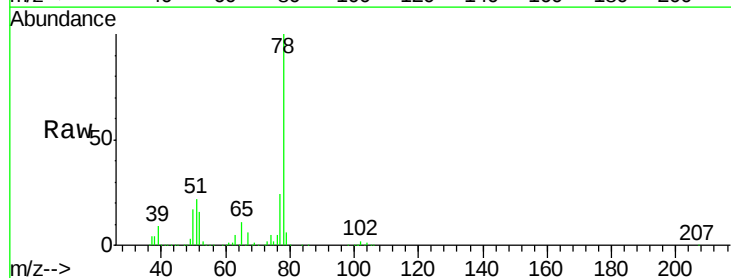
Instrument :
MSVOA_W
ClientSampleId :

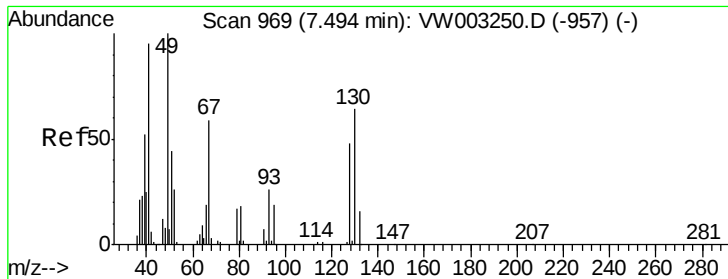
Tot Ion: 83 Resp: 252077
Ion Ratio Lower Upper
83 100
55 79.1 62.6 93.8
98 46.1 37.0 55.4



#40
Benzene
Concen: 50.216 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 78 Resp: 631790
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

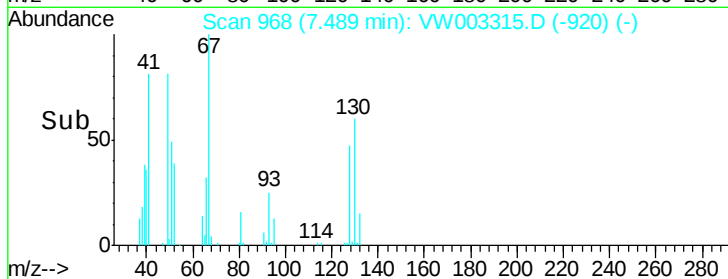
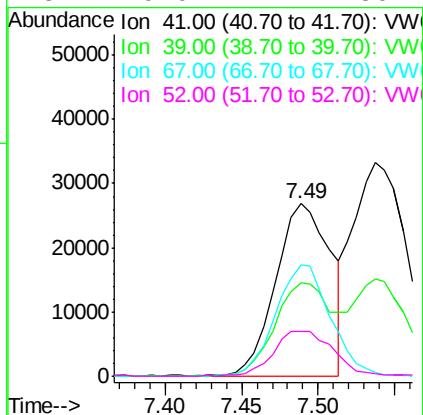
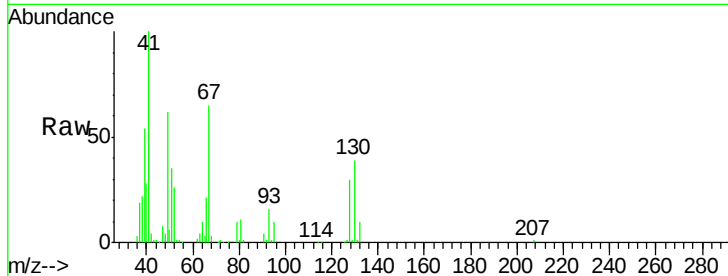




#41
Methacrylonitrile
Concen: 57.806 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

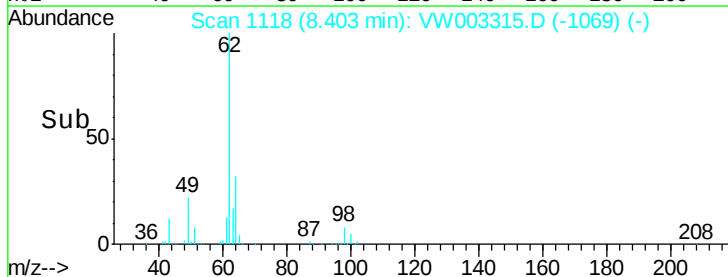
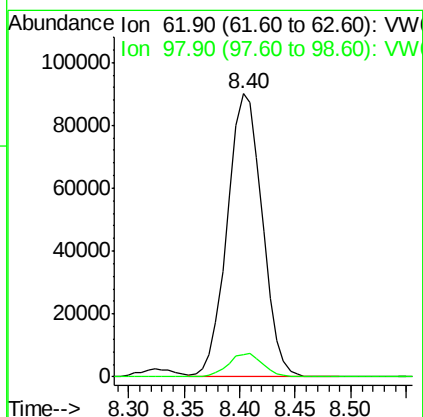
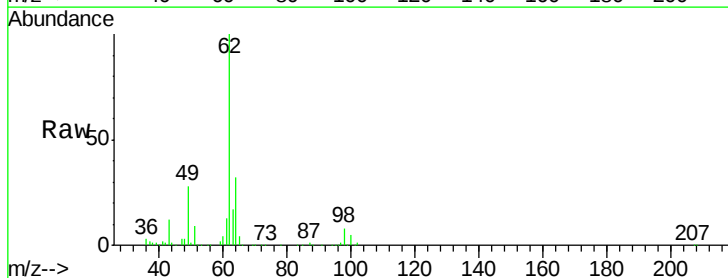
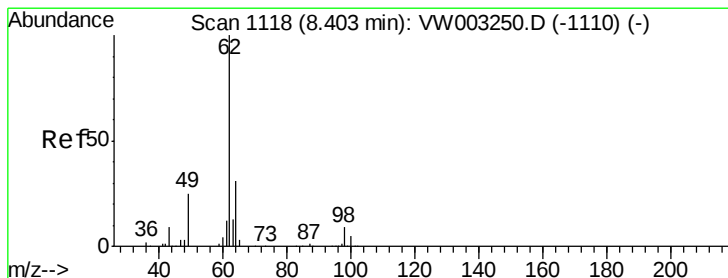
Instrument :
MSVOA_W
ClientSampleId :

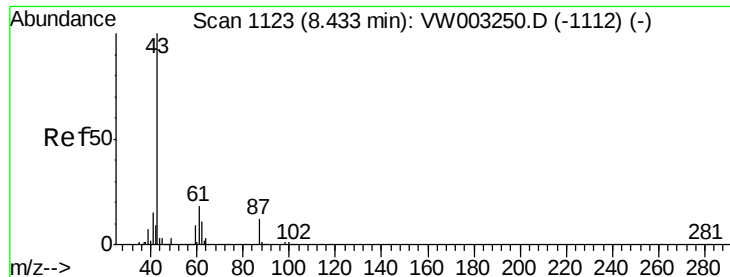
Tot Ion:	41	Resp:	67076
Ion	Ratio	Lower	Upper
41	100		
39	60.2	45.8	68.8
67	64.7	52.3	78.5
52	29.0	24.1	36.1



#42
1,2-Dichloroethane
Concen: 49.884 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion:	62	Resp:	196637
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2



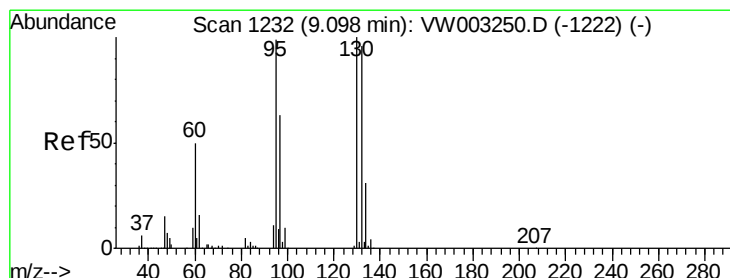
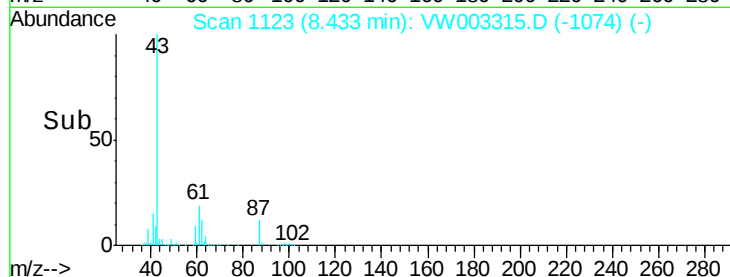
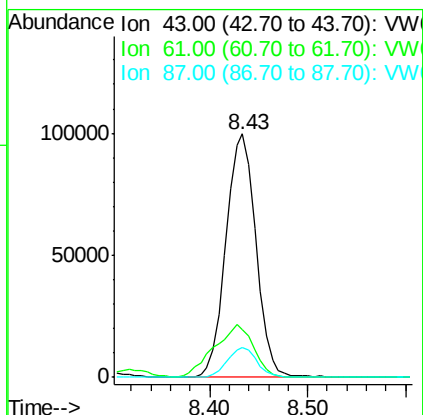
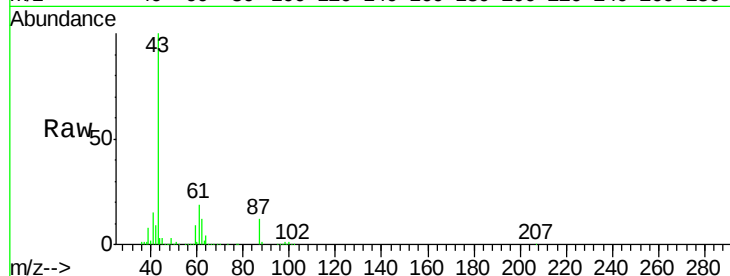


#43

Isopropyl Acetate
 Concen: 56.249 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Instrument :
 MSVOA_W
 ClientSampleId :

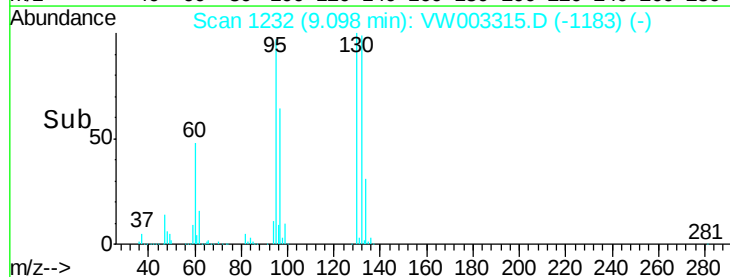
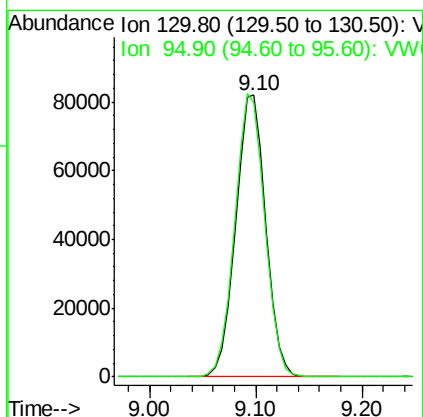
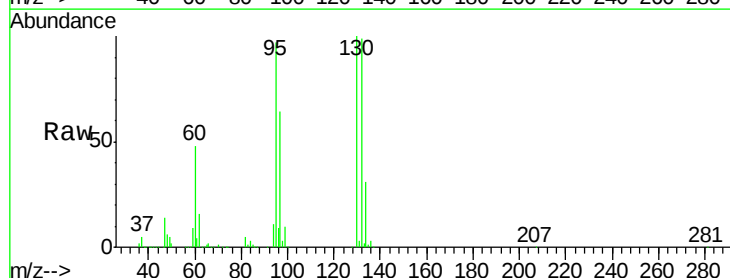
Tot Ion	43	Resp	211197
Ion Ratio	Lower	Upper	
43	100		
61	28.5	23.1	34.7
87	12.0	9.8	14.6

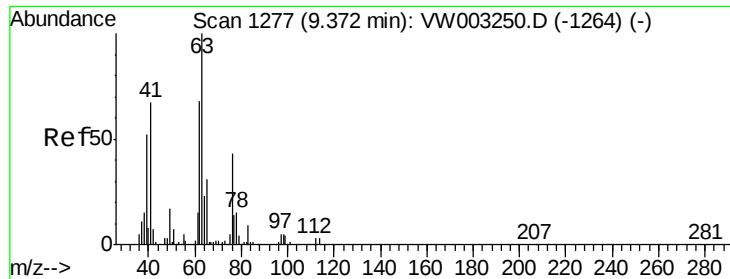


#44

Trichloroethene
 Concen: 48.596 ug/l
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Tgt Ion	130	Resp	162011
Ion Ratio	Lower	Upper	
130	100		
95	97.2	0.0	198.0





#45

1,2-Dichloropropane

Concen: 51.290 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

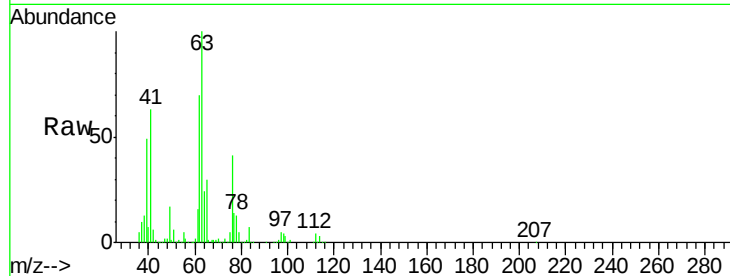
ClientSampleId :

Tot Ion: 63 Resp: 164306

Ion Ratio Lower Upper

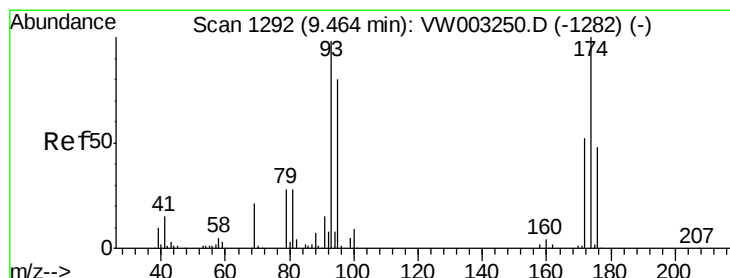
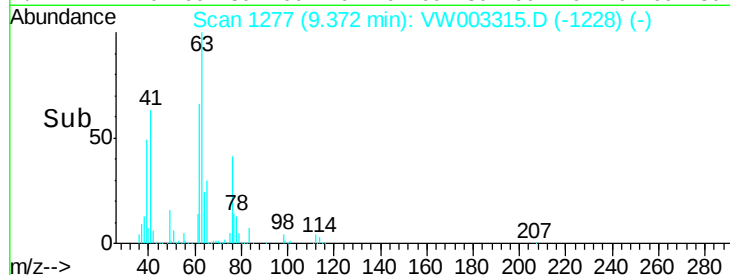
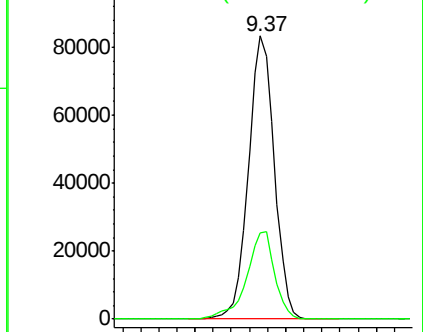
63 100

65 30.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 51.704 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

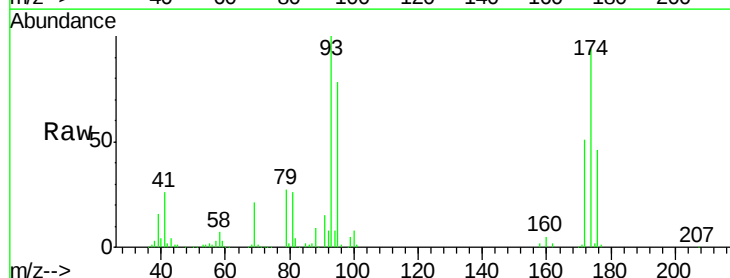
Tgt Ion: 93 Resp: 84800

Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

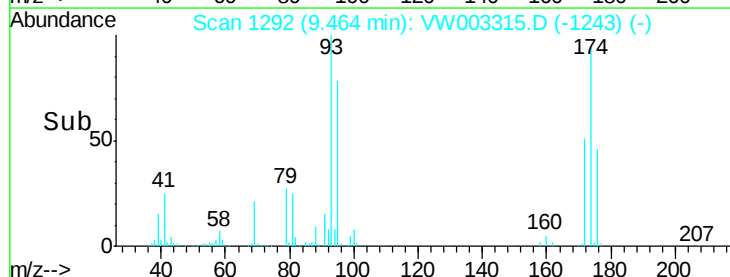
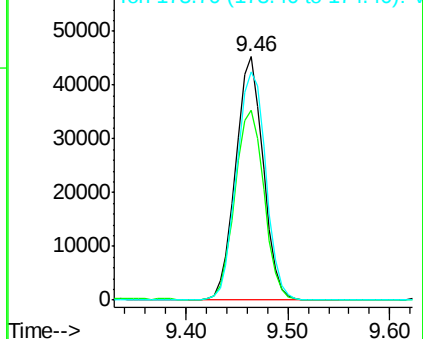
174 99.4 81.4 122.0

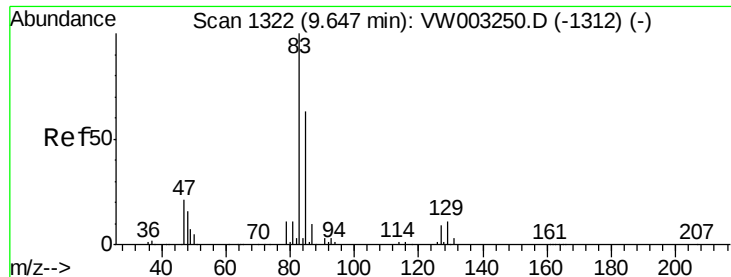


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.452 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

