

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003265.D
 Acq On : 14 Jun 2018 20:32
 Operator : VA/AP
 Sample : VW0615SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

Quant Time: Jun 15 06:45:06 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	250634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	358520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140505	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.88	113	124680	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.33	98	491632	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.63	95	175427	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15875	20.951	ug/l	91
3) Chloromethane	2.21	50	42073	21.976	ug/l	93
4) Vinyl Chloride	2.36	62	56484	20.239	ug/l	99
5) Bromomethane	2.78	94	40816	22.003	ug/l	93
6) Chloroethane	2.92	64	41081	21.146	ug/l	100
7) Trichlorofluoromethane	3.25	101	33505	20.039	ug/l	96
8) Diethyl Ether	3.68	74	24701	20.111	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47361	20.399	ug/l	99
10) Methyl Iodide	4.26	142	71531	20.372	ug/l	99
11) Tert butyl alcohol	5.23	59	4673	32.096	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	45931	20.244	ug/l	94
13) Acrolein	3.90	56	21168	101.690	ug/l	99
14) Allyl chloride	4.66	41	77707	19.772	ug/l	100
15) Acrylonitrile	5.37	53	52186	103.269	ug/l	99
16) Acetone	4.15	43	52795	92.726	ug/l	99
17) Carbon Disulfide	4.37	76	133595	19.917	ug/l	97
18) Methyl Acetate	4.68	43	26035	19.275	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	87066	20.489	ug/l	100
20) Methylene Chloride	4.92	84	56503	21.251	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	51087	20.689	ug/l	93
22) Diisopropyl ether	6.31	45	162491	20.544	ug/l	94
23) Vinyl Acetate	6.26	43	462562	101.483	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96939	20.645	ug/l	99
25) 2-Butanone	7.18	43	70459	99.520	ug/l	97
26) 2,2-Dichloropropane	7.17	77	62137	19.828	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	55408	20.427	ug/l	99
28) Bromochloromethane	7.51	49	35465	18.150	ug/l	99
29) Tetrahydrofuran	7.54	42	43133	99.684	ug/l	100
30) Chloroform	7.68	83	99743	20.850	ug/l	95
31) Cyclohexane	7.96	56	84887	19.351	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	80085	20.282	ug/l	98
36) 1,1-Dichloropropene	8.09	75	76043	20.294	ug/l	100
37) Ethyl Acetate	7.26	43	32558	20.973	ug/l	99
38) Carbon Tetrachloride	8.07	117	75968	20.668	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003265.D
 Acq On : 14 Jun 2018 20:32
 Operator : VA/AP
 Sample : VW0615SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0615SBS01

Quant Time: Jun 15 06:45:06 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)
39) Methylcyclohexane	9.34	83	85952	19.824	ug/l	98
40) Benzene	8.33	78	214355	20.753	ug/l	99
41) Methacrylonitrile	7.49	41	19489	20.459	ug/l	97
42) 1,2-Dichloroethane	8.40	62	68382	21.131	ug/l	99
43) Isopropyl Acetate	8.43	43	60553	19.645	ug/l	99
44) Trichloroethene	9.09	130	55196	20.167	ug/l	100
45) 1,2-Dichloropropane	9.37	63	56036	21.308	ug/l	96
46) Dibromomethane	9.46	93	28405	21.097	ug/l	99
47) Bromodichloromethane	9.65	83	71012	20.576	ug/l	96
48) Methyl methacrylate	9.44	41	28584	19.732	ug/l	95
49) 1,4-Dioxane	9.50	88	7656	376.595	ug/l	89
51) 4-Methyl-2-Pentanone	10.22	43	158981	101.220	ug/l	99
52) Toluene	10.39	92	136134	20.553	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69733	19.780	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	81767	20.378	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38726	20.411	ug/l	97
56) Ethyl methacrylate	10.65	69	45066	19.560	ug/l	99
57) 1,3-Dichloropropane	10.94	76	67031	20.484	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	106160	102.787	ug/l	100
59) 2-Hexanone	10.98	43	108302	98.704	ug/l	100
60) Dibromochloromethane	11.13	129	46139	20.449	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36859	20.538	ug/l	99
64) Tetrachloroethene	10.87	164	48921	20.401	ug/l	98
65) Chlorobenzene	11.66	112	150112	20.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	53944	20.561	ug/l	100
67) Ethyl Benzene	11.74	91	263337	19.898	ug/l	98
68) m/p-Xylenes	11.85	106	202067	40.166	ug/l	100
69) o-Xylene	12.18	106	94069	20.176	ug/l	99
70) Styrene	12.19	104	158535	20.428	ug/l	99
71) Bromoform	12.35	173	27271	20.056	ug/l #	98
73) Isopropylbenzene	12.47	105	261799	19.260	ug/l	100
74) N-amyl acetate	12.28	43	58756	18.991	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45570	19.816	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	60432	36.172	ug/l #	100
77) Bromobenzene	12.76	156	63774	20.146	ug/l	98
78) n-propylbenzene	12.81	91	325776	19.573	ug/l	99
79) 2-Chlorotoluene	12.90	91	185574	19.729	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	225898	19.799	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13628	18.770	ug/l	98
82) 4-Chlorotoluene	13.00	91	197613	19.805	ug/l	99
83) tert-Butylbenzene	13.21	119	188542	19.391	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	235571	20.072	ug/l	100
85) sec-Butylbenzene	13.39	105	283454	19.612	ug/l	100
86) p-Isopropyltoluene	13.51	119	249639	19.584	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	130204	20.022	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129439	20.021	ug/l	99
89) n-Butylbenzene	13.83	91	240029	19.317	ug/l	99
90) Hexachloroethane	14.10	117	45566	19.760	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	116440	20.441	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7654	19.778	ug/l	99

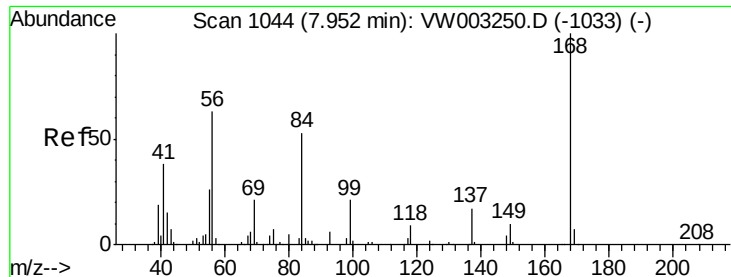
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
Data File : VW003265.D
Acq On : 14 Jun 2018 20:32
Operator : VA/AP
Sample : VW0615SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

Quant Time: Jun 15 06:45:06 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.15	180	79616	19.909	ug/l	99
94) Hexachlorobutadiene	15.25	225	47372	19.693	ug/l	98
95) Naphthalene	15.38	128	131095	19.325	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70203	19.944	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: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

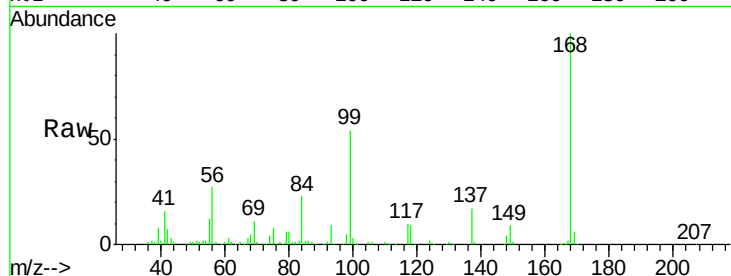
VW0615SBSD01

Tgt Ion:168 Resp: 250634

Ion Ratio Lower Upper

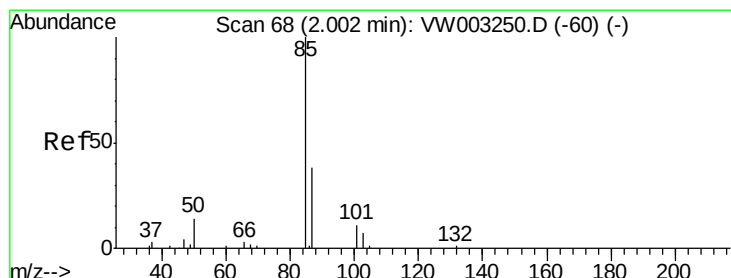
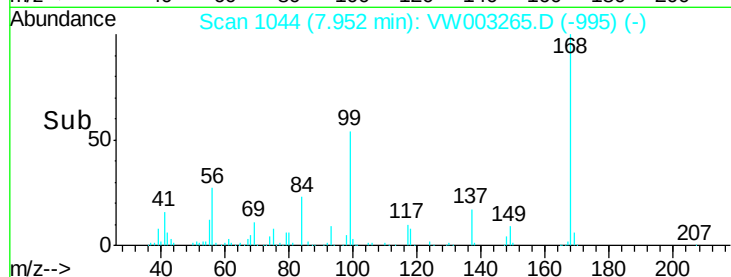
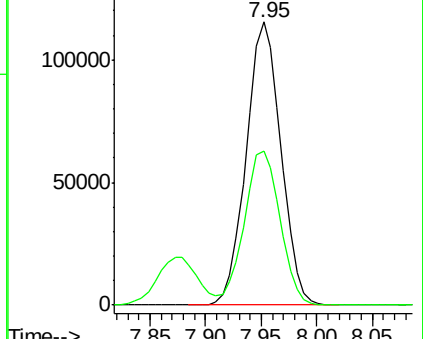
168 100

99 54.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.951 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003265.D

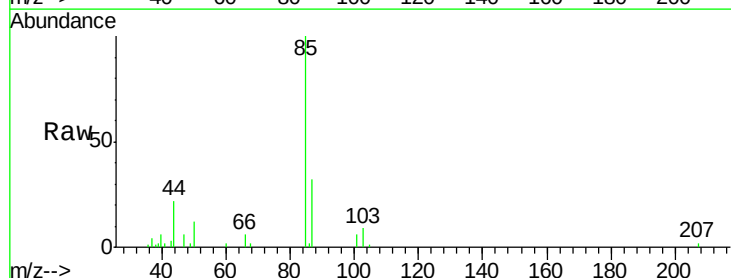
Acq: 14 Jun 2018 20:32

Tgt Ion: 85 Resp: 15875

Ion Ratio Lower Upper

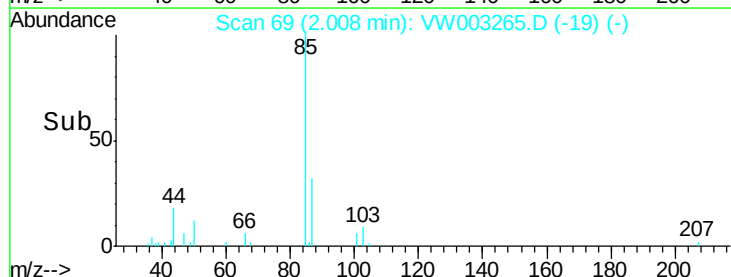
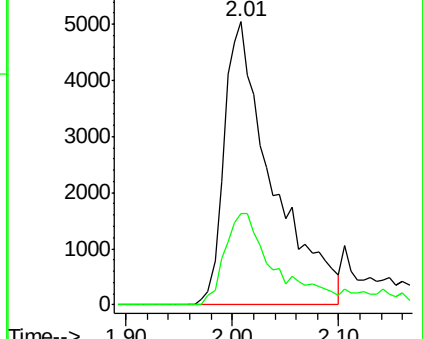
85 100

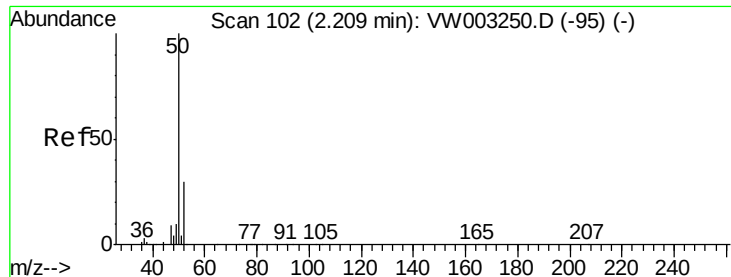
87 32.3 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.976 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

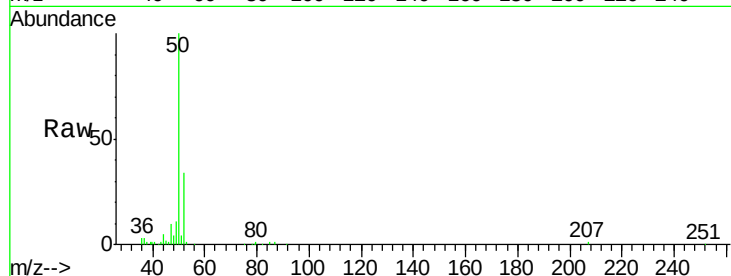
VW0615SBSD01

Tgt Ion: 50 Resp: 42073

Ion Ratio Lower Upper

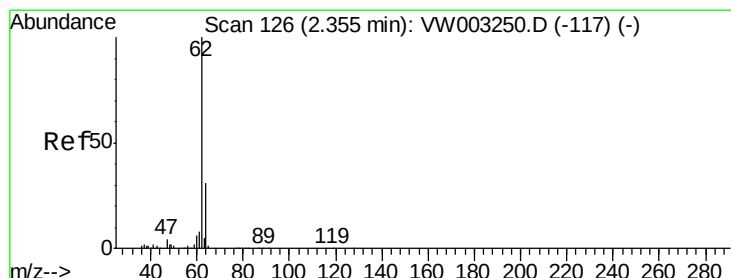
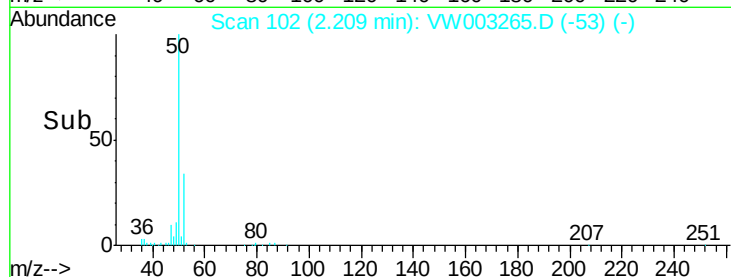
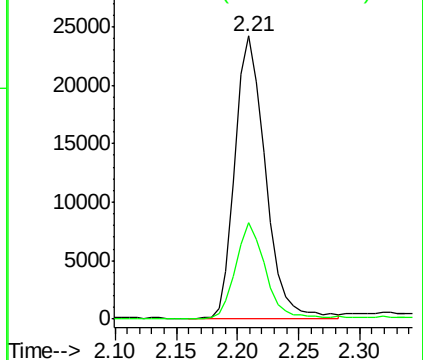
50 100

52 34.2 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.239 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003265.D

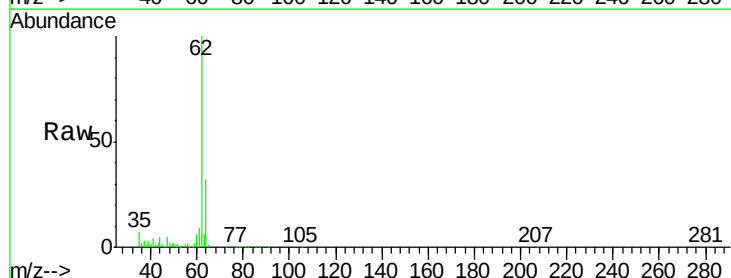
Acq: 14 Jun 2018 20:32

Tgt Ion: 62 Resp: 56484

Ion Ratio Lower Upper

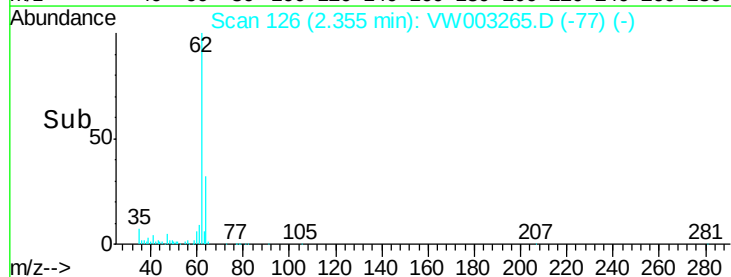
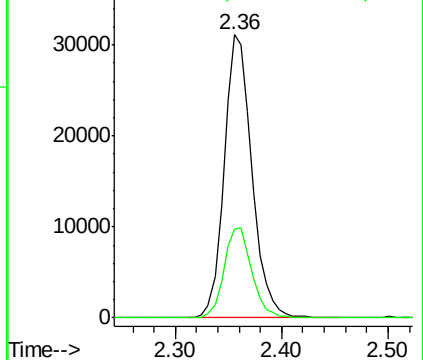
62 100

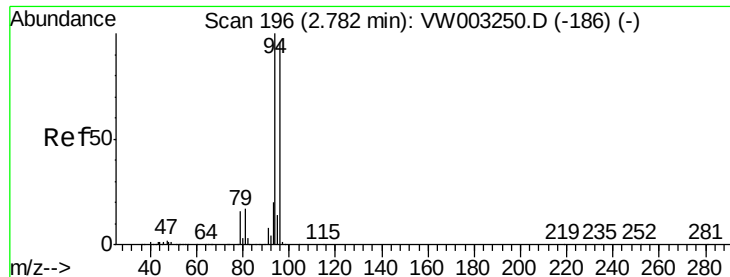
64 31.6 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.003 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

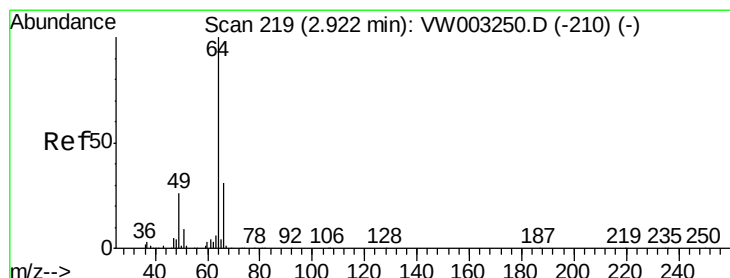
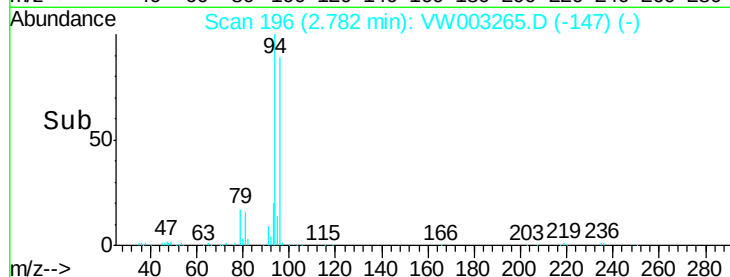
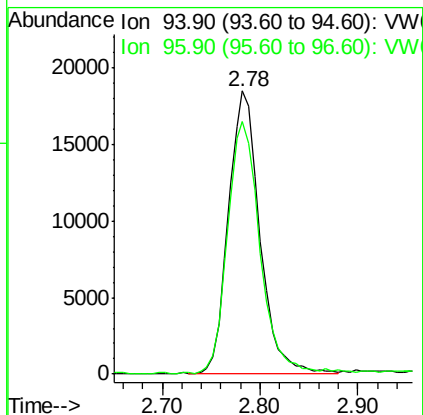
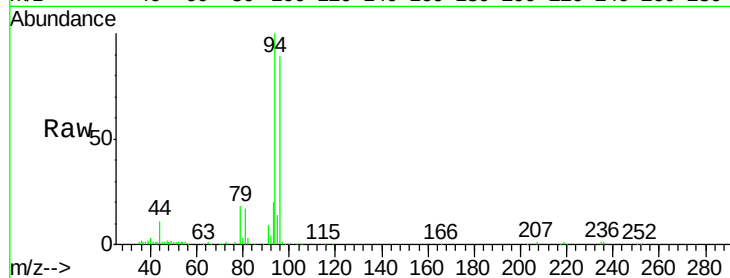
VW0615SBSD01

Tgt Ion: 94 Resp: 40816

Ion Ratio Lower Upper

94 100

96 89.1 76.5 114.7



#6

Chloroethane

Concen: 21.146 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003265.D

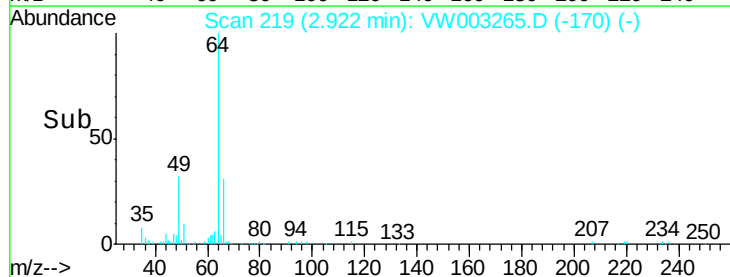
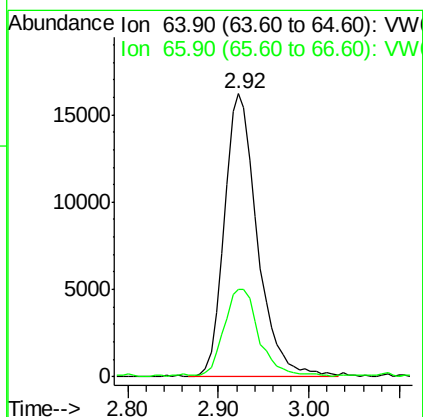
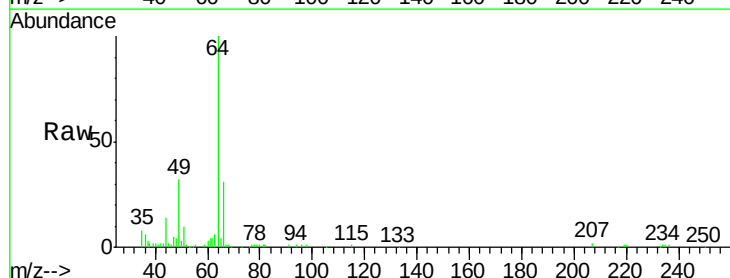
Acq: 14 Jun 2018 20:32

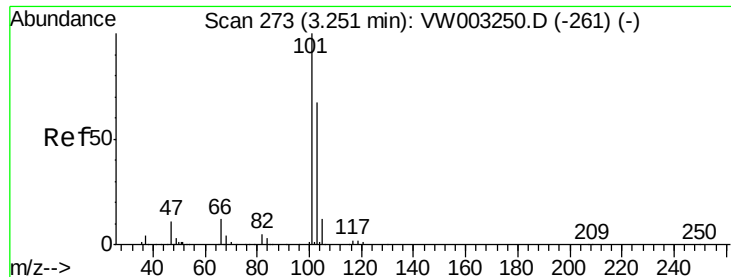
Tgt Ion: 64 Resp: 41081

Ion Ratio Lower Upper

64 100

66 30.5 24.4 36.6



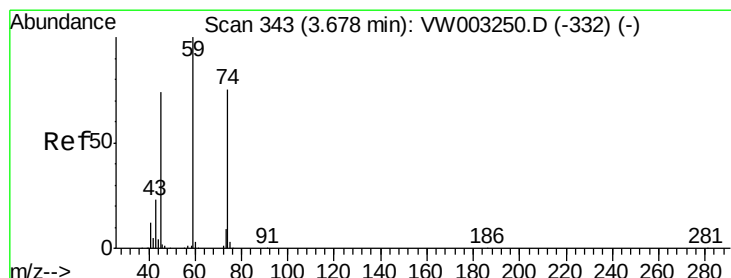
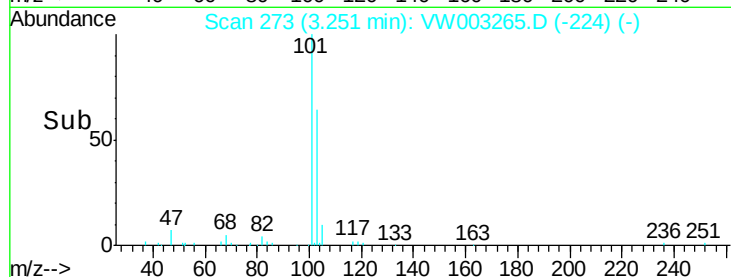
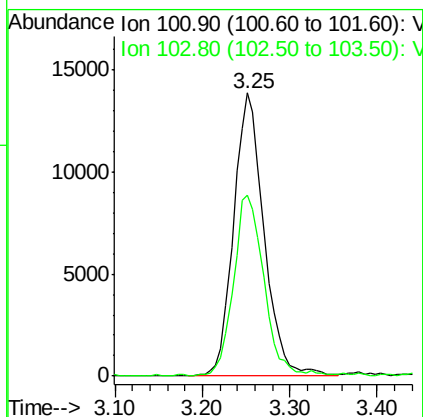
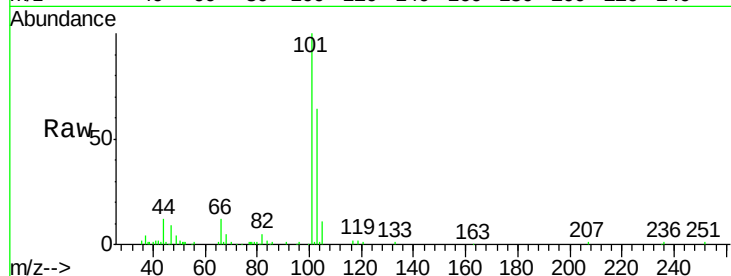


#7

Trichlorofluoromethane
 Concen: 20.039 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

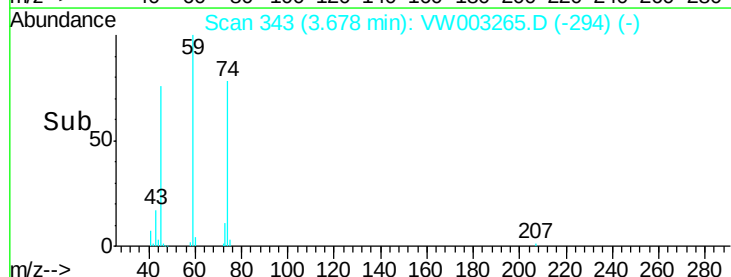
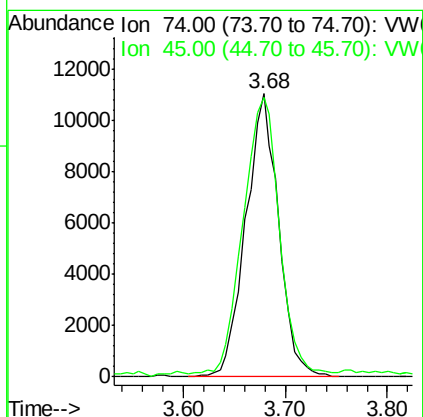
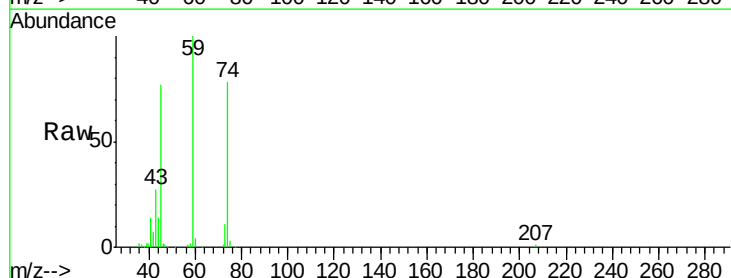
Tgt Ion:101 Resp: 33505
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.4 80.0

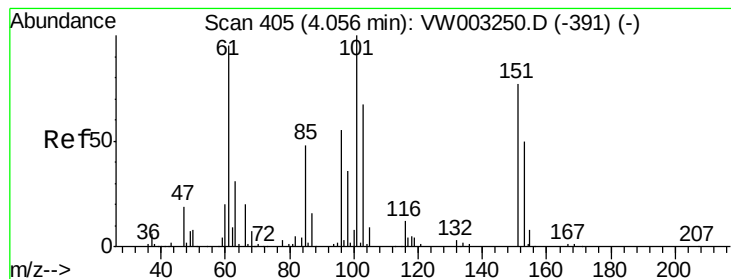


#8

Diethyl Ether
 Concen: 20.111 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 74 Resp: 24701
 Ion Ratio Lower Upper
 74 100
 45 108.8 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.399 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBSD01

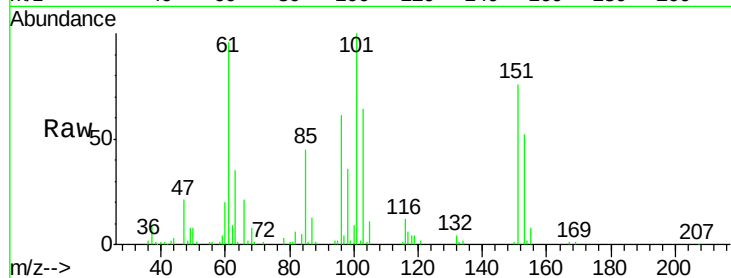
Tgt Ion:101 Resp: 47361

Ion Ratio Lower Upper

101 100

85 47.2 37.0 55.6

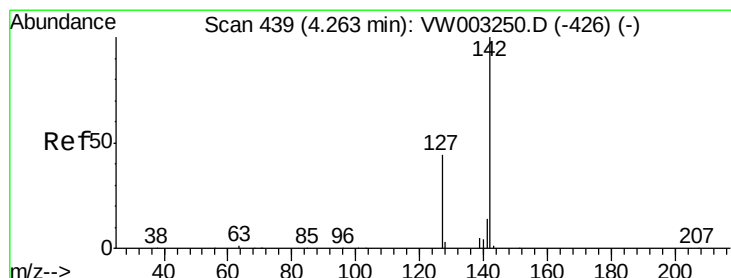
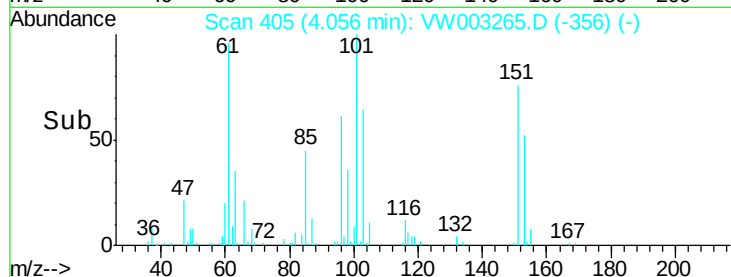
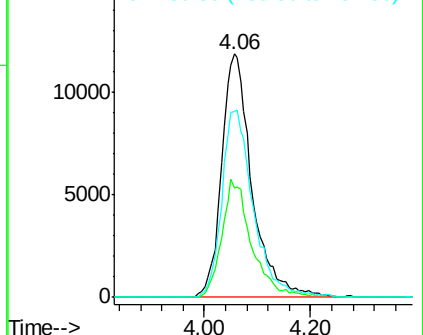
151 79.4 63.3 94.9



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: 20.372 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

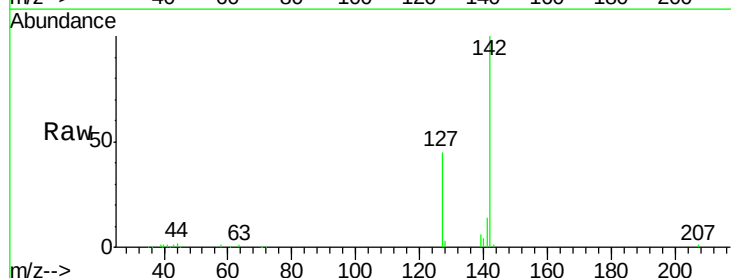
Tgt Ion:142 Resp: 71531

Ion Ratio Lower Upper

142 100

127 46.0 36.5 54.7

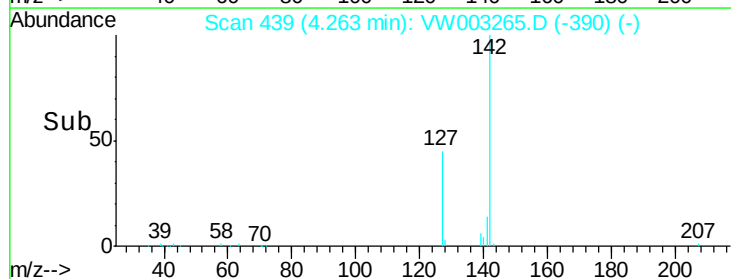
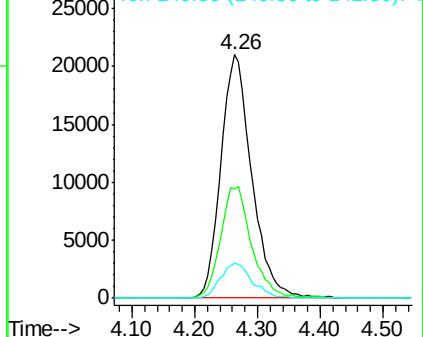
141 14.7 12.1 18.1

