

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003712.D
 Acq On : 05 Jul 2018 10:59
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203431	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	158108	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
35) Dibromofluoromethane	7.88	113	144226	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
50) Toluene-d8	10.32	98	578845	53.99	ug/l	0.00
Spiked Amount			Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.62	95	204052	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	91032	59.785	ug/l	97
3) Chloromethane	2.21	50	118485	53.849	ug/l	100
4) Vinyl Chloride	2.36	62	161329	53.740	ug/l	99
5) Bromomethane	2.78	94	99131	50.364	ug/l	99
6) Chloroethane	2.92	64	98481	54.519	ug/l	100
7) Trichlorofluoromethane	3.25	101	82015	51.375	ug/l	96
8) Diethyl Ether	3.67	74	70527	47.747	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	140583	52.992	ug/l	99
10) Methyl Iodide	4.26	142	210005	53.908	ug/l	100
11) Tert butyl alcohol	5.23	59	43995	213.502	ug/l	100
12) 1,1-Dichloroethene	4.03	96	140205	53.025	ug/l	99
13) Acrolein	3.89	56	26101	261.045	ug/l	94
14) Allyl chloride	4.65	41	243575	53.862	ug/l	100
15) Acrylonitrile	5.38	53	157541	229.961	ug/l	100
16) Acetone	4.14	43	189479	241.041	ug/l	97
17) Carbon Disulfide	4.37	76	444619	56.013	ug/l	100
18) Methyl Acetate	4.68	43	74425	43.670	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	257956	49.945	ug/l	99
20) Methylene Chloride	4.91	84	145058	48.038	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	152737	52.743	ug/l	100
22) Diisopropyl ether	6.31	45	478695	51.630	ug/l	100
23) Vinyl Acetate	6.26	43	1464199	233.864	ug/l	100
24) 1,1-Dichloroethane	6.21	63	284675	51.486	ug/l	98
25) 2-Butanone	7.18	43	233570	232.051	ug/l	100
26) 2,2-Dichloropropane	7.17	77	175090	51.646	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	165093	52.351	ug/l	98
28) Bromochloromethane	7.51	49	112871	46.440	ug/l	99
29) Tetrahydrofuran	7.54	42	138126	228.924	ug/l	99
30) Chloroform	7.67	83	285270	51.024	ug/l	99
31) Cyclohexane	7.95	56	259141	51.475	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	231639	53.222	ug/l	99
36) 1,1-Dichloropropene	8.08	75	233365	55.518	ug/l	99
37) Ethyl Acetate	7.26	43	99898	48.825	ug/l	98
38) Carbon Tetrachloride	8.07	117	226914	56.747	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279383	57.717	ug/l	100
40) Benzene	8.32	78	641825	54.326	ug/l	100
41) Methacrylonitrile	7.49	41	55836	48.012	ug/l	98
42) 1,2-Dichloroethane	8.40	62	191073	51.363	ug/l	99
43) Isopropyl Acetate	8.43	43	188390	48.888	ug/l	100
44) Trichloroethene	9.09	130	165449	54.172	ug/l	100
45) 1,2-Dichloropropane	9.37	63	162570	53.045	ug/l	99
46) Dibromomethane	9.46	93	82012	51.527	ug/l	99
47) Bromodichloromethane	9.65	83	207164	52.653	ug/l	98
48) Methyl methacrylate	9.44	41	92401	45.688	ug/l	99
49) 1,4-Dioxane	9.48	88	25023	1002.192	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	493720	243.146	ug/l	100
52) Toluene	10.39	92	406280	55.106	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	217996	53.405	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	250697	54.173	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	113154	50.461	ug/l	96
56) Ethyl methacrylate	10.65	69	147328	46.563	ug/l	97
57) 1,3-Dichloropropane	10.93	76	199169	51.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	285530	238.221	ug/l	99
59) 2-Hexanone	10.98	43	369016	254.229	ug/l	99
60) Dibromochloromethane	11.13	129	137964	52.630	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108898	50.702	ug/l	100
64) Tetrachloroethene	10.87	164	141091	54.348	ug/l	98
65) Chlorobenzene	11.66	112	438245	54.270	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	154980	54.916	ug/l	99
67) Ethyl Benzene	11.74	91	803627	56.798	ug/l	99
68) m/p-Xylenes	11.85	106	615161	114.332	ug/l	99
69) o-Xylene	12.17	106	285179	57.334	ug/l	98
70) Styrene	12.19	104	474872	56.841	ug/l	99
71) Bromoform	12.35	173	83450	53.217	ug/l #	99
73) Isopropylbenzene	12.47	105	791952	57.231	ug/l	100
74) N-amyl acetate	12.28	43	185364	50.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	136186	50.315	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	183759	100.463	ug/l #	100
77) Bromobenzene	12.75	156	179435	54.030	ug/l	99
78) n-propylbenzene	12.81	91	979715	57.310	ug/l	100
79) 2-Chlorotoluene	12.90	91	542107	55.727	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	669937	57.229	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45541	52.756	ug/l	97
82) 4-Chlorotoluene	12.99	91	572504	55.440	ug/l	100
83) tert-Butylbenzene	13.21	119	568064	57.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	689194	57.187	ug/l	99
85) sec-Butylbenzene	13.39	105	845295	57.527	ug/l	100
86) p-Isopropyltoluene	13.51	119	745515	58.006	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	368476	54.669	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	363475	53.966	ug/l	100
89) n-Butylbenzene	13.83	91	736088	57.929	ug/l	99
90) Hexachloroethane	14.10	117	134314	56.252	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	321691	53.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23185	49.162	ug/l	97

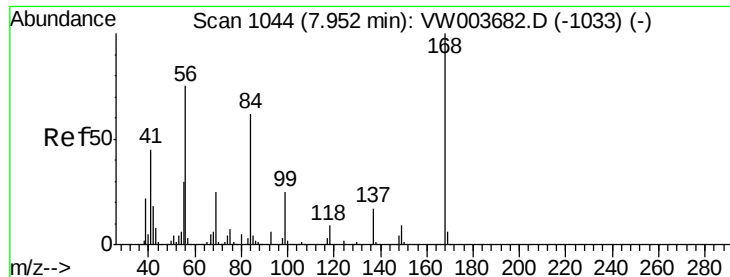
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	231352	54.444	ug/l	100
94) Hexachlorobutadiene	15.25	225	138664	56.500	ug/l	98
95) Naphthalene	15.38	128	410086	53.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	202627	53.531	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

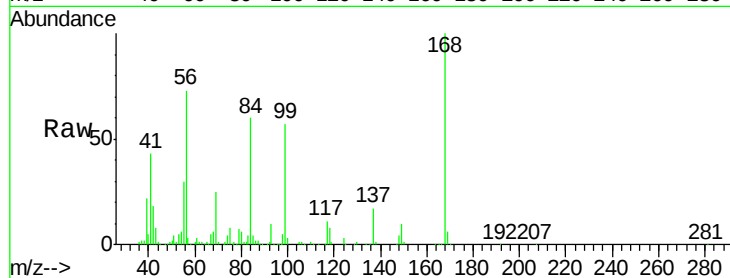
ClientSampleId :

Tot Ion:168 Resp: 276219

Ion Ratio Lower Upper

168 100

99 57.0 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

50000

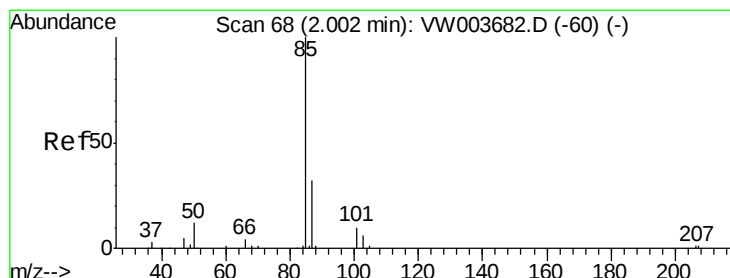
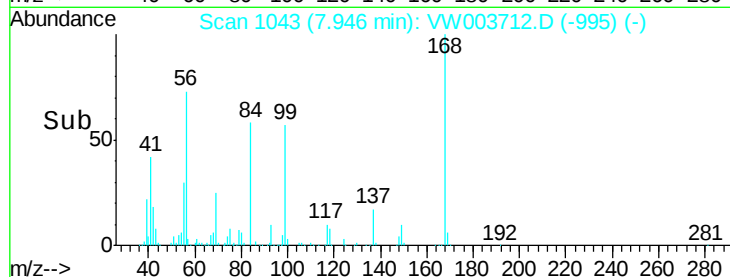
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Time-->

7.80

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 59.785 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003712.D

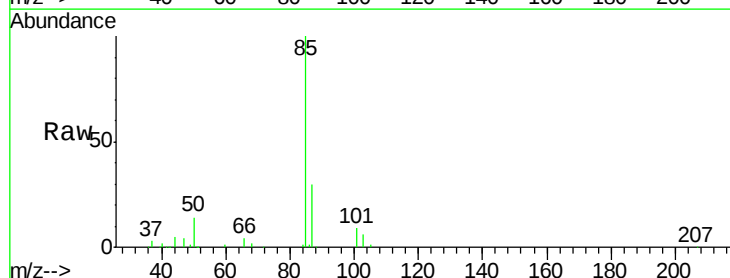
Acq: 05 Jul 2018 10:59

Tgt Ion: 85 Resp: 91032

Ion Ratio Lower Upper

85 100

87 30.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

15000

10000

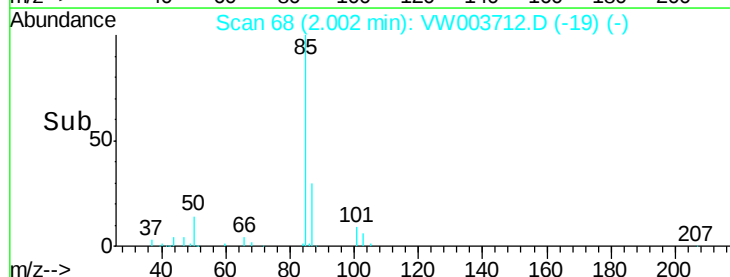
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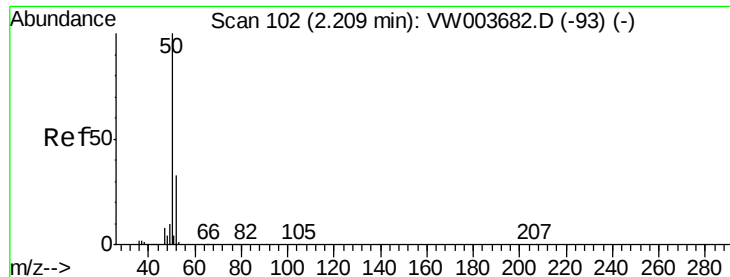
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Time-->

2.00

2.20





#3

Chloromethane

Concen: 53.849 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

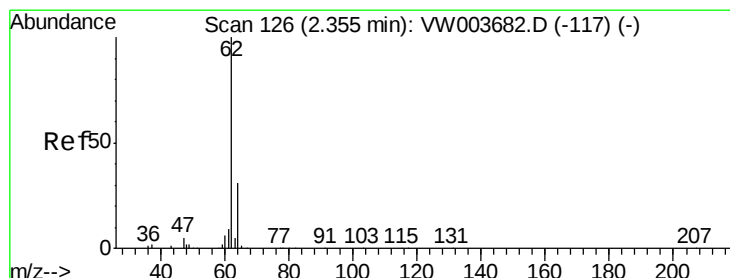
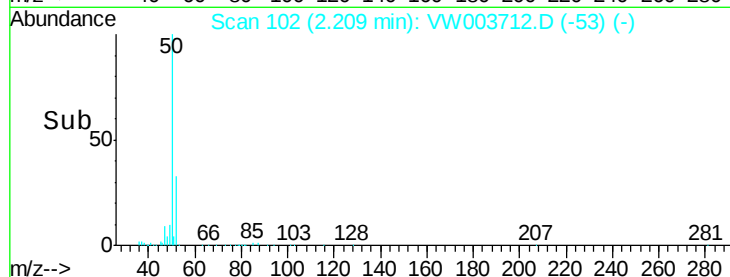
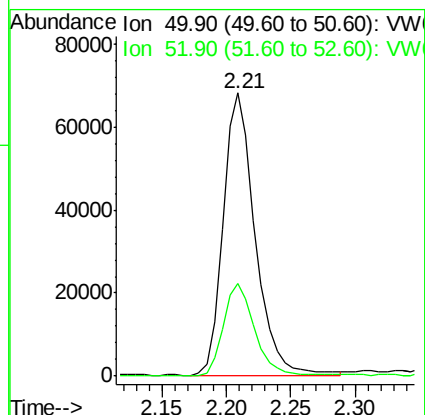
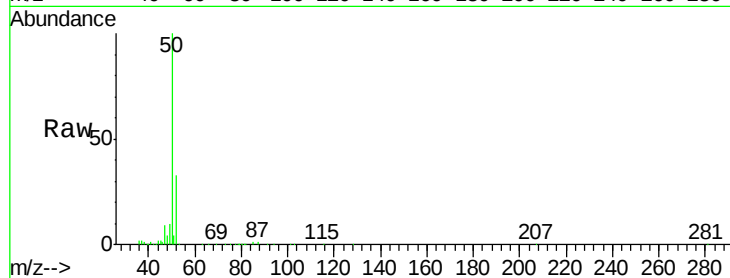
ClientSampleId :

Tot Ion: 50 Resp: 118485

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 53.740 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003712.D

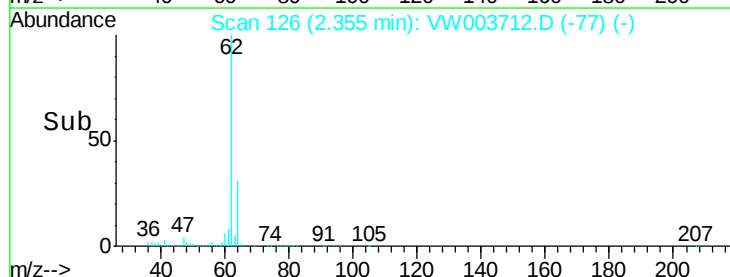
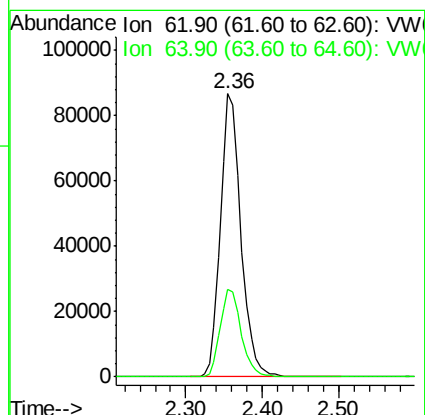
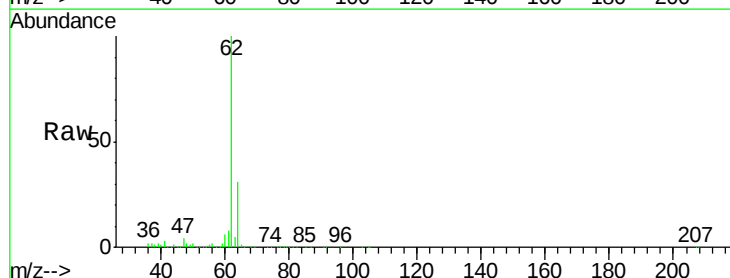
Acq: 05 Jul 2018 10:59

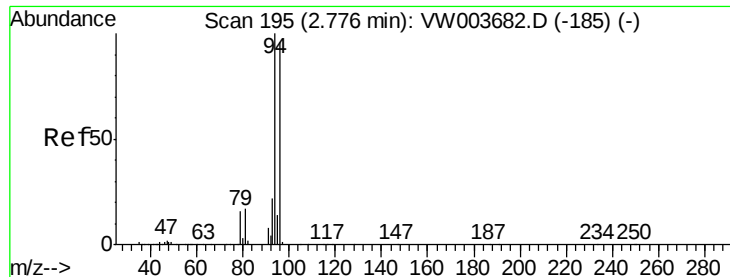
Tgt Ion: 62 Resp: 161329

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 50.364 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

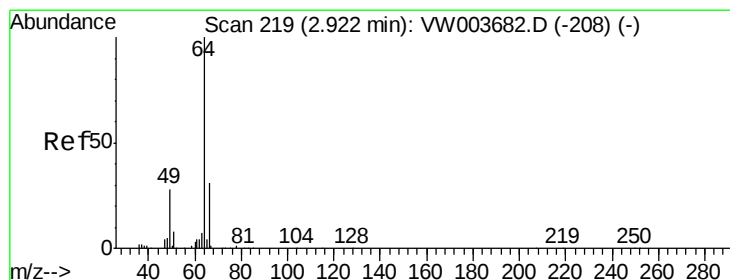
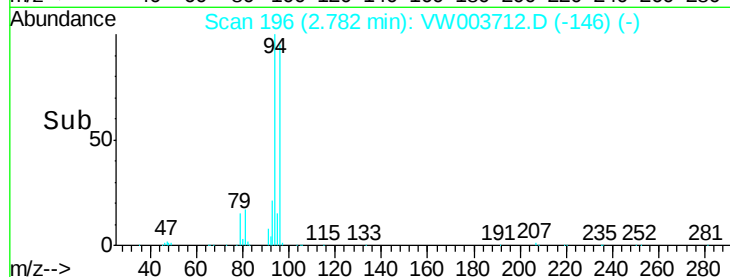
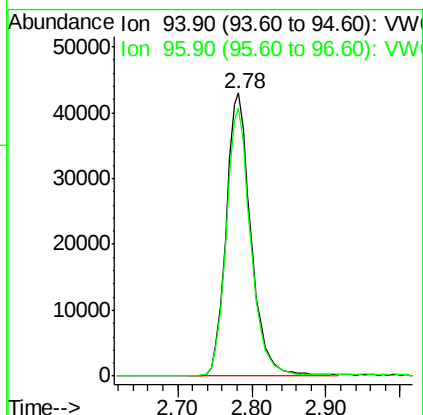
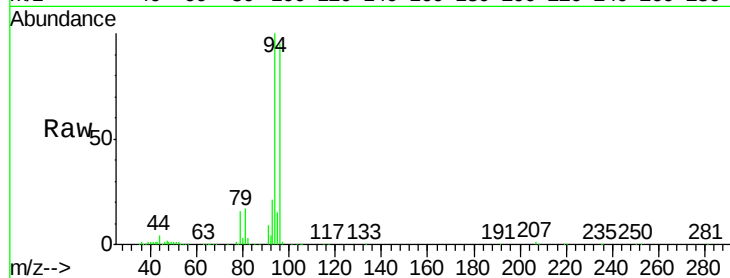
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 99131

Ion Ratio Lower Upper

94 100

96 94.9 76.6 115.0



#6

Chloroethane

Concen: 54.519 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003712.D

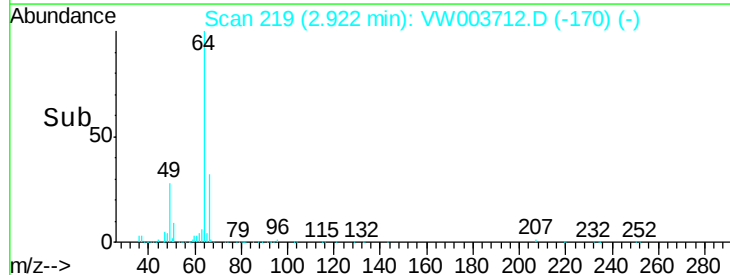
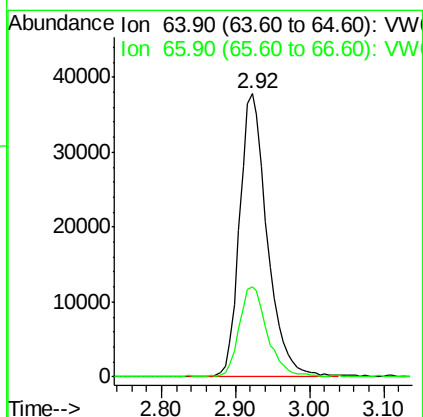
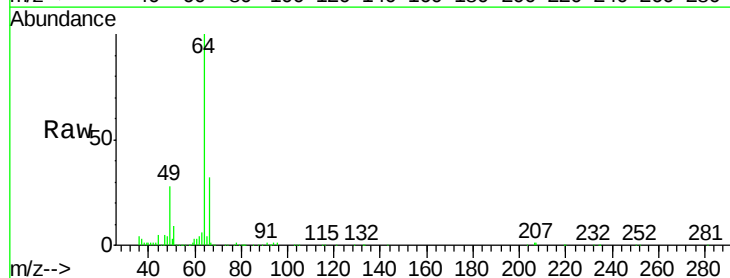
Acq: 05 Jul 2018 10:59

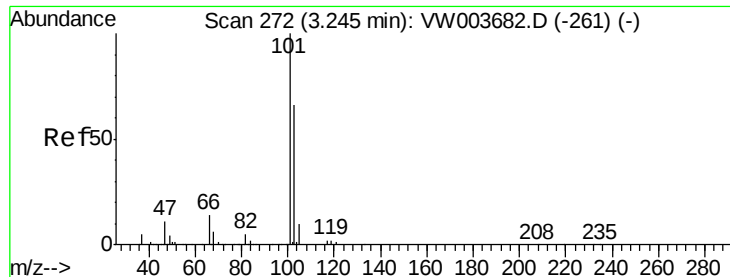
Tgt Ion: 64 Resp: 98481

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.6



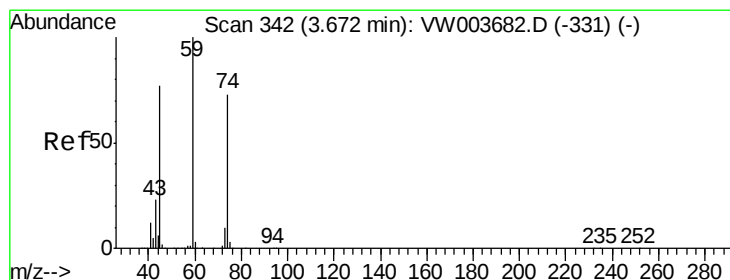
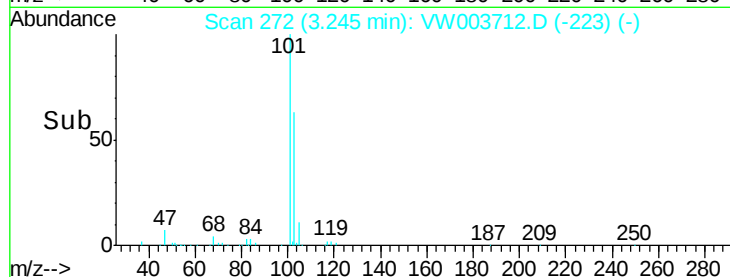
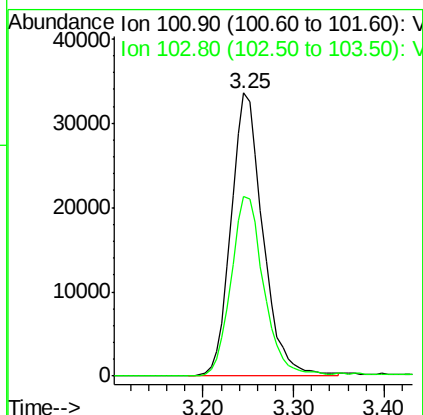
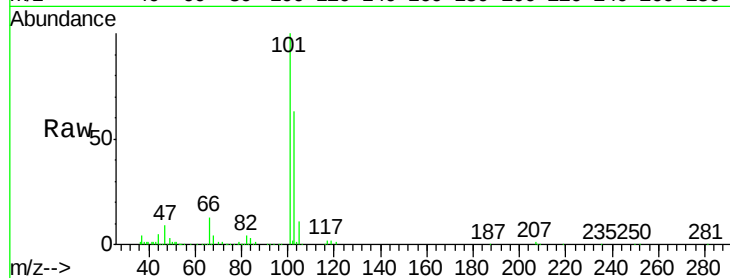


#7

Trichlorofluoromethane
Concen: 51.375 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :

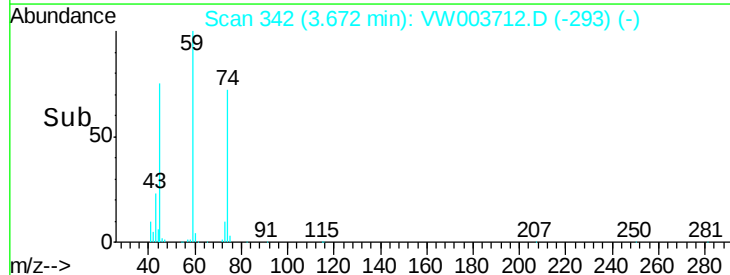
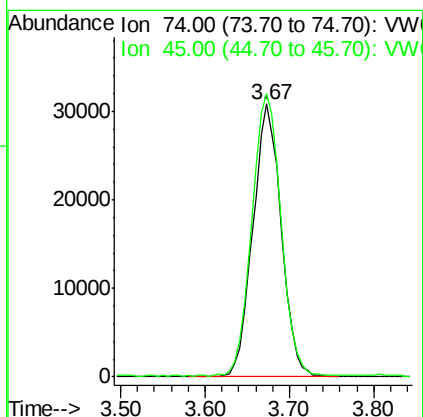
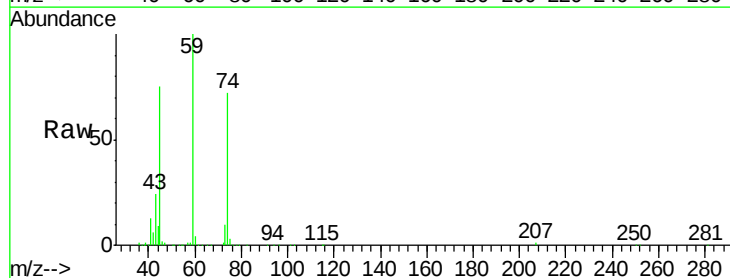
Tot Ion:101 Resp: 82015
Ion Ratio Lower Upper
101 100
103 63.1 52.9 79.3

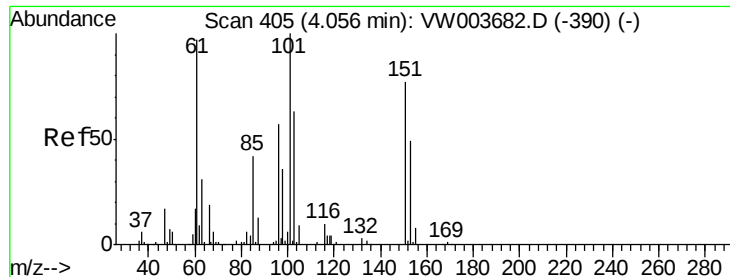


#8

Diethyl Ether
Concen: 47.747 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 74 Resp: 70527
Ion Ratio Lower Upper
74 100
45 106.6 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.992 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

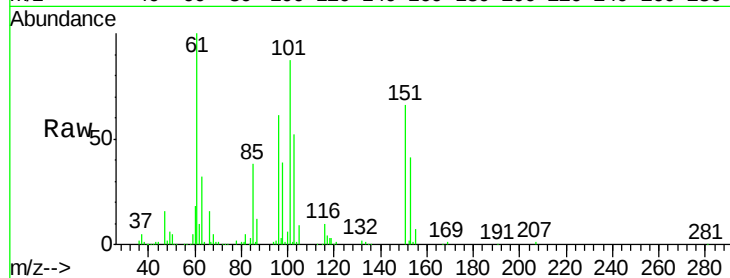
Tot Ion:101 Resp: 140583

Ion Ratio Lower Upper

101 100

85 45.2 36.6 55.0

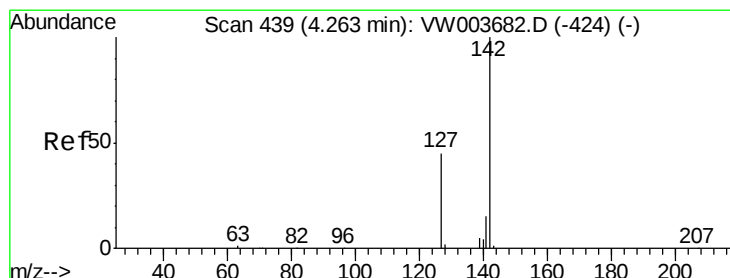
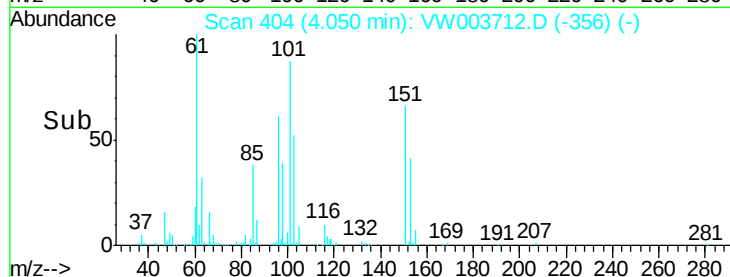
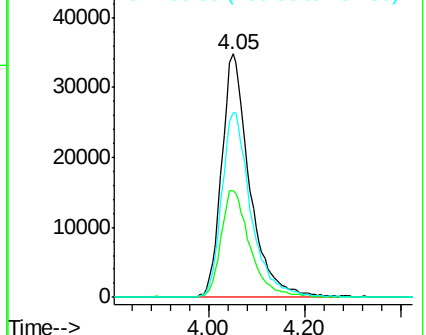
151 79.1 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.908 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

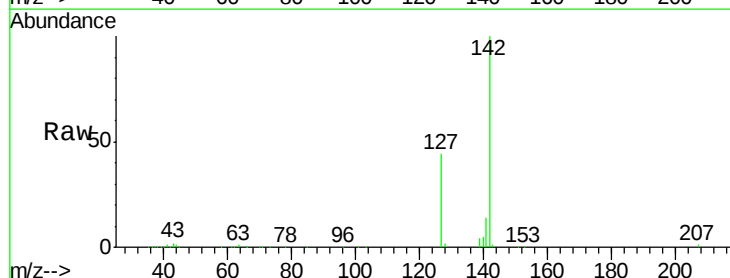
Tgt Ion:142 Resp: 210005

Ion Ratio Lower Upper

142 100

127 44.8 36.0 54.0

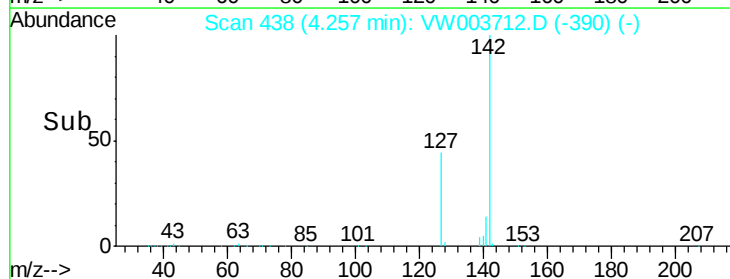
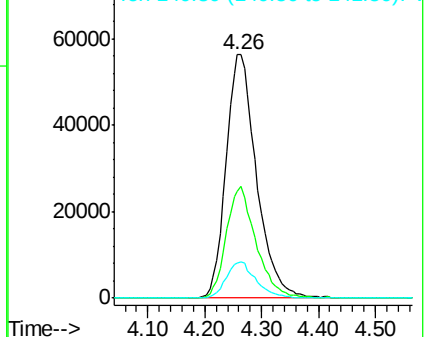
141 14.5 11.9 17.9