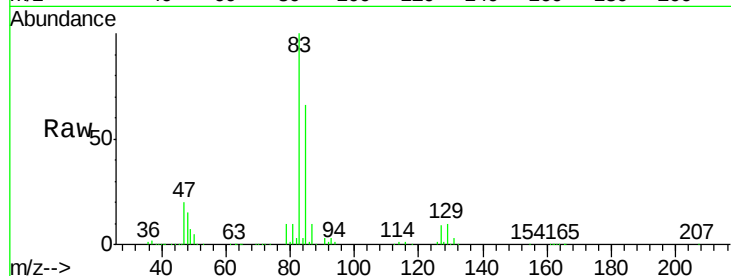
Tot Ion: 83 Resp: 212101

Ion Ratio Lower Upper

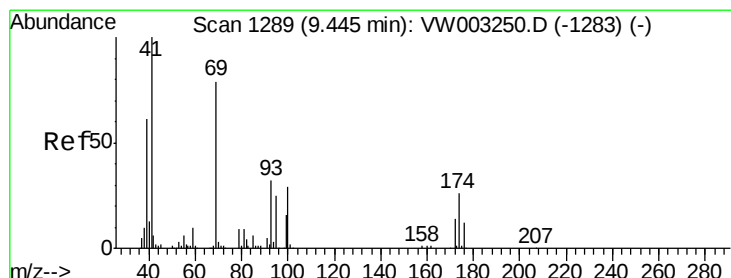
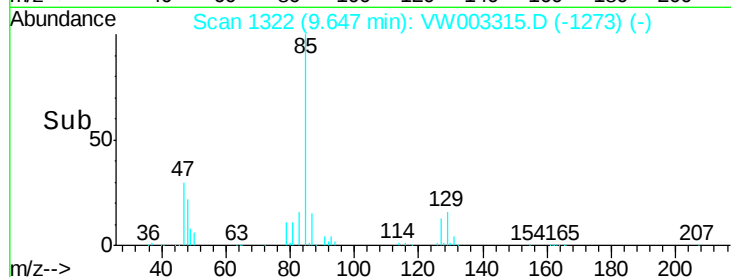
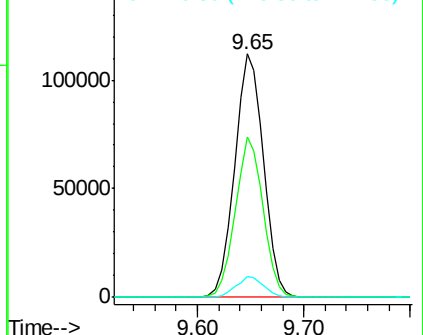
83 100

85 65.7 50.6 75.8

127 8.7 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: 57.684 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

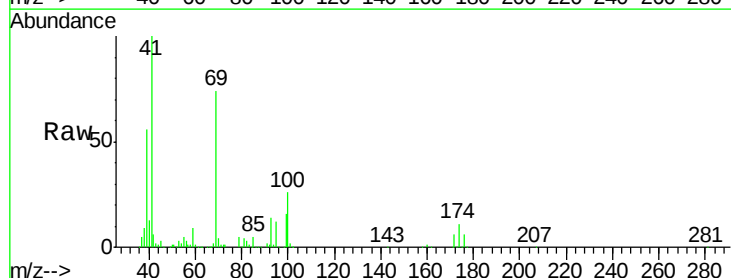
Tgt Ion: 41 Resp: 101785

Ion Ratio Lower Upper

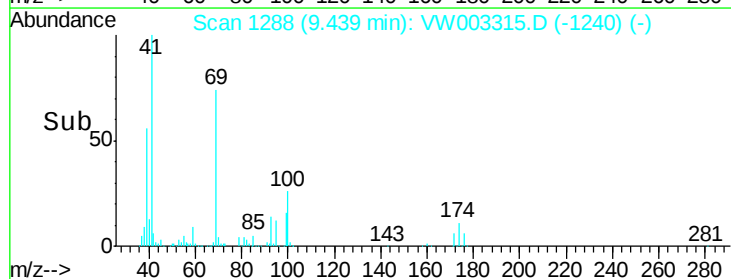
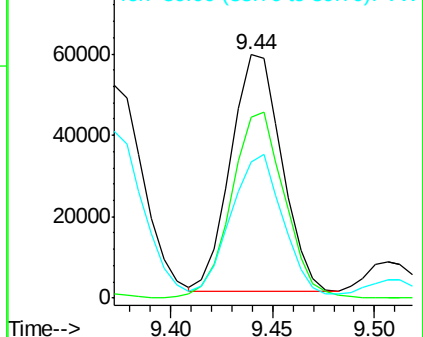
41 100

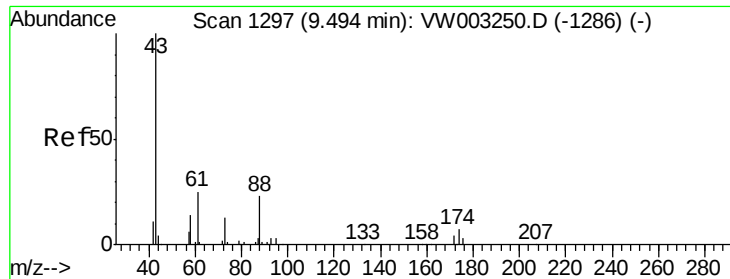
69 80.7 65.4 98.2

39 62.4 54.2 81.2



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





#49

1,4-Dioxane

Concen: 1062.853 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. -0.01 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

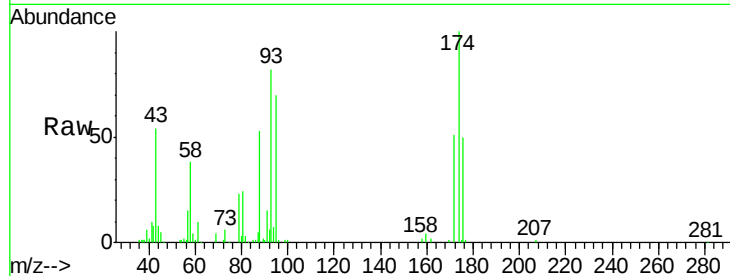
Tot Ion: 88 Resp: 26320

Ion Ratio Lower Upper

88 100

43 0.0 454.7 682.1#

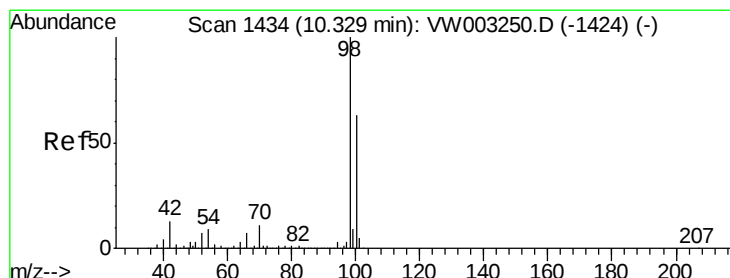
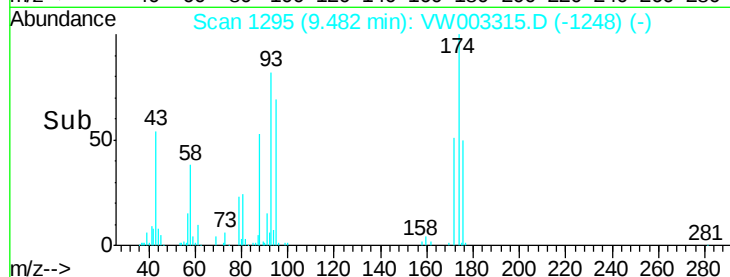
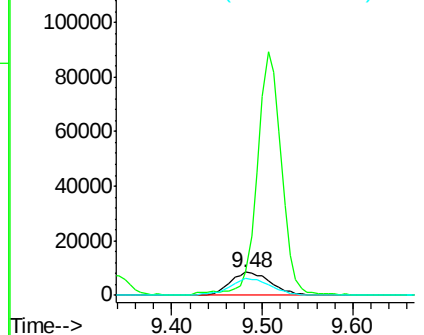
58 73.7 58.6 88.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.054 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003315.D

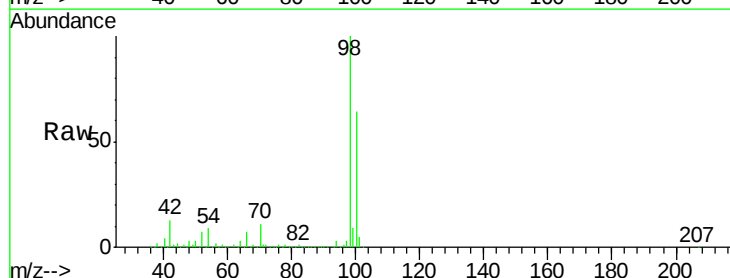
Acq: 16 Jun 2018 01:20

Tgt Ion: 98 Resp: 617822

Ion Ratio Lower Upper

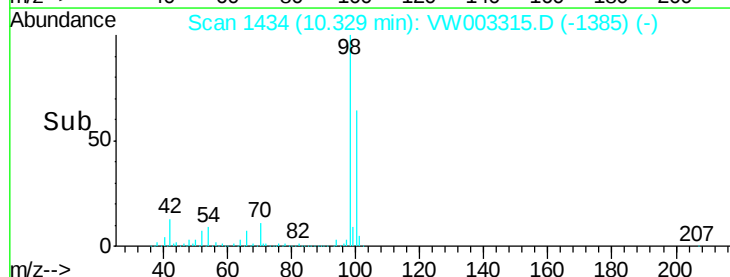
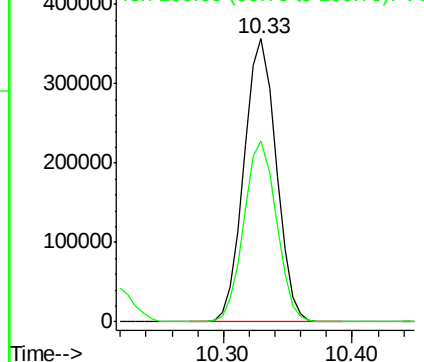
98 100

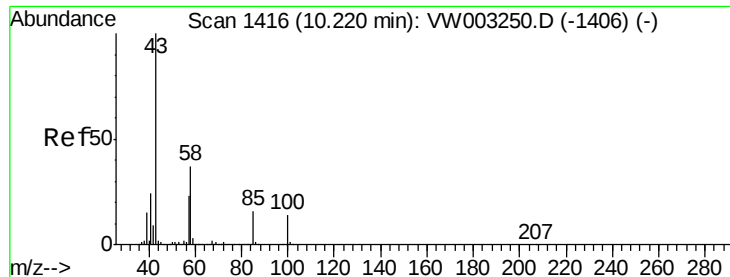
100 64.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 287.750 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

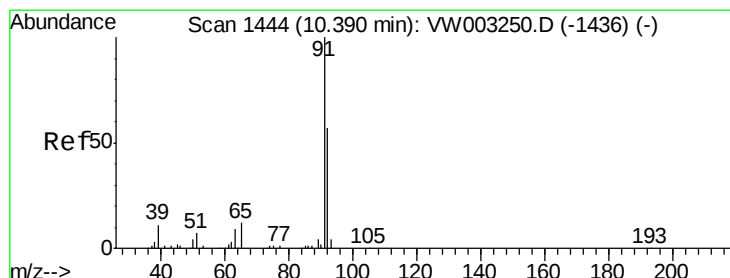
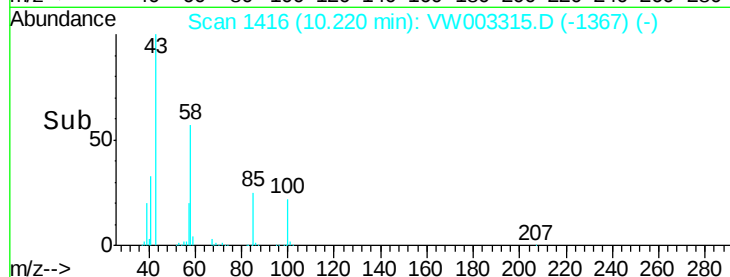
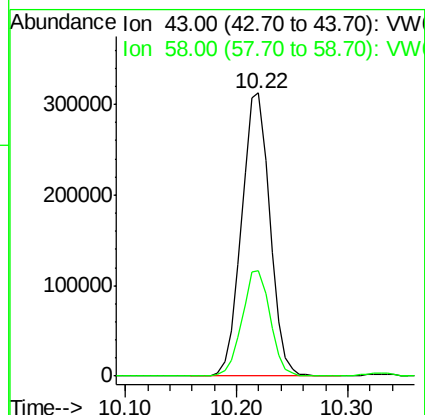
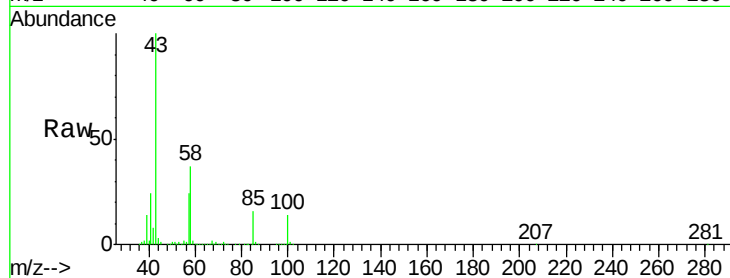
ClientSampleId :

Tot Ion: 43 Resp: 550527

Ion Ratio Lower Upper

43 100

58 37.2 29.0 43.4



#52

Toluene

Concen: 49.449 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003315.D

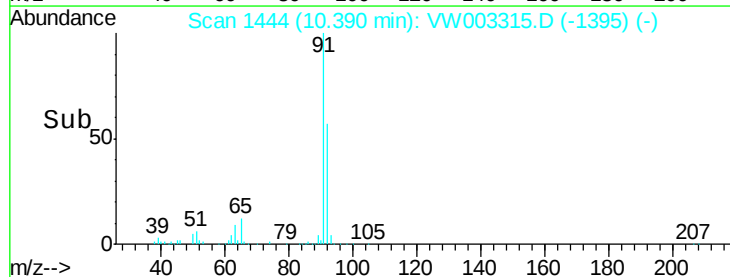
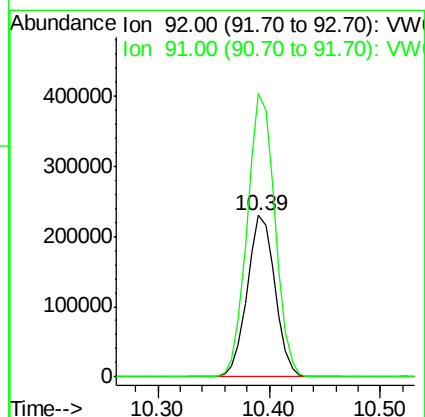
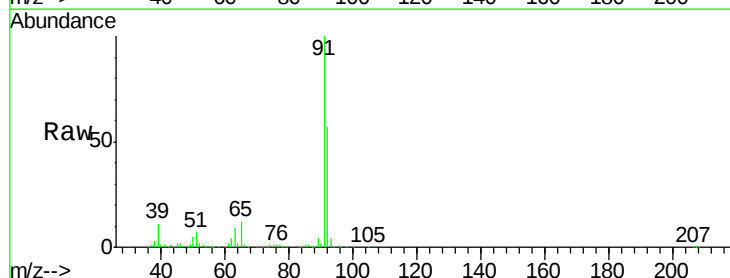
Acq: 16 Jun 2018 01:20

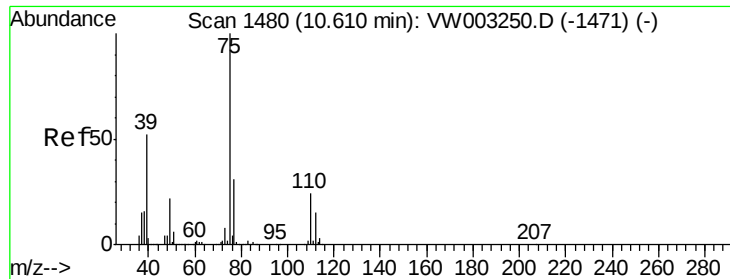
Tgt Ion: 92 Resp: 398960

Ion Ratio Lower Upper

92 100

91 175.3 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 50.917 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

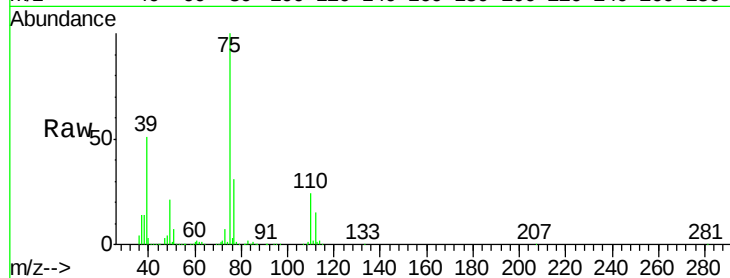
ClientSampled :

Tot Ion: 75 Resp: 218660

Ion Ratio Lower Upper

75 100

77 30.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

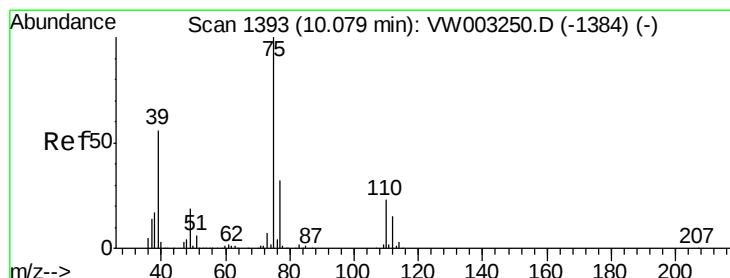
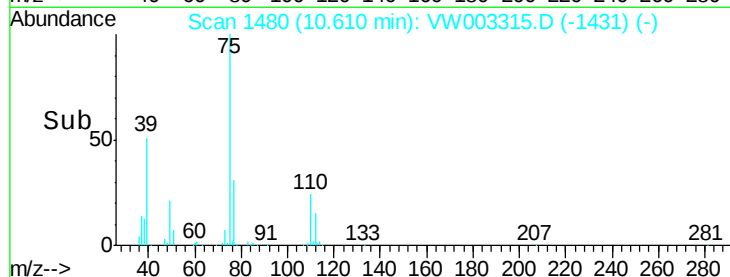
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.944 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

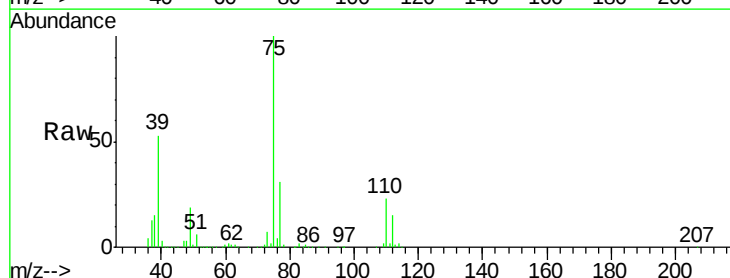
Tgt Ion: 75 Resp: 249004

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 53.4 45.2 67.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.08

