

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003714.D
 Acq On : 05 Jul 2018 12:15
 Operator : SY/AP
 Sample : VW0705SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:34:02 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	257196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	145401	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.88	113	128338	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	509971	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.62	95	183132	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	22382	19.370	ug/l	94
3) Chloromethane	2.21	50	36254	17.696	ug/l	98
4) Vinyl Chloride	2.36	62	48819	17.465	ug/l	94
5) Bromomethane	2.78	94	32599	17.787	ug/l	96
6) Chloroethane	2.92	64	30731	18.271	ug/l	97
7) Trichlorofluoromethane	3.25	101	25567	17.200	ug/l	91
8) Diethyl Ether	3.67	74	25874	18.812	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	47824	19.360	ug/l	99
10) Methyl Iodide	4.26	142	66809	18.418	ug/l	99
11) Tert butyl alcohol	5.22	59	15429	80.413	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	45985	18.678	ug/l	98
13) Acrolein	3.89	56	9782	105.069	ug/l	87
14) Allyl chloride	4.65	41	78339	18.604	ug/l	100
15) Acrylonitrile	5.37	53	56436	88.472	ug/l	99
16) Acetone	4.14	43	65955	90.109	ug/l	99
17) Carbon Disulfide	4.37	76	125736	17.012	ug/l	99
18) Methyl Acetate	4.67	43	29339	18.908	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	88061	18.311	ug/l	97
20) Methylene Chloride	4.90	84	61577	19.955	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	49126	18.219	ug/l	98
22) Diisopropyl ether	6.31	45	162592	18.834	ug/l	98
23) Vinyl Acetate	6.26	43	472790	90.156	ug/l	100
24) 1,1-Dichloroethane	6.21	63	97449	18.928	ug/l	98
25) 2-Butanone	7.18	43	83472	89.063	ug/l	95
26) 2,2-Dichloropropane	7.17	77	61001	19.324	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	56073	19.096	ug/l	98
28) Bromochloromethane	7.51	49	45534	20.121	ug/l	99
29) Tetrahydrofuran	7.54	42	48082	85.583	ug/l	99
30) Chloroform	7.68	83	100051	19.219	ug/l	96
31) Cyclohexane	7.95	56	84774	18.085	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	79696	19.666	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77205	19.276	ug/l	98
37) Ethyl Acetate	7.26	43	34354	17.622	ug/l	99
38) Carbon Tetrachloride	8.07	117	75004	19.686	ug/l	97

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 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)
39) Methylcyclohexane	9.34	83	83565	18.118	ug/l	99
40) Benzene	8.32	78	217485	19.320	ug/l	100
41) Methacrylonitrile	7.49	41	19554	17.646	ug/l	97
42) 1,2-Dichloroethane	8.40	62	67565	19.061	ug/l	100
43) Isopropyl Acetate	8.43	43	64676	17.614	ug/l	99
44) Trichloroethene	9.09	130	56427	19.390	ug/l	97
45) 1,2-Dichloropropane	9.37	63	56518	19.354	ug/l	96
46) Dibromomethane	9.46	93	28294	18.656	ug/l	98
47) Bromodichloromethane	9.65	83	72383	19.307	ug/l	100
48) Methyl methacrylate	9.44	41	31364	18.441	ug/l	100
49) 1,4-Dioxane	9.48	88	8260	347.193	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	174254	90.063	ug/l	99
52) Toluene	10.39	92	136887	19.486	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	74485	19.151	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	83442	18.923	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40463	18.938	ug/l	97
56) Ethyl methacrylate	10.65	69	47633	18.168	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71181	19.177	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112889	98.846	ug/l	99
59) 2-Hexanone	10.98	43	128676	93.037	ug/l	96
60) Dibromochloromethane	11.13	129	48314	19.343	ug/l	97
61) 1,2-Dibromoethane	11.24	107	38994	19.054	ug/l	99
64) Tetrachloroethene	10.87	164	48231	19.368	ug/l	95
65) Chlorobenzene	11.66	112	152489	19.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54048	19.965	ug/l	99
67) Ethyl Benzene	11.74	91	262759	19.360	ug/l	100
68) m/p-Xylenes	11.84	106	204924	39.705	ug/l	100
69) o-Xylene	12.17	106	92014	19.285	ug/l	99
70) Styrene	12.19	104	156098	19.479	ug/l	98
71) Bromoform	12.35	173	28492	18.942	ug/l #	100
73) Isopropylbenzene	12.47	105	261702	19.345	ug/l	100
74) N-amyl acetate	12.28	43	62631	17.533	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	49564	18.731	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	65199	36.461	ug/l #	100
77) Bromobenzene	12.76	156	62760	19.330	ug/l	99
78) n-propylbenzene	12.81	91	328962	19.684	ug/l	100
79) 2-Chlorotoluene	12.90	91	183201	19.264	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	226414	19.784	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14982	17.753	ug/l	98
82) 4-Chlorotoluene	12.99	91	197368	19.550	ug/l	100
83) tert-Butylbenzene	13.21	119	187910	19.465	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	233702	19.836	ug/l	100
85) sec-Butylbenzene	13.39	105	280486	19.526	ug/l	100
86) p-Isopropyltoluene	13.51	119	246223	19.596	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	128941	19.568	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129194	19.621	ug/l	98
89) n-Butylbenzene	13.83	91	241580	19.447	ug/l	99
90) Hexachloroethane	14.10	117	45854	19.643	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	116522	19.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7922	17.183	ug/l	98

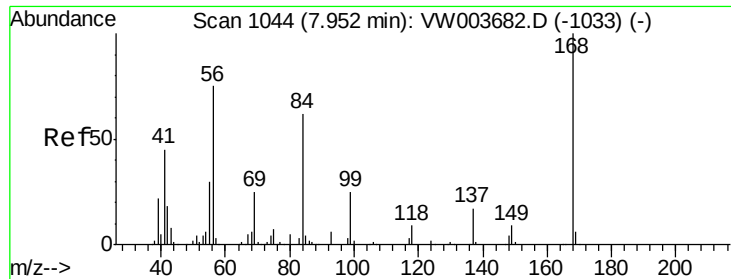
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80204	19.306	ug/l	100
94) Hexachlorobutadiene	15.25	225	47190	19.668	ug/l	99
95) Naphthalene	15.38	128	135186	17.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70725	19.112	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

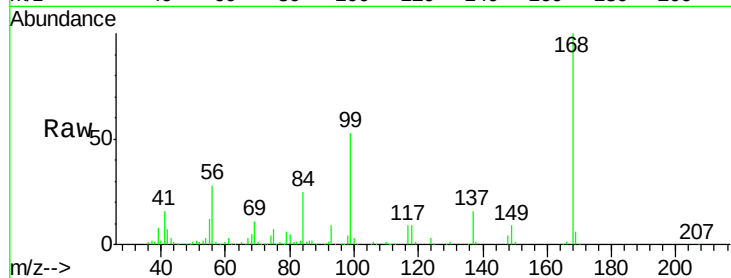
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 257196

Ion Ratio Lower Upper

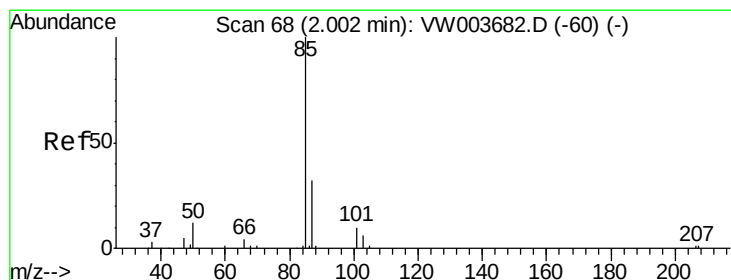
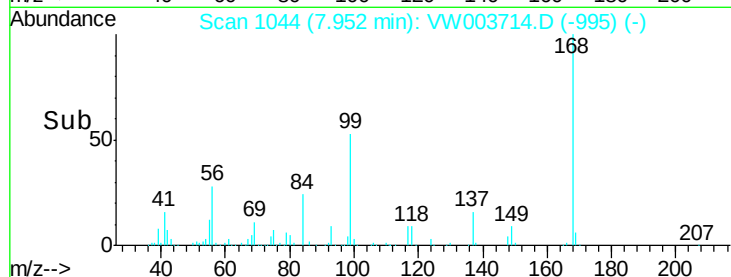
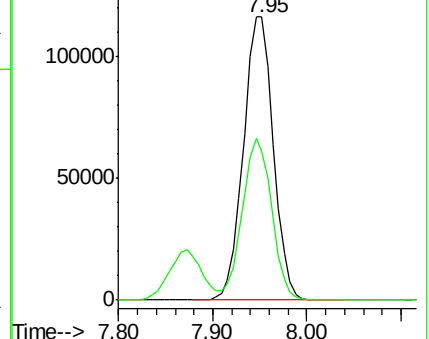
168 100

99 52.7 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.370 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003714.D

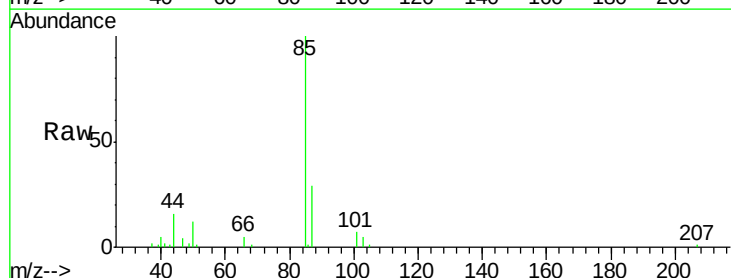
Acq: 05 Jul 2018 12:15

Tgt Ion: 85 Resp: 22382

Ion Ratio Lower Upper

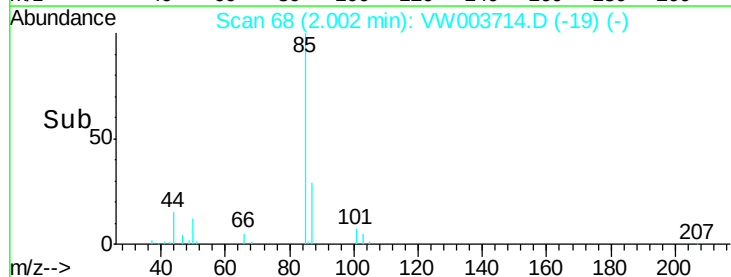
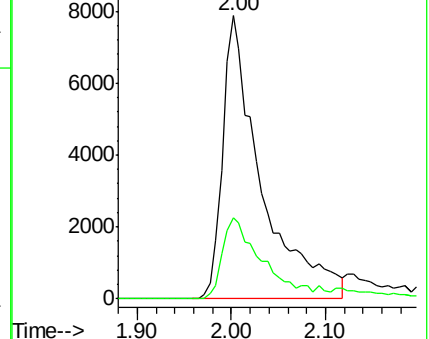
85 100

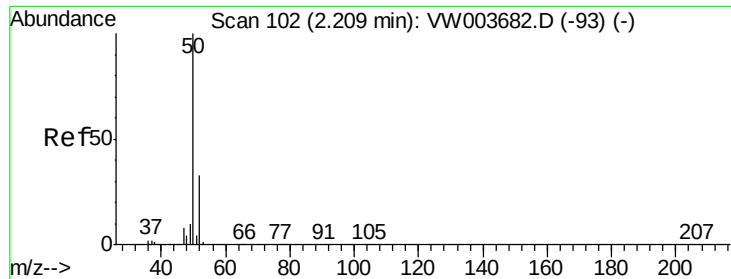
87 28.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

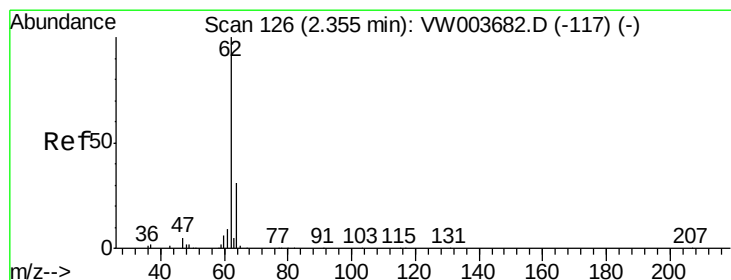
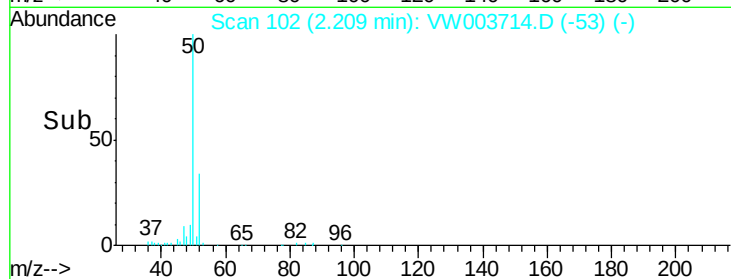
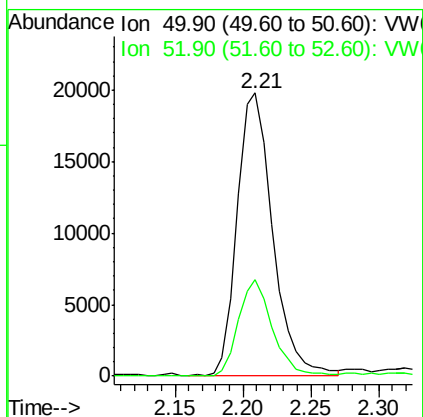
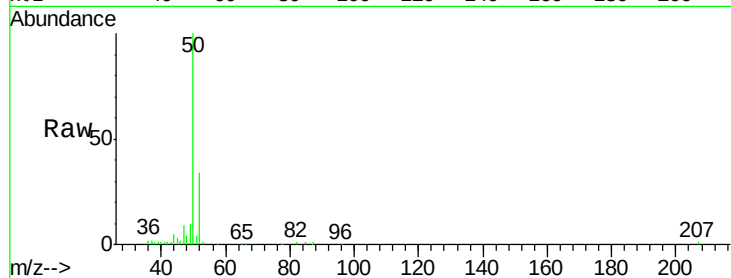




#3
Chloromethane
Concen: 17.696 ug/l
RT: 2.21 min Scan# 102
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

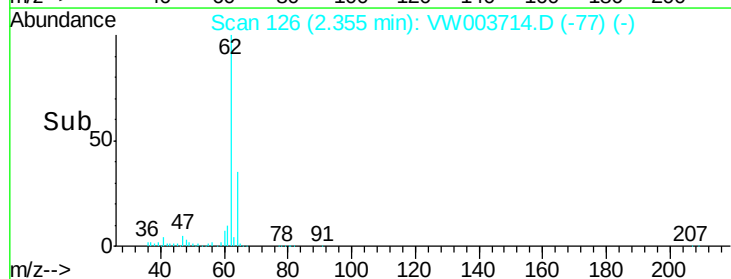
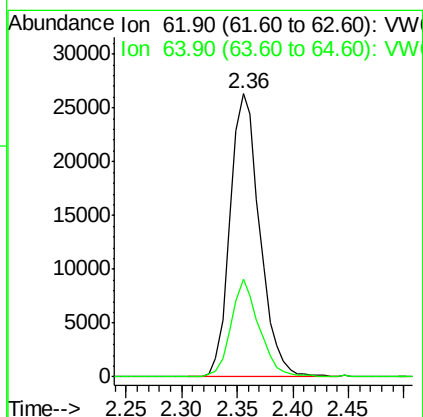
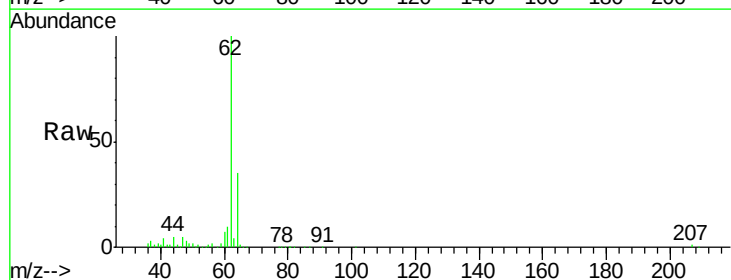
Instrument :
MSVOA_W
ClientSampled :

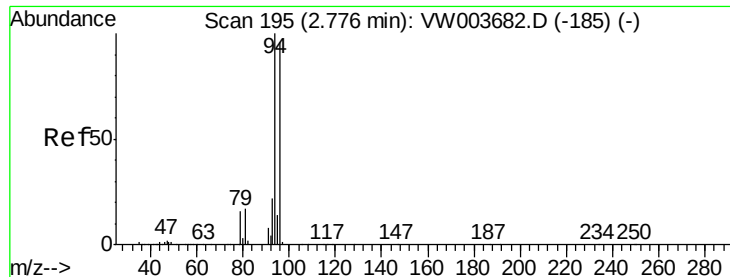
Tot Ion: 50 Resp: 36254
Ion Ratio Lower Upper
50 100
52 34.0 26.1 39.1



#4
Vinyl Chloride
Concen: 17.465 ug/l
RT: 2.36 min Scan# 126
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 62 Resp: 48819
Ion Ratio Lower Upper
62 100
64 34.7 25.1 37.7





#5

Bromomethane

Concen: 17.787 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

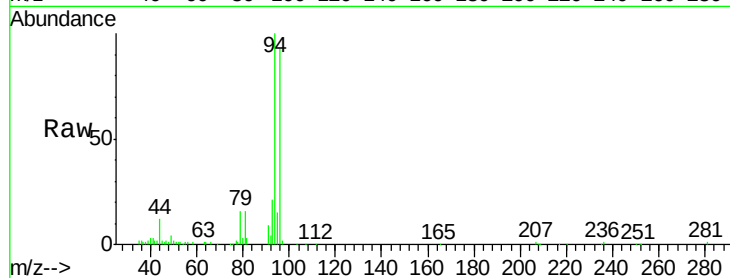
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 32599

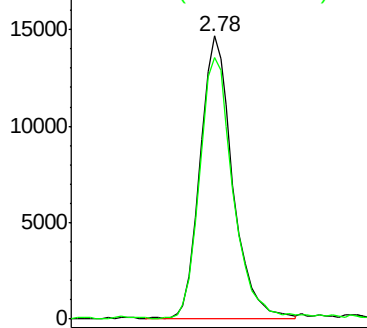
Ion Ratio Lower Upper

94 100

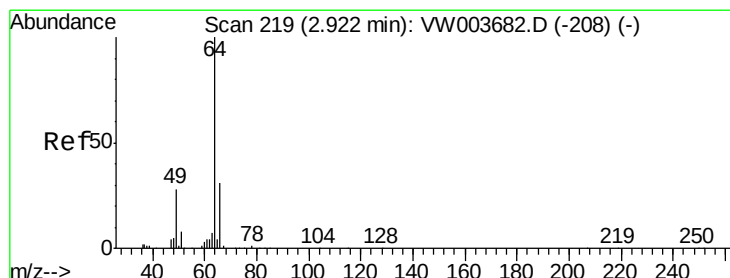
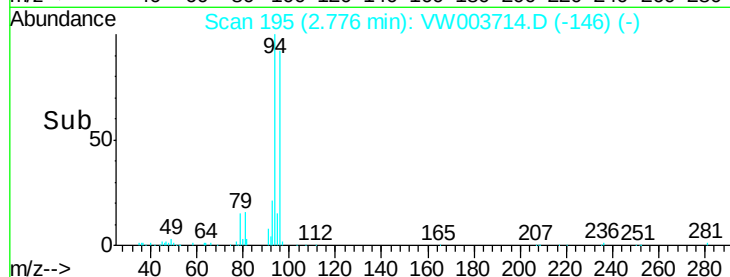
96 92.1 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VW
Ion 95.90 (95.60 to 96.60): VW



Time-->



#6

Chloroethane

Concen: 18.271 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003714.D

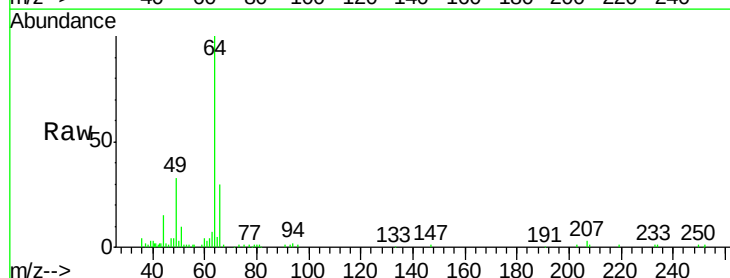
Acq: 05 Jul 2018 12:15

Tgt Ion: 64 Resp: 30731

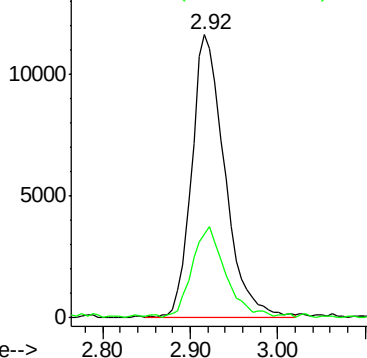
Ion Ratio Lower Upper

64 100

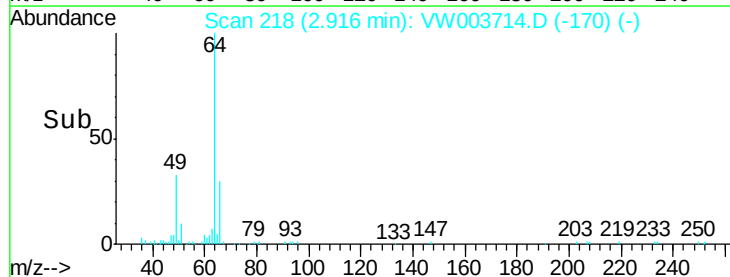
66 29.5 25.0 37.6

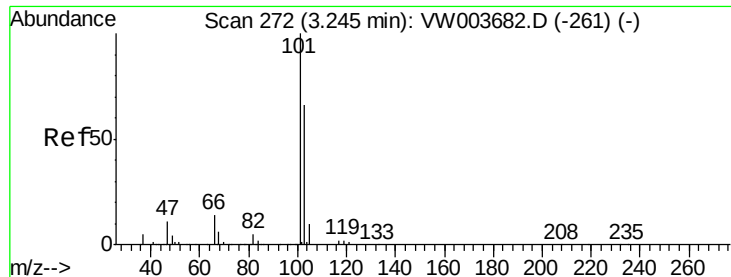


Abundance Ion 63.90 (63.60 to 64.60): VW
Ion 65.90 (65.60 to 66.60): VW



Time-->



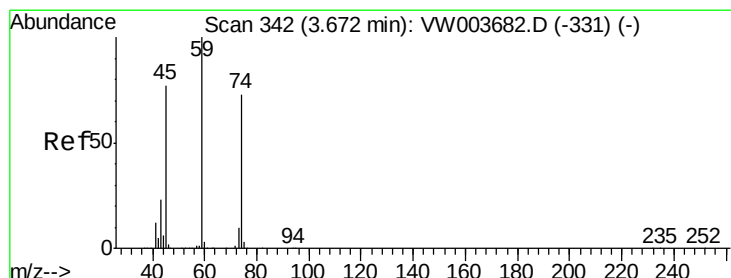
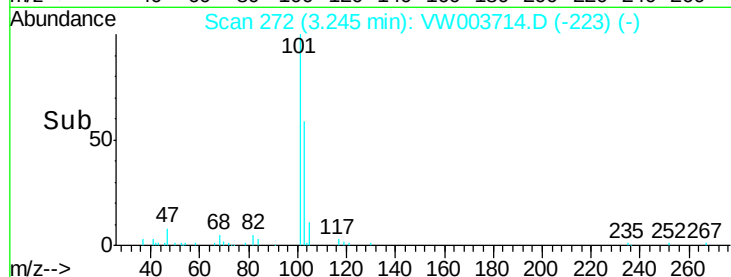
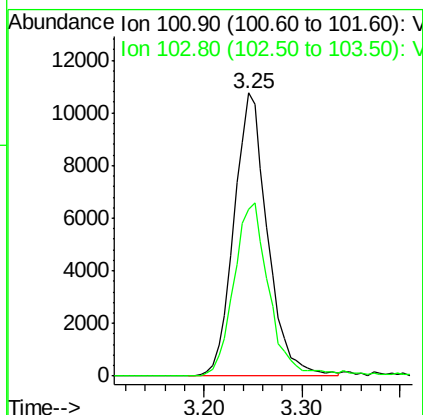
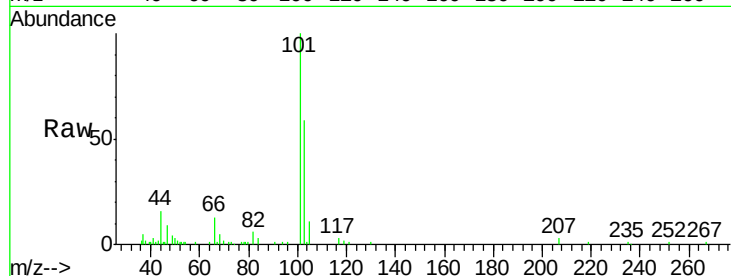


#7

Trichlorofluoromethane
Concen: 17.200 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :

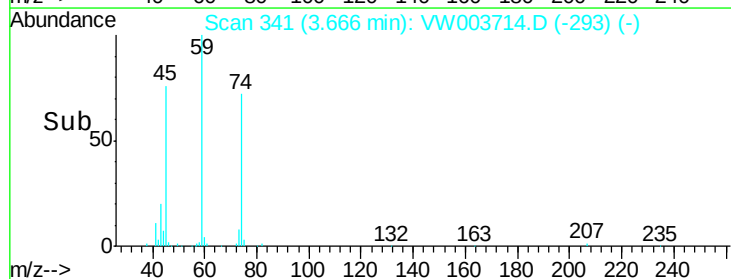
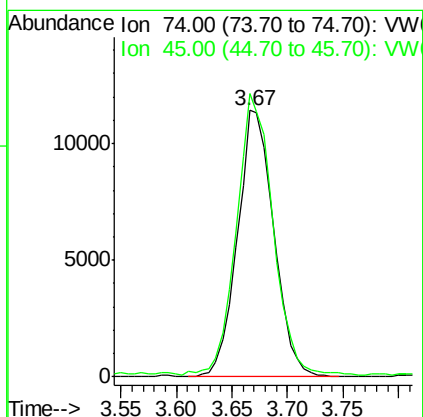
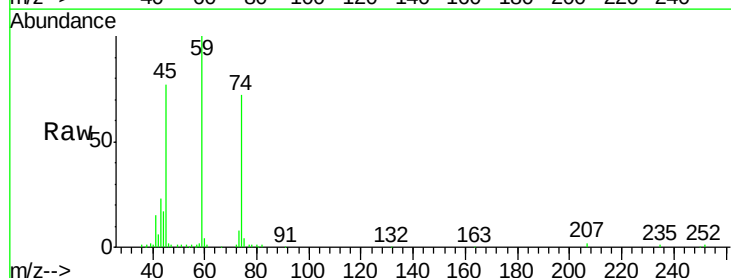
Tot Ion:101 Resp: 25567
Ion Ratio Lower Upper
101 100
103 59.1 52.9 79.3