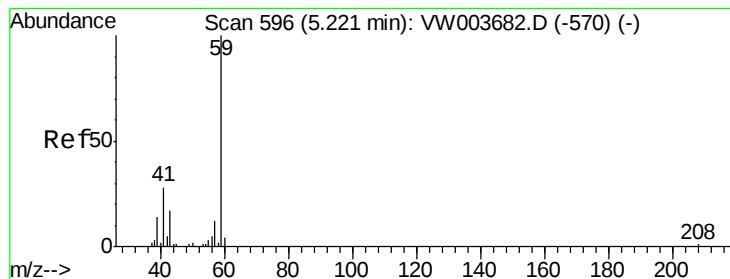


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



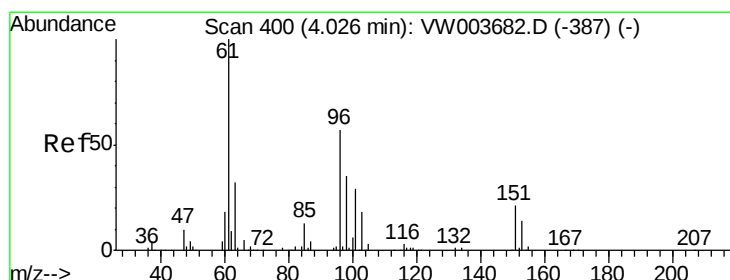
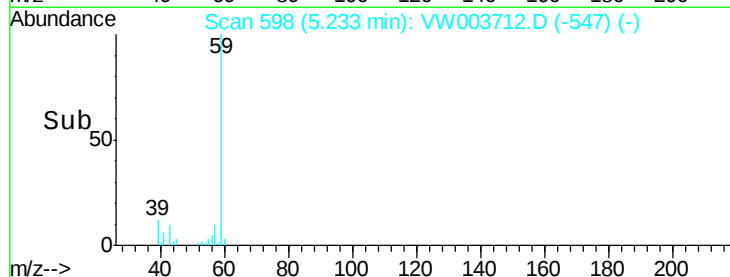
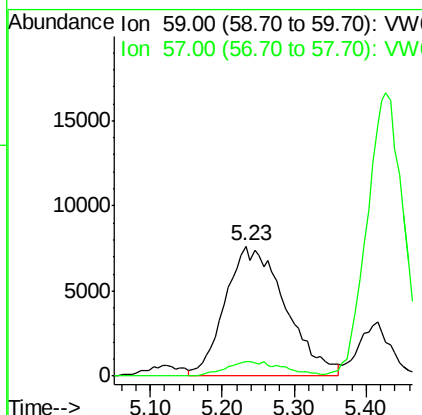
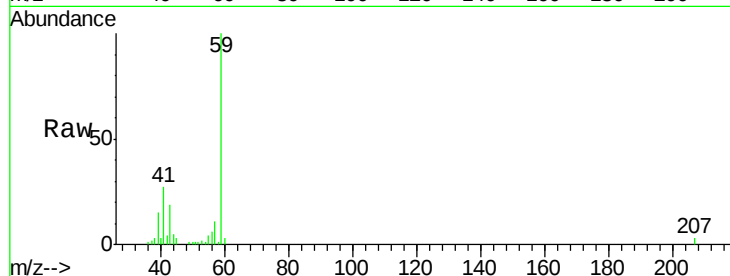


#11

Tert butyl alcohol
Concen: 213.502 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :

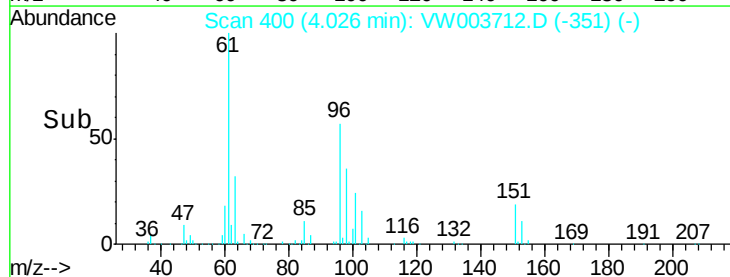
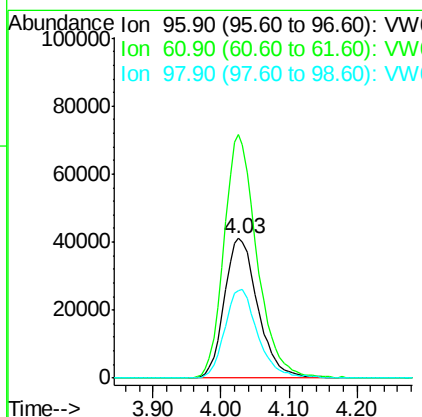
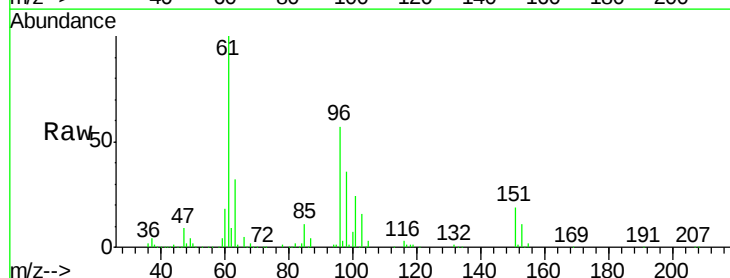
Tot Ion: 59 Resp: 43995
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

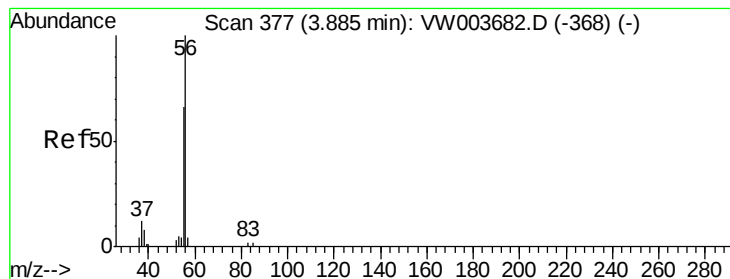


#12

1,1-Dichloroethene
Concen: 53.025 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 96 Resp: 140205
Ion Ratio Lower Upper
96 100
61 174.8 140.6 211.0
98 62.9 49.4 74.0





#13

Acrolein

Concen: 261.045 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

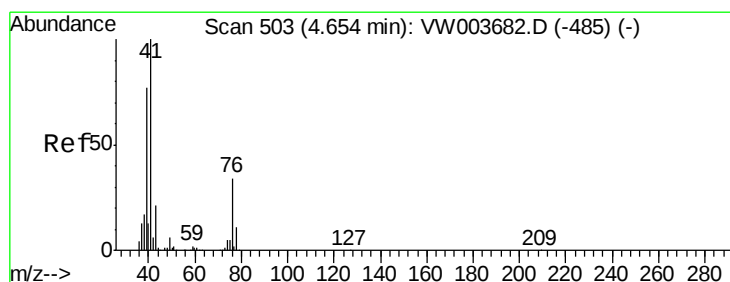
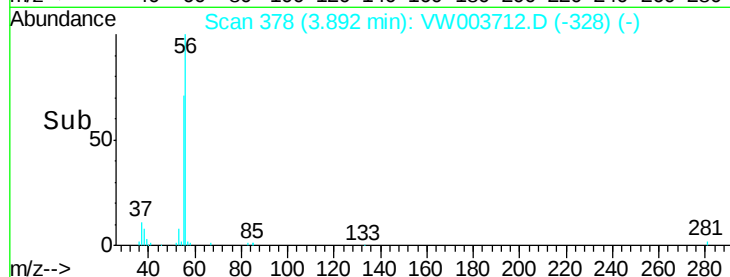
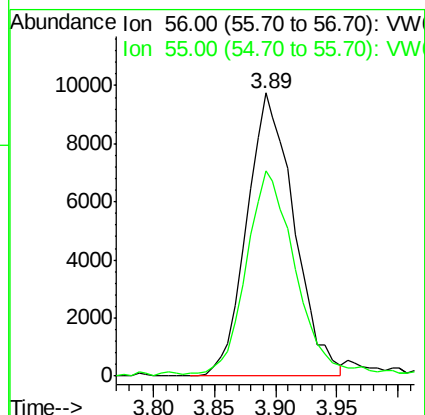
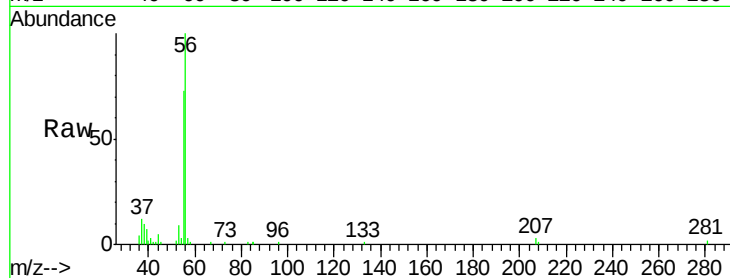
ClientSampled :

Tot Ion: 56 Resp: 26101

Ion Ratio Lower Upper

56 100

55 73.6 54.7 82.1



#14

Allyl chloride

Concen: 53.862 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

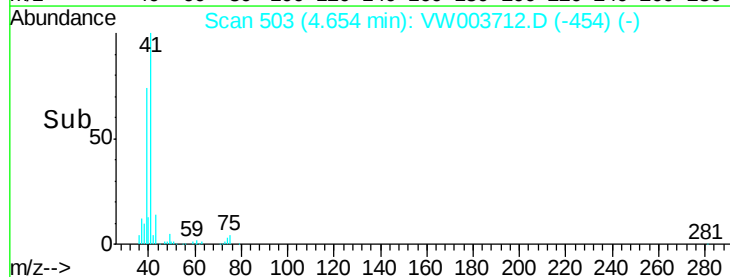
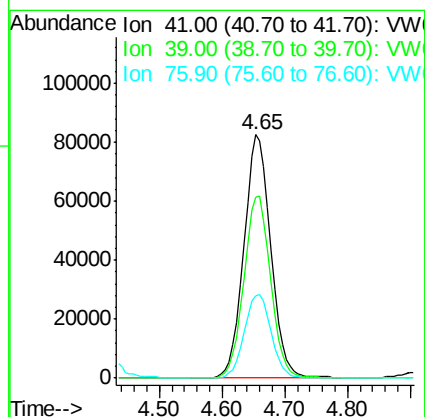
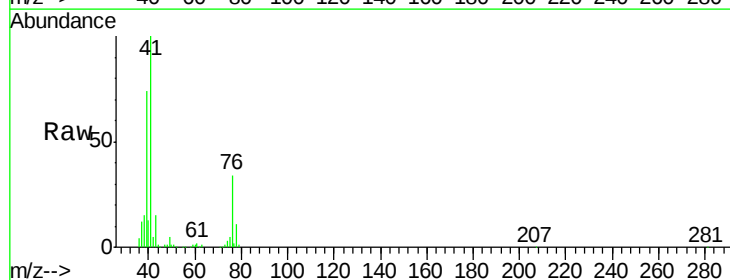
Tgt Ion: 41 Resp: 243575

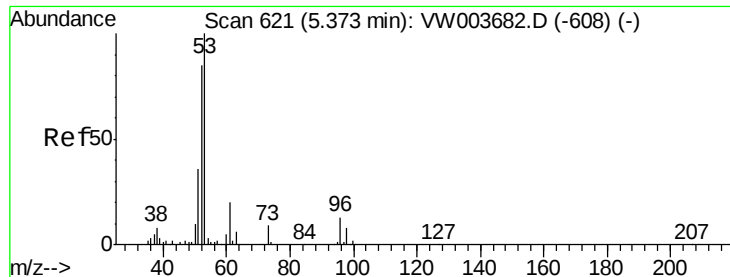
Ion Ratio Lower Upper

41 100

39 74.6 60.1 90.1

76 34.2 27.2 40.8





#15

Acrylonitrile

Concen: 229.961 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :

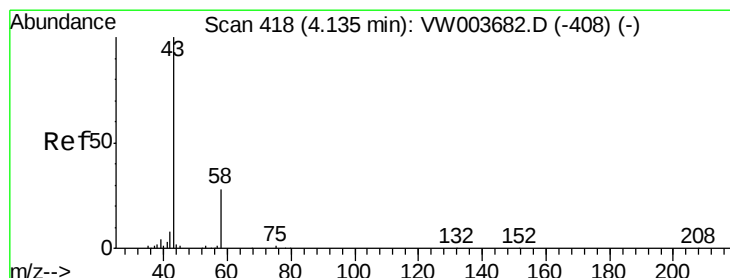
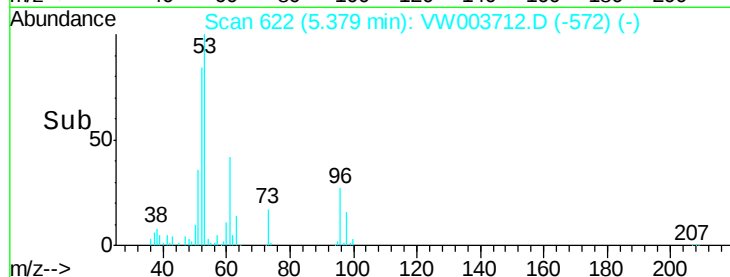
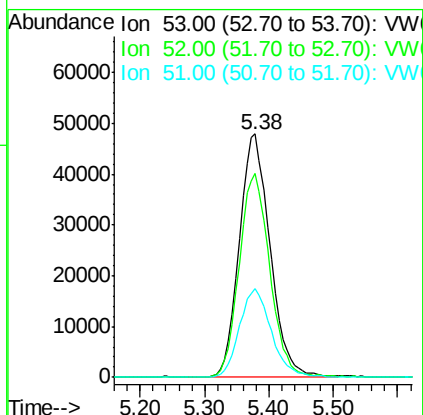
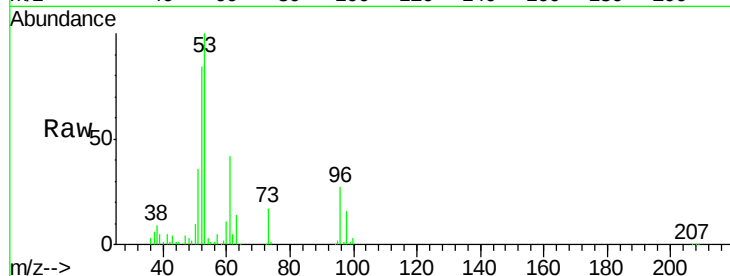
Tot Ion: 53 Resp: 157541

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 37.2 30.2 45.4



#16

Acetone

Concen: 241.041 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003712.D

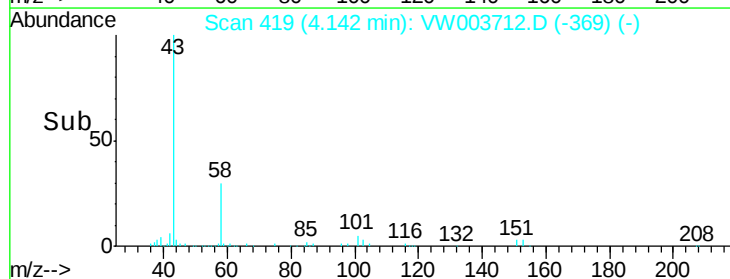
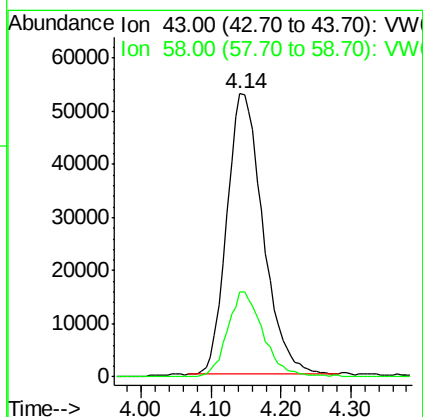
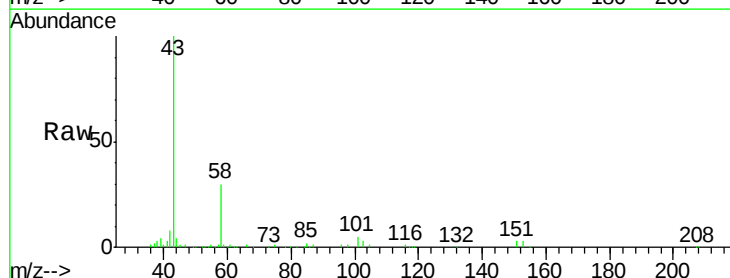
Acq: 05 Jul 2018 10:59

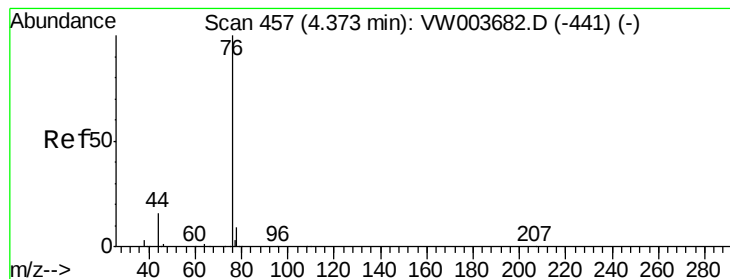
Tgt Ion: 43 Resp: 189479

Ion Ratio Lower Upper

43 100

58 30.1 22.7 34.1





#17

Carbon Disulfide

Concen: 56.013 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

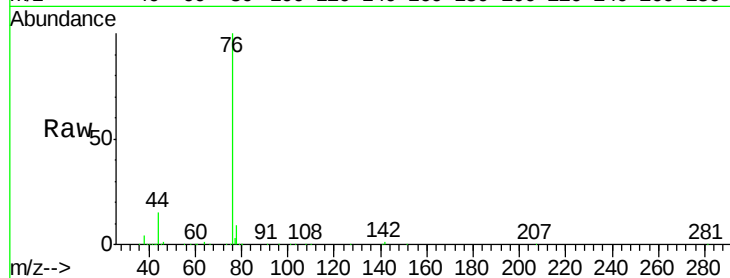
ClientSampleId :

Tot Ion: 76 Resp: 444619

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

150000

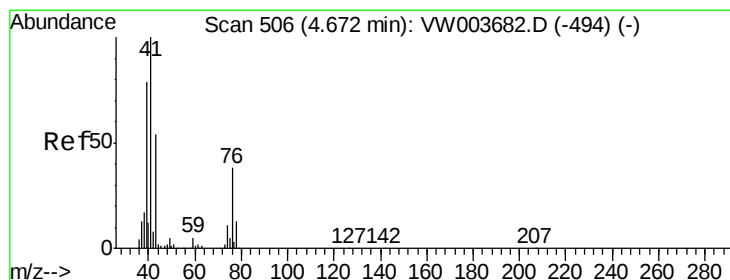
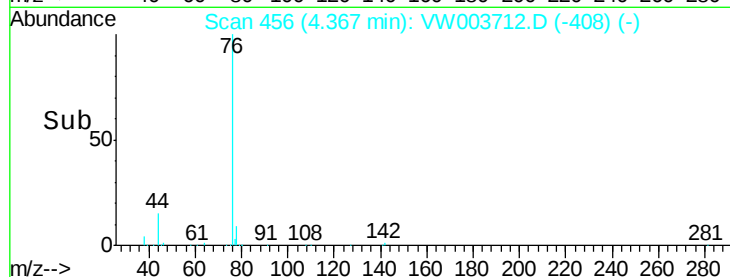
100000

50000

0

4.20 4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 43.670 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003712.D

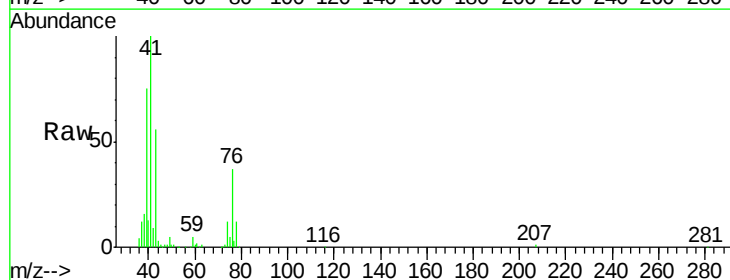
Acq: 05 Jul 2018 10:59

Tgt Ion: 43 Resp: 74425

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

25000

20000

15000

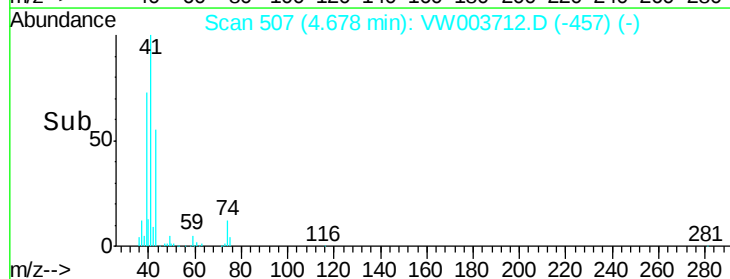
10000

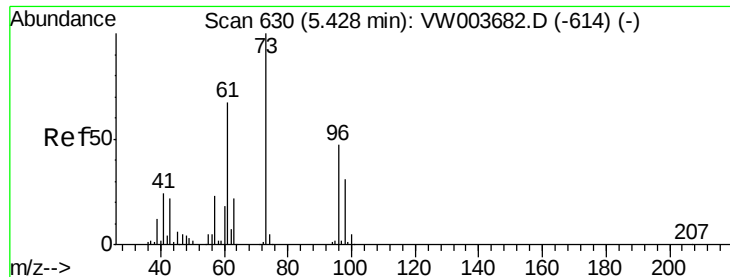
5000

0

4.50 4.60 4.70 4.80 4.90

Time-->

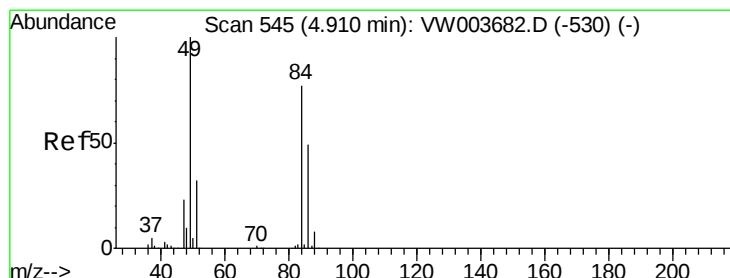
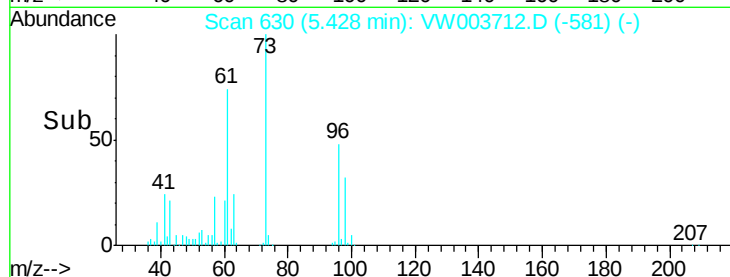
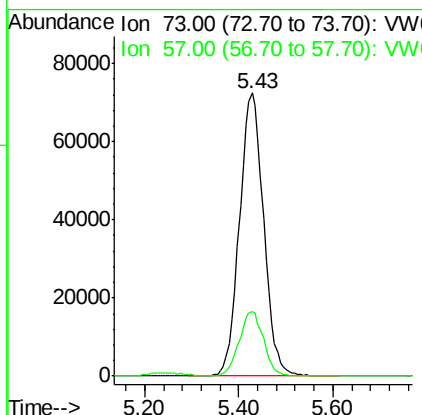
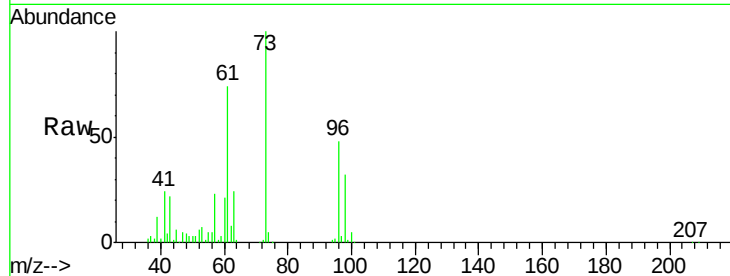




#19
Methvl tert-butvl Ether
Concen: 49.945 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

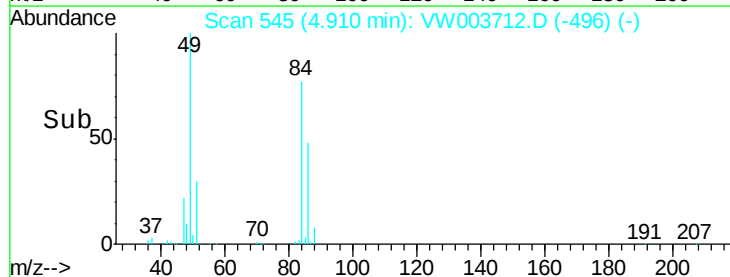
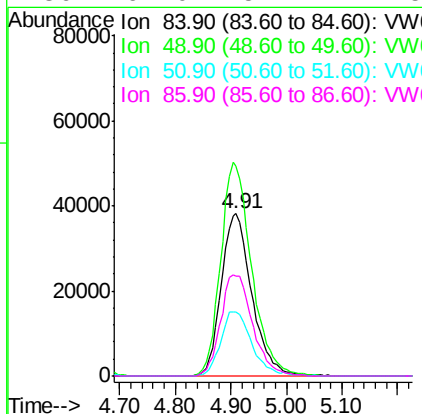
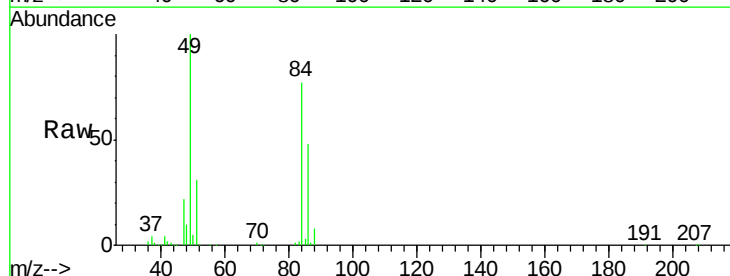
Instrument :
MSVOA_W
ClientSampled :

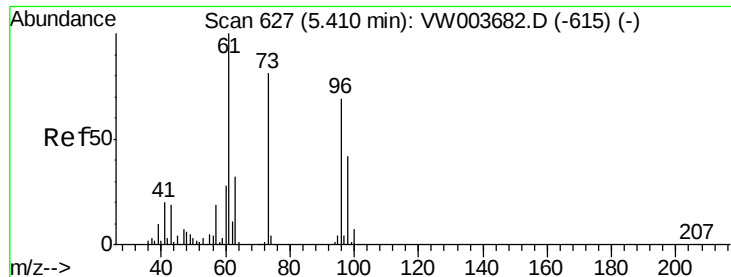
Tot Ion: 73 Resp: 257956
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1



#20
Methylene Chloride
Concen: 48.038 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 84 Resp: 145058
Ion Ratio Lower Upper
84 100
49 129.6 104.6 156.8
51 39.6 33.2 49.8
86 62.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 52.743 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

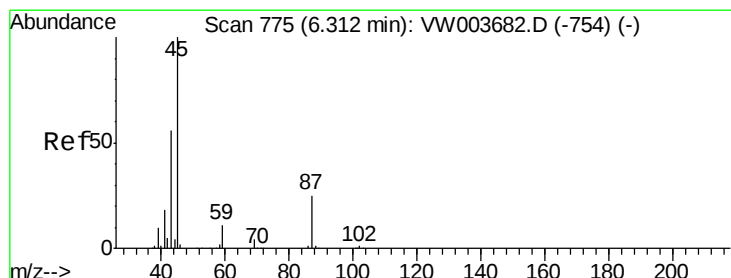
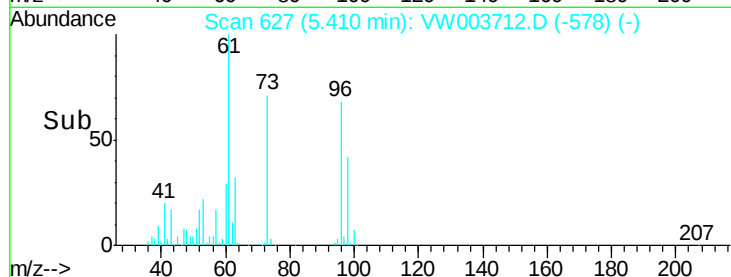
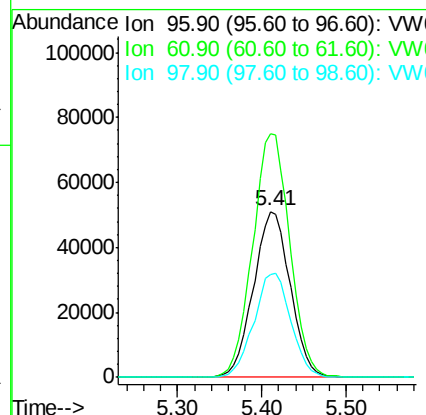
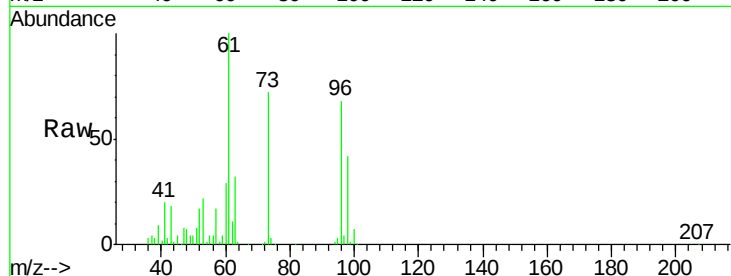
Tot Ion: 96 Resp: 152737

Ion Ratio Lower Upper

96 100

61 146.6 116.8 175.2

98 62.0 49.6 74.4



#22

Diisopropyl ether

Concen: 51.630 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion: 45 Resp: 478695

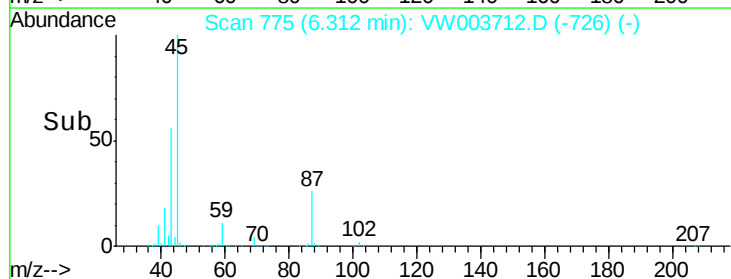
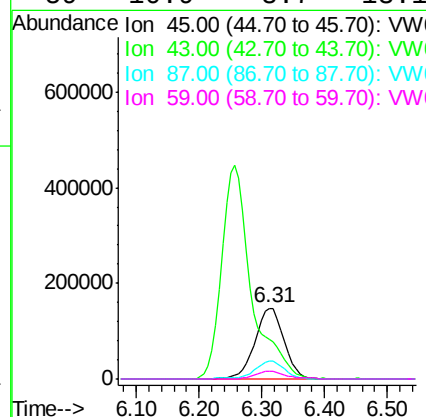
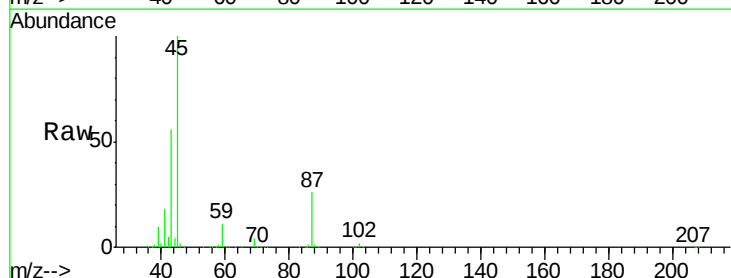
Ion Ratio Lower Upper

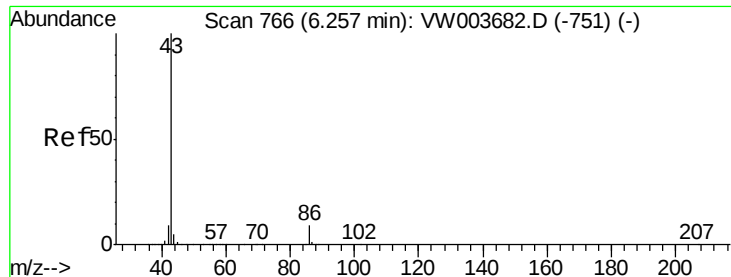
45 100

43 55.9 44.5 66.7

87 25.6 20.2 30.4

59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 233.864 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

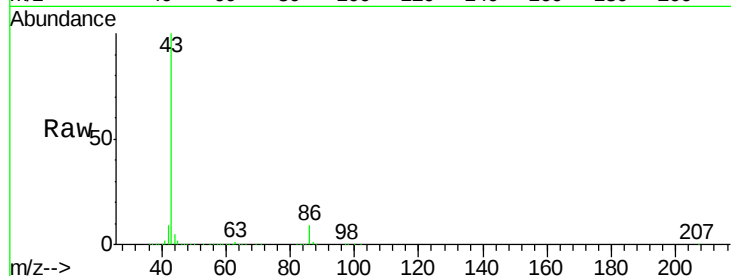
ClientSampleId :