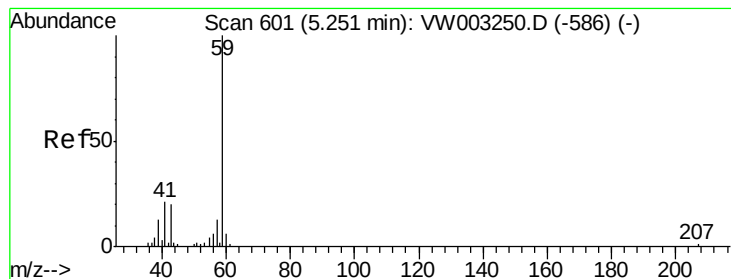


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 32.096 ug/l

RT: 5.23 min Scan# 597

Delta R.T. -0.02 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

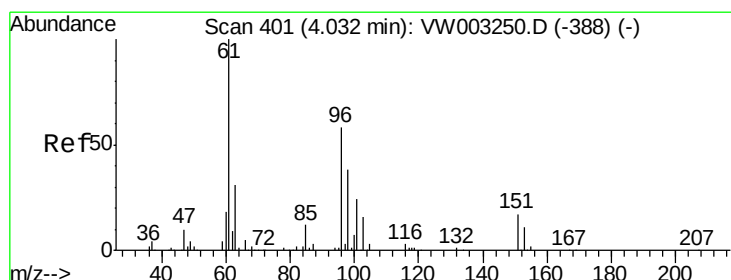
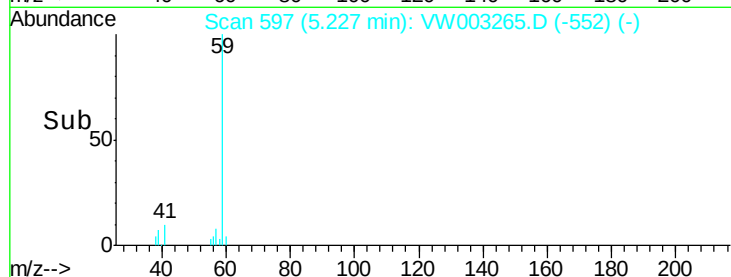
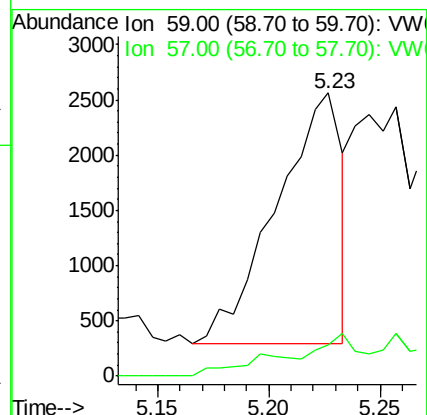
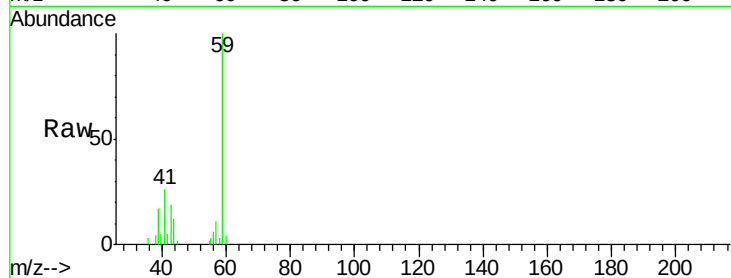
VW0615SBSD01

Tgt Ion: 59 Resp: 4673

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



#12

1,1-Dichloroethene

Concen: 20.244 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

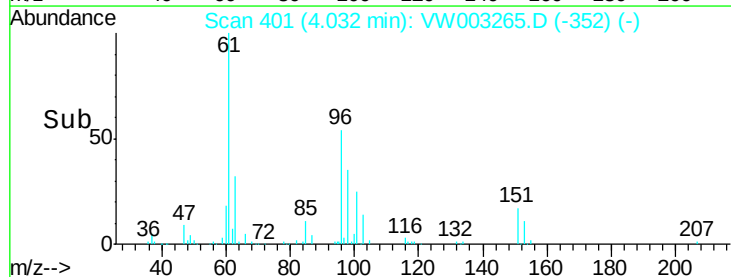
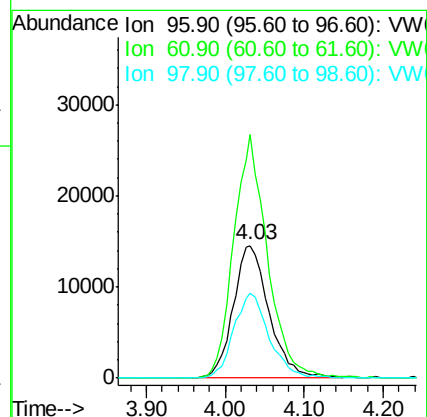
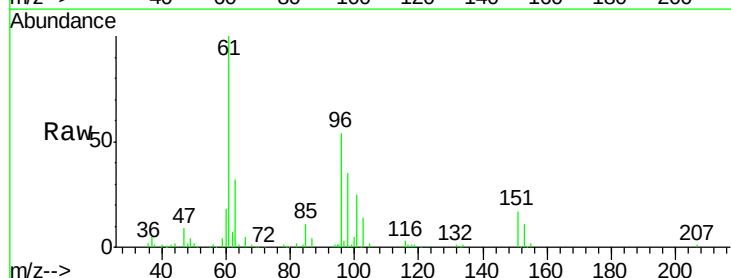
Tgt Ion: 96 Resp: 45931

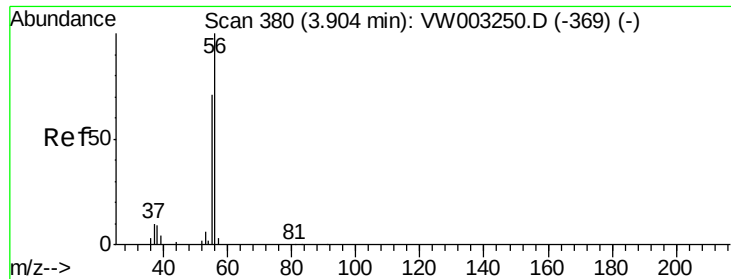
Ion Ratio Lower Upper

96 100

61 184.1 139.0 208.4

98 64.0 53.3 79.9





#13

Acrolein

Concen: 101.690 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

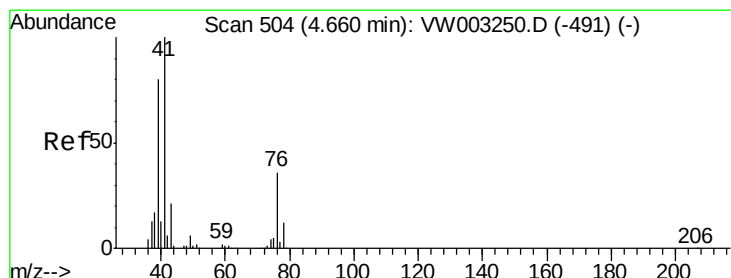
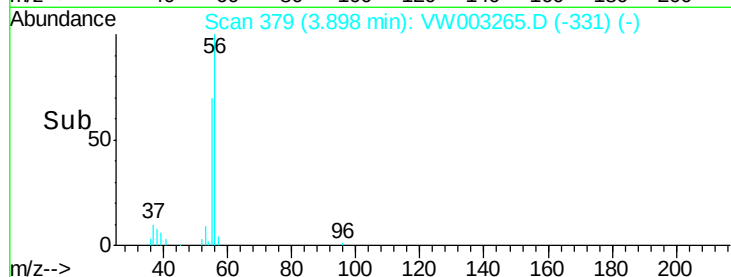
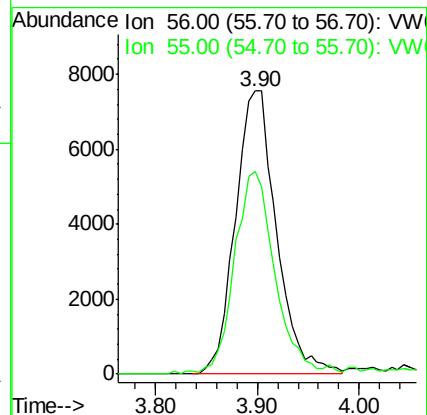
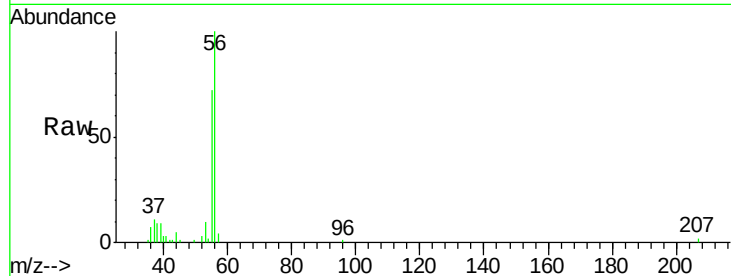
VW0615SBSD01

Tgt Ion: 56 Resp: 21168

Ion Ratio Lower Upper

56 100

55 69.9 55.4 83.2



#14

Allyl chloride

Concen: 19.772 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

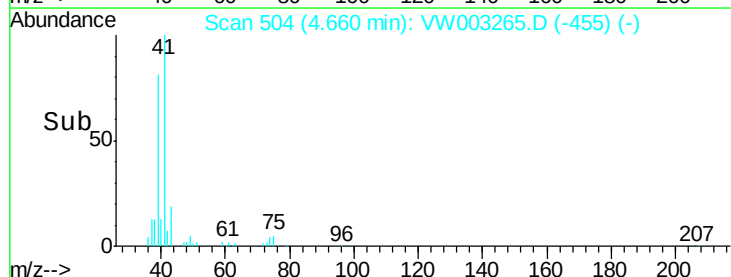
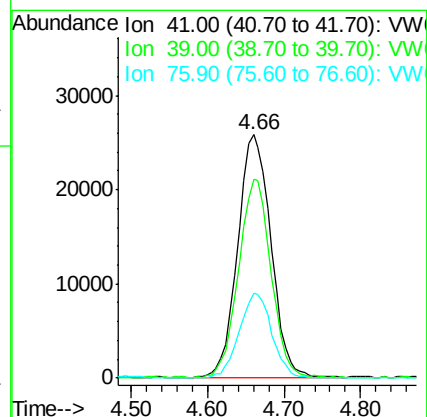
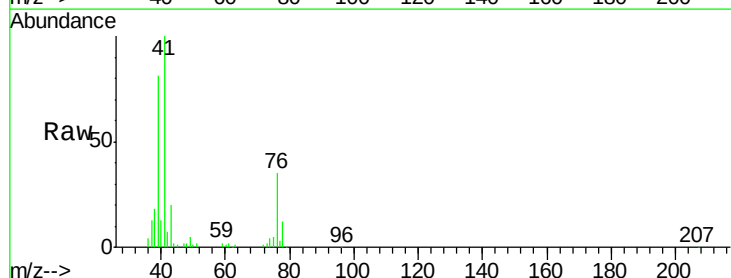
Tgt Ion: 41 Resp: 77707

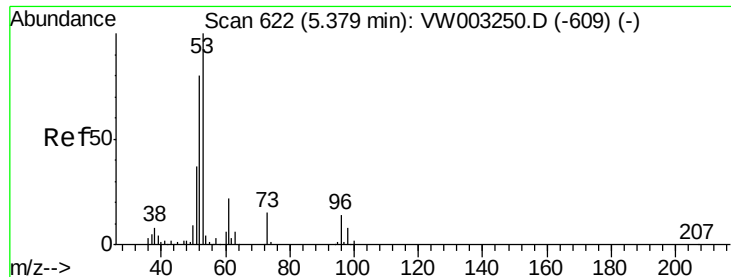
Ion Ratio Lower Upper

41 100

39 79.0 63.2 94.8

76 34.3 28.0 42.0





#15

Acrylonitrile

Concen: 103.269 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBSD01

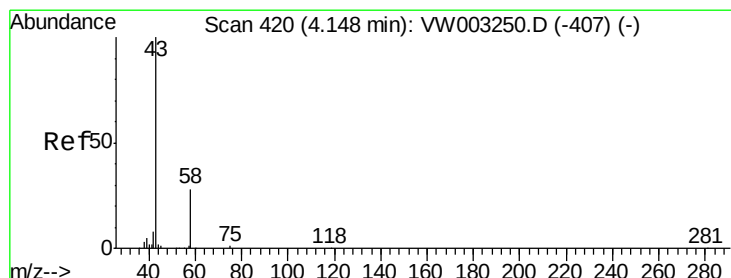
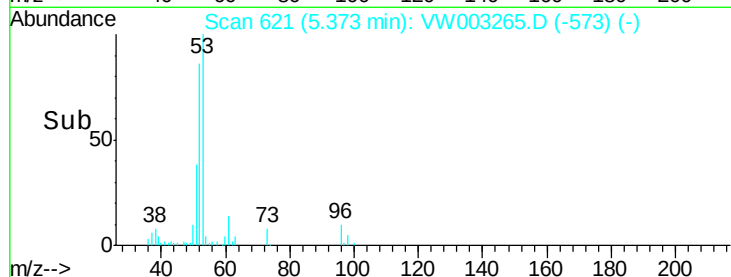
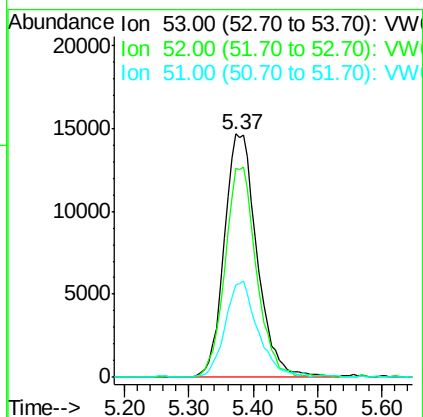
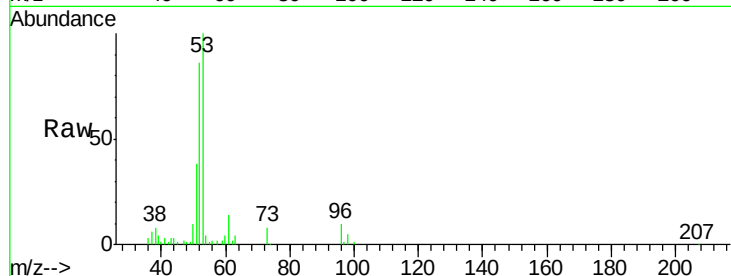
Tgt Ion: 53 Resp: 52186

Ion Ratio Lower Upper

53 100

52 83.0 66.6 100.0

51 39.3 30.6 46.0



#16

Acetone

Concen: 92.726 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003265.D

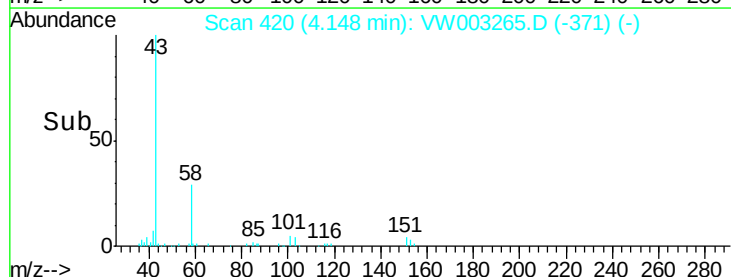
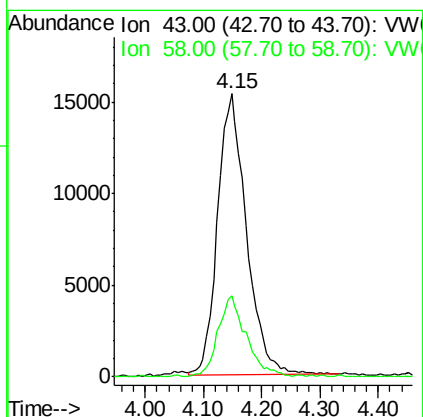
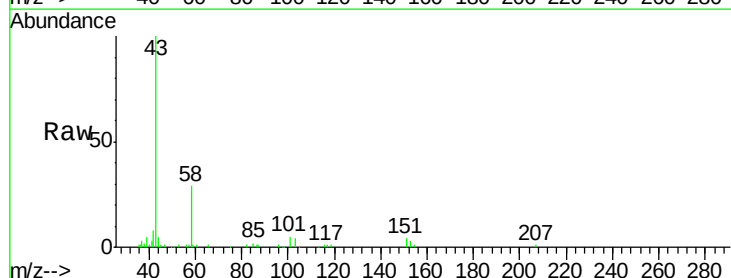
Acq: 14 Jun 2018 20:32

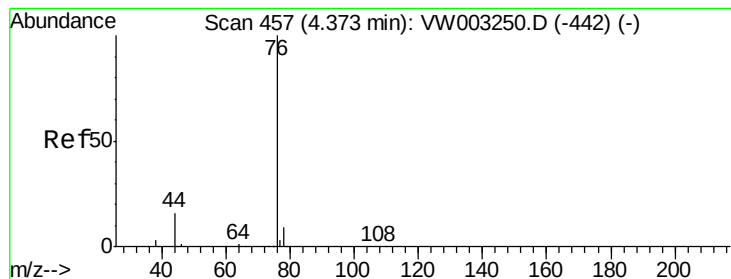
Tgt Ion: 43 Resp: 52795

Ion Ratio Lower Upper

43 100

58 28.8 22.6 34.0





#17

Carbon Disulfide

Concen: 19.917 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

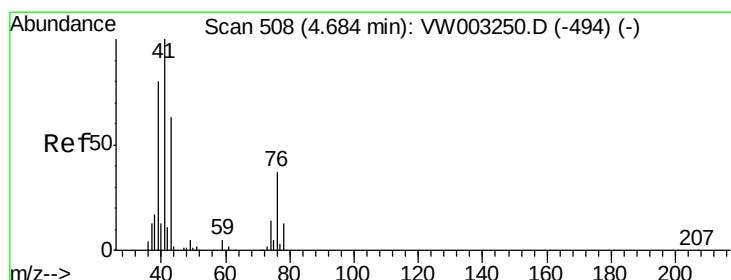
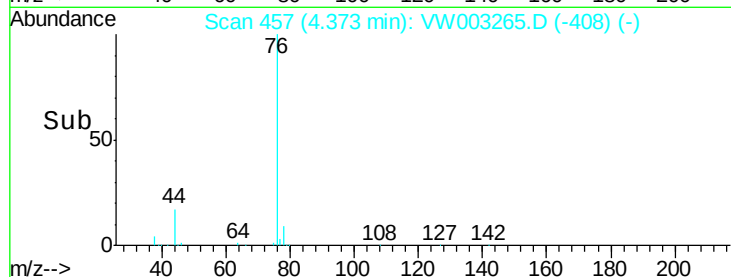
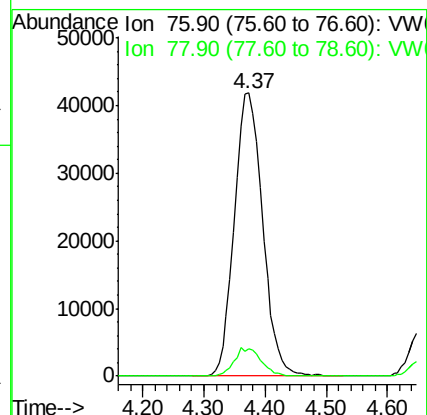
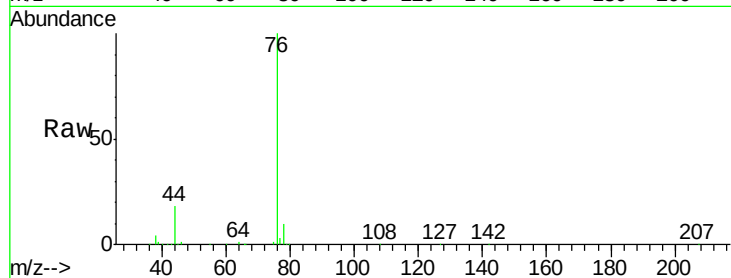
VW0615SBSD01

Tgt Ion: 76 Resp: 133595

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



#18

Methyl Acetate

Concen: 19.275 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003265.D

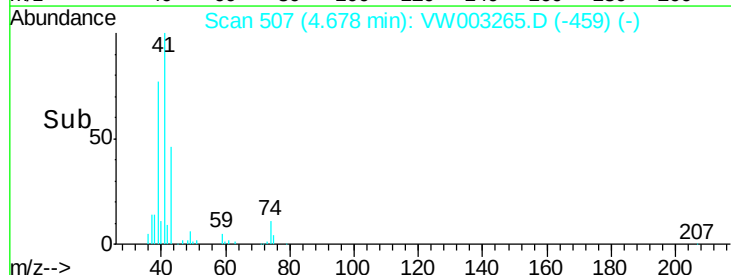
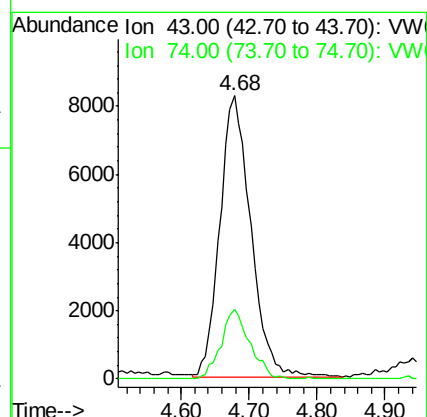
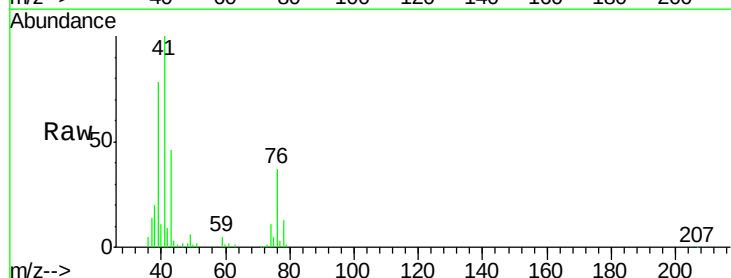
Acq: 14 Jun 2018 20:32

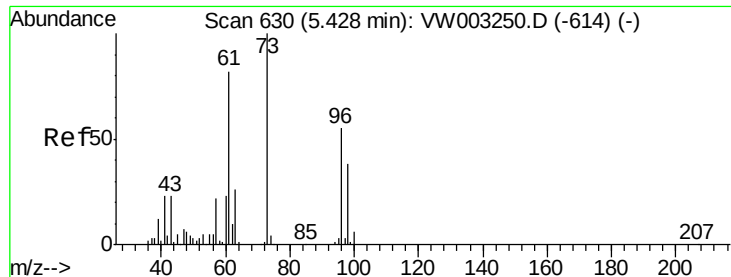
Tgt Ion: 43 Resp: 26035

Ion Ratio Lower Upper

43 100

74 22.9 18.7 28.1

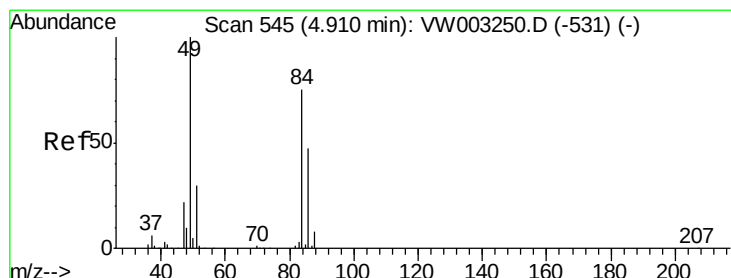
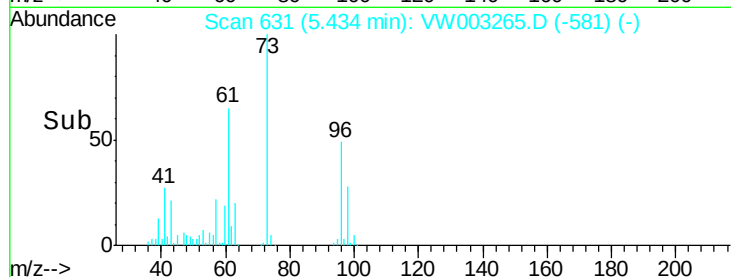
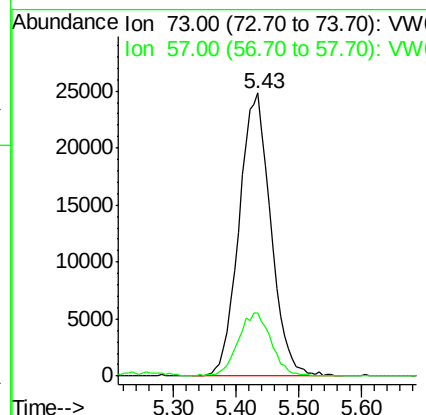
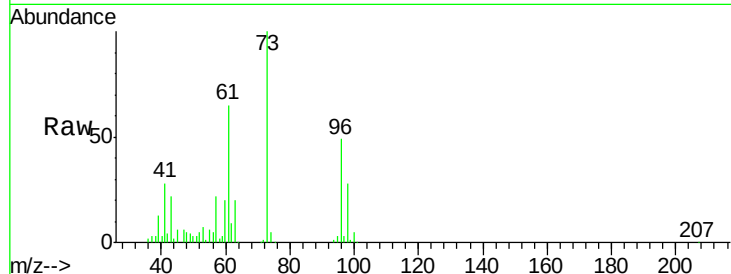




#19
Methyl tert-butyl Ether
Concen: 20.489 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

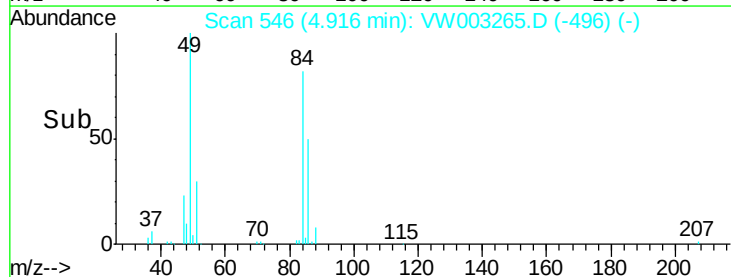
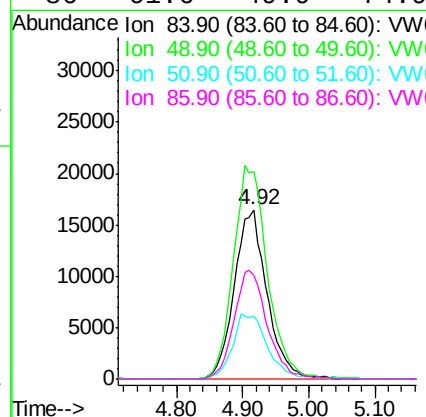
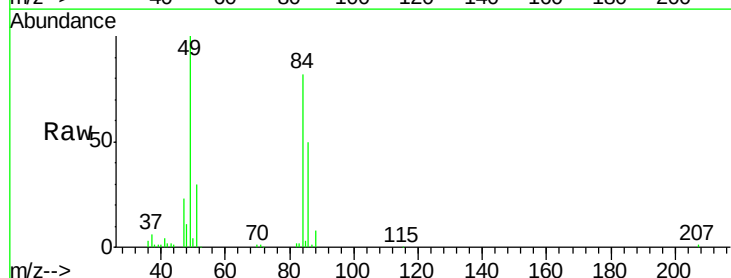
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

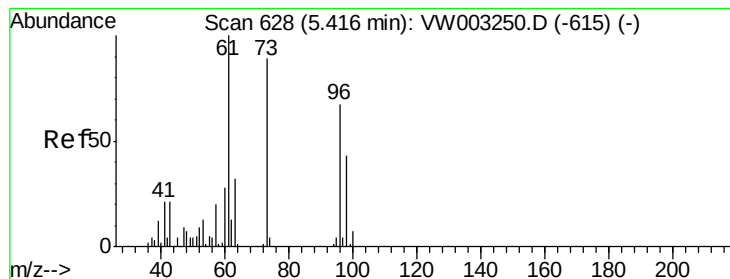
Tgt Ion: 73 Resp: 87066
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0



#20
Methylene Chloride
Concen: 21.251 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 84 Resp: 56503
Ion Ratio Lower Upper
84 100
49 122.4 106.3 159.5
51 37.3 32.0 48.0
86 61.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.689 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBSD01

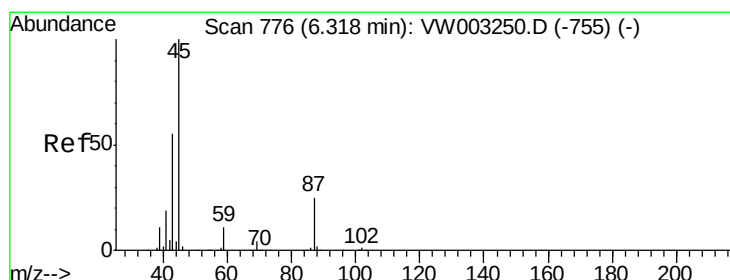
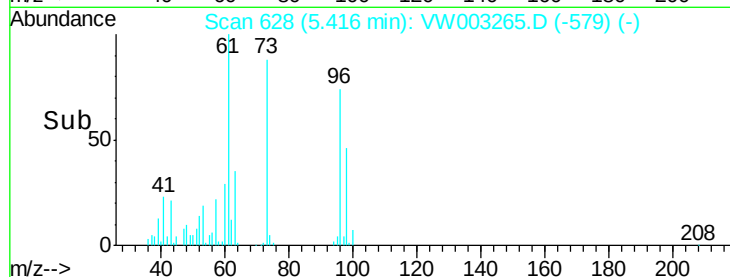
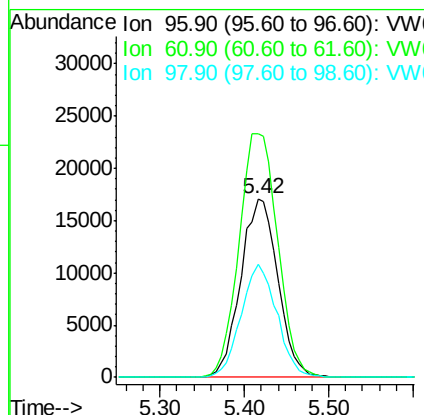
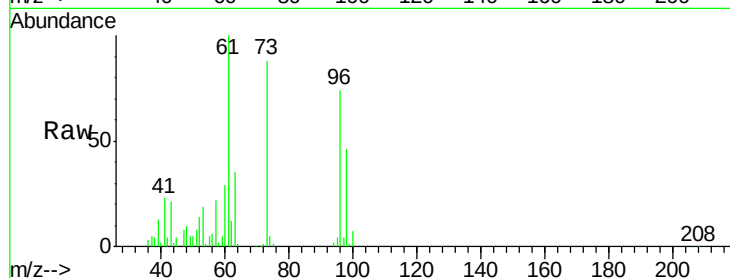
Tgt Ion: 96 Resp: 51087

Ion Ratio Lower Upper

96 100

61 135.9 118.7 178.1

98 62.9 51.0 76.6



#22

Diisopropyl ether

Concen: 20.544 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Tgt Ion: 45 Resp: 162491

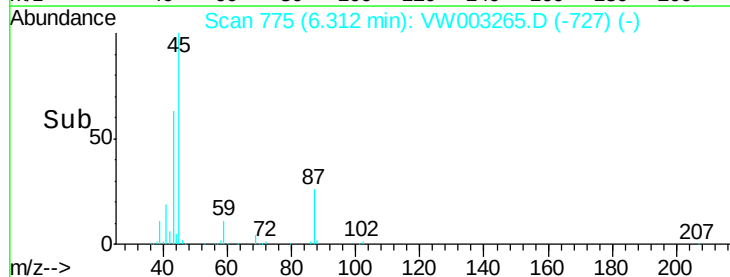
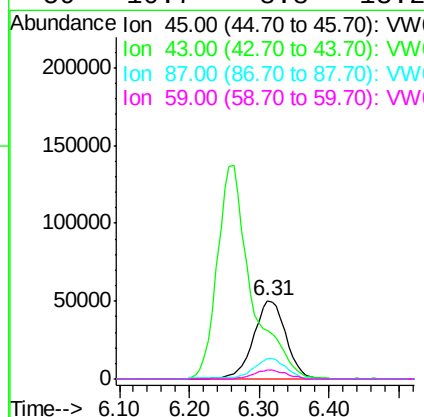
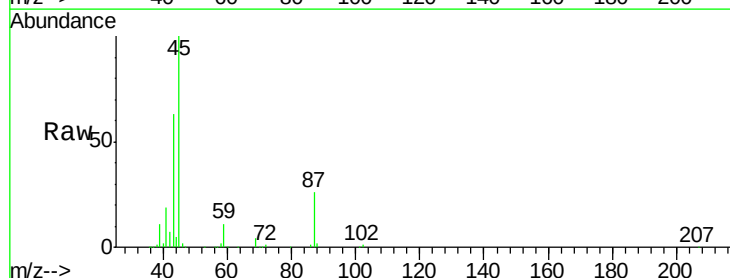
Ion Ratio Lower Upper