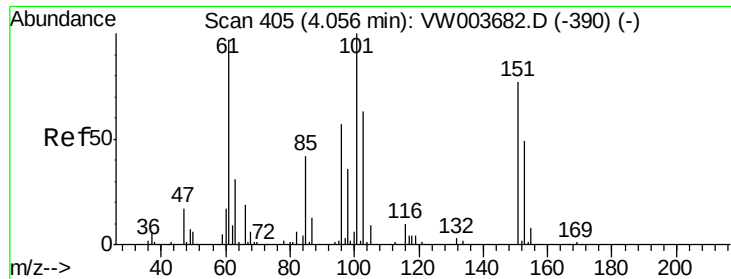


#8

Diethyl Ether
Concen: 18.812 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 74 Resp: 25874
Ion Ratio Lower Upper
74 100
45 106.3 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.360 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

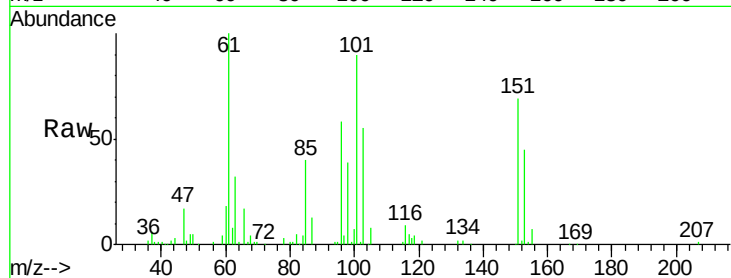
Tot Ion:101 Resp: 47824

Ion Ratio Lower Upper

101 100

85 45.3 36.6 55.0

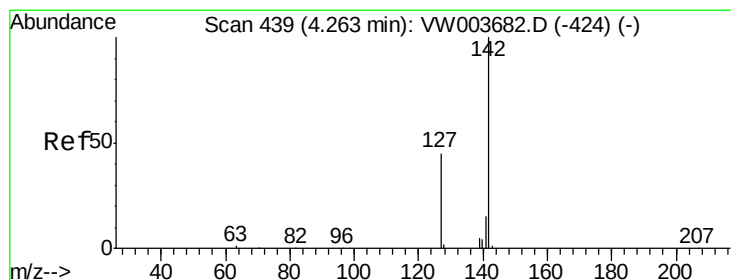
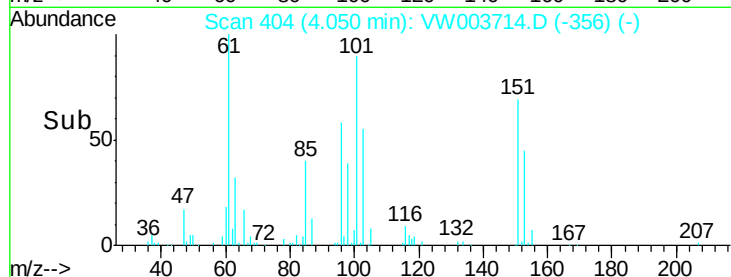
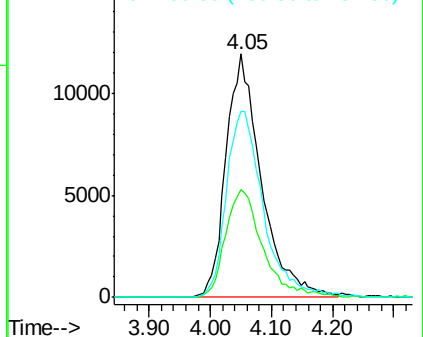
151 79.6 62.4 93.6



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: 18.418 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

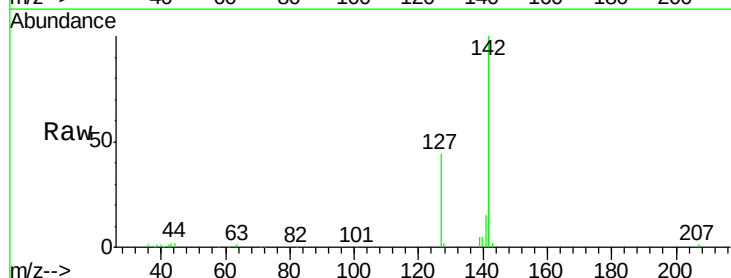
Tgt Ion:142 Resp: 66809

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

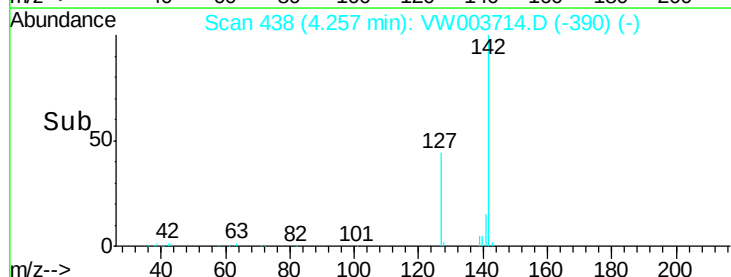
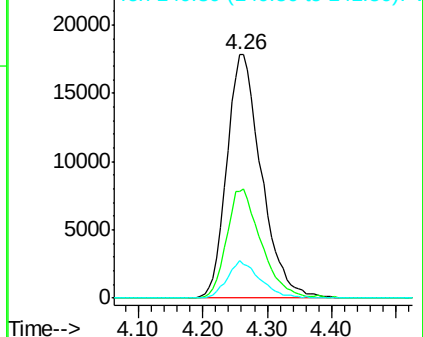
141 14.6 11.9 17.9

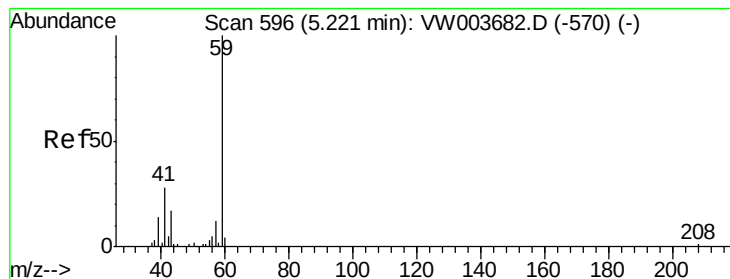


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 80.413 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

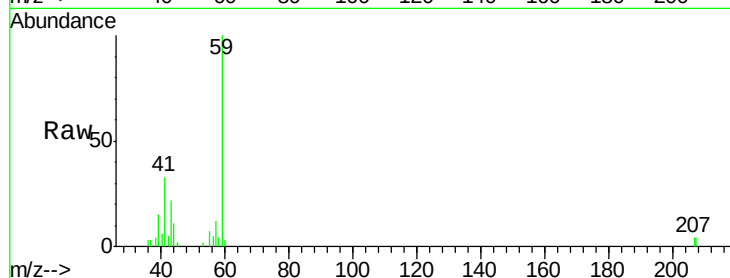
ClientSampleId :

Tot Ion: 59 Resp: 15429

Ion Ratio Lower Upper

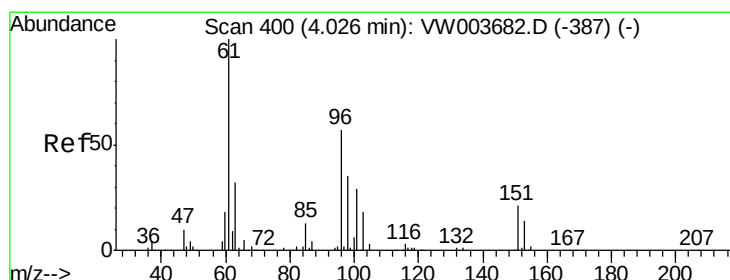
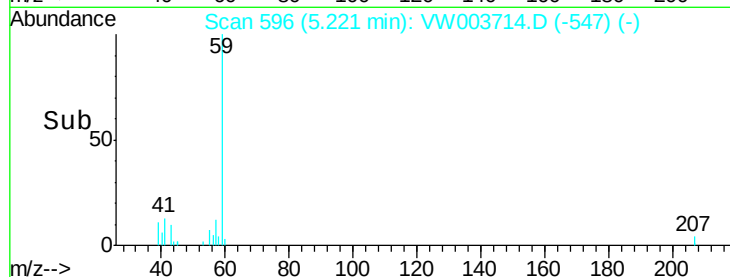
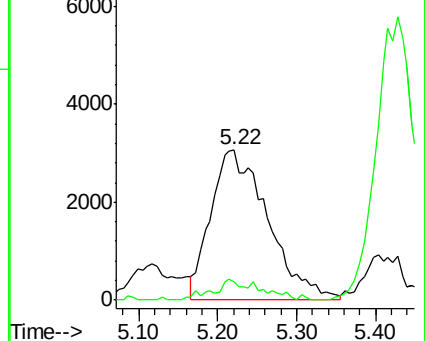
59 100

57 7.4 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 18.678 ug/l

RT: 4.03 min Scan# 400

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

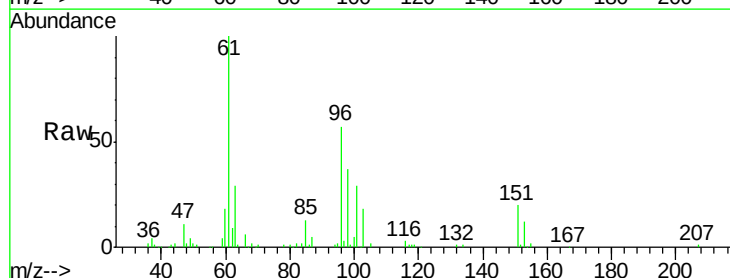
Tgt Ion: 96 Resp: 45985

Ion Ratio Lower Upper

96 100

61 173.5 140.6 211.0

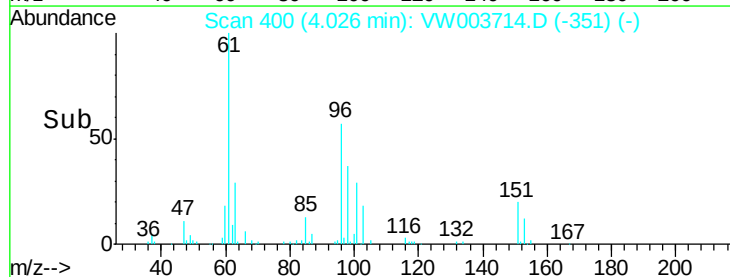
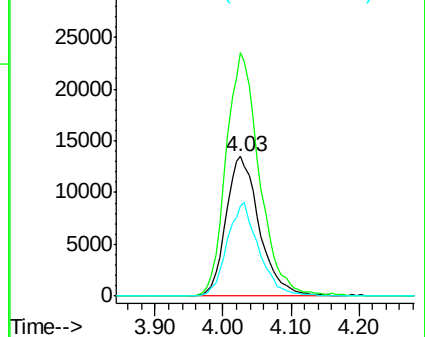
98 64.6 49.4 74.0

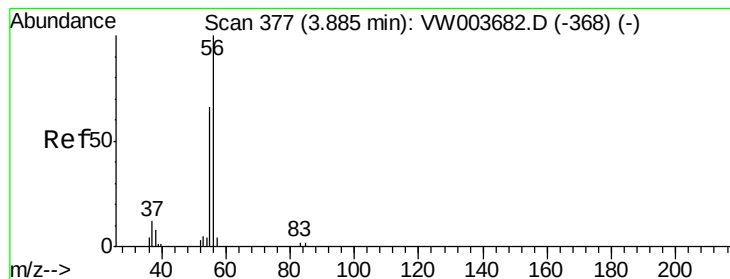


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 105.069 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

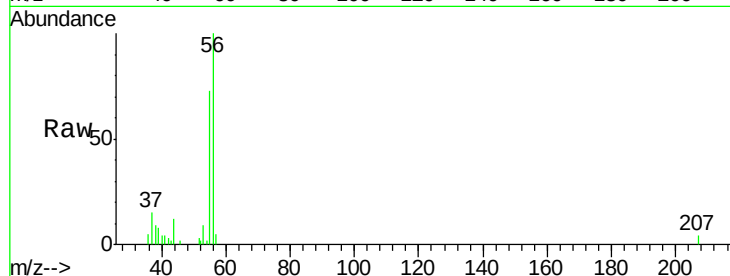
ClientSampleId :

Tot Ion: 56 Resp: 9782

Ion Ratio Lower Upper

56 100

55 78.5 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

4000

3000

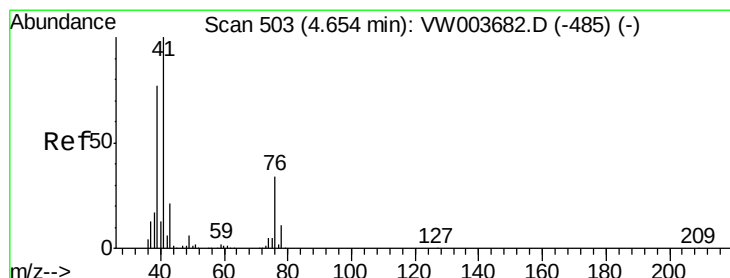
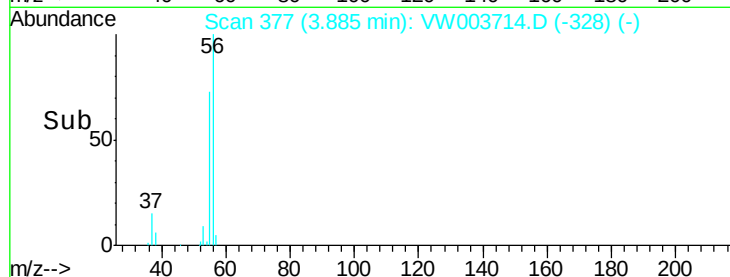
2000

1000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 18.604 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

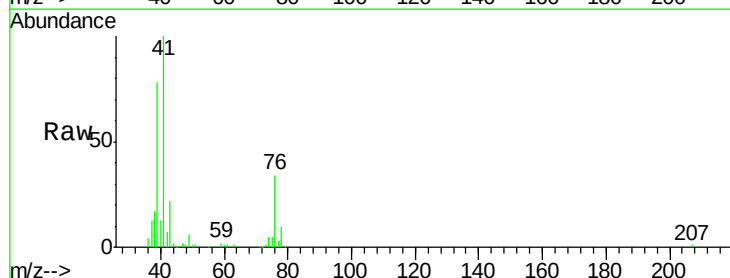
Tgt Ion: 41 Resp: 78339

Ion Ratio Lower Upper

41 100

39 75.2 60.1 90.1

76 34.0 27.2 40.8



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.65

30000

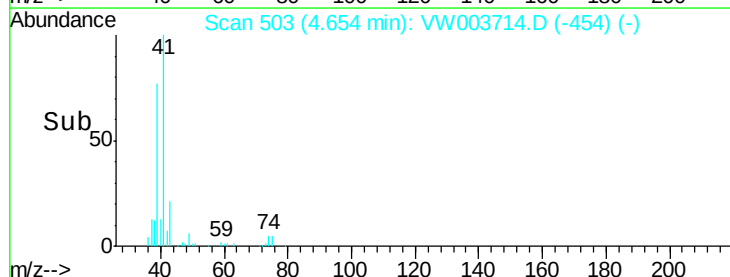
20000

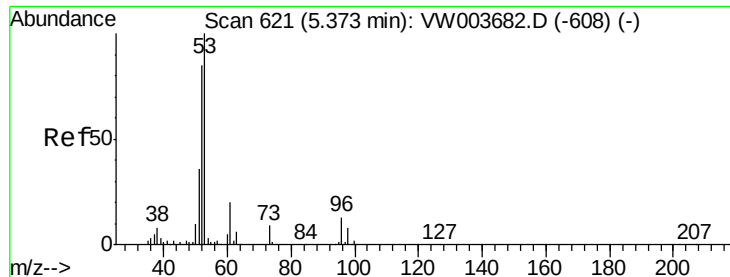
10000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 88.472 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

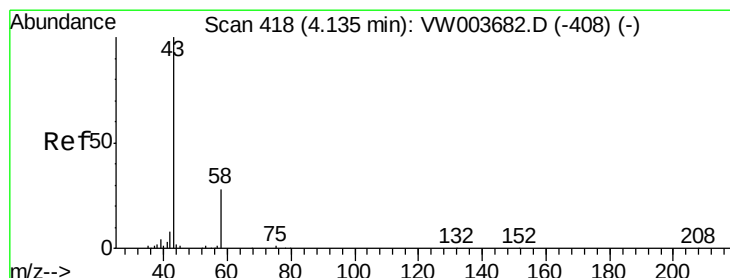
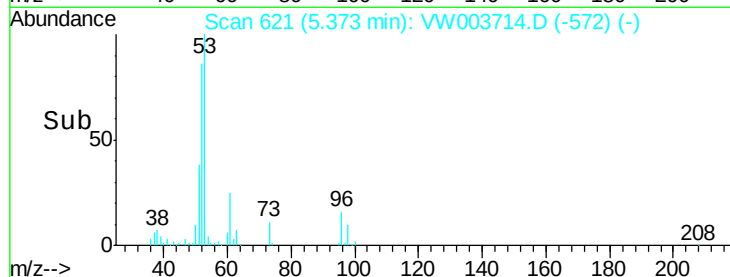
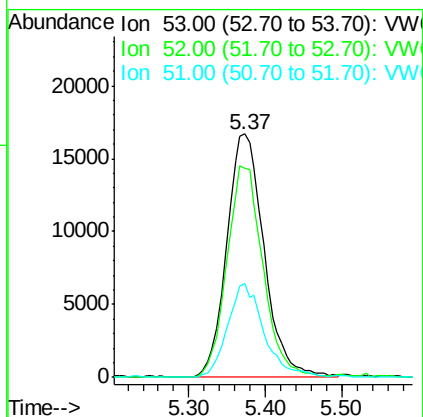
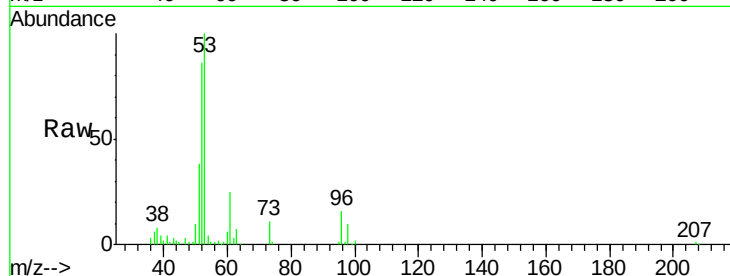
Tot Ion: 53 Resp: 56436

Ion Ratio Lower Upper

53 100

52 84.0 66.8 100.2

51 37.5 30.2 45.4



#16

Acetone

Concen: 90.109 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003714.D

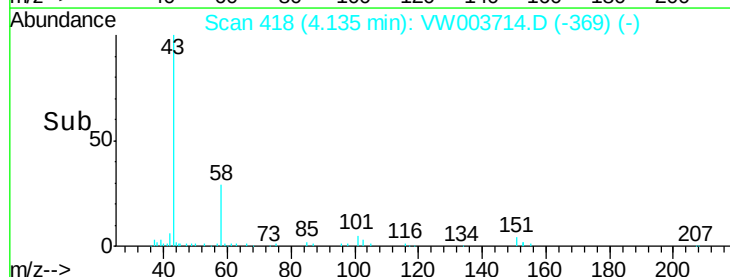
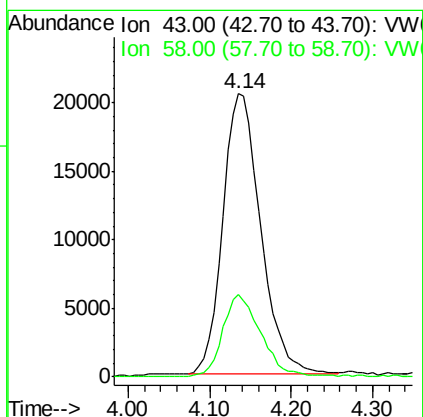
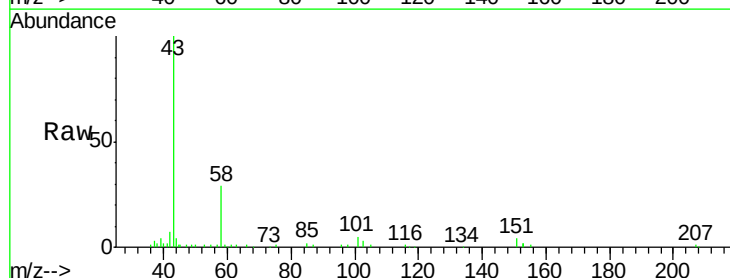
Acq: 05 Jul 2018 12:15

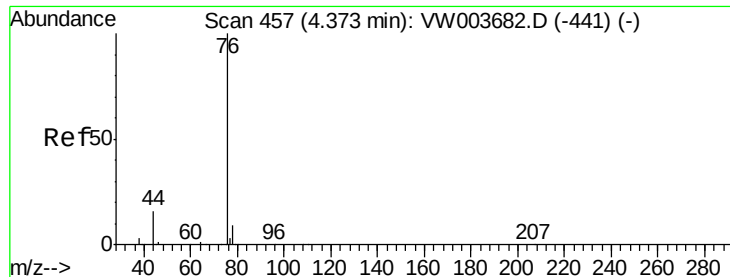
Tgt Ion: 43 Resp: 65955

Ion Ratio Lower Upper

43 100

58 29.0 22.7 34.1





#17

Carbon Disulfide

Concen: 17.012 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

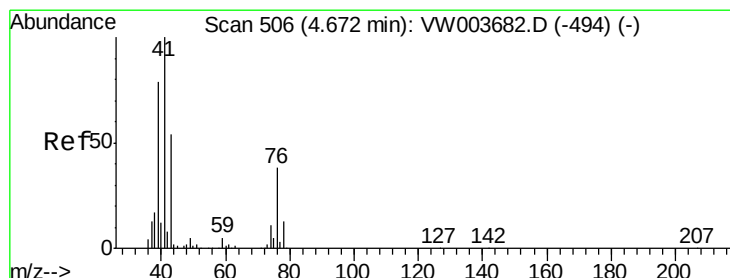
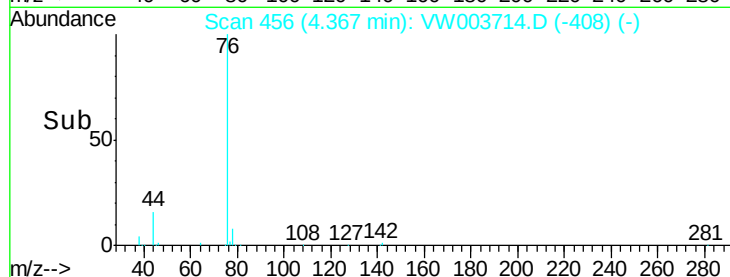
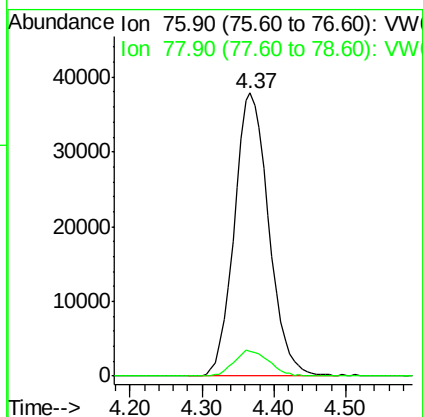
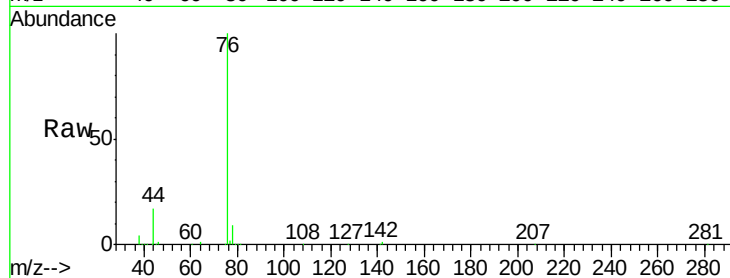
ClientSampleId :

Tot Ion: 76 Resp: 125736

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 18.908 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003714.D

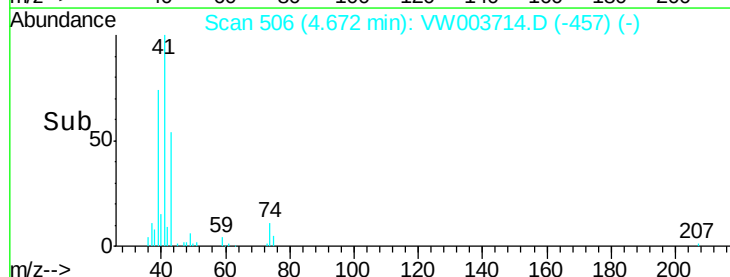
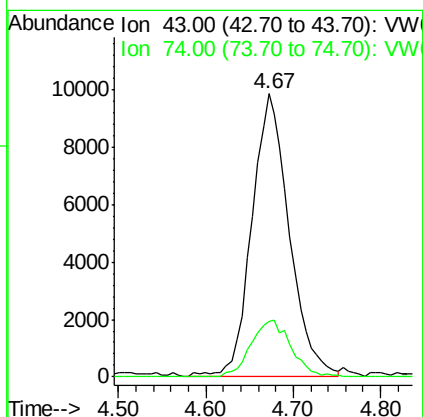
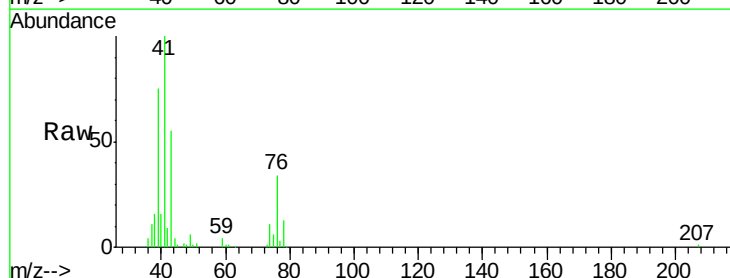
Acq: 05 Jul 2018 12:15