Tot Ion: 43 Resp: 1464199

Ion Ratio Lower Upper

43 100

86 9.3 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

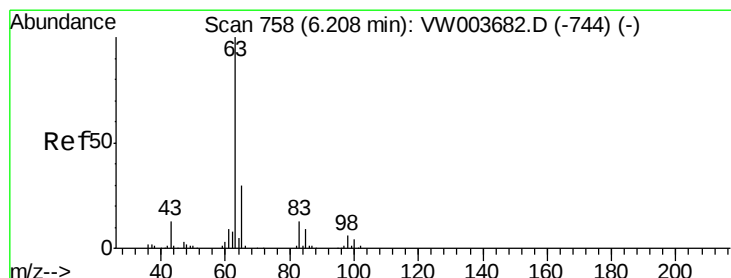
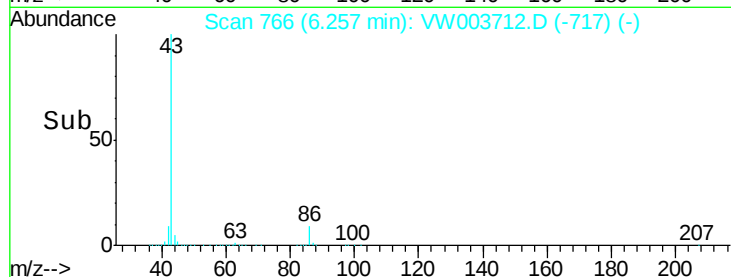
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.486 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

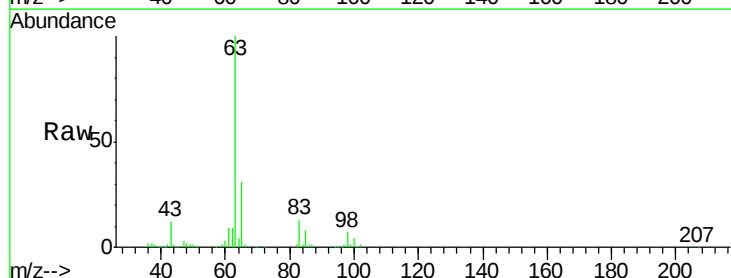
Tgt Ion: 63 Resp: 284675

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.6

100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

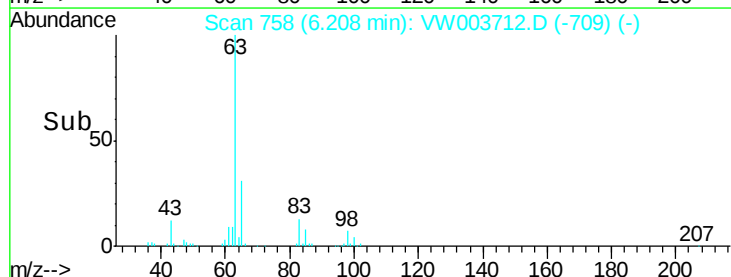
60000

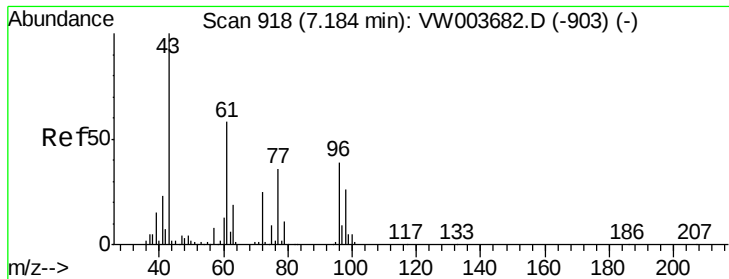
40000

20000

0

Time-->

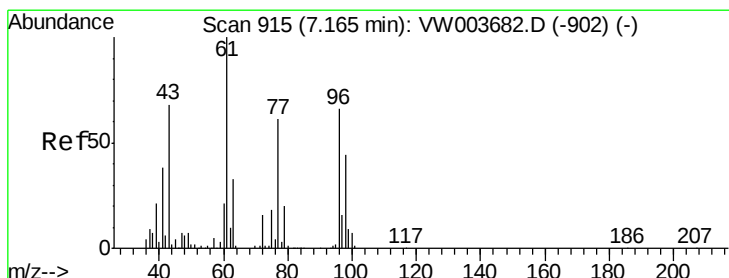
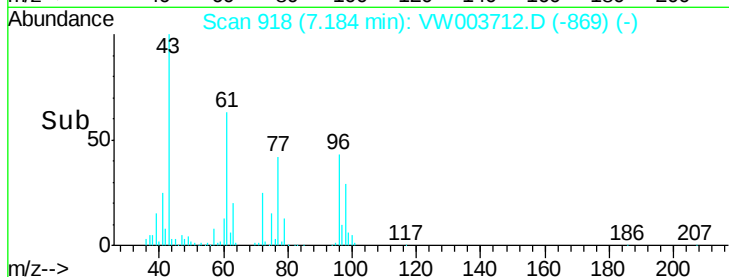
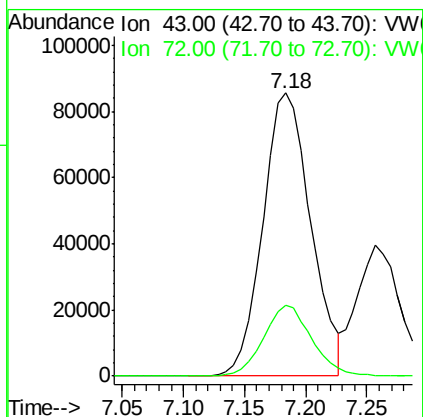
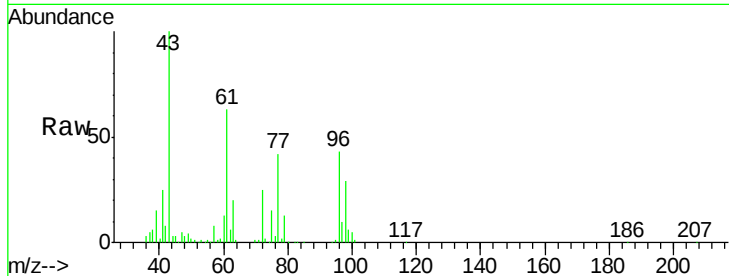




#25
2-Butanone
Concen: 232.051 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

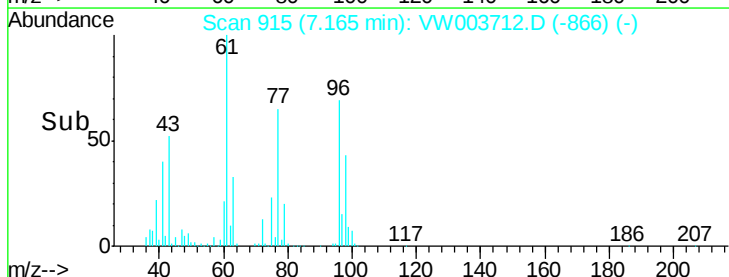
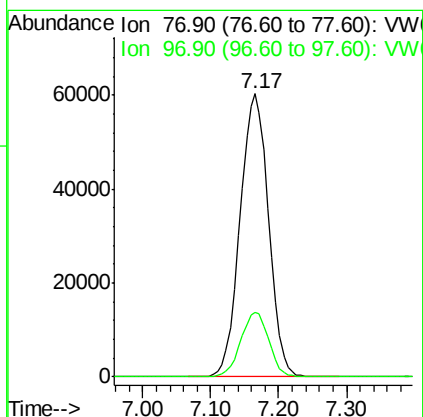
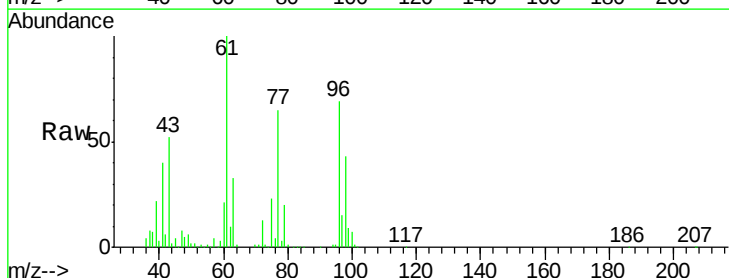
Instrument :
MSVOA_W
ClientSampled :

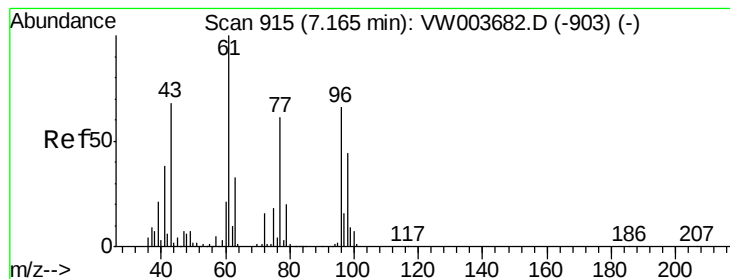
Tot Ion: 43 Resp: 233570
Ion Ratio Lower Upper
43 100
72 25.2 20.2 30.4



#26
2,2-Dichloropropane
Concen: 51.646 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 77 Resp: 175090
Ion Ratio Lower Upper
77 100
97 22.5 11.7 35.1



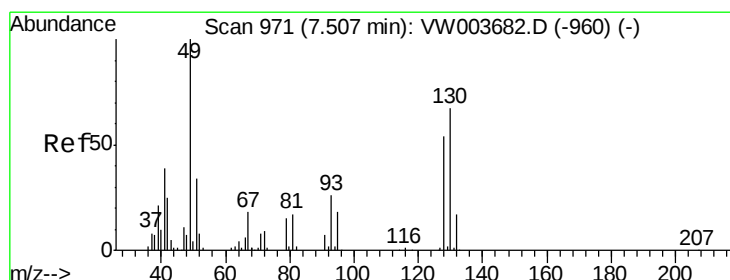
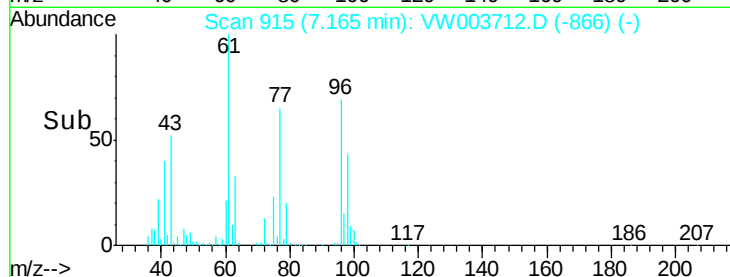
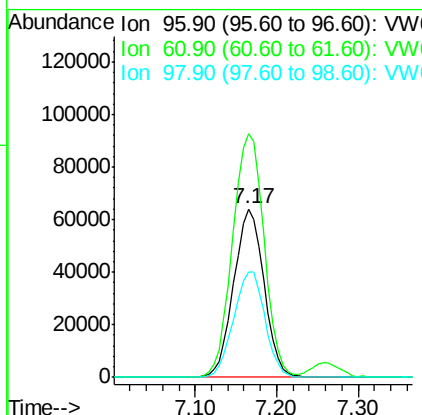
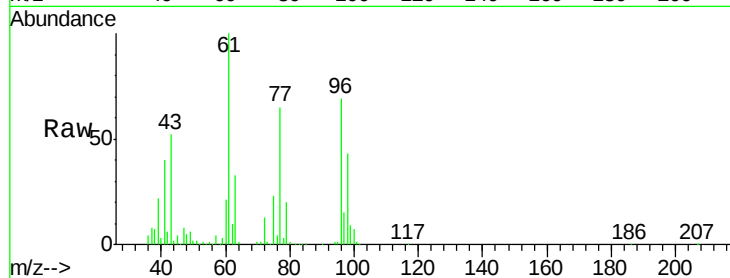


#27

cis-1,2-Dichloroethene
Concen: 52.351 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :

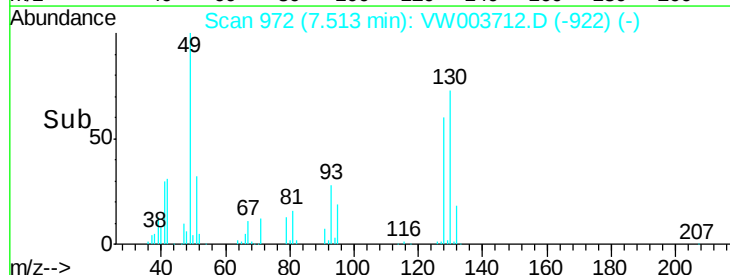
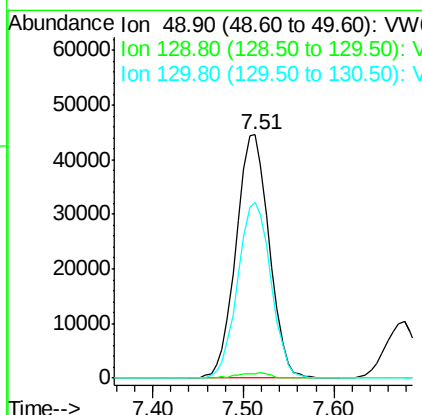
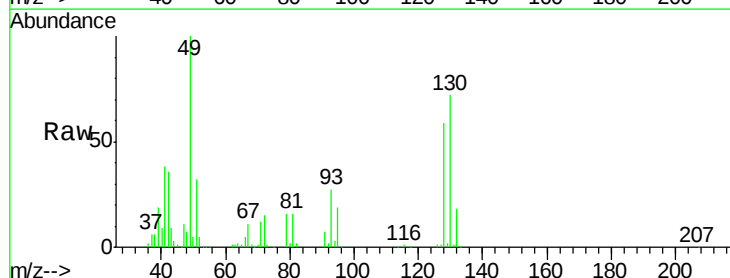
Tot Ion	96	Resp	165093
Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	305.0
98	64.5	0.0	129.6

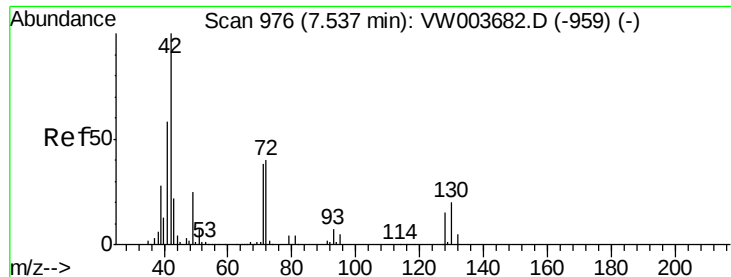


#28

Bromochloromethane
Concen: 46.440 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion	49	Resp	112871
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.0
130	72.5	57.0	85.6

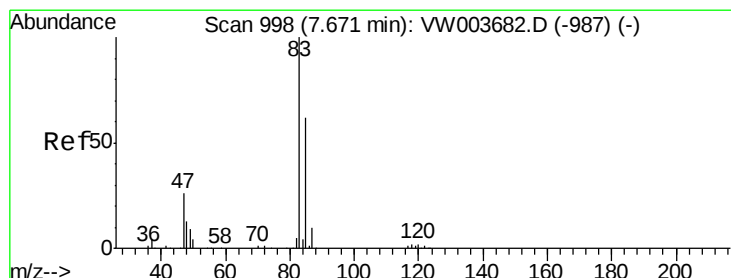
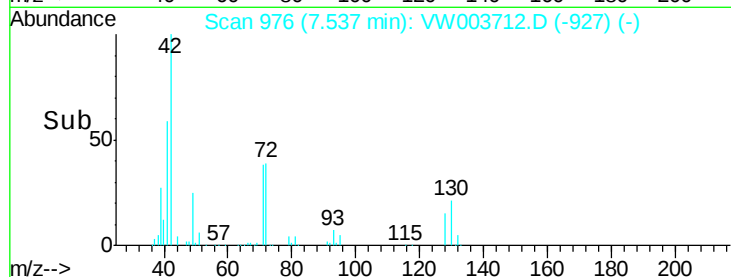
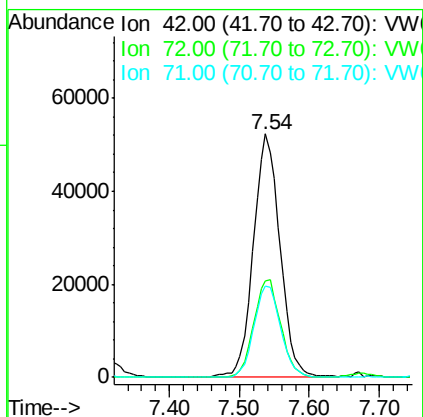
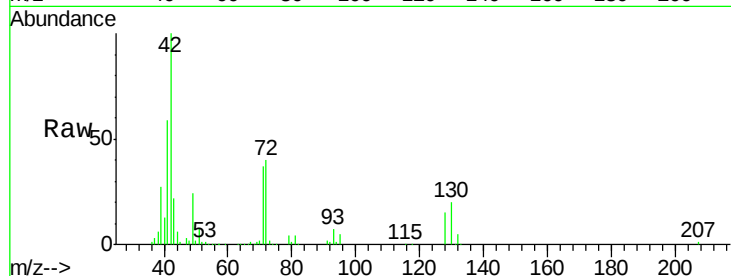




#29
Tetrahydrofuran
Concen: 228.924 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

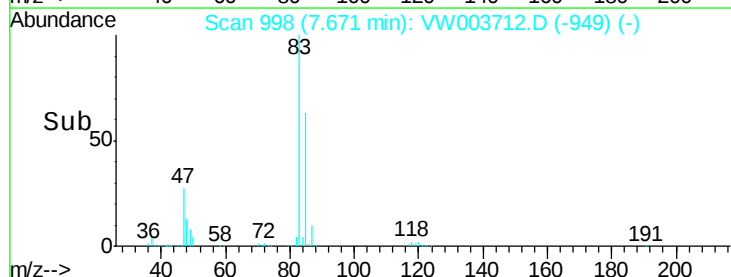
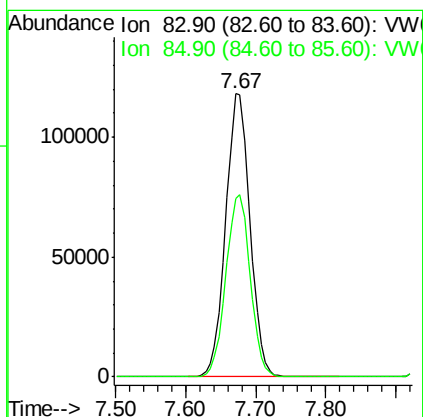
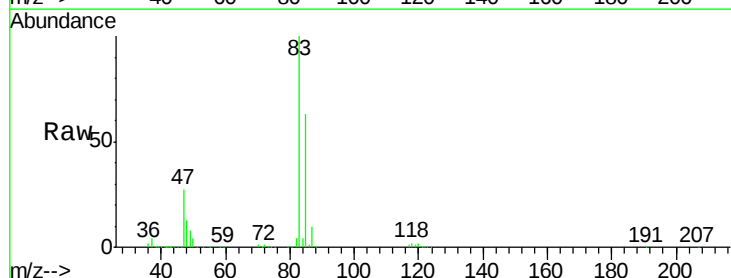
Instrument :
MSVOA_W
ClientSampleId :

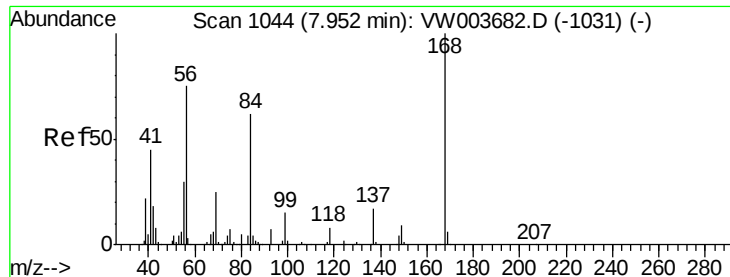
Tot Ion: 42 Resp: 138126
Ion Ratio Lower Upper
42 100
72 40.5 32.0 48.0
71 37.9 30.2 45.2



#30
Chloroform
Concen: 51.024 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 83 Resp: 285270
Ion Ratio Lower Upper
83 100
85 62.9 49.7 74.5

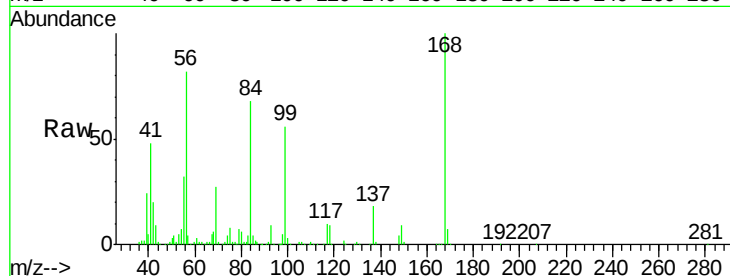




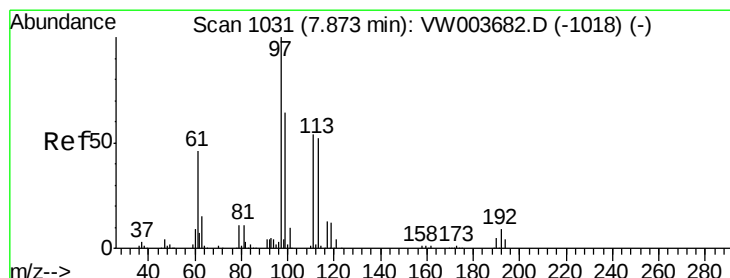
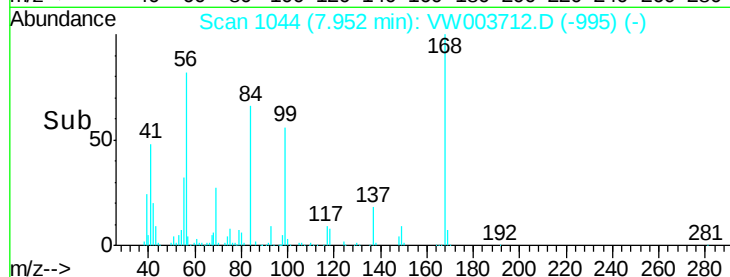
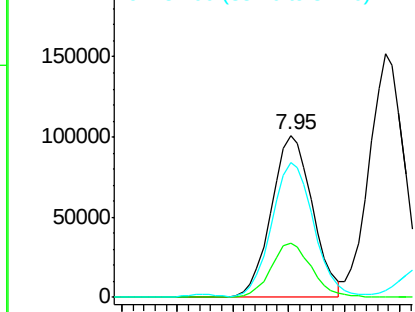
#31
Cyclohexane
Concen: 51.475 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 259141
Ion Ratio Lower Upper
56 100
69 33.6 27.0 40.4
84 81.8 65.4 98.0

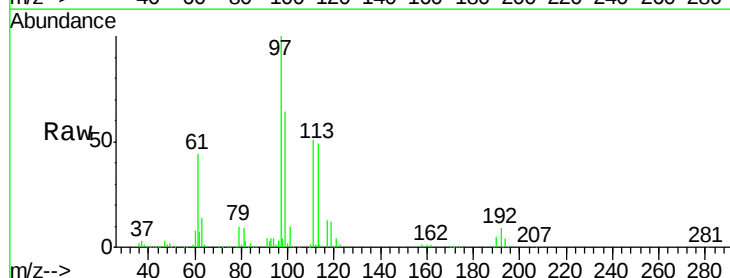


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

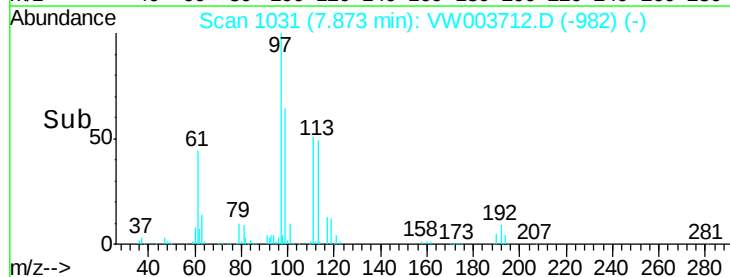
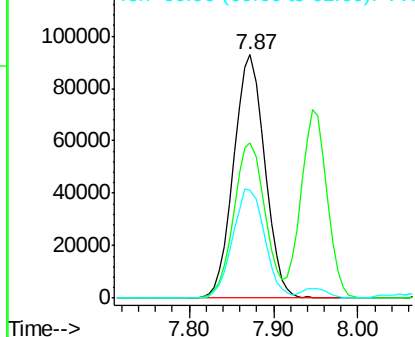


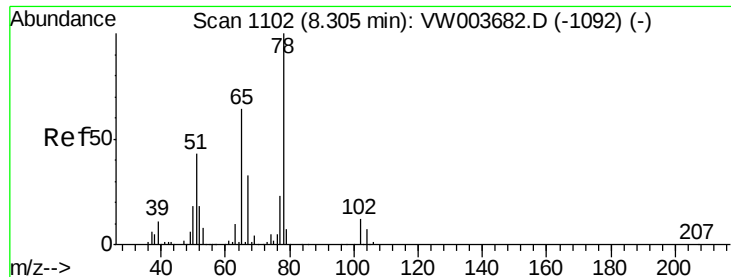
#32
1,1,1-Trichloroethane
Concen: 53.222 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 97 Resp: 231639
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 46.1 37.2 55.8



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: 48.012 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

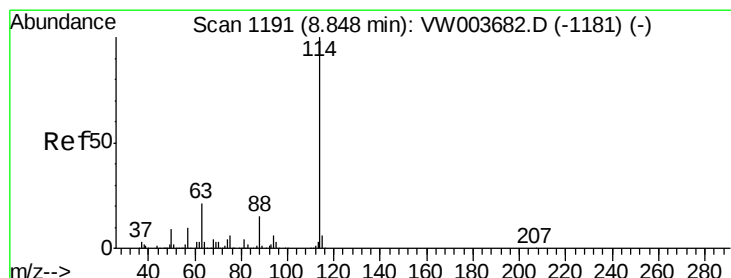
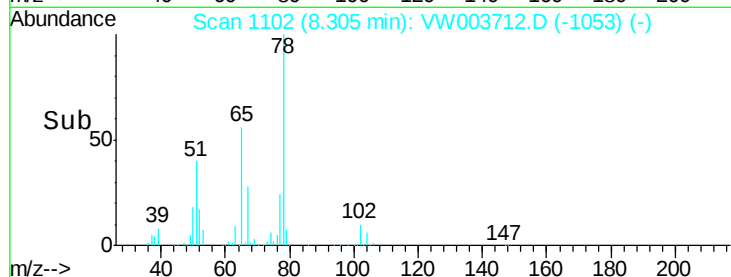
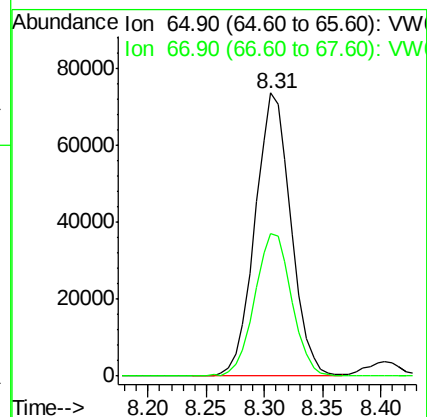
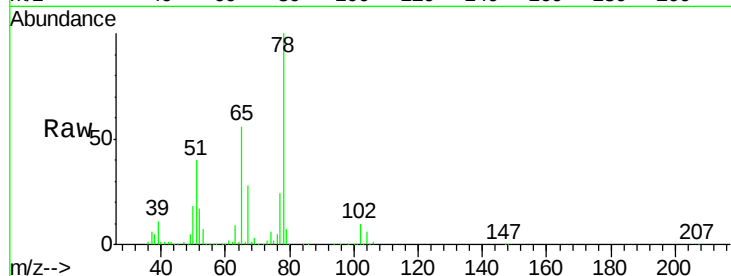
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 65 Resp: 158108

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

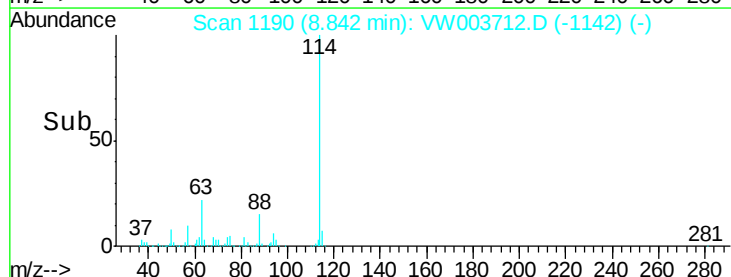
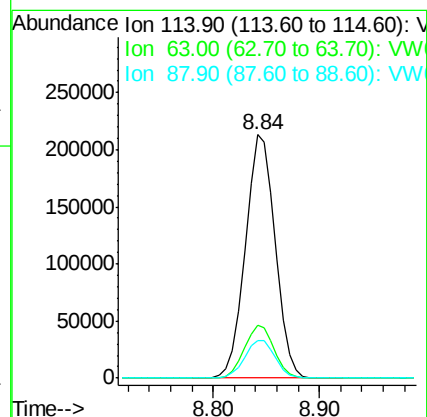
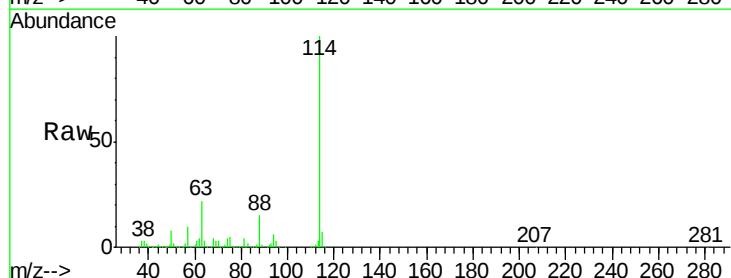
Tgt Ion: 114 Resp: 418737

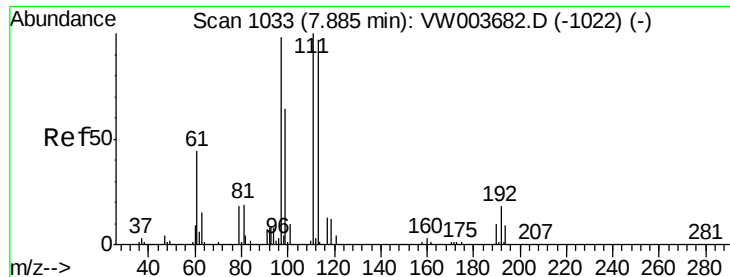
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.6

88 15.4 0.0 29.8

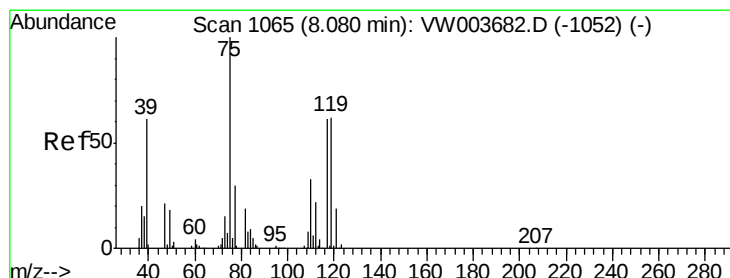
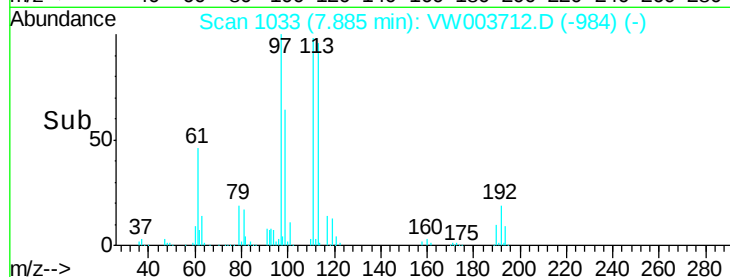
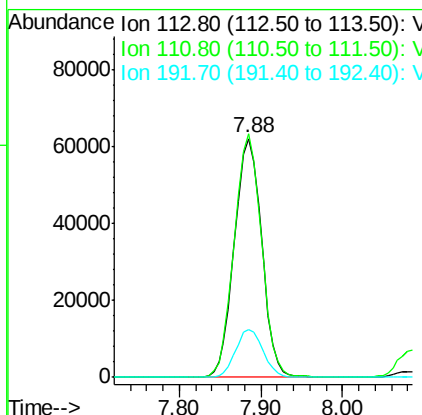
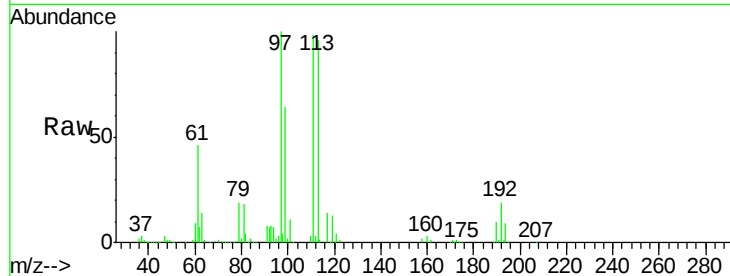