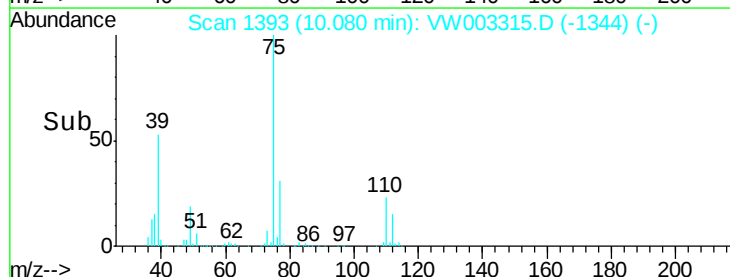
150000

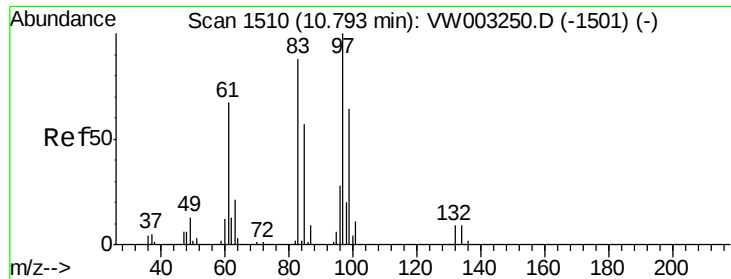
100000

50000

0

Time--> 10.00 10.10

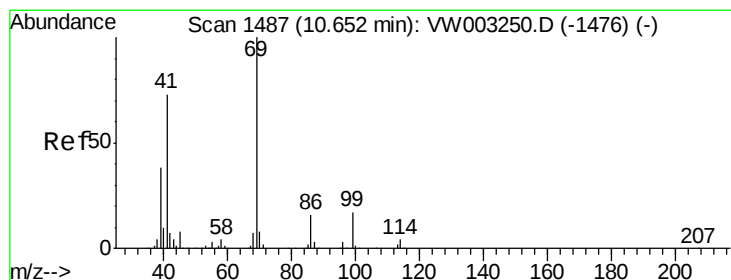
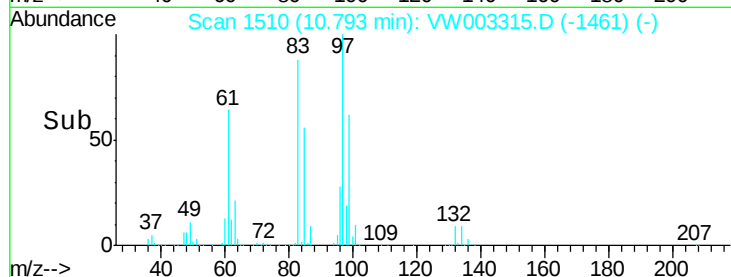
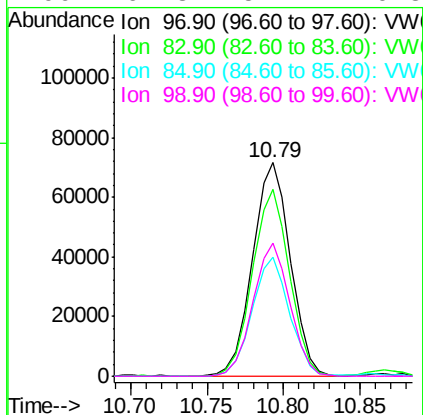
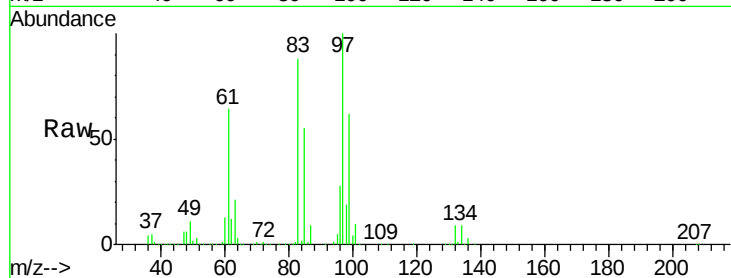




#55
 1,1,2-Trichloroethane
 Concen: 53.029 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

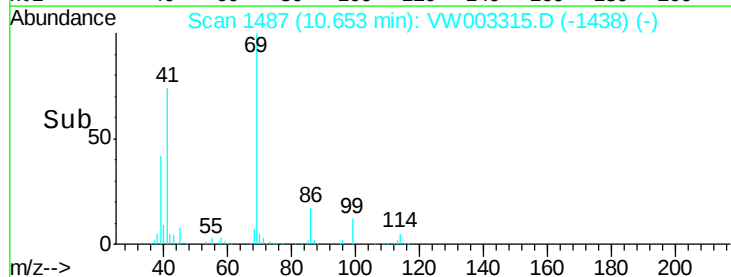
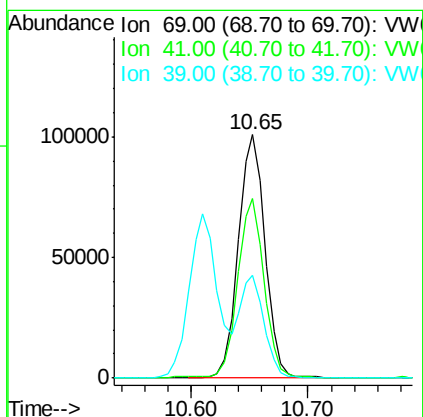
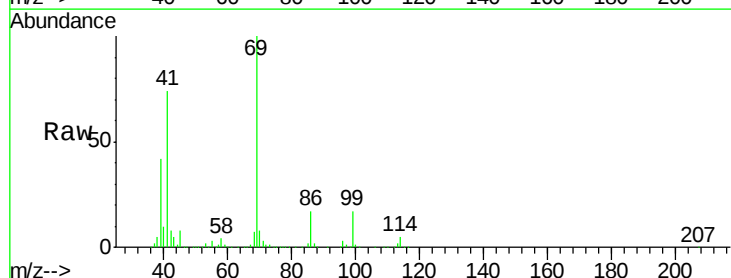
Instrument :
 MSVOA_W
 ClientSampled :

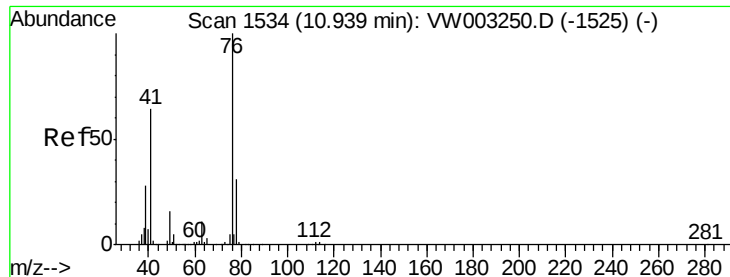
Tot Ion:	97	Resp:	122556
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.2
85	55.6	45.6	68.4
99	62.3	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 57.325 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Tgt Ion:	69	Resp:	160881
Ion	Ratio	Lower	Upper
69	100		
41	73.4	57.8	86.6
39	38.2	32.7	49.1

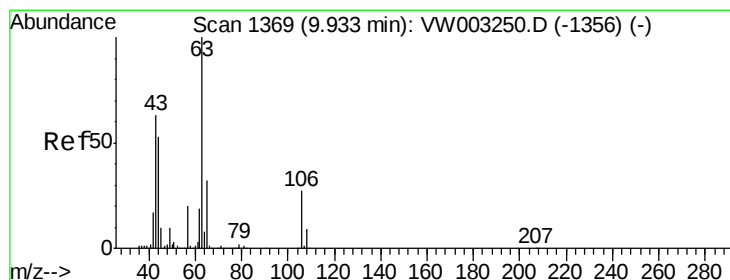
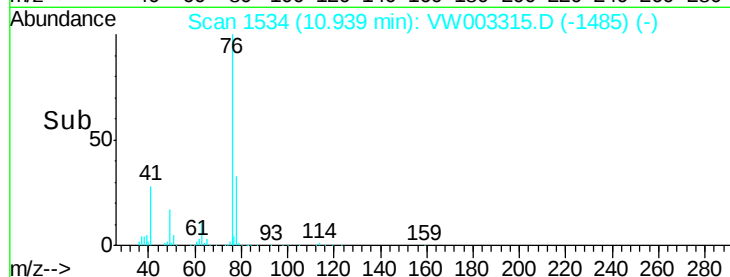
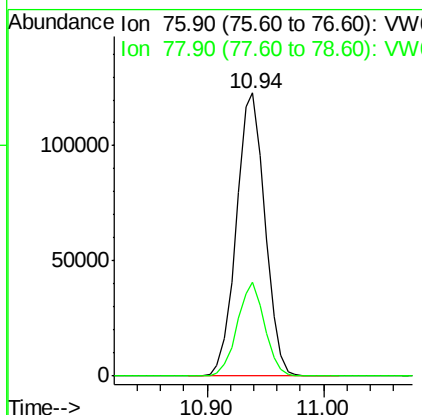
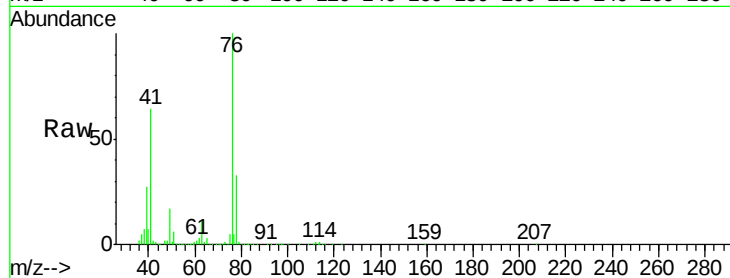




#57
 1,3-Dichloropropane
 Concen: 52.761 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

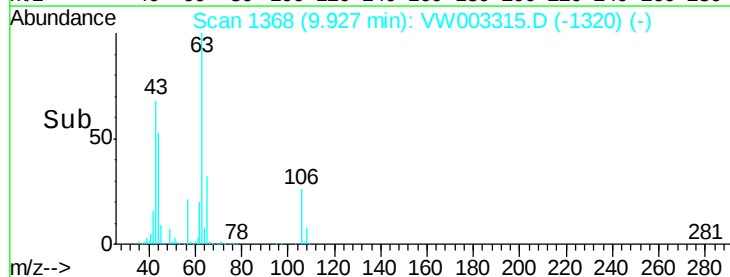
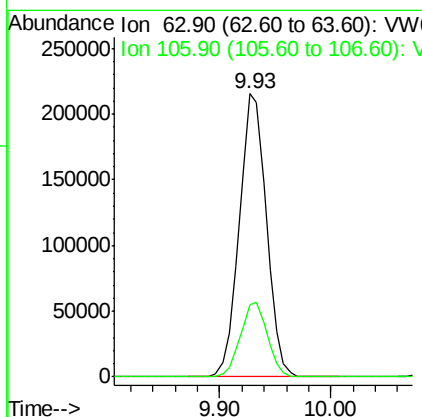
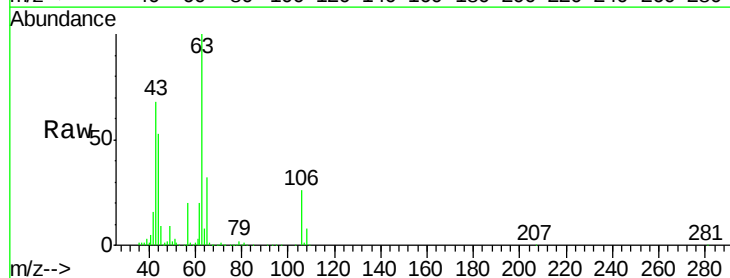
Instrument :
 MSVOA_W
 ClientSampled :

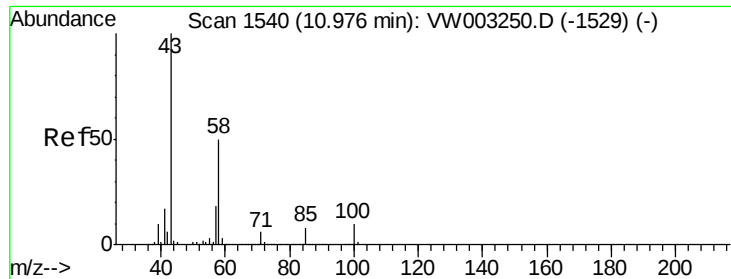
Tot Ion: 76 Resp: 210307
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 288.720 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Tgt Ion: 63 Resp: 363232
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.8 32.8

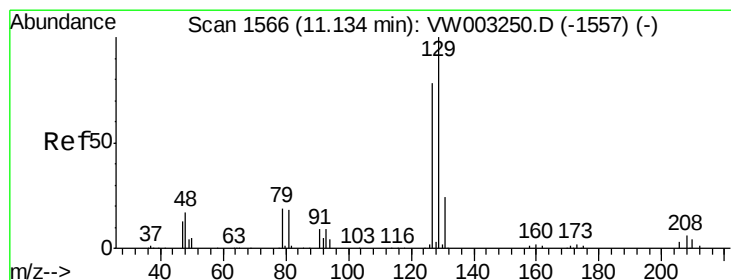
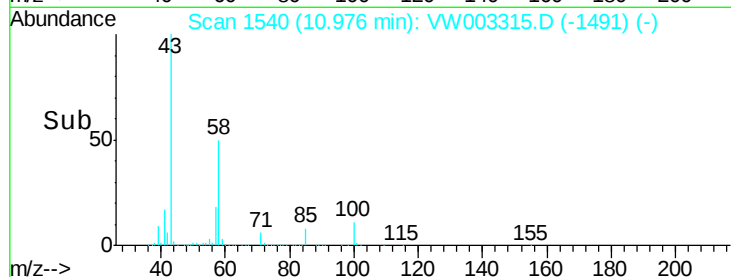
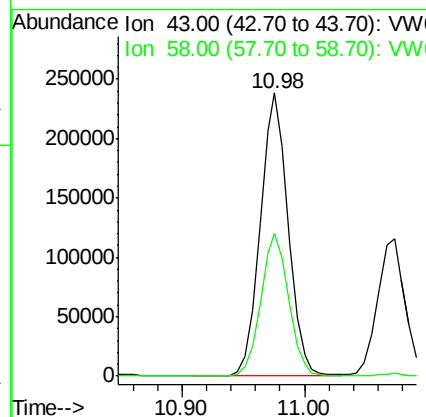
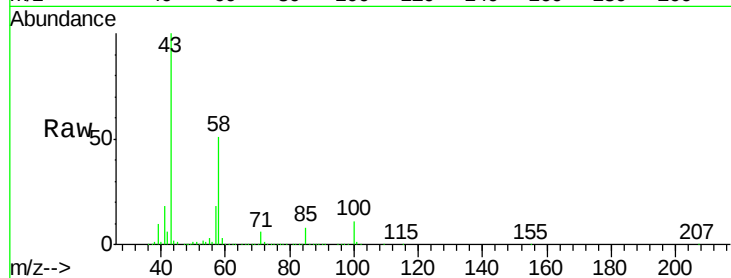




#59
2-Hexanone
Concen: 282.157 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

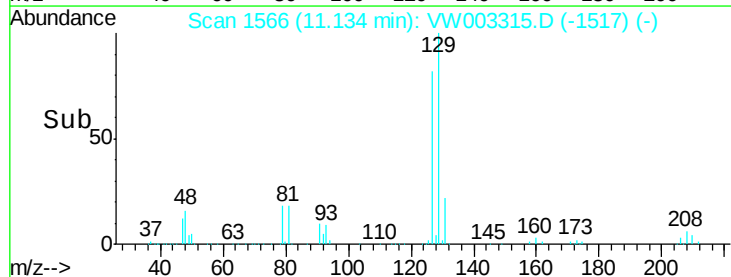
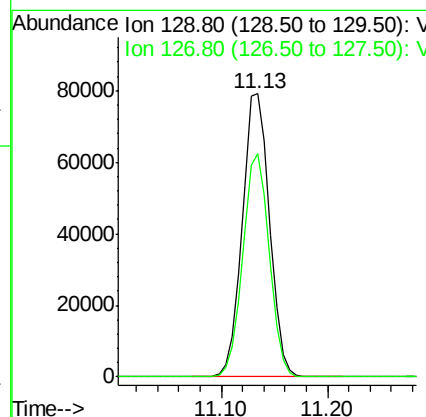
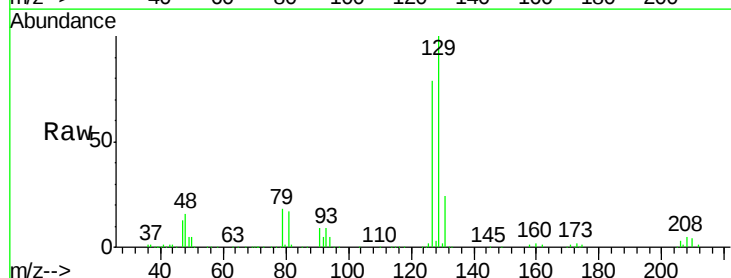
Instrument :
MSVOA_W
ClientSampleId :

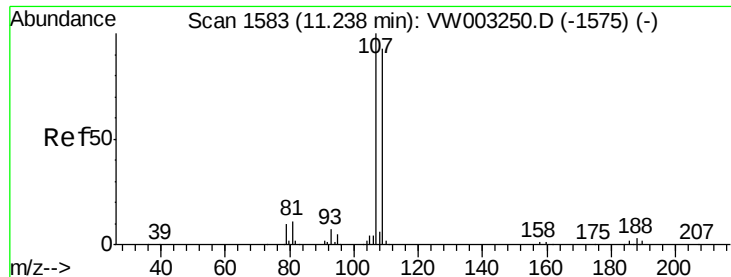
Tot Ion: 43 Resp: 377117
Ion Ratio Lower Upper
43 100
58 50.4 25.0 75.0



#60
Dibromochloromethane
Concen: 51.851 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 129 Resp: 142507
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.5