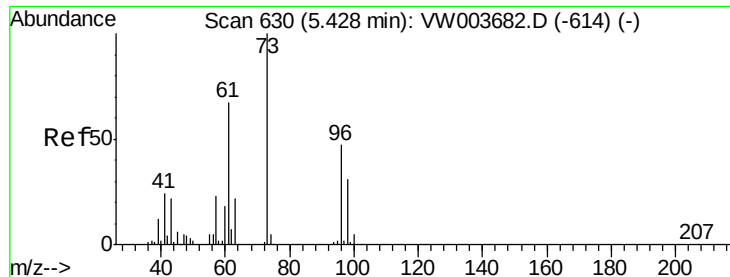
Tgt Ion: 43 Resp: 29339

Ion Ratio Lower Upper

43 100

74 21.3 18.2 27.2

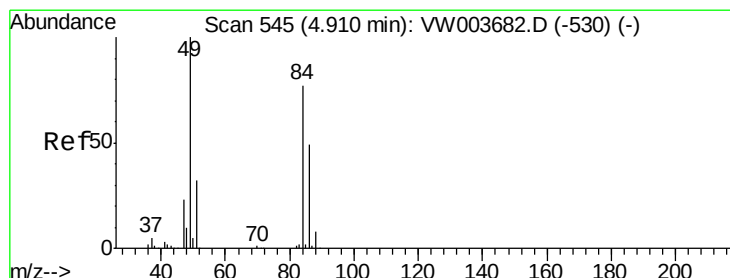
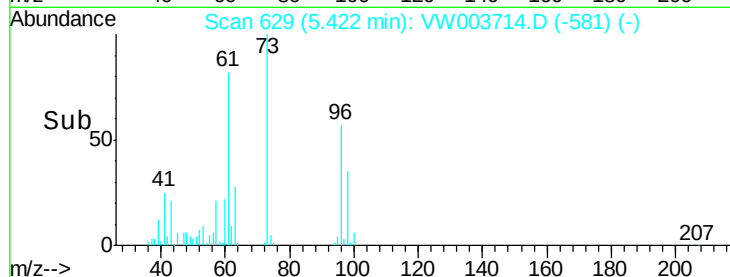
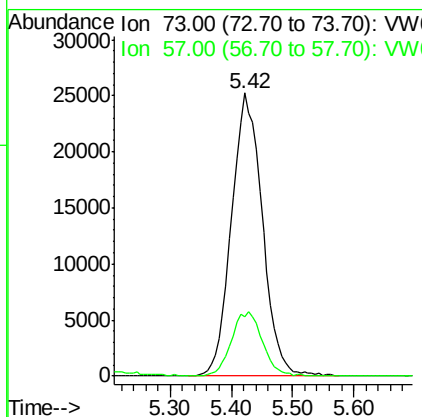
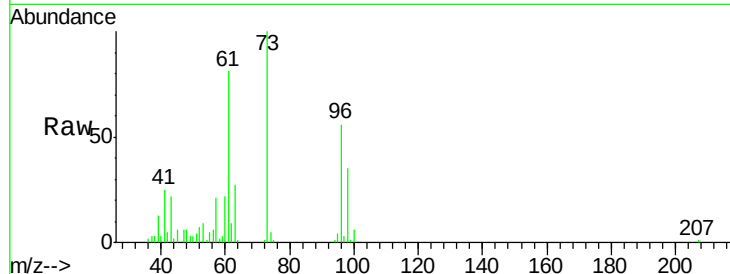




#19
Methyl tert-butyl Ether
Concen: 18.311 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

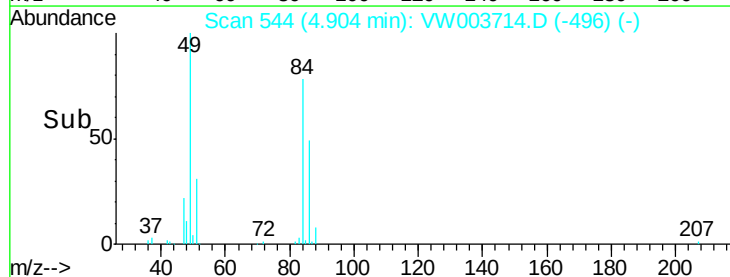
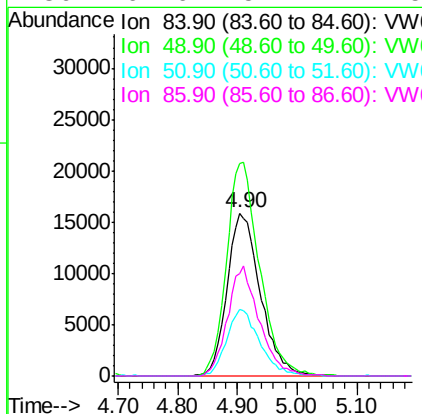
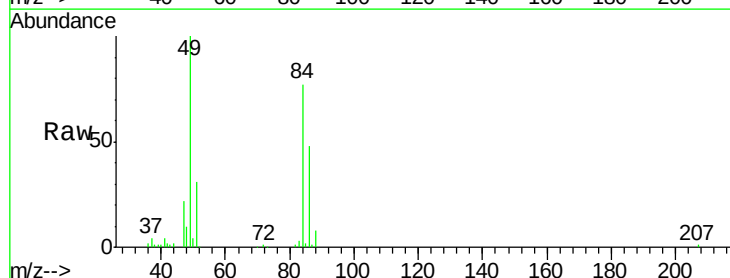
Instrument :
MSVOA_W
ClientSampled :

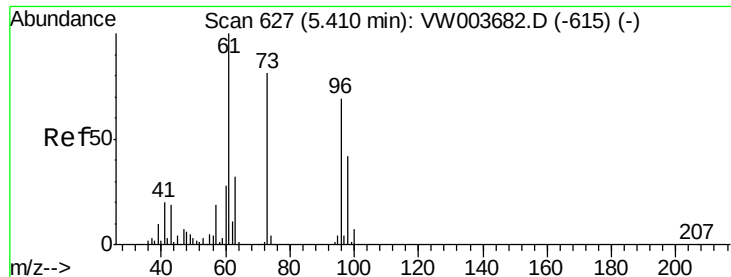
Tot Ion: 73 Resp: 88061
Ion Ratio Lower Upper
73 100
57 21.0 18.1 27.1



#20
Methylene Chloride
Concen: 19.955 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 84 Resp: 61577
Ion Ratio Lower Upper
84 100
49 130.3 104.6 156.8
51 40.7 33.2 49.8
86 62.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 18.219 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :

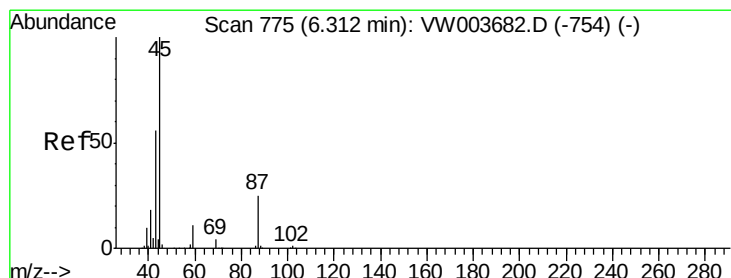
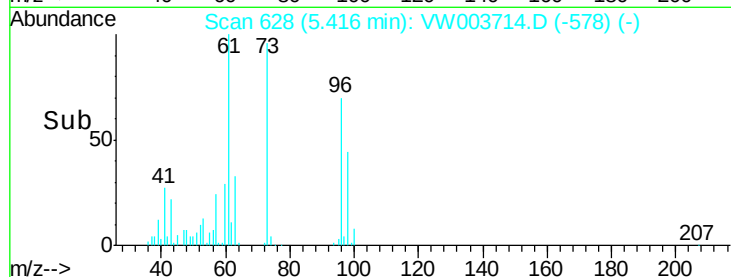
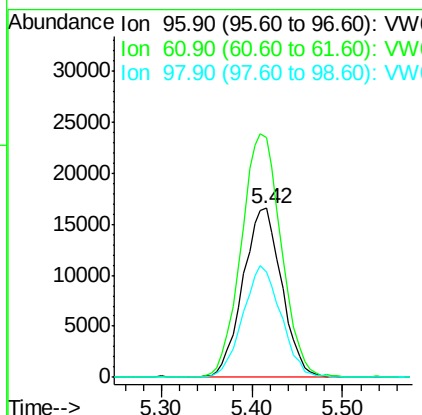
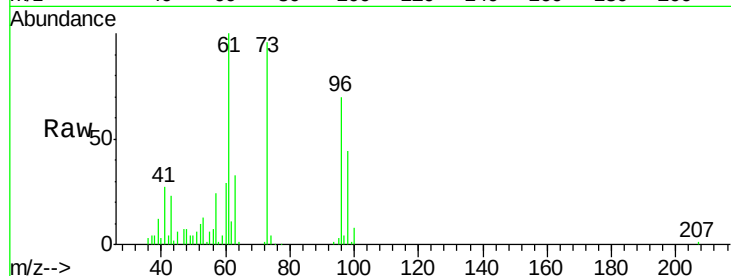
Tot Ion: 96 Resp: 49126

Ion Ratio Lower Upper

96 100

61 142.0 116.8 175.2

98 62.3 49.6 74.4



#22

Diisopropyl ether

Concen: 18.834 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion: 45 Resp: 162592

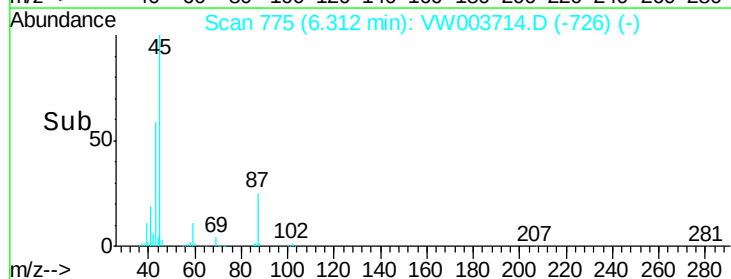
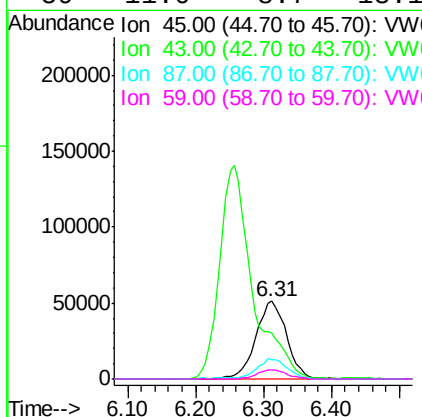
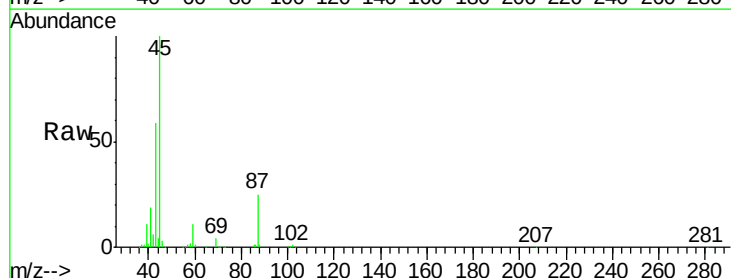
Ion Ratio Lower Upper

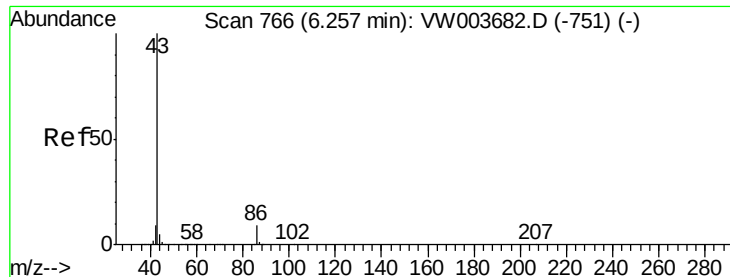
45 100

43 58.3 44.5 66.7

87 25.0 20.2 30.4

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 90.156 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

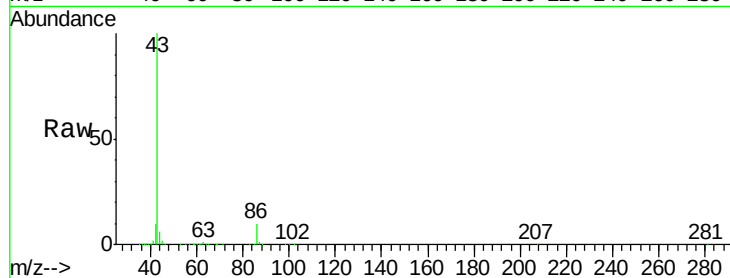
ClientSampleId :

Tot Ion: 43 Resp: 472790

Ion Ratio Lower Upper

43 100

86 9.5 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

150000

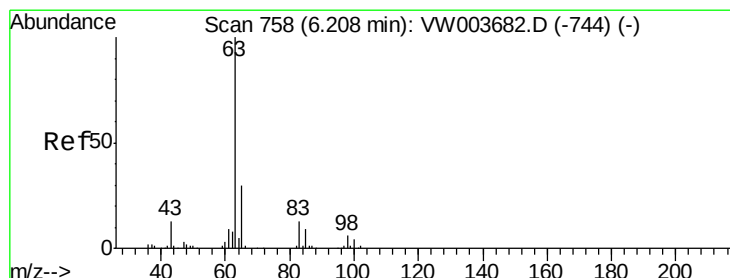
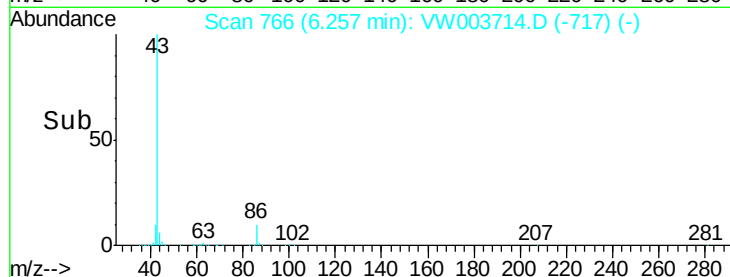
100000

50000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 18.928 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

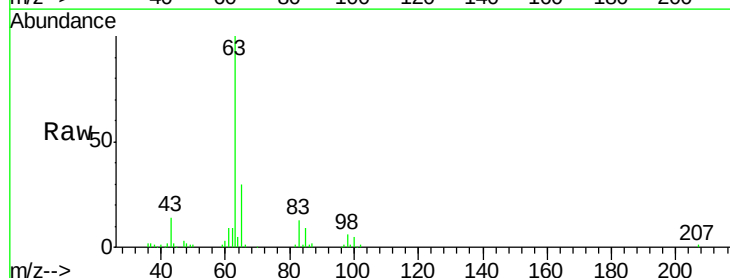
Tgt Ion: 63 Resp: 97449

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

100 4.7 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

40000

30000

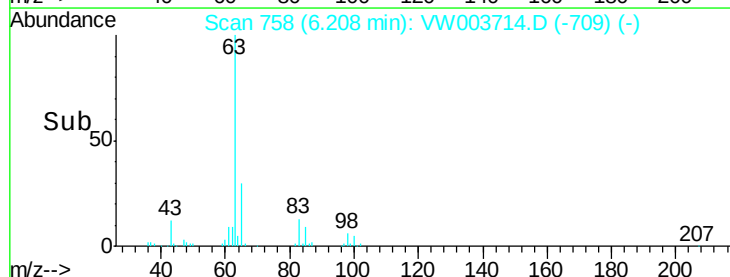
20000

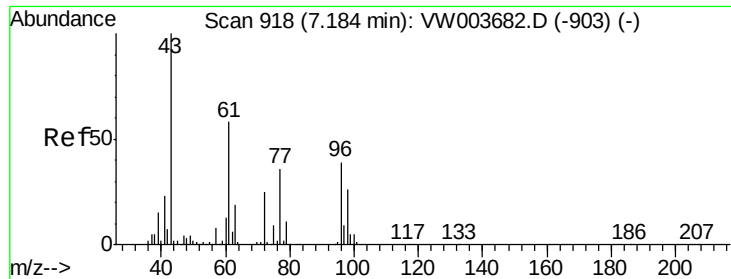
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 89.063 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

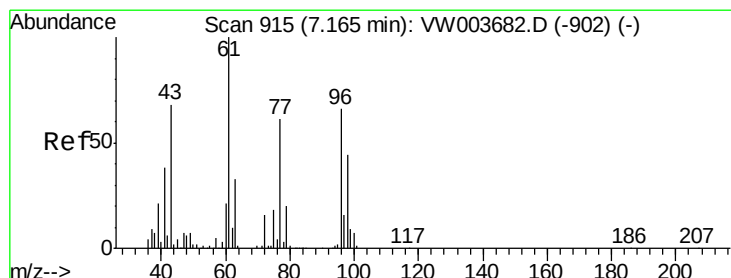
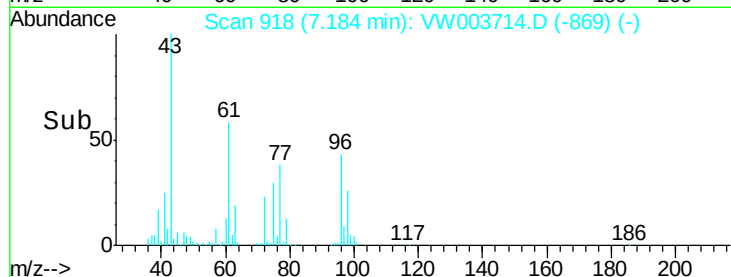
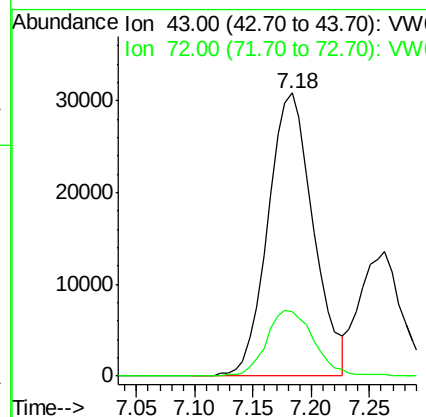
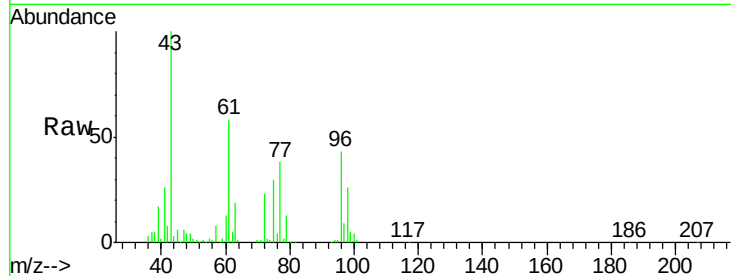
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 83472

Ion Ratio Lower Upper

43 100

72 22.6 20.2 30.4



#26

2,2-Dichloropropane

Concen: 19.324 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003714.D

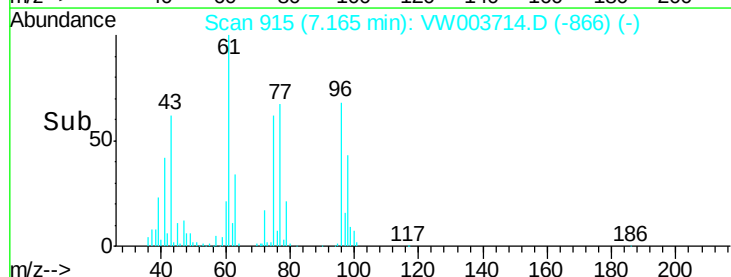
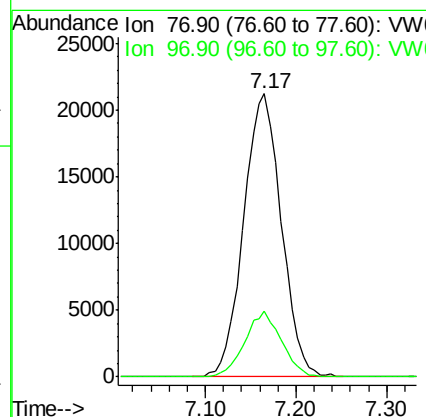
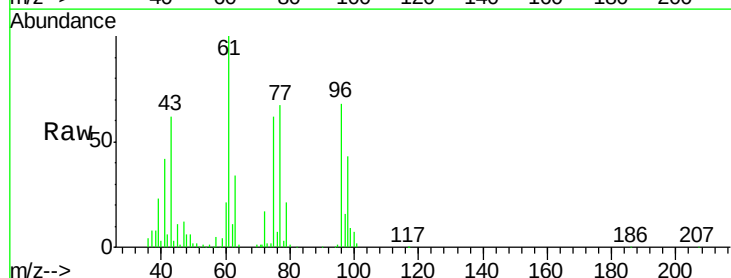
Acq: 05 Jul 2018 12:15

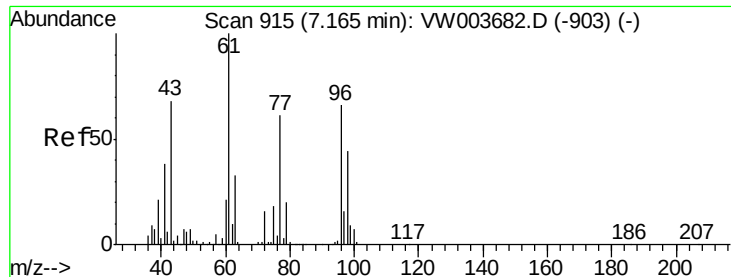
Tgt Ion: 77 Resp: 61001

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.1



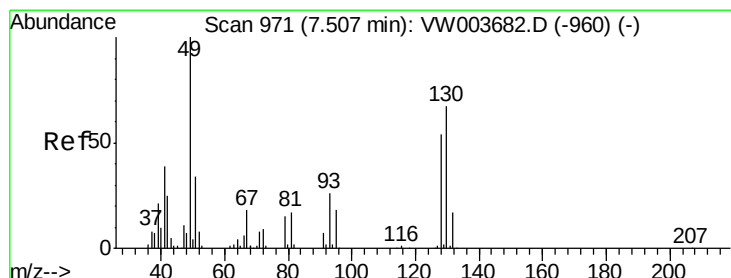
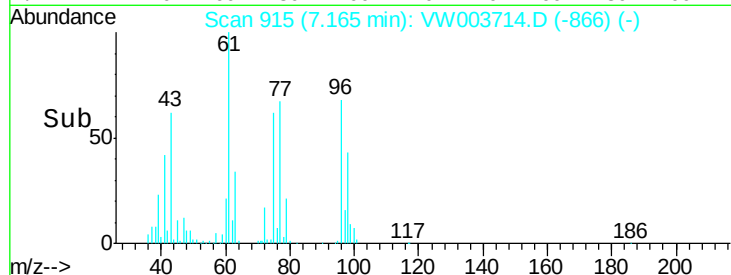
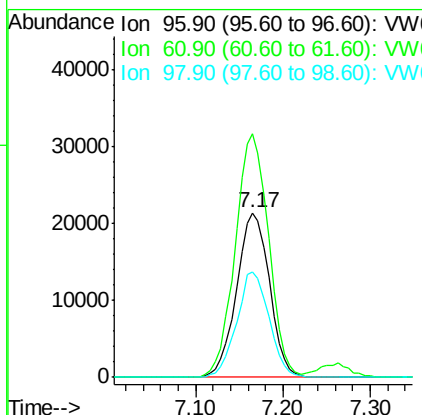
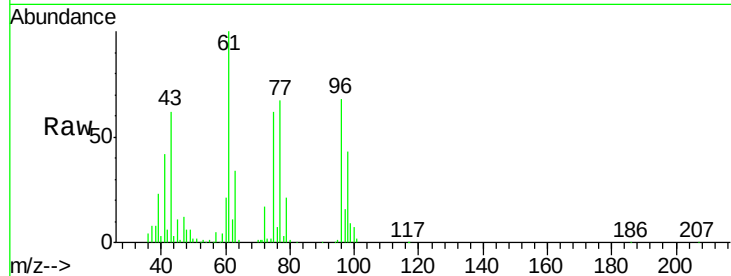


#27

cis-1,2-Dichloroethene
Concen: 19.096 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :

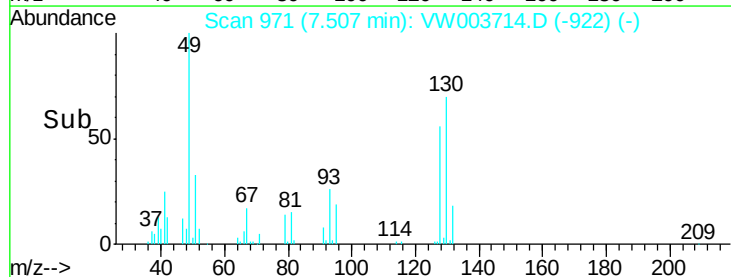
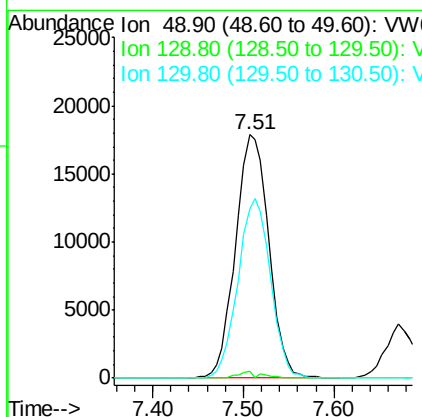
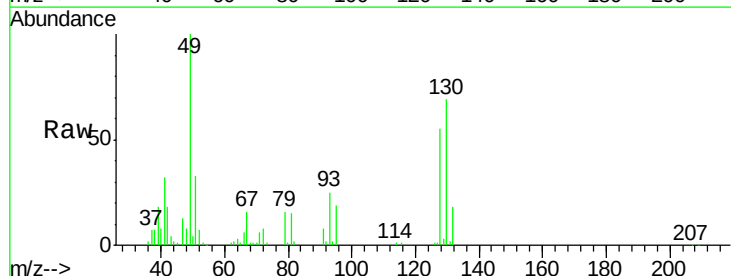
Tot Ion: 96 Resp: 56073
Ion Ratio Lower Upper
96 100
61 149.6 0.0 305.0
98 62.9 0.0 129.6

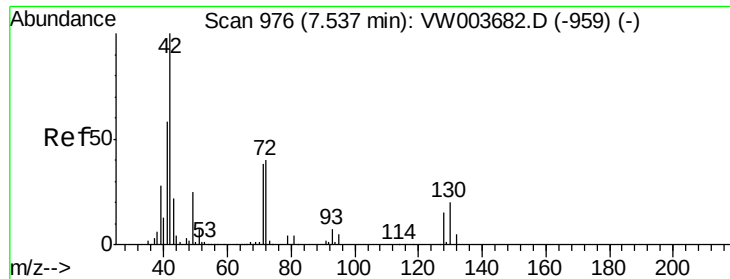


#28

Bromochloromethane
Concen: 20.121 ug/l
RT: 7.51 min Scan# 971
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 49 Resp: 45534
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.0
130 72.0 57.0 85.6

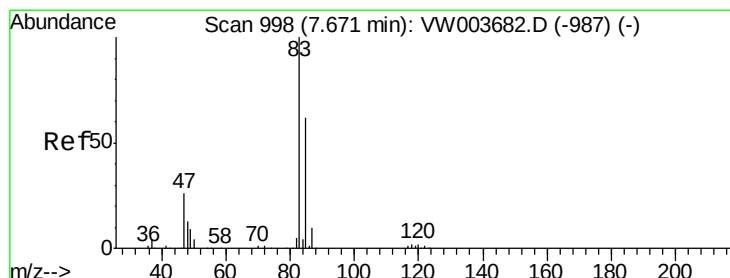
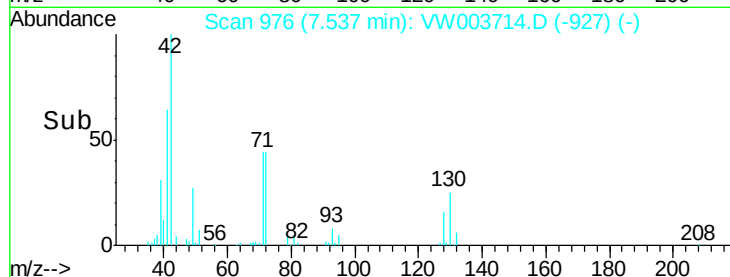
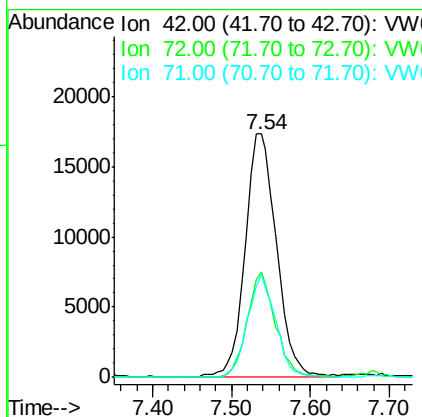
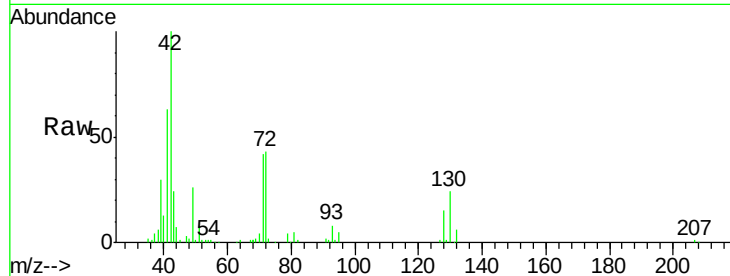