#35
 Dibromofluoromethane
 Concen: 52.810 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

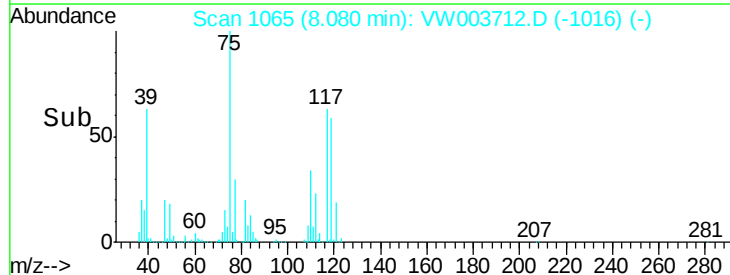
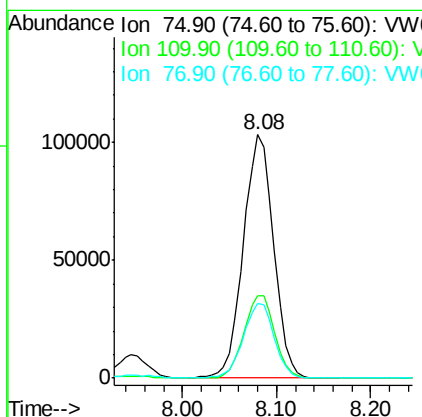
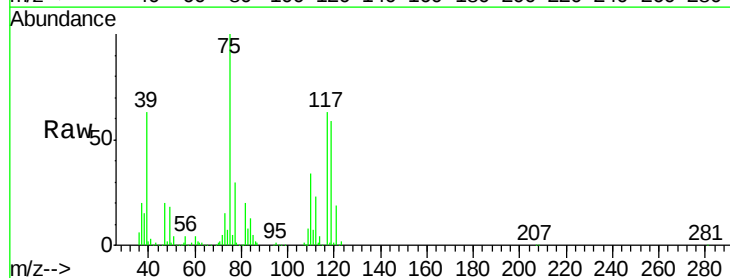
Instrument :
 MSVOA_W
 ClientSampleId :

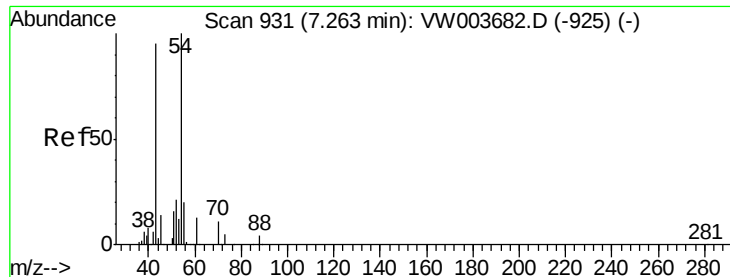
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	20.1	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 55.518 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.9	50.6
77	31.0	24.9	37.3

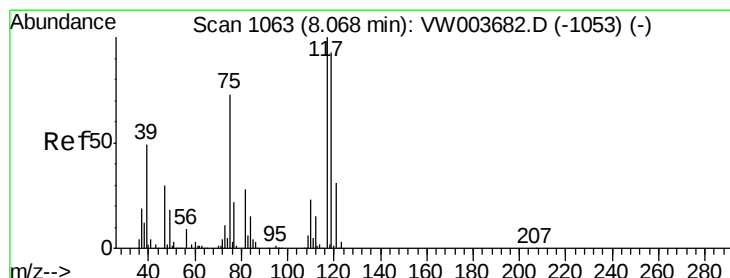
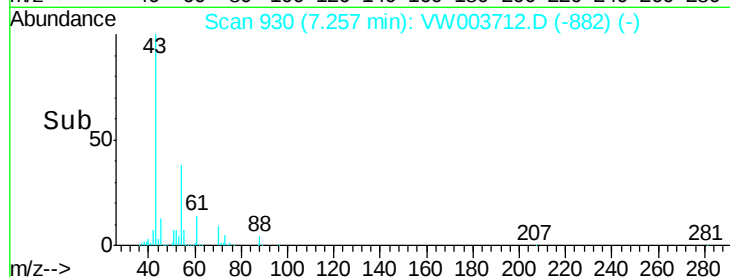
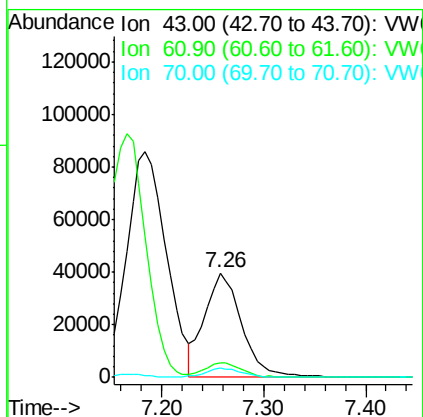
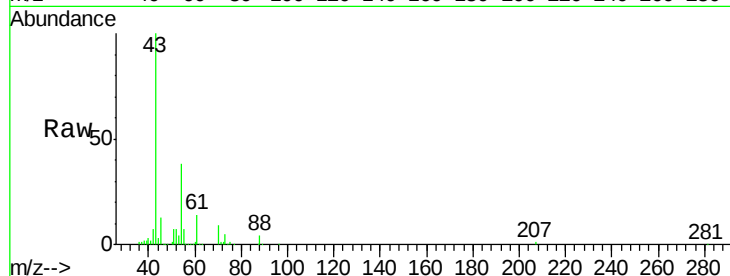




#37
Ethyl Acetate
Concen: 48.825 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

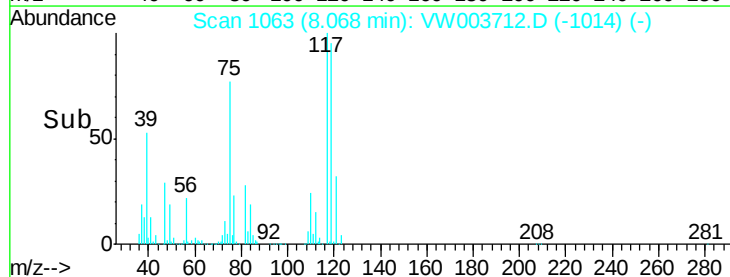
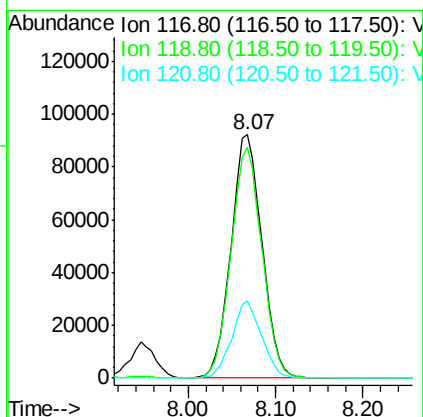
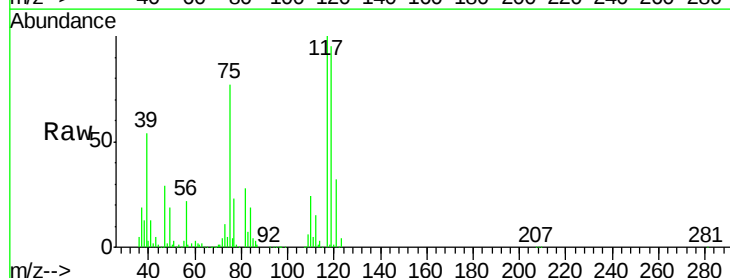
Instrument :
MSVOA_W
ClientSampled :

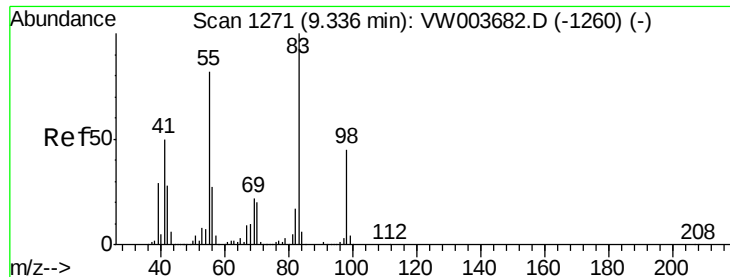
Tot Ion: 43 Resp: 99898
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 9.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 56.747 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 117 Resp: 226914
Ion Ratio Lower Upper
117 100
119 94.8 74.1 111.1
121 31.9 25.0 37.4

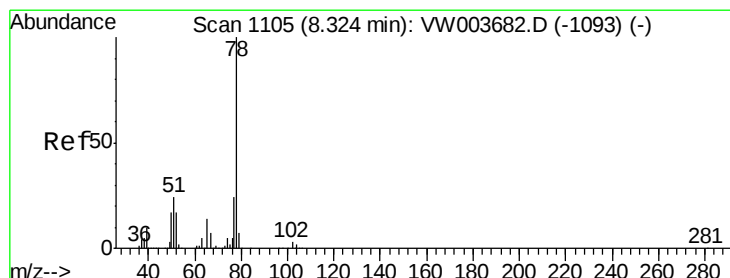
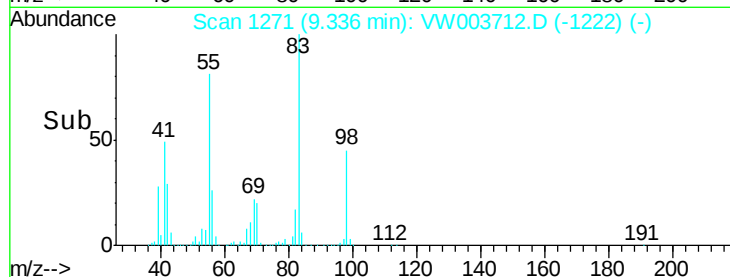
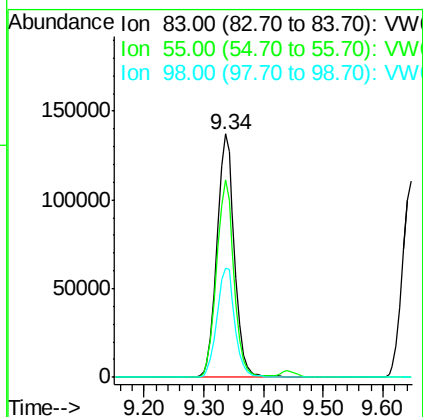
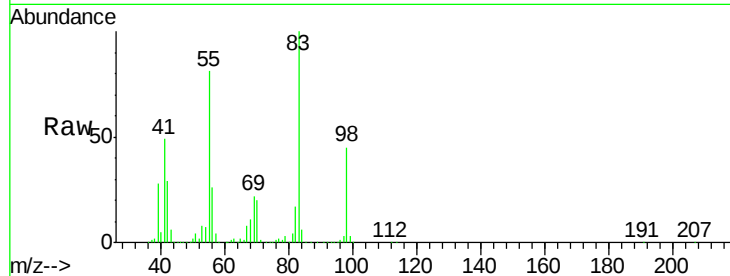




#39
Methvlcvclohexane
Concen: 57.717 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

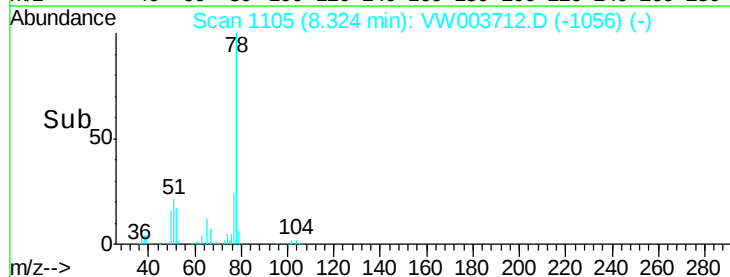
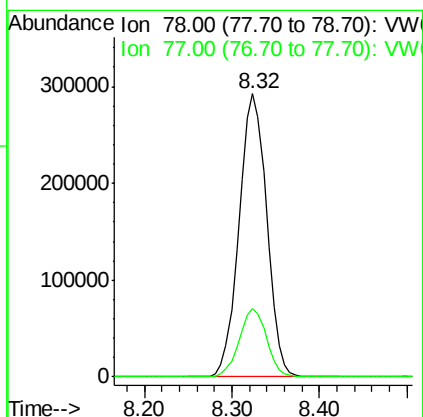
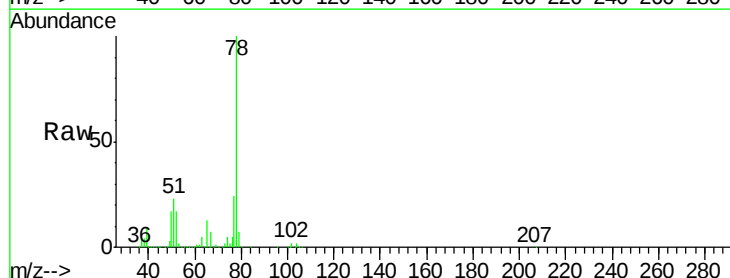
Instrument :
MSVOA_W
ClientSampled :

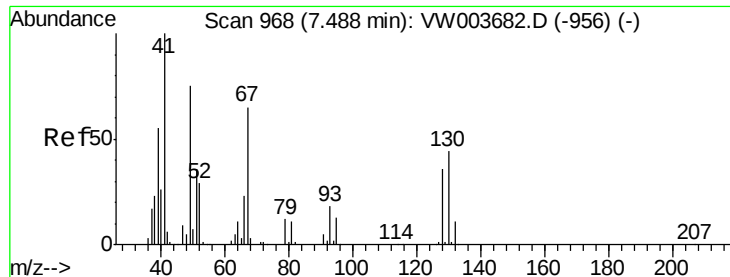
Tot Ion: 83 Resp: 279383
Ion Ratio Lower Upper
83 100
55 81.3 65.3 97.9
98 45.1 36.3 54.5



#40
Benzene
Concen: 54.326 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 78 Resp: 641825
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

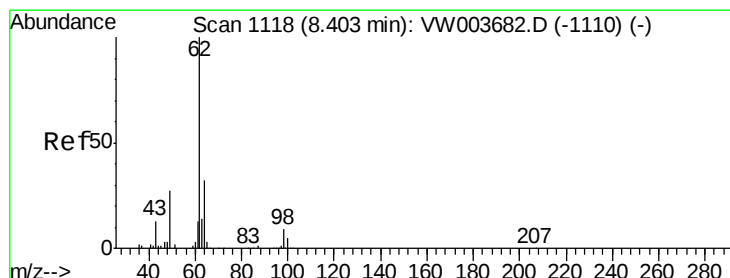
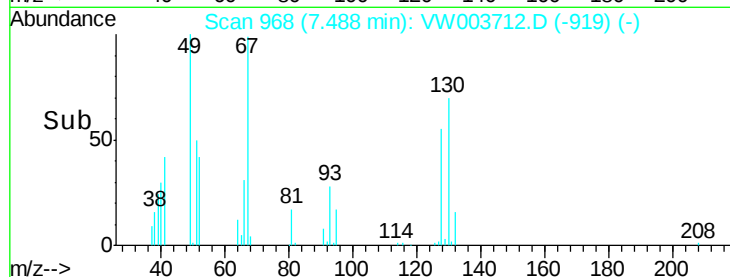
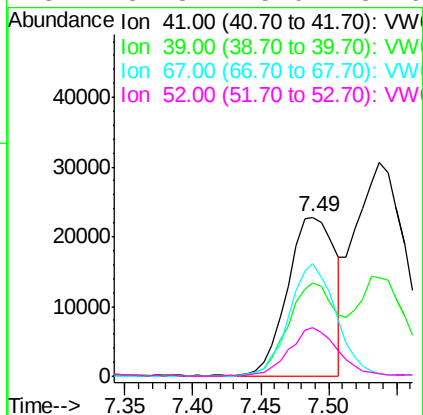
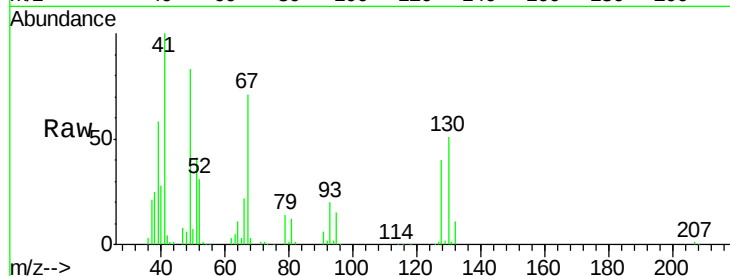




#41
Methacrylonitrile
Concen: 48.012 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

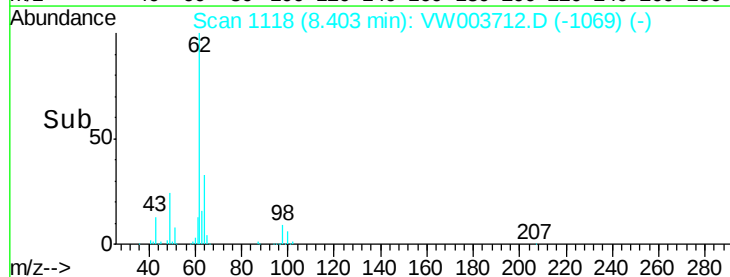
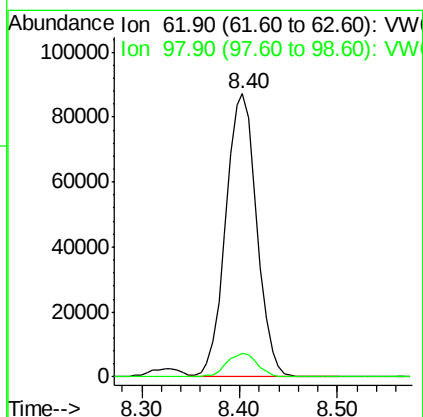
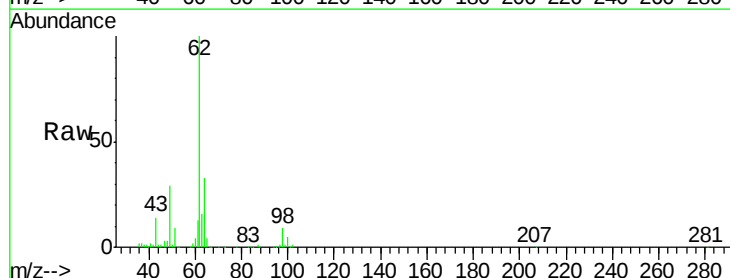
Instrument :
MSVOA_W
ClientSampleId :

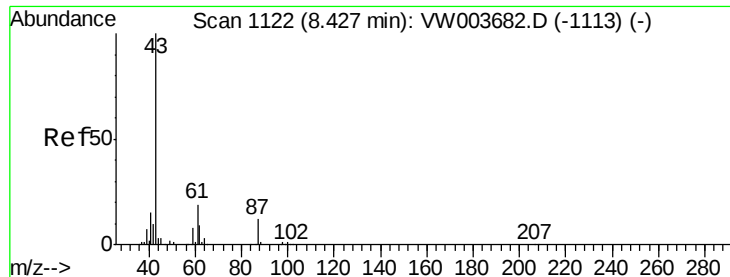
Tot Ion:	41	Resp:	55836
Ion	Ratio	Lower	Upper
41	100		
39	61.3	47.8	71.8
67	70.0	53.9	80.9
52	31.8	25.0	37.6



#42
1,2-Dichloroethane
Concen: 51.363 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion:	62	Resp:	191073
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 48.888 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

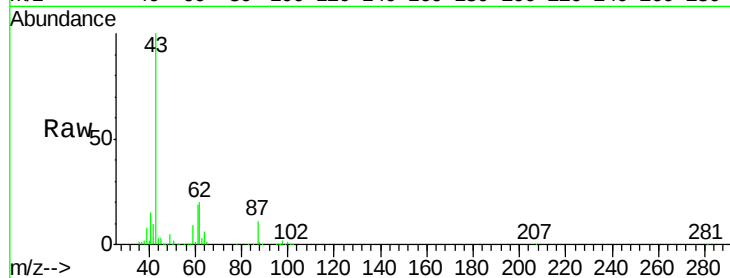
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 188390

Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.0	34.6
87	12.0	9.8	14.6

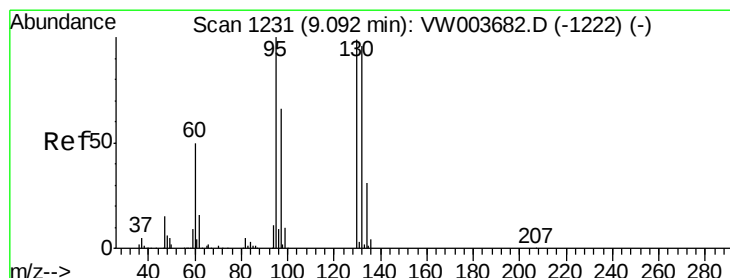
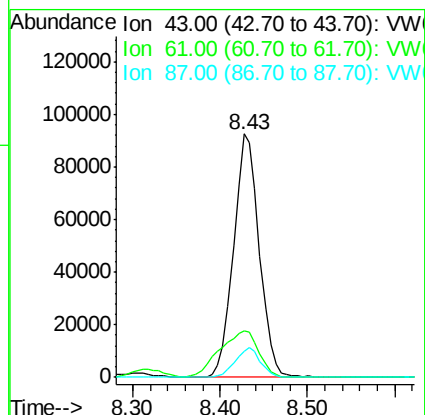
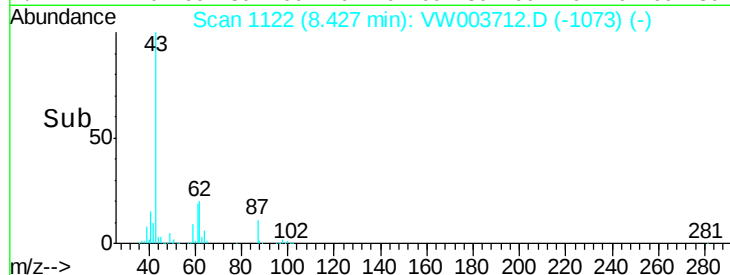


Abundance

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: 54.172 ug/l

RT: 9.09 min Scan# 1231

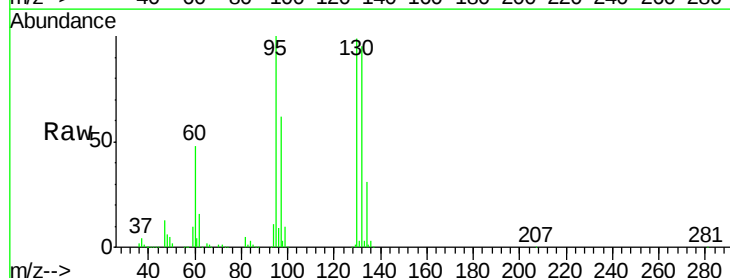
Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion: 130 Resp: 165449

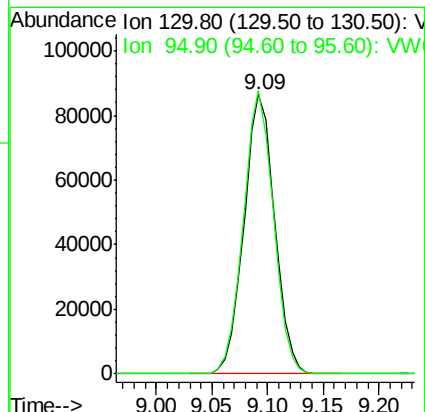
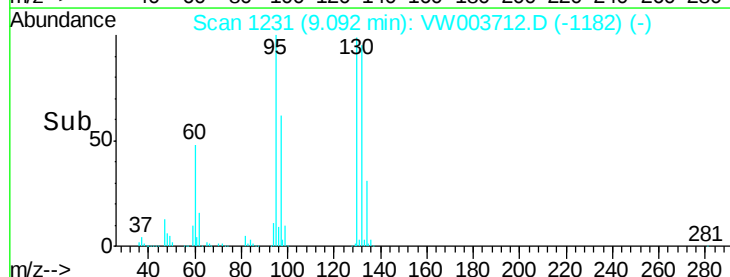
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	202.6

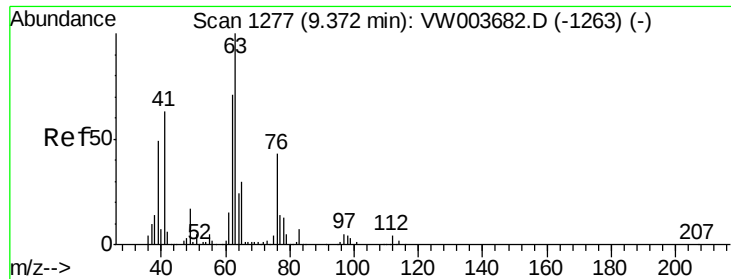


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 53.045 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

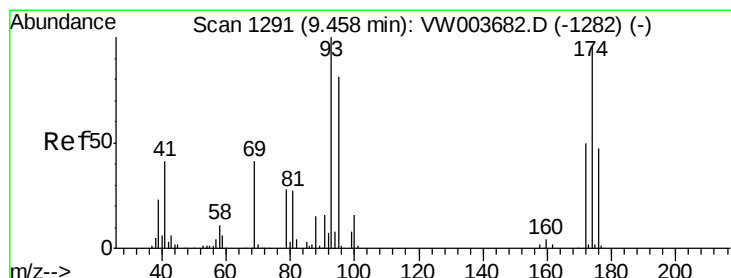
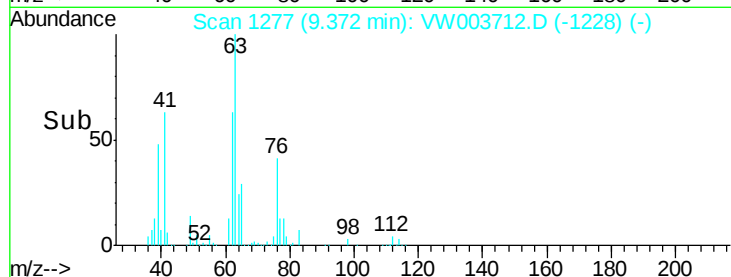
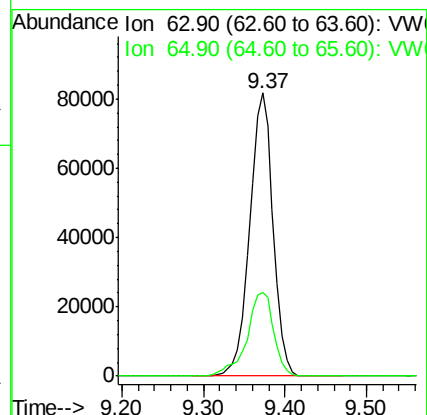
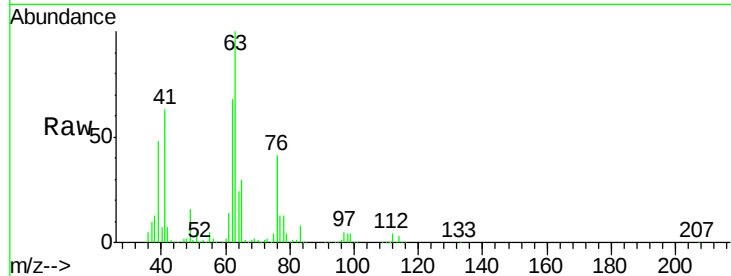
ClientSampled :

Tot Ion: 63 Resp: 162570

Ion Ratio Lower Upper

63 100

65 29.7 24.3 36.5



#46

Dibromomethane

Concen: 51.527 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

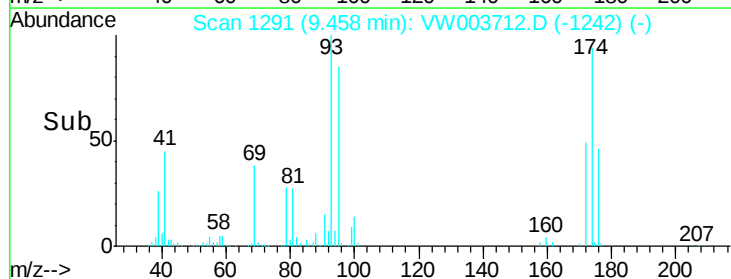
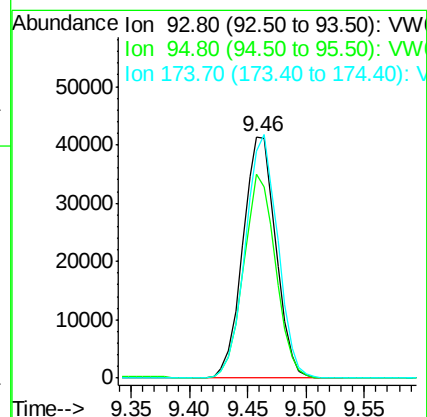
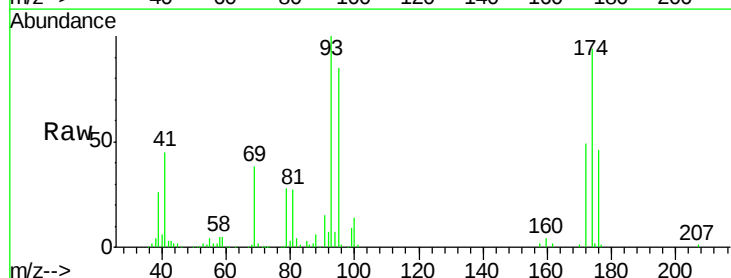
Tgt Ion: 93 Resp: 82012

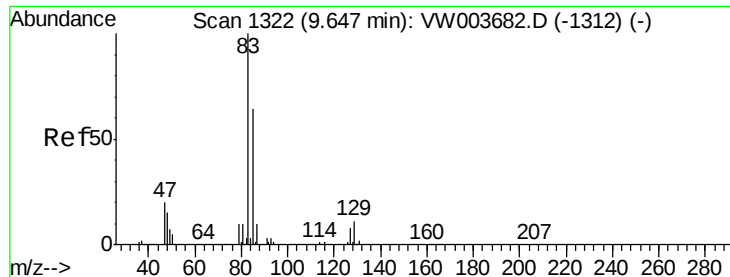
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 98.8 79.6 119.4





#47

Bromodichloromethane

Concen: 52.653 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

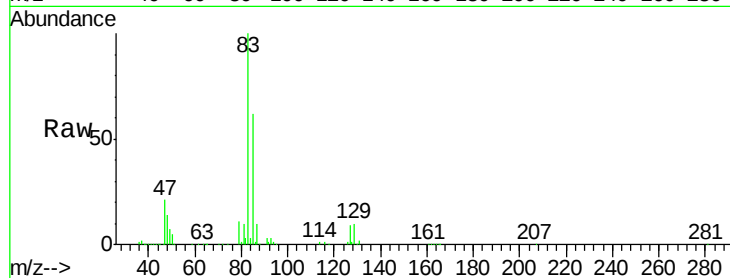
Tot Ion: 83 Resp: 207164

Ion Ratio Lower Upper

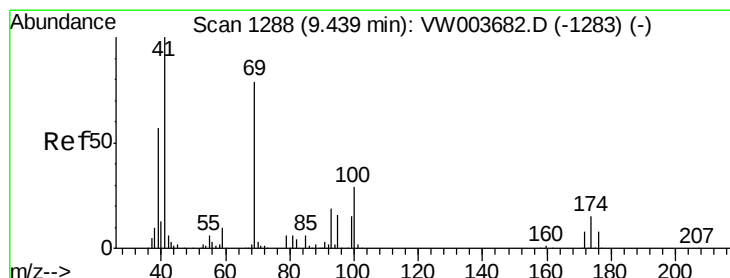
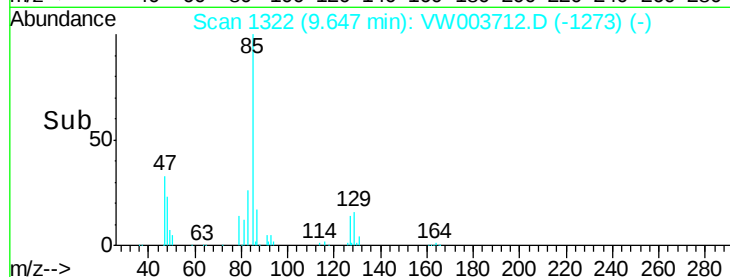
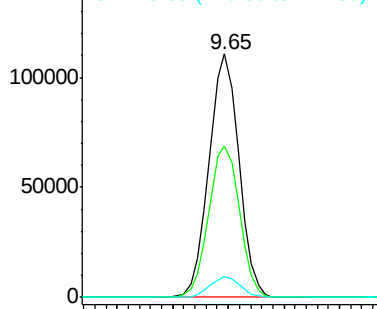
83 100