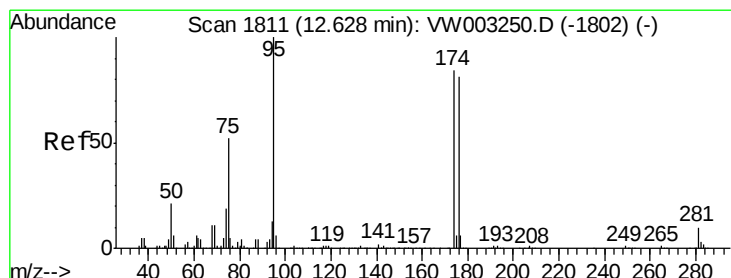
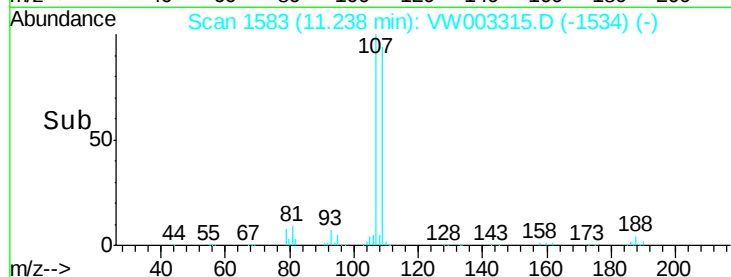
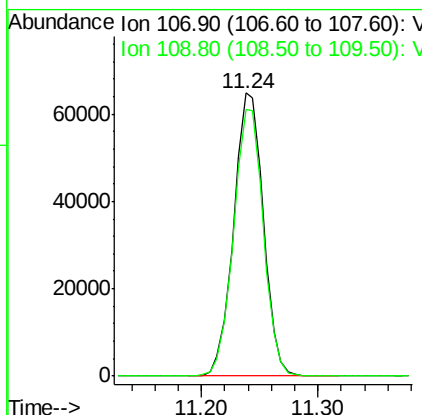
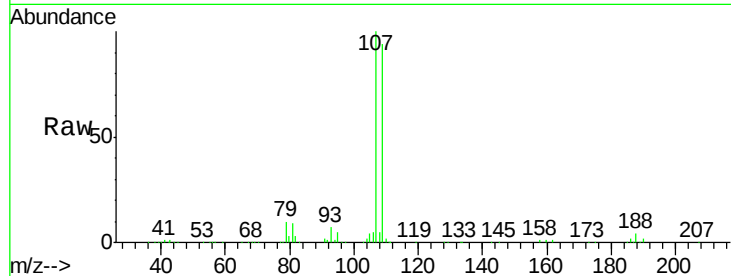




#61
 1,2-Dibromoethane
 Concen: 52.537 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

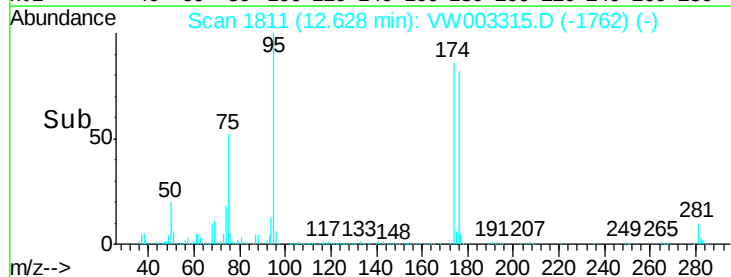
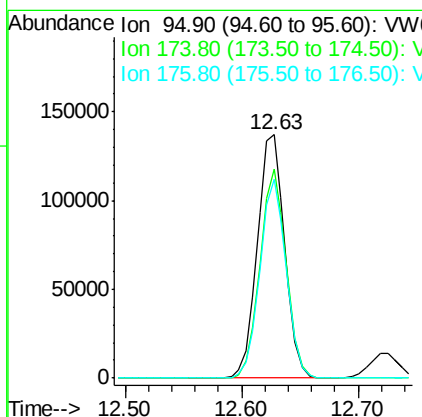
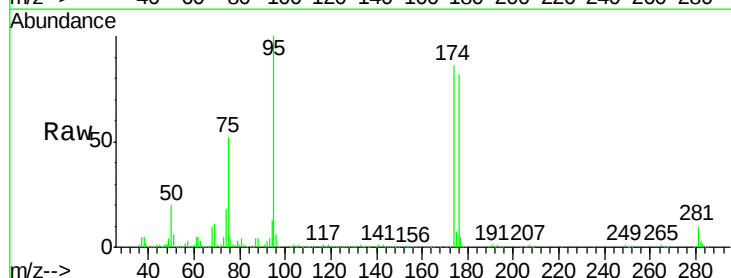
Instrument :
 MSVOA_W
 ClientSampleId :

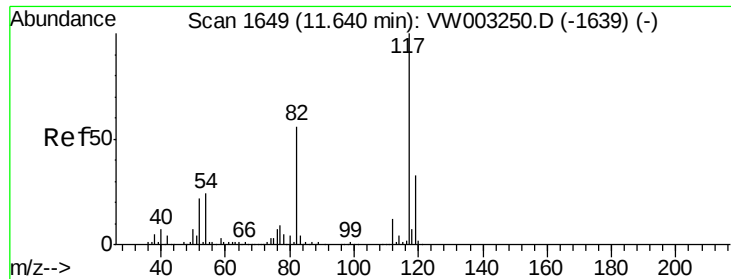
Tot Ion: 107 Resp: 114851
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 54.186 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Tgt Ion: 95 Resp: 223305
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 166.4
 176 78.7 0.0 162.0

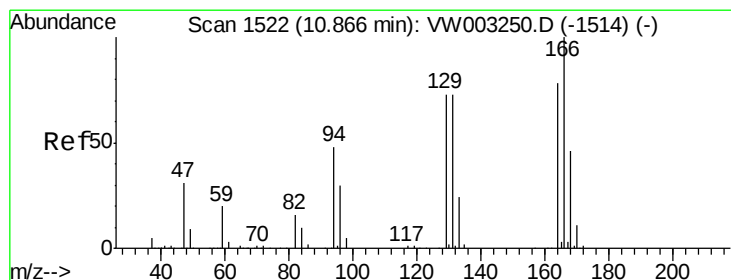
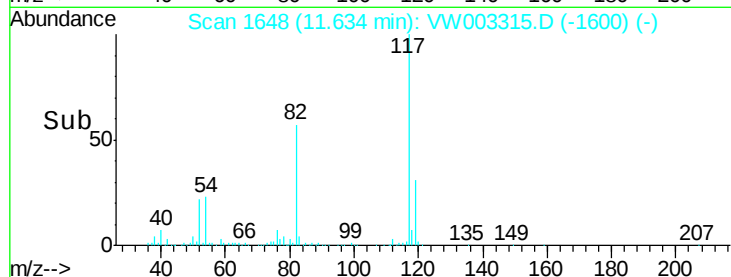
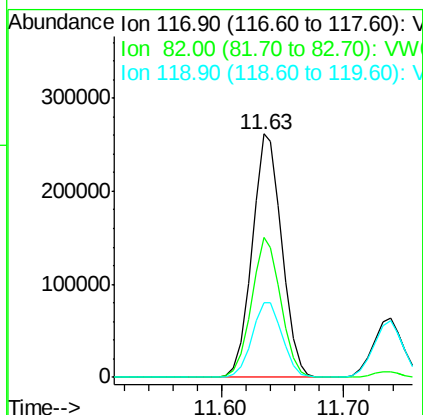
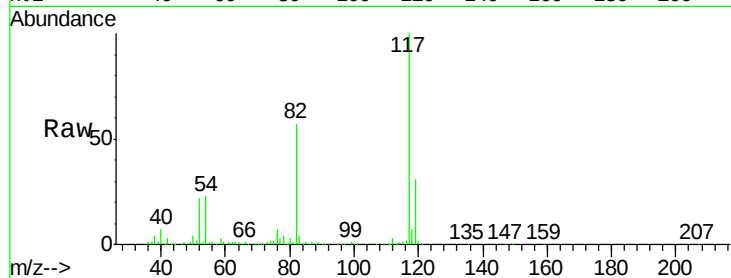




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

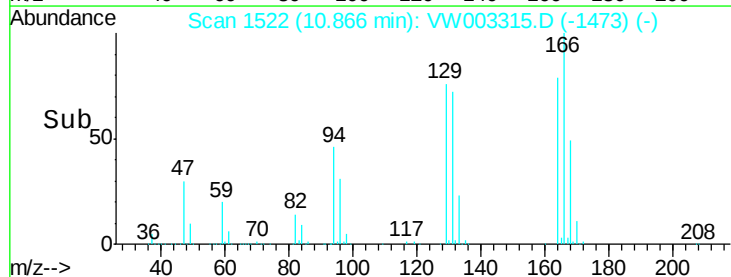
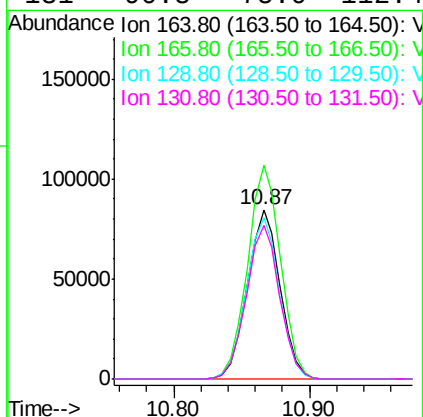
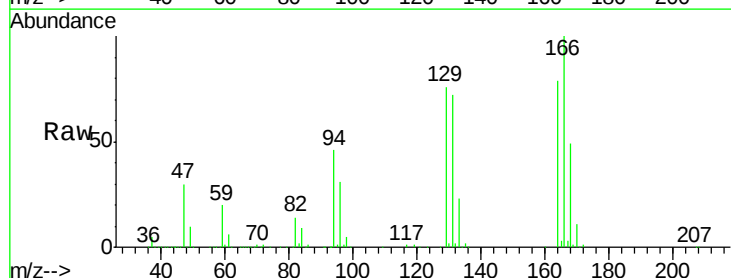
Instrument :
MSVOA_W
ClientSampleId :

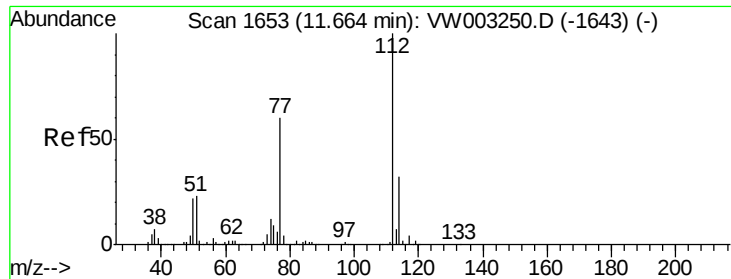
Tot Ion:117 Resp: 439397
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 30.7 26.7 40.1



#64
Tetrachloroethene
Concen: 48.669 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion:164 Resp: 143034
Ion Ratio Lower Upper
164 100
166 126.1 102.6 154.0
129 95.6 75.2 112.8
131 90.8 75.0 112.4

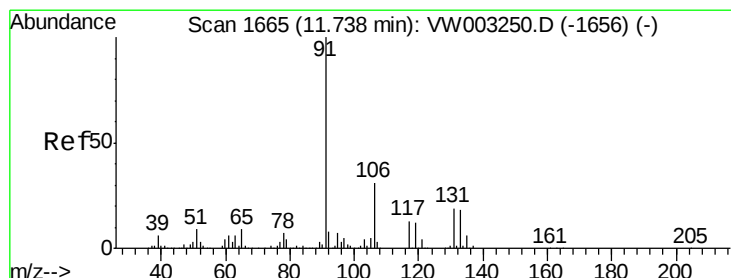
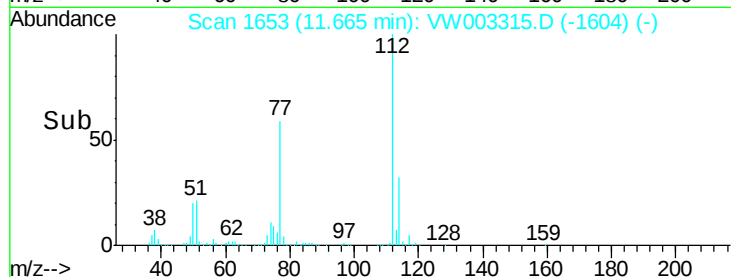
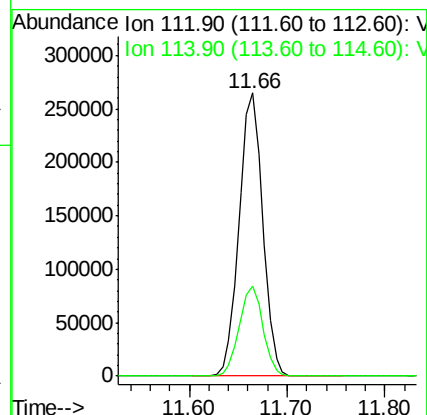
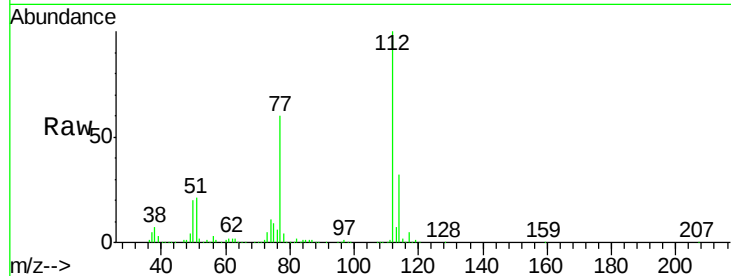




#65
Chlorobenzene
Concen: 48.486 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

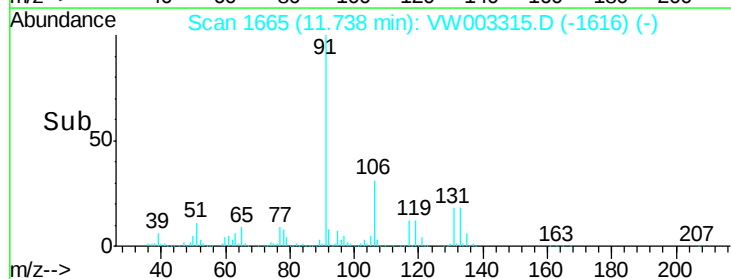
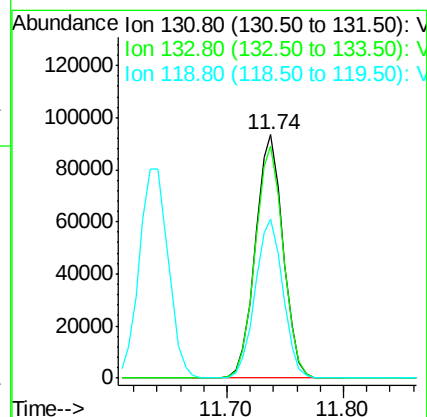
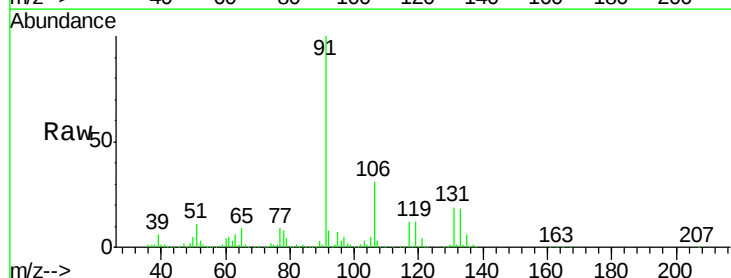
Instrument :
MSVOA_W
ClientSampleId :

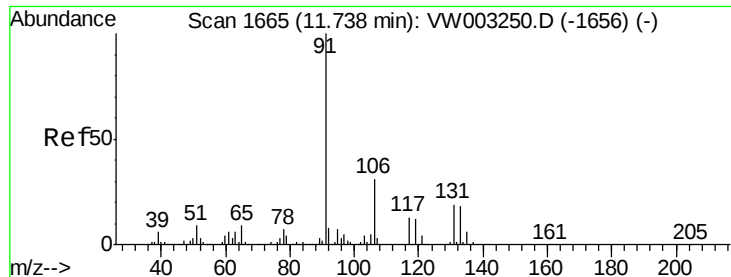
Tot Ion:112 Resp: 443655
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.120 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion:131 Resp: 154730
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 65.9 32.5 97.4

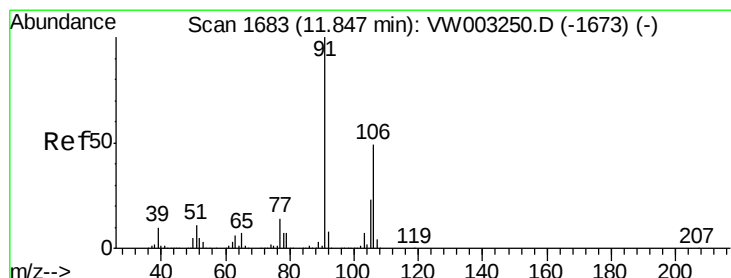
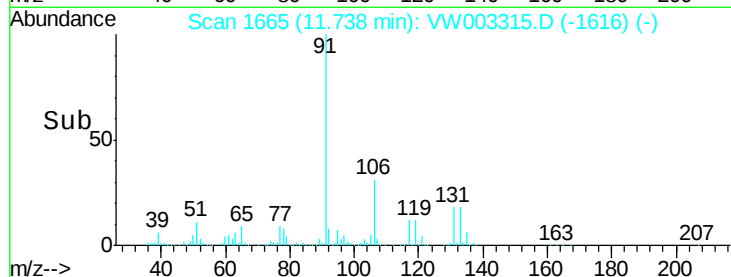
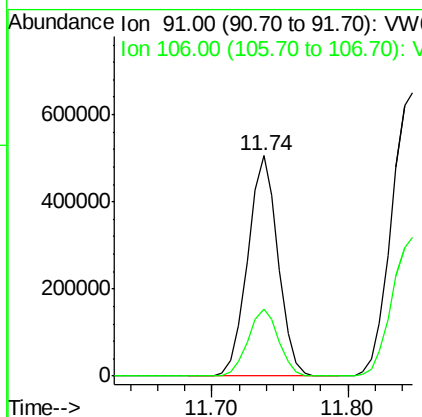
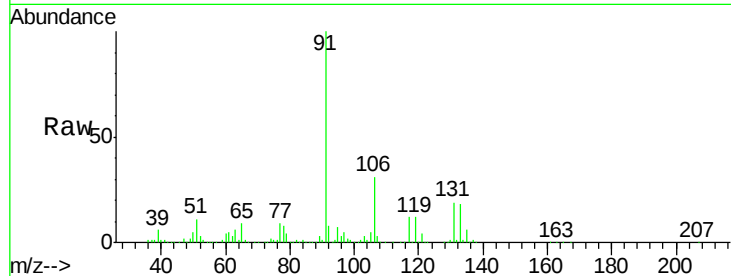




#67
Ethyl Benzene
Concen: 48.462 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