#29
Tetrahydrofuran
Concen: 85.583 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

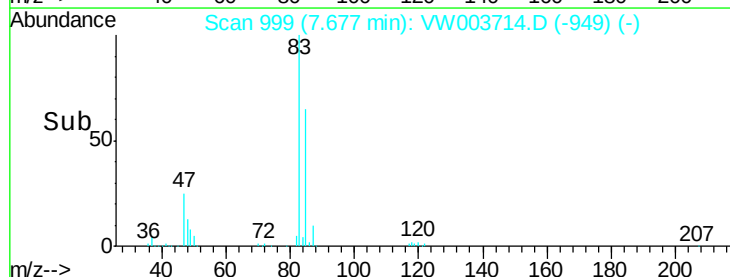
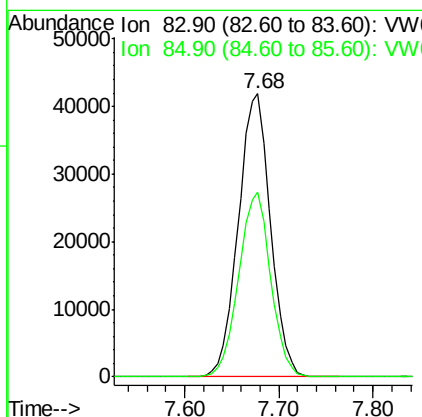
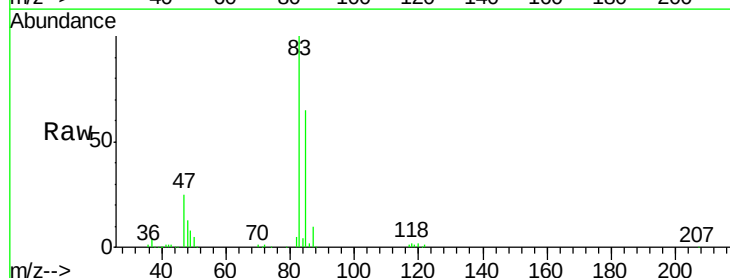
Instrument :
MSVOA_W
ClientSampled :

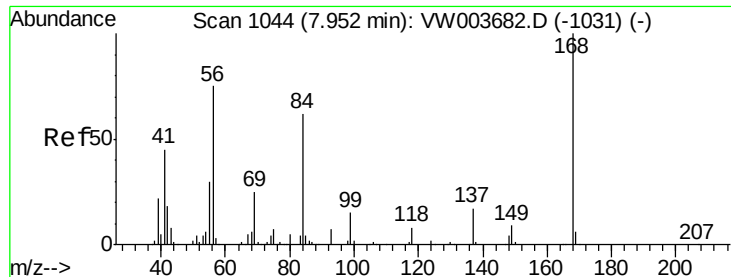
Tot Ion: 42 Resp: 48082
Ion Ratio Lower Upper
42 100
72 39.0 32.0 48.0
71 37.7 30.2 45.2



#30
Chloroform
Concen: 19.219 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 83 Resp: 100051
Ion Ratio Lower Upper
83 100
85 65.5 49.7 74.5





#31

Cyclohexane

Concen: 18.085 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :

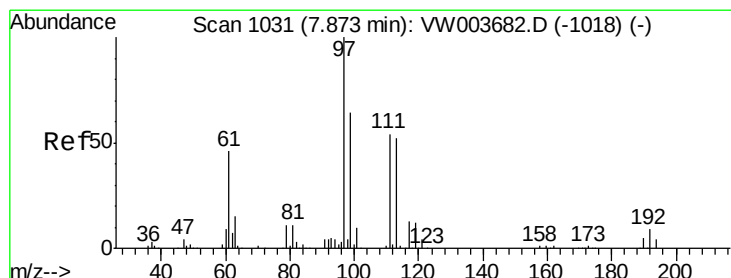
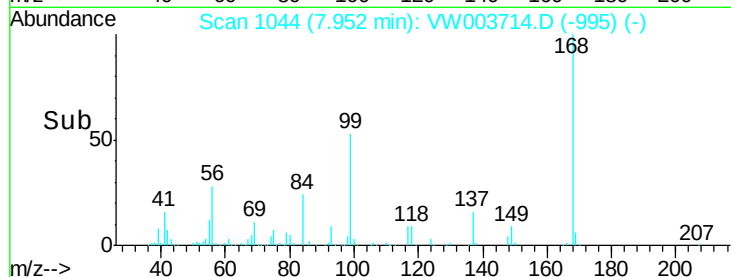
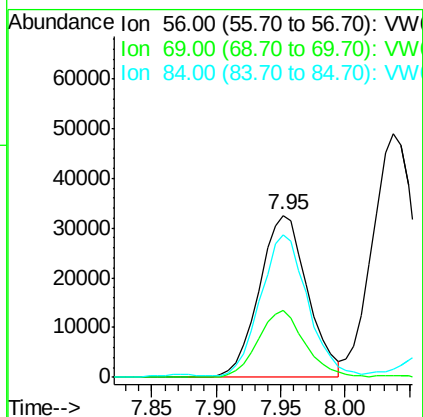
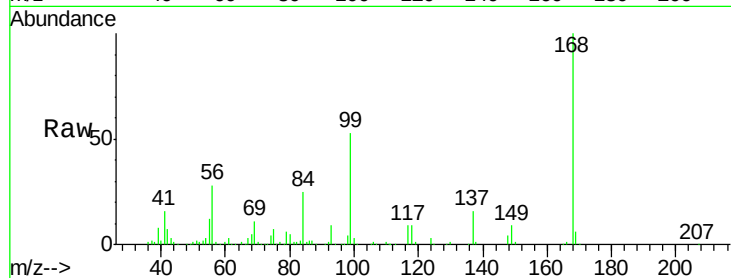
Tot Ion: 56 Resp: 84774

Ion Ratio Lower Upper

56 100

69 41.1 27.0 40.4#

84 85.9 65.4 98.0



#32

1,1,1-Trichloroethane

Concen: 19.666 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

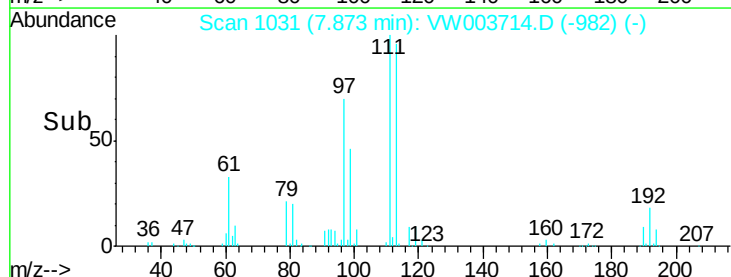
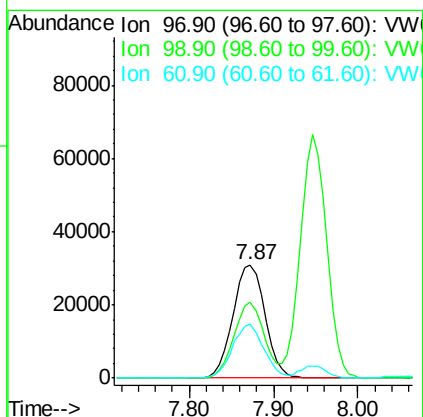
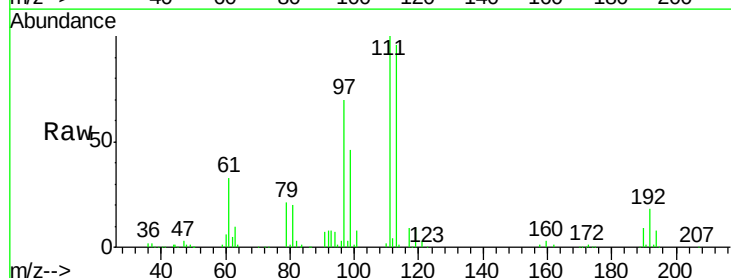
Tgt Ion: 97 Resp: 79696

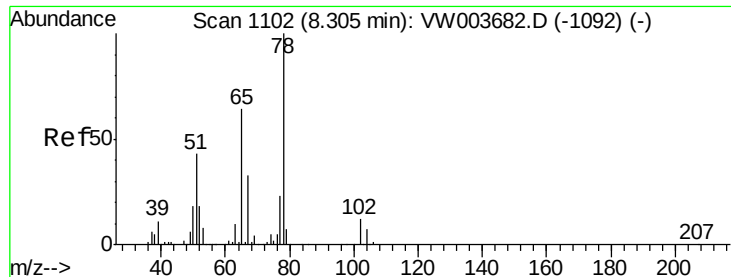
Ion Ratio Lower Upper

97 100

99 62.5 50.6 76.0

61 46.5 37.2 55.8

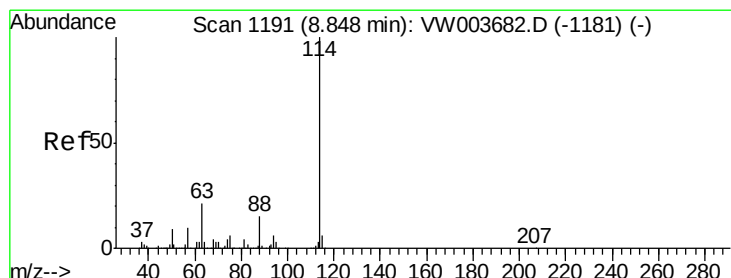
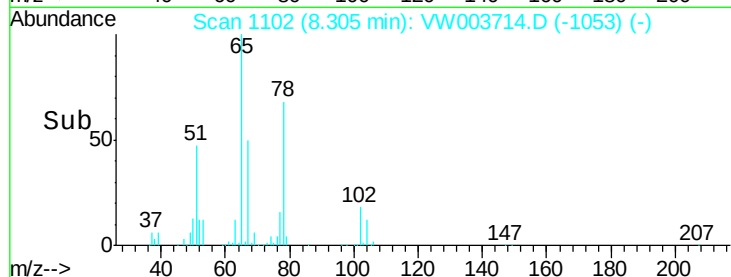
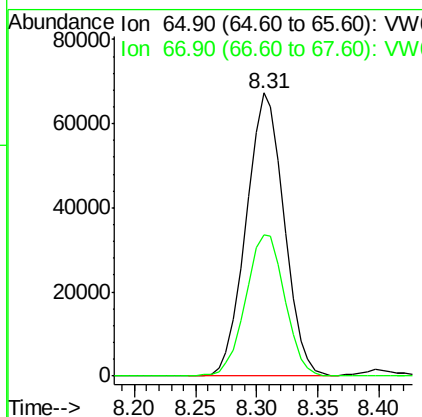
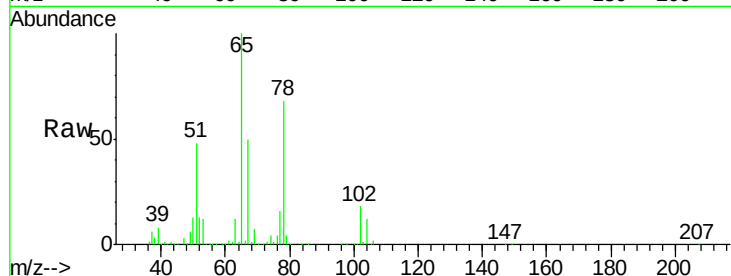




#33
 1,2-Dichloroethane-d4
 Concen: 47.419 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

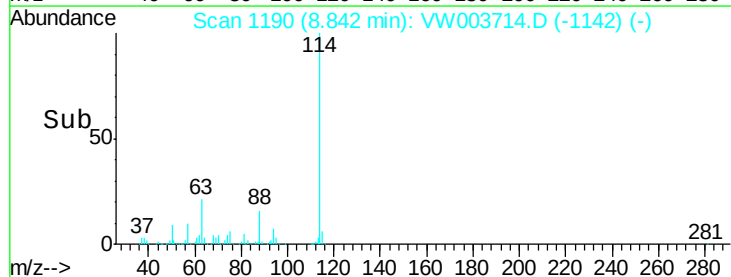
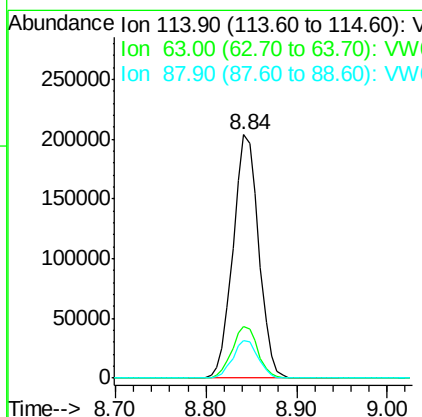
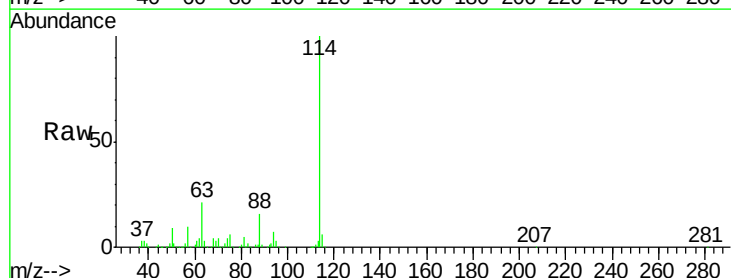
Instrument :
 MSVOA_W
 ClientSampleId :

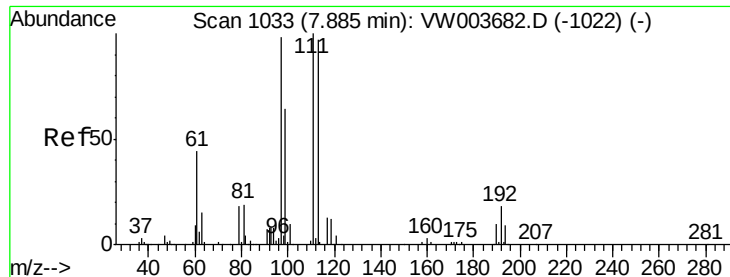
Tot Ion: 65 Resp: 145401
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion: 114 Resp: 398990
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.6
 88 15.7 0.0 29.8

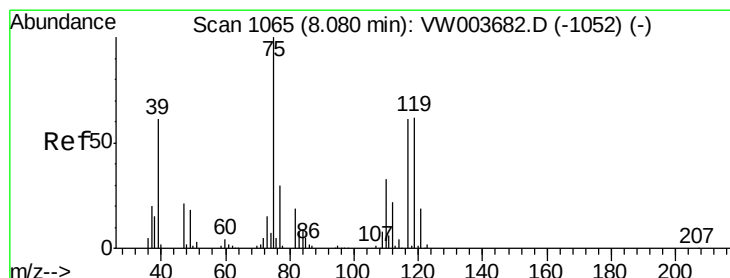
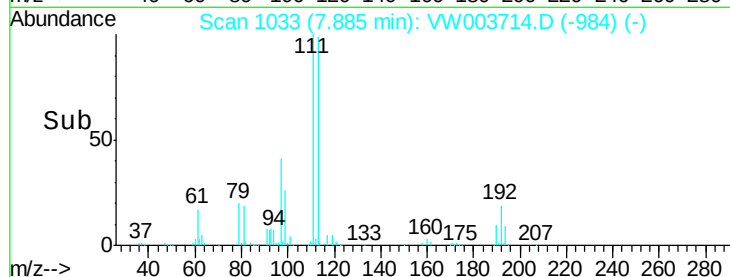
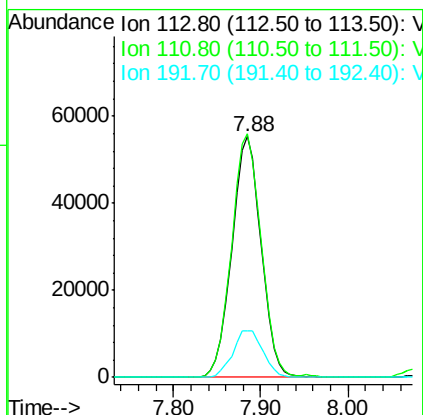
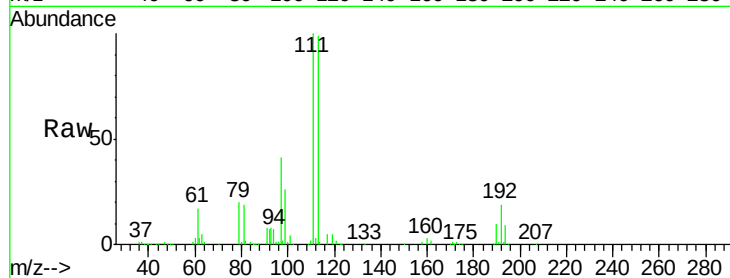




#35
 Dibromofluoromethane
 Concen: 49.318 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

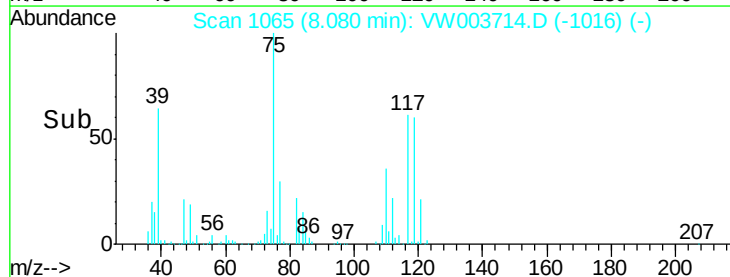
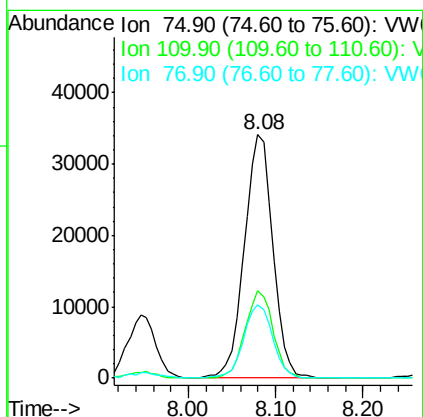
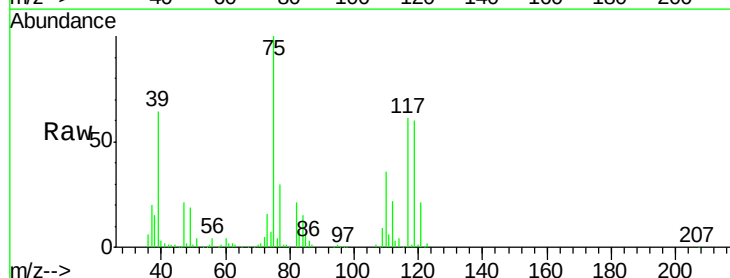
Instrument :
 MSVOA_W
 ClientSampleId :

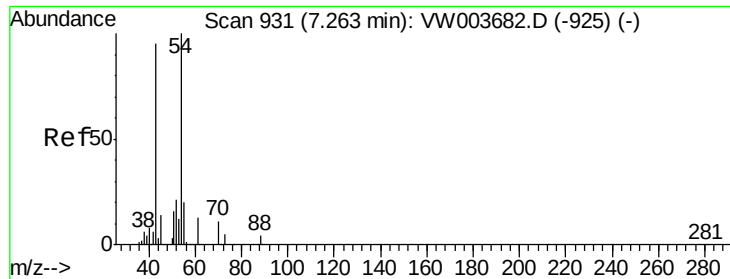
Tot Ion:113 Resp: 128338
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 20.1 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 19.276 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion: 75 Resp: 77205
 Ion Ratio Lower Upper
 75 100
 110 35.0 16.9 50.6
 77 30.7 24.9 37.3

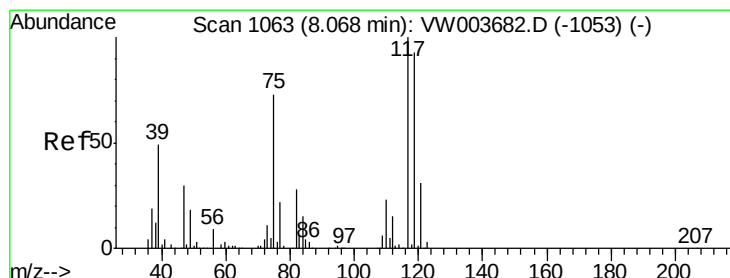
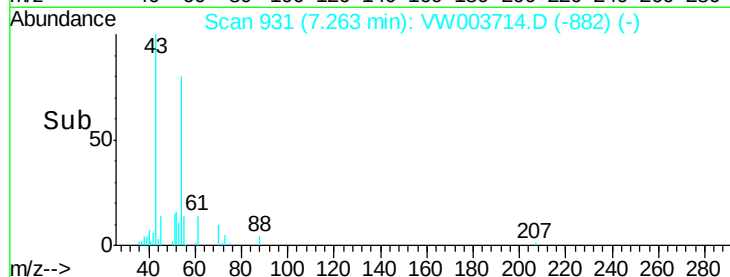
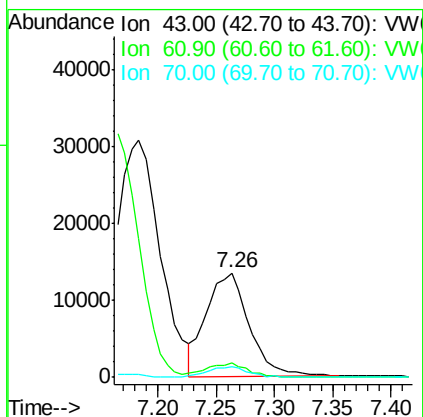
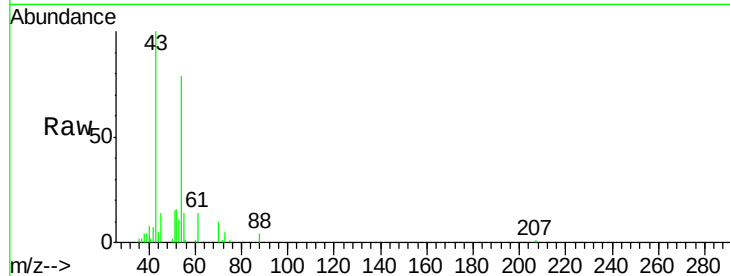




#37
Ethyl Acetate
Concen: 17.622 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

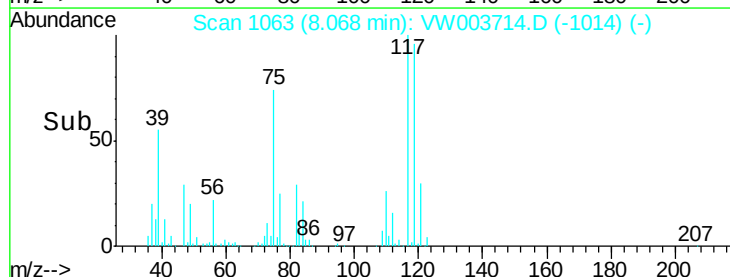
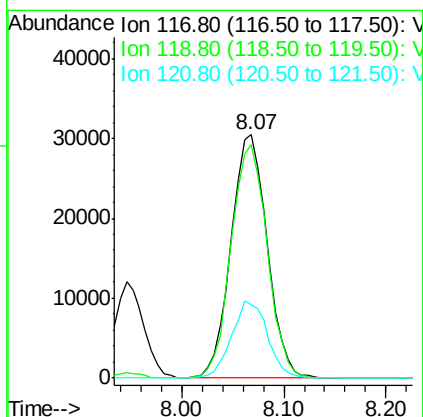
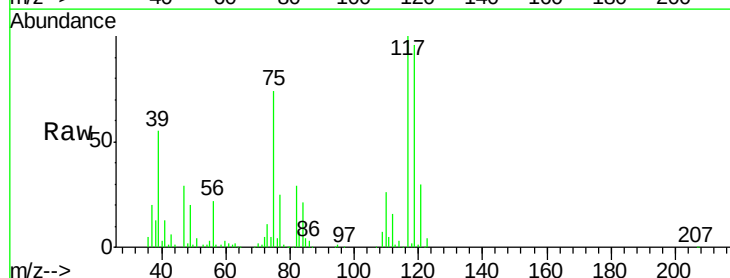
Instrument :
MSVOA_W
ClientSampleId :

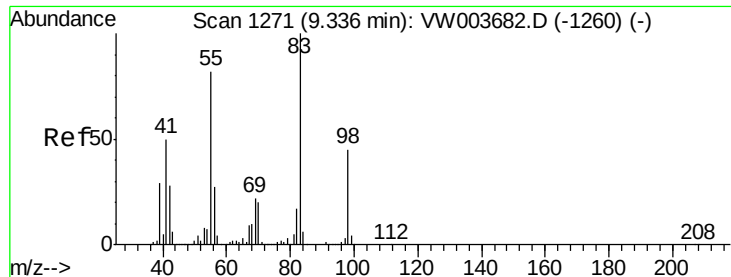
Tot Ion: 43 Resp: 34354
Ion Ratio Lower Upper
43 100
61 13.0 10.5 15.7
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.686 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 117 Resp: 75004
Ion Ratio Lower Upper
117 100
119 95.9 74.1 111.1
121 30.4 25.0 37.4

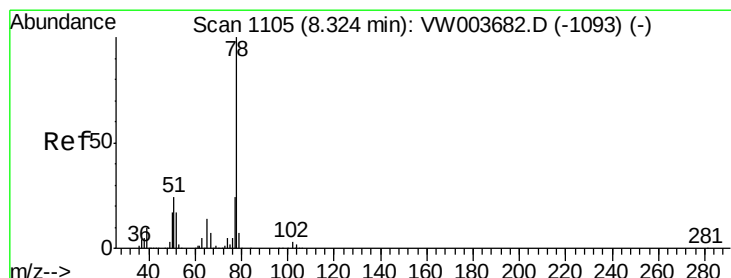
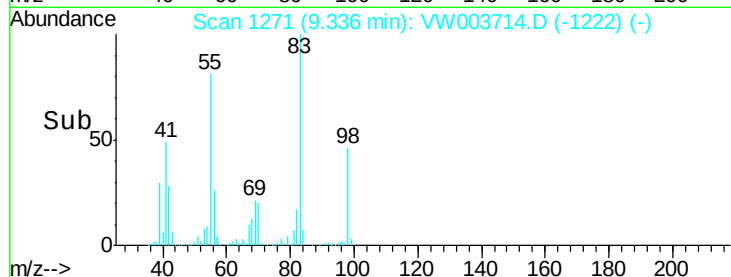
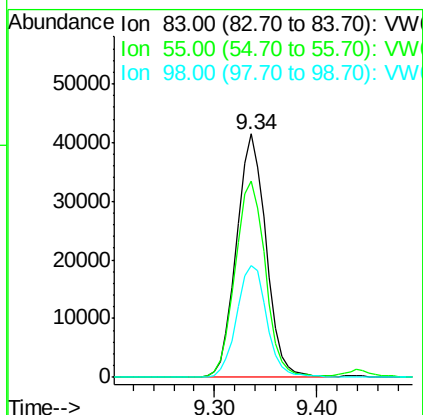
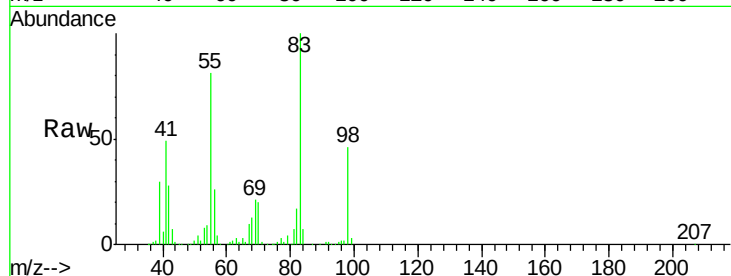