85 62.2 51.1 76.7

127 8.6 6.5 9.7



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



#48

Methyl methacrylate

Concen: 45.688 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

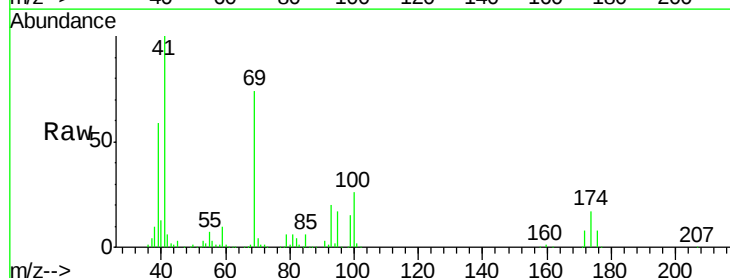
Tgt Ion: 41 Resp: 92401

Ion Ratio Lower Upper

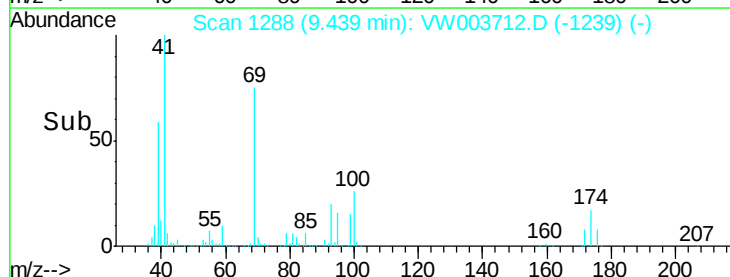
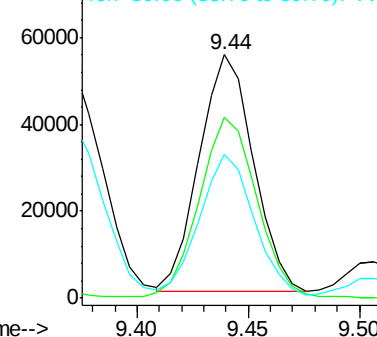
41 100

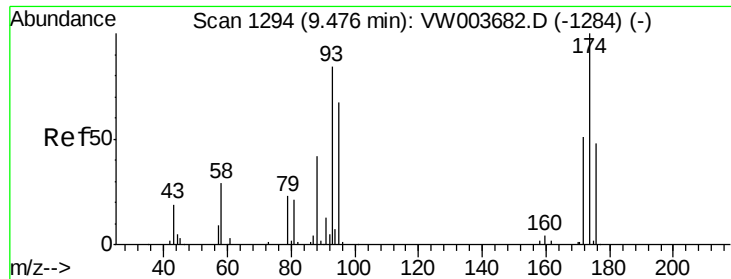
69 82.1 65.4 98.2

39 62.0 50.0 75.0



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

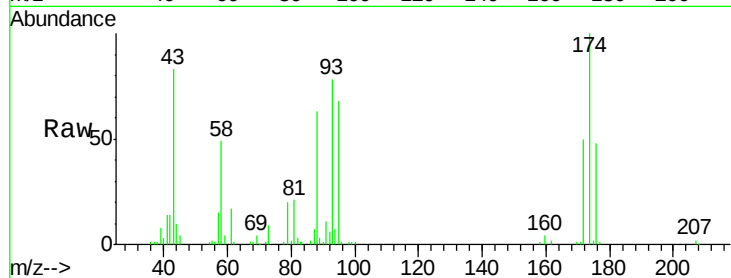




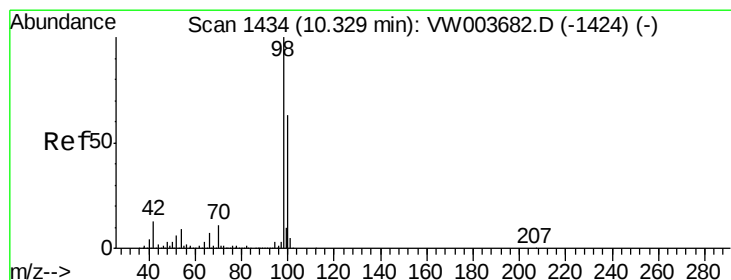
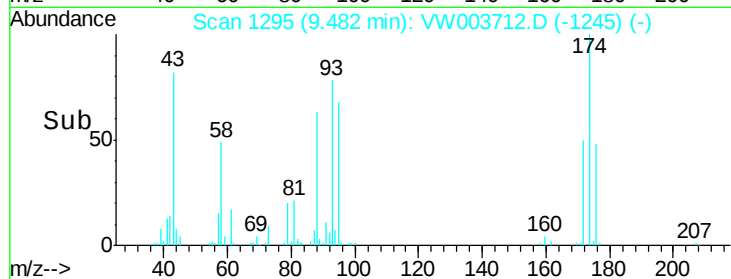
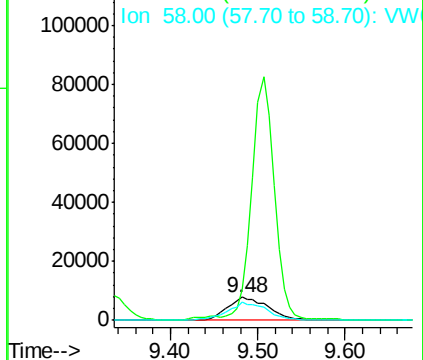
#49
1,4-Dioxane
Concen: 1002.192 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 25023
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.7 61.8 92.6

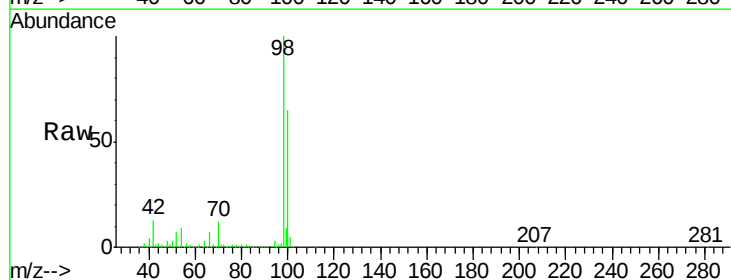


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

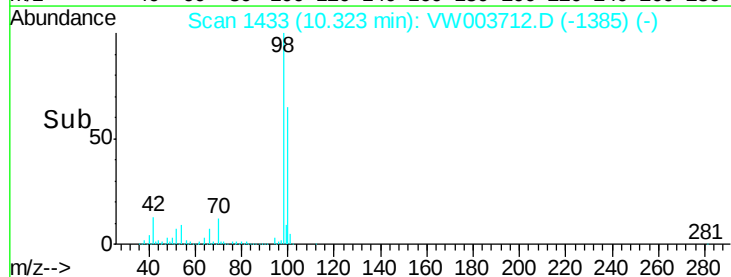
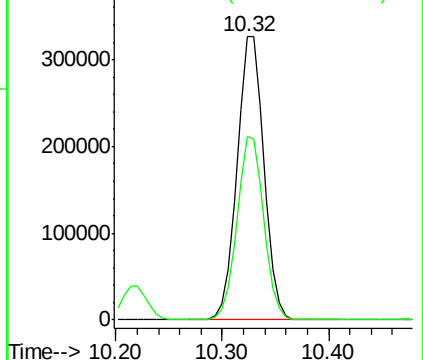


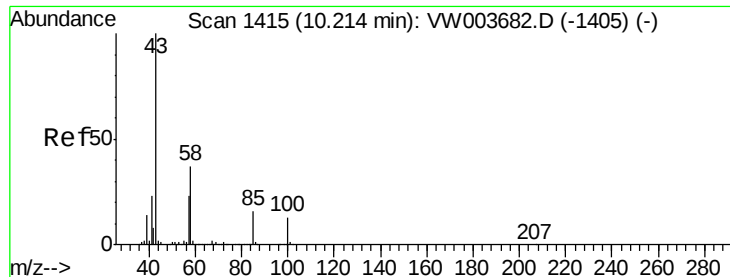
#50
Toluene-d8
Concen: 53.991 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 98 Resp: 578845
Ion Ratio Lower Upper
98 100
100 64.2 50.8 76.2



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





#51

4-Methyl-2-Pentanone

Concen: 243.146 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

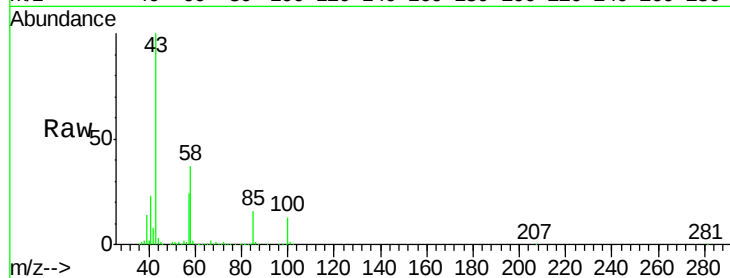
ClientSampled :

Tot Ion: 43 Resp: 493720

Ion Ratio Lower Upper

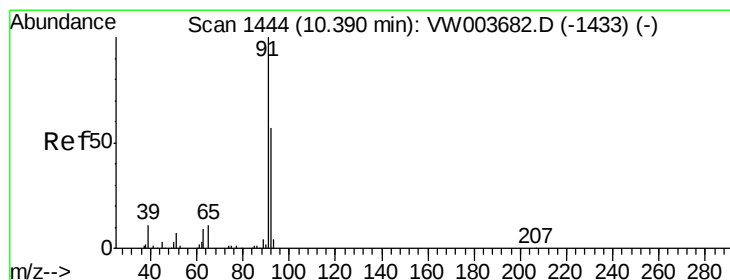
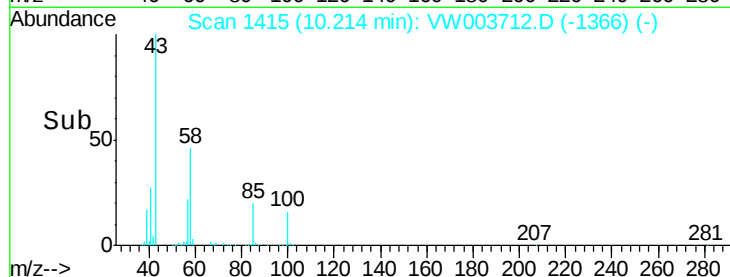
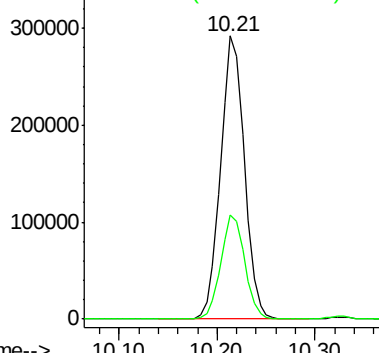
43 100

58 36.9 29.6 44.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 55.106 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003712.D

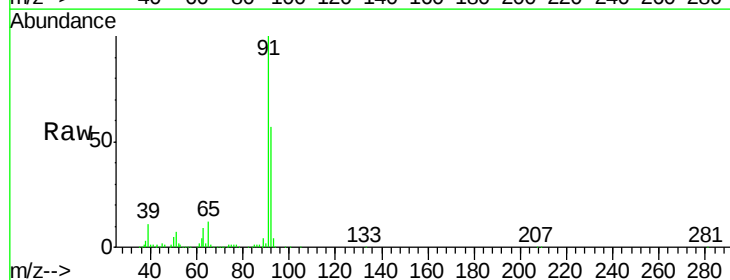
Acq: 05 Jul 2018 10:59

Tgt Ion: 92 Resp: 406280

Ion Ratio Lower Upper

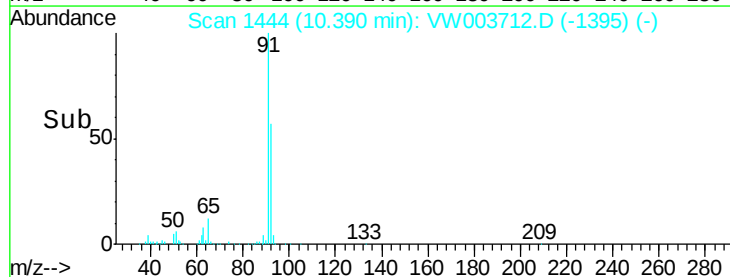
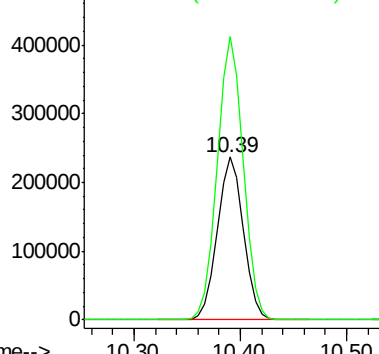
92 100

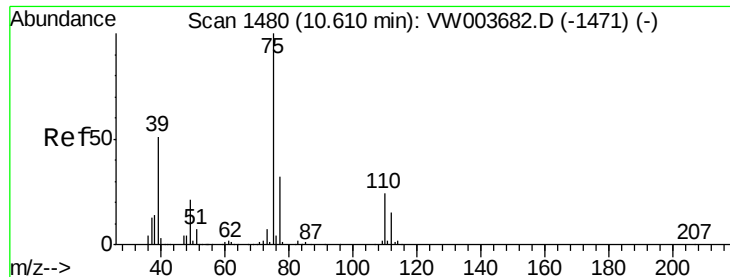
91 174.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 53.405 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

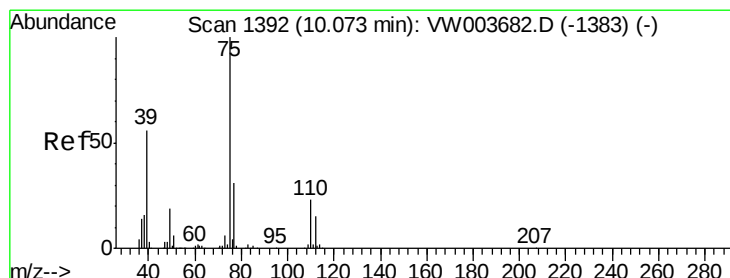
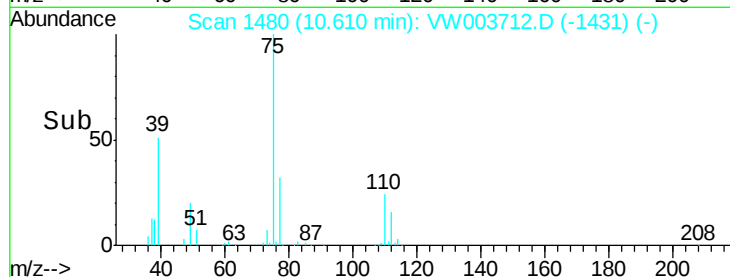
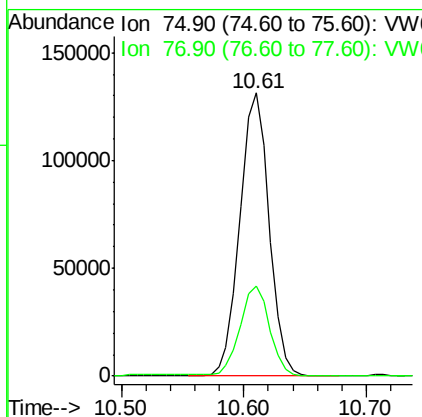
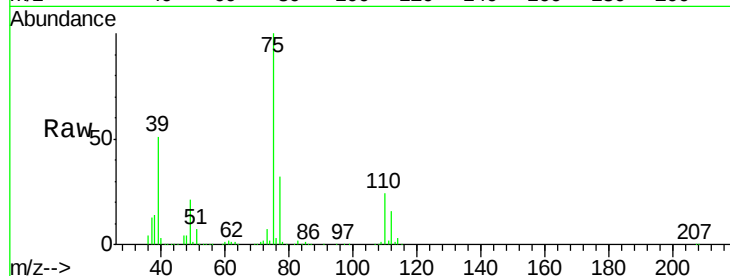
ClientSampled :

Tot Ion: 75 Resp: 217996

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 54.173 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

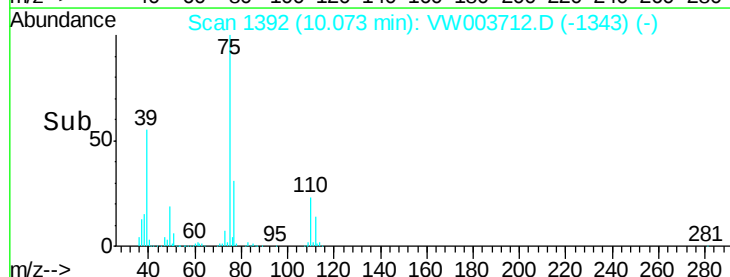
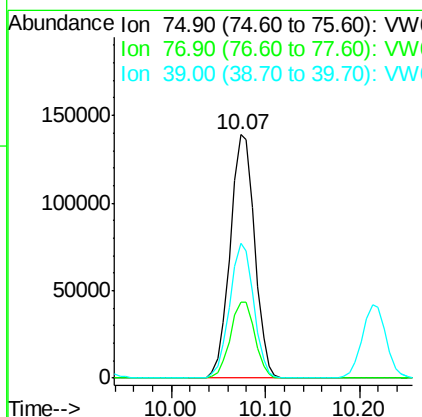
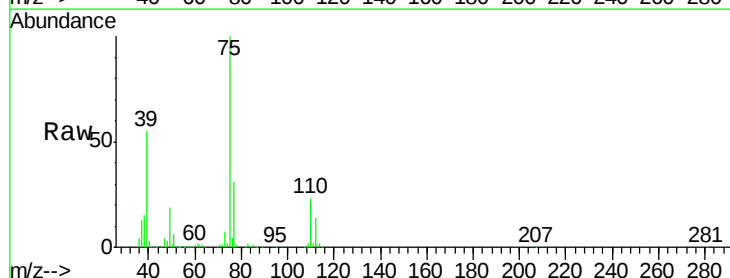
Tgt Ion: 75 Resp: 250697

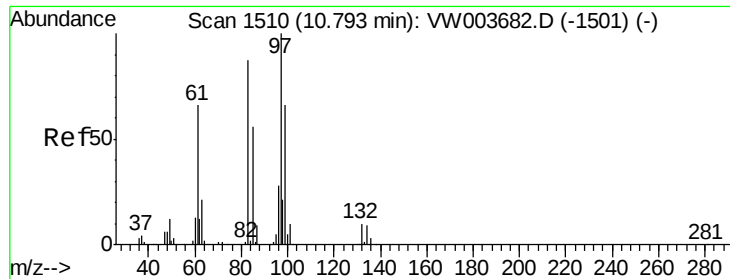
Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3

39 55.3 44.6 67.0

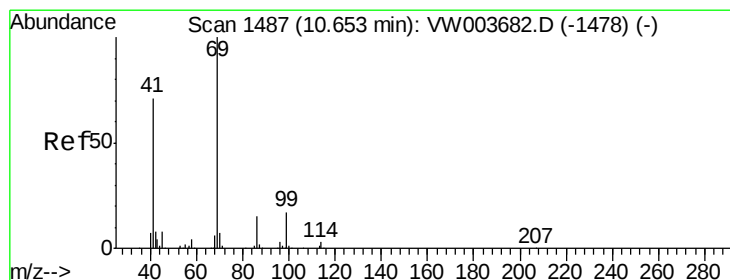
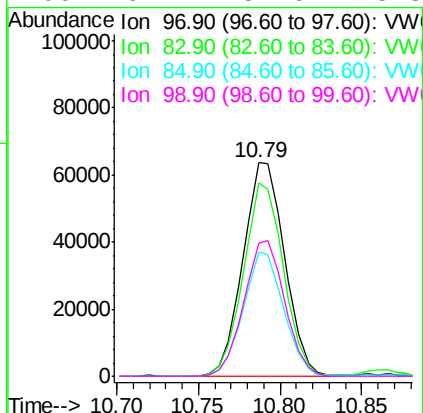
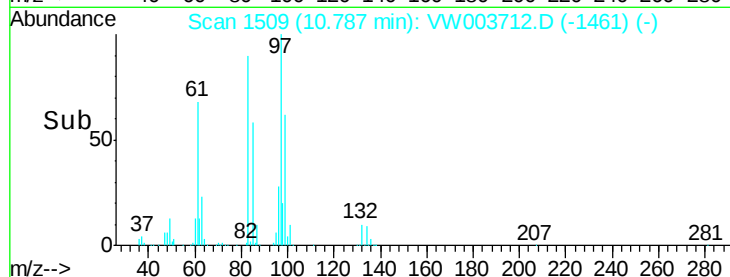
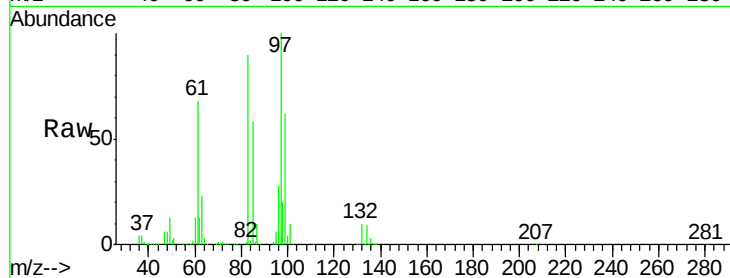




#55
 1,1,2-Trichloroethane
 Concen: 50.461 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

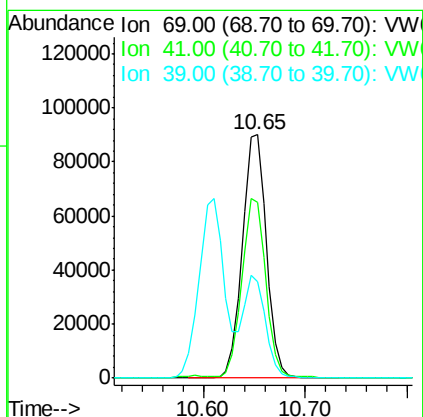
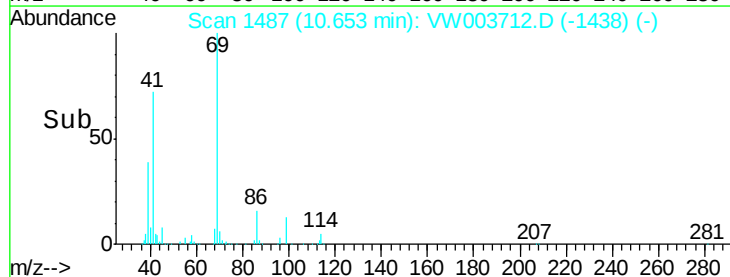
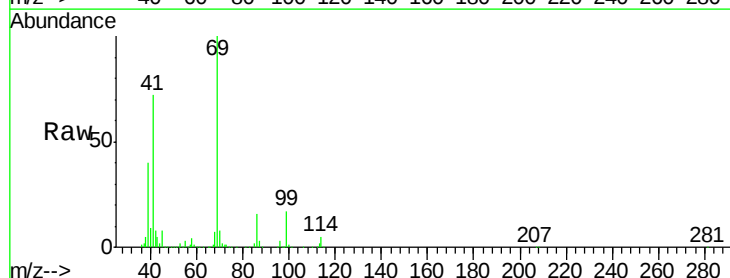
Instrument :
 MSVOA_W
 ClientSampled :

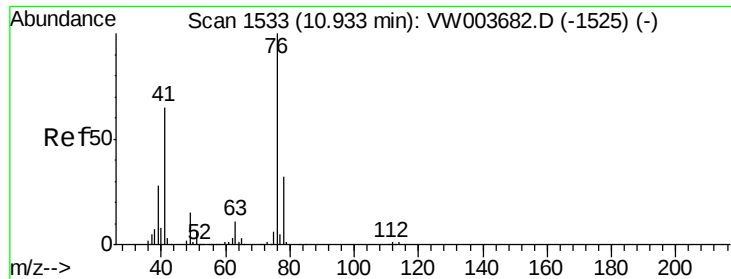
Tot Ion:	97	Resp:	113154
Ion	Ratio	Lower	Upper
97	100		
83	90.3	69.5	104.3
85	58.4	44.7	67.1
99	62.4	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 46.563 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion:	69	Resp:	147328
Ion	Ratio	Lower	Upper
69	100		
41	72.7	57.5	86.3
39	40.2	29.4	44.0

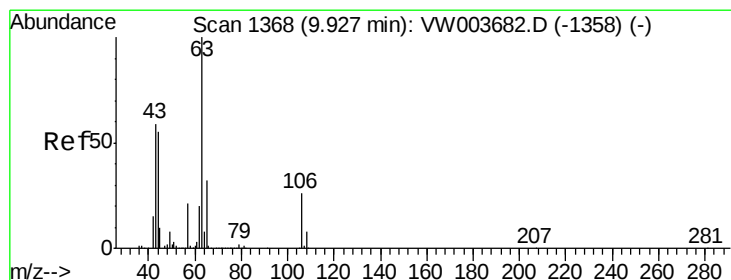
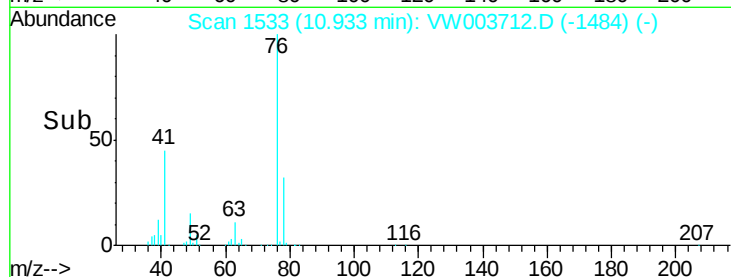
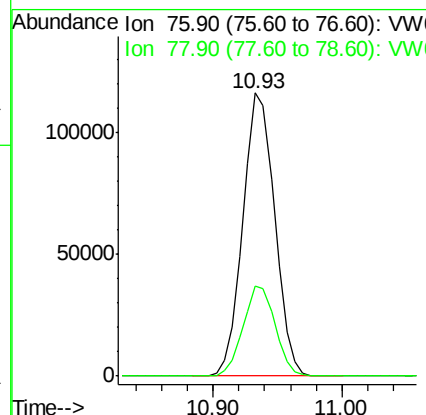
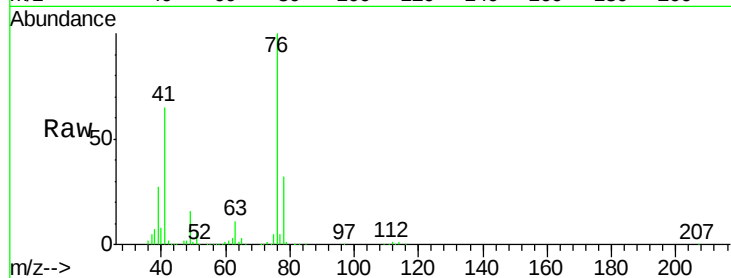




#57
 1,3-Dichloropropane
 Concen: 51.129 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

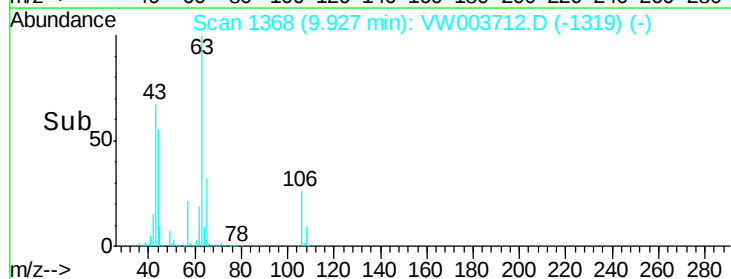
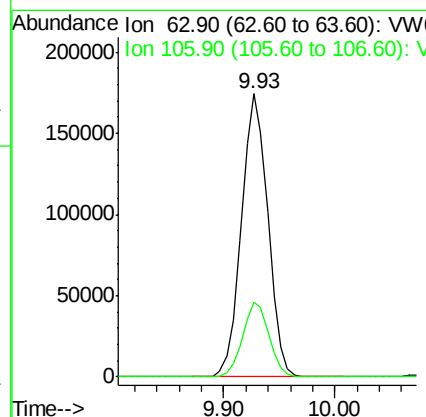
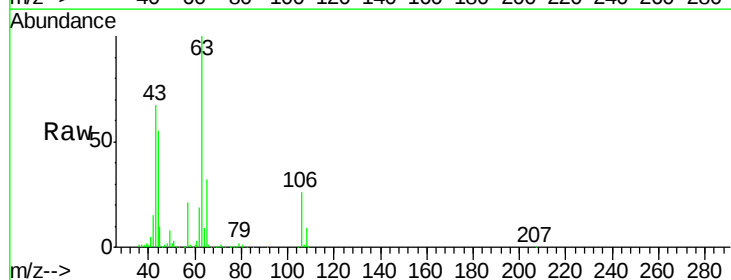
Instrument :
 MSVOA_W
 ClientSampled :

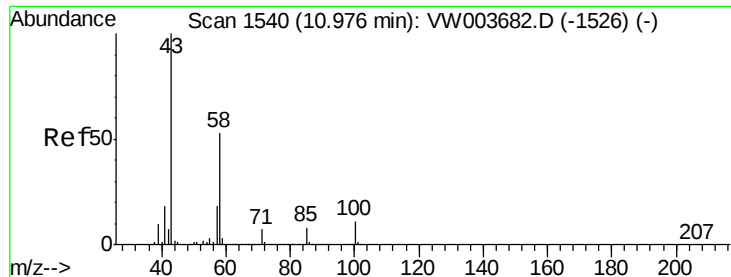
Tot Ion: 76 Resp: 199169
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.221 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion: 63 Resp: 285530
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.7 31.1

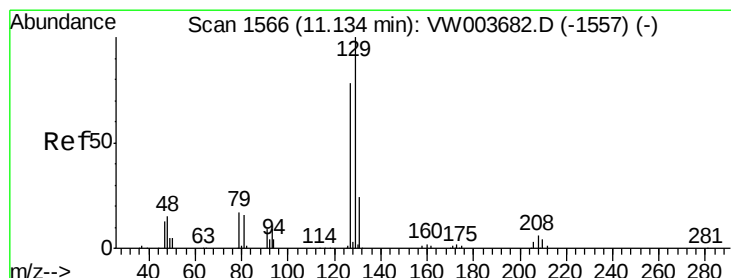
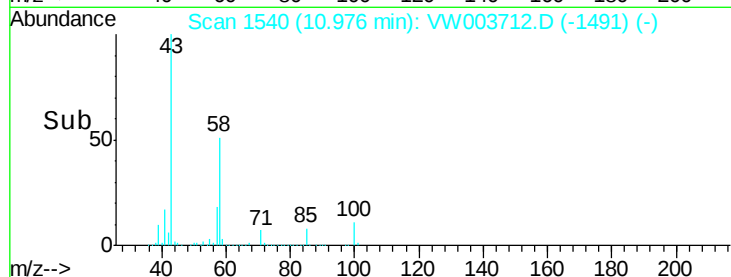
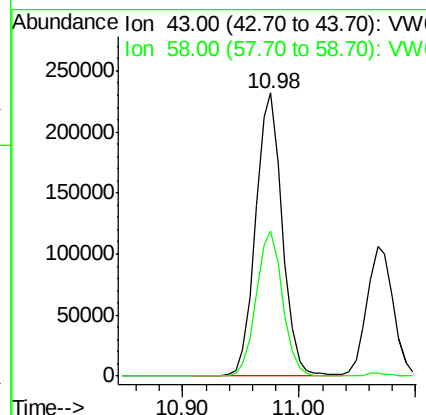
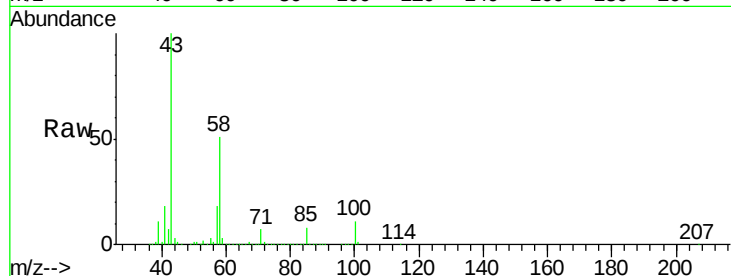