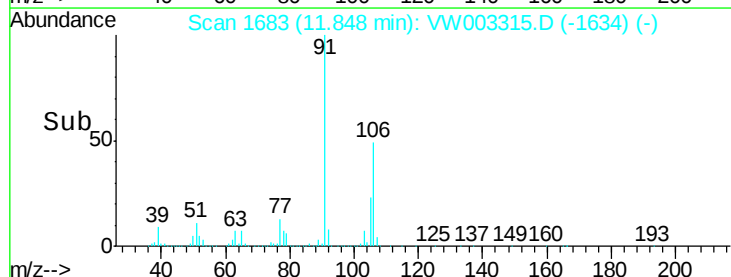
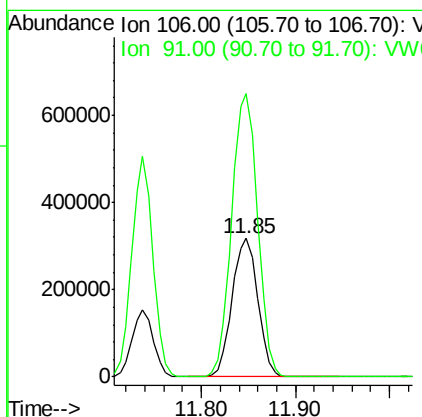
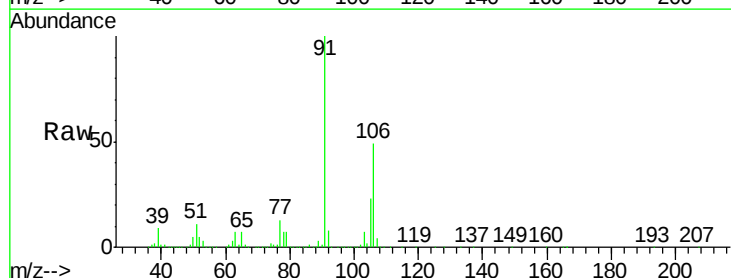
Instrument :
MSVOA_W
ClientSampled :

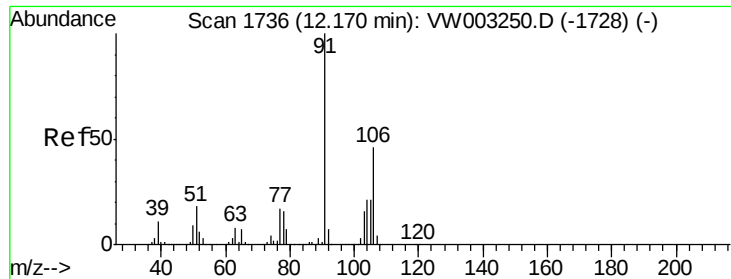
Tot Ion: 91 Resp: 786032
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



#68
m/p-Xylenes
Concen: 97.263 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 106 Resp: 599691
Ion Ratio Lower Upper
106 100
91 206.1 165.4 248.0

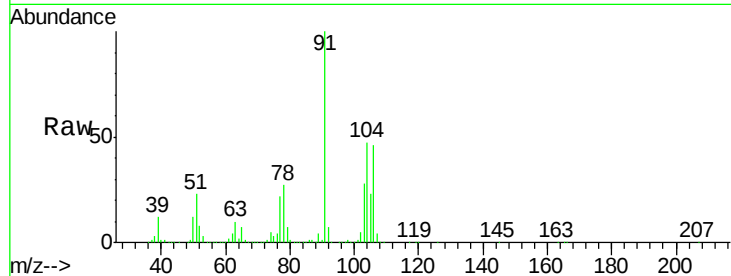




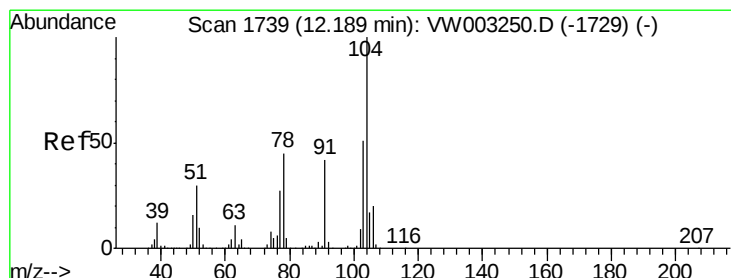
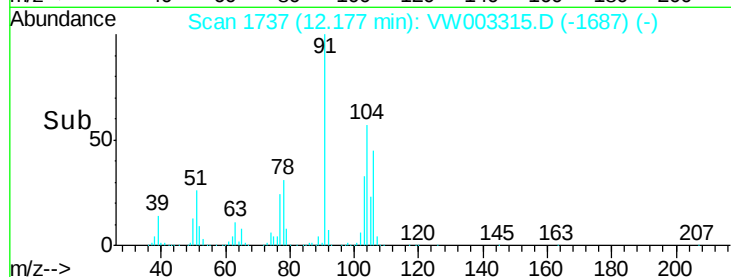
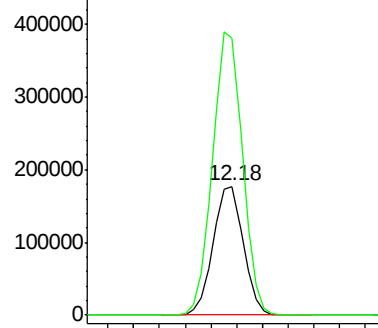
#69
o-Xylene
Concen: 50.115 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 286365
Ion Ratio Lower Upper
106 100
91 218.6 108.6 325.6

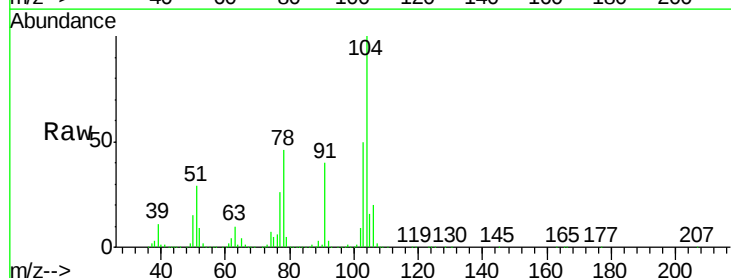


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

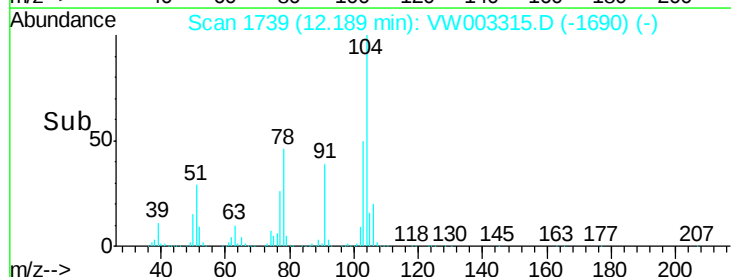
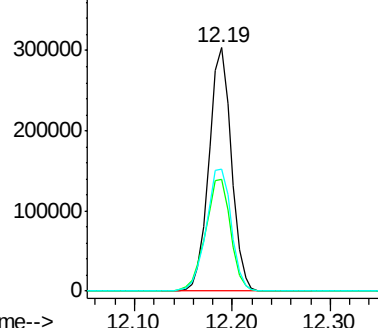


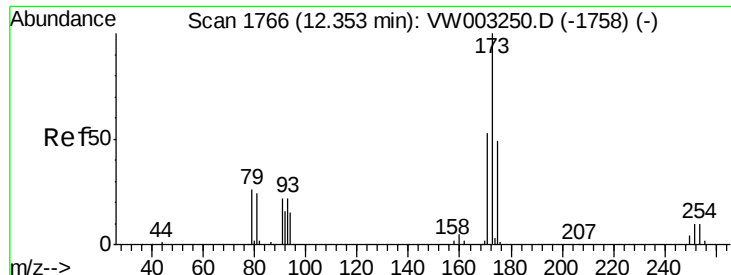
#70
Styrene
Concen: 50.747 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion:104 Resp: 482663
Ion Ratio Lower Upper
104 100
78 51.5 41.3 61.9
103 56.1 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.962 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

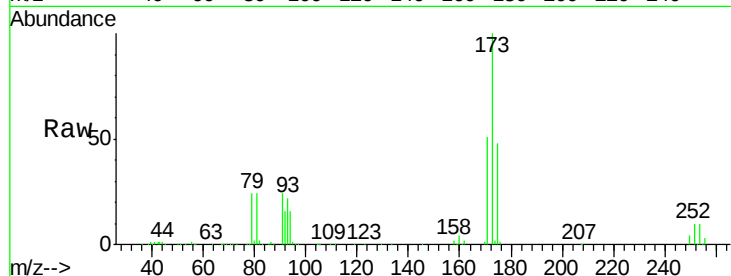
Tot Ion:173 Resp: 84928

Ion Ratio Lower Upper

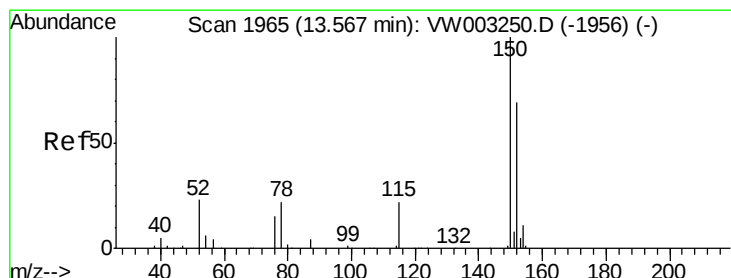
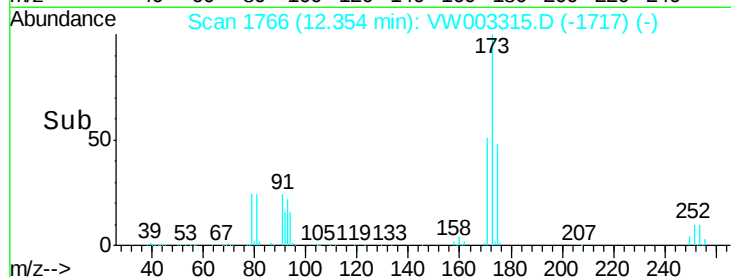
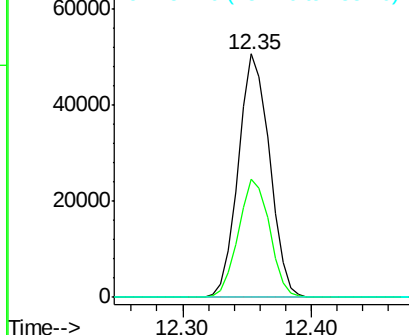
173 100

175 48.6 24.4 73.4

254 0.2 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: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

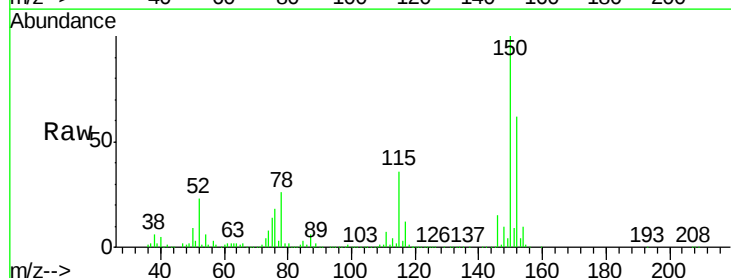
Tgt Ion:152 Resp: 225427

Ion Ratio Lower Upper

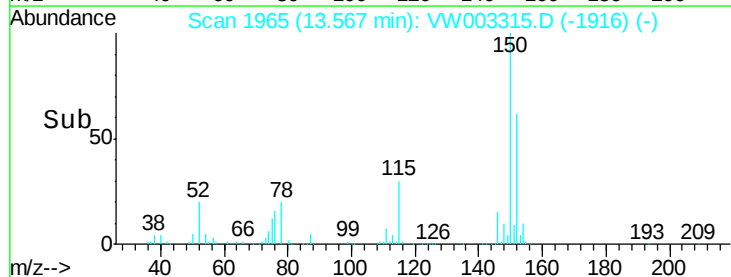
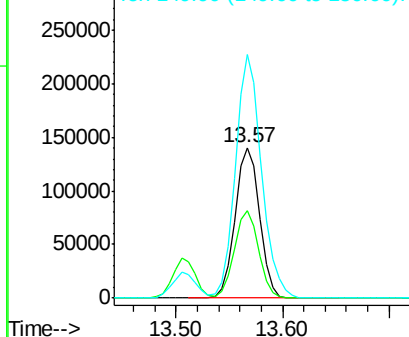
152 100

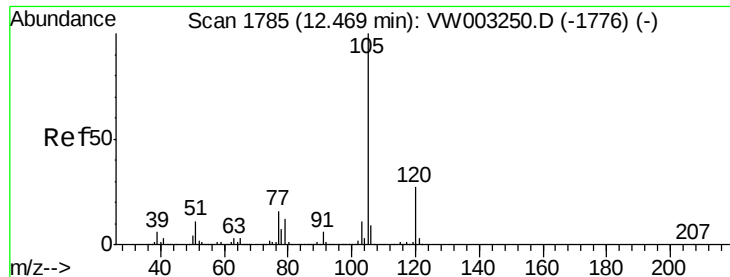
115 57.5 29.3 88.0

150 172.6 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: 50.488 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

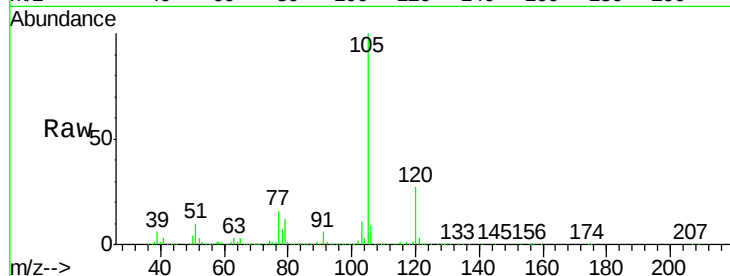
ClientSampled :

Tot Ion:105 Resp: 791625

Ion Ratio Lower Upper

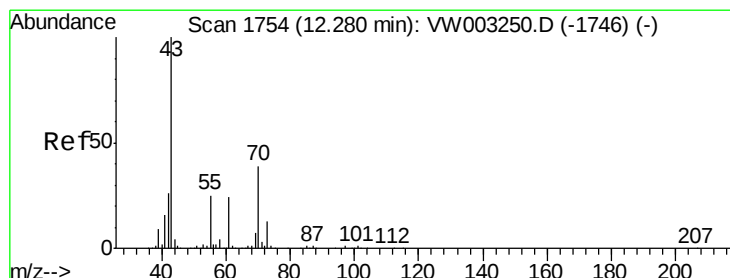
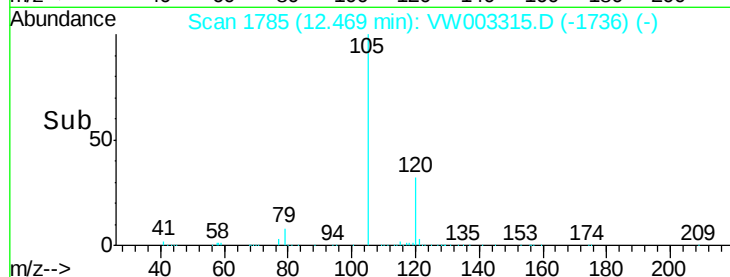
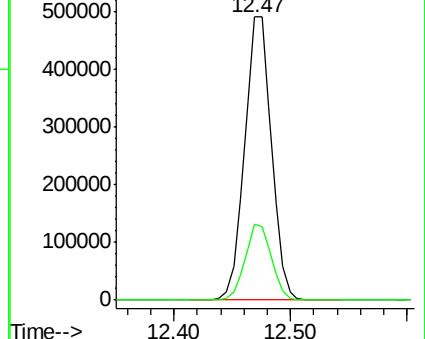
105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.168 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Tgt Ion: 43 Resp: 204022

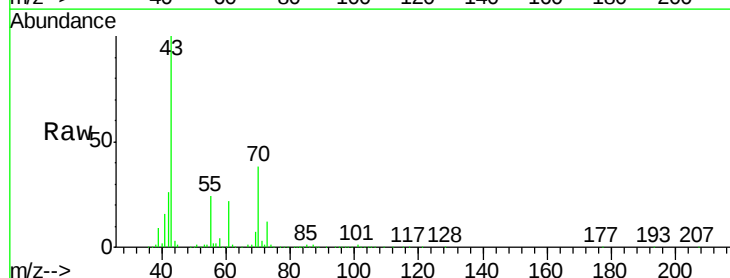
Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 23.6 19.7 29.5

61 22.4 18.1 27.1

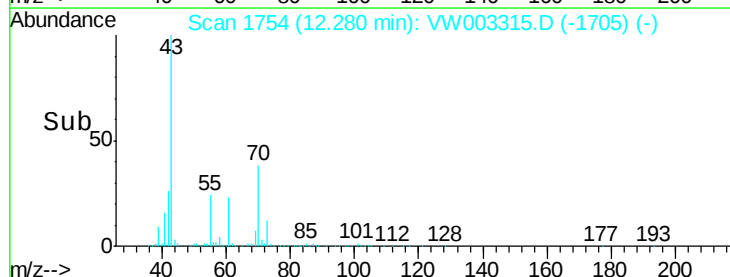
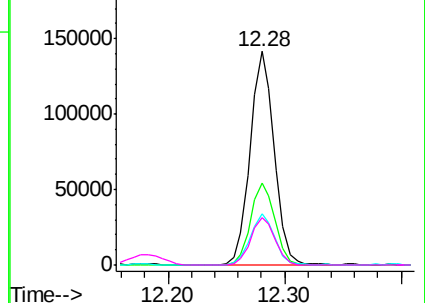


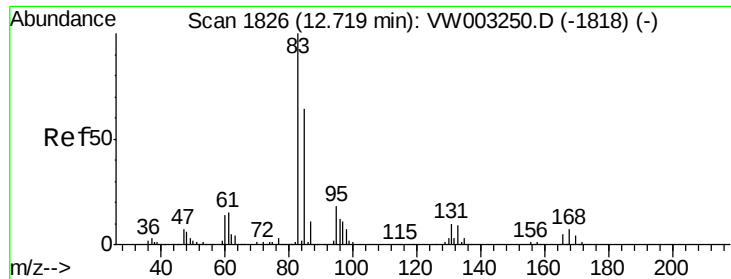
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 54.696 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampled :

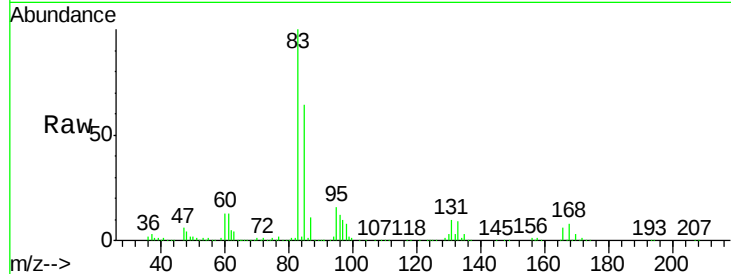
Tot Ion: 83 Resp: 145088

Ion Ratio Lower Upper

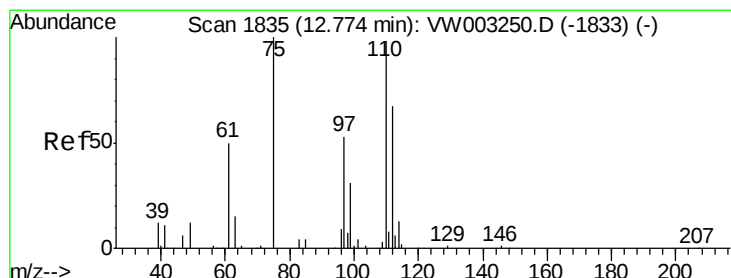
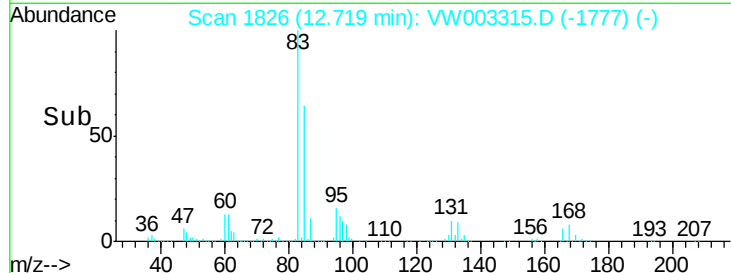
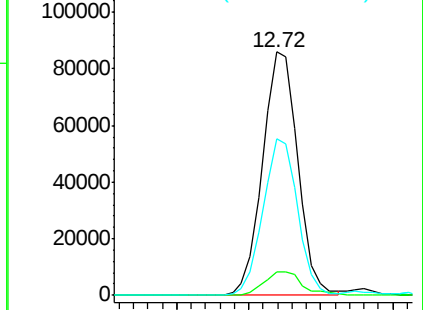
83 100

131 10.9 5.4 16.2

85 63.7 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 100.007 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003315.D

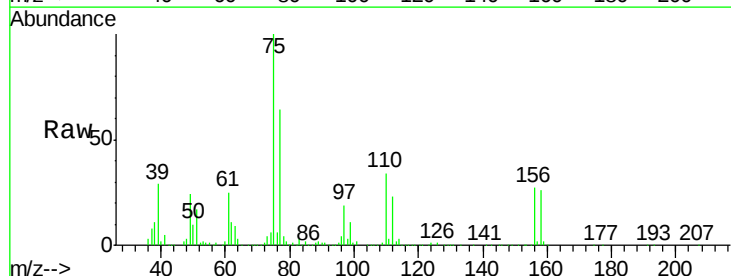
Acq: 16 Jun 2018 01:20

Tgt Ion: 75 Resp: 192728

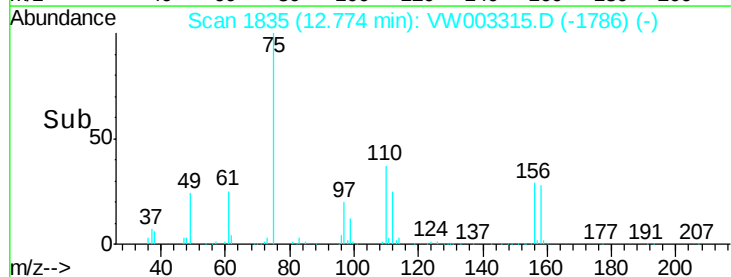
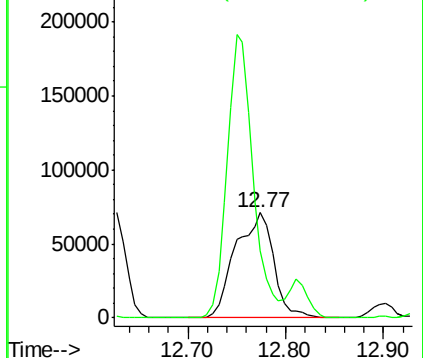
Ion Ratio Lower Upper

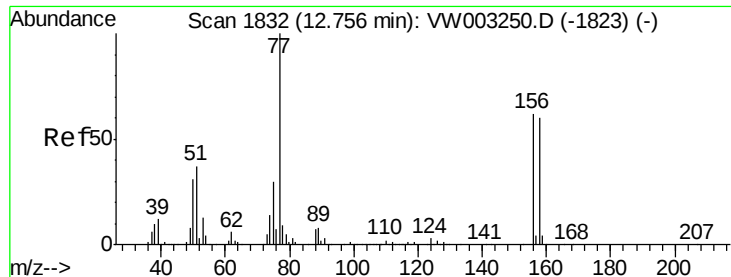
75 100

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: 50.048 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampled :

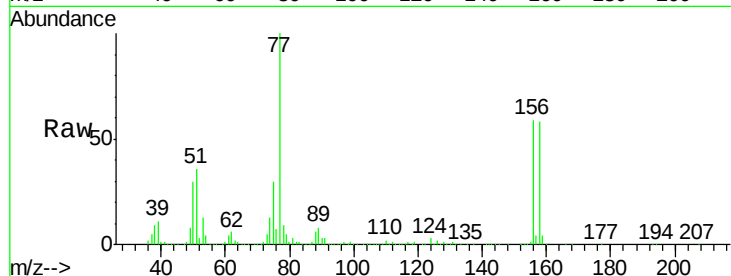
Tot Ion:156 Resp: 182753

Ion Ratio Lower Upper

156 100

77 191.4 92.3 276.9

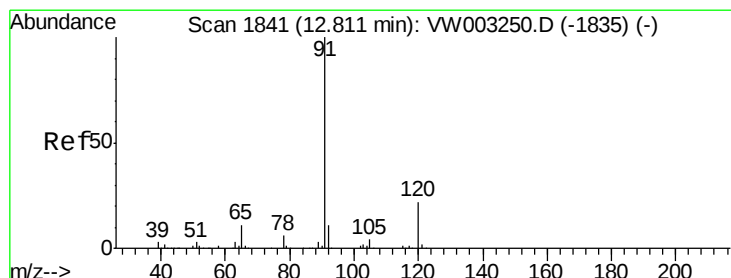
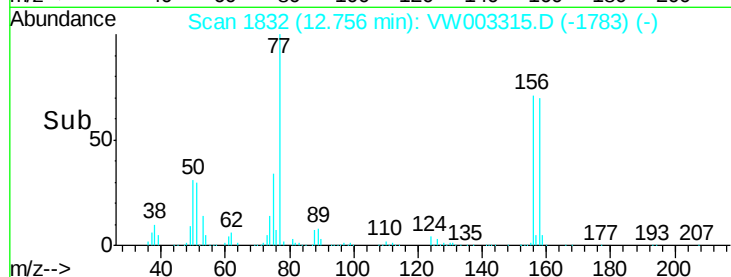
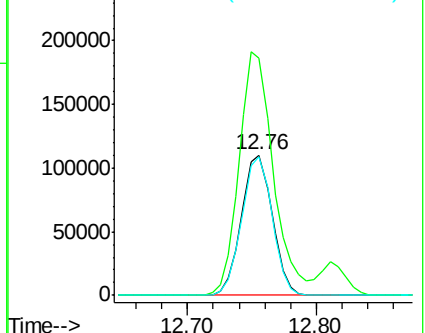
158 97.1 47.5 142.6



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: 49.879 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003315.D

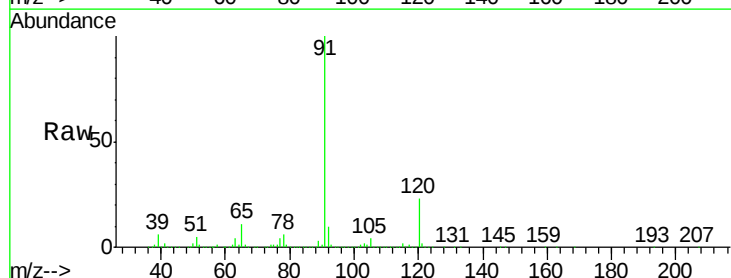
Acq: 16 Jun 2018 01:20

Tgt Ion: 91 Resp: 957641

Ion Ratio Lower Upper

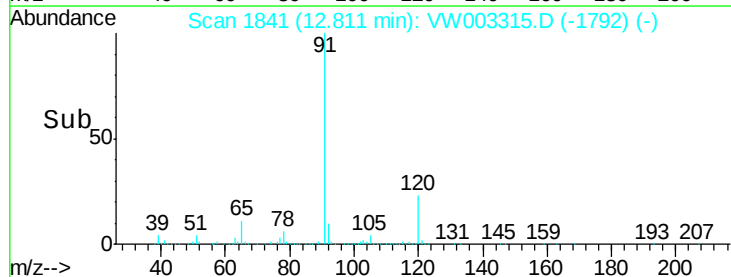
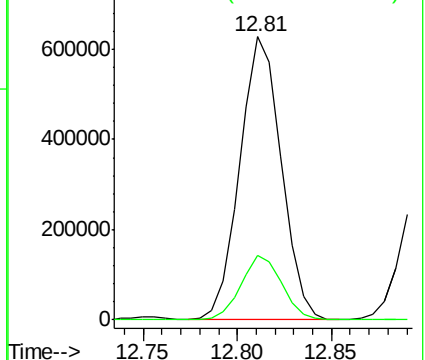
91 100

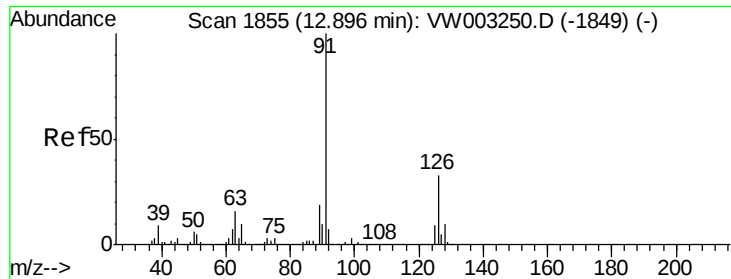
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.024 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

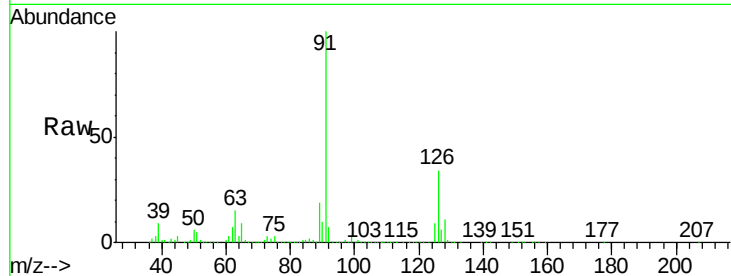
ClientSampleId :

Tot Ion: 91 Resp: 542755

Ion Ratio Lower Upper

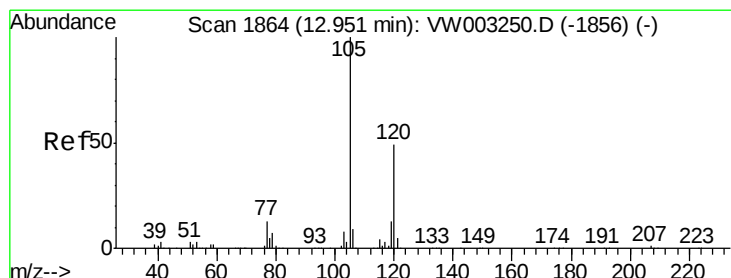
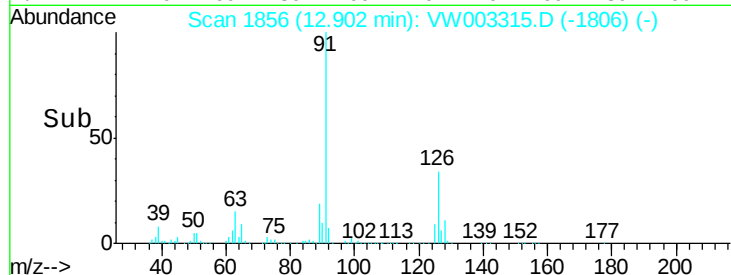
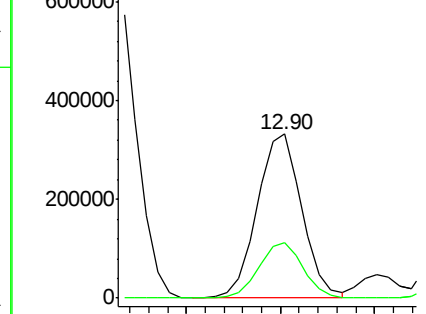
91 100

126 33.5 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: 50.617 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003315.D

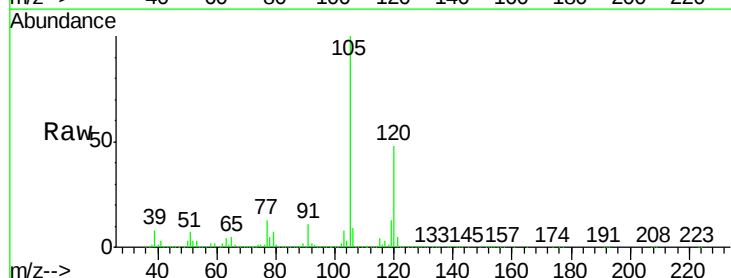
Acq: 16 Jun 2018 01:20

Tgt Ion: 105 Resp: 666165

Ion Ratio Lower Upper

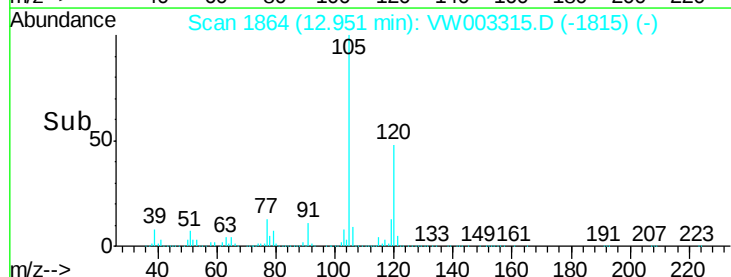
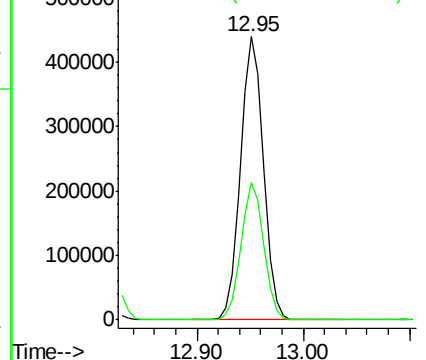
105 100

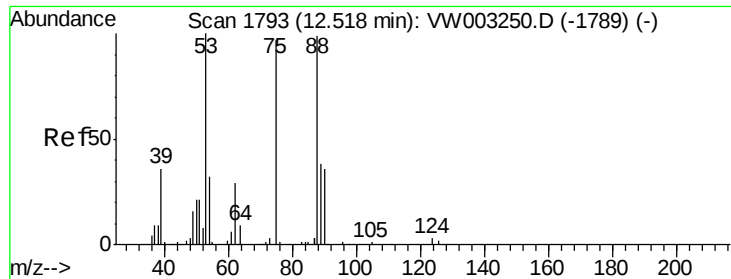
120 47.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

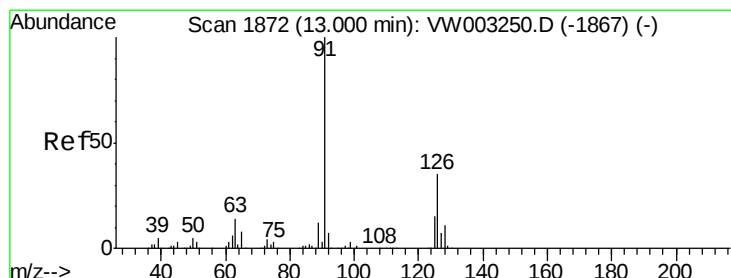
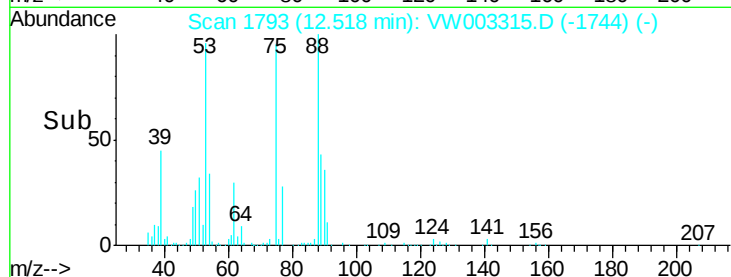
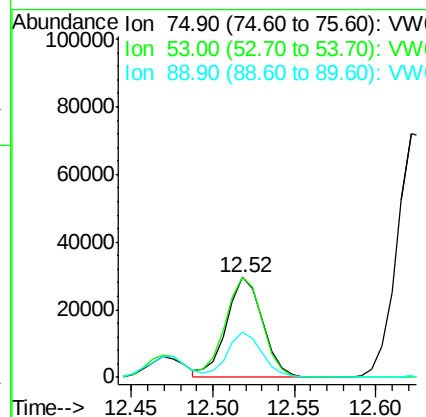
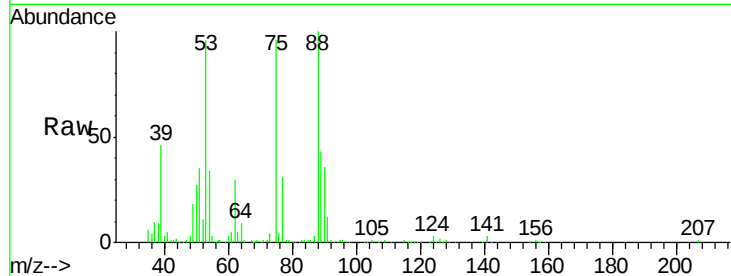




#81
trans-1,4-Dichloro-2-butene
Concen: 53.945 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