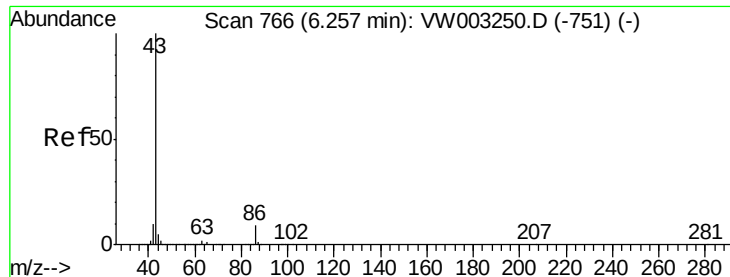
45 100

43 62.0 44.0 66.0

87 25.4 20.6 31.0

59 10.7 8.8 13.2

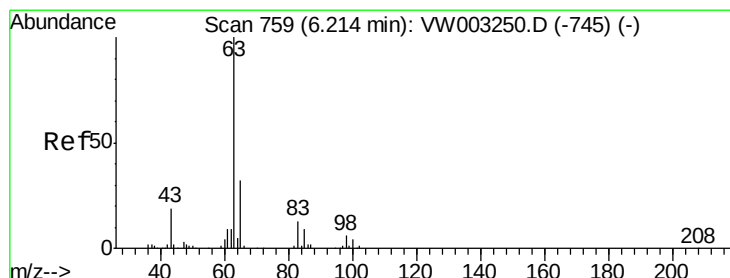
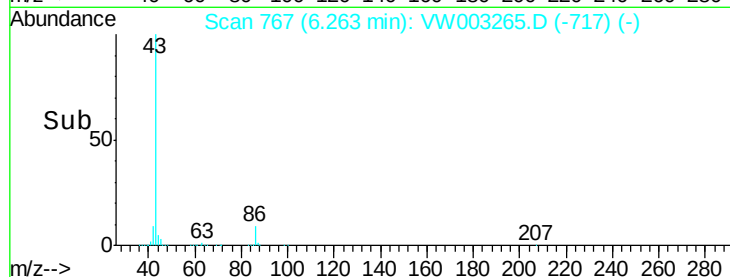
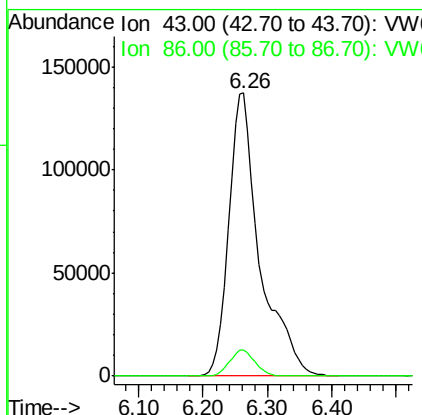
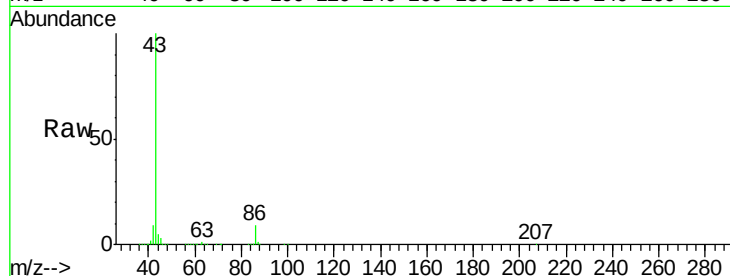




#23
 Vinyl Acetate
 Concen: 101.483 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

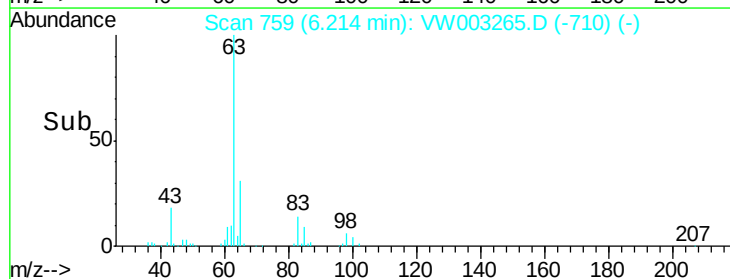
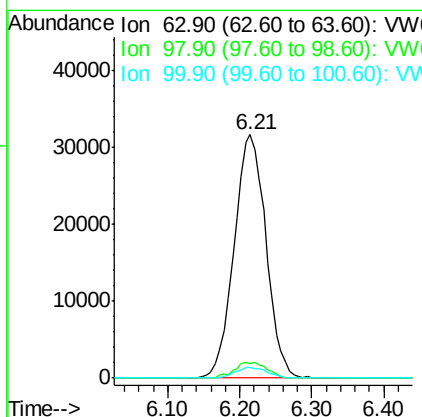
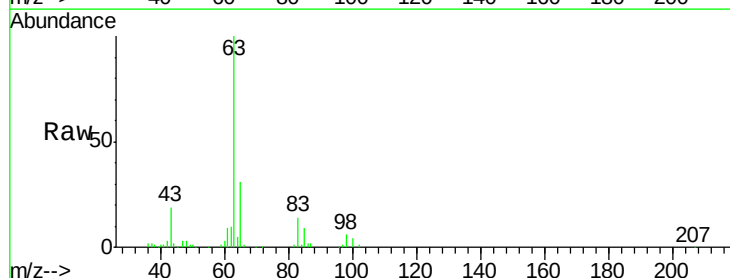
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

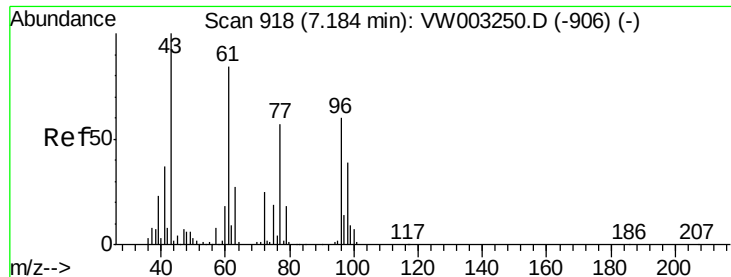
Tgt Ion: 43 Resp: 462562
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.645 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 63 Resp: 96939
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.8 8.3
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 99.520 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

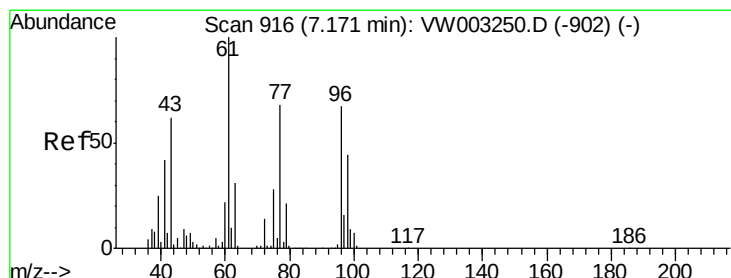
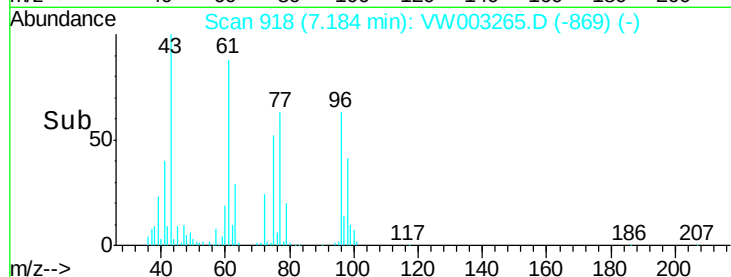
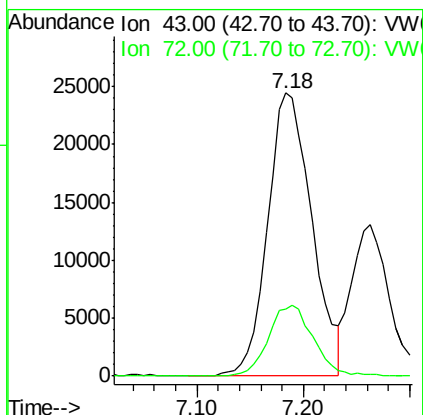
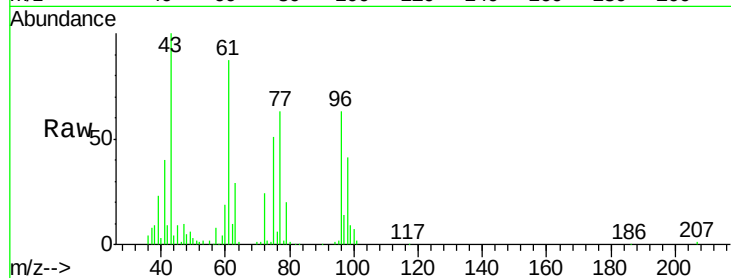
VW0615SBSD01

Tgt Ion: 43 Resp: 70459

Ion Ratio Lower Upper

43 100

72 23.8 20.3 30.5



#26

2,2-Dichloropropane

Concen: 19.828 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003265.D

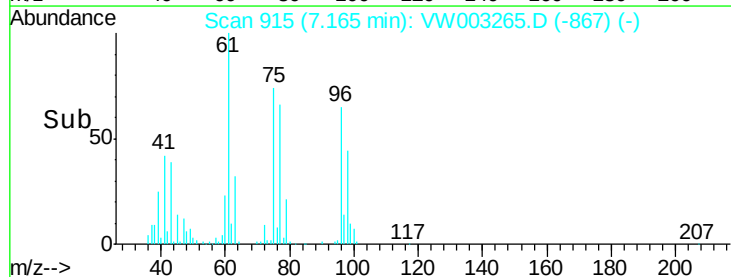
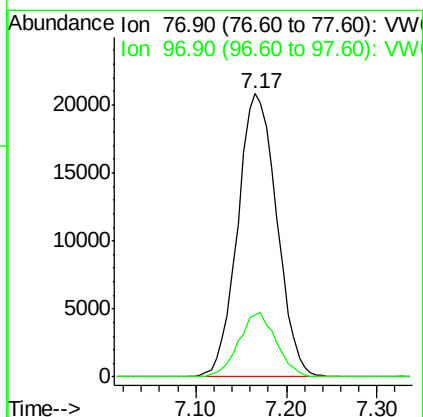
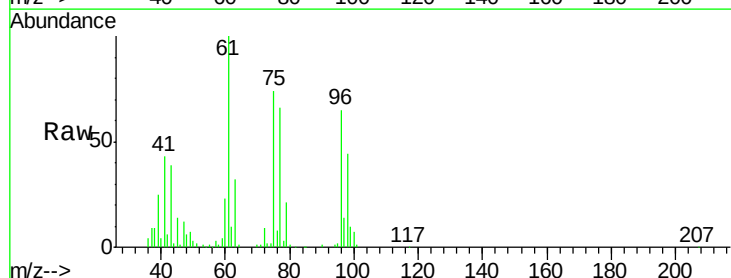
Acq: 14 Jun 2018 20:32

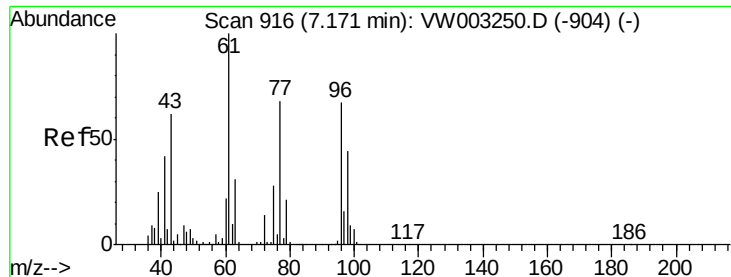
Tgt Ion: 77 Resp: 62137

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9



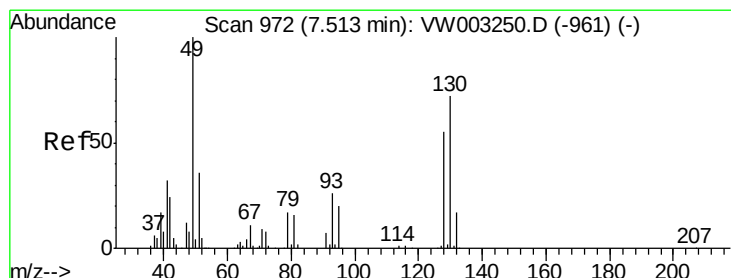
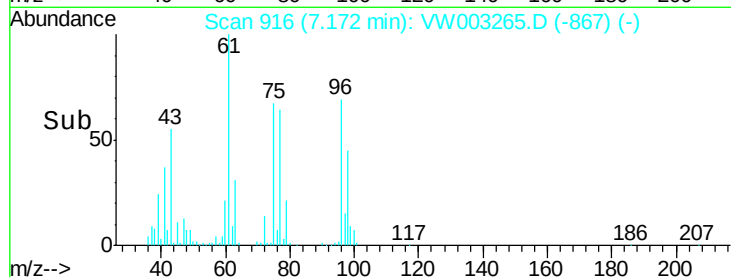
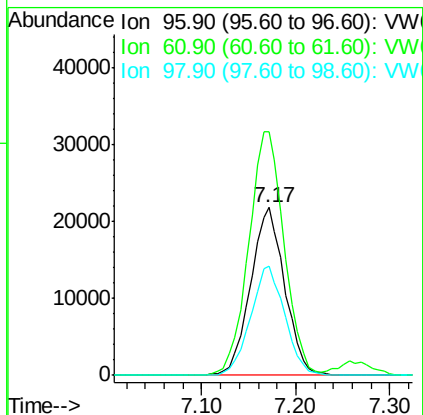
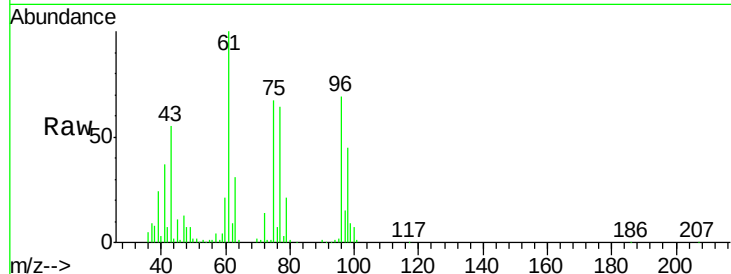


#27

cis-1,2-Dichloroethene
Concen: 20.427 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Instrument :
MSVOA_W
ClientSampled :
VW0615SBSD01

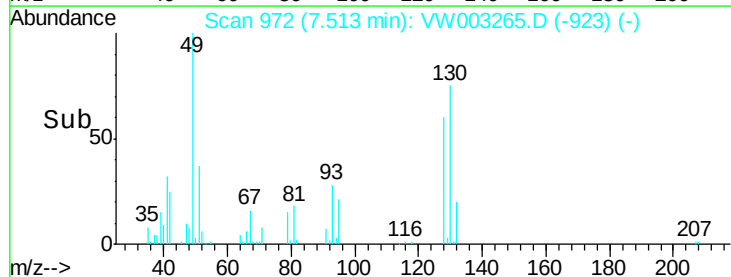
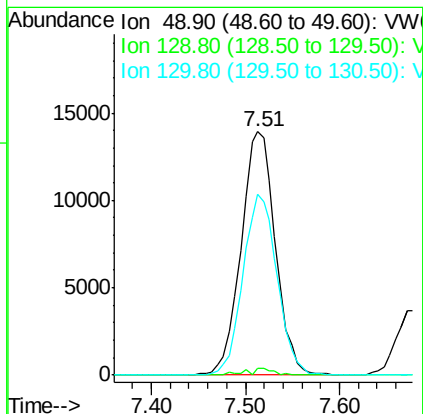
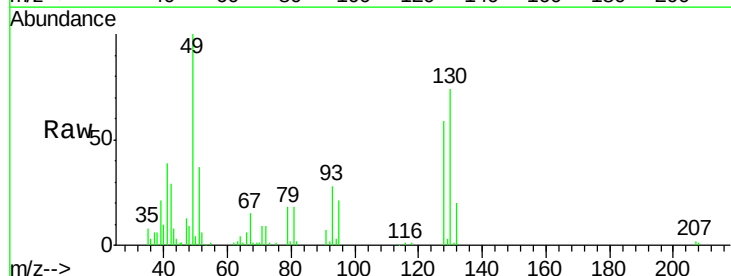
Tgt Ion: 96 Resp: 55408
Ion Ratio Lower Upper
96 100
61 151.0 0.0 298.8
98 65.4 0.0 130.4

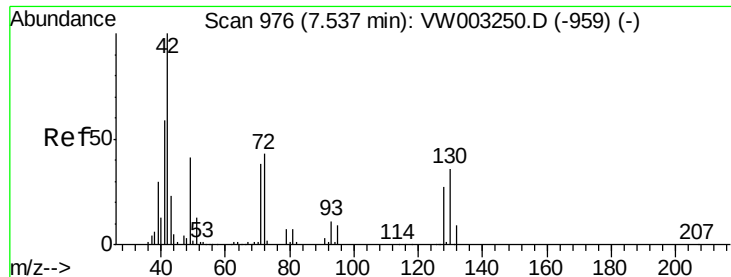


#28

Bromochloromethane
Concen: 18.150 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 49 Resp: 35465
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.6
130 73.9 59.4 89.2

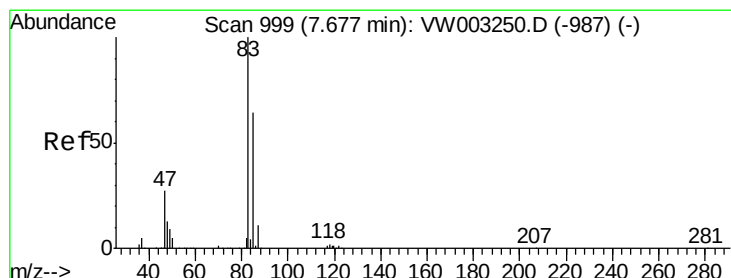
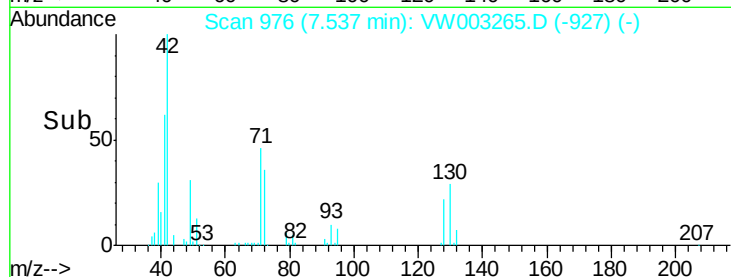
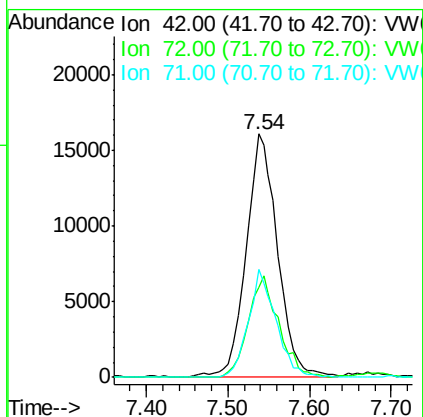
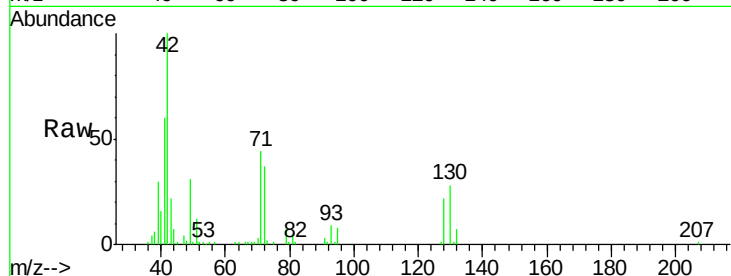




#29
Tetrahydrofuran
Concen: 99.684 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

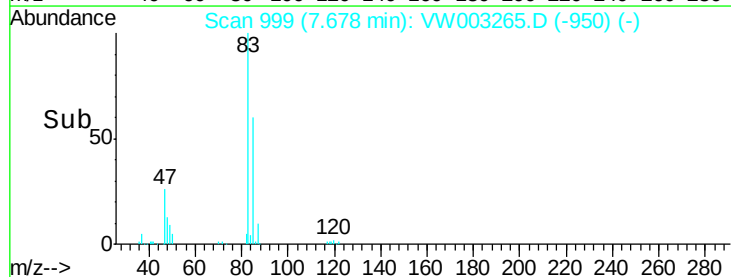
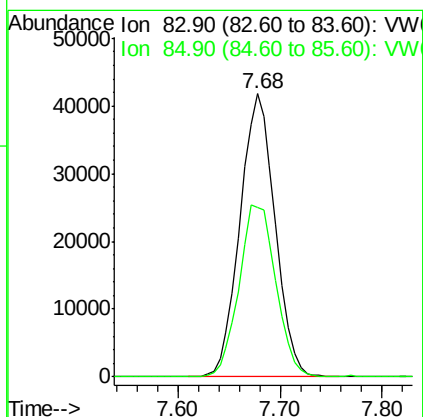
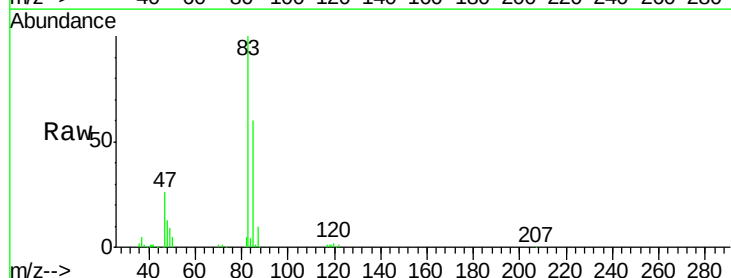
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

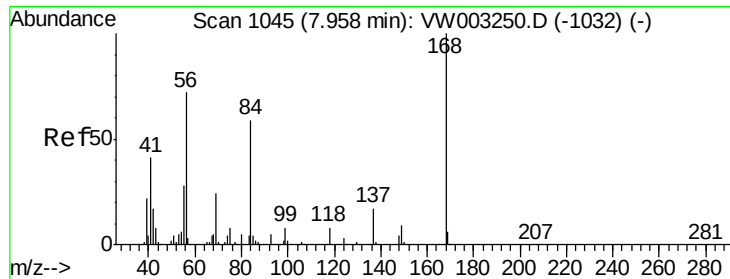
Tgt Ion: 42 Resp: 43133
Ion Ratio Lower Upper
42 100
72 40.6 32.4 48.6
71 38.8 31.2 46.8



#30
Chloroform
Concen: 20.850 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 83 Resp: 99743
Ion Ratio Lower Upper
83 100
85 60.1 51.3 76.9

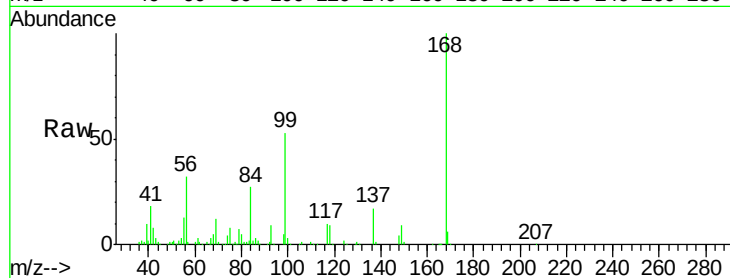




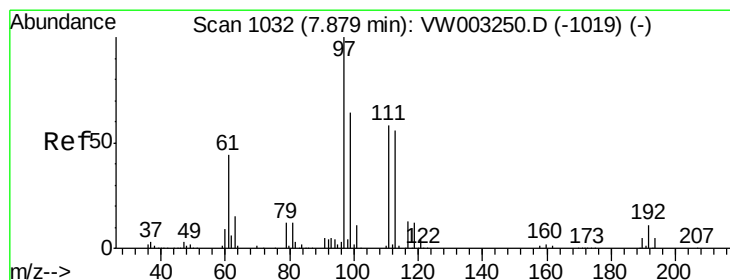
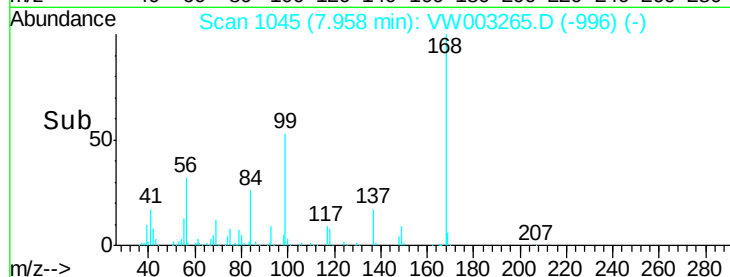
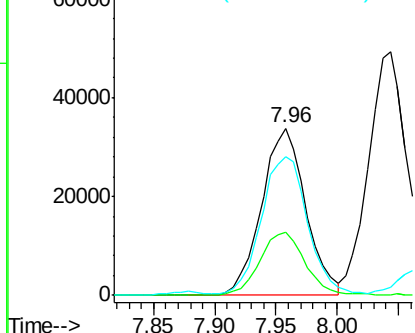
#31
Cyclohexane
Concen: 19.351 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

Tgt Ion: 56 Resp: 84887
Ion Ratio Lower Upper
56 100
69 37.8 26.3 39.5
84 80.6 65.7 98.5

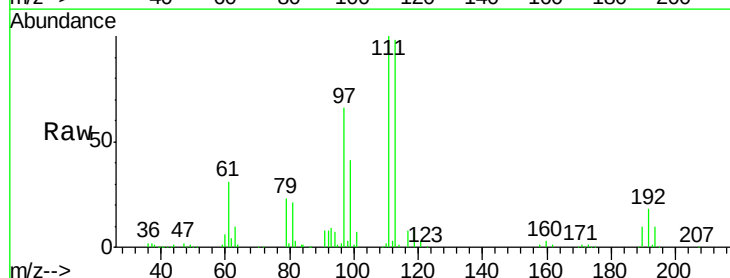


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

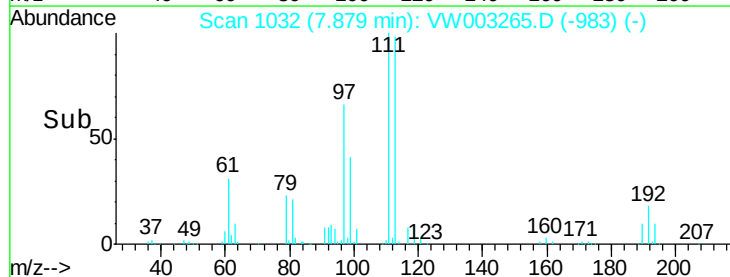
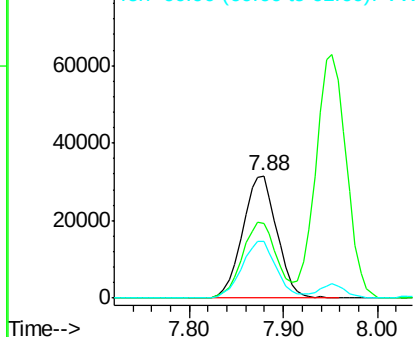


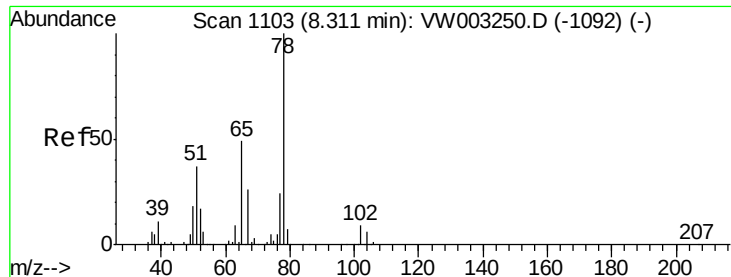
#32
1,1,1-Trichloroethane
Concen: 20.282 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 97 Resp: 80085
Ion Ratio Lower Upper
97 100
99 62.2 51.7 77.5
61 46.9 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

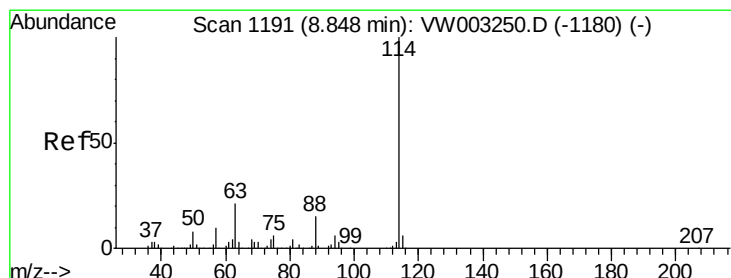
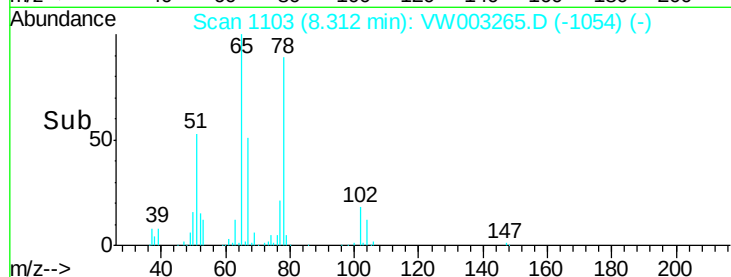
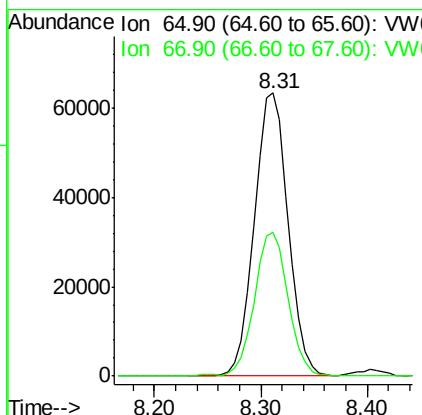
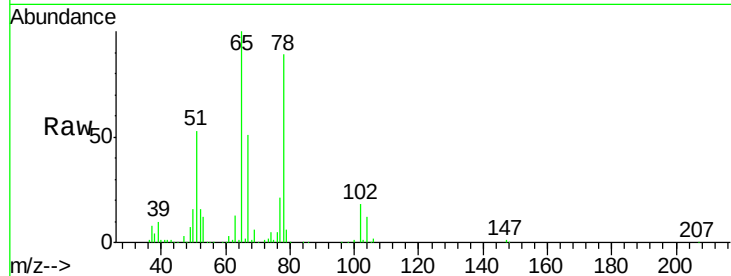




#33
 1,2-Dichloroethane-d4
 Concen: 51.756 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

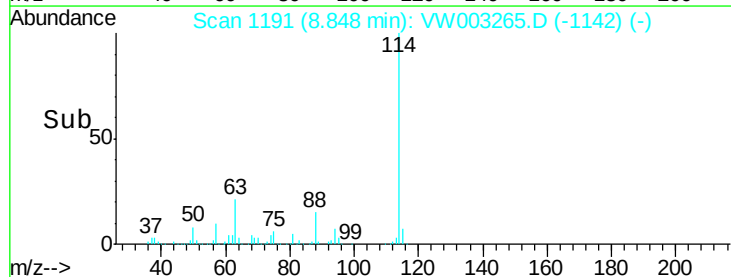
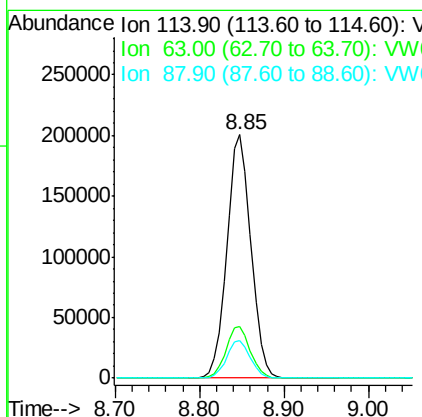
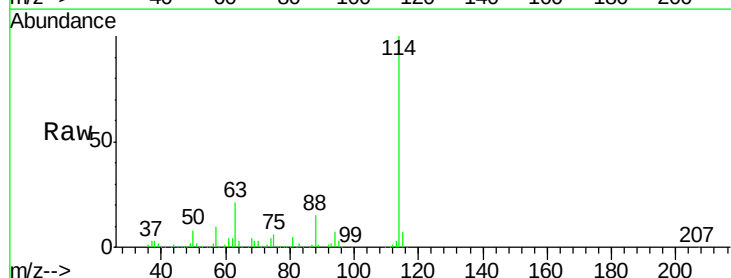
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

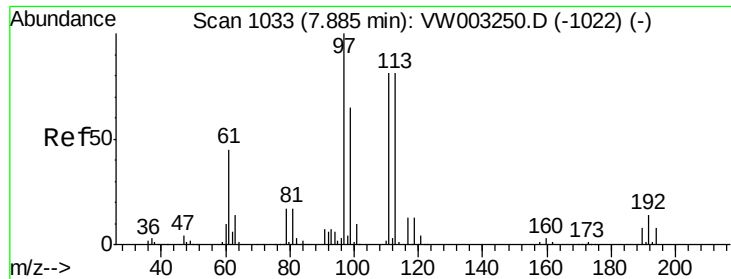
Tgt Ion: 65 Resp: 140505
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 114 Resp: 388008
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 15.2 0.0 29.6