#59
2-Hexanone
Concen: 254.229 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

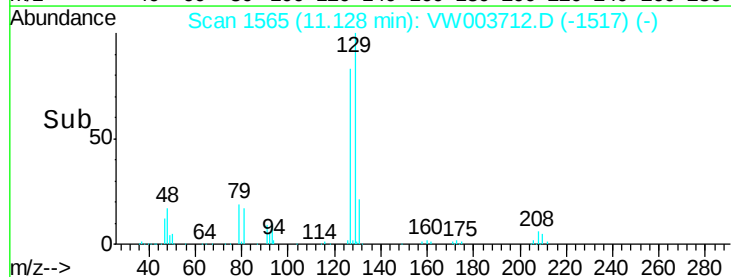
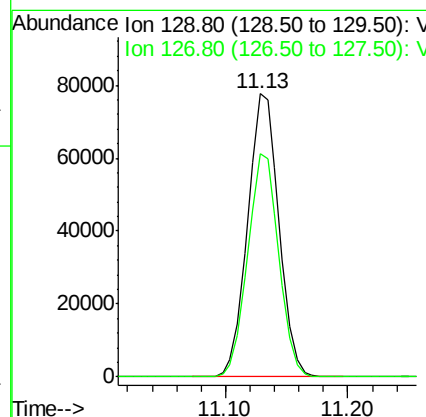
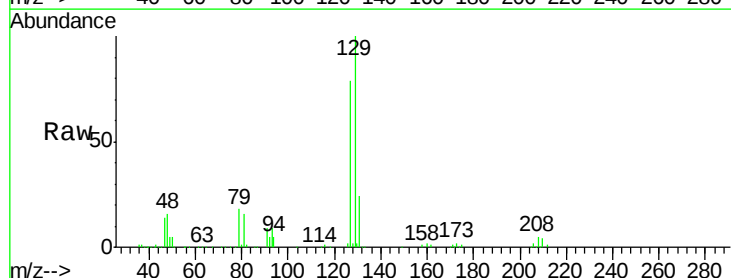
Instrument :
MSVOA_W
ClientSampleId :

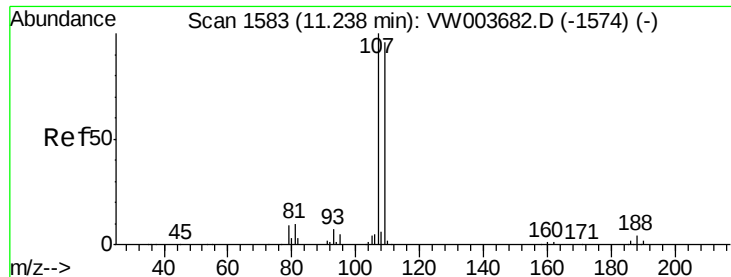
Tot Ion: 43 Resp: 369016
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.6



#60
Dibromochloromethane
Concen: 52.630 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 129 Resp: 137964
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2

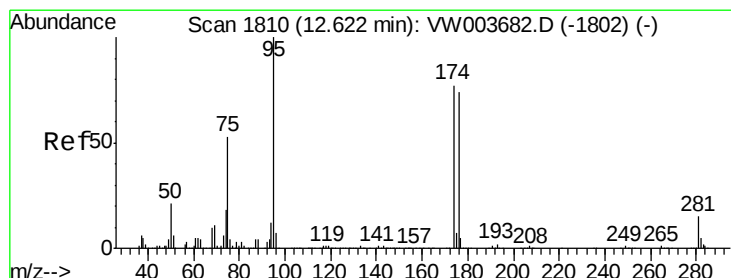
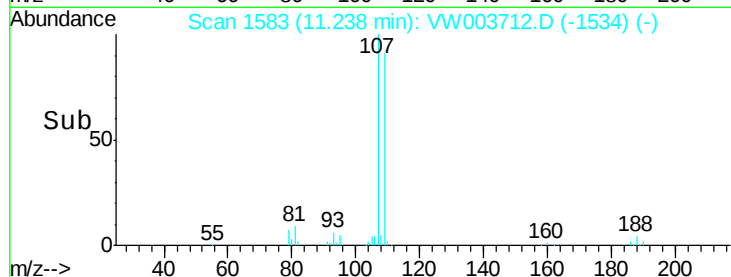
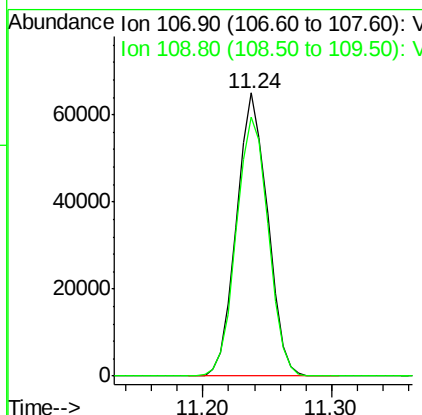
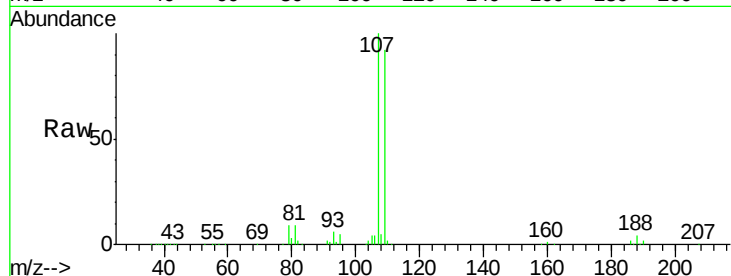




#61
 1,2-Dibromoethane
 Concen: 50.702 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

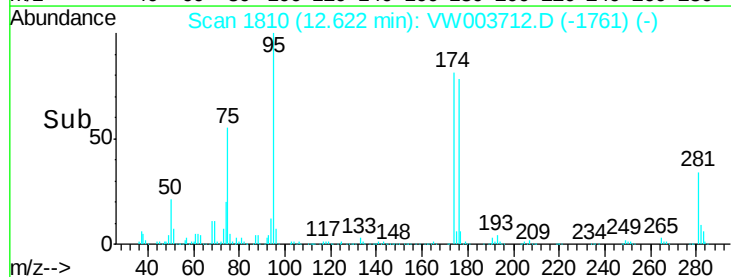
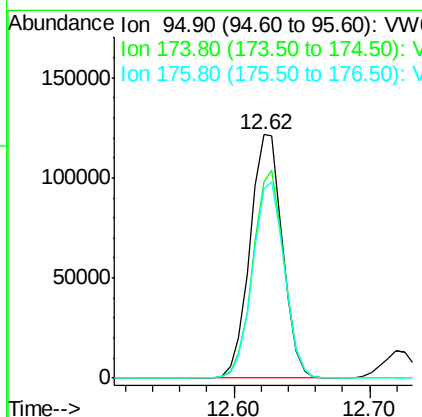
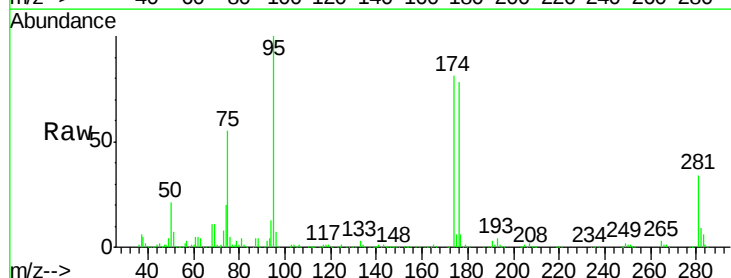
Instrument :
 MSVOA_W
 ClientSampleId :

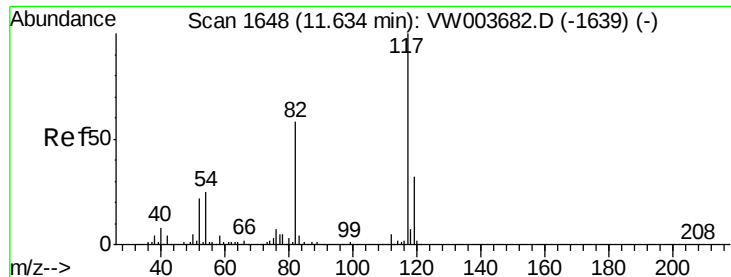
Tot Ion: 107 Resp: 108898
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.978 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion: 95 Resp: 204052
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 161.2
 176 78.8 0.0 155.0

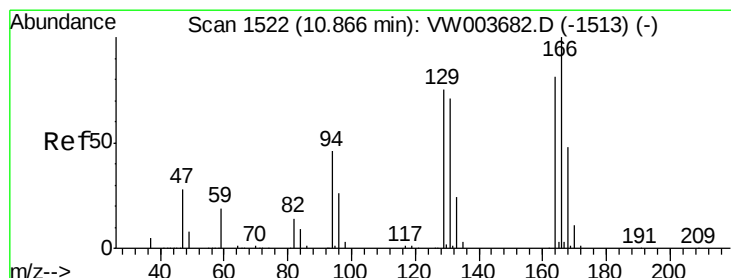
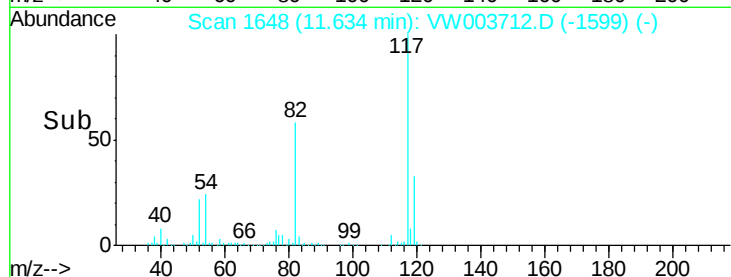
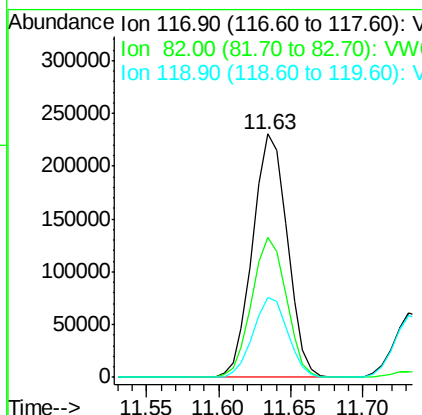
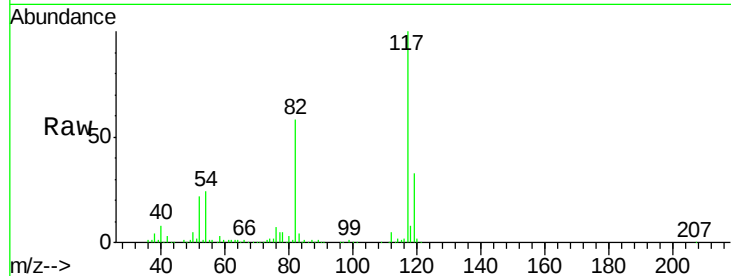




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

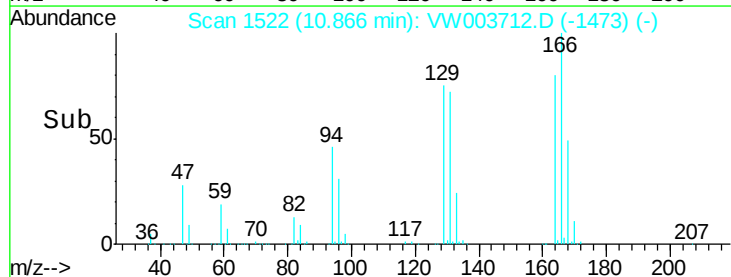
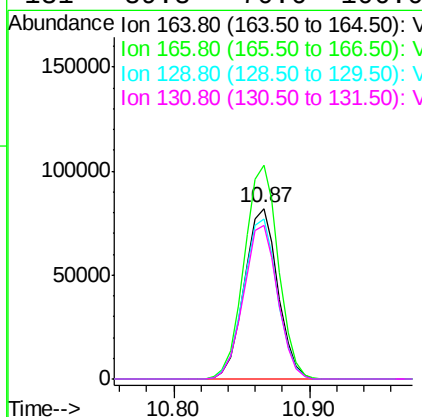
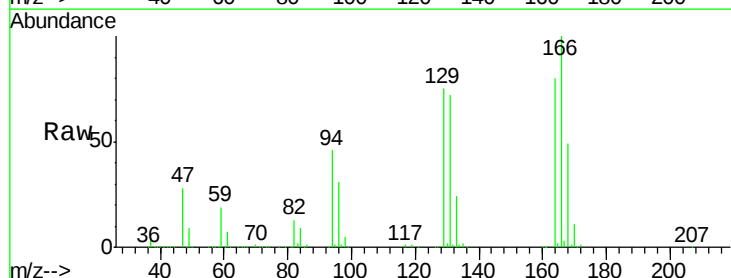
Instrument :
MSVOA_W
ClientSampleId :

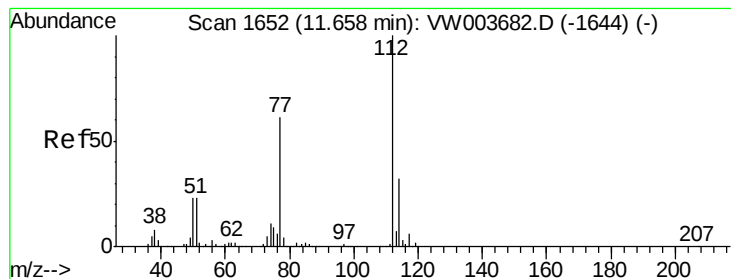
Tot Ion:117 Resp: 384101
Ion Ratio Lower Upper
117 100
82 57.7 46.0 69.0
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 54.348 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion:164 Resp: 141091
Ion Ratio Lower Upper
164 100
166 125.3 99.0 148.4
129 93.7 73.8 110.6
131 89.8 70.6 106.0





#65

Chlorobenzene

Concen: 54.270 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

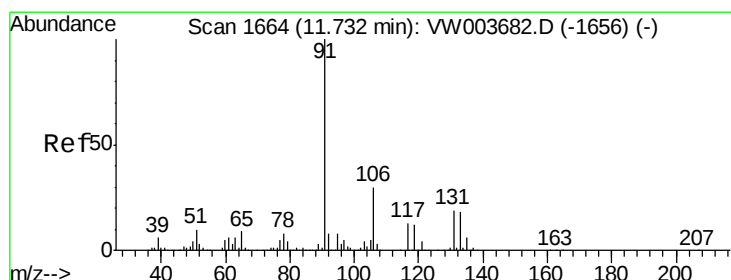
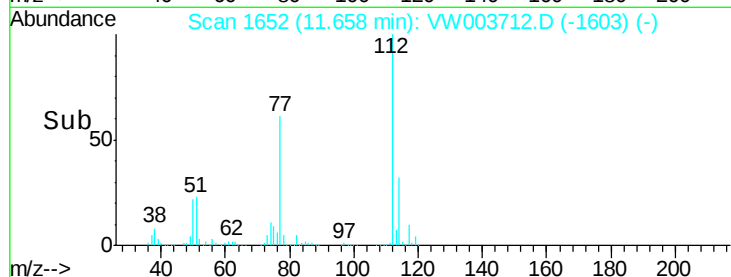
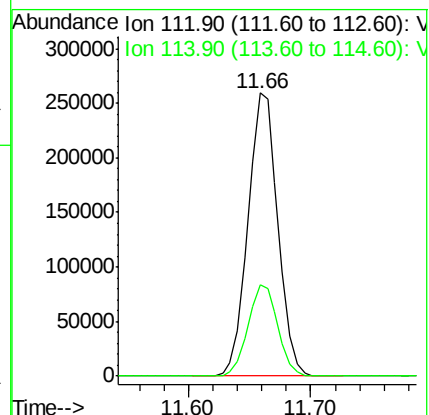
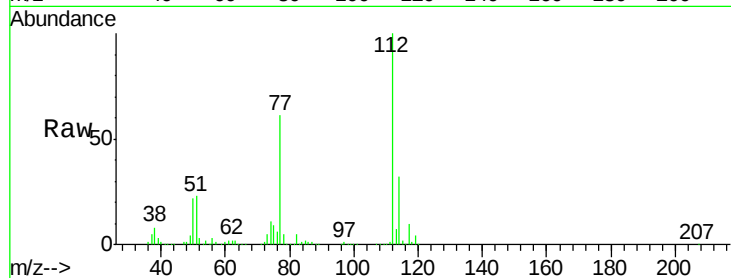
ClientSampleId :

Tot Ion:112 Resp: 438245

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 54.916 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

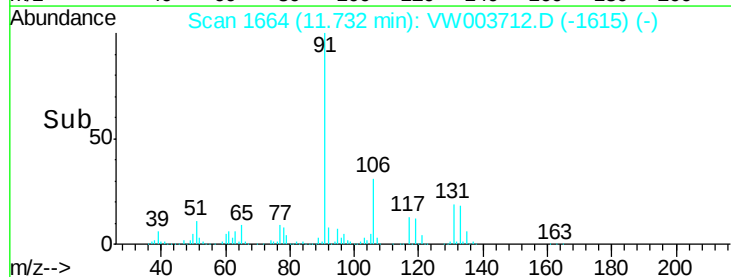
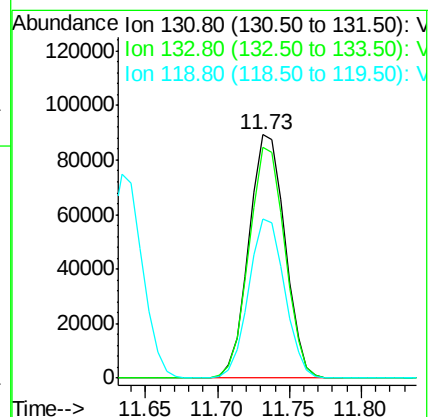
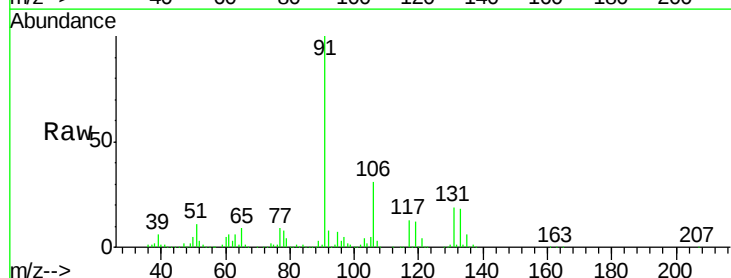
Tgt Ion:131 Resp: 154980

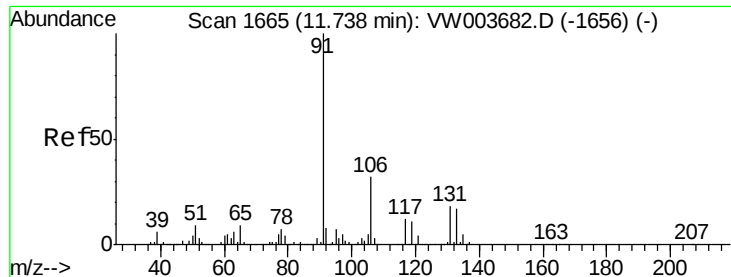
Ion Ratio Lower Upper

131 100

133 94.4 47.6 142.8

119 65.0 31.9 95.9

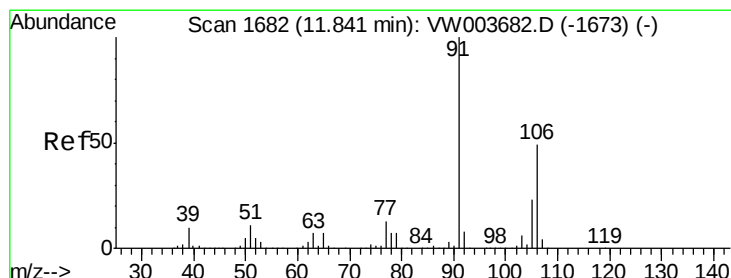
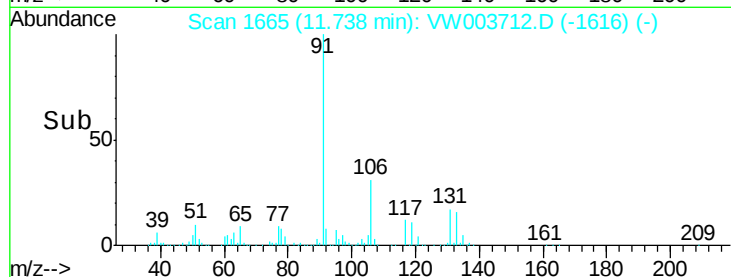
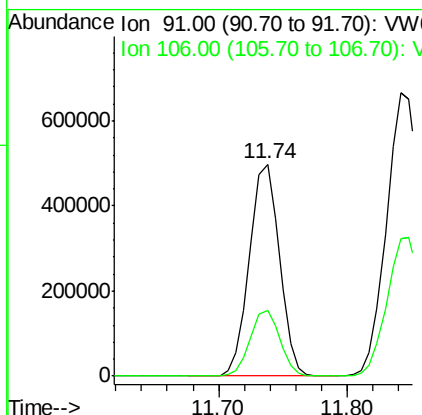
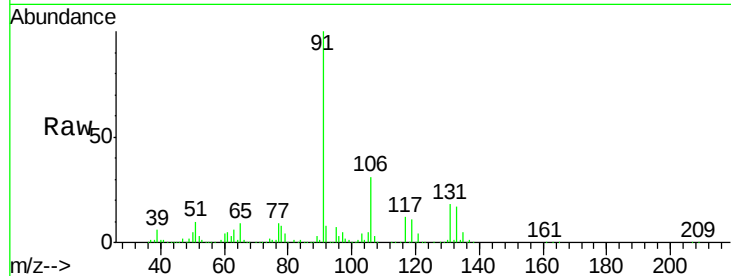




#67
Ethyl Benzene
Concen: 56.798 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

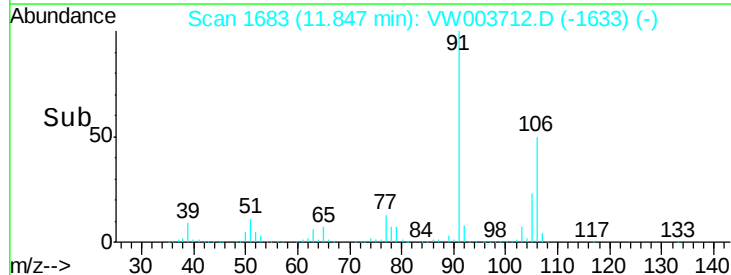
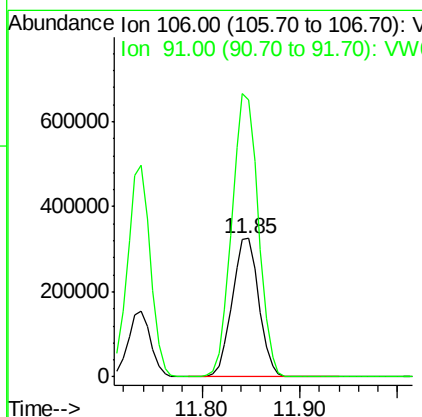
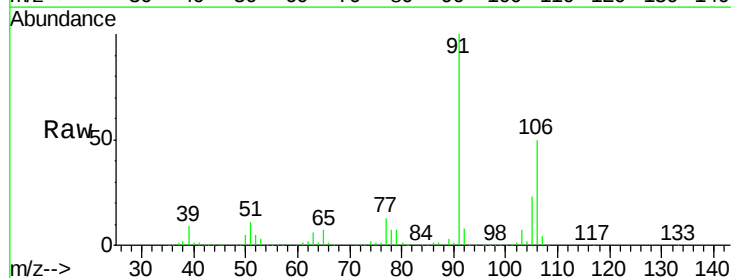
Instrument :
MSVOA_W
ClientSampled :

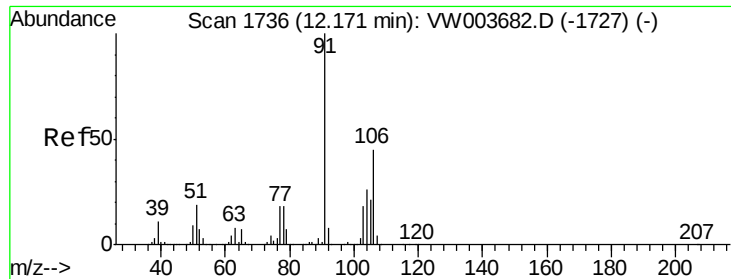
Tot Ion: 91 Resp: 803627
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 114.332 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 106 Resp: 615161
Ion Ratio Lower Upper
106 100
91 203.3 163.7 245.5

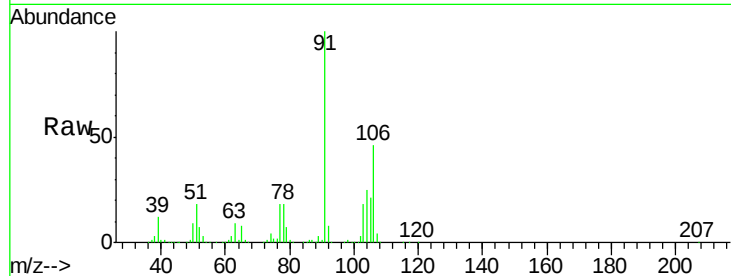




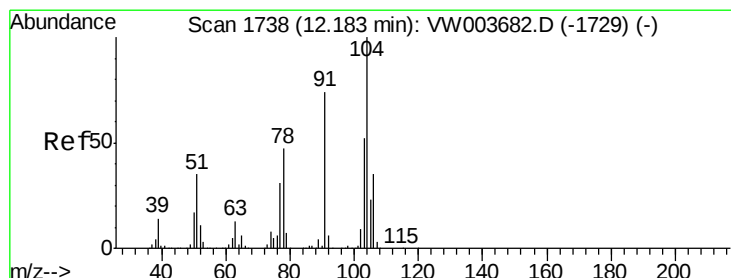
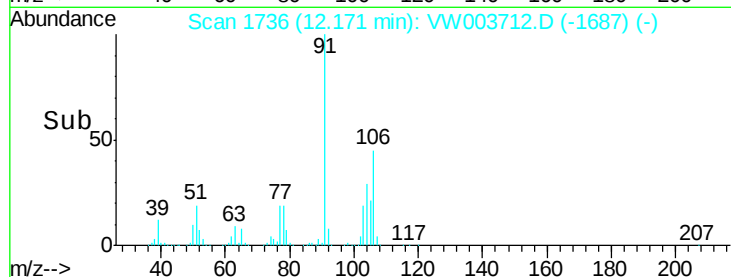
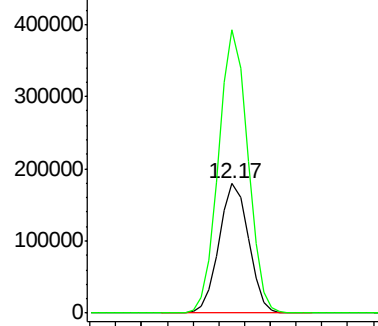
#69
o-Xylene
Concen: 57.334 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 285179
Ion Ratio Lower Upper
106 100
91 215.6 109.3 327.8

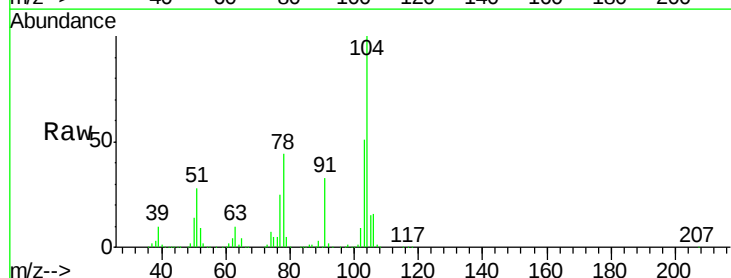


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

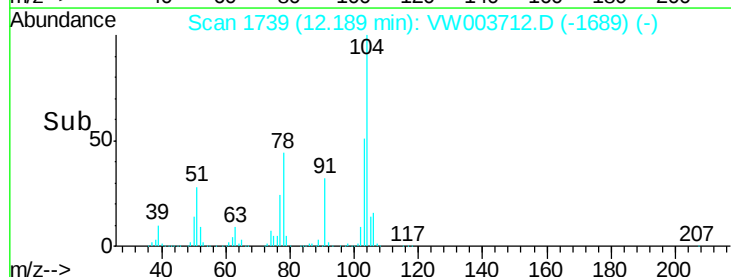
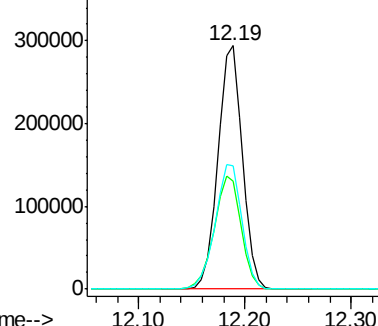


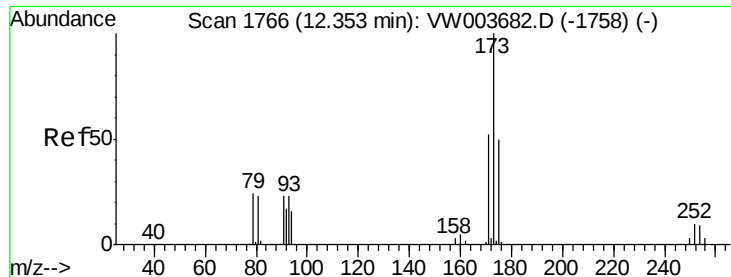
#70
Styrene
Concen: 56.841 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion:104 Resp: 474872
Ion Ratio Lower Upper
104 100
78 51.2 40.2 60.4
103 55.8 44.4 66.6



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





#71

Bromoform

Concen: 53.217 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

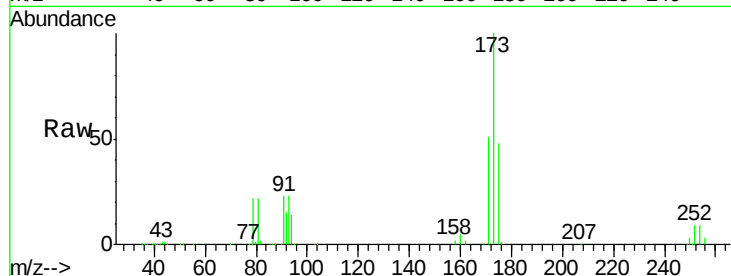
Tot Ion:173 Resp: 83450

Ion Ratio Lower Upper

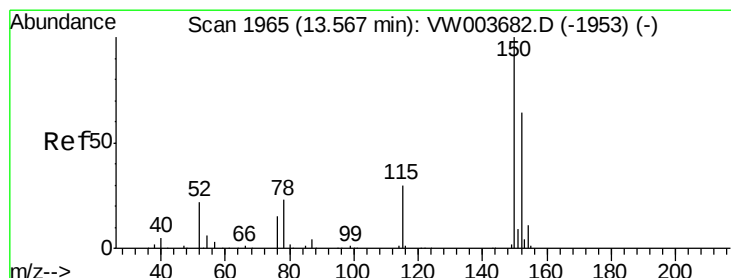
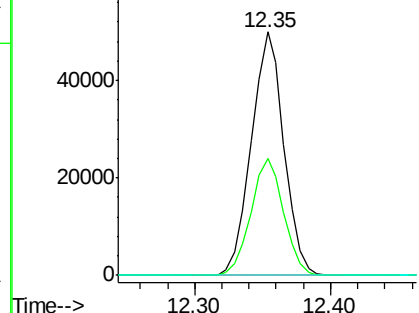
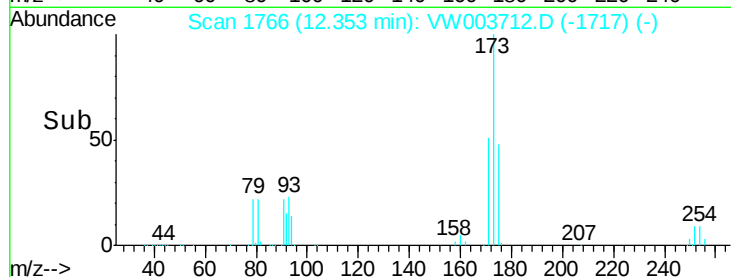
173 100