#39
Methylvlcyclohexane
Concen: 18.118 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

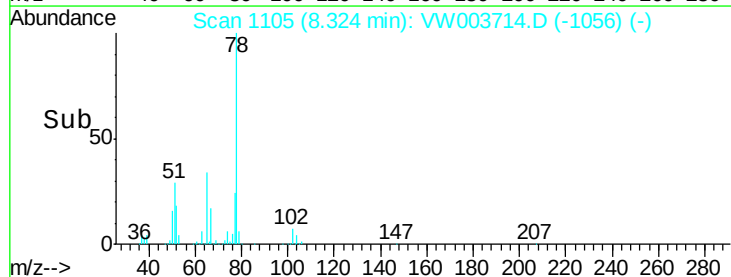
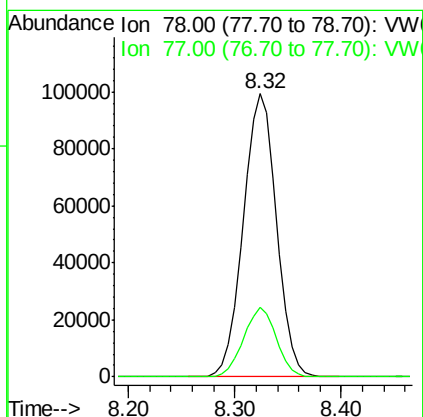
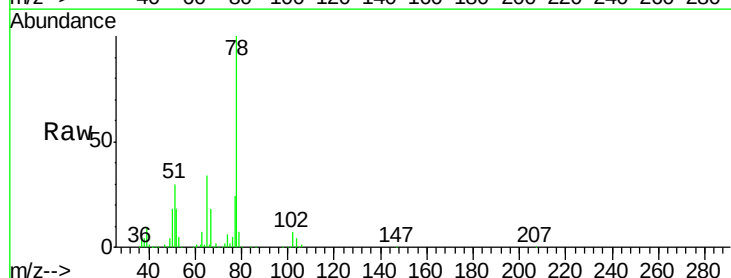
Instrument :
MSVOA_W
ClientSampled :

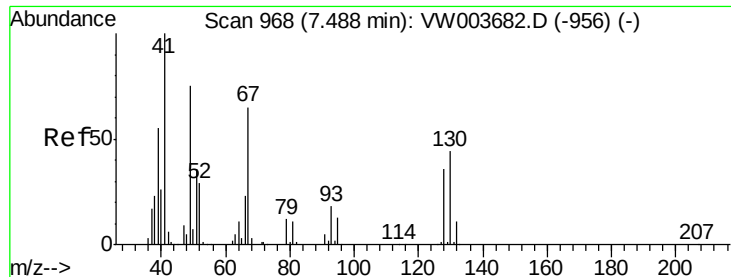
Tot Ion: 83 Resp: 83565
Ion Ratio Lower Upper
83 100
55 80.6 65.3 97.9
98 46.2 36.3 54.5



#40
Benzene
Concen: 19.320 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 78 Resp: 217485
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

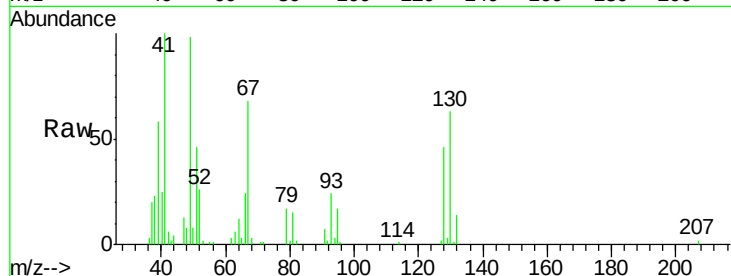




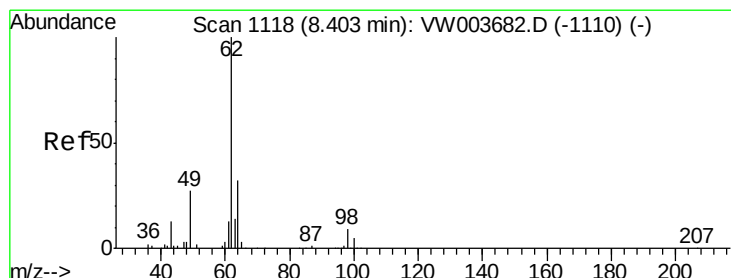
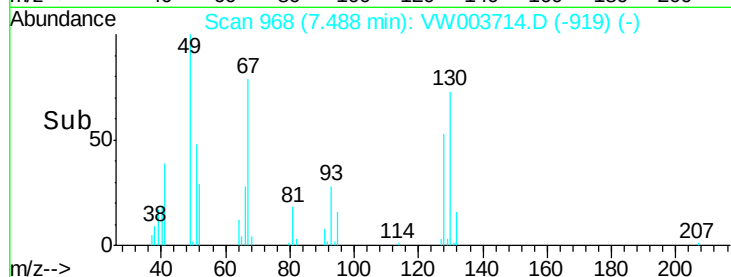
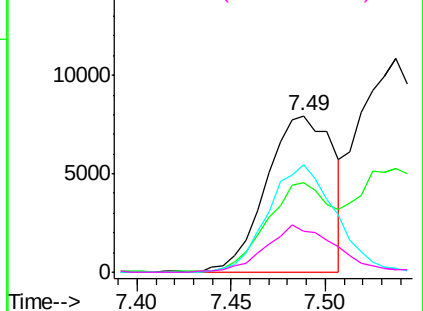
#41
Methacrylonitrile
Concen: 17.646 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	19554
Ion	Ratio	Lower	Upper
41	100		
39	55.8	47.8	71.8
67	69.5	53.9	80.9
52	31.6	25.0	37.6

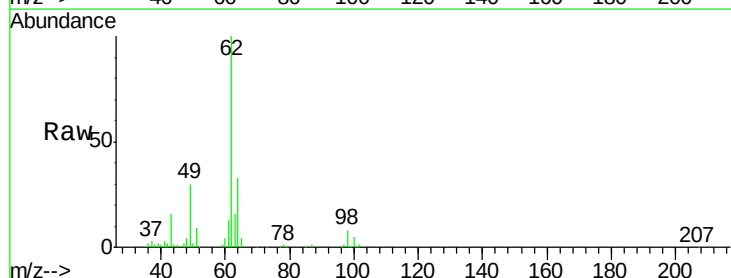


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

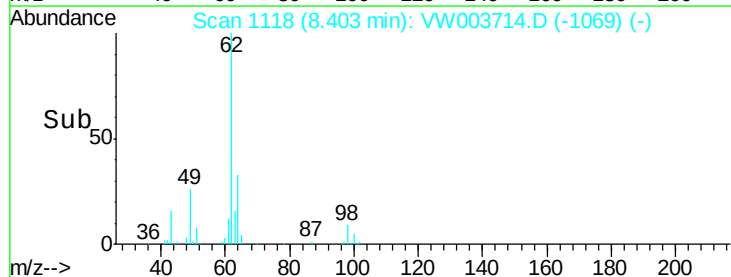
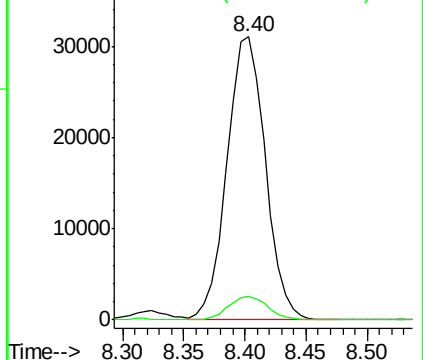


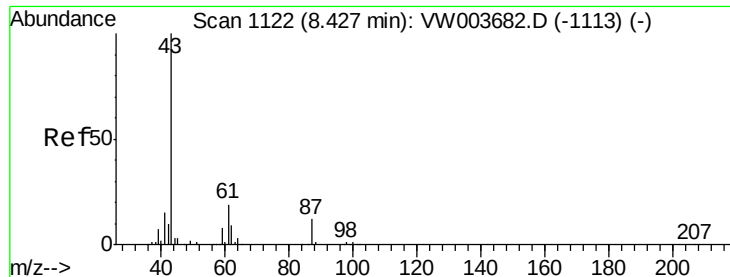
#42
1,2-Dichloroethane
Concen: 19.061 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion:	62	Resp:	67565
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 17.614 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

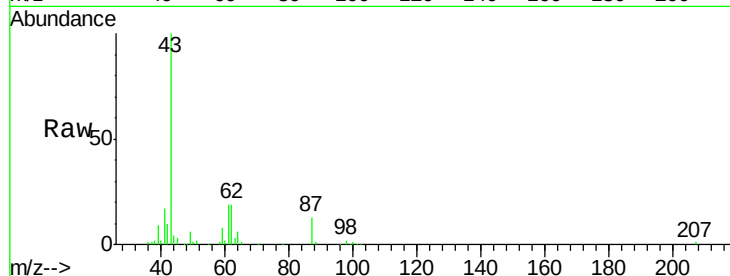
Tot Ion: 43 Resp: 64676

Ion Ratio Lower Upper

43 100

61 29.6 23.0 34.6

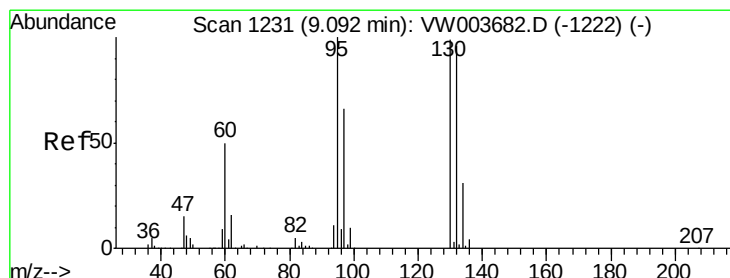
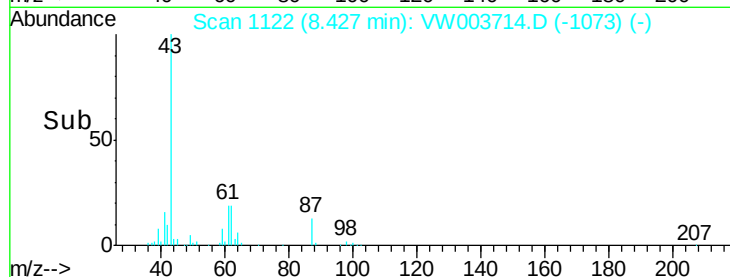
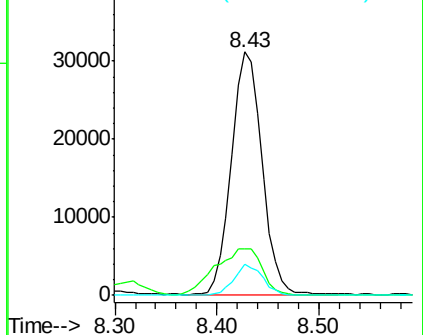
87 11.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.390 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003714.D

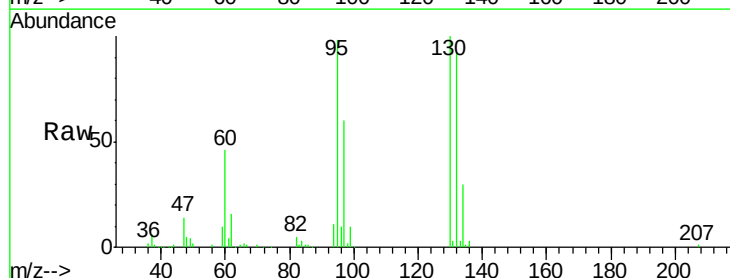
Acq: 05 Jul 2018 12:15

Tgt Ion:130 Resp: 56427

Ion Ratio Lower Upper

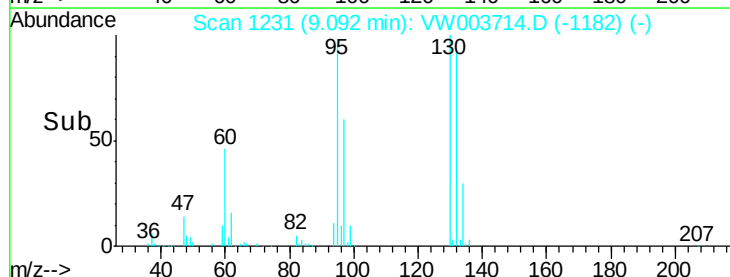
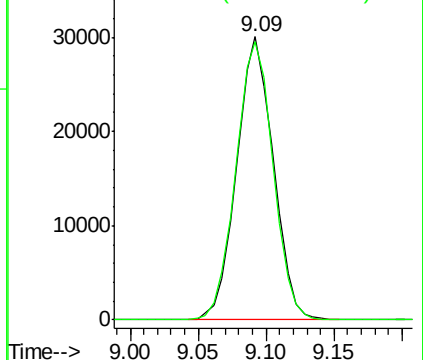
130 100

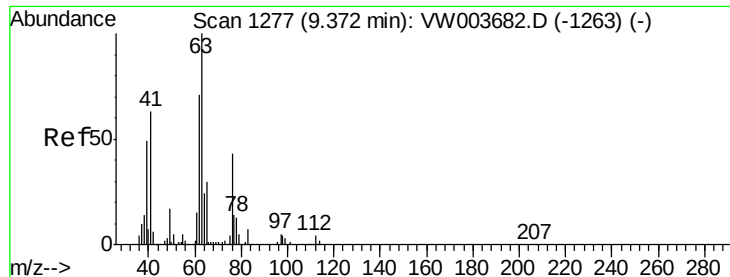
95 98.3 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

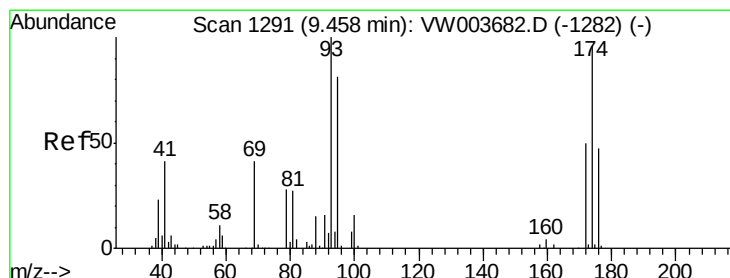
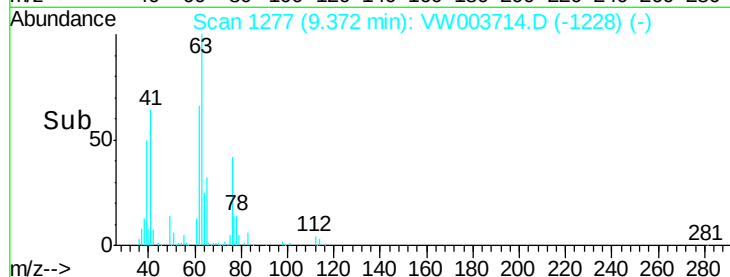
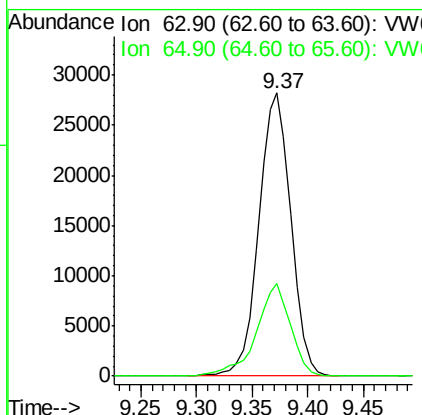
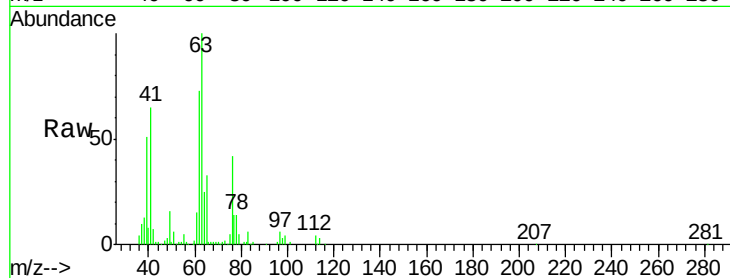




#45
 1,2-Dichloropropane
 Concen: 19.354 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

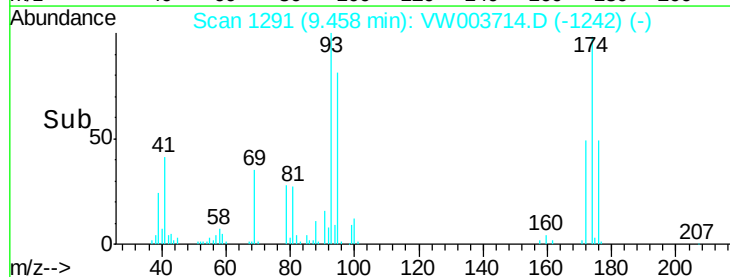
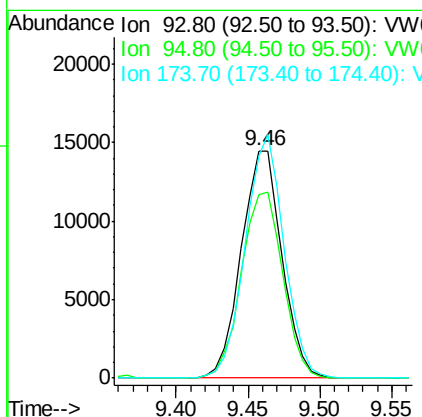
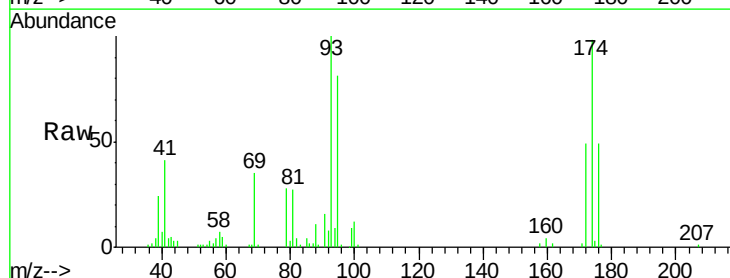
Instrument :
 MSVOA_W
 ClientSampled :

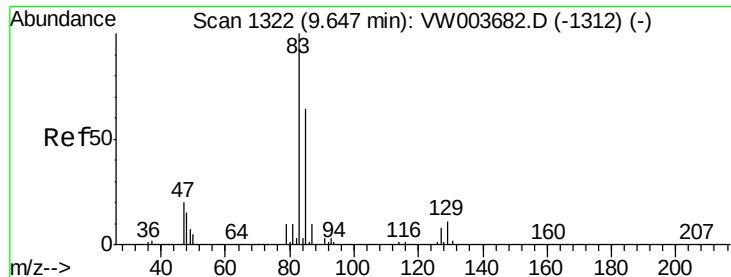
Tot Ion: 63 Resp: 56518
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.3 36.5



#46
 Dibromomethane
 Concen: 18.656 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion: 93 Resp: 28294
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.4
 174 102.1 79.6 119.4

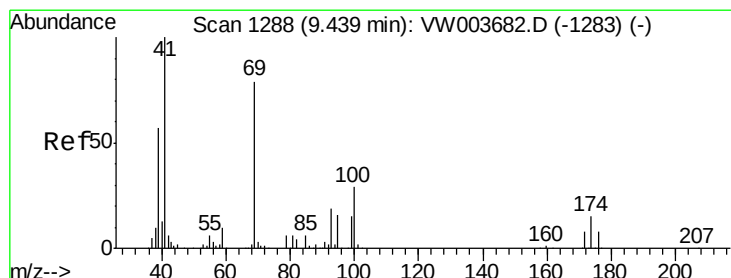
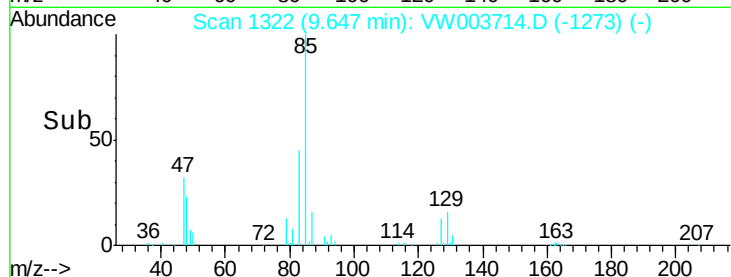
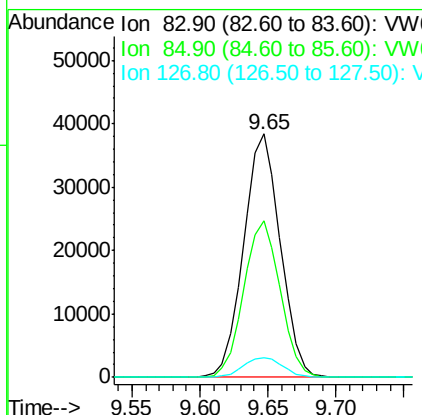
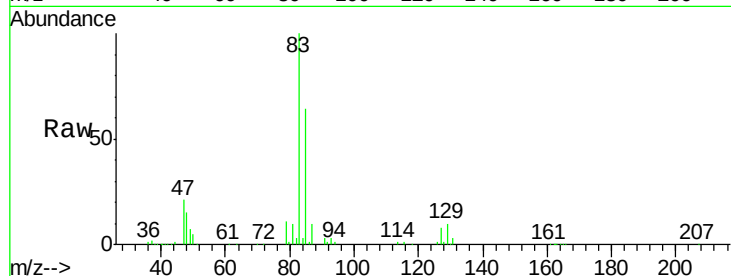




#47
Bromodichloromethane
Concen: 19.307 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

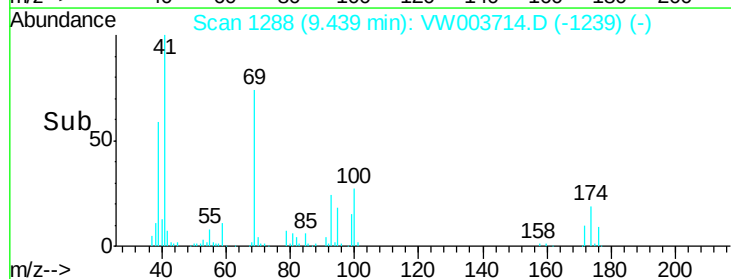
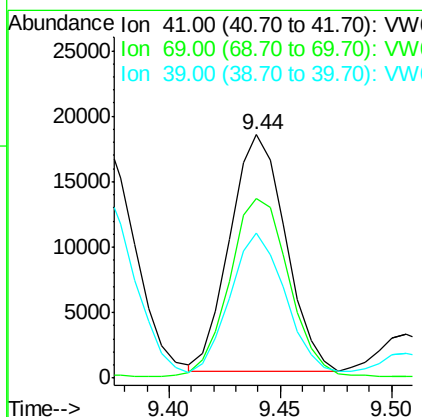
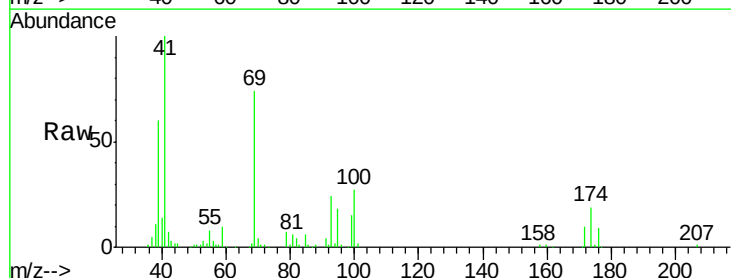
Instrument :
MSVOA_W
ClientSampled :

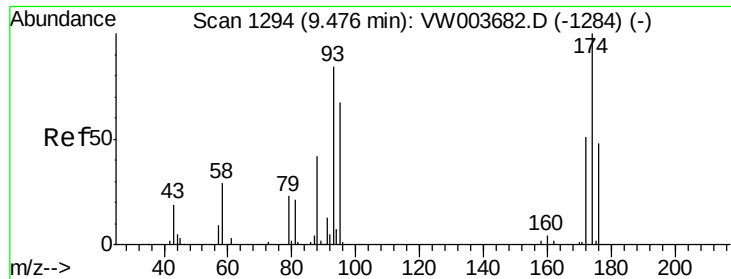
Tot Ion: 83 Resp: 72383
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 18.441 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 41 Resp: 31364
Ion Ratio Lower Upper
41 100
69 81.7 65.4 98.2
39 62.9 50.0 75.0

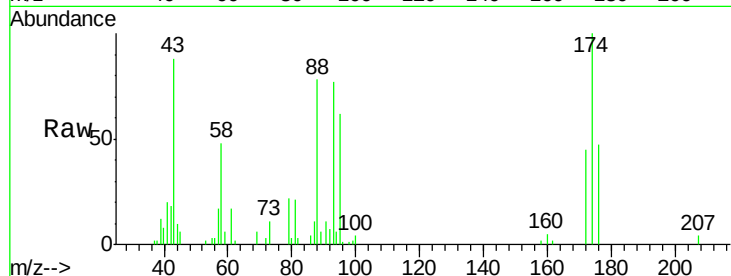




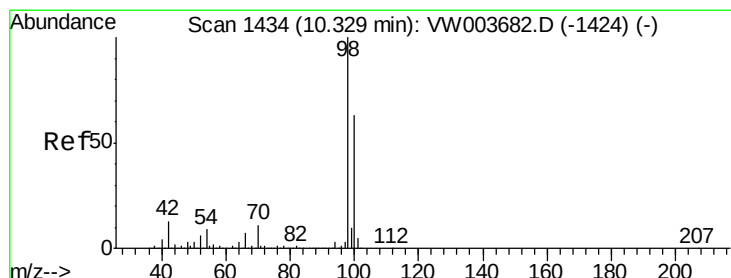
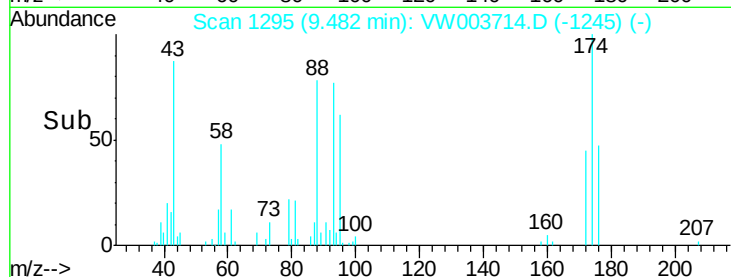
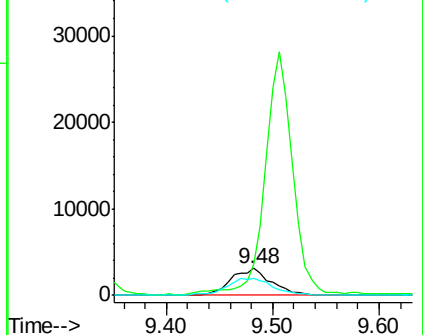
#49
1,4-Dioxane
Concen: 347.193 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 8260
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.0 61.8 92.6