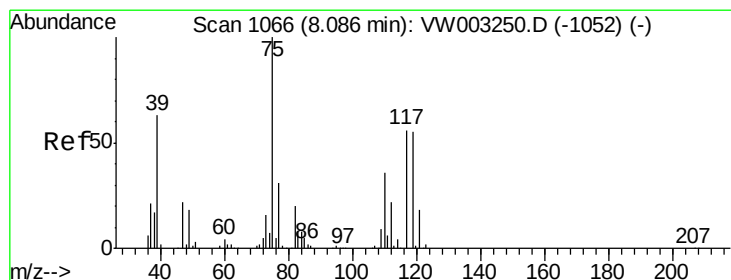
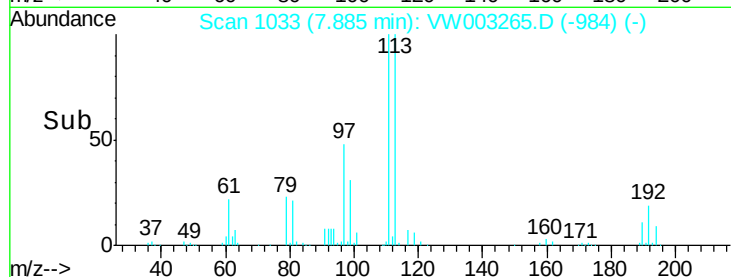
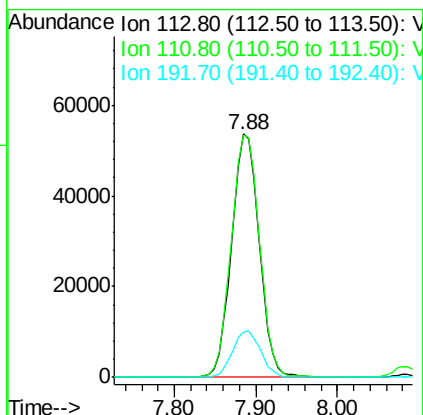
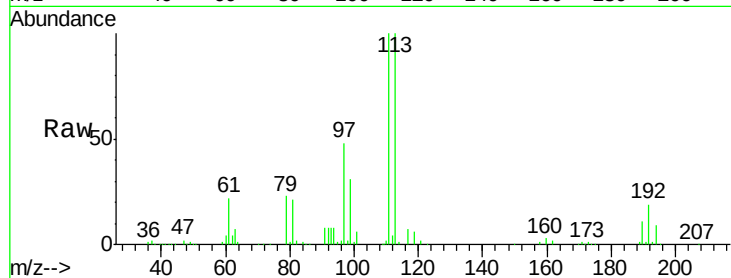




#35
 Dibromofluoromethane
 Concen: 51.714 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

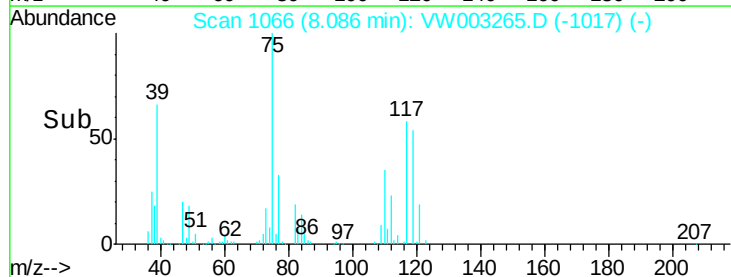
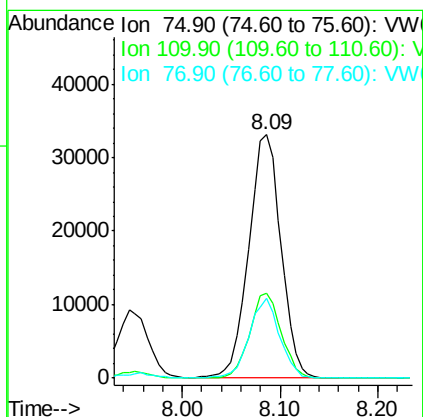
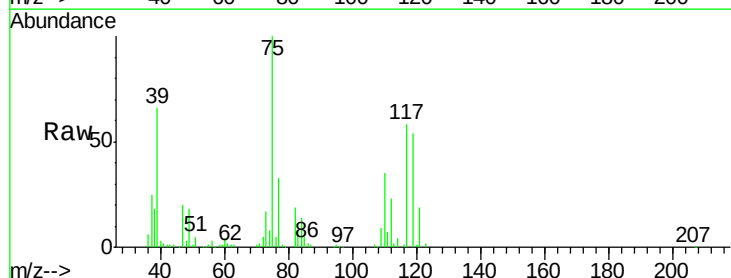
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

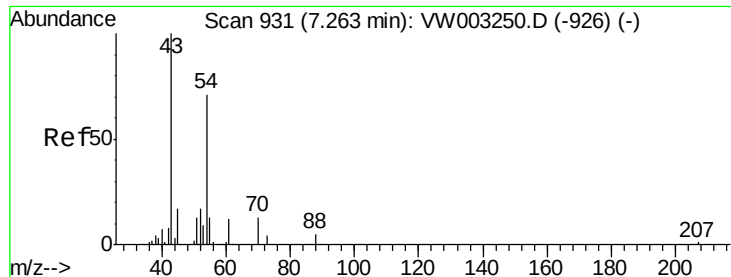
Tgt Ion: 113 Resp: 124680
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 20.294 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 75 Resp: 76043
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.1 51.3
 77 31.2 24.9 37.3

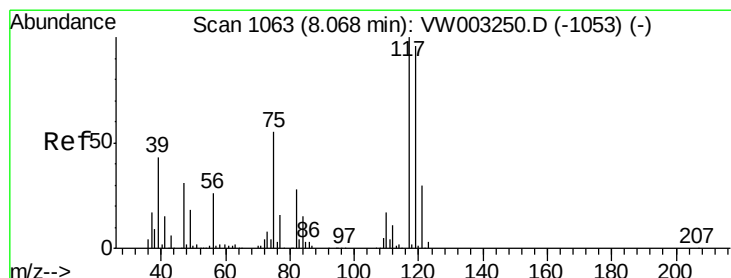
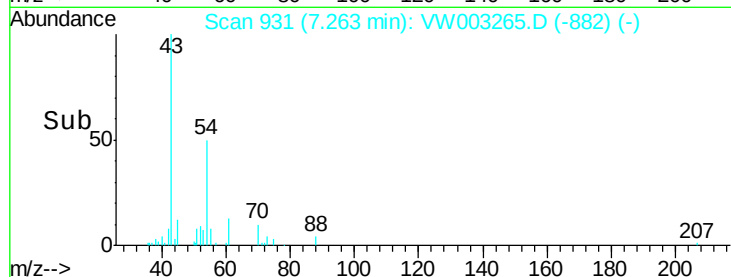
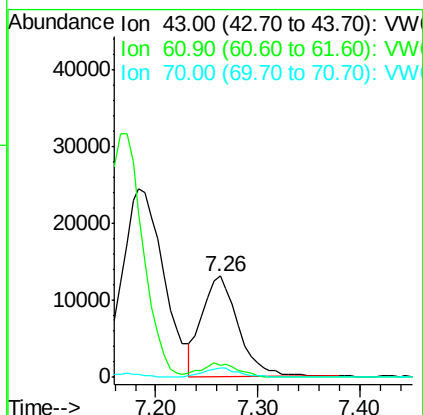
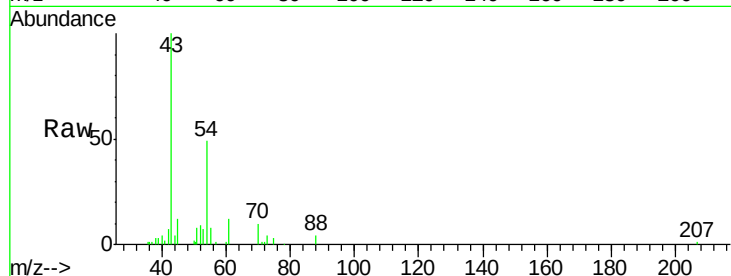




#37
Ethyl Acetate
Concen: 20.973 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

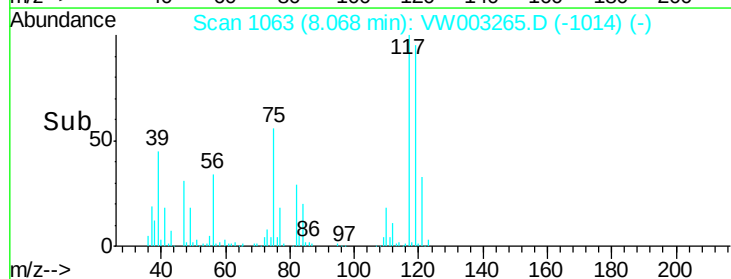
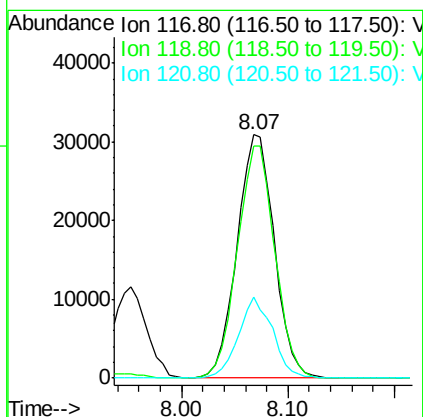
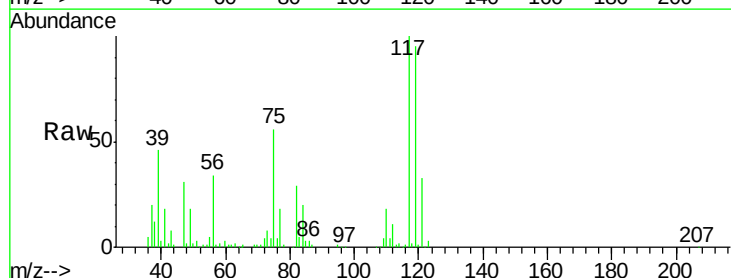
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

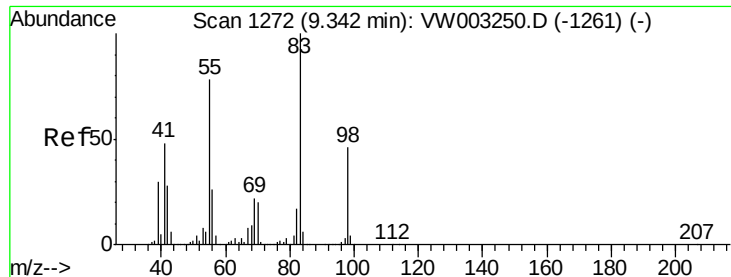
Tgt Ion: 43 Resp: 32558
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 9.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 20.668 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 117 Resp: 75968
Ion Ratio Lower Upper
117 100
119 95.2 76.6 115.0
121 33.4 23.9 35.9

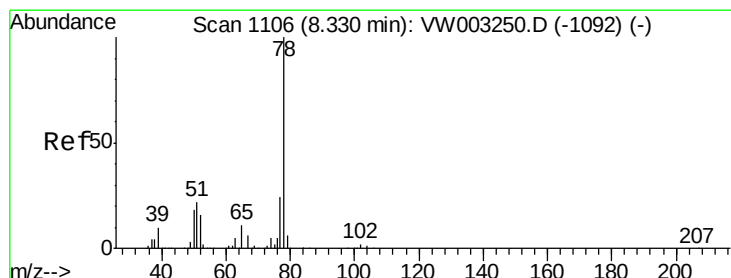
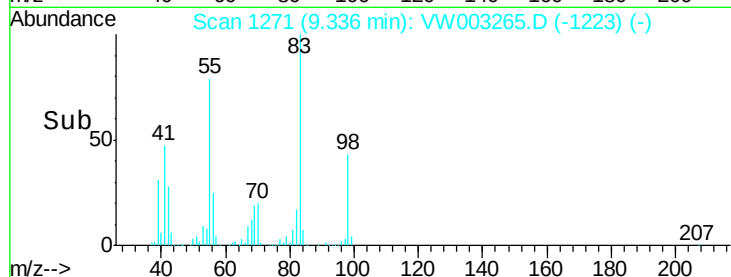
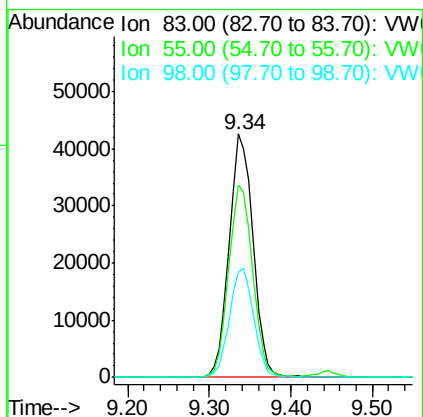
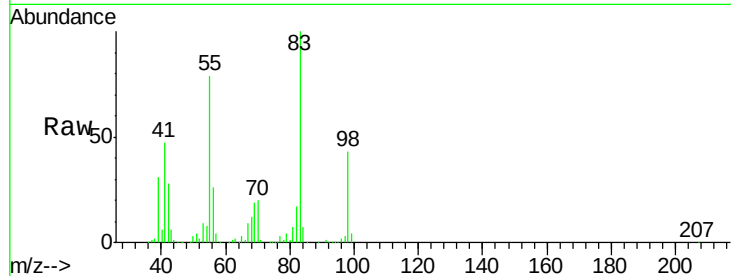




#39
Methylcyclohexane
Concen: 19.824 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

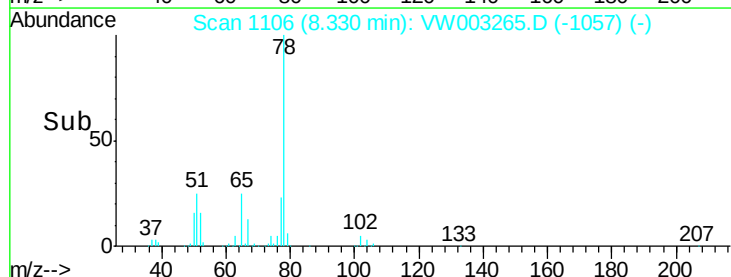
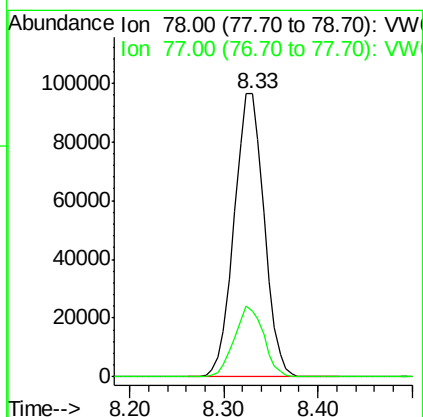
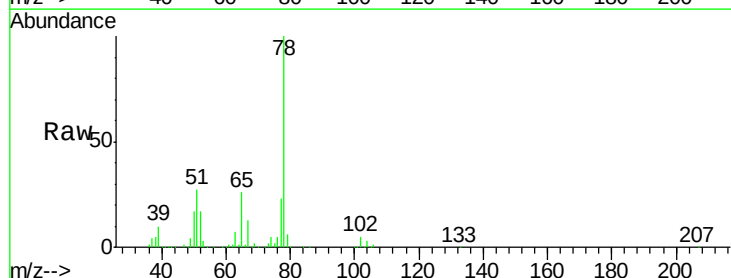
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

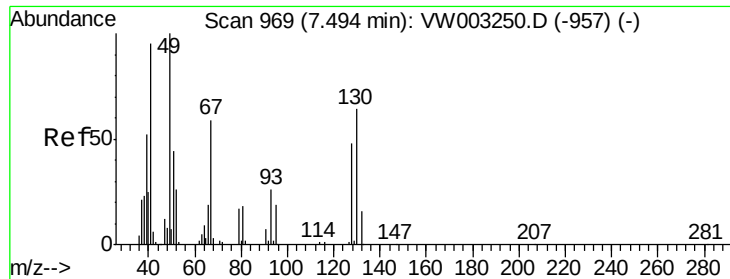
Tgt Ion: 83 Resp: 85952
Ion Ratio Lower Upper
83 100
55 78.8 62.6 93.8
98 43.3 37.0 55.4



#40
Benzene
Concen: 20.753 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 78 Resp: 214355
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

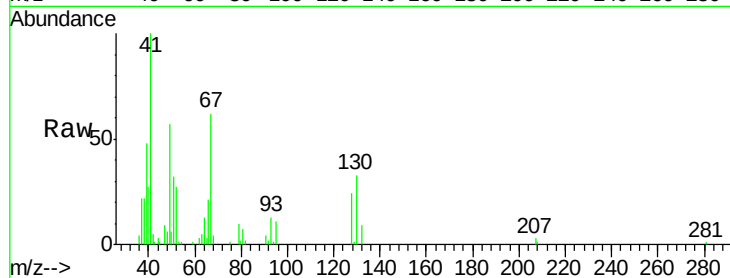




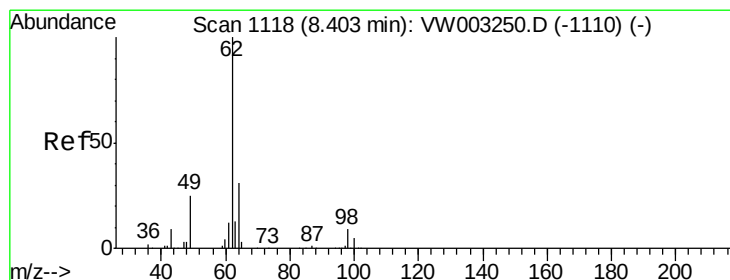
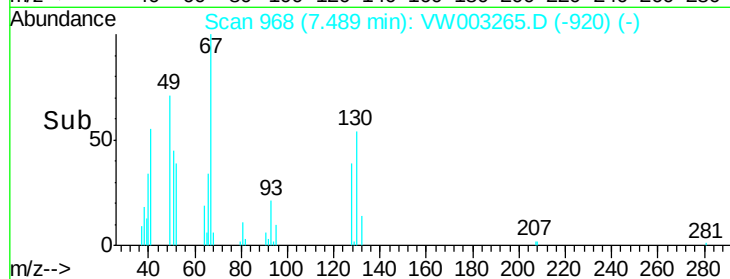
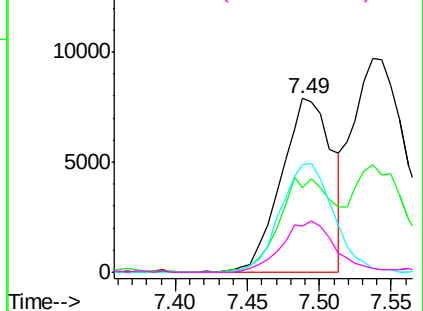
#41
Methacrylonitrile
Concen: 20.459 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

Tgt Ion:	41	Resp:	19489
Ion	Ratio	Lower	Upper
41	100		
39	61.8	45.8	68.8
67	65.4	52.3	78.5
52	31.1	24.1	36.1

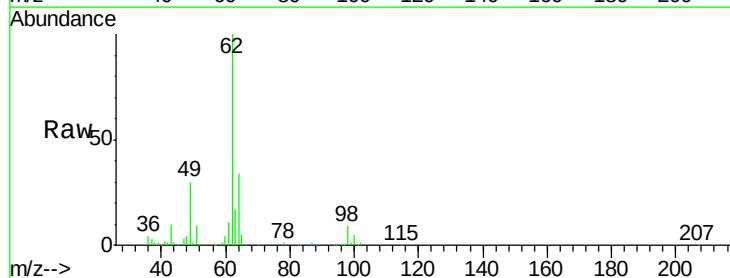


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

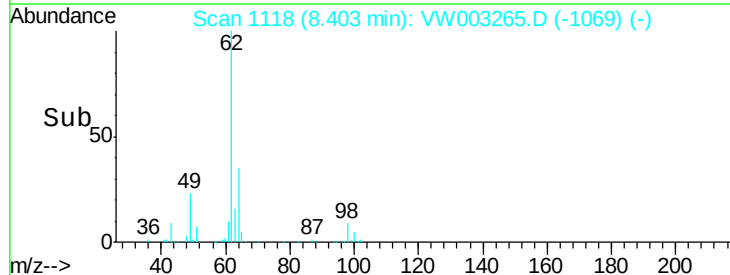
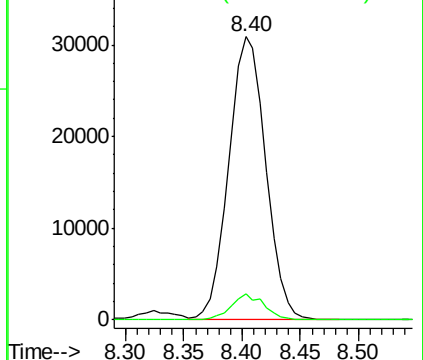


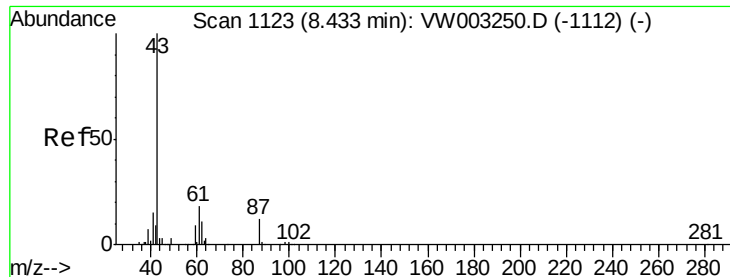
#42
1,2-Dichloroethane
Concen: 21.131 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion:	62	Resp:	68382
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 19.645 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

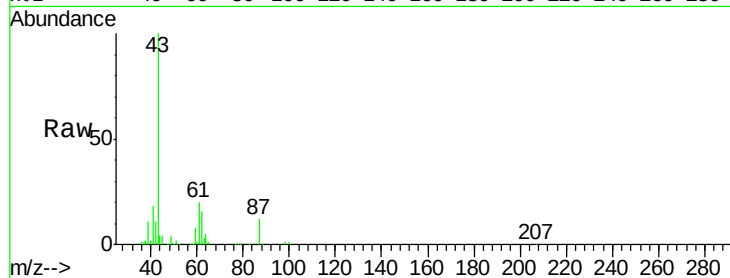
Tgt Ion: 43 Resp: 60553

Ion Ratio Lower Upper

43 100

61 29.5 23.1 34.7

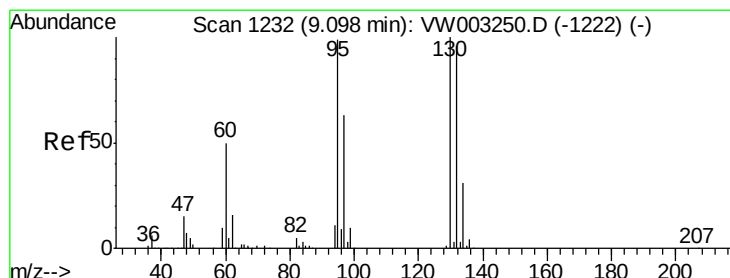
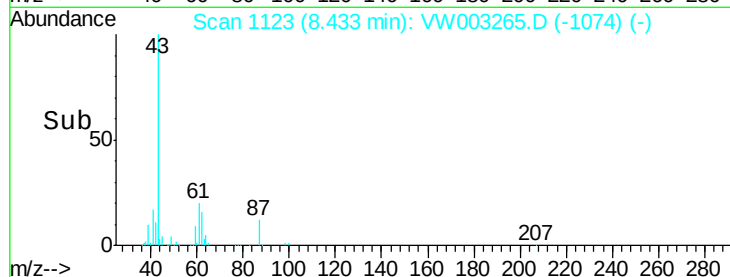
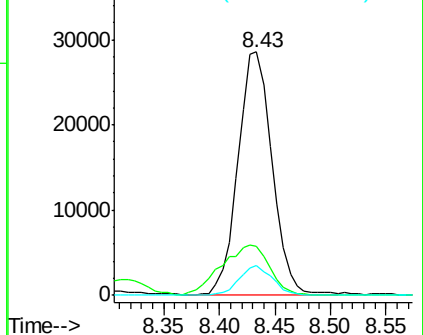
87 11.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.167 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003265.D

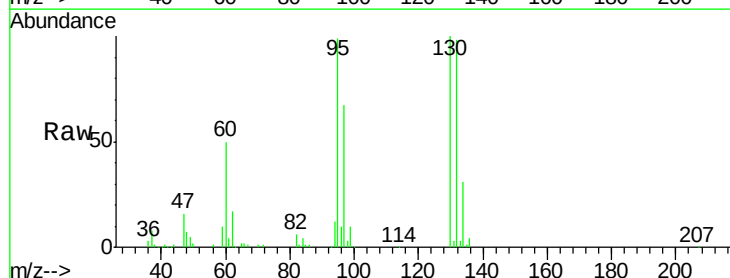
Acq: 14 Jun 2018 20:32

Tgt Ion: 130 Resp: 55196

Ion Ratio Lower Upper

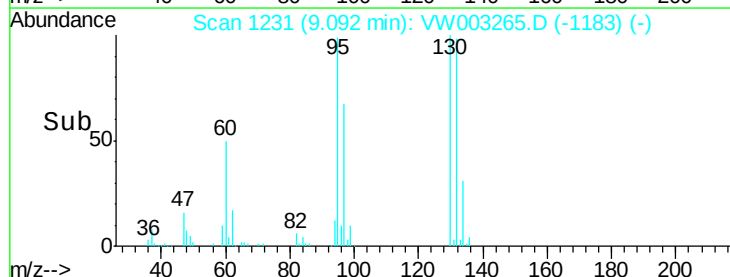
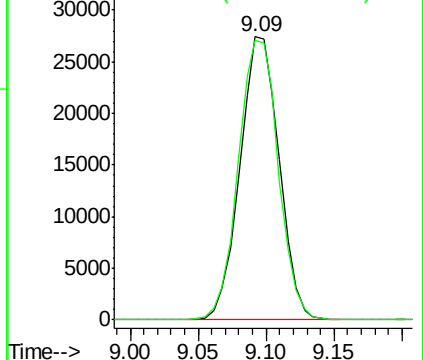
130 100

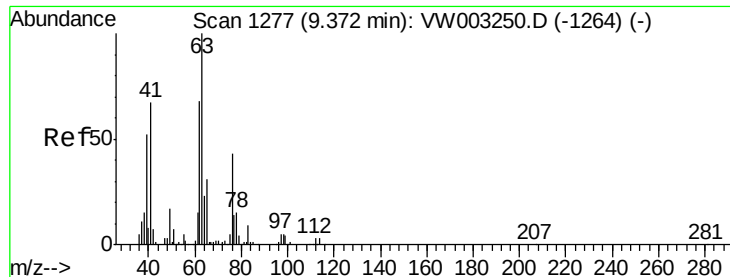
95 98.8 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

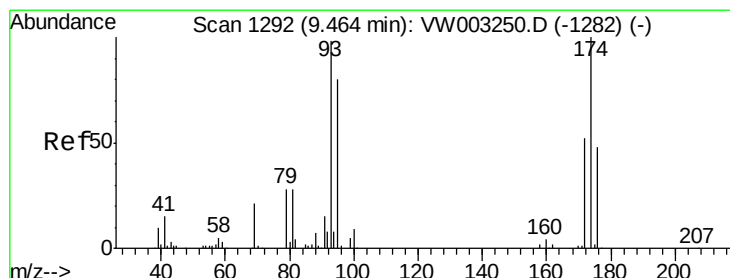
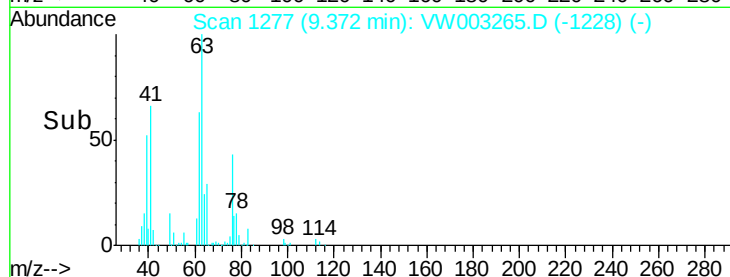
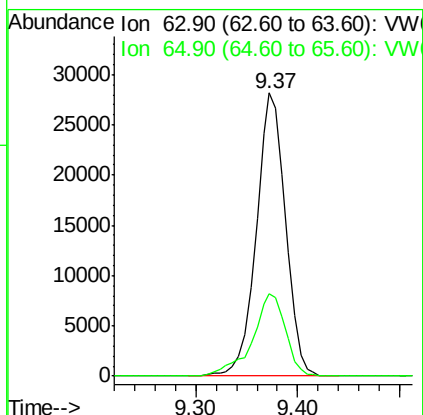
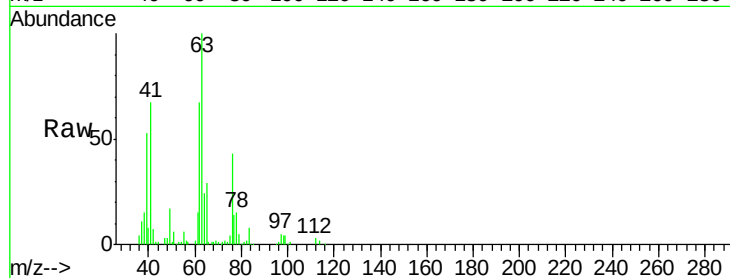




#45
 1,2-Dichloropropane
 Concen: 21.308 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

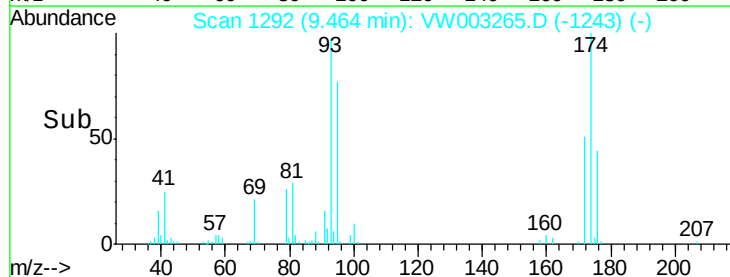
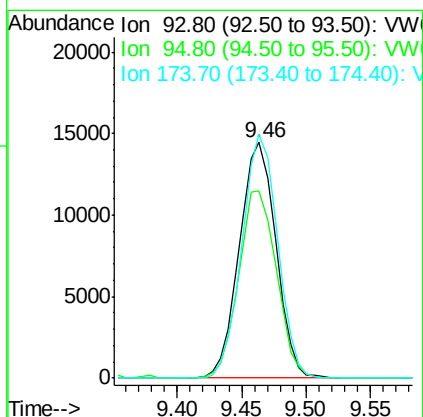
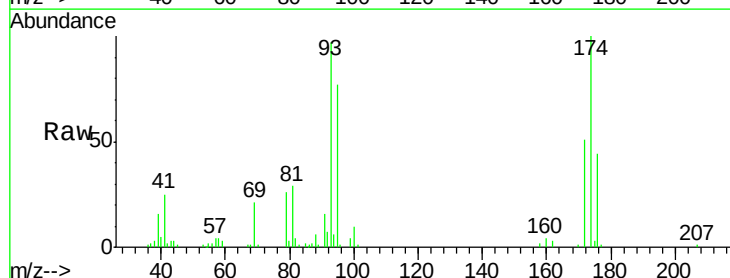
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

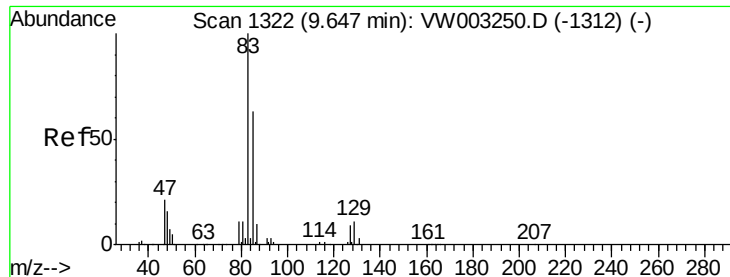
Tgt Ion: 63 Resp: 56036
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.1 37.7



#46
 Dibromomethane
 Concen: 21.097 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 93 Resp: 28405
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.8
 174 100.9 81.4 122.0