175 48.4 24.5 73.5

254 0.1 0.2 0.2#



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: VW003712.D

Acq: 05 Jul 2018 10:59

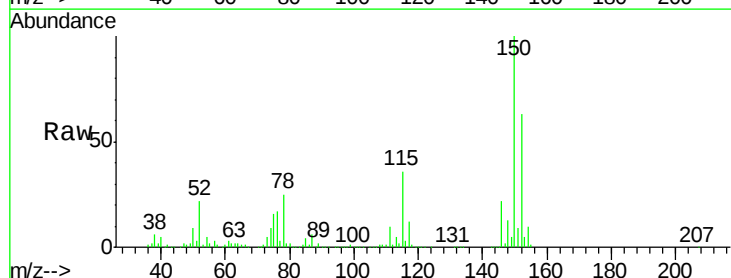
Tgt Ion:152 Resp: 203431

Ion Ratio Lower Upper

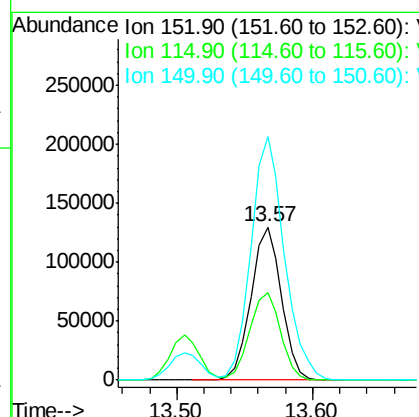
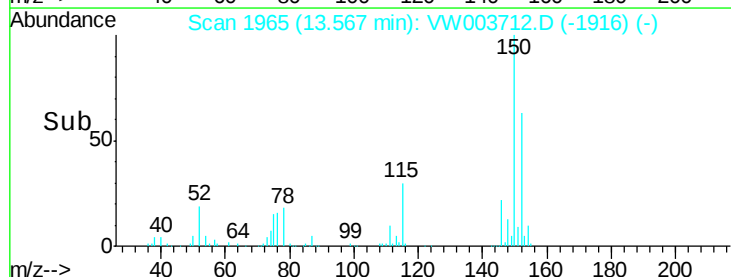
152 100

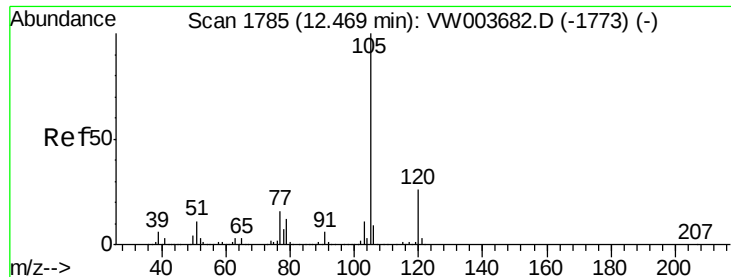
115 58.0 29.3 88.0

150 174.7 0.0 352.0



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: 57.231 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

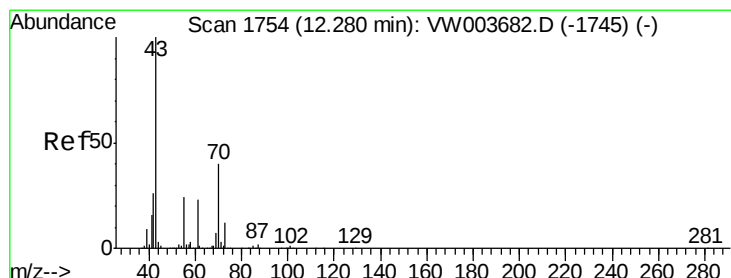
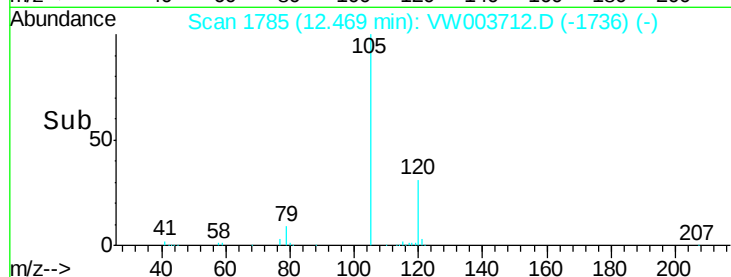
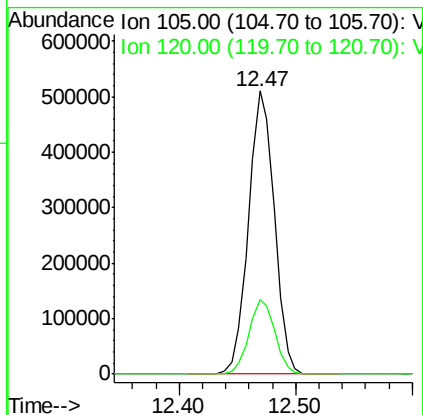
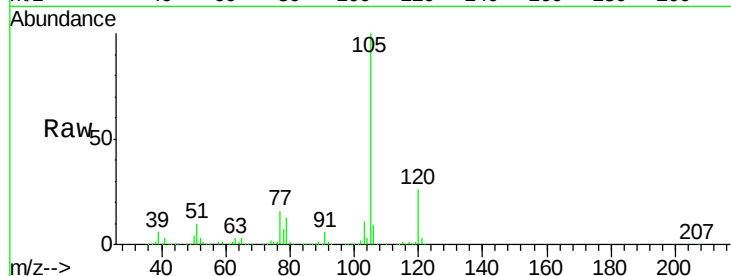
ClientSampled :

Tot Ion:105 Resp: 791952

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 50.730 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Tgt Ion: 43 Resp: 185364

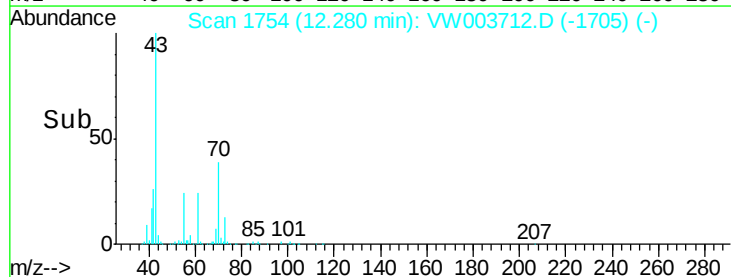
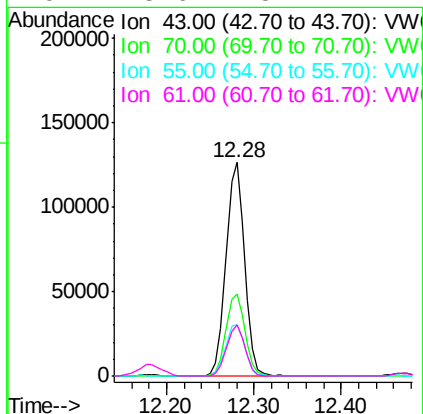
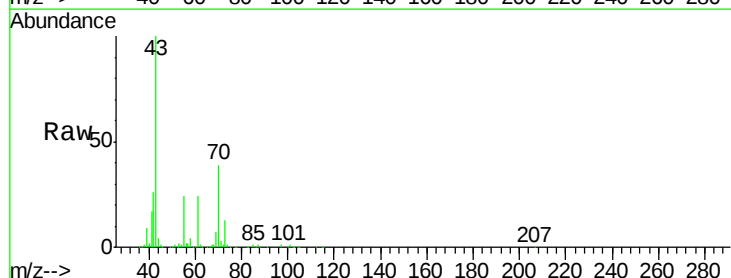
Ion Ratio Lower Upper

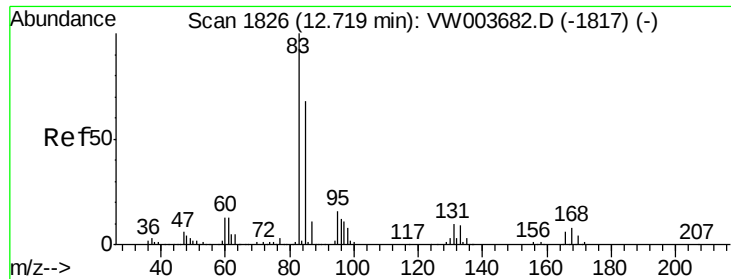
43 100

70 39.3 31.3 46.9

55 25.4 20.1 30.1

61 23.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.315 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

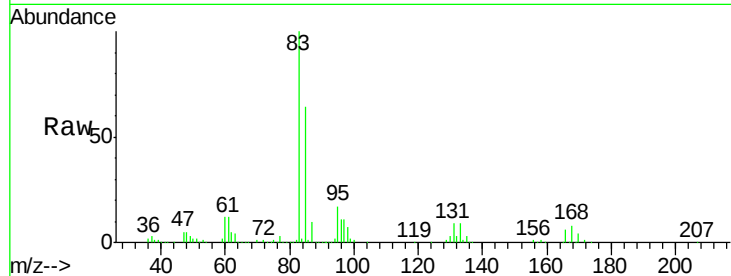
Tot Ion: 83 Resp: 136186

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

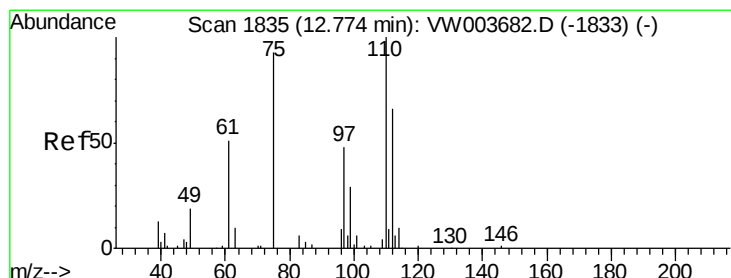
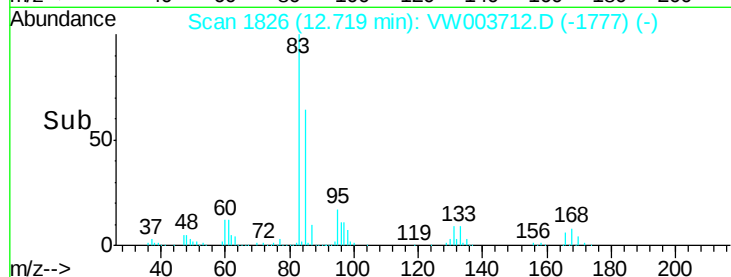
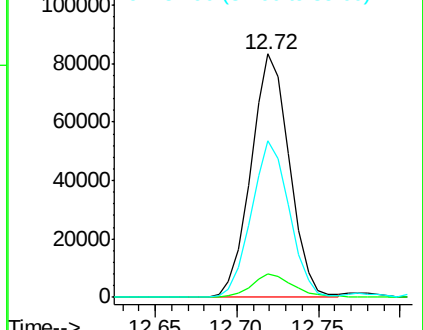
85 63.4 31.9 95.9



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: 100.463 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003712.D

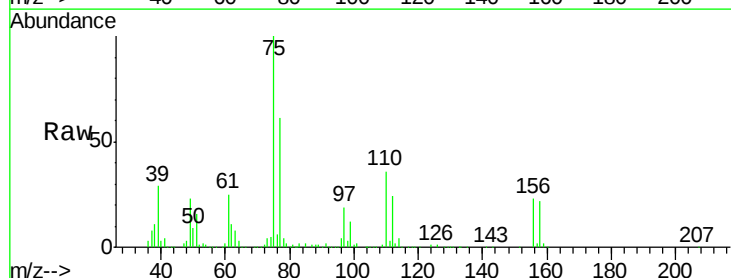
Acq: 05 Jul 2018 10:59

Tgt Ion: 75 Resp: 183759

Ion Ratio Lower Upper

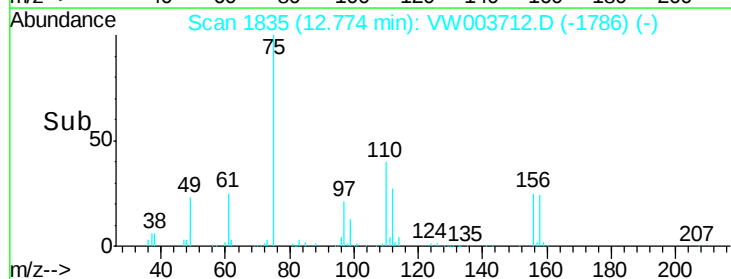
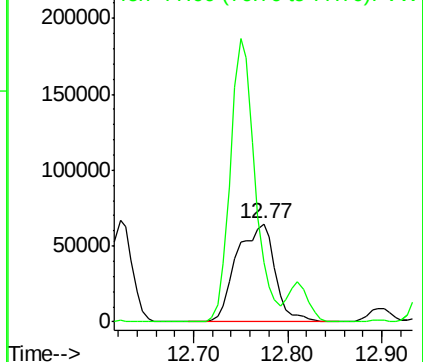
75 100

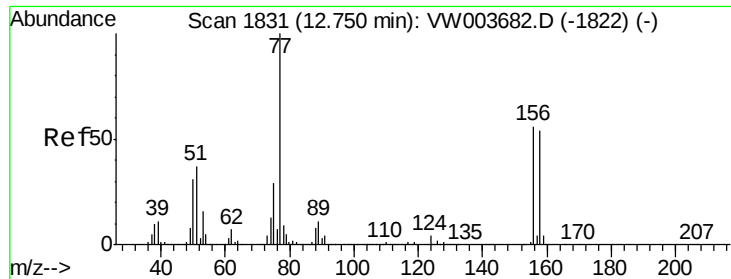
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.030 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampled :

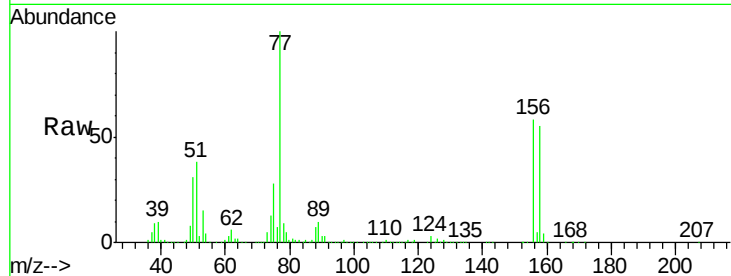
Tot Ion:156 Resp: 179435

Ion Ratio Lower Upper

156 100

77 190.0 95.8 287.4

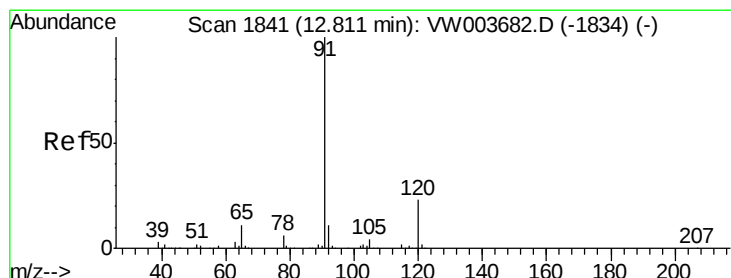
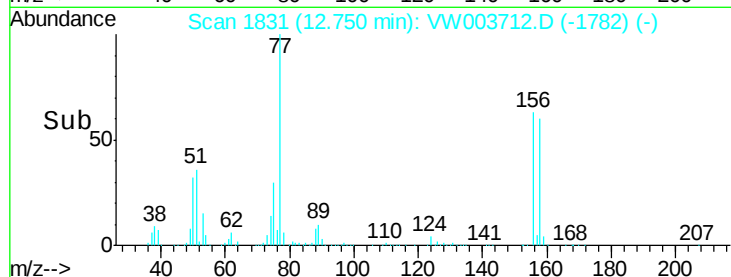
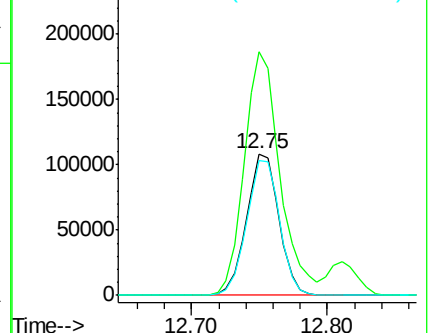
158 97.4 48.2 144.6



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: 57.310 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003712.D

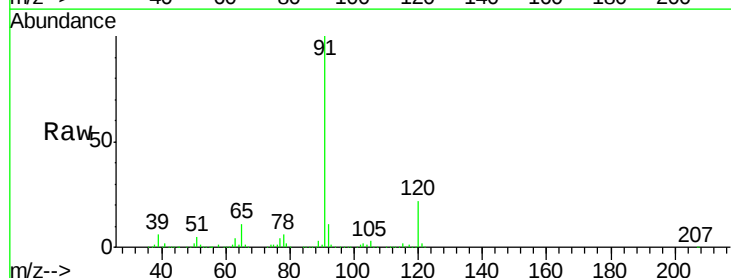
Acq: 05 Jul 2018 10:59

Tgt Ion: 91 Resp: 979715

Ion Ratio Lower Upper

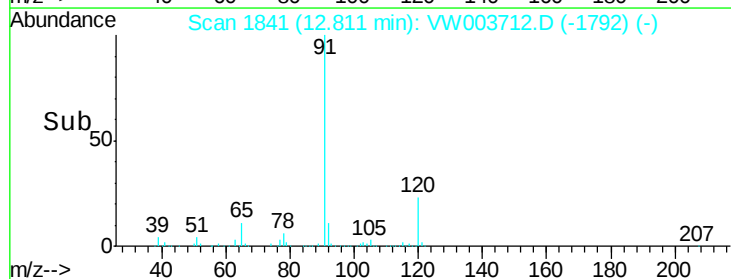
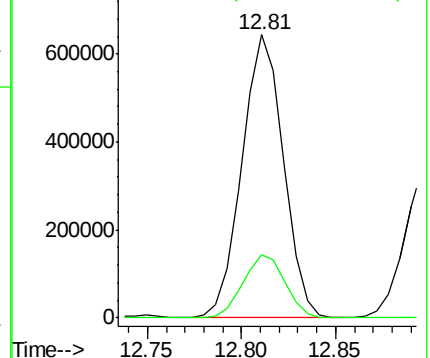
91 100

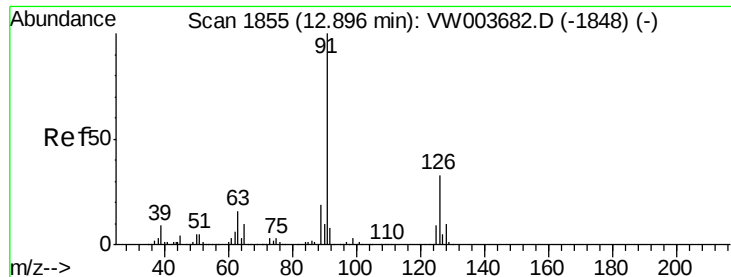
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.727 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

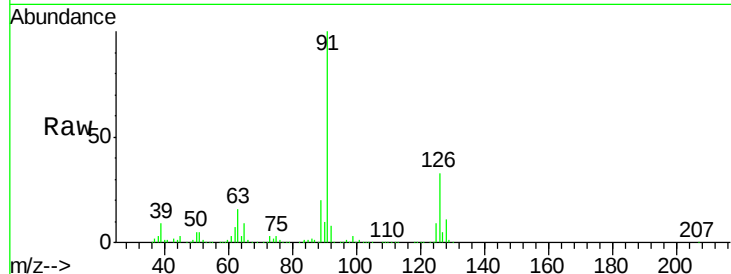
ClientSampled :

Tot Ion: 91 Resp: 542107

Ion Ratio Lower Upper

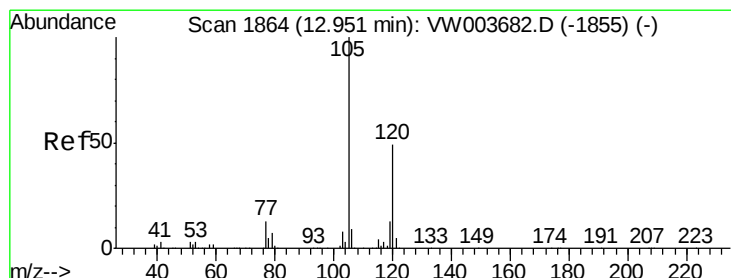
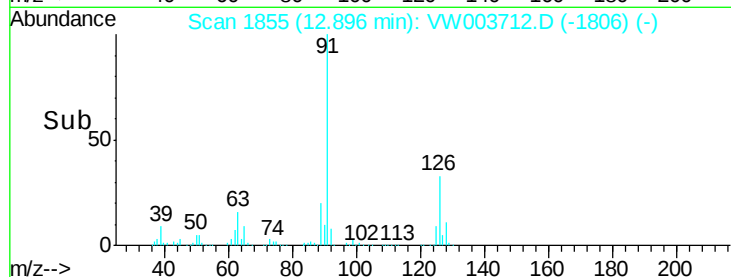
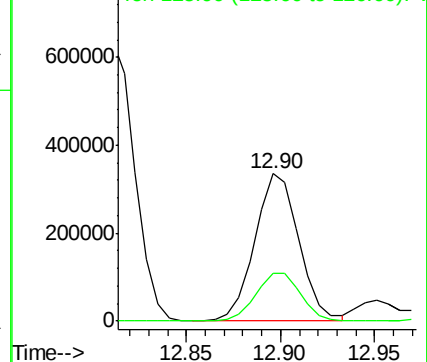
91 100

126 33.5 16.4 49.4



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: 57.229 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003712.D

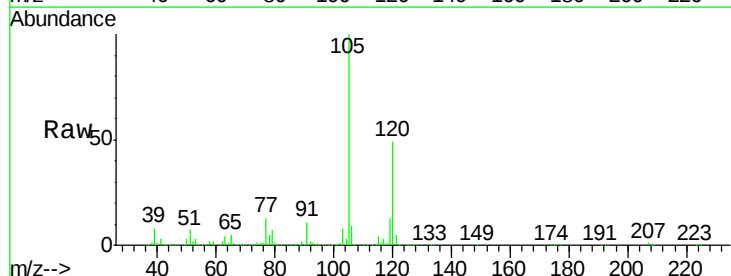
Acq: 05 Jul 2018 10:59

Tgt Ion:105 Resp: 669937

Ion Ratio Lower Upper

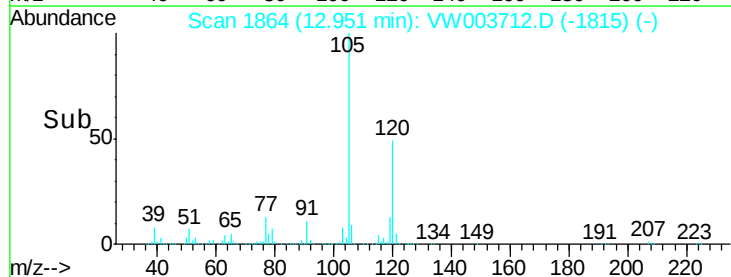
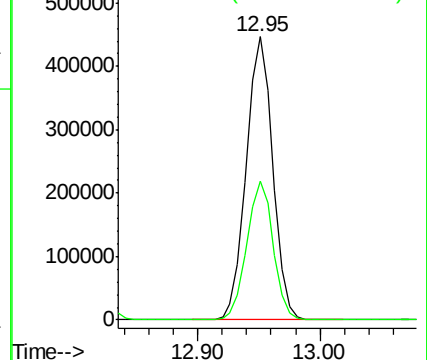
105 100

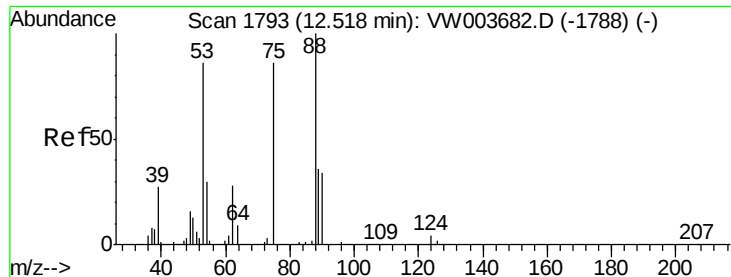
120 48.6 24.3 72.8



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: 52.756 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

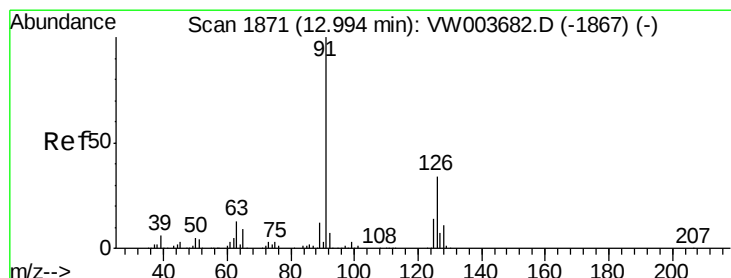
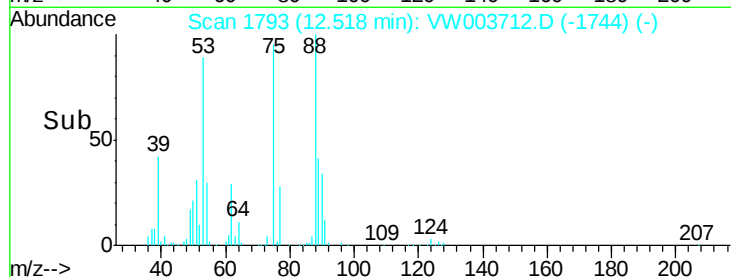
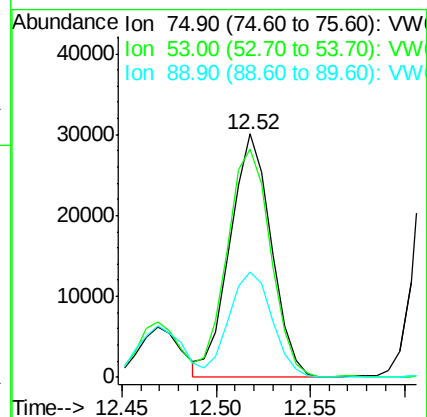
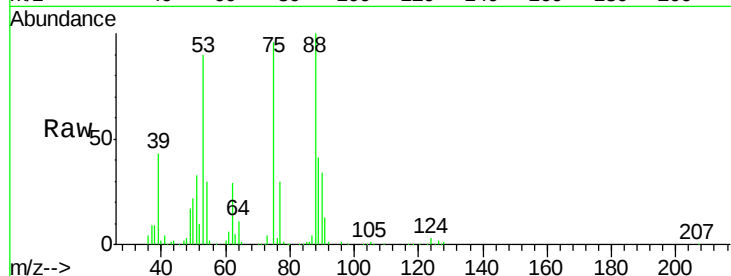
Tot Ion: 75 Resp: 45541

Ion Ratio Lower Upper

75 100

53 99.3 82.4 123.6

89 45.3 35.9 53.9



#82

4-Chlorotoluene

Concen: 55.440 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003712.D

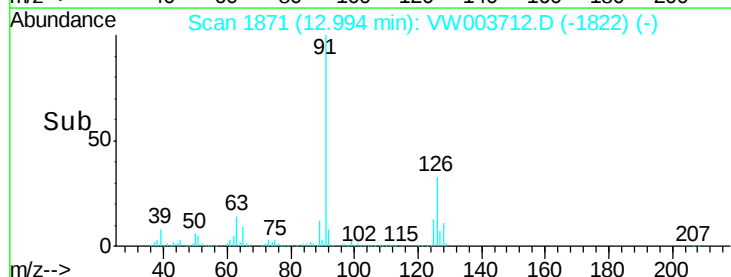
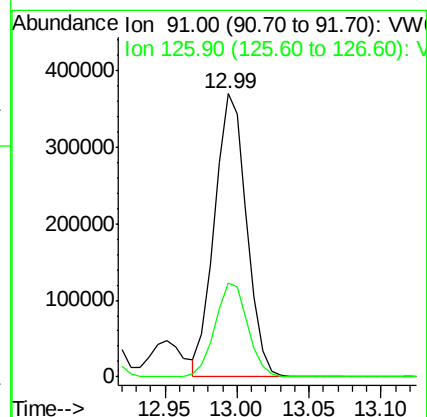
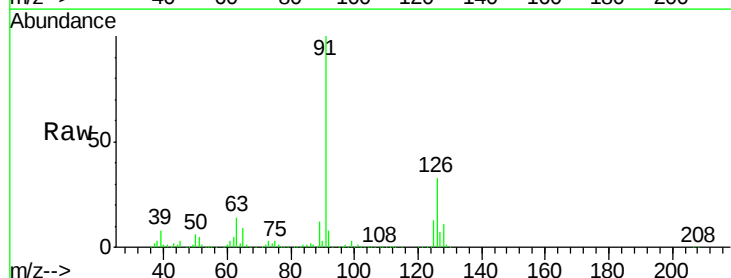
Acq: 05 Jul 2018 10:59

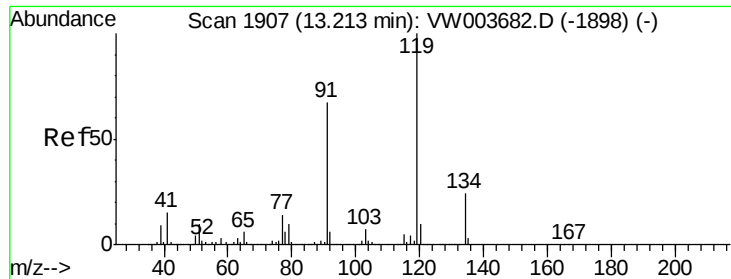
Tgt Ion: 91 Resp: 572504

Ion Ratio Lower Upper

91 100

126 33.9 17.0 50.9

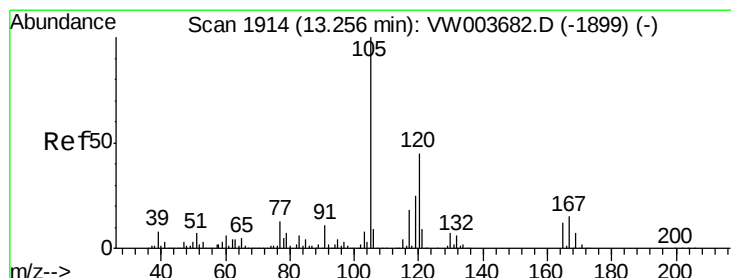
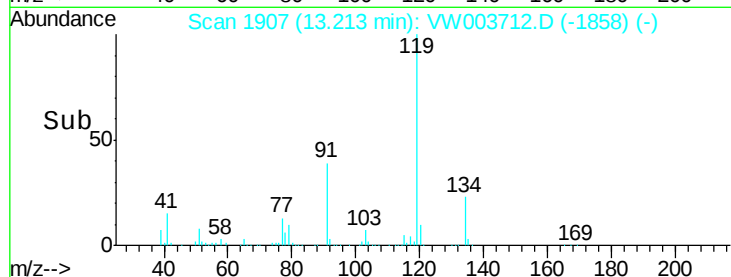
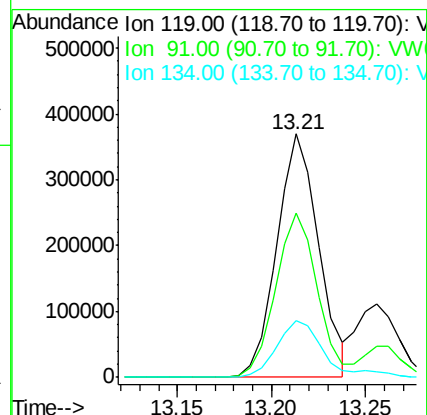
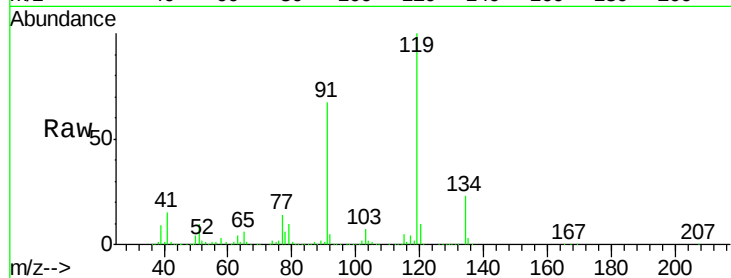