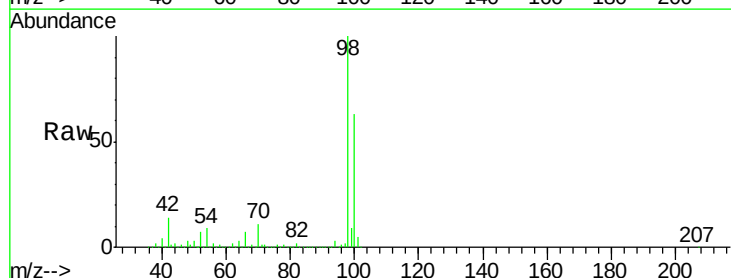


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

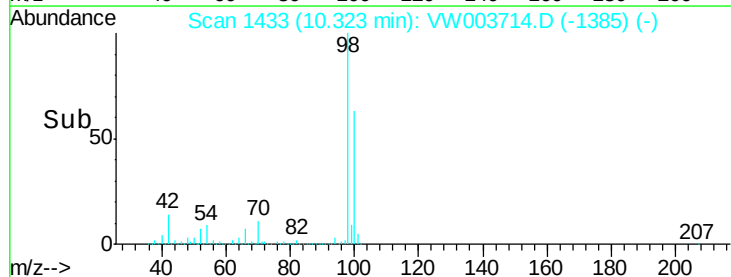
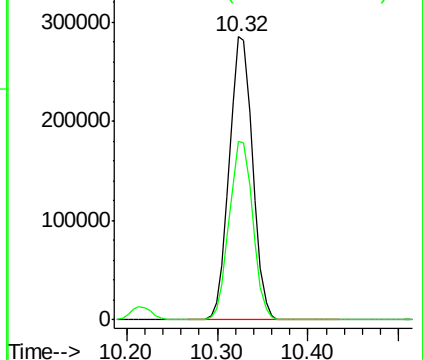


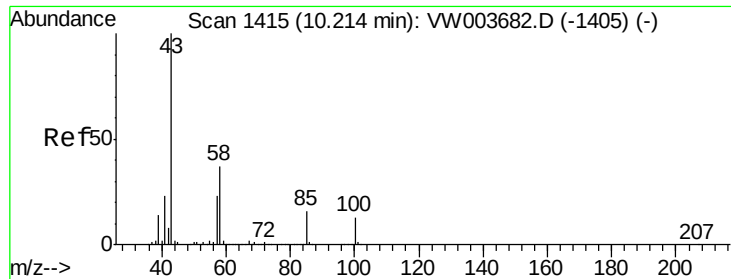
#50
Toluene-d8
Concen: 49.921 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 98 Resp: 509971
Ion Ratio Lower Upper
98 100
100 64.0 50.8 76.2



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

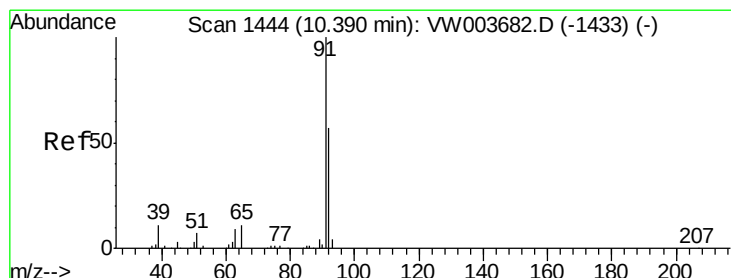
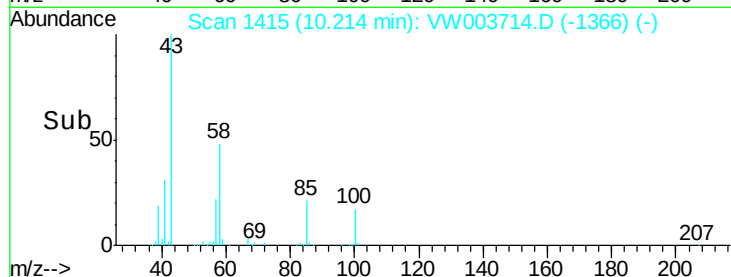
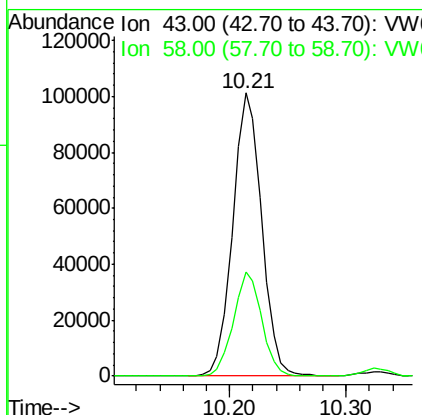
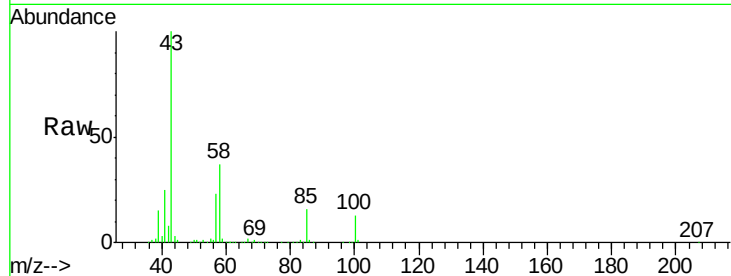




#51
 4-Methyl-2-Pentanone
 Concen: 90.063 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

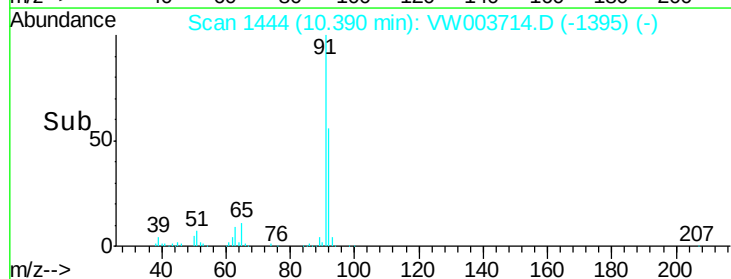
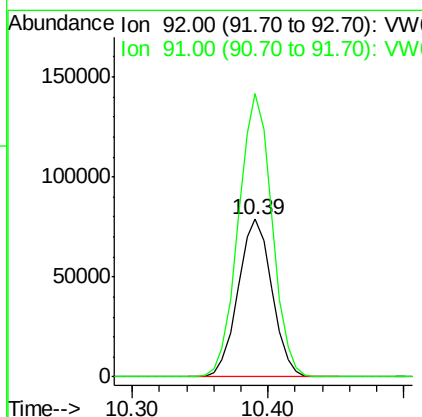
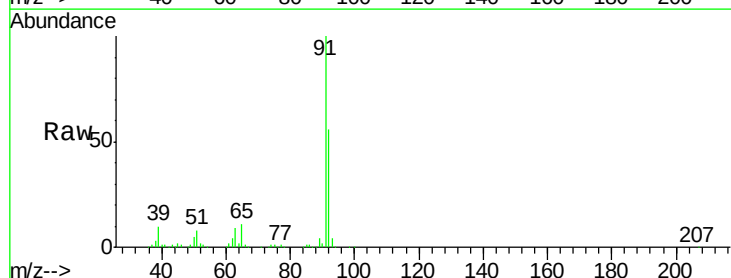
Instrument :
 MSVOA_W
 ClientSampled :

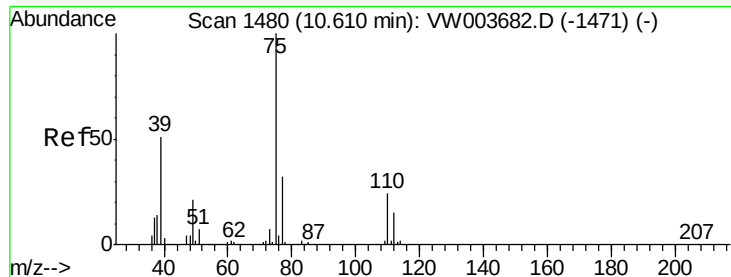
Tot Ion: 43 Resp: 174254
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.6 44.4



#52
 Toluene
 Concen: 19.486 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion: 92 Resp: 136887
 Ion Ratio Lower Upper
 92 100
 91 178.1 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 19.151 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

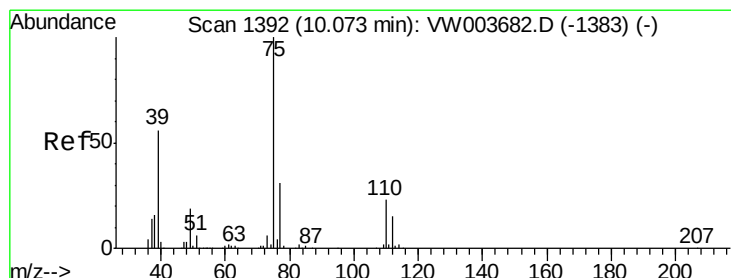
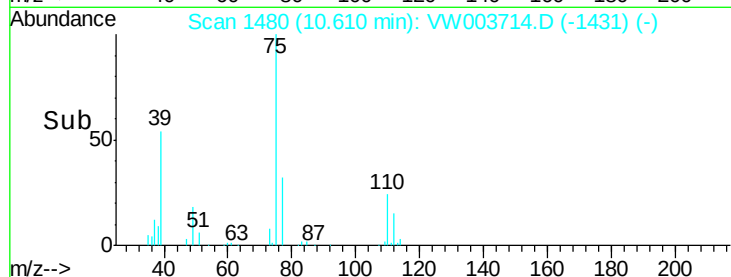
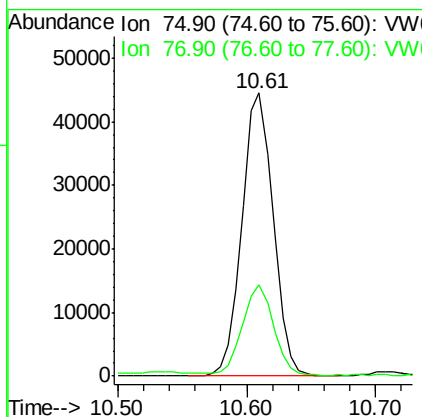
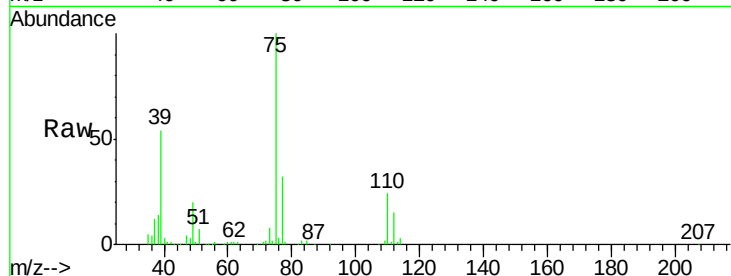
ClientSampled :

Tot Ion: 75 Resp: 74485

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.923 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

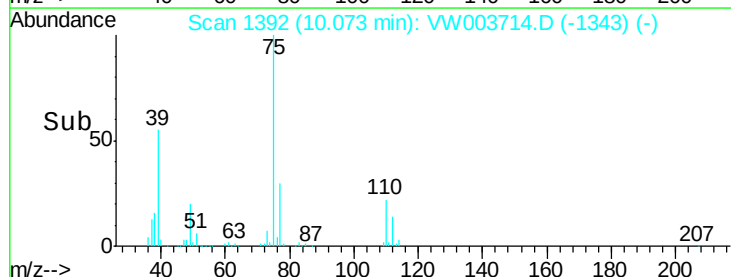
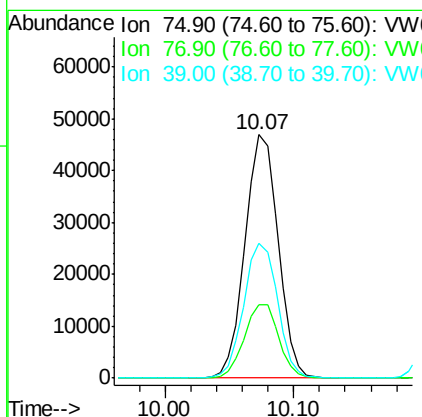
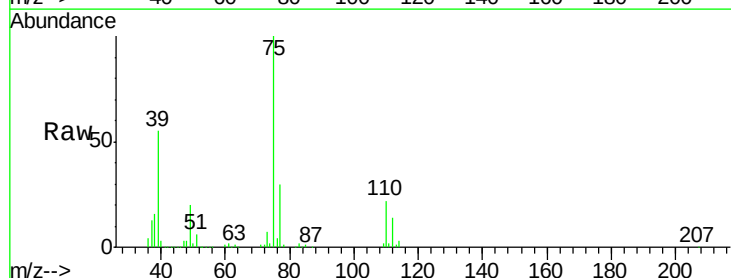
Tgt Ion: 75 Resp: 83442

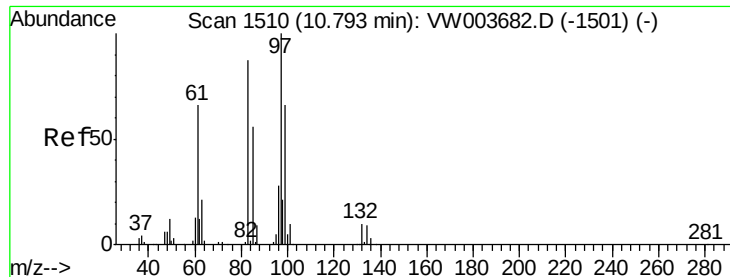
Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3

39 55.3 44.6 67.0

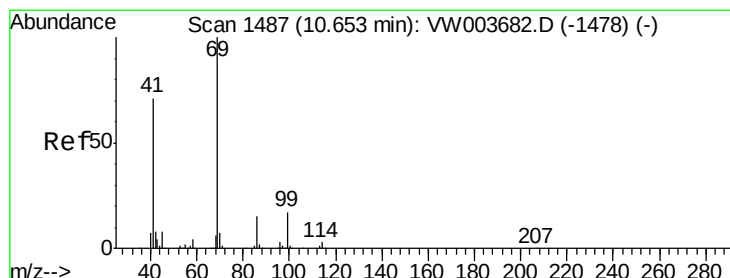
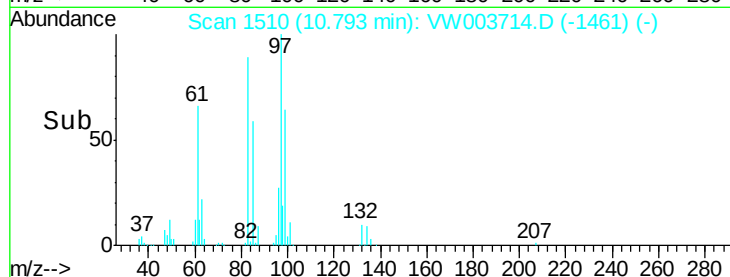
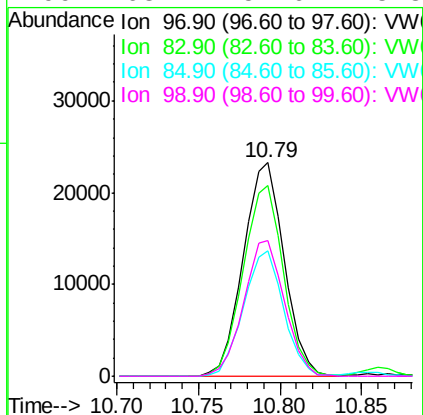
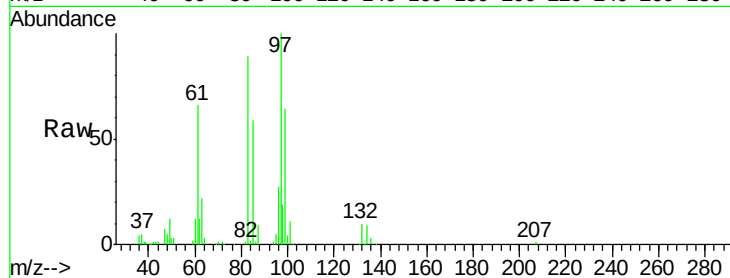




#55
 1,1,2-Trichloroethane
 Concen: 18.938 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

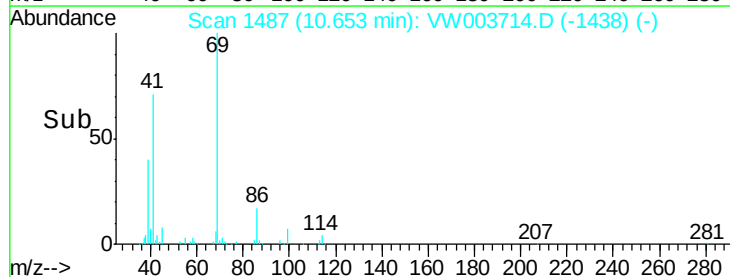
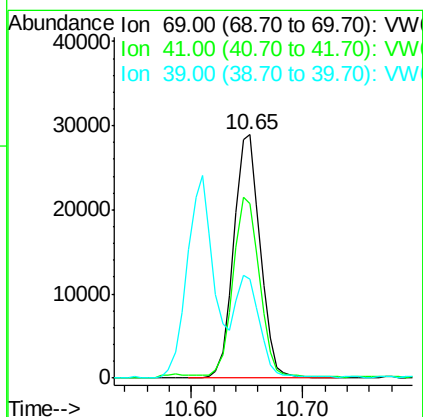
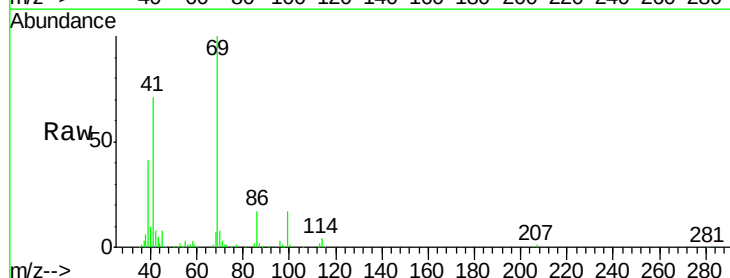
Instrument :
 MSVOA_W
 ClientSampleId :

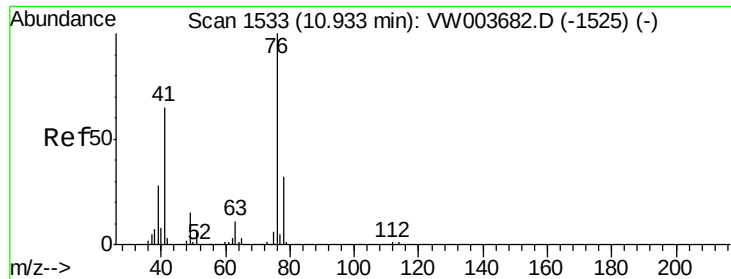
Tot Ion:	97	Resp:	40463
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.5	104.3
85	58.7	44.7	67.1
99	63.7	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 18.168 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion:	69	Resp:	47633
Ion	Ratio	Lower	Upper
69	100		
41	75.0	57.5	86.3
39	36.6	29.4	44.0

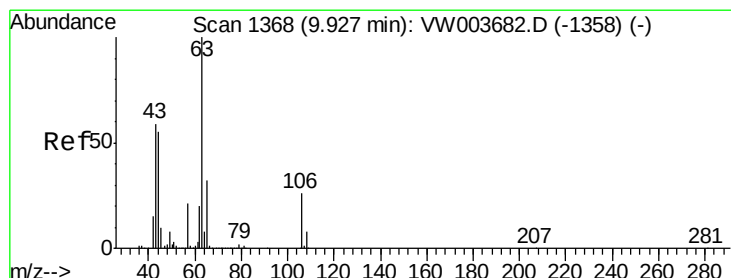
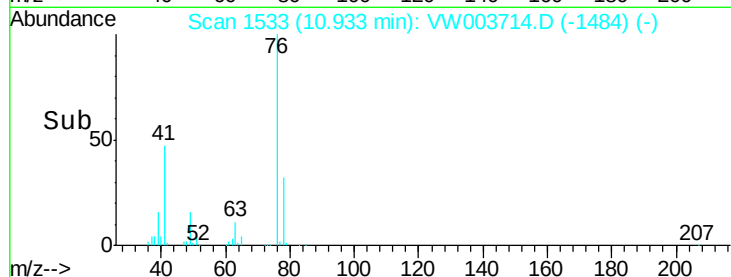
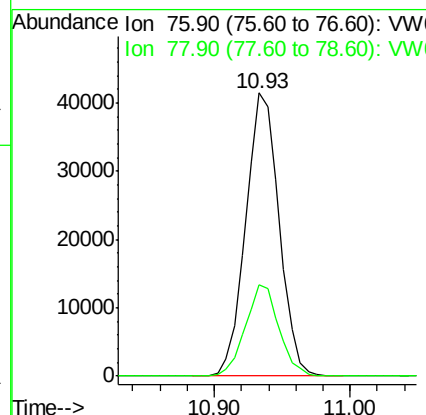
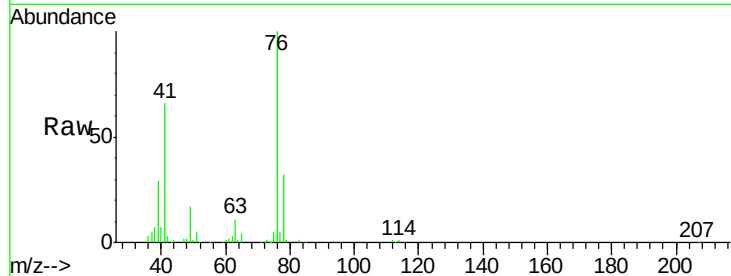




#57
 1,3-Dichloropropane
 Concen: 19.177 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

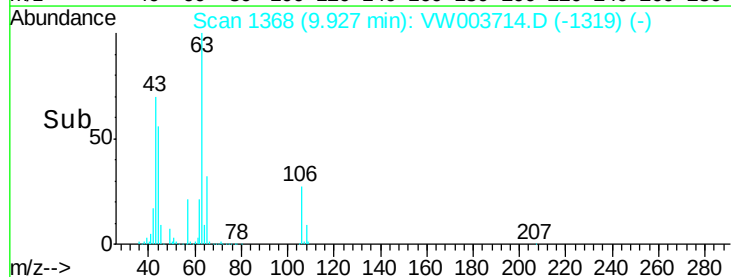
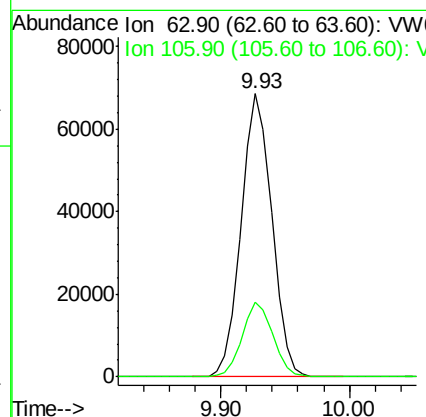
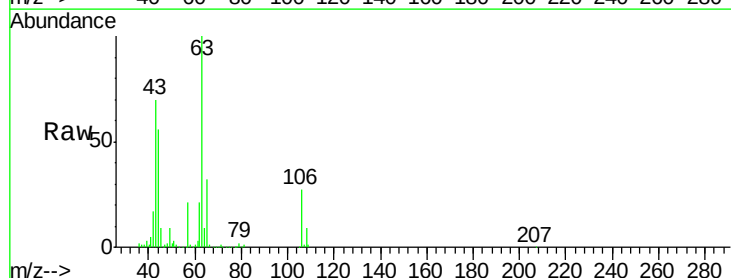
Instrument :
 MSVOA_W
 ClientSampleId :

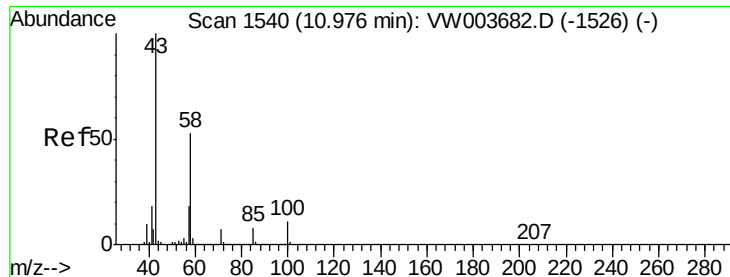
Tot Ion: 76 Resp: 71181
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.846 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion: 63 Resp: 112889
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.7 31.1

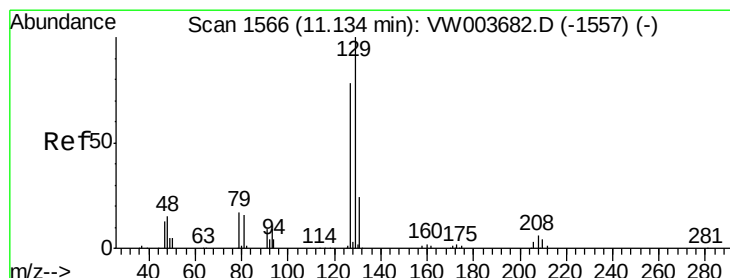
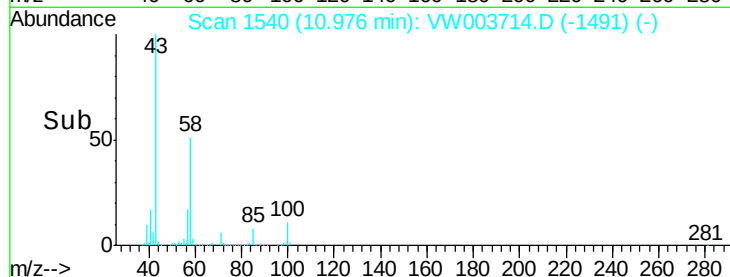
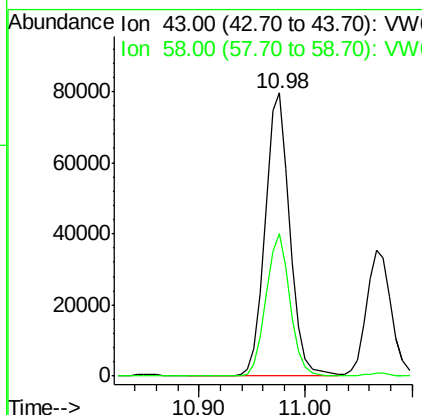
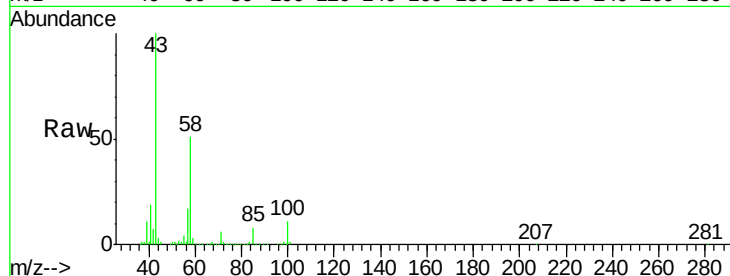