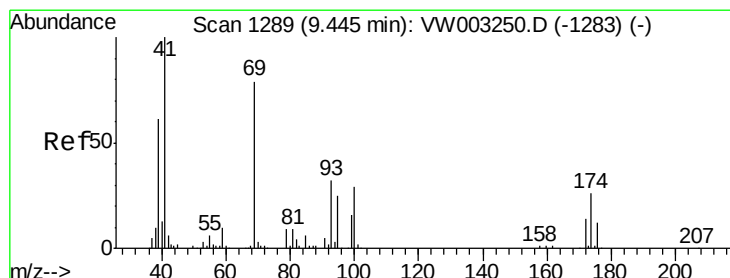
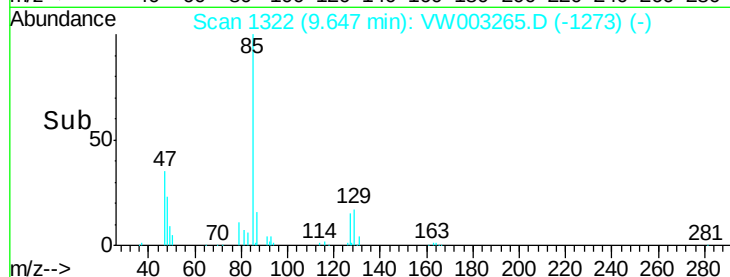
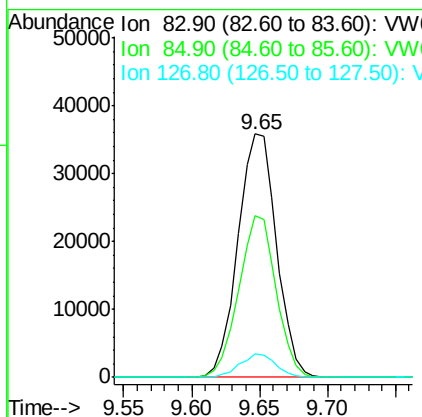
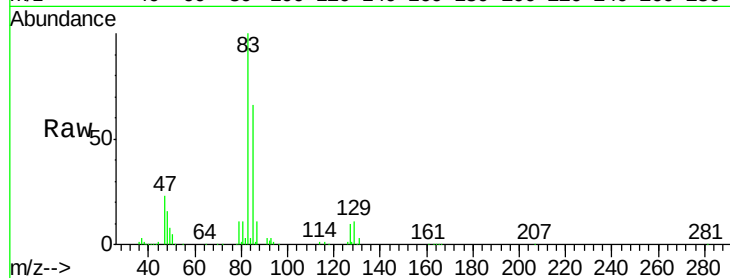




#47
 Bromodichloromethane
 Concen: 20.576 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

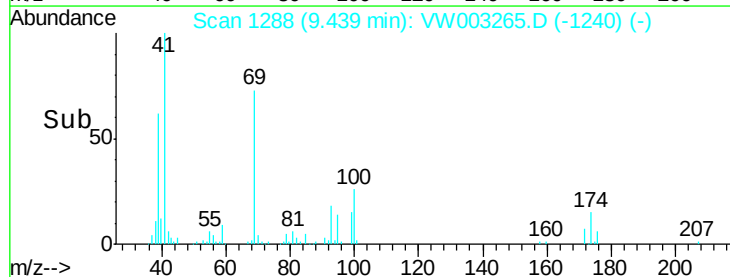
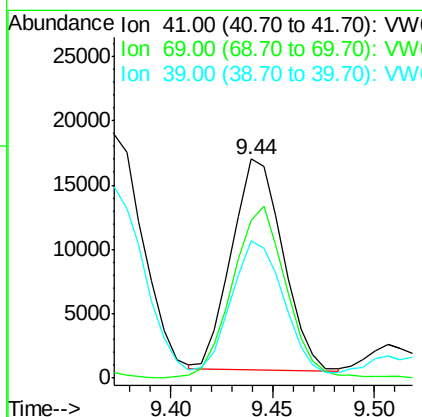
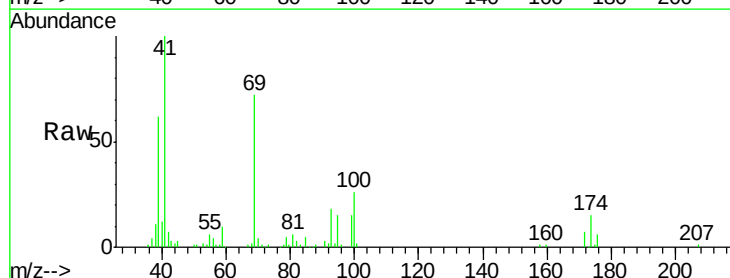
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

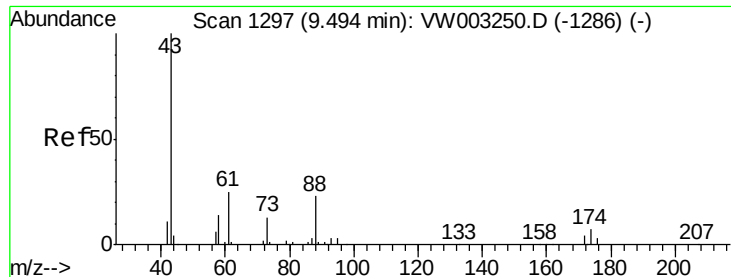
Tgt Ion: 83 Resp: 71012
 Ion Ratio Lower Upper
 83 100
 85 66.2 50.6 75.8
 127 9.7 6.8 10.2



#48
 Methyl methacrylate
 Concen: 19.732 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 41 Resp: 28584
 Ion Ratio Lower Upper
 41 100
 69 85.3 65.4 98.2
 39 62.7 54.2 81.2

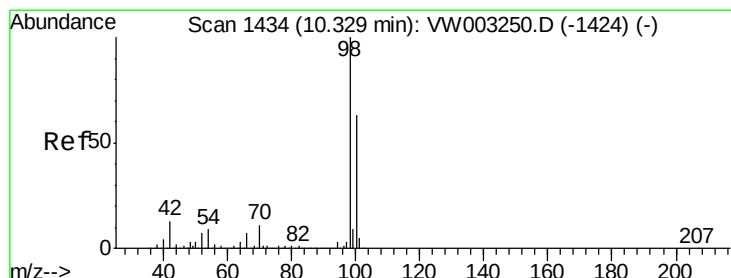
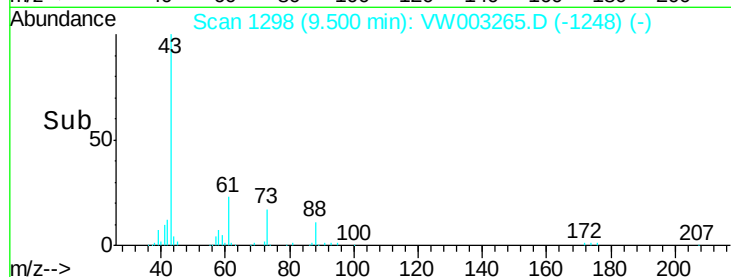
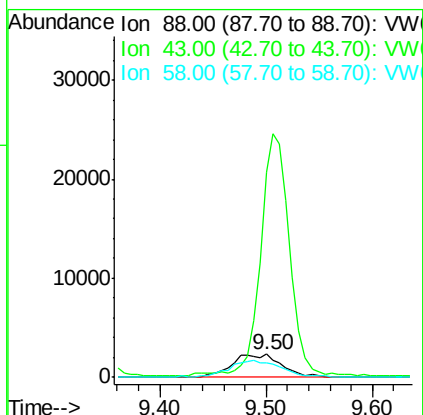
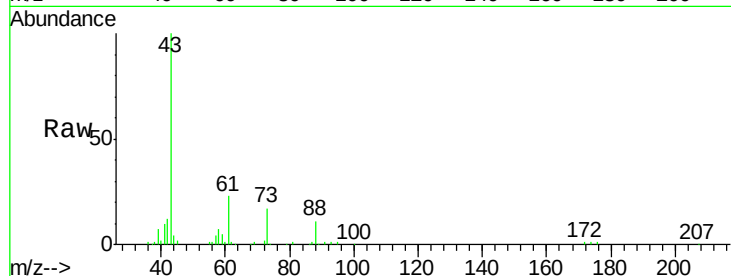




#49
1,4-Dioxane
Concen: 376.595 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

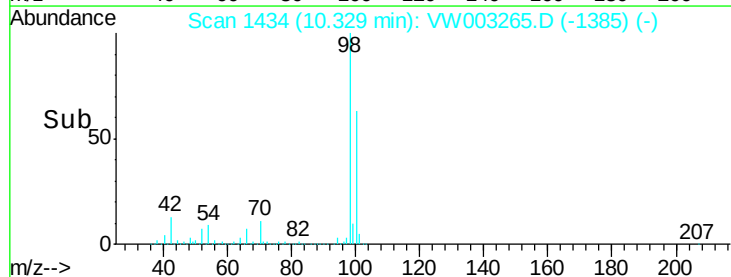
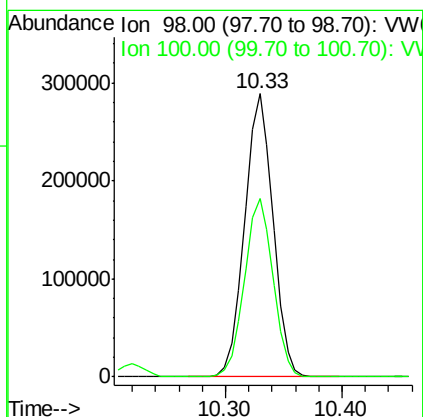
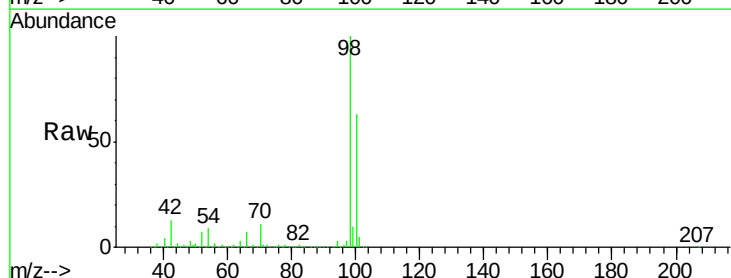
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

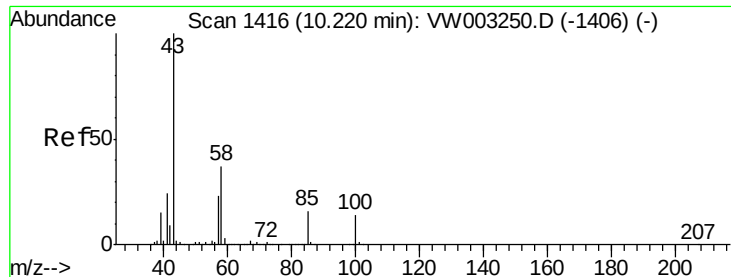
Tgt Ion: 88 Resp: 7656
Ion Ratio Lower Upper
88 100
43 602.4 454.7 682.1
58 77.0 58.6 88.0



#50
Toluene-d8
Concen: 51.426 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 98 Resp: 491632
Ion Ratio Lower Upper
98 100
100 63.6 50.8 76.2

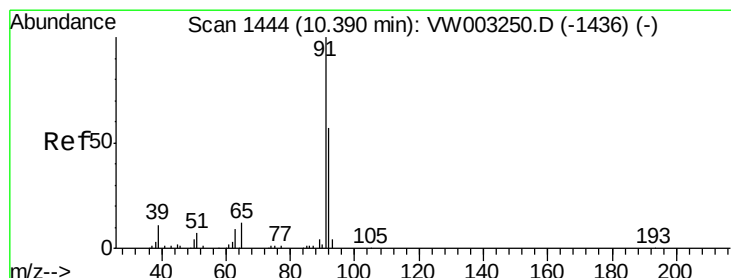
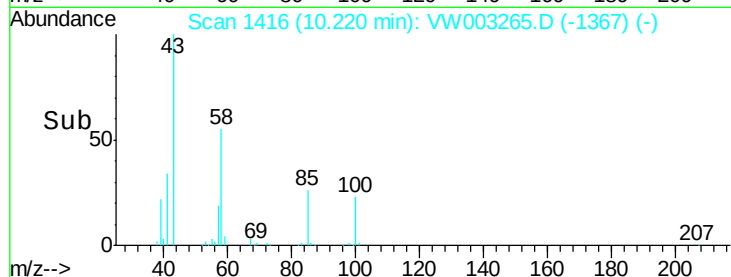
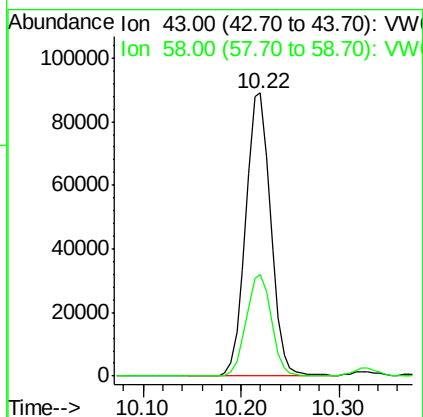
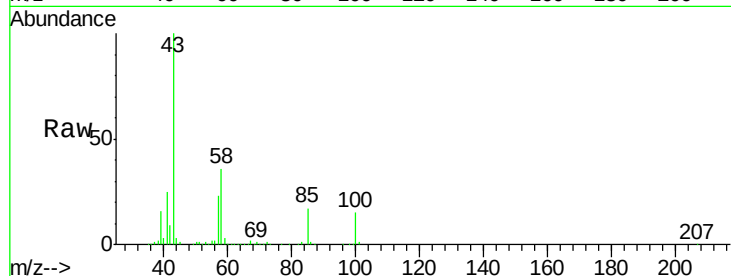




#51
 4-Methyl-2-Pentanone
 Concen: 101.220 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

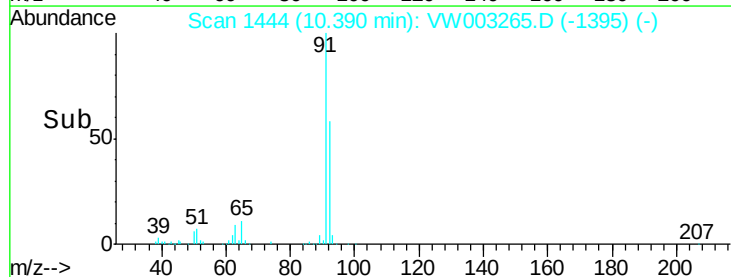
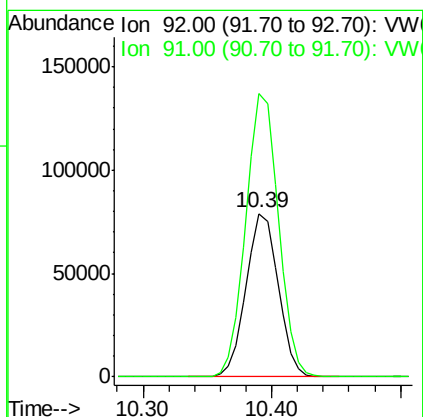
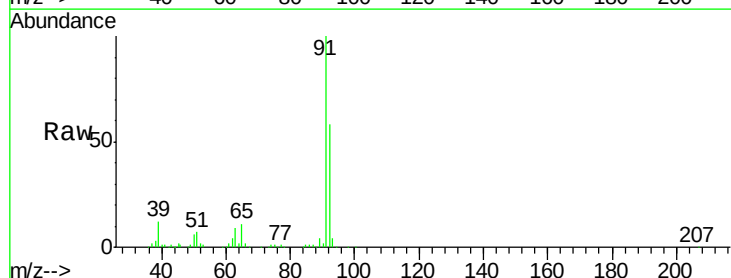
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

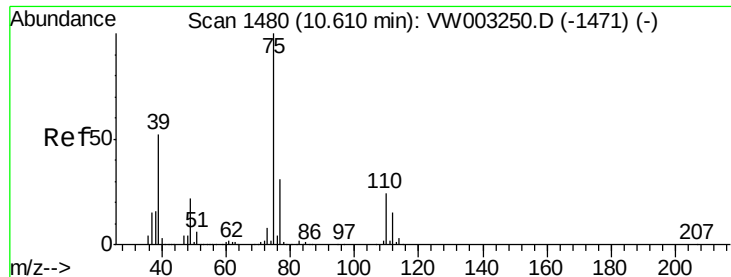
Tgt Ion: 43 Resp: 158981
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.0 43.4



#52
 Toluene
 Concen: 20.553 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 92 Resp: 136134
 Ion Ratio Lower Upper
 92 100
 91 176.5 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 19.780 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

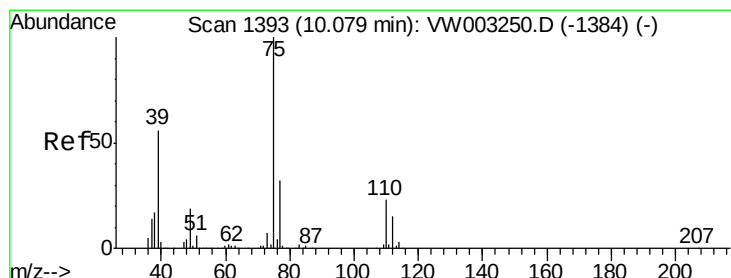
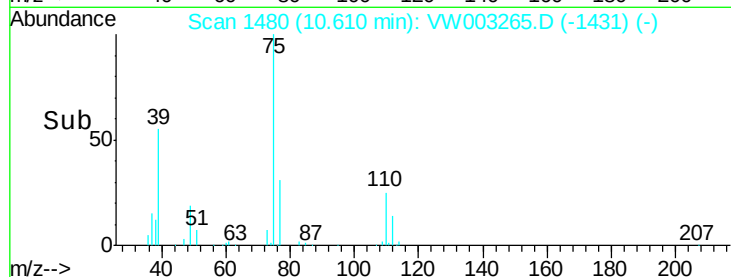
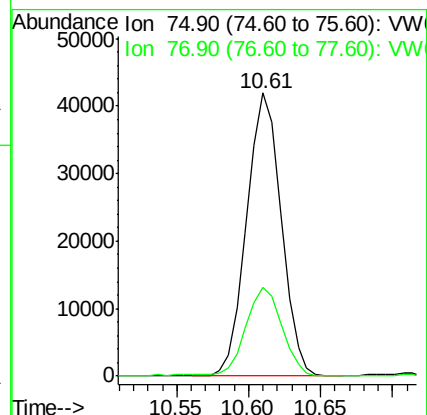
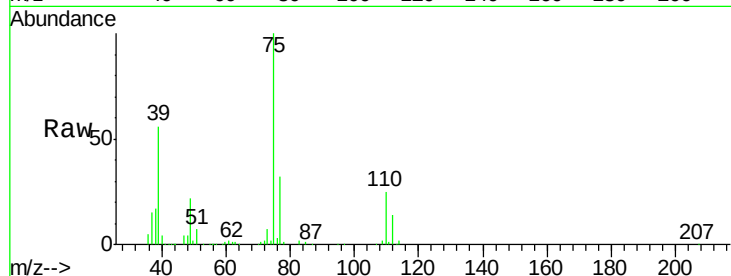
VW0615SBSD01

Tgt Ion: 75 Resp: 69733

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.378 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

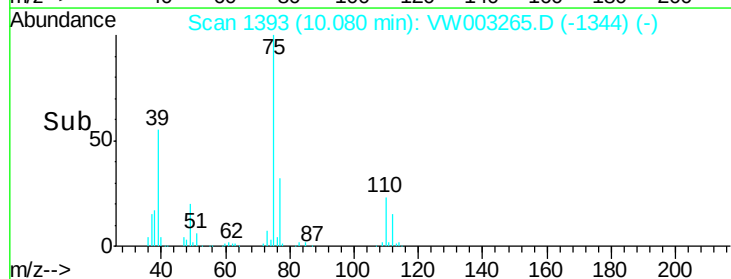
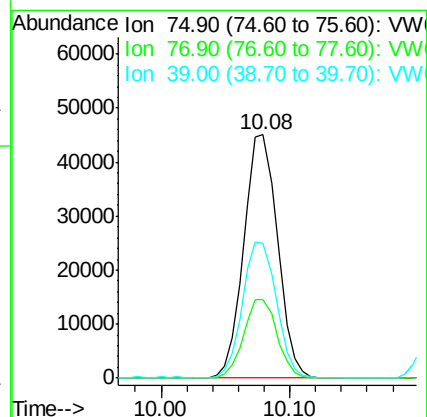
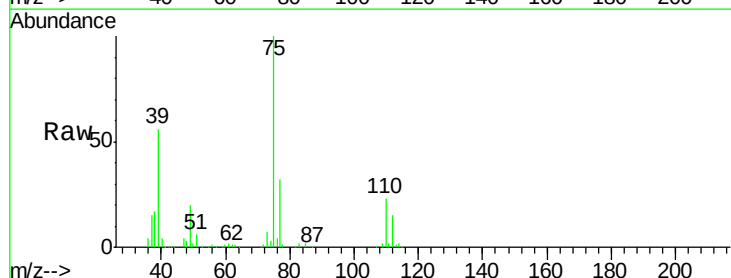
Tgt Ion: 75 Resp: 81767

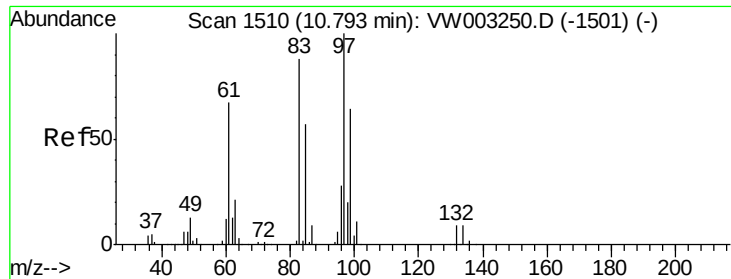
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 55.6 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 20.411 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampled :

VW0615SBS01

Tgt Ion: 97 Resp: 38726

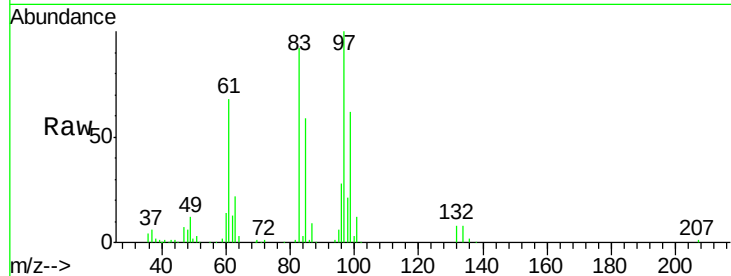
Ion Ratio Lower Upper

97 100

83 92.0 70.2 105.2

85 59.0 45.6 68.4

99 62.1 51.2 76.8

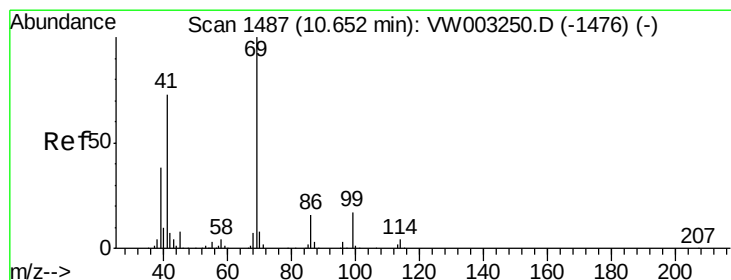
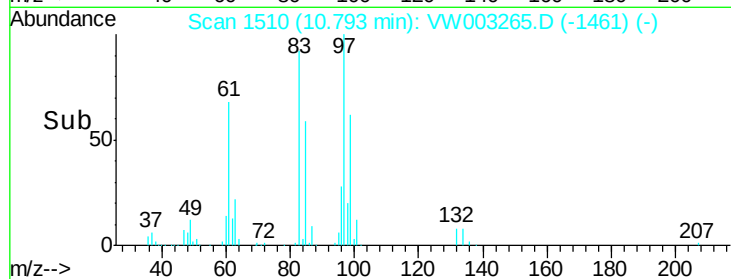
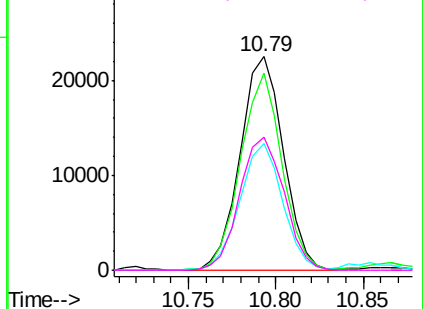


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 19.560 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

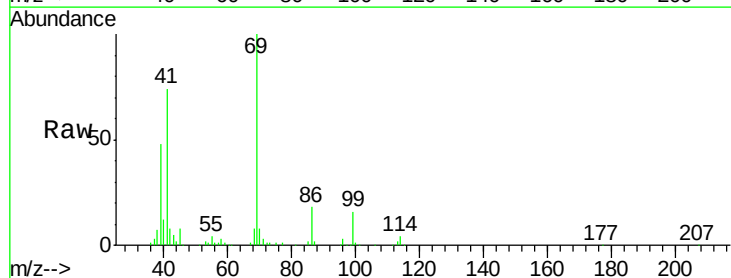
Tgt Ion: 69 Resp: 45066

Ion Ratio Lower Upper

69 100

41 72.3 57.8 86.6

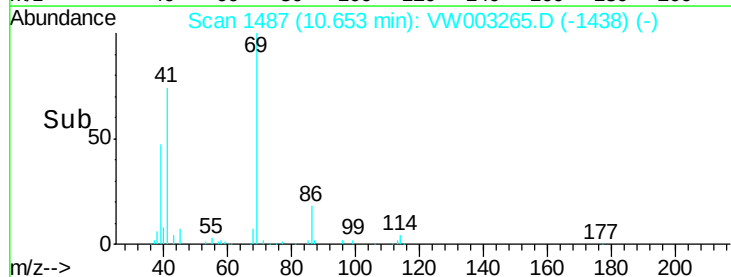
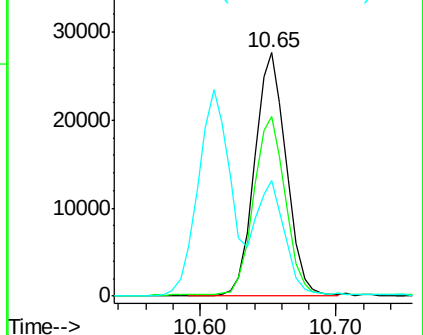
39 42.4 32.7 49.1

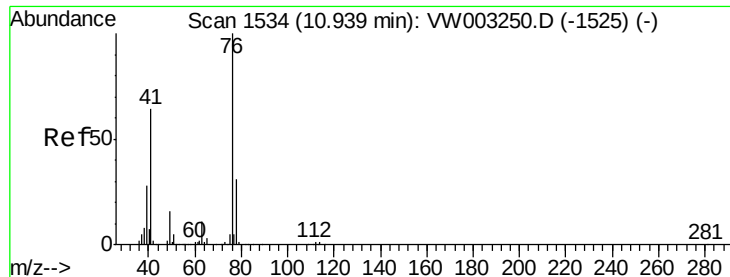


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

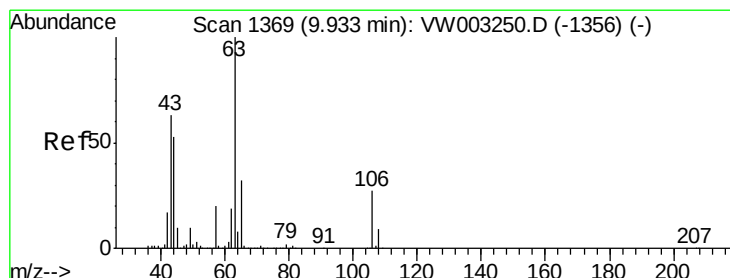
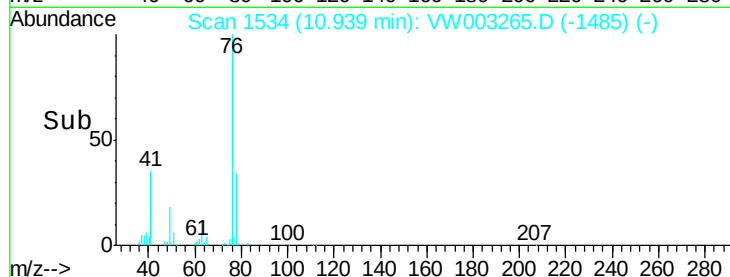
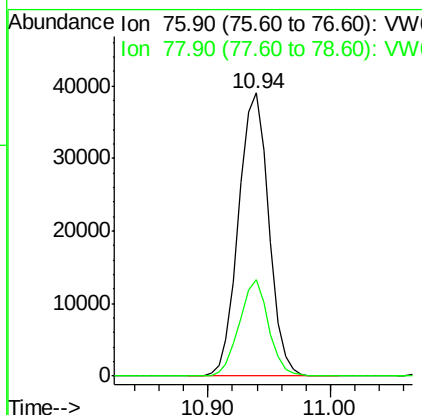
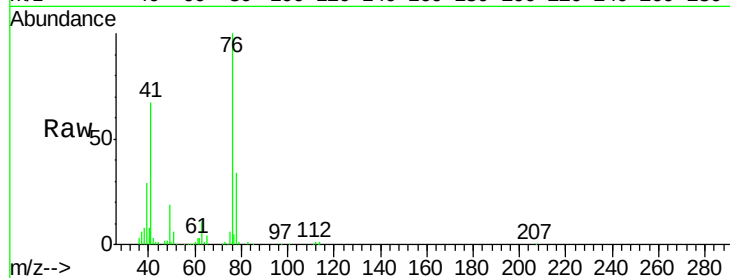




#57
 1,3-Dichloropropane
 Concen: 20.484 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

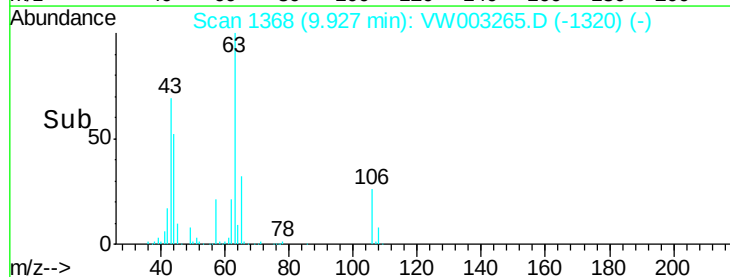
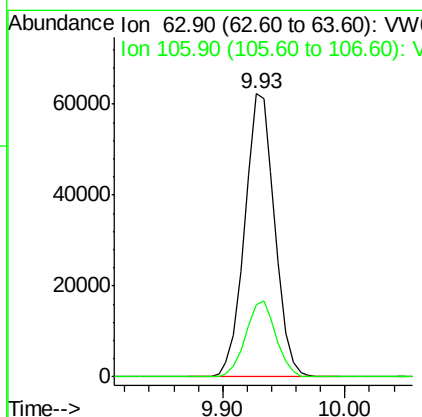
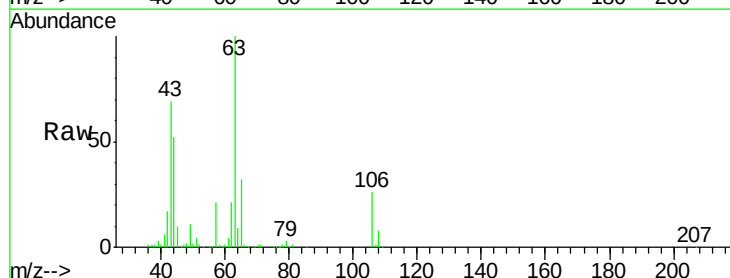
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

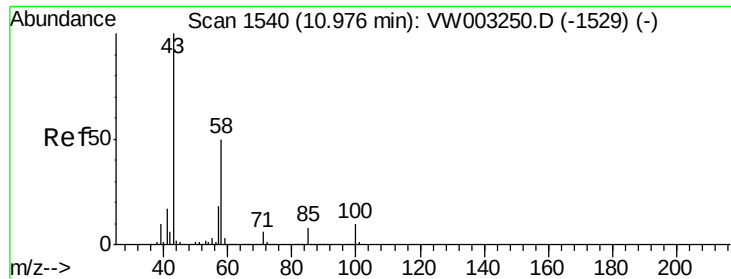
Tgt Ion: 76 Resp: 67031
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.787 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 63 Resp: 106160
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.8

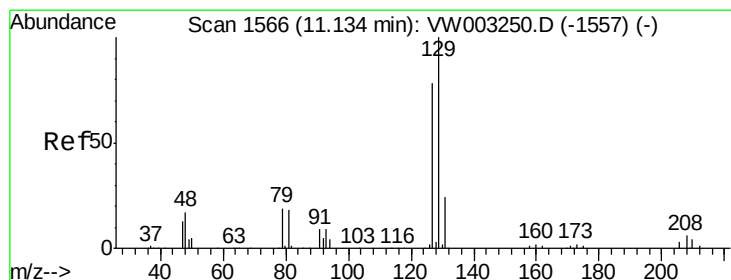
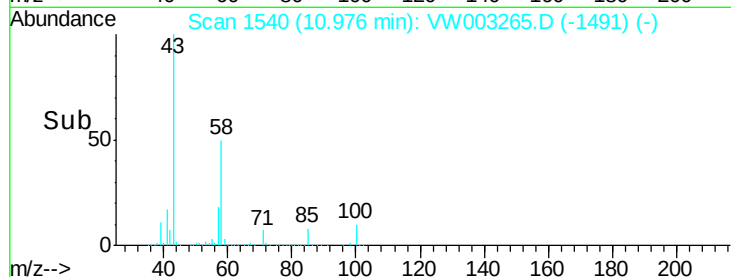
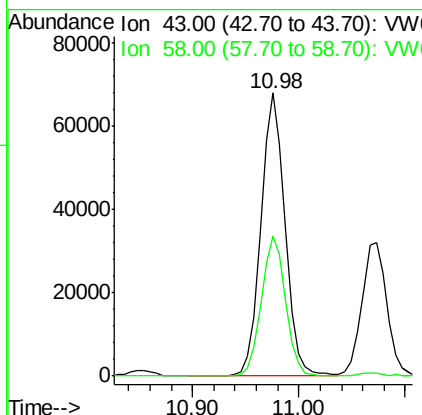
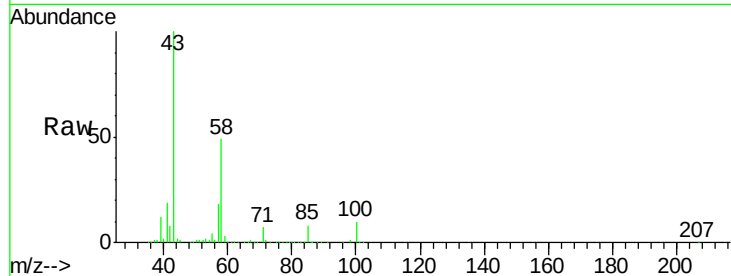