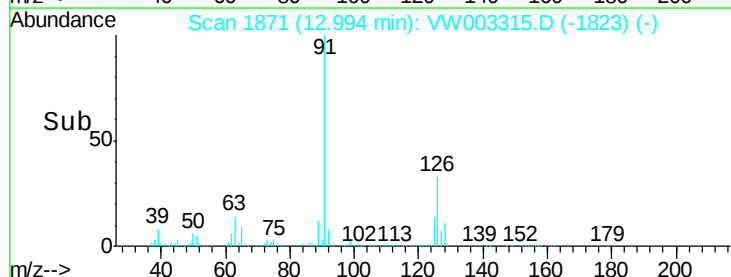
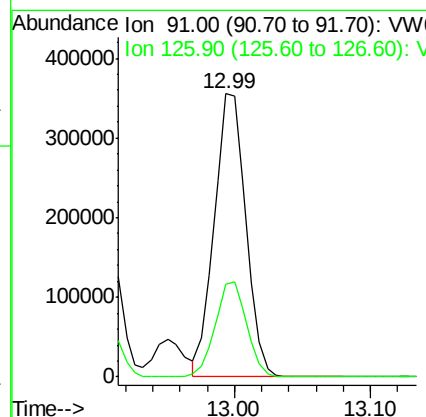
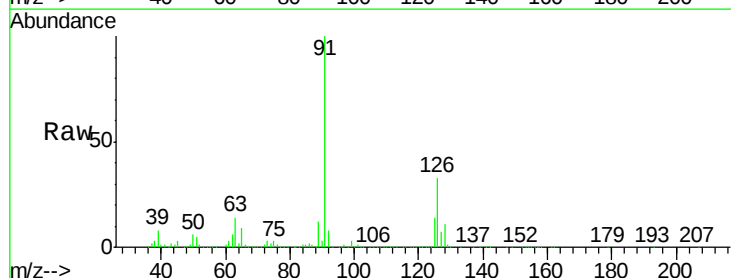
Instrument :
MSVOA_W
ClientSampleId :

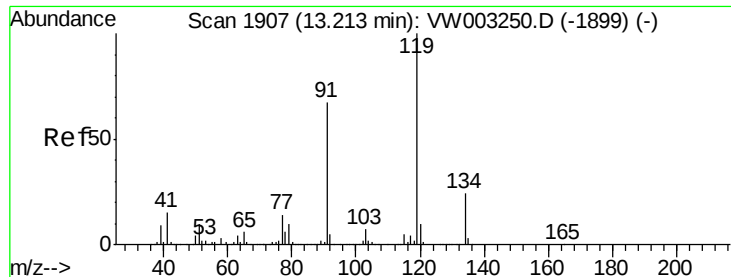
Tot Ion: 75 Resp: 45179
Ion Ratio Lower Upper
75 100
53 102.5 82.9 124.3
89 43.9 36.7 55.1



#82
4-Chlorotoluene
Concen: 49.407 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 91 Resp: 568665
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3

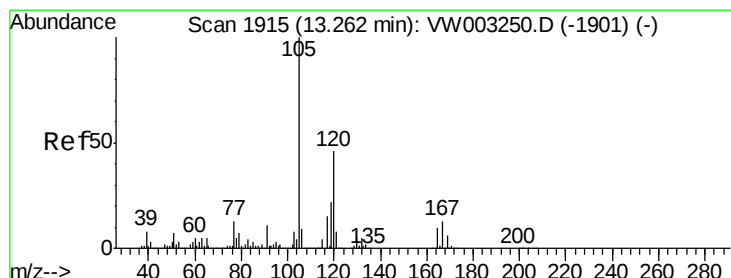
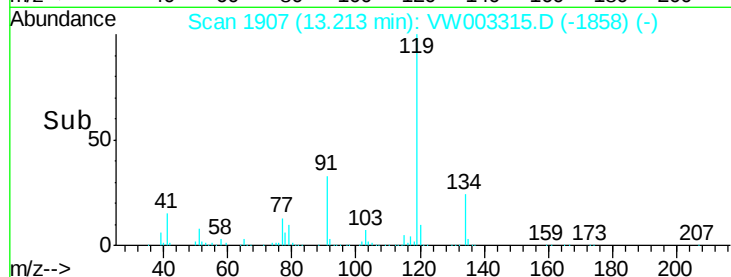
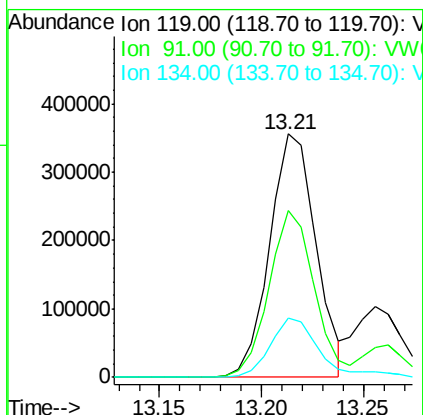
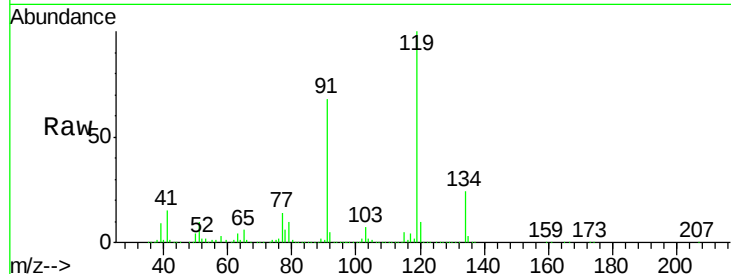




#83
tert-Butylbenzene
Concen: 50.193 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

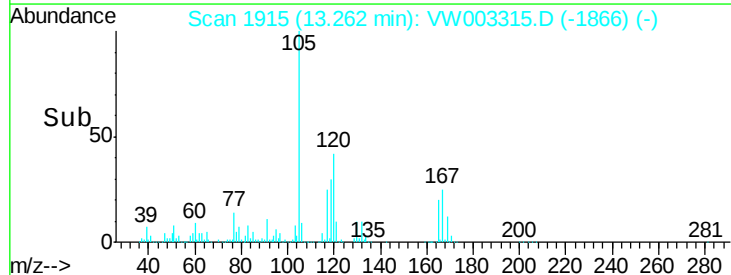
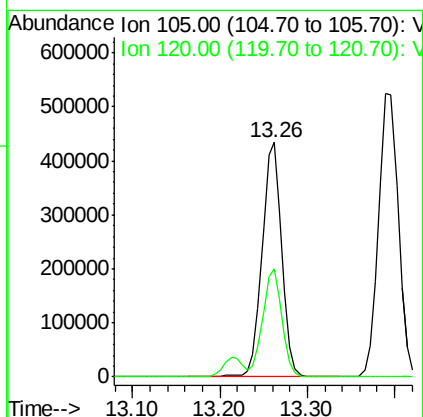
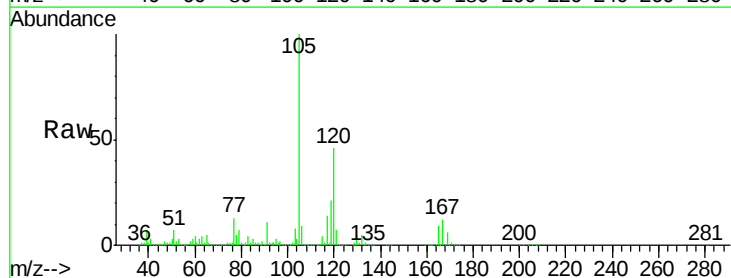
Instrument :
MSVOA_W
ClientSampleId :

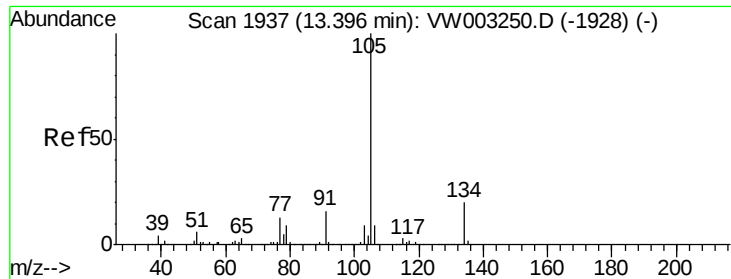
Tot Ion:119 Resp: 562967
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.7
134 26.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 50.051 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion:105 Resp: 677598
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 49.322 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

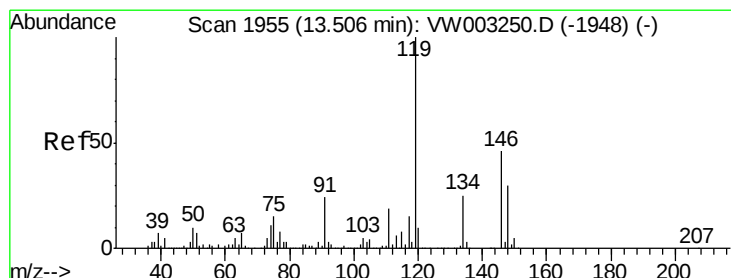
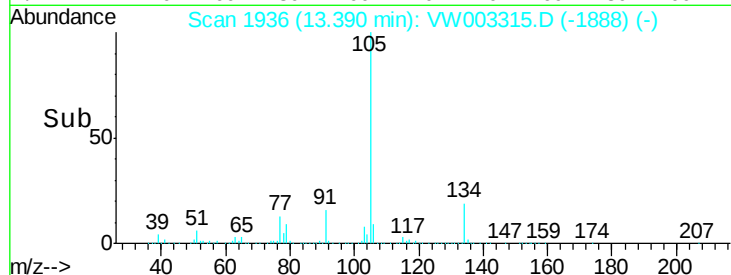
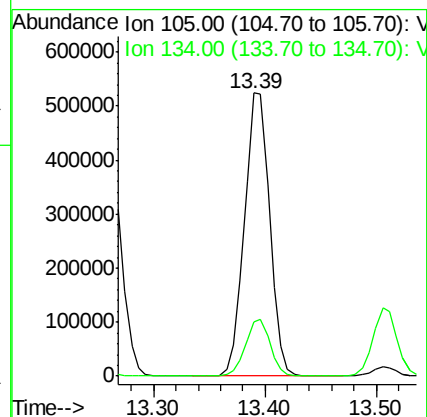
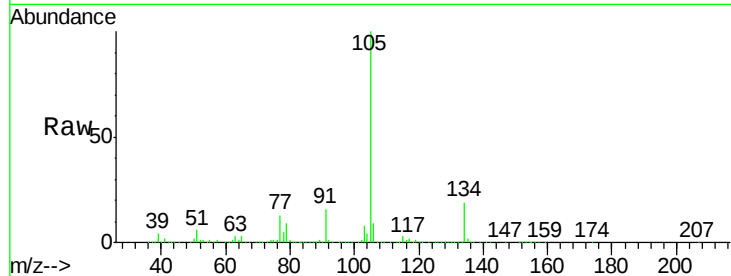
ClientSampleId :

Tot Ion:105 Resp: 822269

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 49.148 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

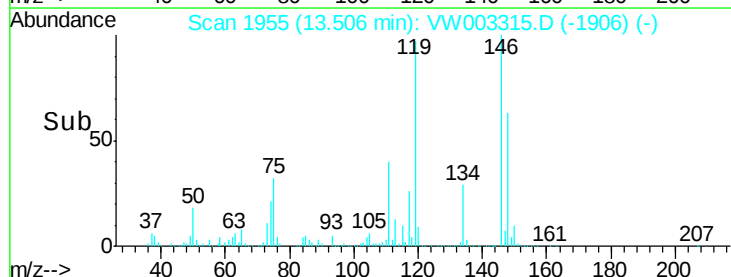
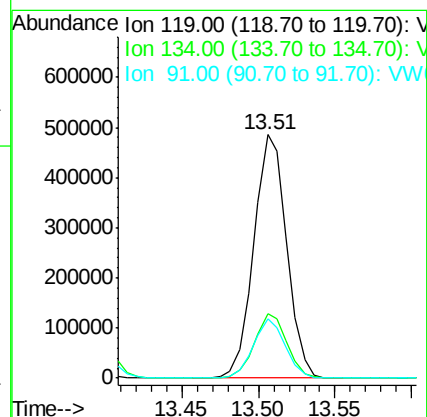
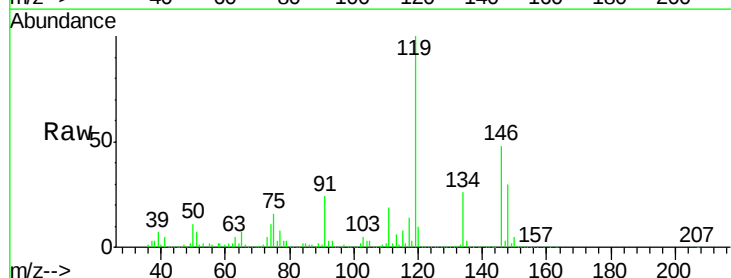
Tgt Ion:119 Resp: 722680

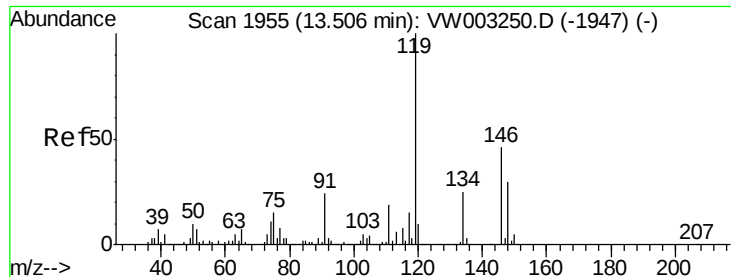
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.790 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

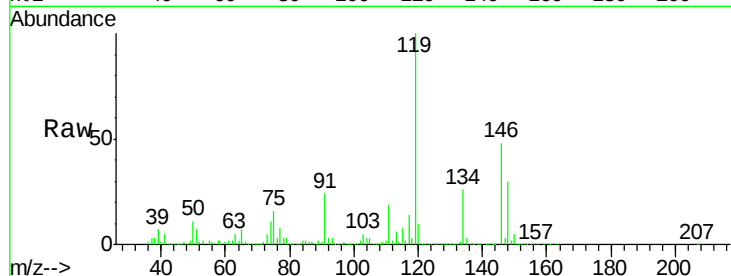
Tot Ion:146 Resp: 365992

Ion Ratio Lower Upper

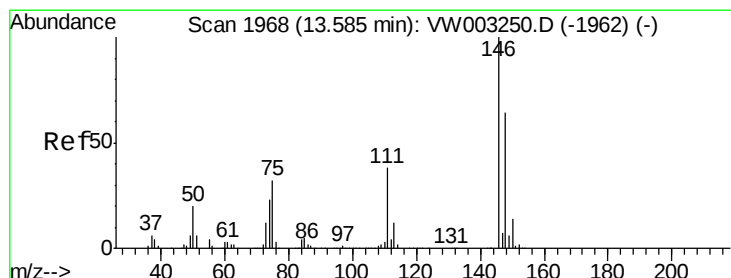
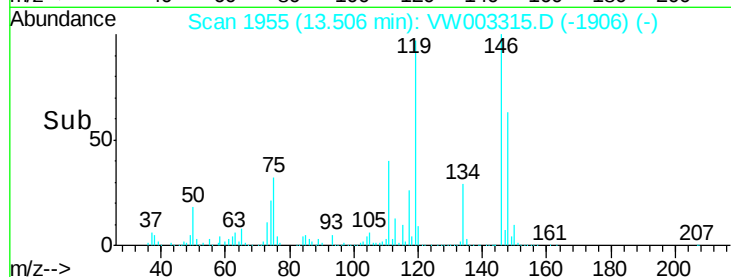
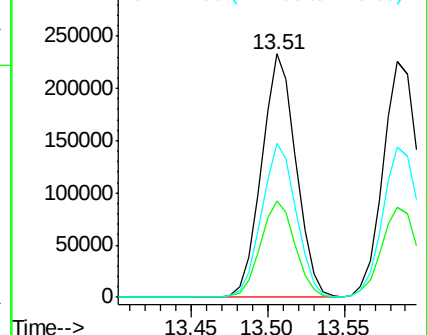
146 100

111 39.6 19.8 59.4

148 63.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.504 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003315.D

Acq: 16 Jun 2018 01:20

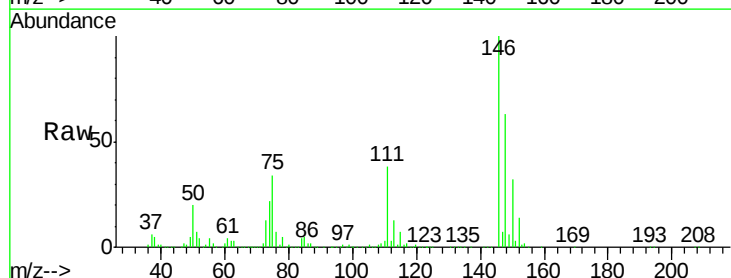
Tgt Ion:146 Resp: 361721

Ion Ratio Lower Upper

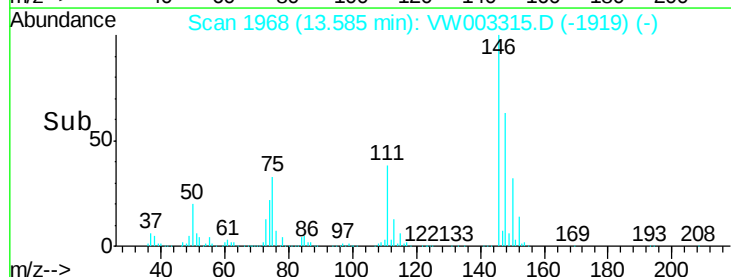
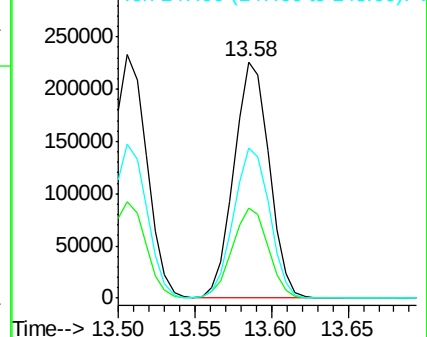
146 100