#83
tert-Butylbenzene
Concen: 57.527 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

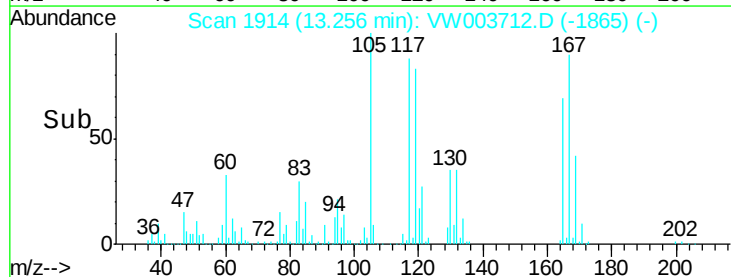
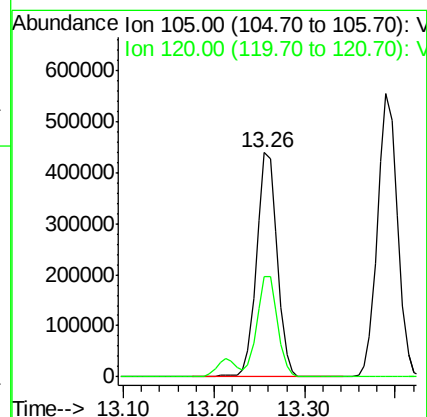
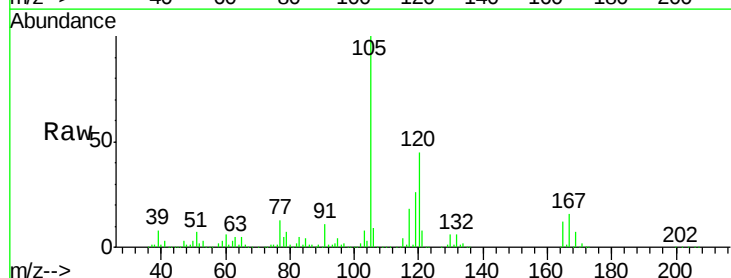
Instrument :
MSVOA_W
ClientSampled :

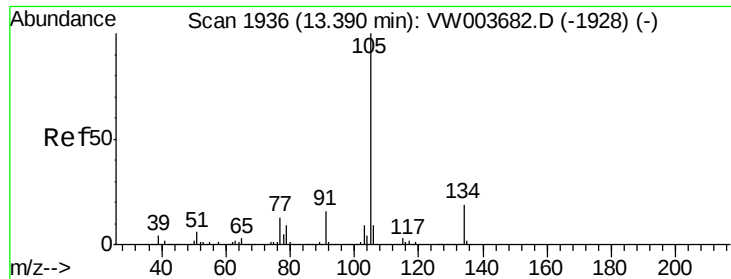
Tot Ion:119 Resp: 568064
Ion Ratio Lower Upper
119 100
91 68.1 33.8 101.3
134 26.3 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 57.187 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion:105 Resp: 689194
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3

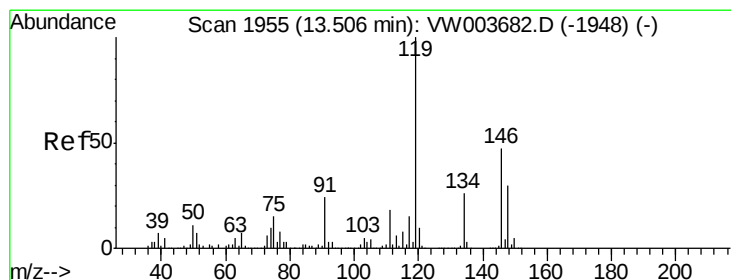
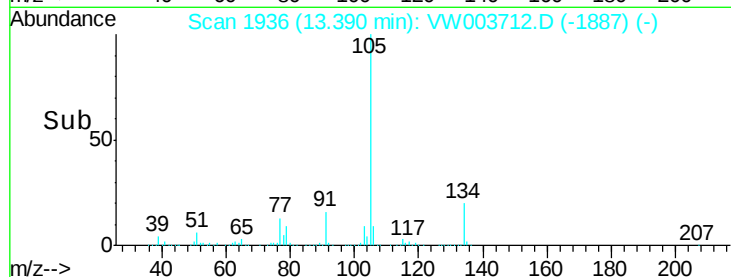
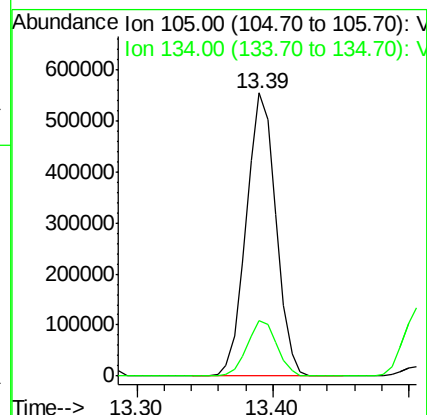
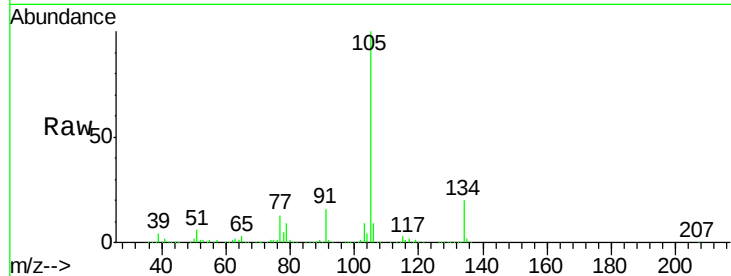




#85
 sec-Butylbenzene
 Concen: 57.527 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

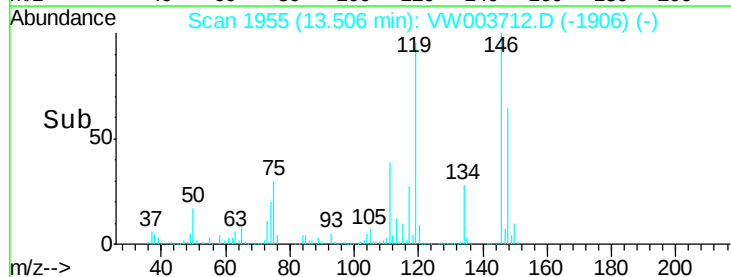
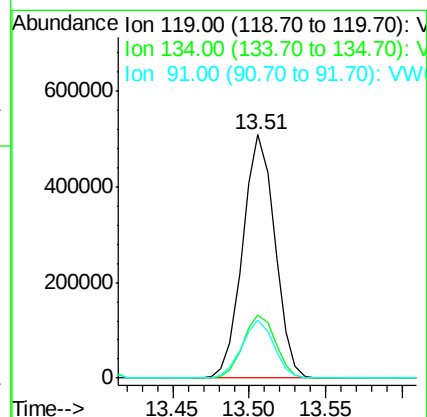
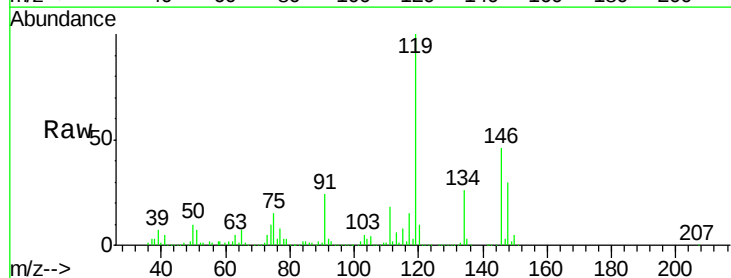
Instrument :
 MSVOA_W
 ClientSampleId :

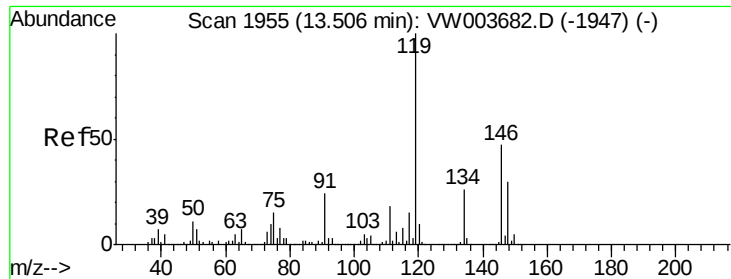
Tot Ion:105 Resp: 845295
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 58.006 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion:119 Resp: 745515
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 23.7 11.8 35.4

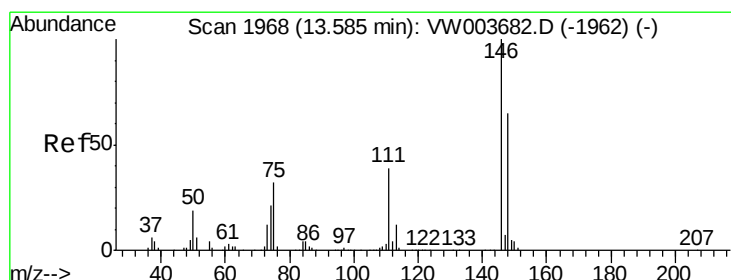
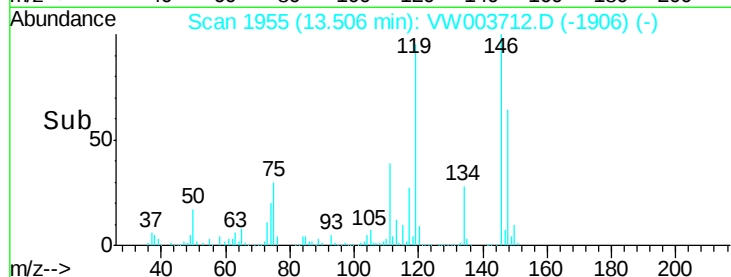
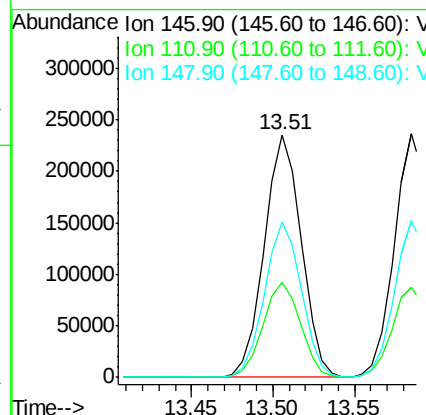
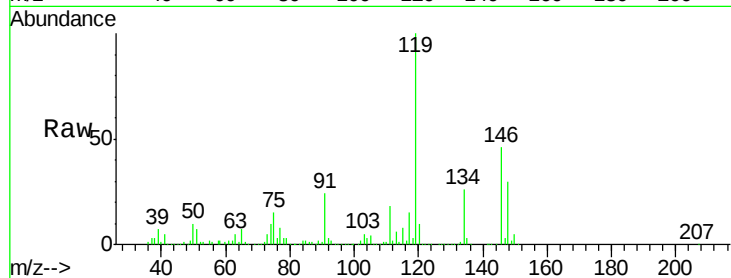




#87
 1,3-Dichlorobenzene
 Concen: 54.669 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

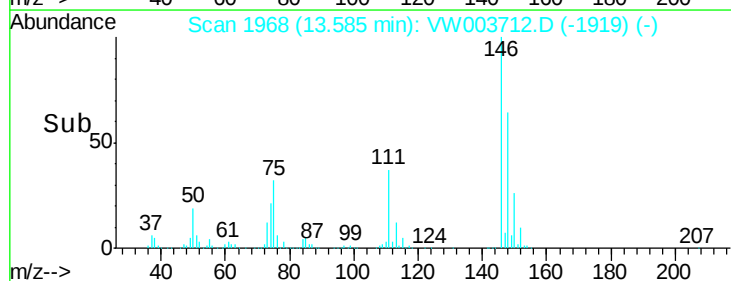
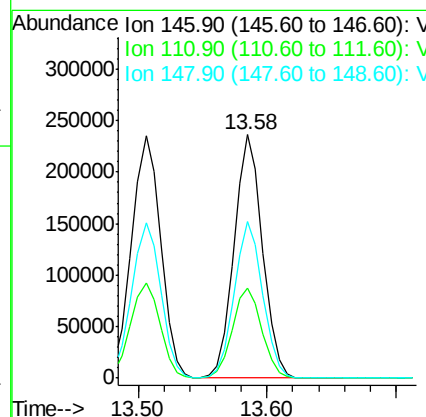
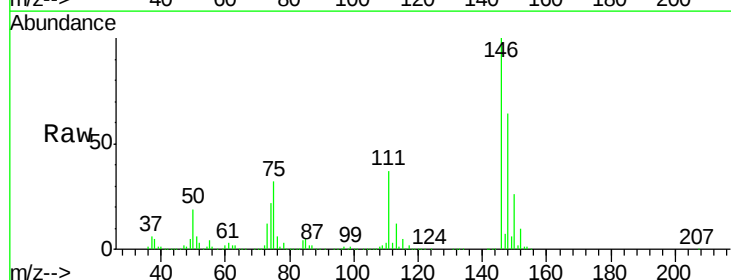
Instrument :
 MSVOA_W
 ClientSampleId :

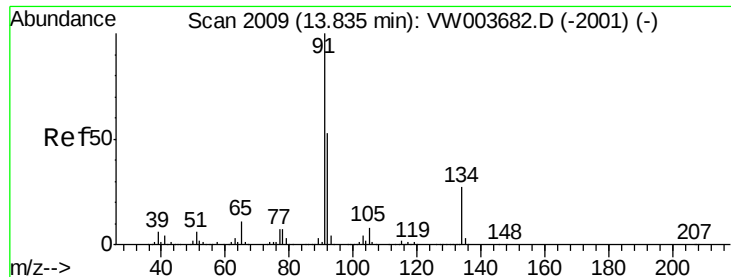
Tot Ion:146 Resp: 368476
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 53.966 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion:146 Resp: 363475
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 64.2 32.3 96.9

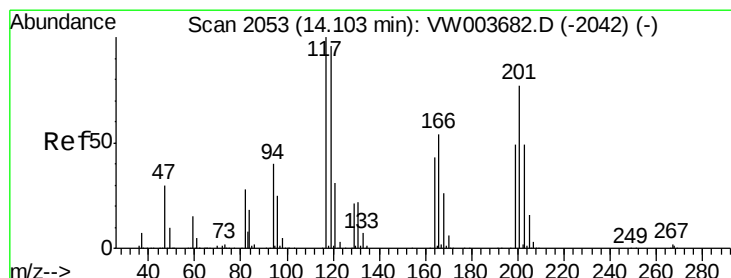
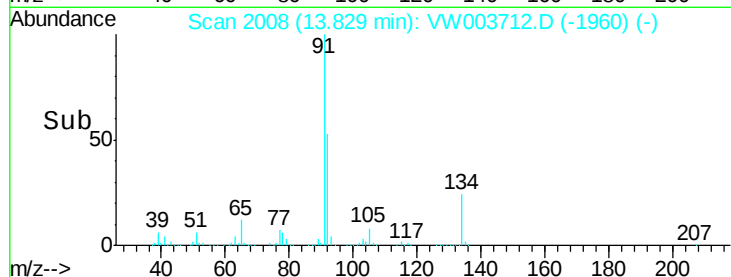
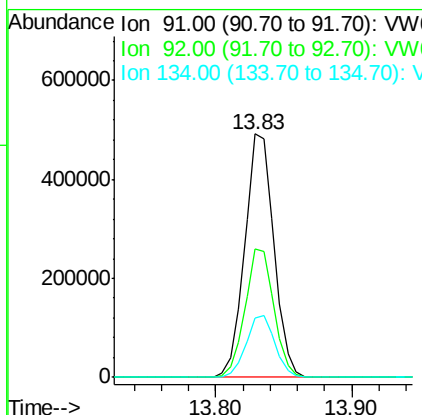
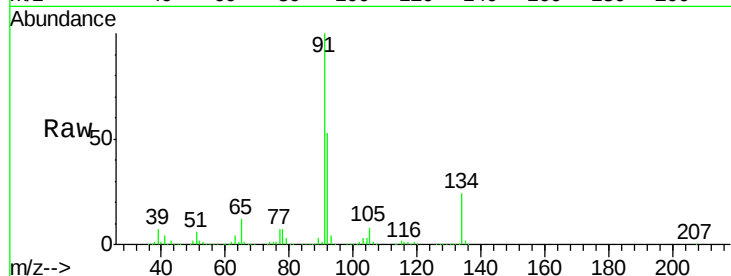




#89
n-Butylbenzene
Concen: 57.929 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

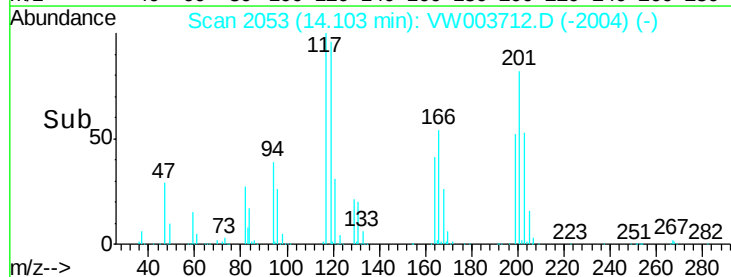
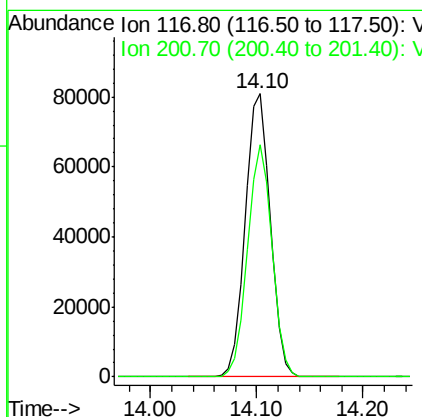
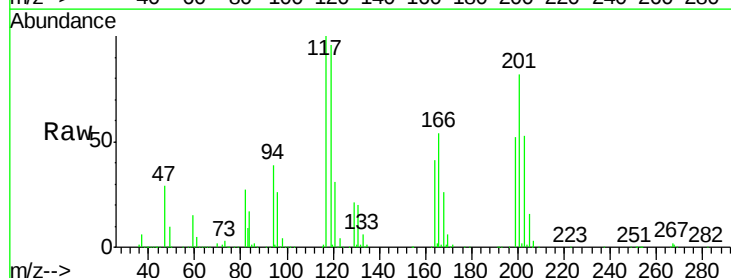
Instrument :
MSVOA_W
ClientSampled :

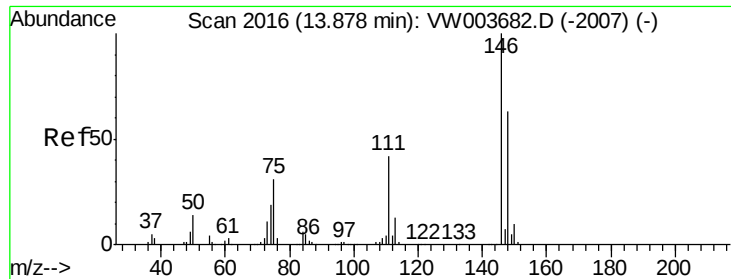
Tot Ion: 91 Resp: 736088
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 25.2 12.7 38.1



#90
Hexachloroethane
Concen: 56.252 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion: 117 Resp: 134314
Ion Ratio Lower Upper
117 100
201 80.1 39.1 117.2





#91

1,2-Dichlorobenzene

Concen: 53.379 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

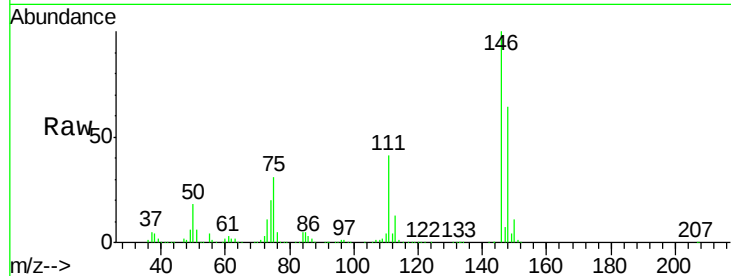
Tot Ion:146 Resp: 321691

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

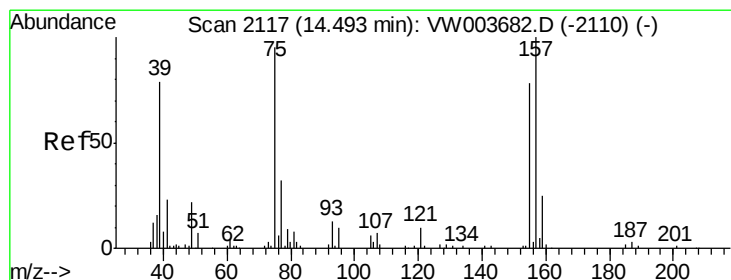
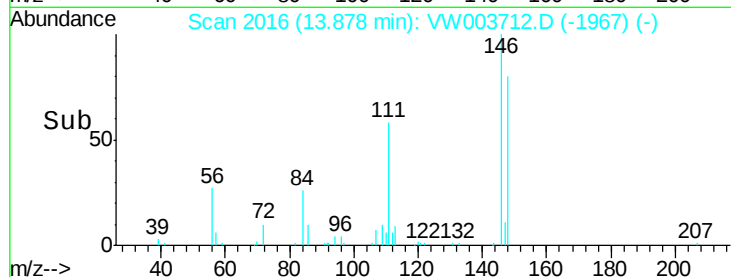
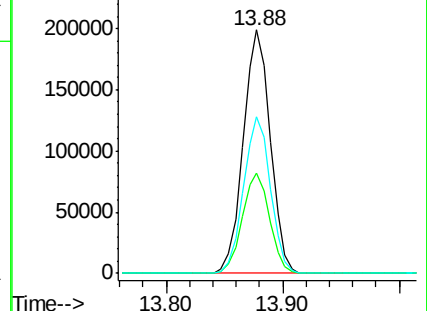
148 63.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.162 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003712.D

Acq: 05 Jul 2018 10:59

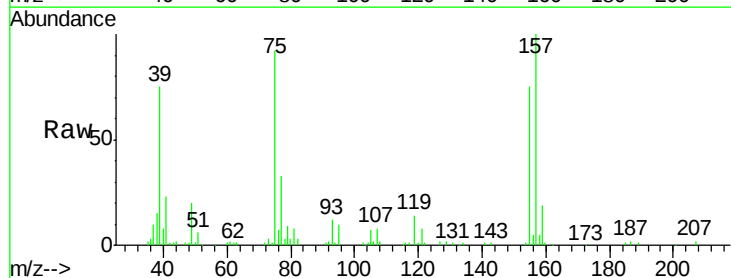
Tgt Ion: 75 Resp: 23185

Ion Ratio Lower Upper

75 100

155 78.5 40.2 120.6

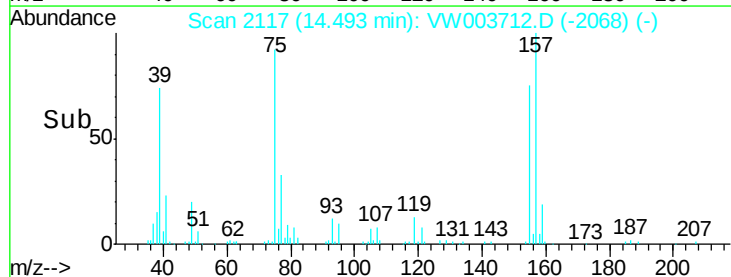
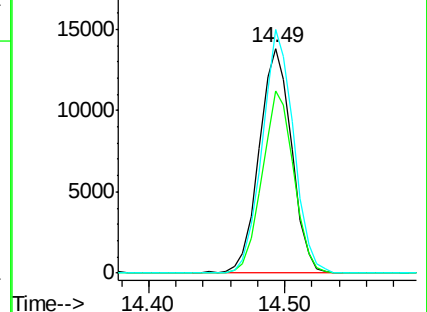
157 104.4 50.7 152.3

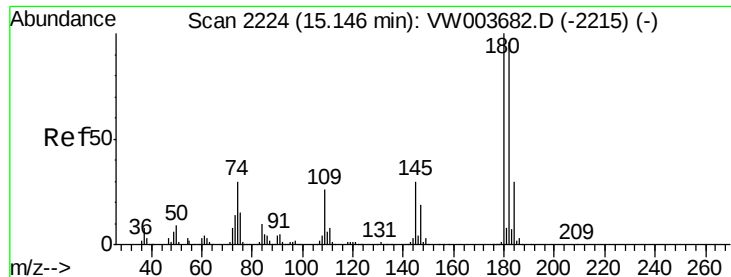


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

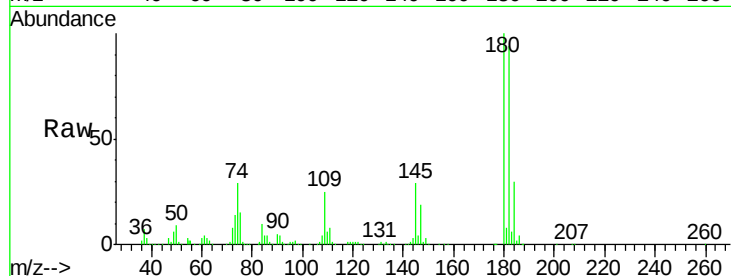




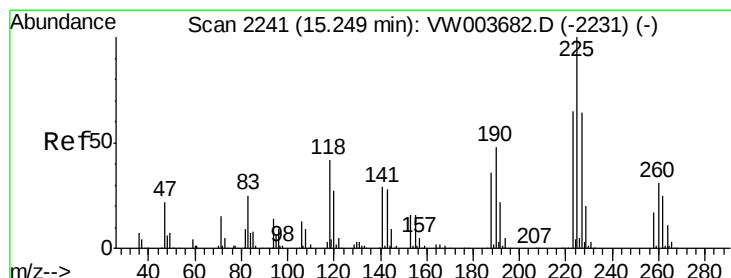
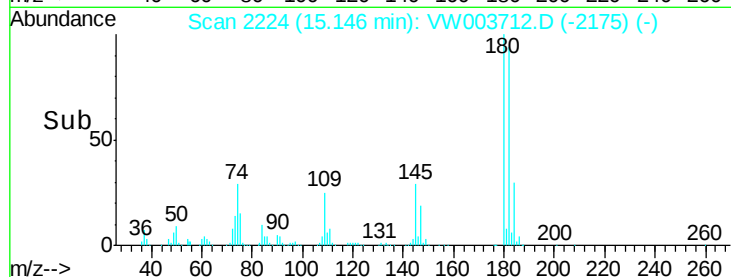
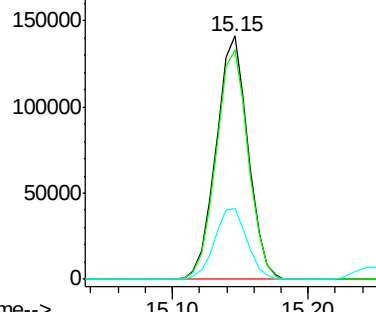
#93
 1,2,4-Trichlorobenzene
 Concen: 54.444 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.8
145	29.9	14.9	44.5

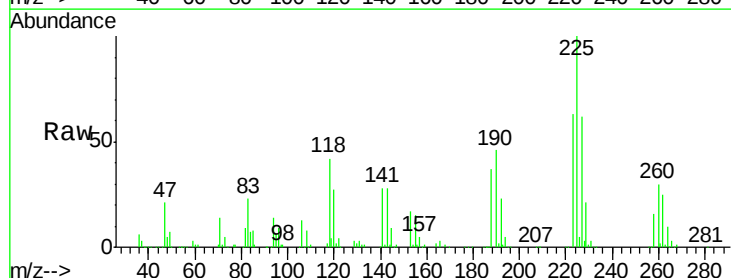


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

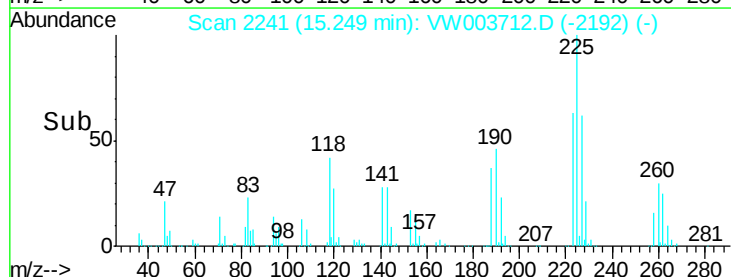
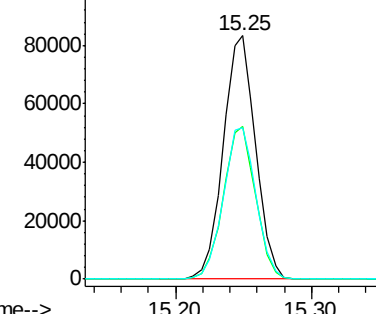


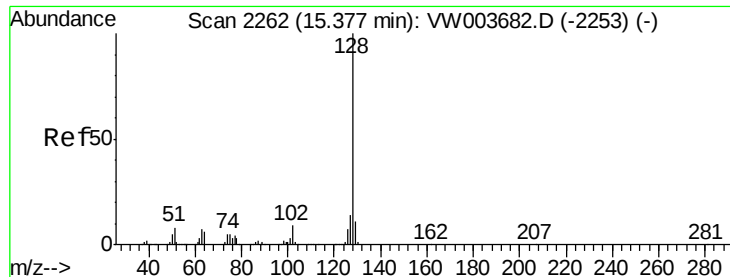
#94
 Hexachlorobutadiene
 Concen: 56.500 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003712.D
 Acq: 05 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.0	96.2
227	63.1	31.9	95.7



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

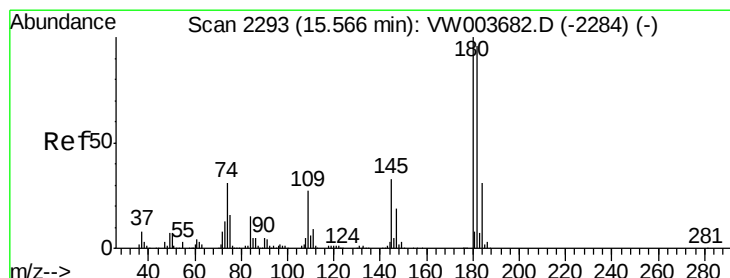
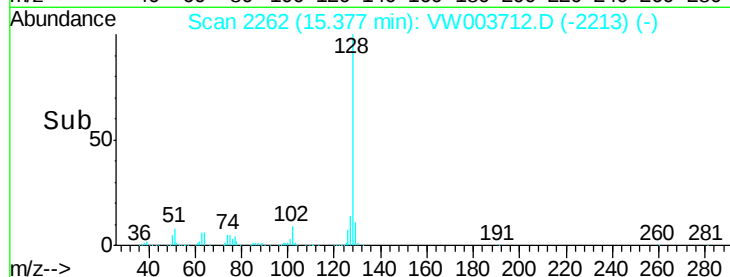
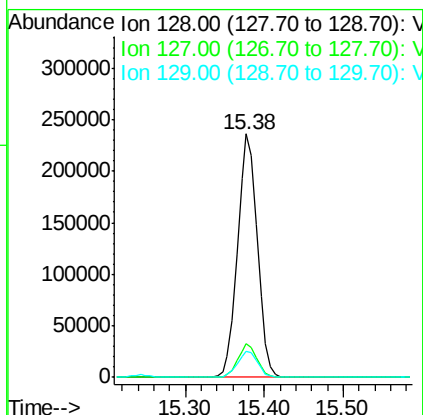
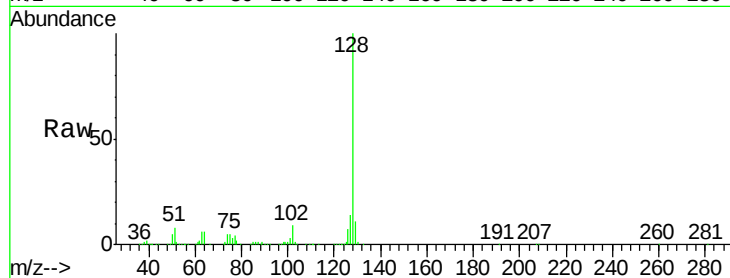




#95
Naphthalene
Concen: 53.211 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 410086
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.531 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003712.D
Acq: 05 Jul 2018 10:59

Tgt Ion:180 Resp: 202627
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 31.9 15.9 47.7