#59
2-Hexanone
Concen: 98.704 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

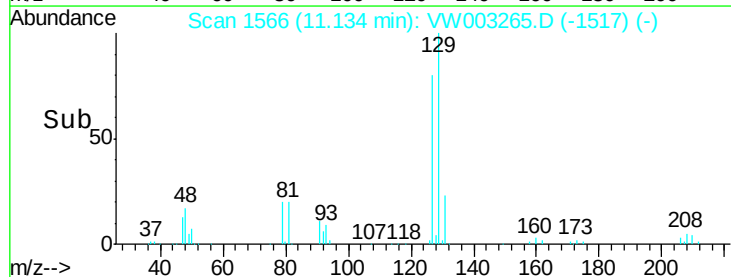
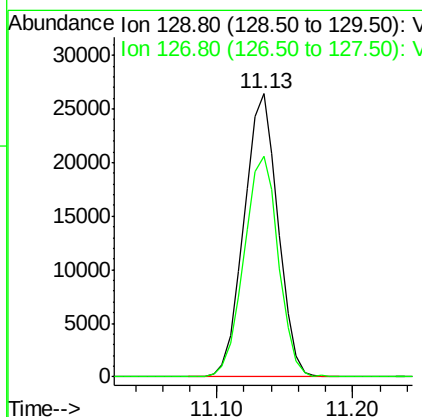
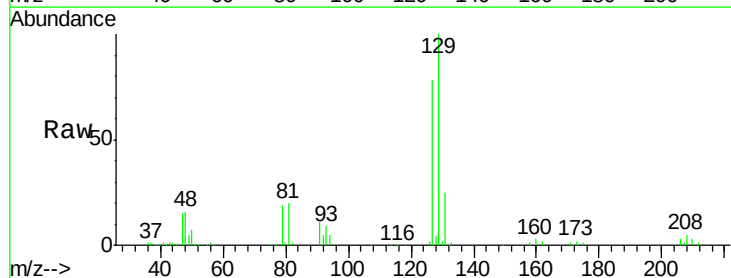
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

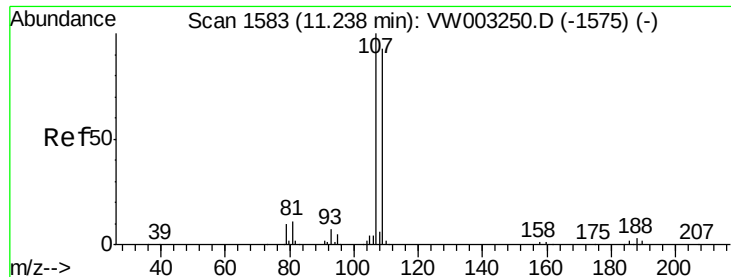
Tgt Ion: 43 Resp: 108302
Ion Ratio Lower Upper
43 100
58 49.7 25.0 75.0



#60
Dibromochloromethane
Concen: 20.449 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 129 Resp: 46139
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 20.538 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

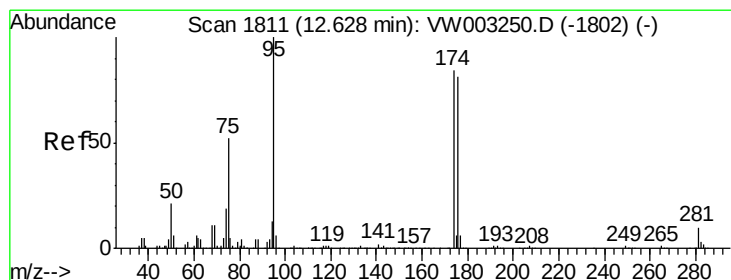
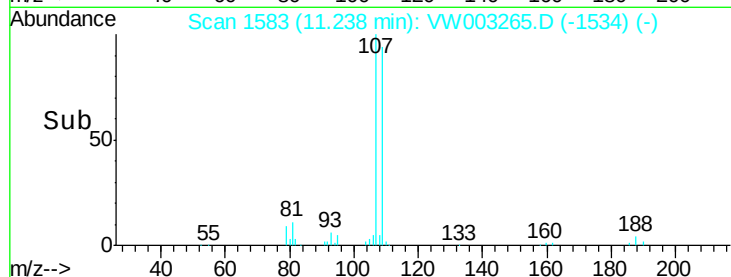
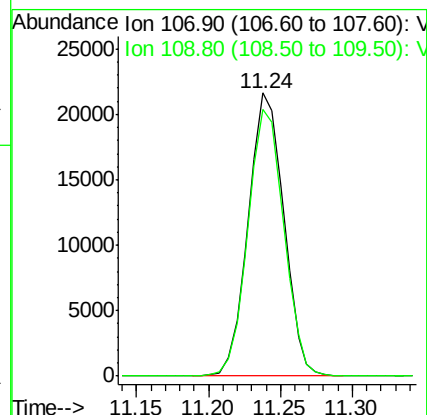
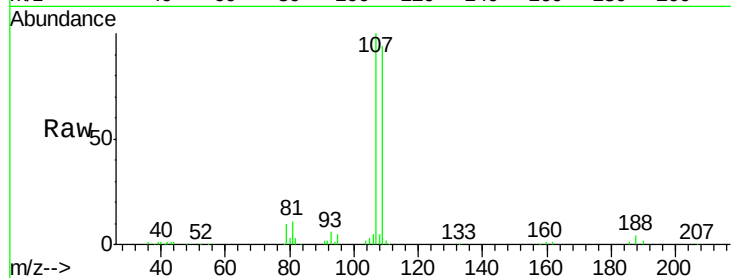
VW0615SBSD01

Tgt Ion: 107 Resp: 36859

Ion Ratio Lower Upper

107 100

109 95.5 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 51.852 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

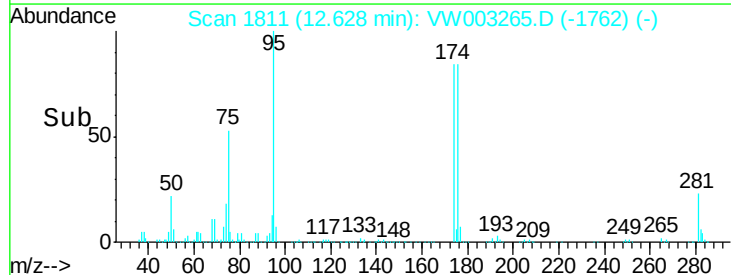
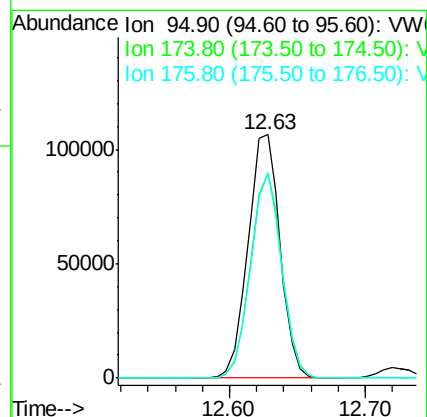
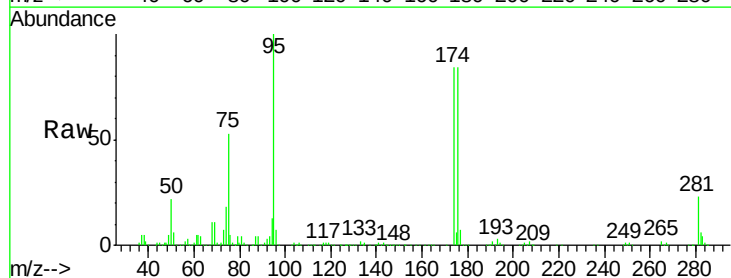
Tgt Ion: 95 Resp: 175427

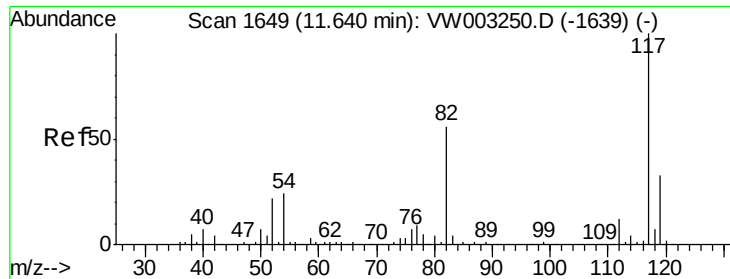
Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.4

176 81.0 0.0 162.0

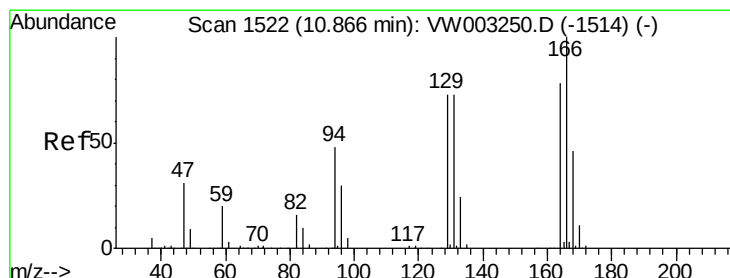
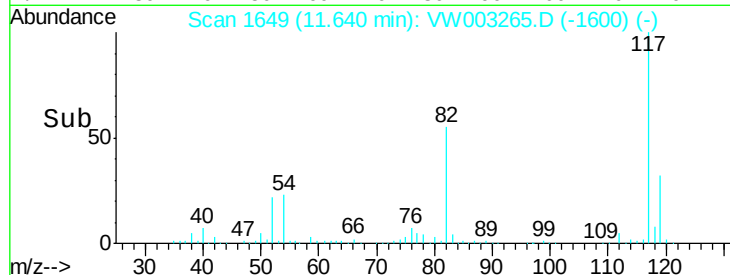
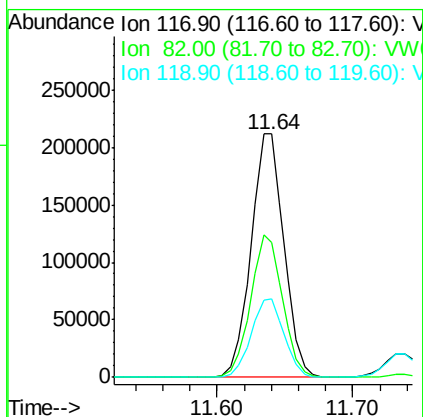
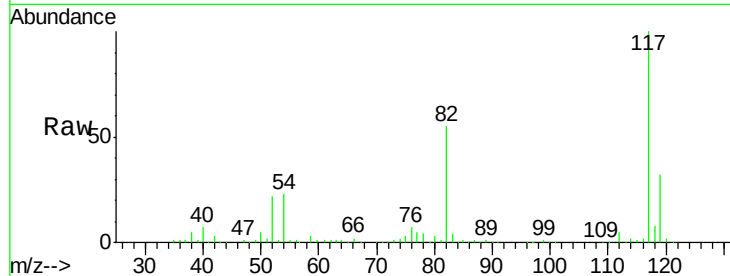




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

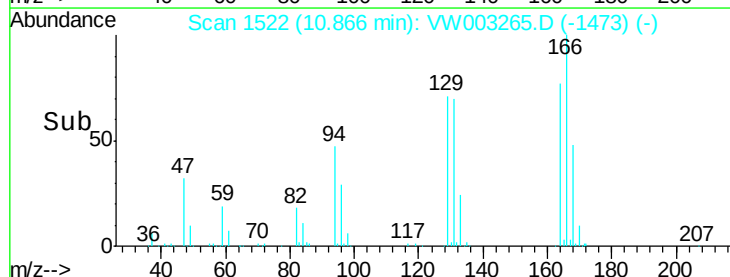
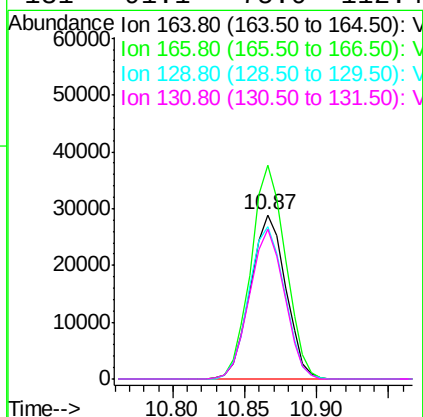
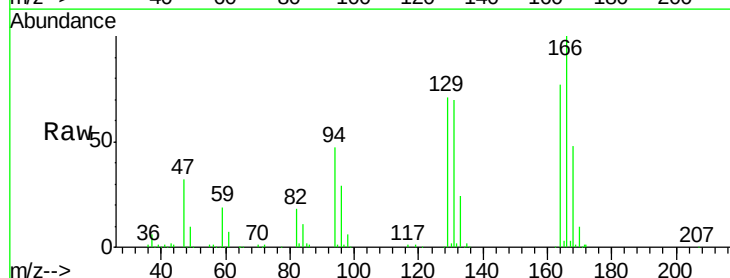
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

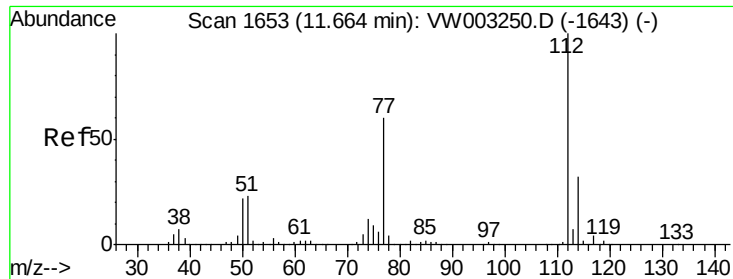
Tgt Ion:117 Resp: 358520
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.4 26.7 40.1



#64
Tetrachloroethene
Concen: 20.401 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion:164 Resp: 48921
Ion Ratio Lower Upper
164 100
166 130.2 102.6 154.0
129 92.7 75.2 112.8
131 91.1 75.0 112.4

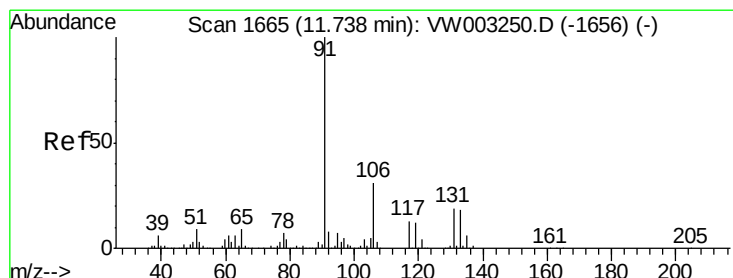
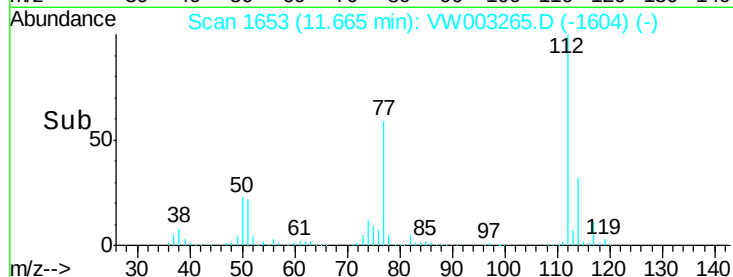
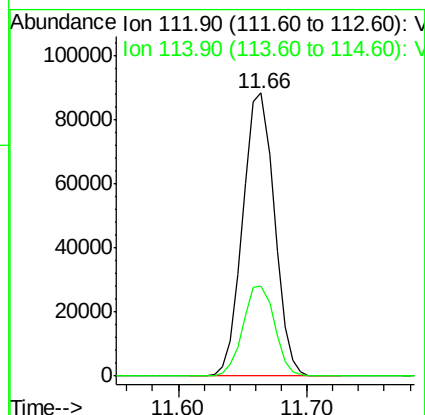
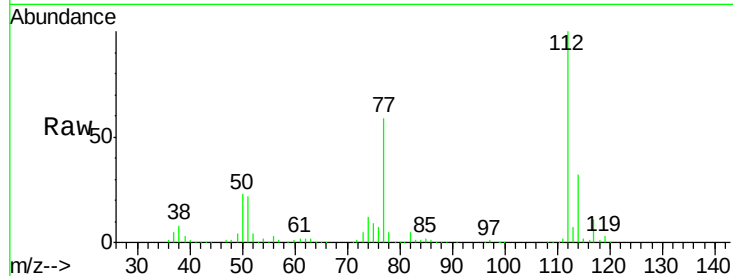




#65
Chlorobenzene
Concen: 20.106 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

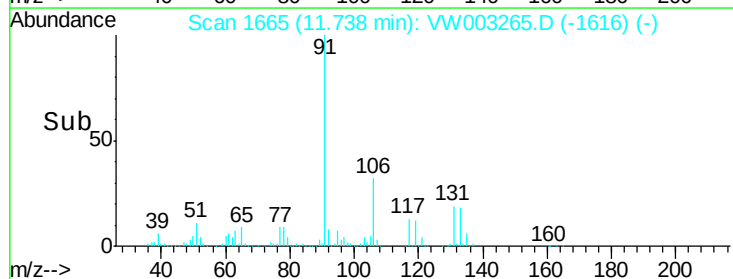
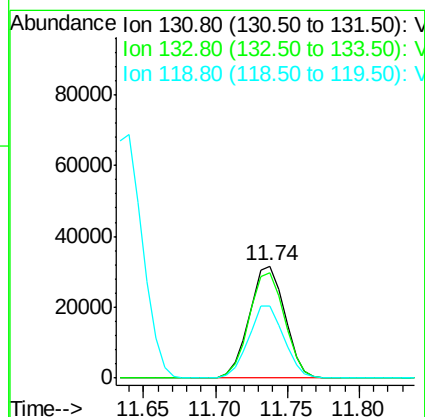
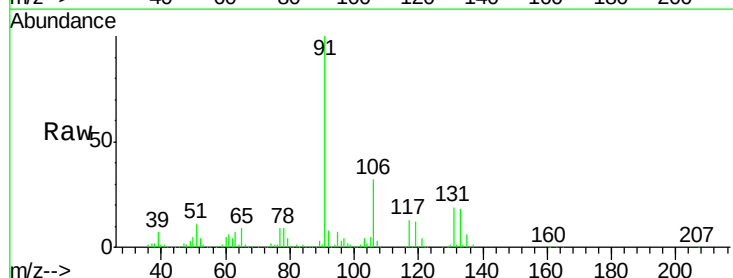
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

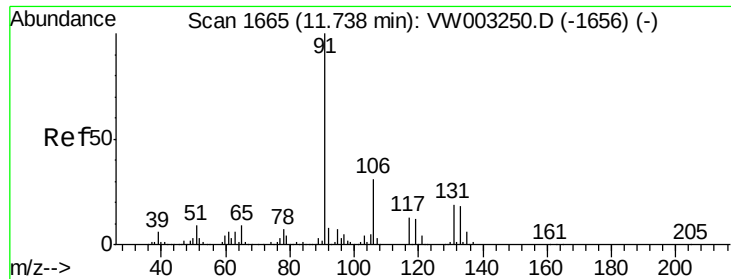
Tgt Ion:112 Resp: 150112
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.561 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion:131 Resp: 53944
Ion Ratio Lower Upper
131 100
133 94.5 47.3 142.0
119 64.5 32.5 97.4

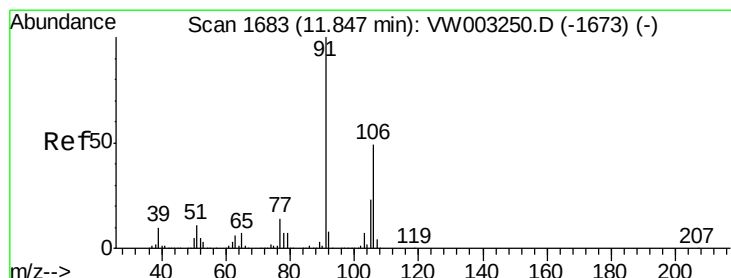
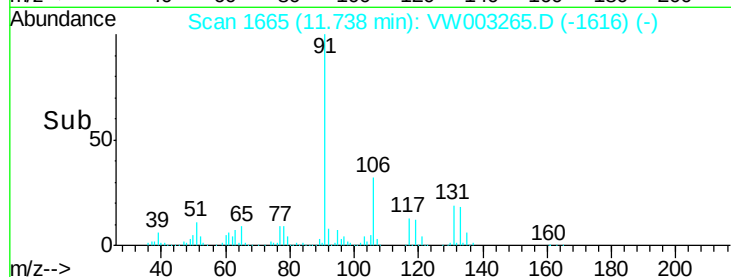
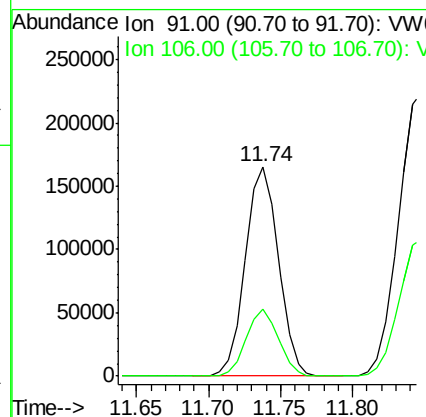
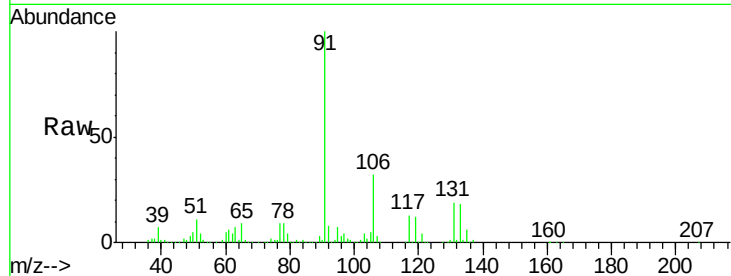




#67
Ethyl Benzene
Concen: 19.898 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

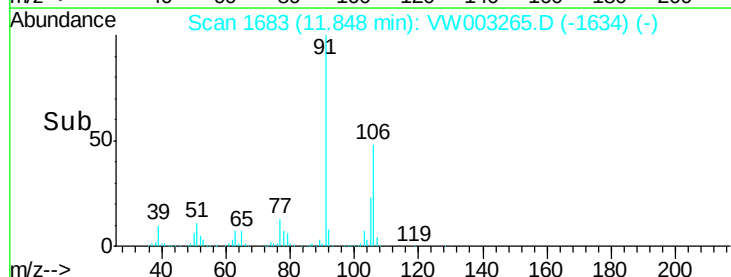
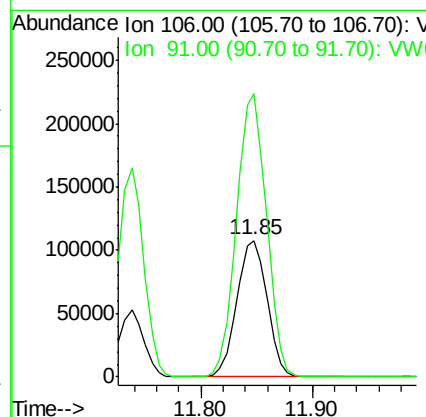
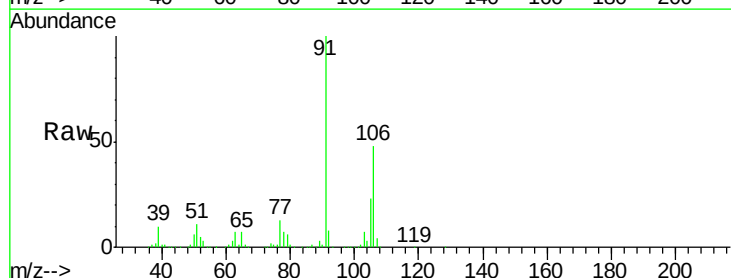
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

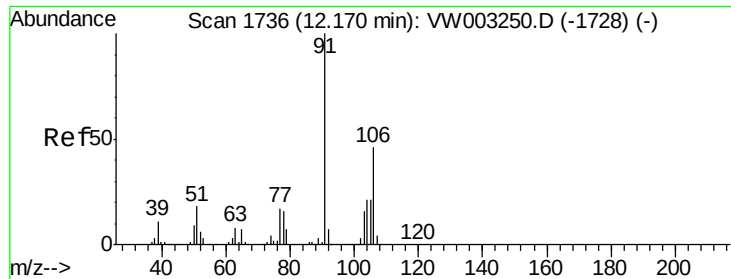
Tgt Ion: 91 Resp: 263337
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1



#68
m/p-Xylenes
Concen: 40.166 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion: 106 Resp: 202067
Ion Ratio Lower Upper
106 100
91 205.9 165.4 248.0

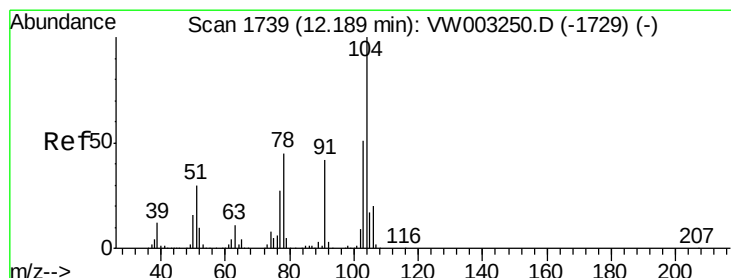
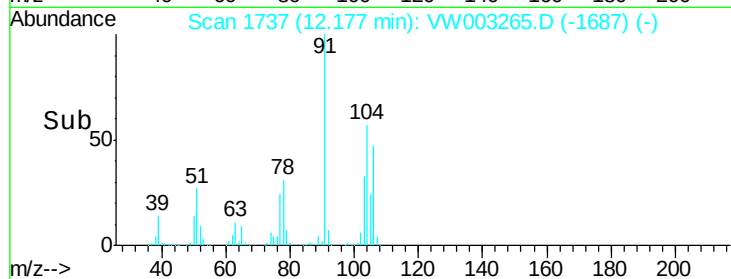
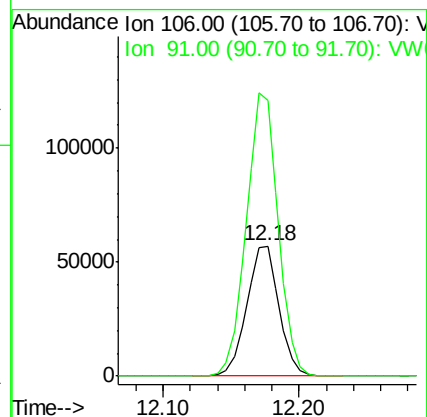
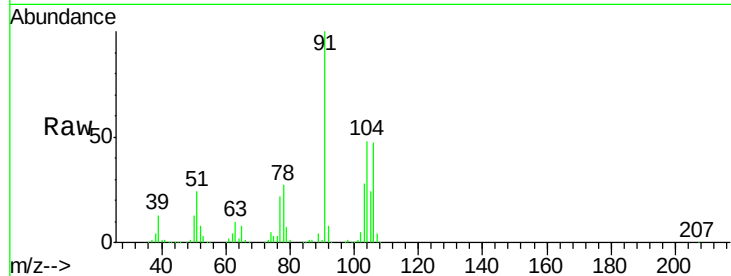




#69
o-Xylene
Concen: 20.176 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

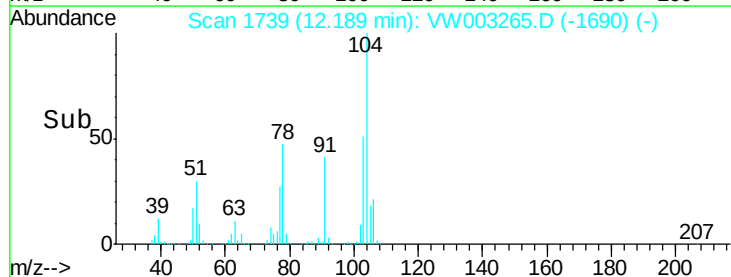
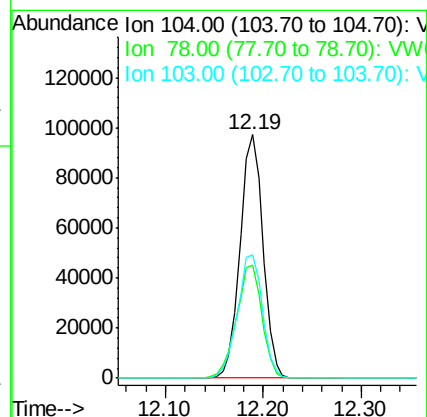
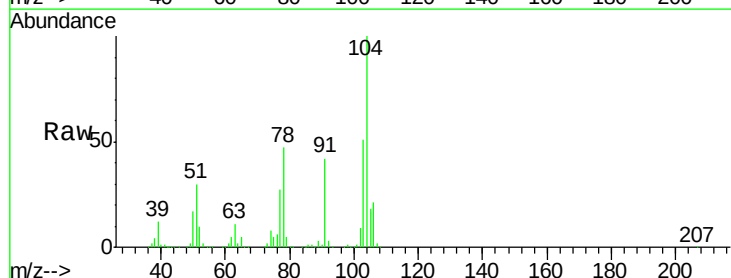
Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

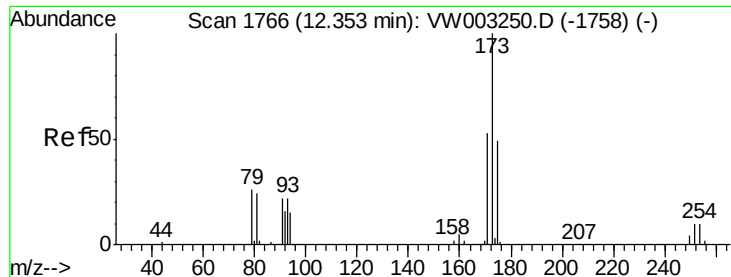
Tgt Ion:106 Resp: 94069
Ion Ratio Lower Upper
106 100
91 215.9 108.6 325.6



#70
Styrene
Concen: 20.428 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion:104 Resp: 158535
Ion Ratio Lower Upper
104 100
78 51.5 41.3 61.9
103 55.4 45.0 67.4





#71

Bromoform

Concen: 20.056 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBS01

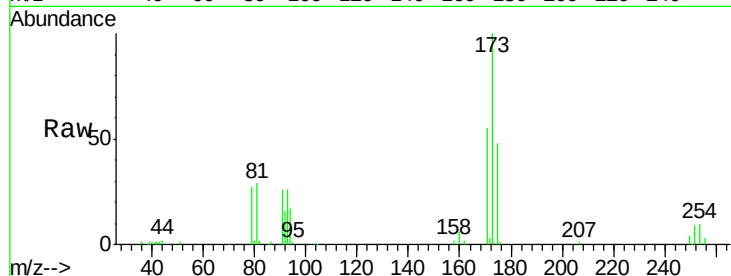
Tgt Ion:173 Resp: 27271

Ion Ratio Lower Upper

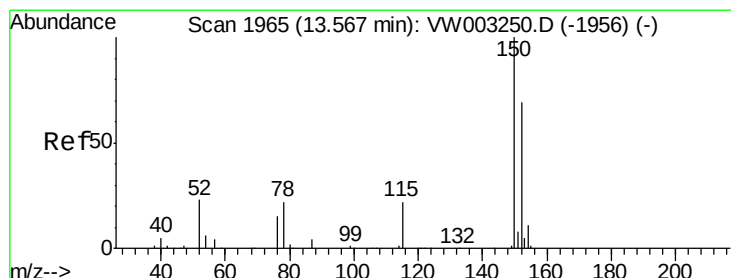
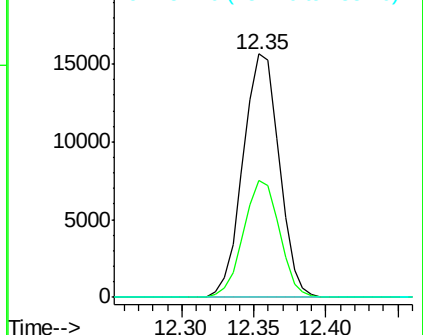
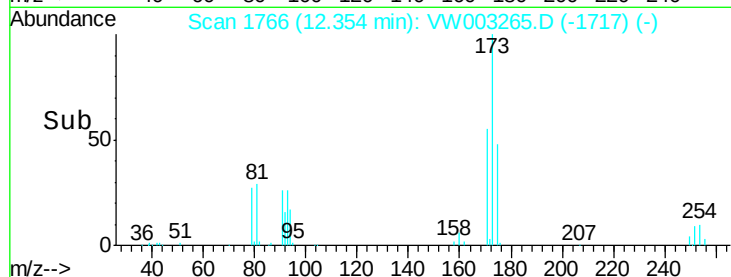
173 100