#59
2-Hexanone
Concen: 93.037 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

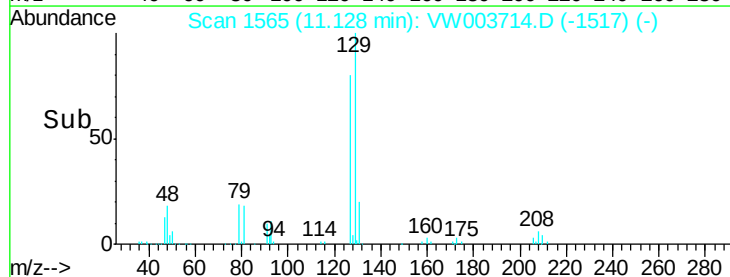
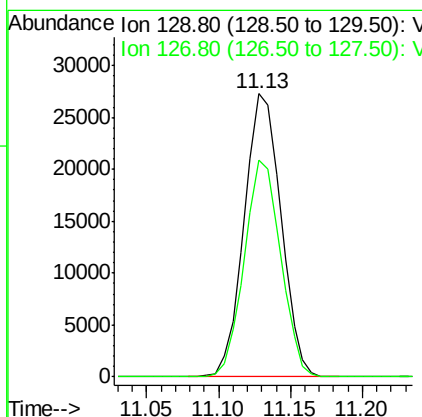
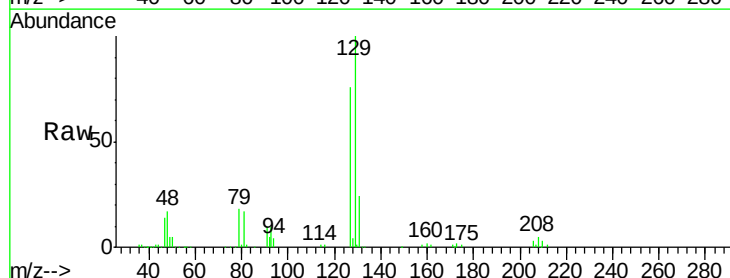
Instrument :
MSVOA_W
ClientSampleId :

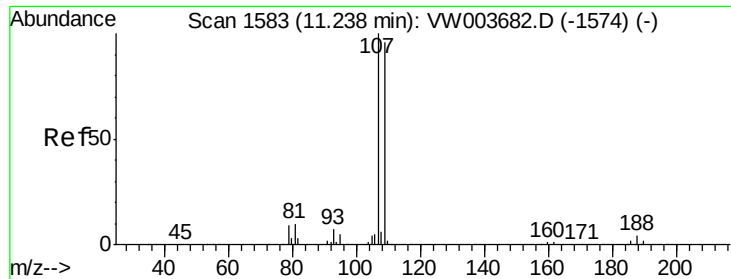
Tot Ion: 43 Resp: 128676
Ion Ratio Lower Upper
43 100
58 49.1 25.9 77.6



#60
Dibromochloromethane
Concen: 19.343 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 129 Resp: 48314
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2

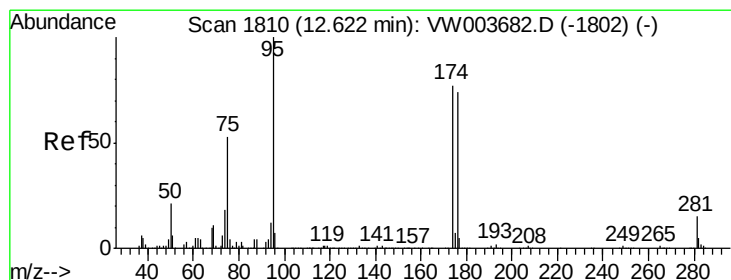
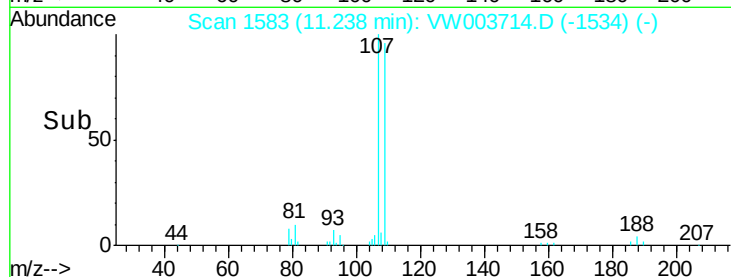
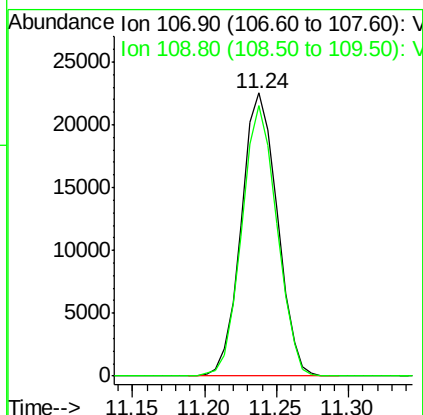
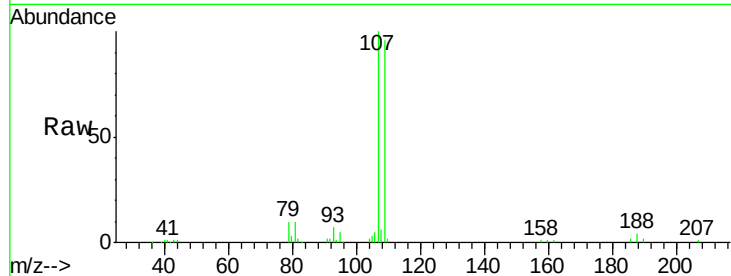




#61
 1,2-Dibromoethane
 Concen: 19.054 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

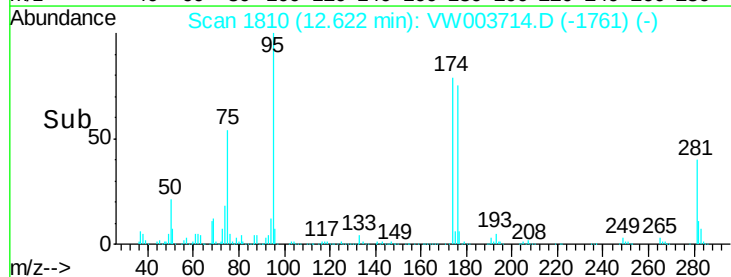
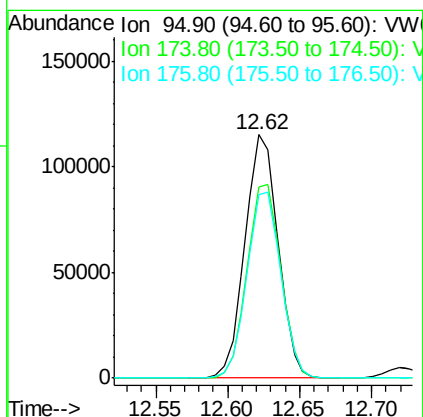
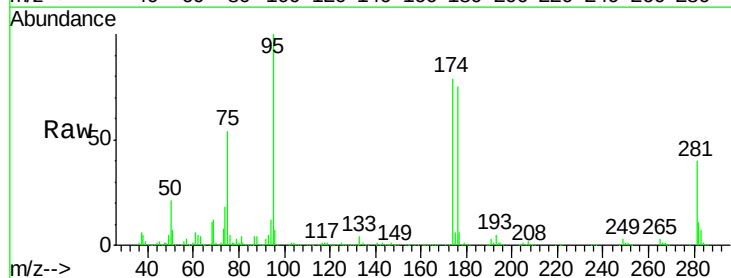
Instrument :
 MSVOA_W
 ClientSampled :

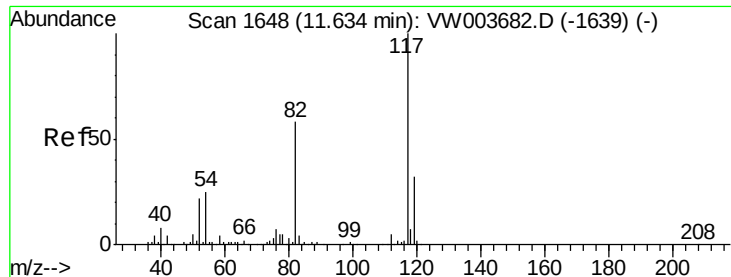
Tot Ion: 107 Resp: 38994
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.900 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion: 95 Resp: 183132
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 161.2
 176 78.0 0.0 155.0

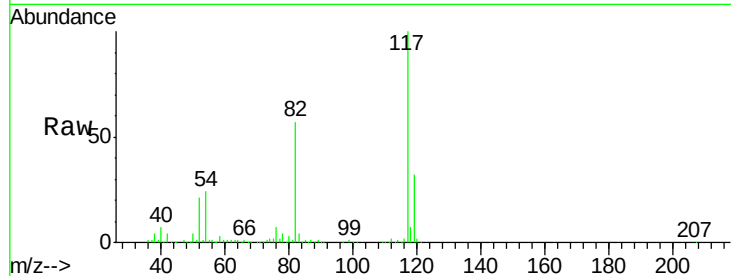




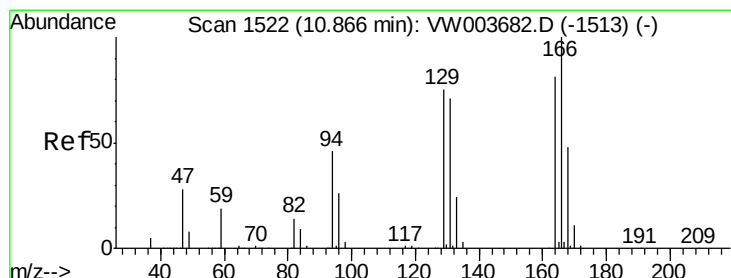
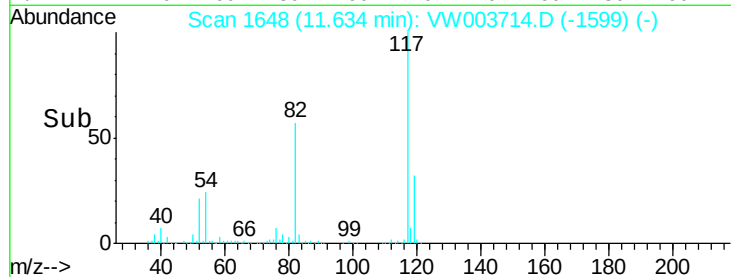
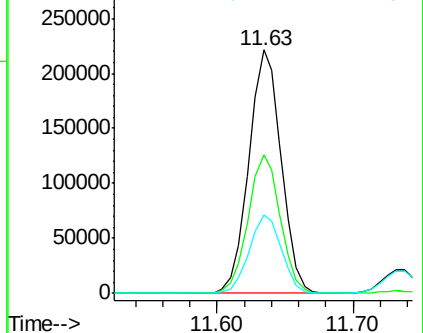
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 368441
Ion Ratio Lower Upper
117 100
82 56.9 46.0 69.0
119 32.0 25.4 38.0

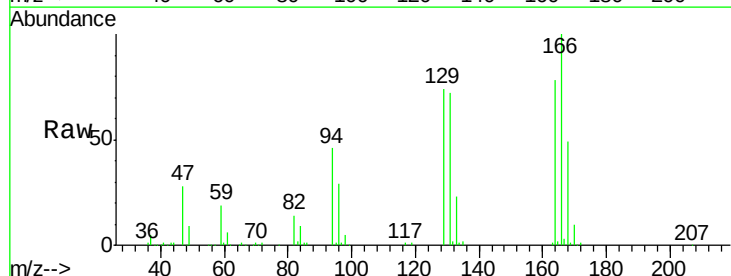


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

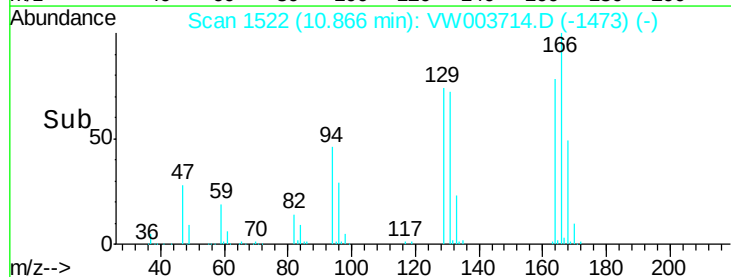
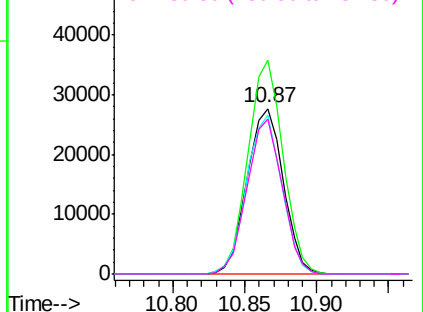


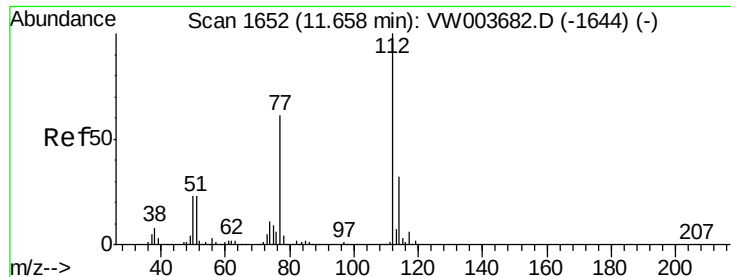
#64
Tetrachloroethene
Concen: 19.368 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion:164 Resp: 48231
Ion Ratio Lower Upper
164 100
166 129.0 99.0 148.4
129 95.9 73.8 110.6
131 93.4 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.686 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

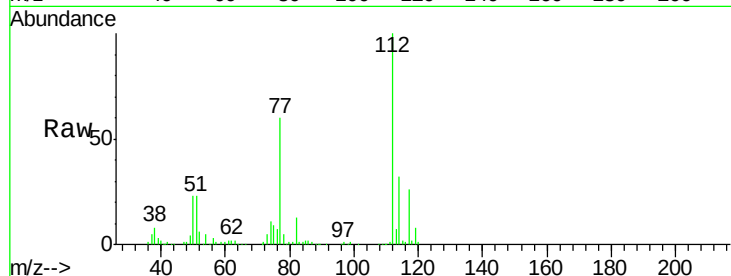
ClientSampled :

Tot Ion:112 Resp: 152489

Ion Ratio Lower Upper

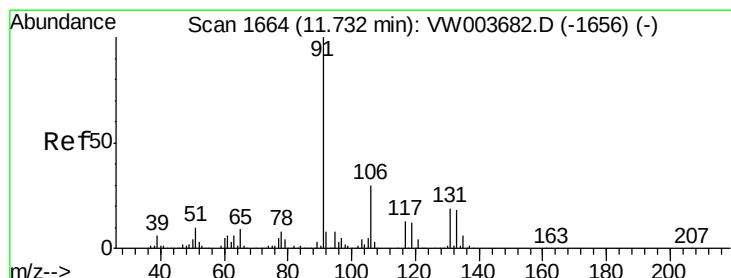
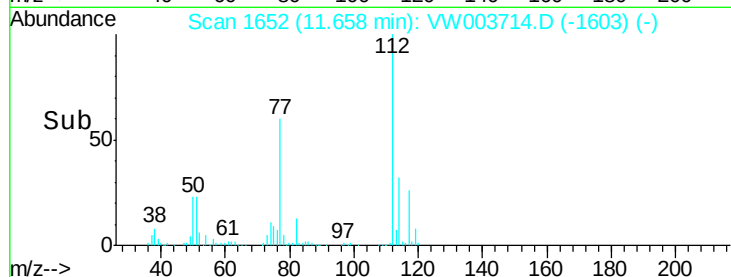
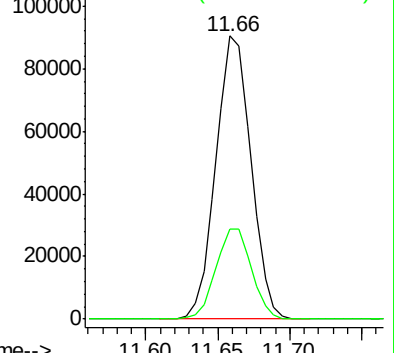
112 100

114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.965 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

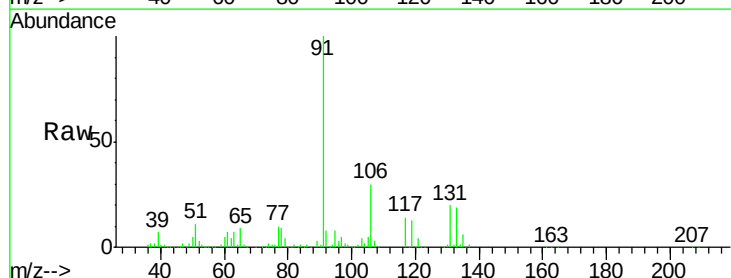
Tgt Ion:131 Resp: 54048

Ion Ratio Lower Upper

131 100

133 94.5 47.6 142.8

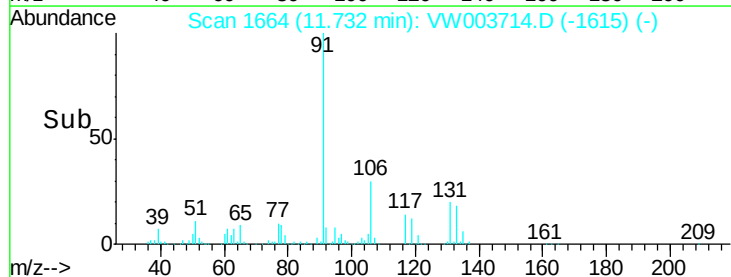
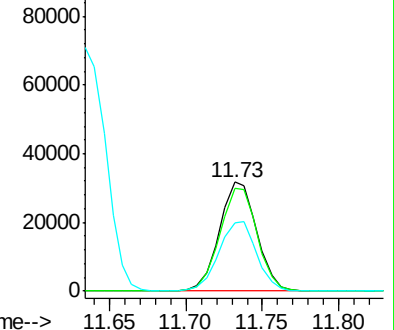
119 64.4 31.9 95.9

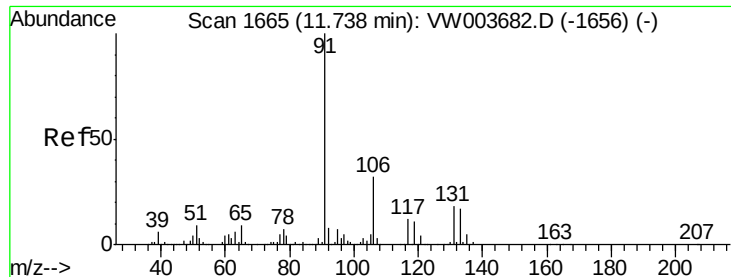


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

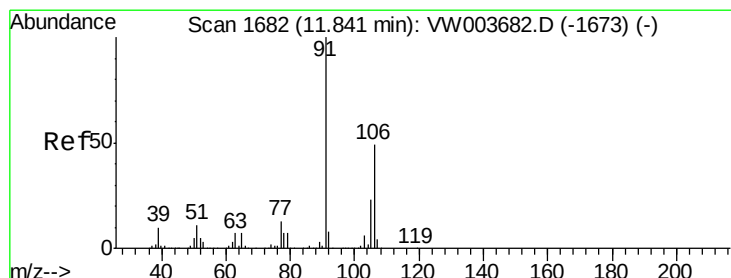
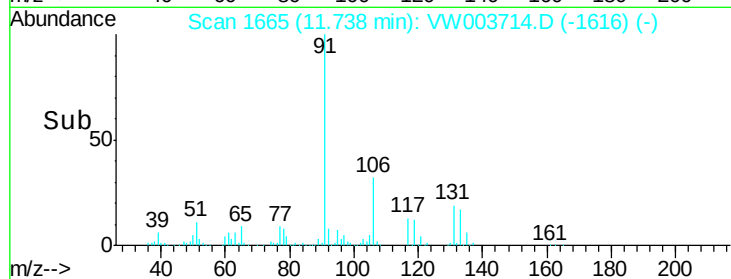
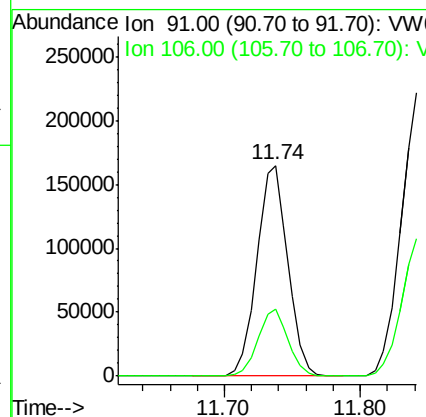
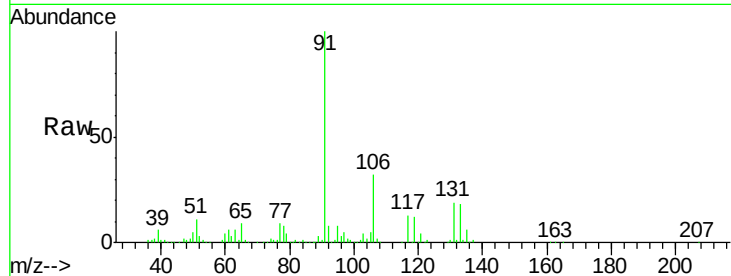




#67
Ethyl Benzene
Concen: 19.360 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

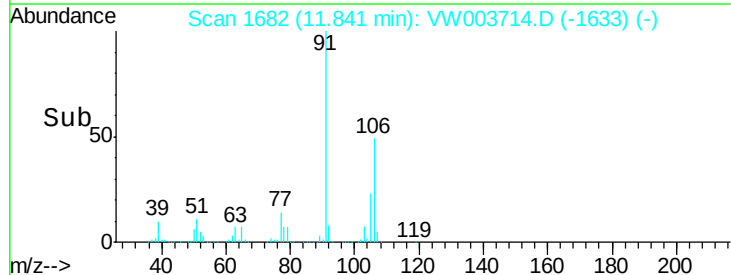
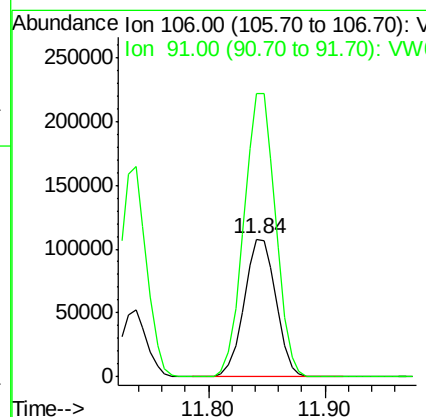
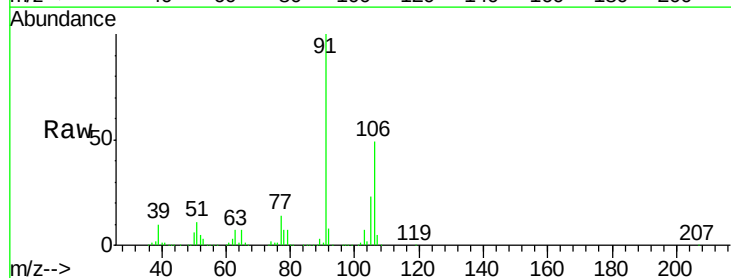
Instrument :
MSVOA_W
ClientSampled :

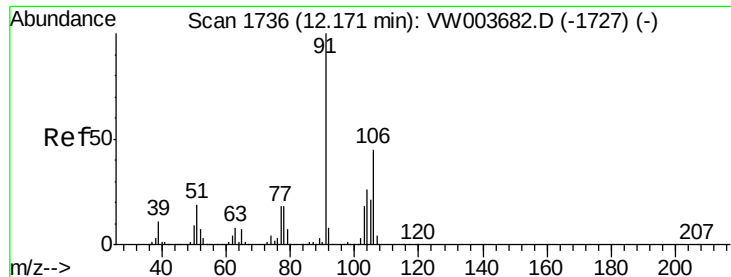
Tot Ion: 91 Resp: 262759
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 39.705 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 106 Resp: 204924
Ion Ratio Lower Upper
106 100
91 205.3 163.7 245.5

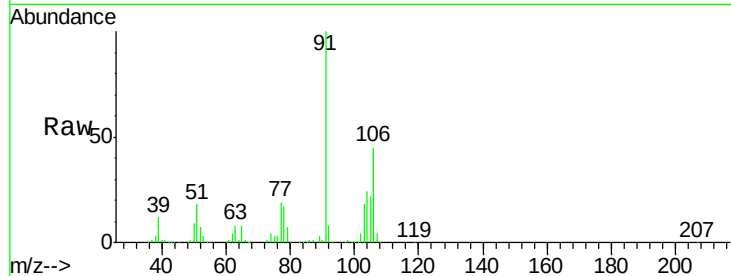




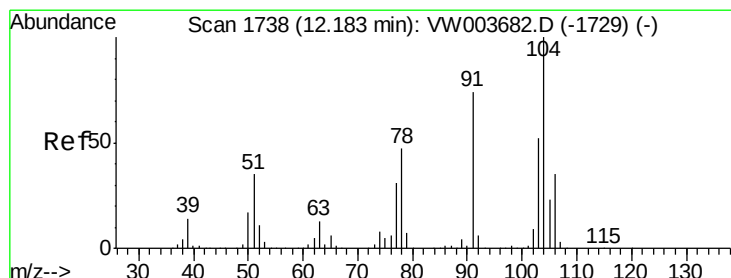
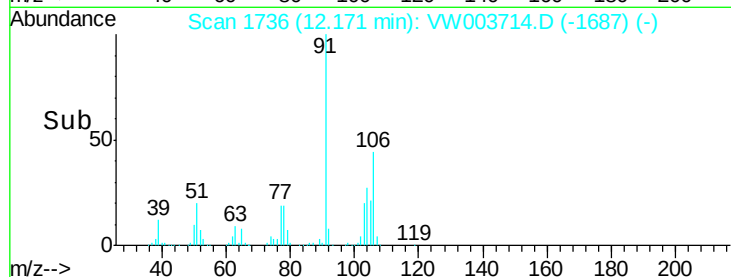
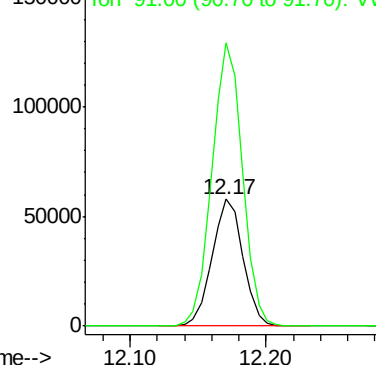
#69
o-Xylene
Concen: 19.285 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 92014
Ion Ratio Lower Upper
106 100
91 219.9 109.3 327.8