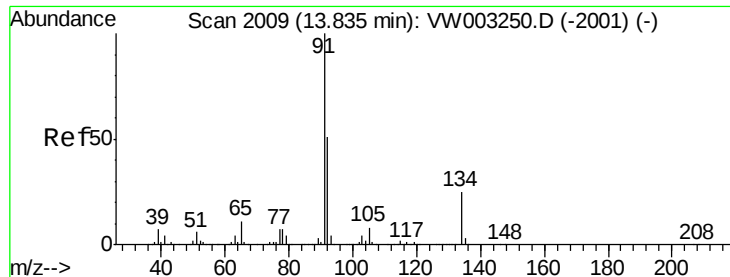
111 38.7 19.2 57.6

148 64.5 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

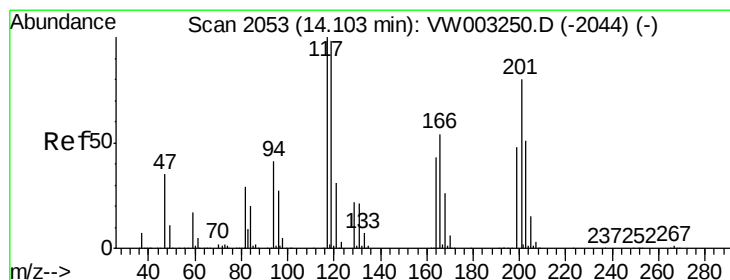
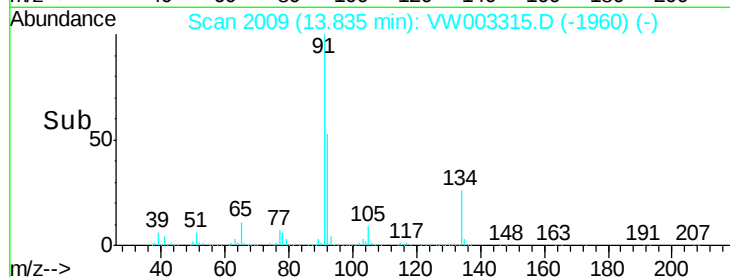
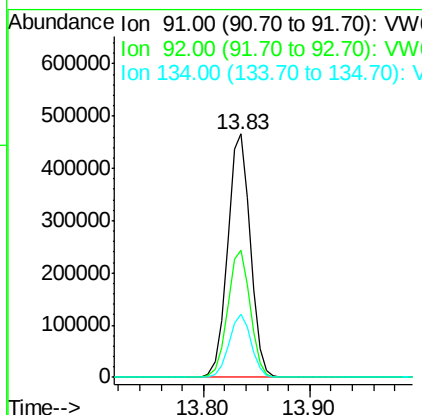
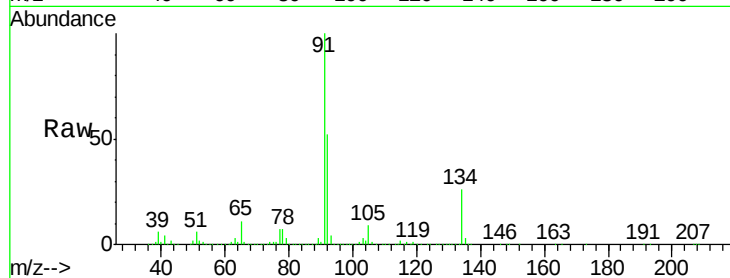




#89
n-Butylbenzene
Concen: 48.315 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

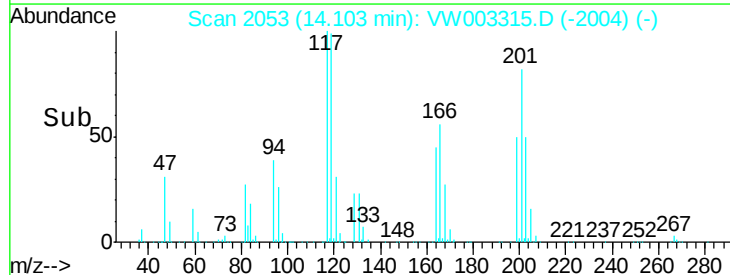
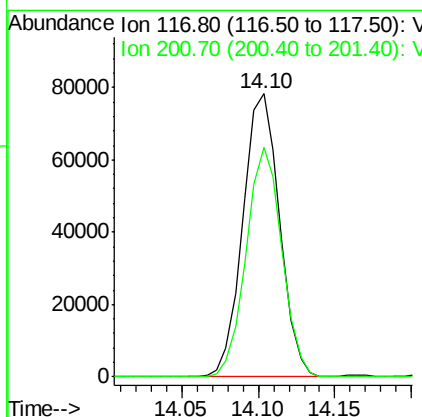
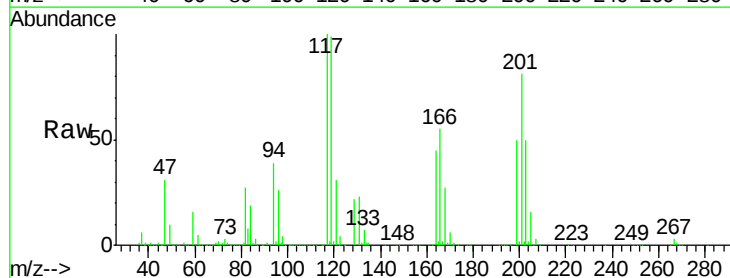
Instrument :
MSVOA_W
ClientSampled :

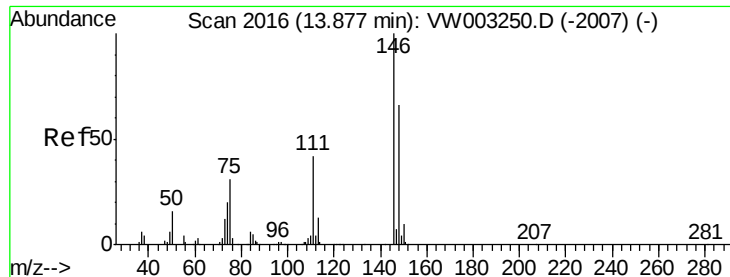
Tot Ion: 91 Resp: 692500
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 25.4 12.7 38.0



#90
Hexachloroethane
Concen: 48.986 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion: 117 Resp: 130299
Ion Ratio Lower Upper
117 100
201 79.0 39.5 118.5

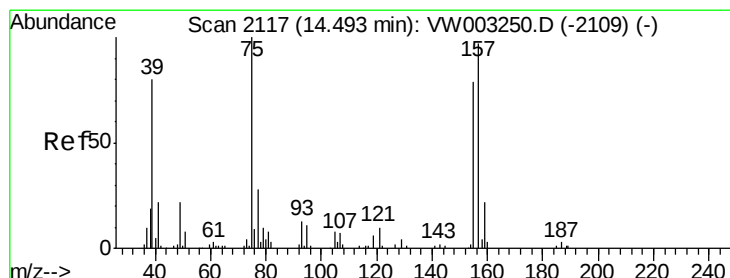
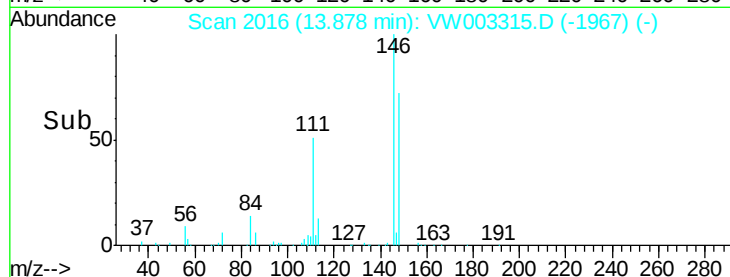
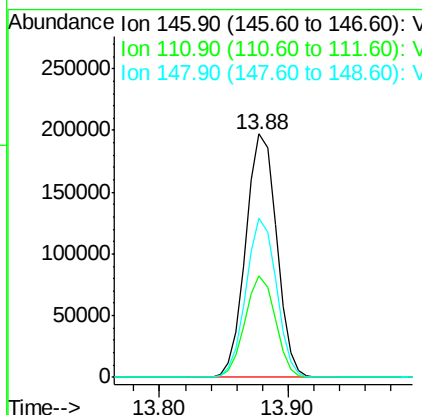
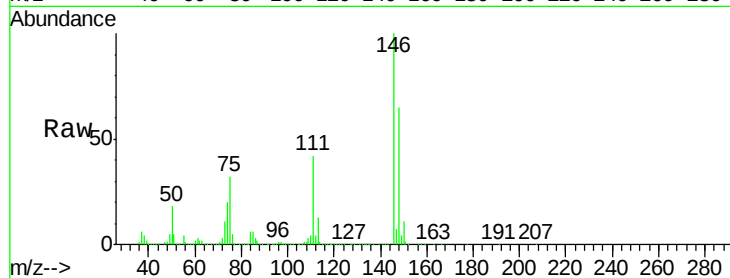




#91
 1,2-Dichlorobenzene
 Concen: 49.656 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

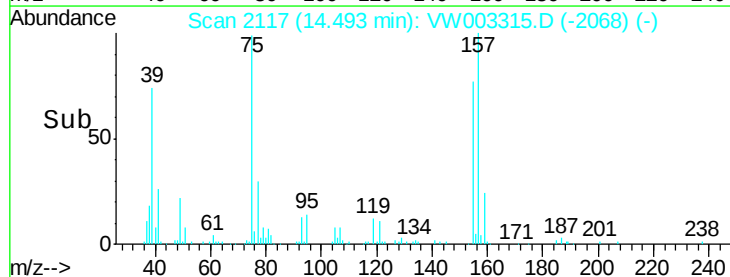
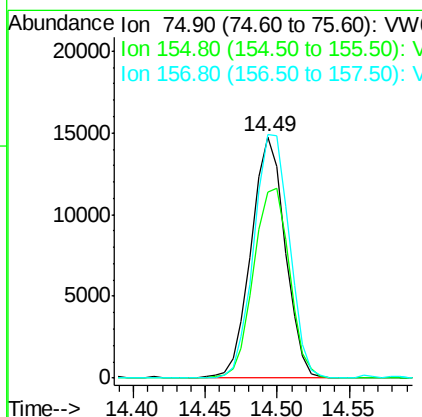
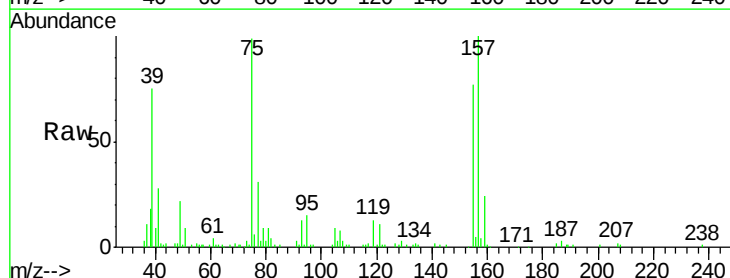
Instrument :
 MSVOA_W
 ClientSampled :

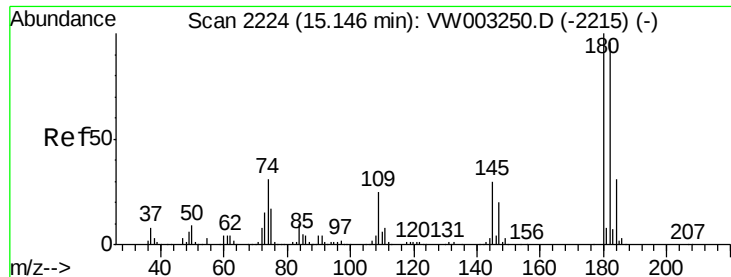
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	61.0
148	64.2	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.739 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	39.4	118.2
157	105.6	51.5	154.5

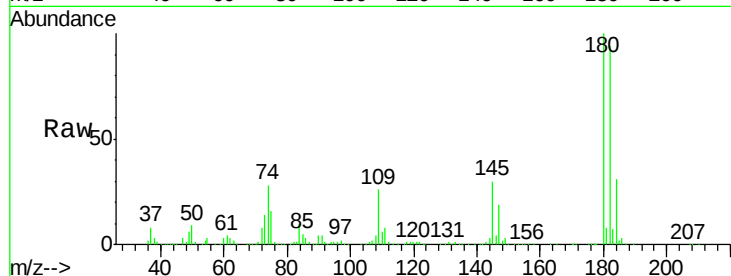




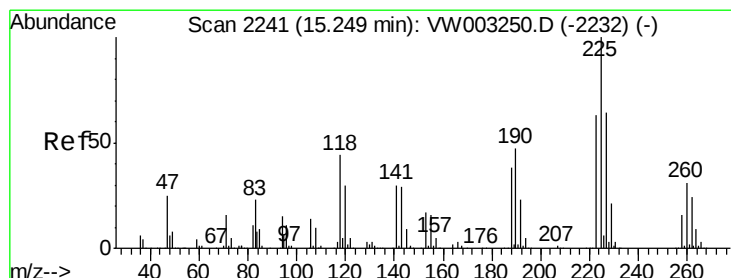
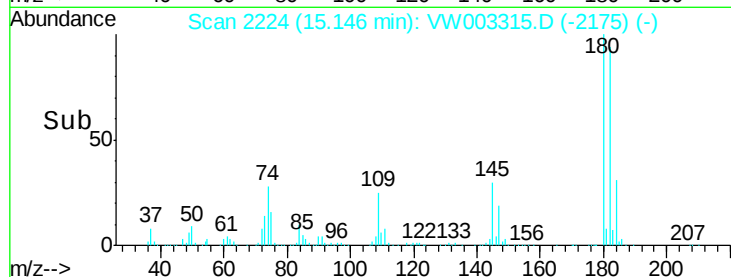
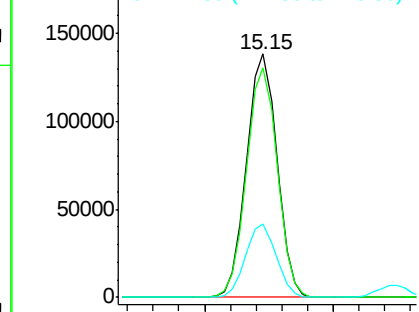
#93
 1,2,4-Trichlorobenzene
 Concen: 48.990 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	30.4	15.2	45.5

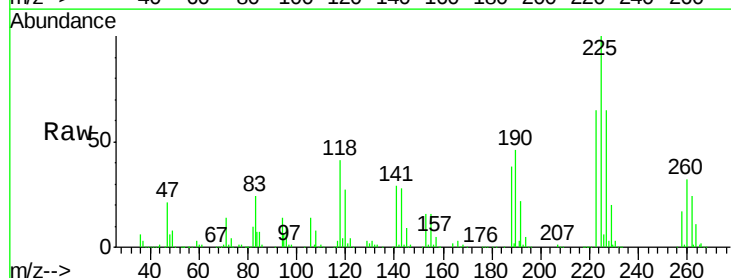


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

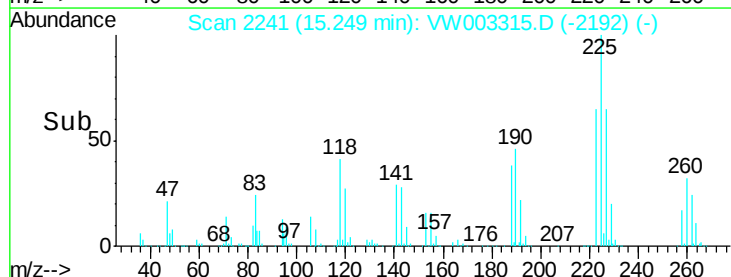
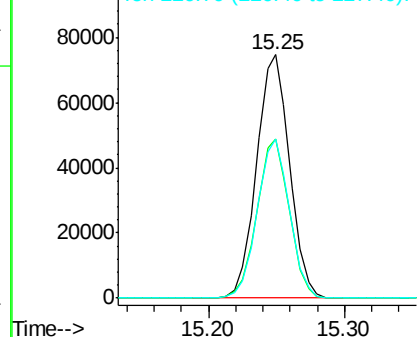


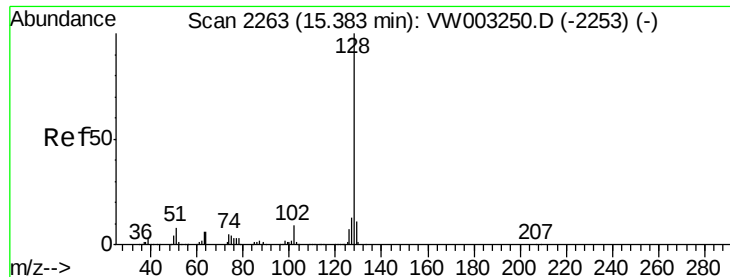
#94
 Hexachlorobutadiene
 Concen: 45.677 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003315.D
 Acq: 16 Jun 2018 01:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.6	92.0
227	63.7	31.7	95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

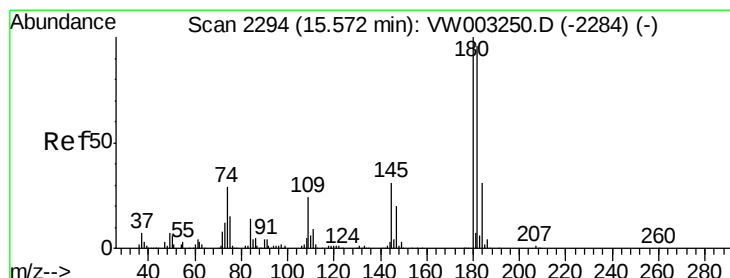
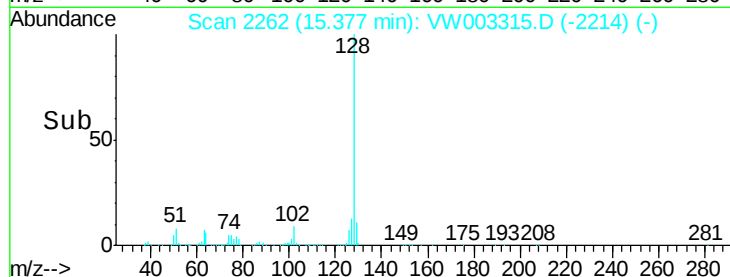
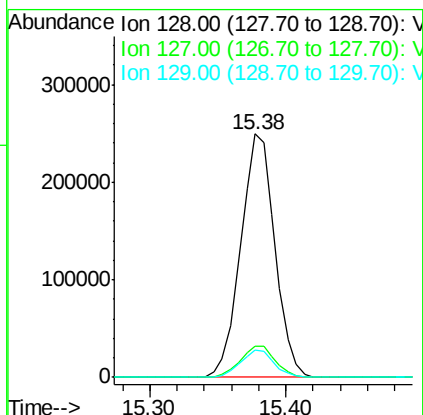
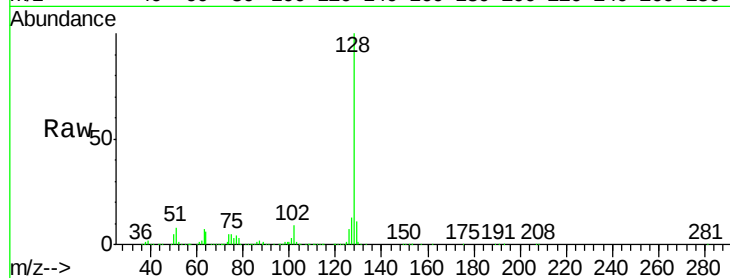




#95
Naphthalene
Concen: 55.714 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 435958
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.841 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003315.D
Acq: 16 Jun 2018 01:20

Tgt Ion:180 Resp: 198310
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 32.5 15.8 47.4