175 47.7 24.4 73.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

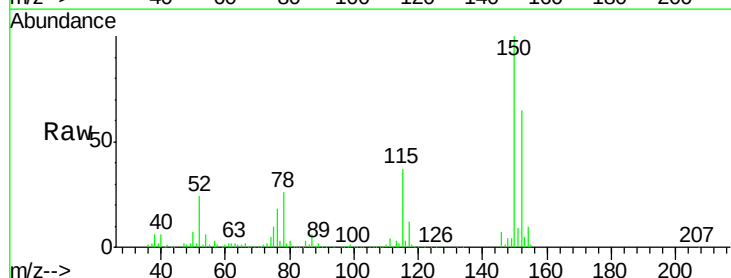
Tgt Ion:152 Resp: 195428

Ion Ratio Lower Upper

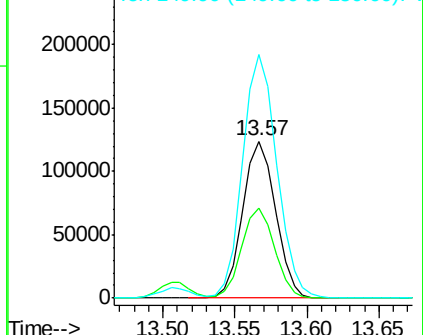
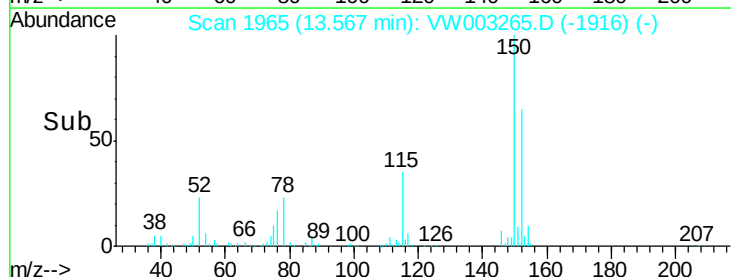
152 100

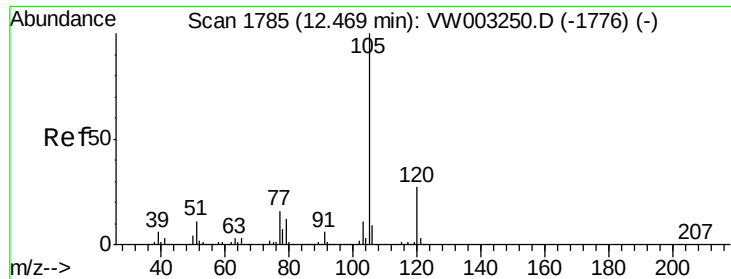
115 57.7 29.3 88.0

150 162.2 0.0 349.6



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





#73

Isopropylbenzene

Concen: 19.260 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

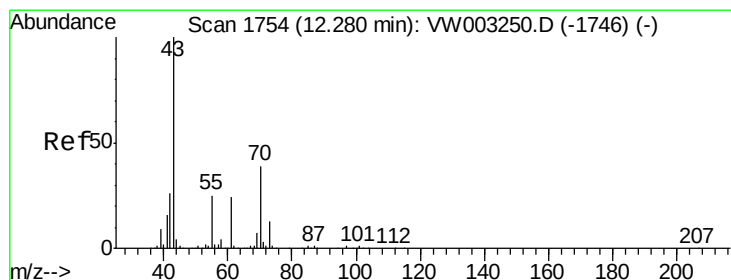
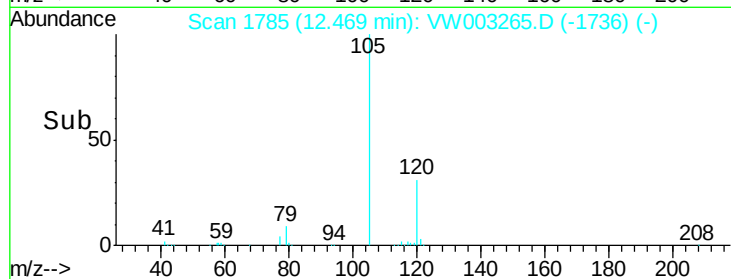
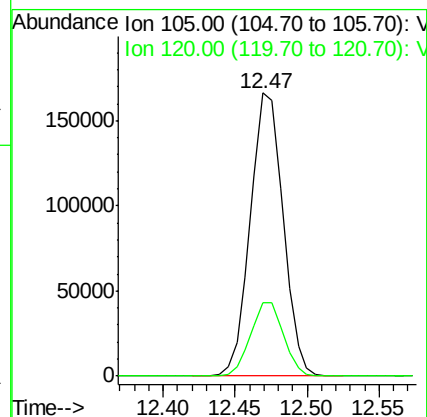
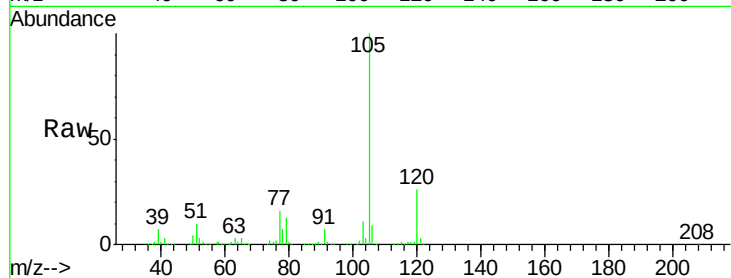
VW0615SBSD01

Tgt Ion:105 Resp: 261799

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 18.991 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Tgt Ion: 43 Resp: 58756

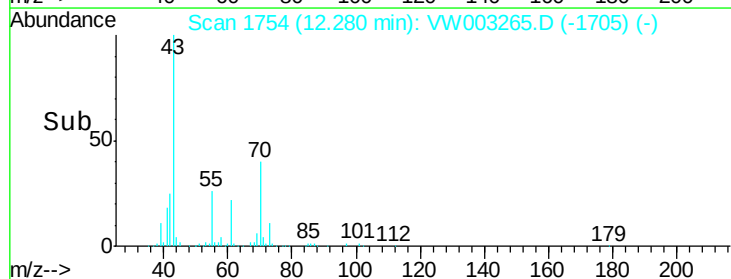
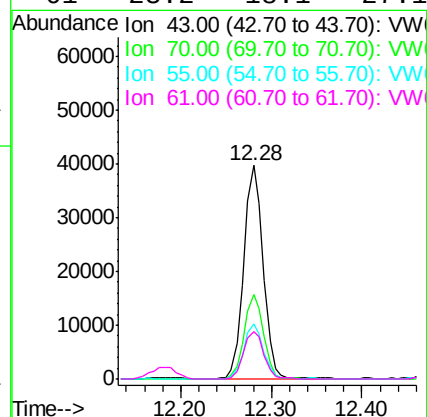
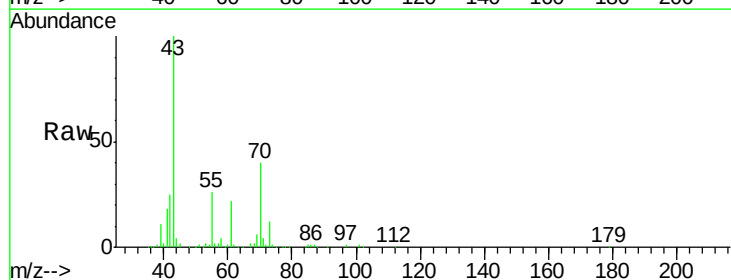
Ion Ratio Lower Upper

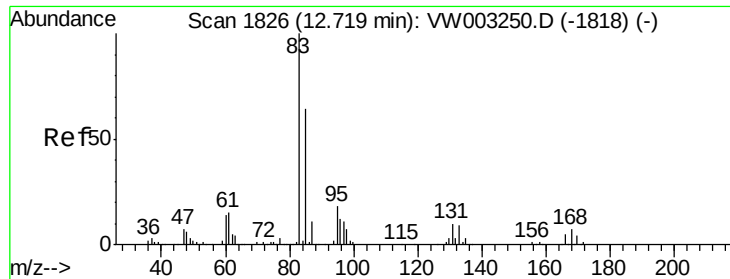
43 100

70 39.6 31.0 46.6

55 26.4 19.7 29.5

61 23.2 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.816 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampled :

VW0615SBSD01

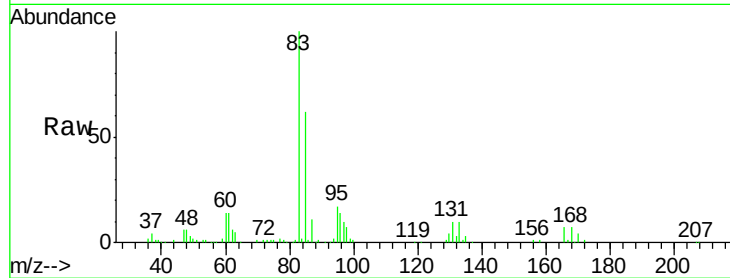
Tgt Ion: 83 Resp: 45570

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

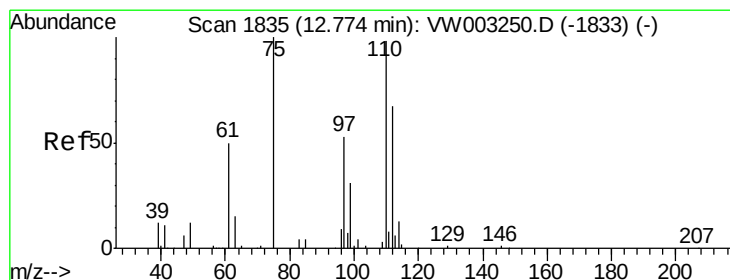
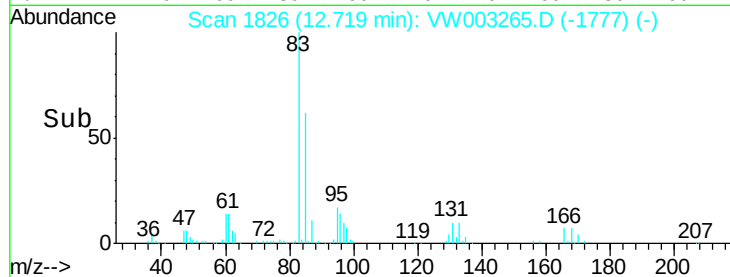
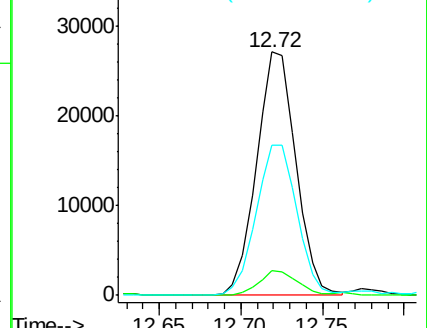
85 63.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.172 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003265.D

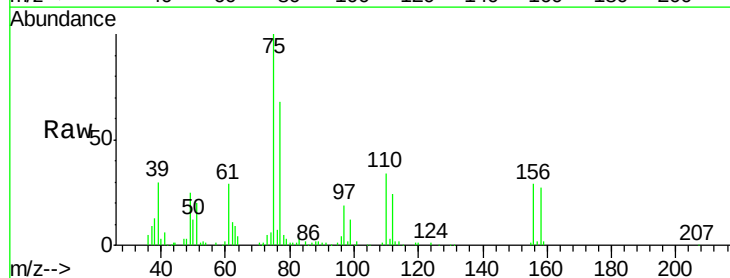
Acq: 14 Jun 2018 20:32

Tgt Ion: 75 Resp: 60432

Ion Ratio Lower Upper

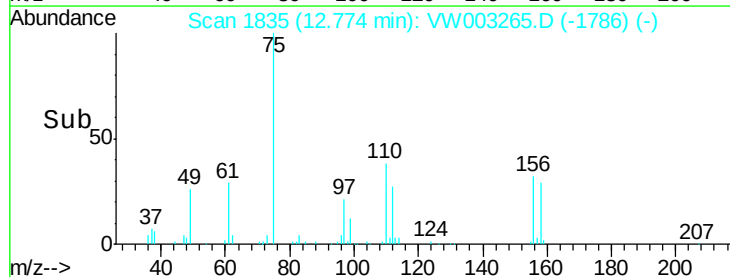
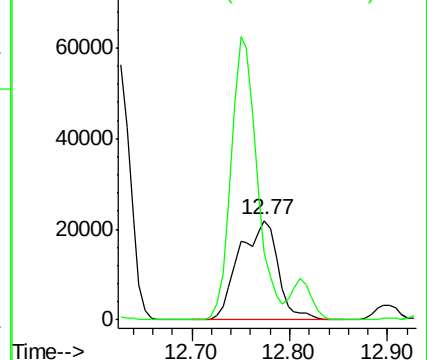
75 100

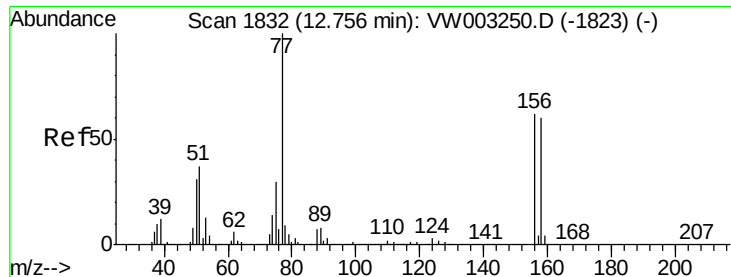
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.146 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBSD01

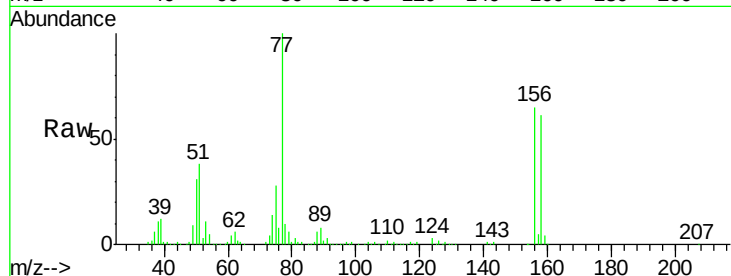
Tgt Ion:156 Resp: 63774

Ion Ratio Lower Upper

156 100

77 181.1 92.3 276.9

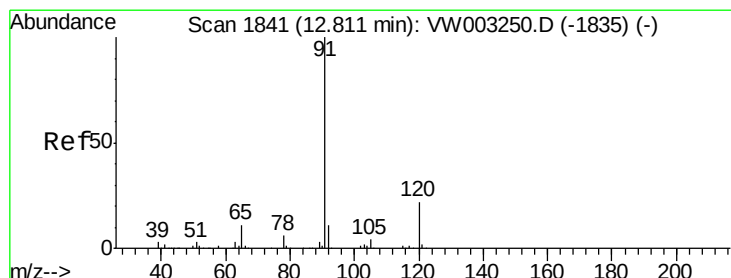
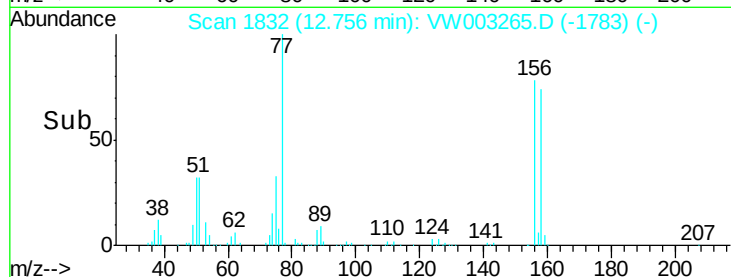
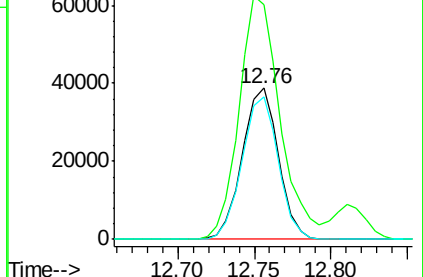
158 94.0 47.5 142.6



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: 19.573 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003265.D

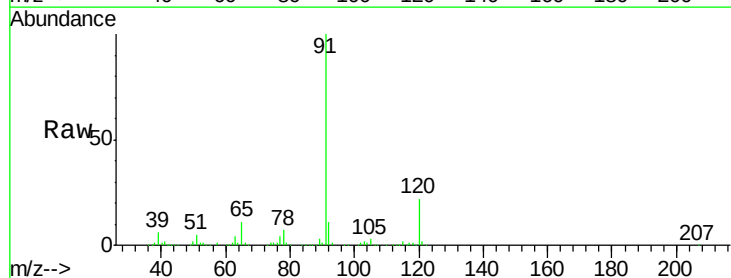
Acq: 14 Jun 2018 20:32

Tgt Ion: 91 Resp: 325776

Ion Ratio Lower Upper

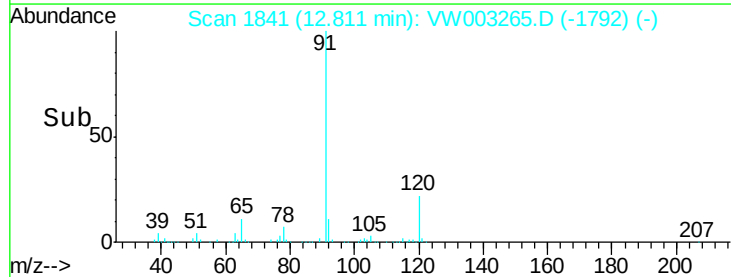
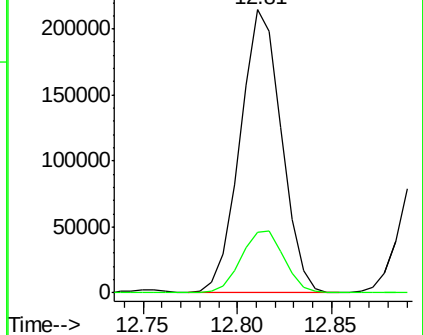
91 100

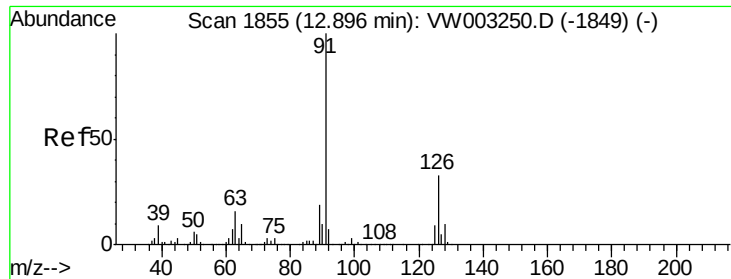
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.729 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

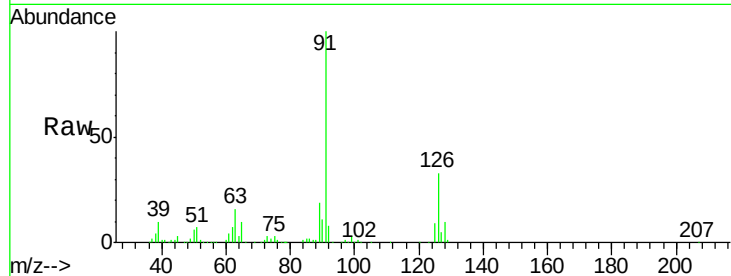
VW0615SBSD01

Tgt Ion: 91 Resp: 185574

Ion Ratio Lower Upper

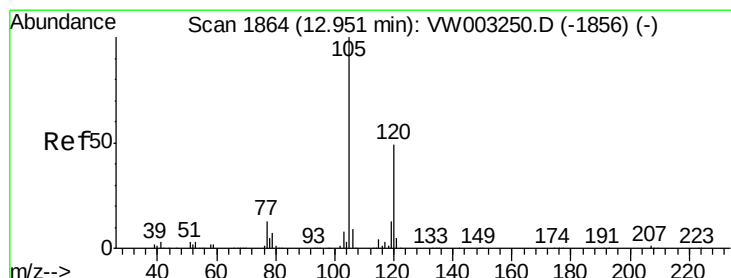
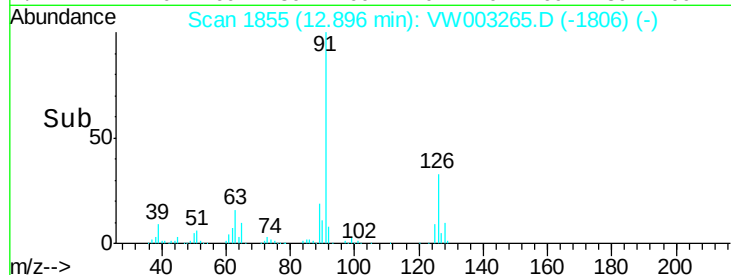
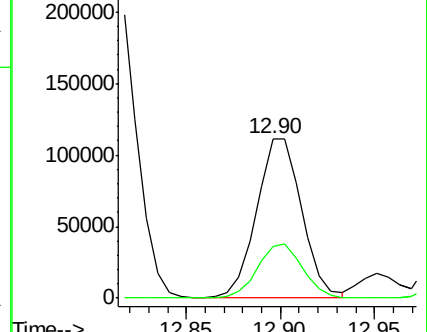
91 100

126 33.8 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: 19.799 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003265.D

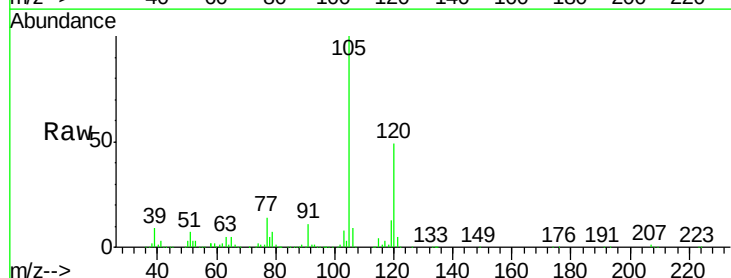
Acq: 14 Jun 2018 20:32

Tgt Ion: 105 Resp: 225898

Ion Ratio Lower Upper

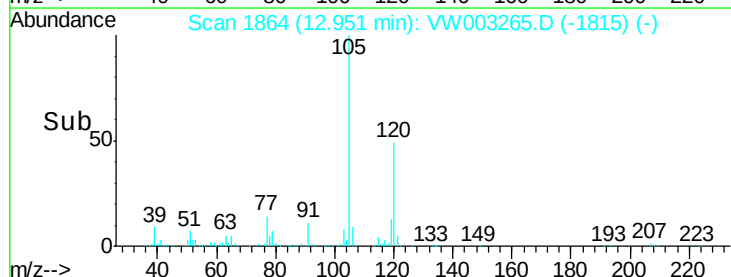
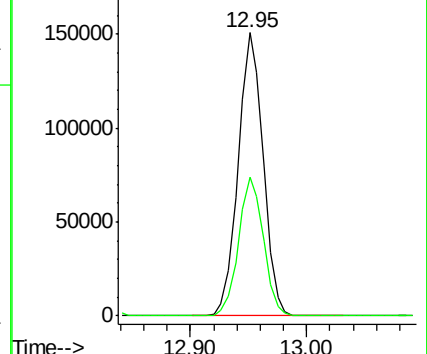
105 100

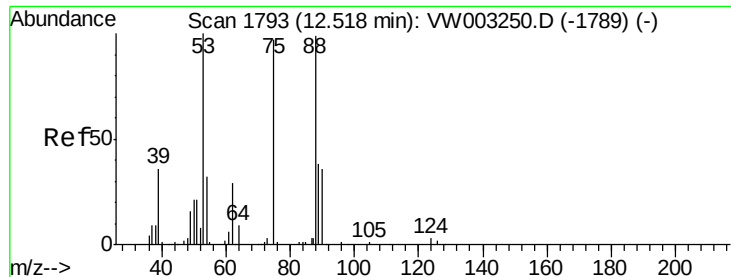
120 48.8 24.3 72.9



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: 18.770 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBSD01

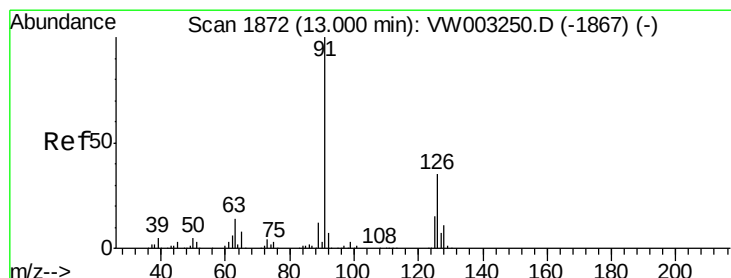
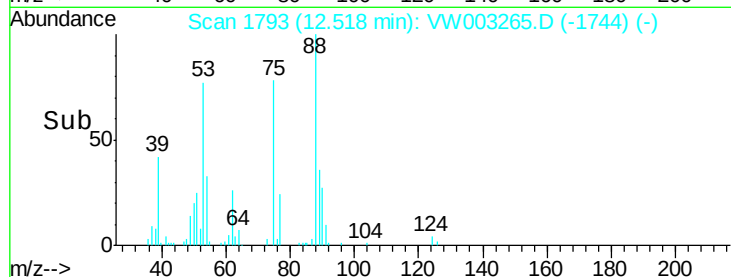
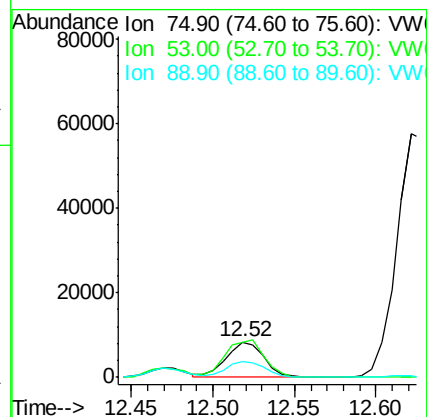
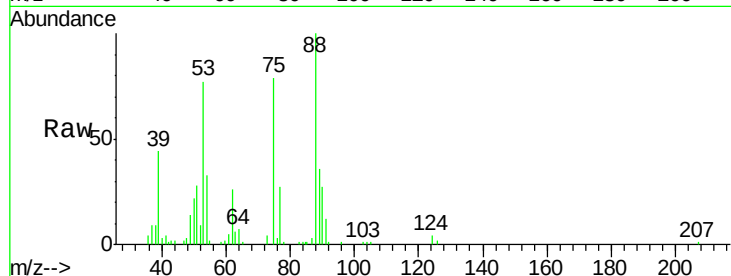
Tgt Ion: 75 Resp: 13628

Ion Ratio Lower Upper

75 100

53 106.9 82.9 124.3

89 45.6 36.7 55.1



#82

4-Chlorotoluene

Concen: 19.805 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW003265.D

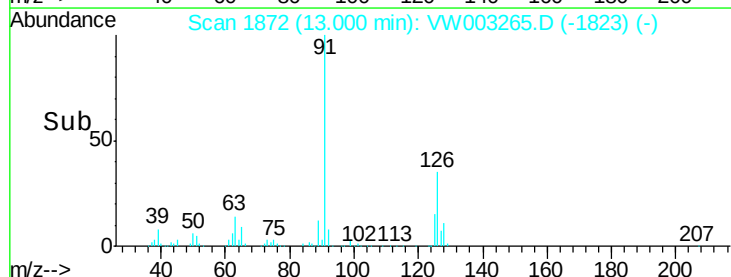
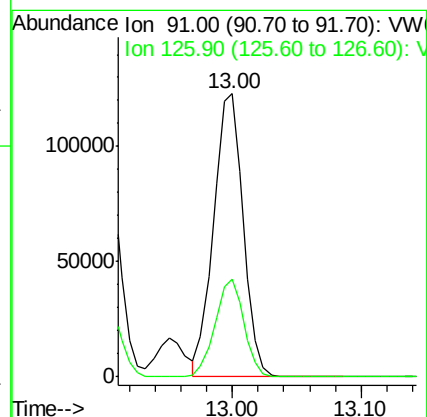
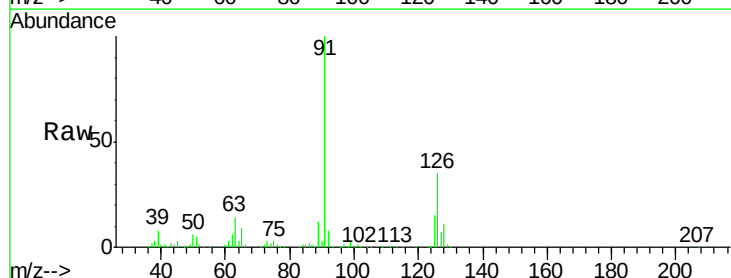
Acq: 14 Jun 2018 20:32

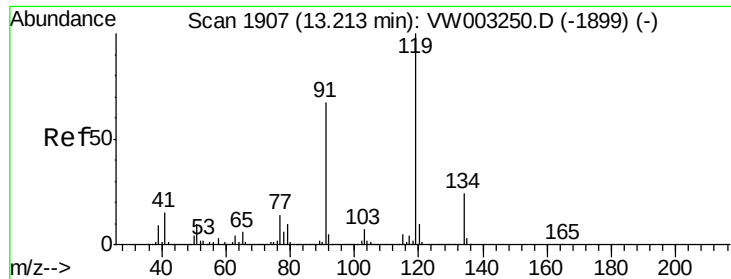
Tgt Ion: 91 Resp: 197613

Ion Ratio Lower Upper

91 100

126 33.9 16.8 50.3

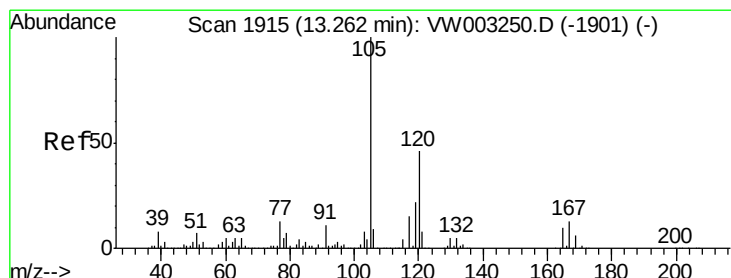
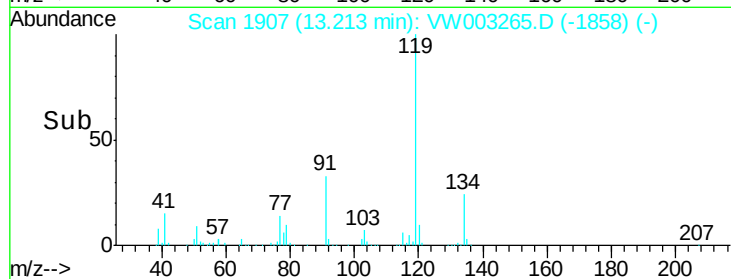
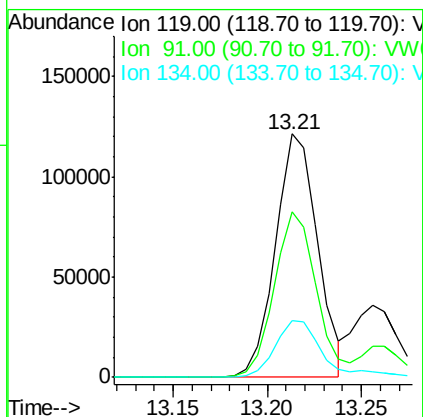
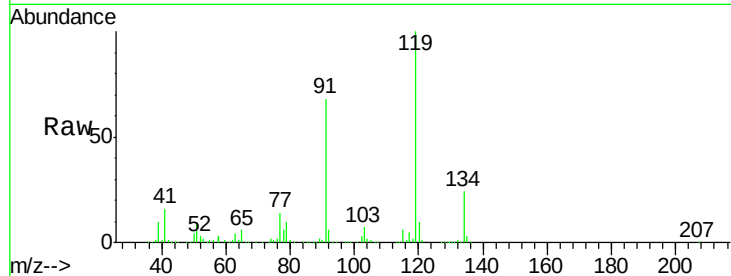




#83
 tert-Butylbenzene
 Concen: 19.391 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

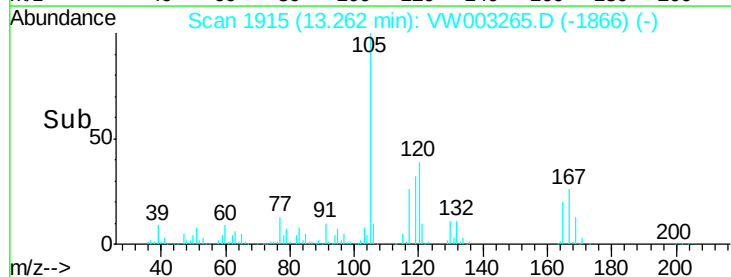
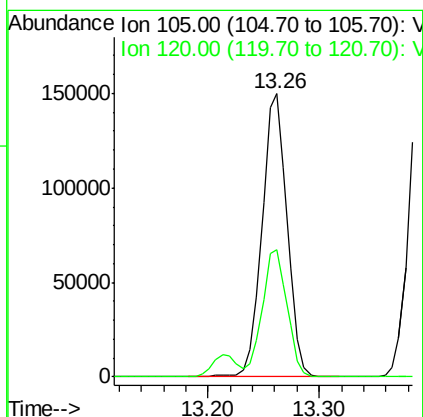
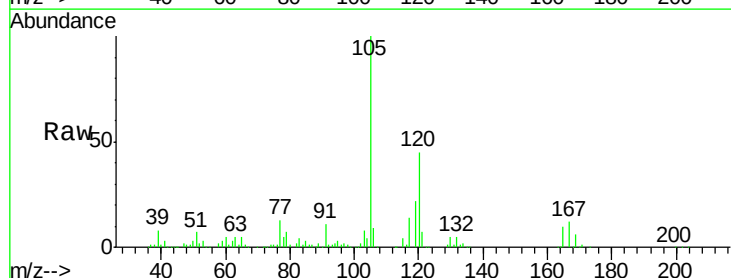
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

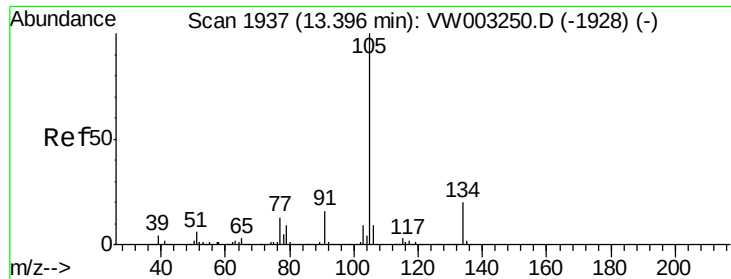
Tgt Ion:119 Resp: 188542
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.9 101.7
 134 26.2 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.072 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion:105 Resp: 235571
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5

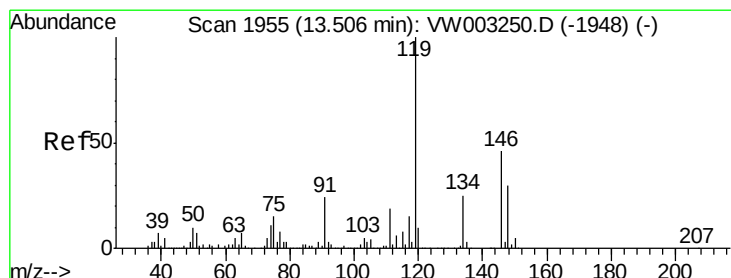
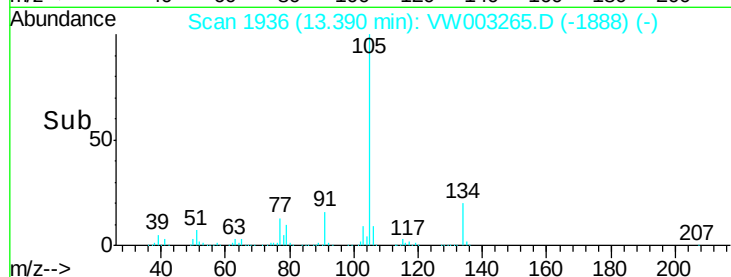
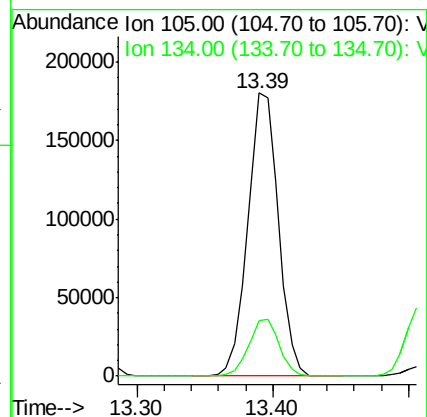
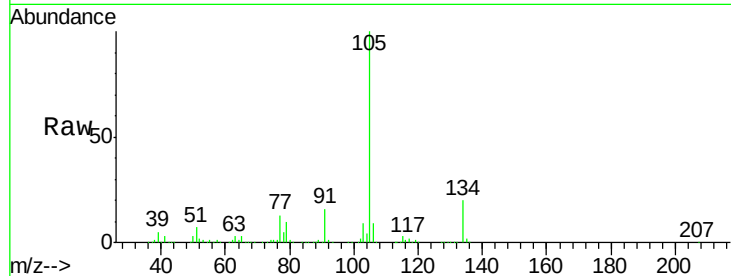




#85
 sec-Butylbenzene
 Concen: 19.612 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

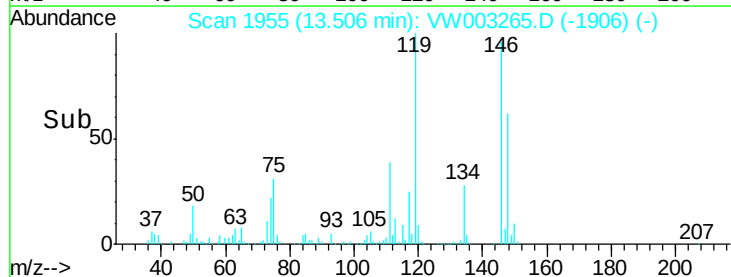
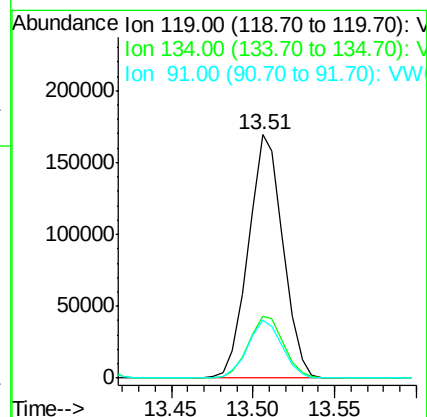
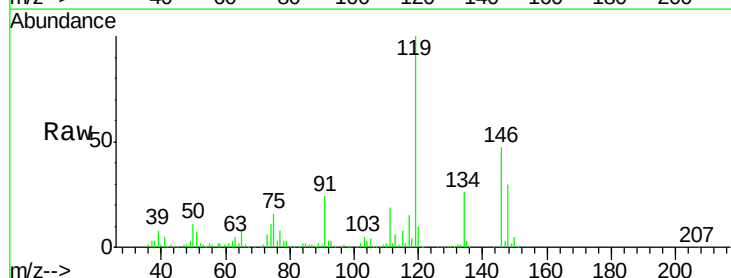
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

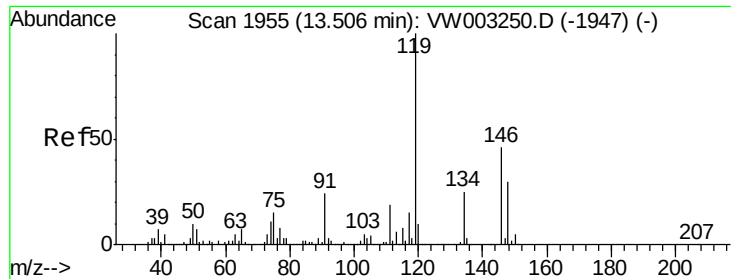
Tgt Ion:105 Resp: 283454
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.584 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion:119 Resp: 249639
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.7 11.8 35.3

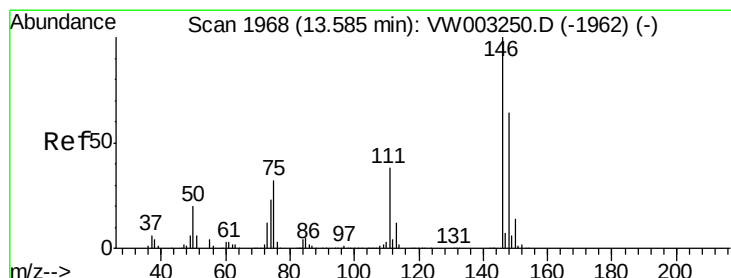
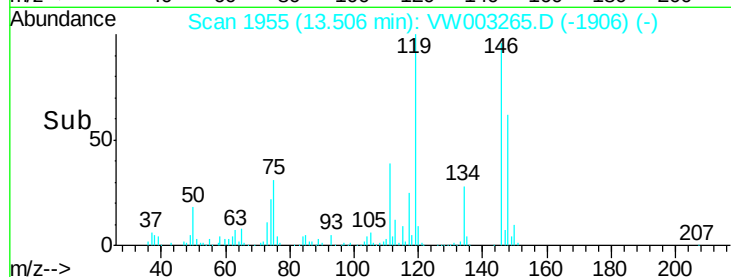
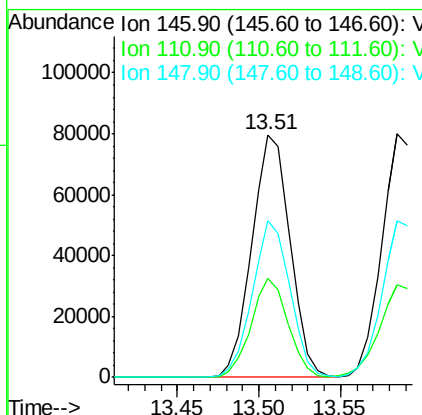
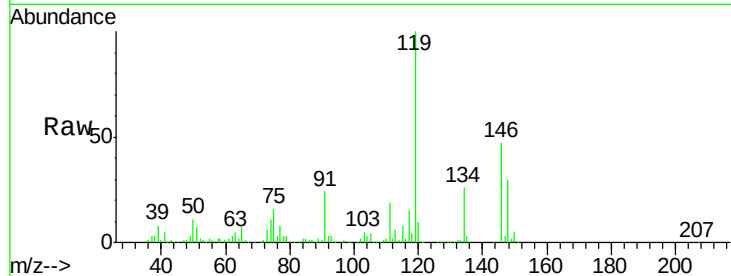




#87
 1,3-Dichlorobenzene
 Concen: 20.022 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

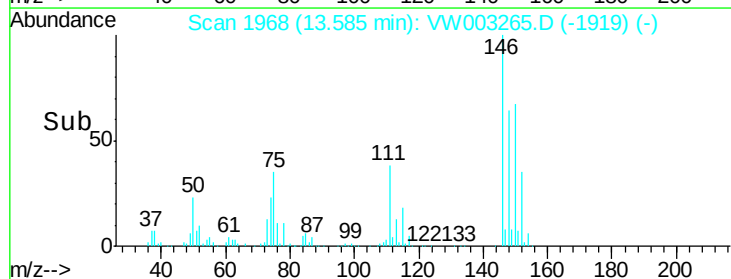
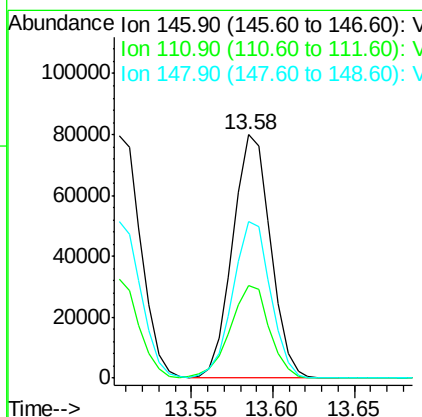
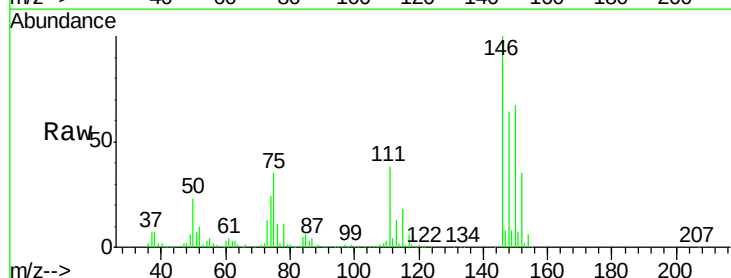
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

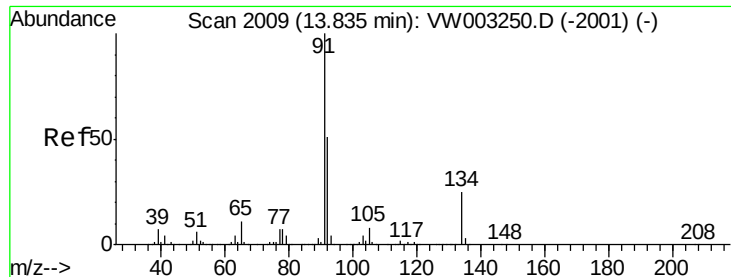
Tgt Ion:146 Resp: 130204
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.8 59.4
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.021 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion:146 Resp: 129439
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.2 57.6
 148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 19.317 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003265.D

Acq: 14 Jun 2018 20:32

Instrument :

MSVOA_W

ClientSampleId :

VW0615BBS01

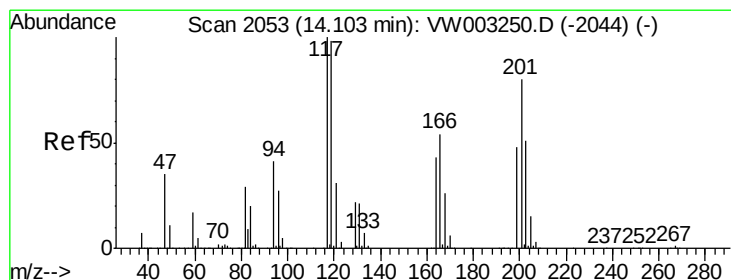
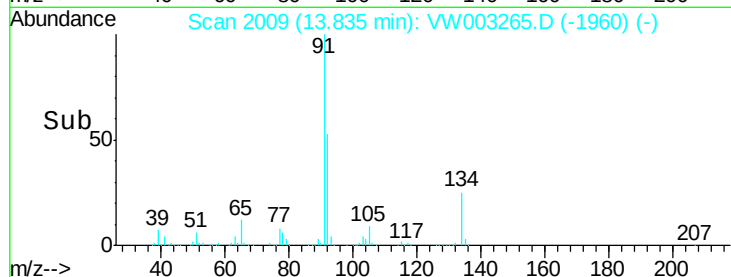
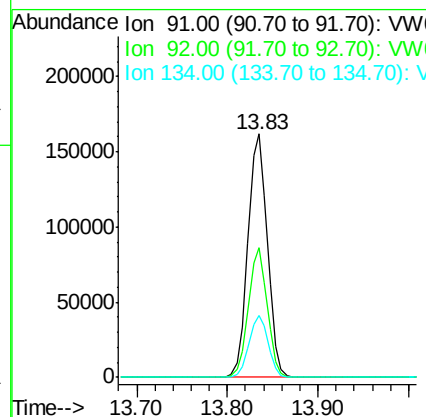
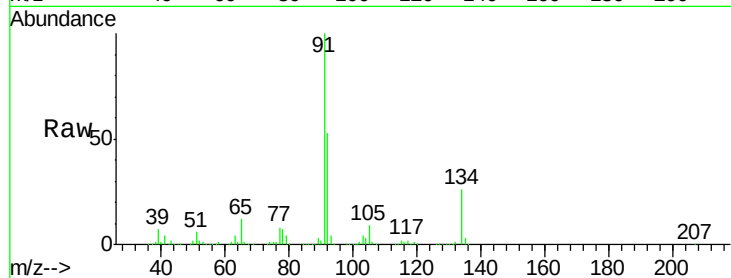
Tgt Ion: 91 Resp: 240029

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

134 25.1 12.7 38.0



#90

Hexachloroethane

Concen: 19.760 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003265.D

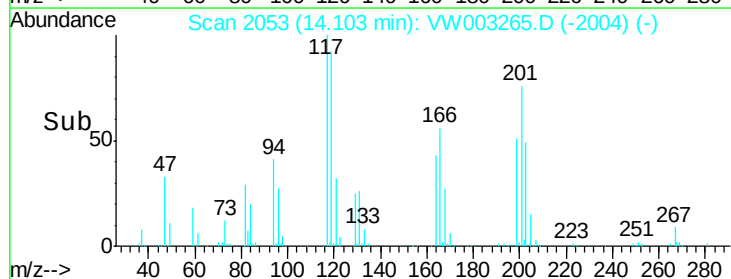
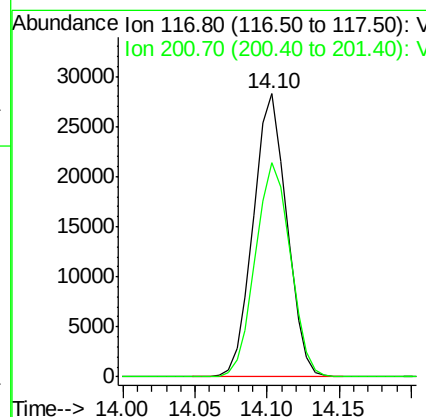
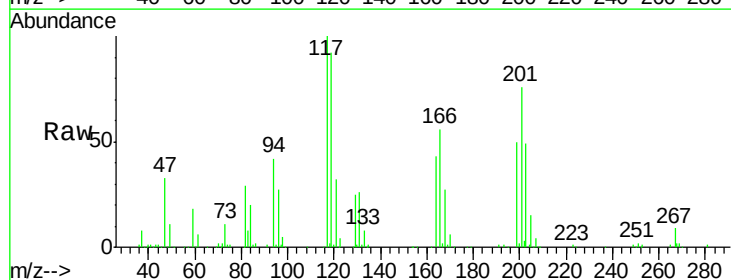
Acq: 14 Jun 2018 20:32

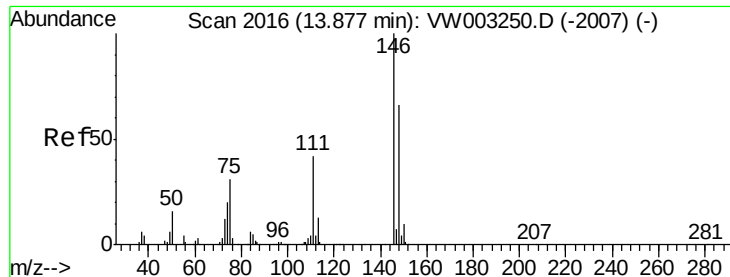
Tgt Ion: 117 Resp: 45566

Ion Ratio Lower Upper

117 100

201 78.8 39.5 118.5

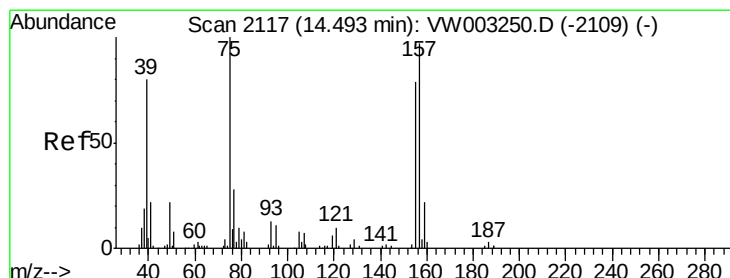
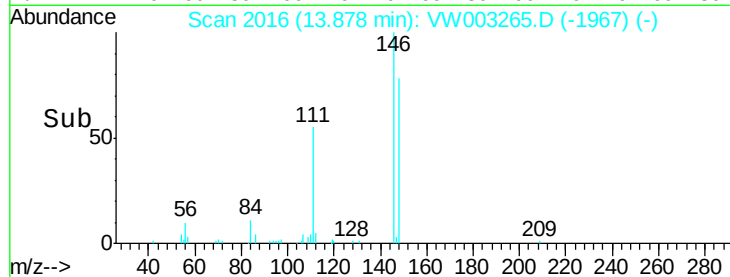
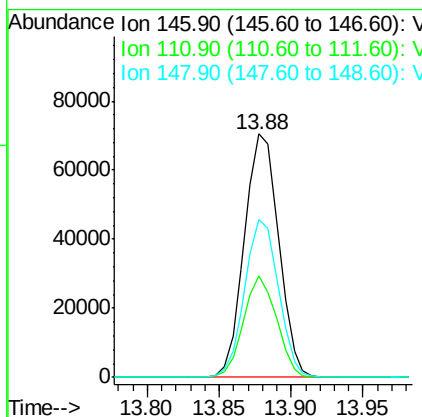
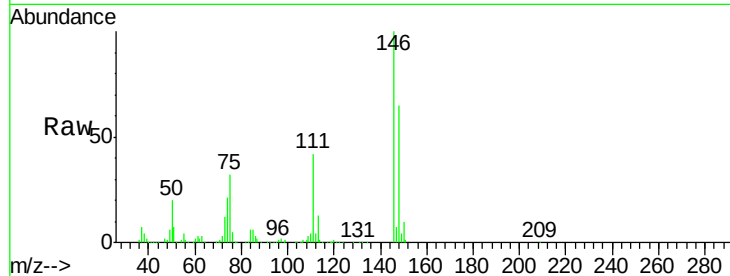




#91
 1,2-Dichlorobenzene
 Concen: 20.441 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

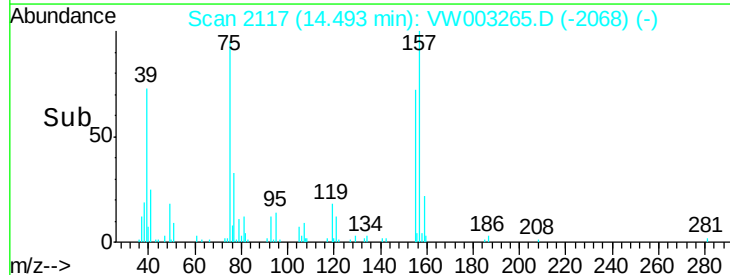
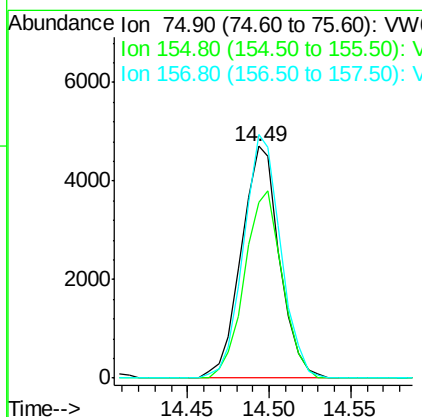
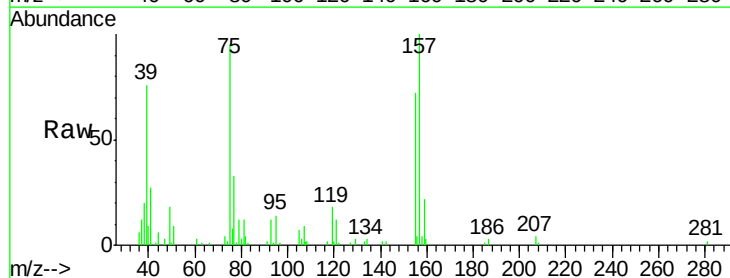
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBSD01

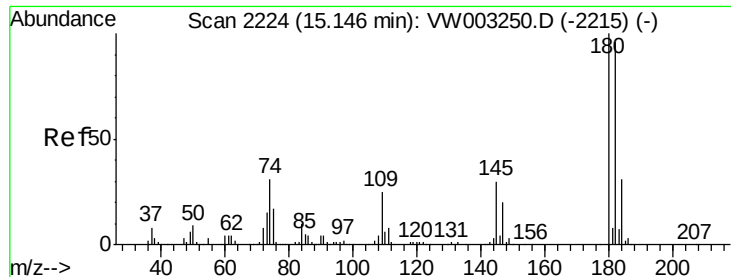
Tgt Ion:146 Resp: 116440
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 61.0
 148 63.9 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.778 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion: 75 Resp: 7654
 Ion Ratio Lower Upper
 75 100
 155 79.3 39.4 118.2
 157 101.9 51.5 154.5

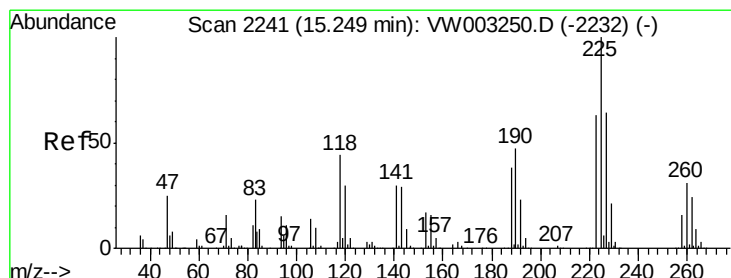
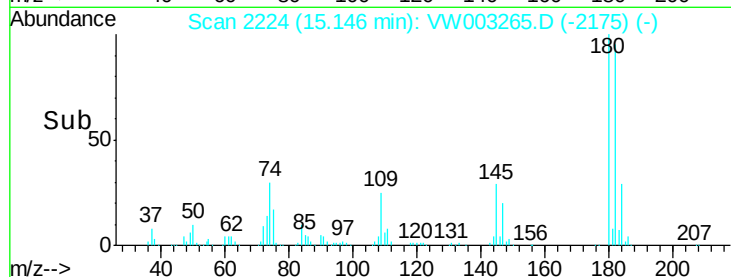
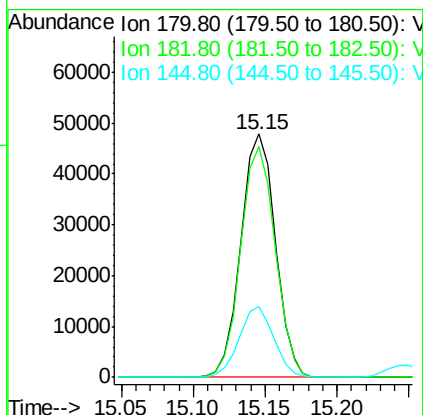
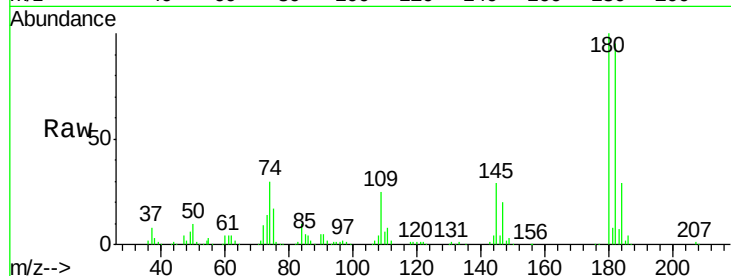




#93
 1,2,4-Trichlorobenzene
 Concen: 19.909 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

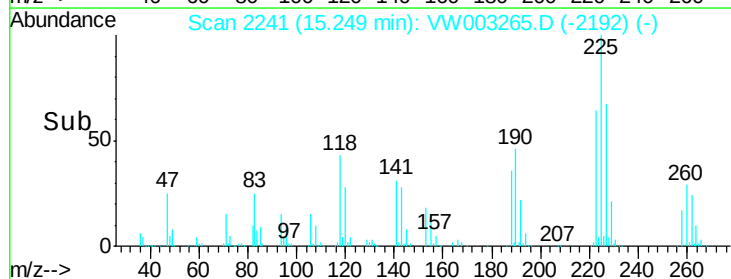
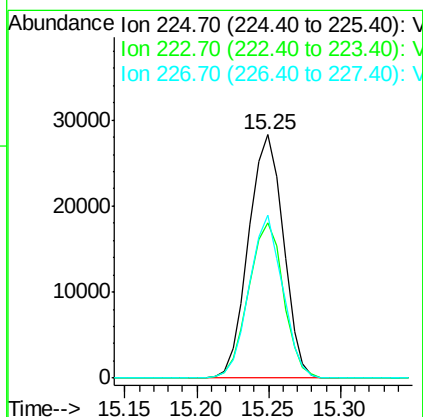
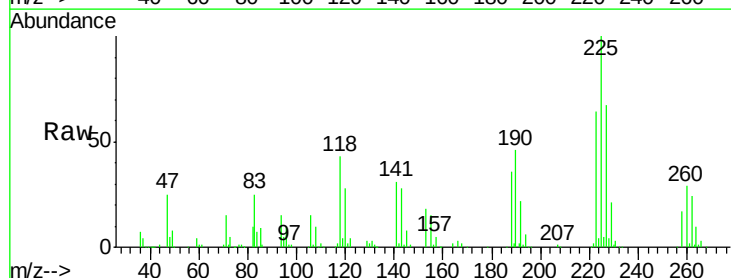
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBS01

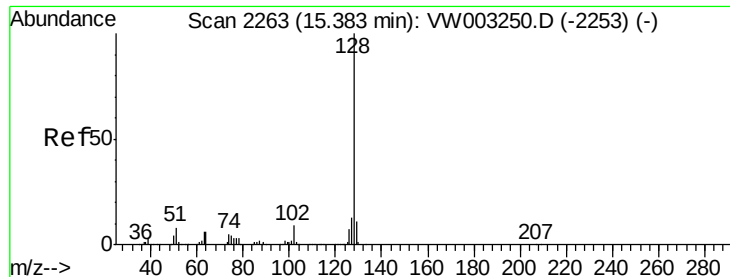
Tgt Ion:180 Resp: 79616
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.6
 145 29.4 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 19.693 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003265.D
 Acq: 14 Jun 2018 20:32

Tgt Ion:225 Resp: 47372
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.6 92.0
 227 63.9 31.7 95.1

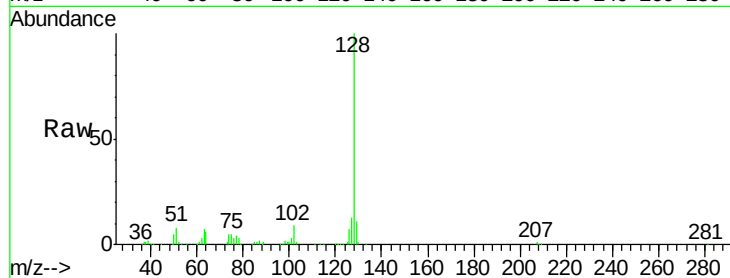




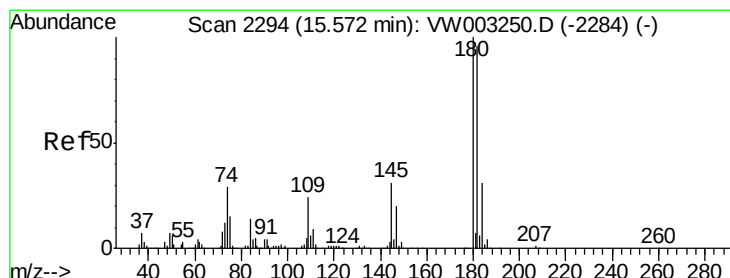
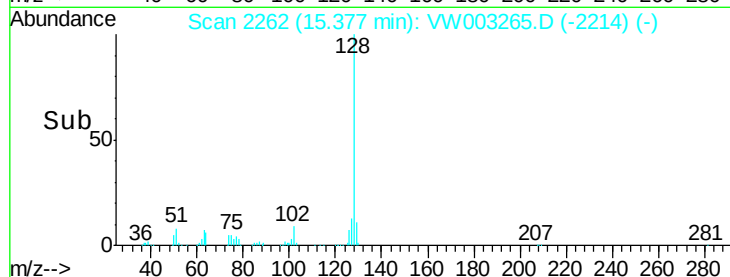
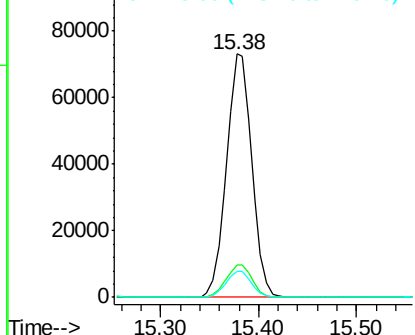
#95
Naphthalene
Concen: 19.325 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBSD01

Tgt Ion:128 Resp: 131095
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.7 8.9 13.3

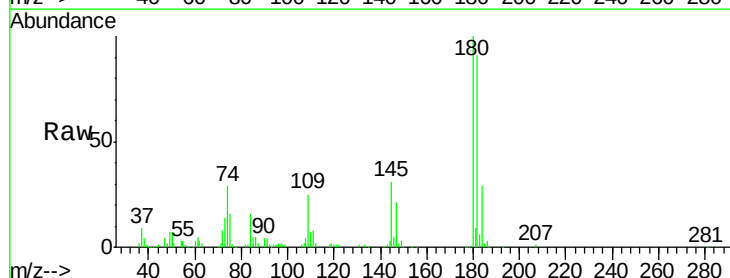


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.944 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003265.D
Acq: 14 Jun 2018 20:32

Tgt Ion:180 Resp: 70203
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.6
145 32.2 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