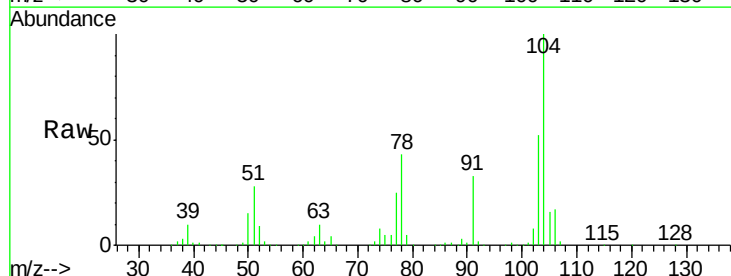


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

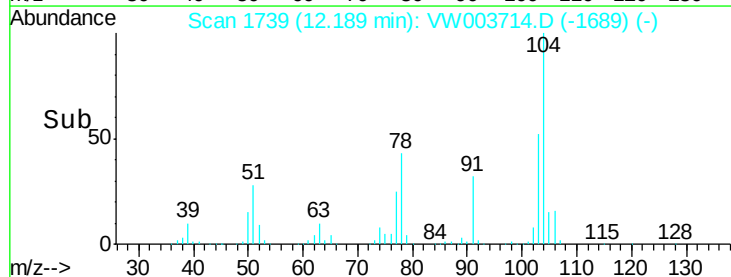
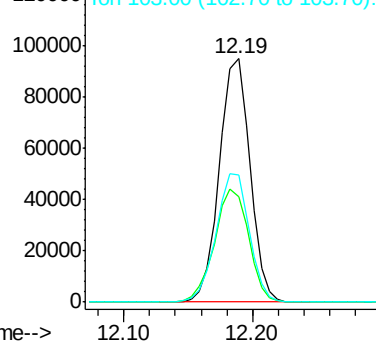


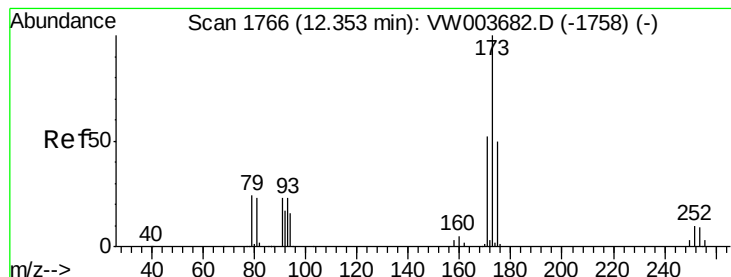
#70
Styrene
Concen: 19.479 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion:104 Resp: 156098
Ion Ratio Lower Upper
104 100
78 51.9 40.2 60.4
103 57.0 44.4 66.6



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





#71

Bromoform

Concen: 18.942 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampled :

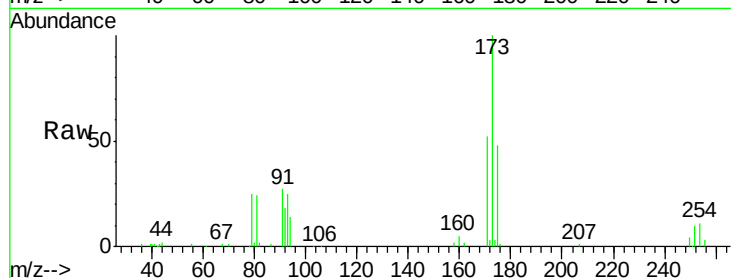
Tot Ion:173 Resp: 28492

Ion Ratio Lower Upper

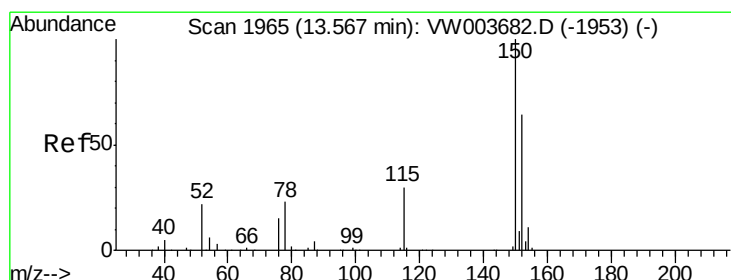
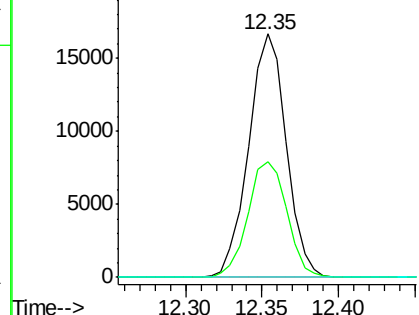
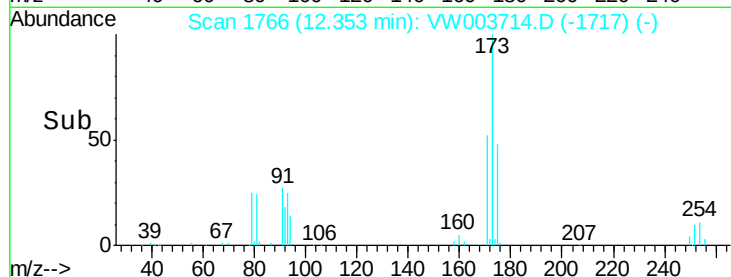
173 100

175 49.3 24.5 73.5

254 0.0 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: VW003714.D

Acq: 05 Jul 2018 12:15

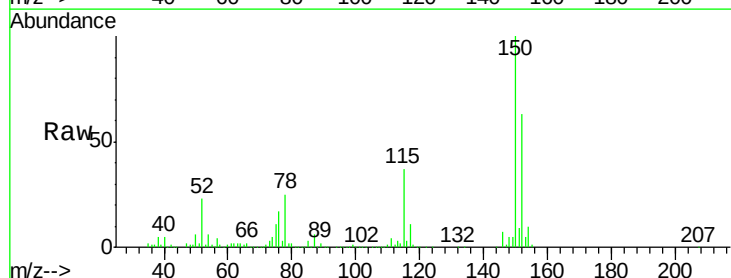
Tgt Ion:152 Resp: 198879

Ion Ratio Lower Upper

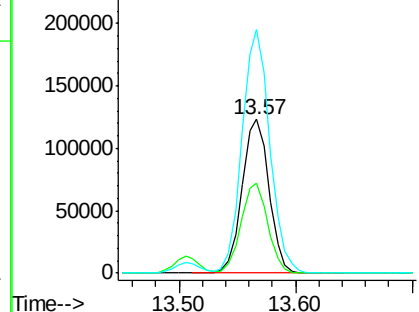
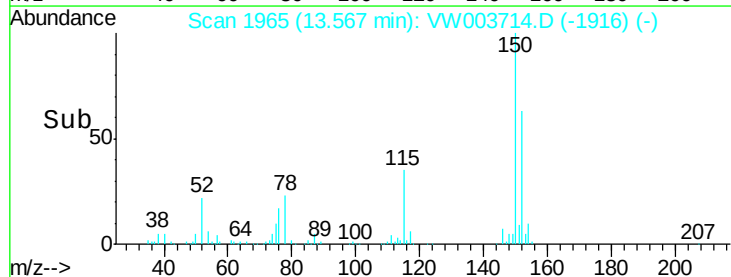
152 100

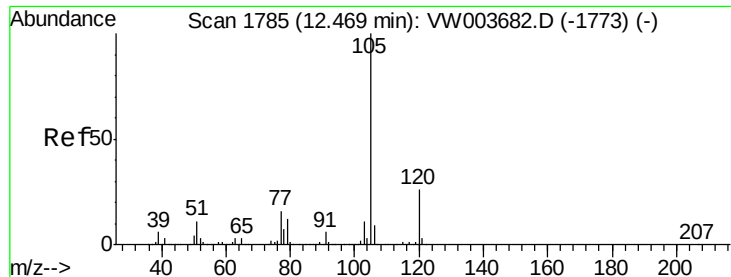
115 57.9 29.3 88.0

150 162.7 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: 19.345 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

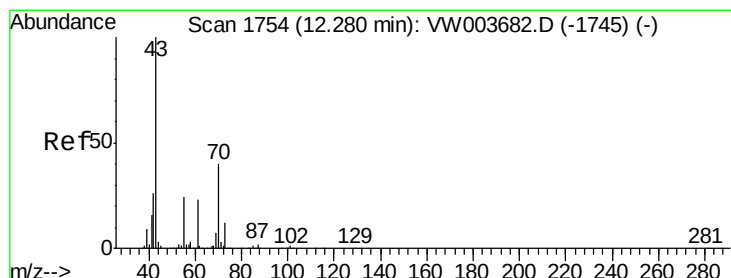
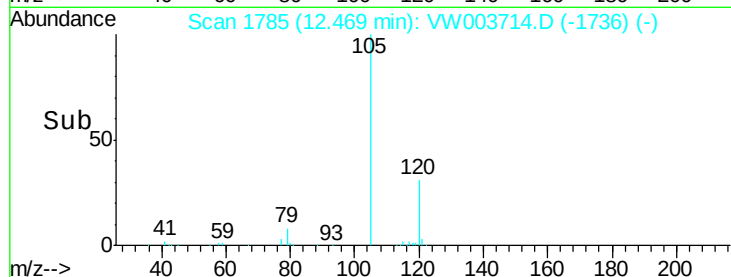
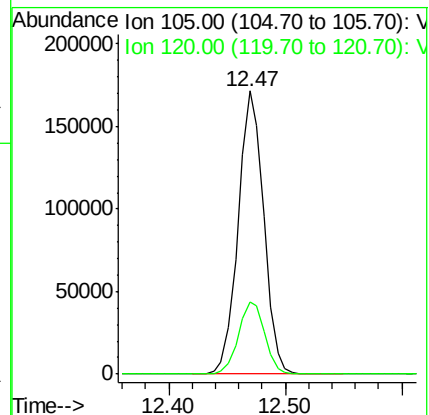
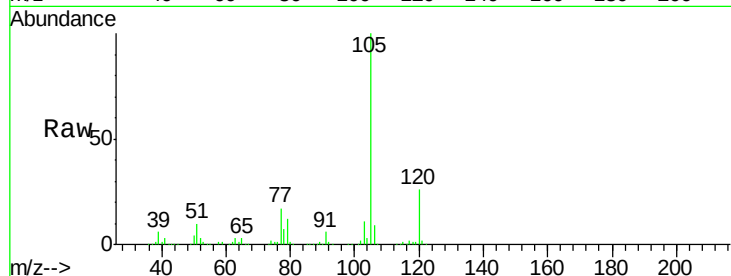
ClientSampleId :

Tot Ion:105 Resp: 261702

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 17.533 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion: 43 Resp: 62631

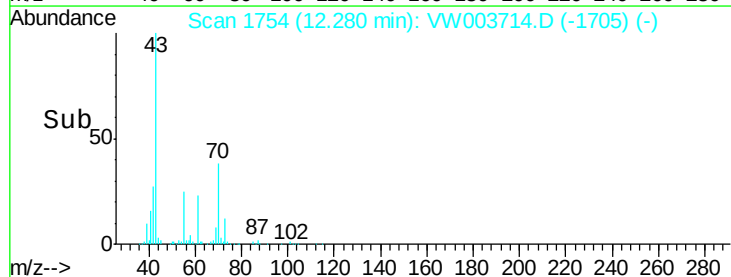
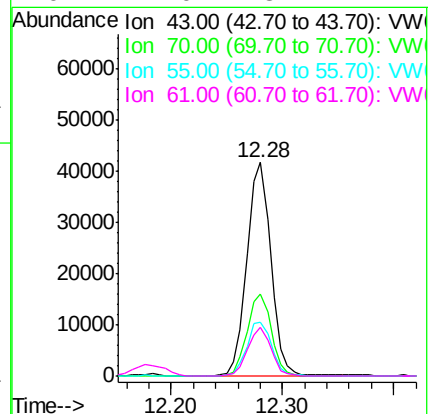
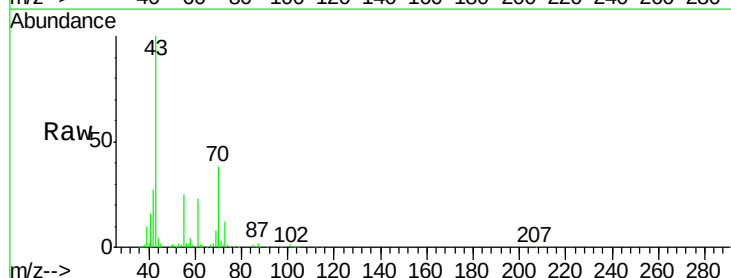
Ion Ratio Lower Upper

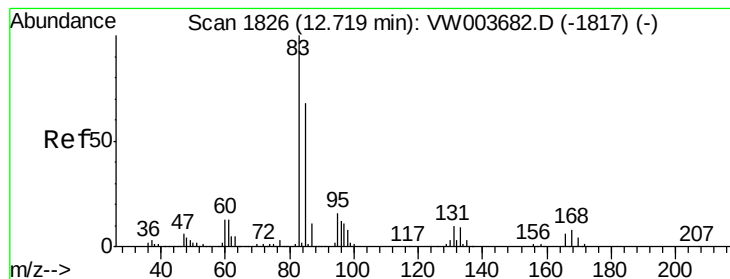
43 100

70 38.5 31.3 46.9

55 26.8 20.1 30.1

61 22.0 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.731 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

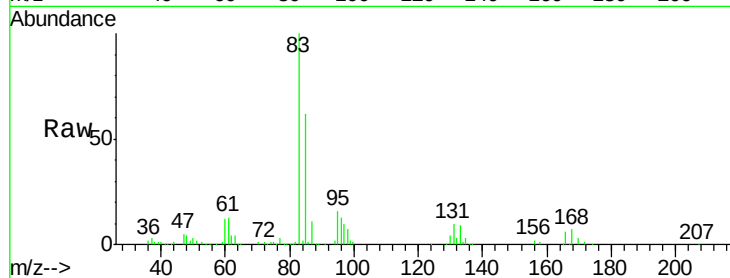
Tot Ion: 83 Resp: 49564

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

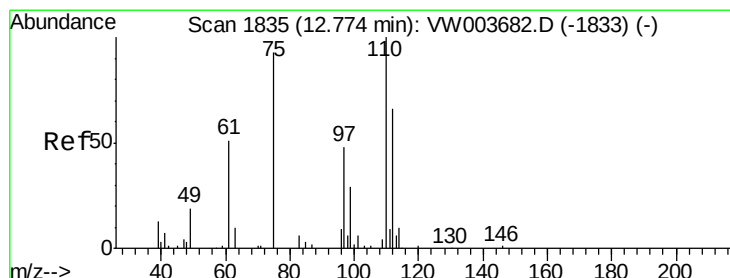
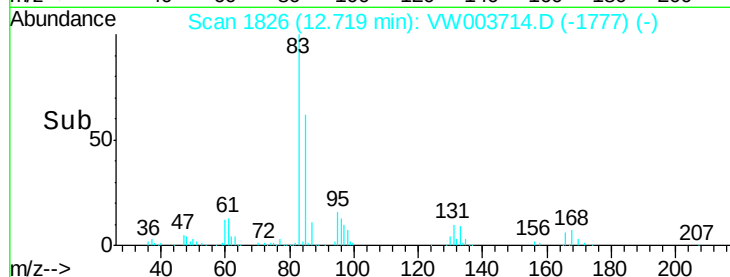
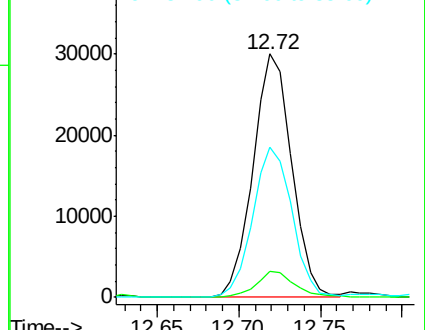
85 62.3 31.9 95.9



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: 36.461 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003714.D

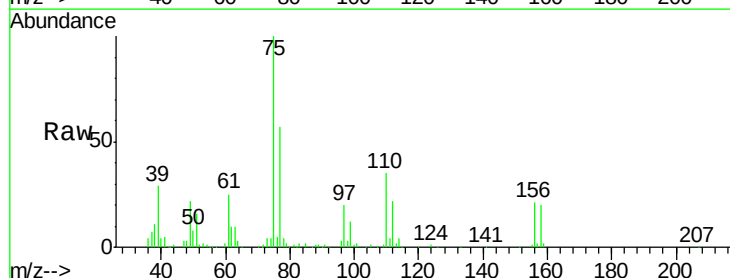
Acq: 05 Jul 2018 12:15

Tgt Ion: 75 Resp: 65199

Ion Ratio Lower Upper

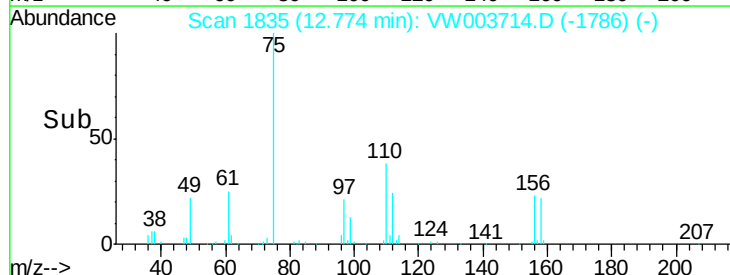
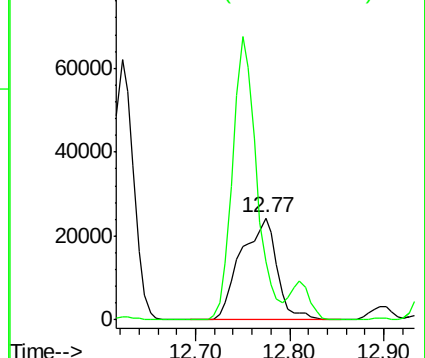
75 100

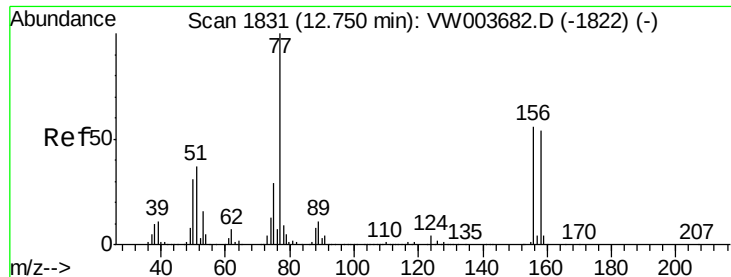
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

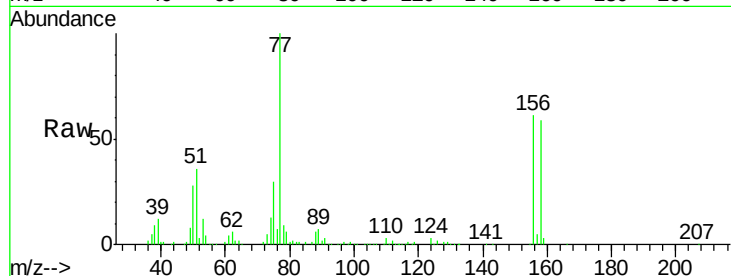




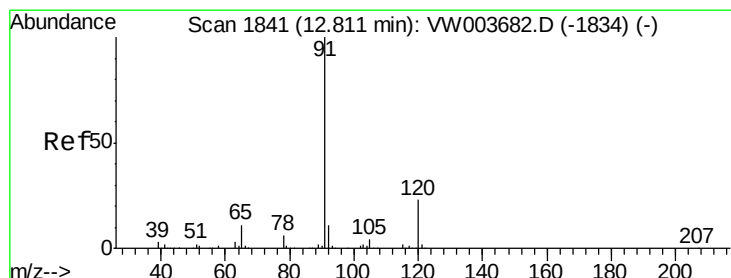
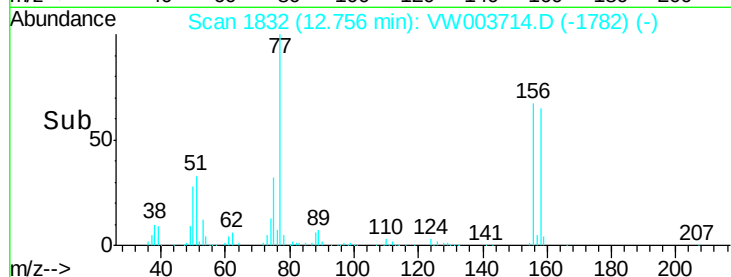
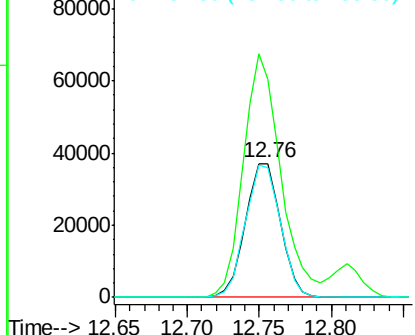
#77
Bromobenzene
Concen: 19.330 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:156 Resp: 62760
Ion Ratio Lower Upper
156 100
77 192.5 95.8 287.4
158 98.2 48.2 144.6

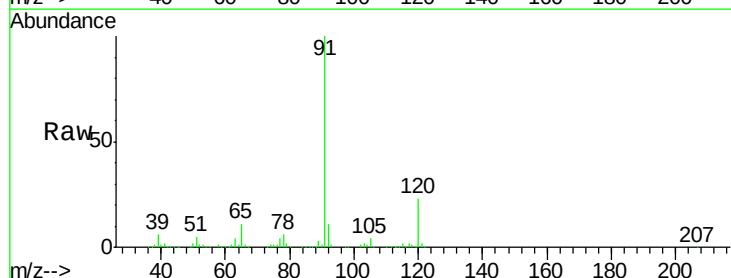


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

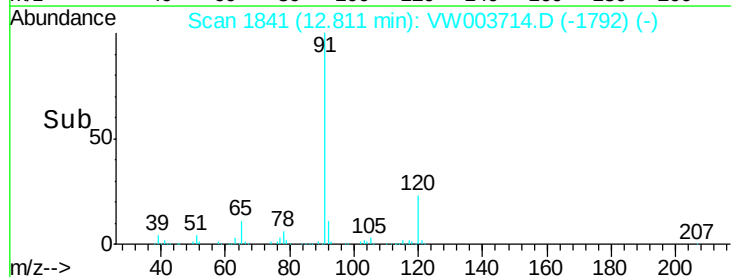
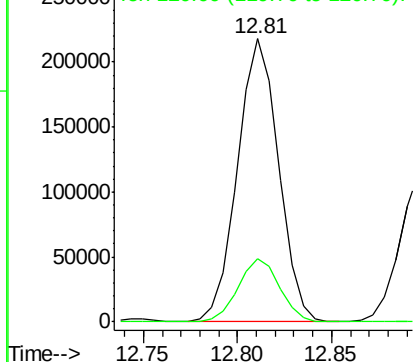


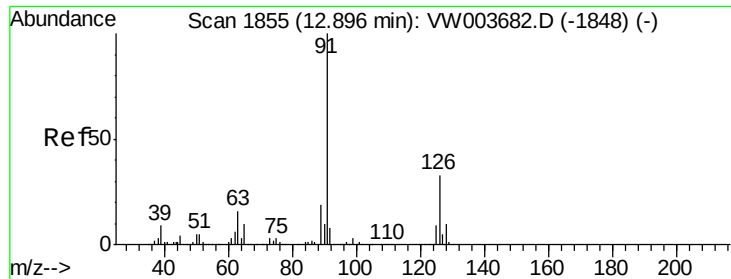
#78
n-propylbenzene
Concen: 19.684 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 91 Resp: 328962
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: 19.264 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

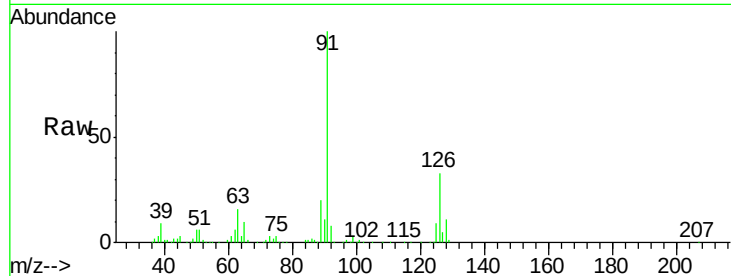
ClientSampleId :

Tot Ion: 91 Resp: 183201

Ion Ratio Lower Upper

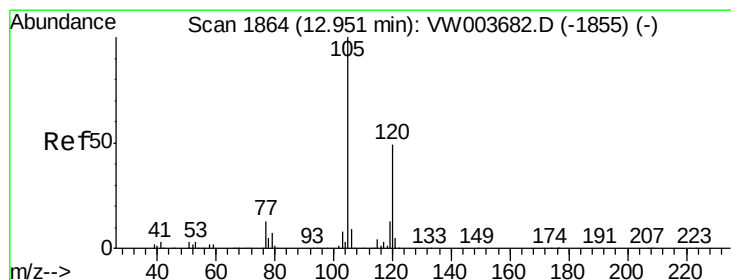
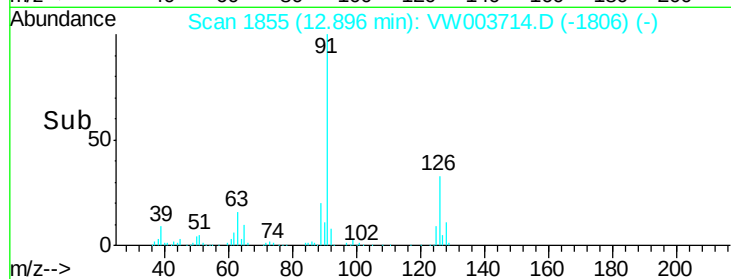
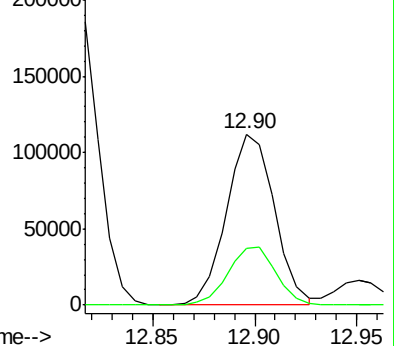
91 100

126 34.3 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: 19.784 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003714.D

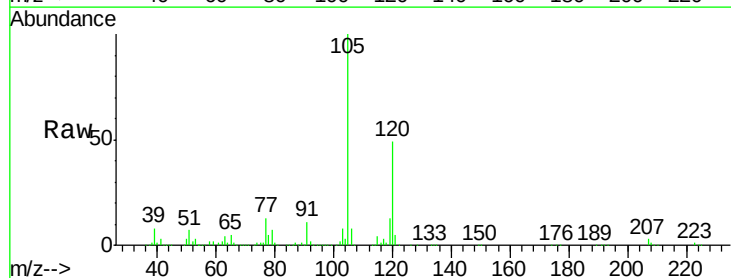
Acq: 05 Jul 2018 12:15

Tgt Ion:105 Resp: 226414

Ion Ratio Lower Upper

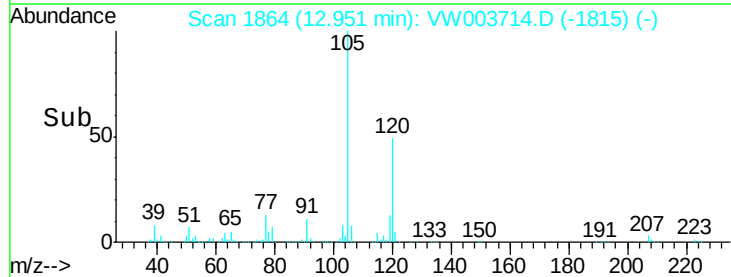
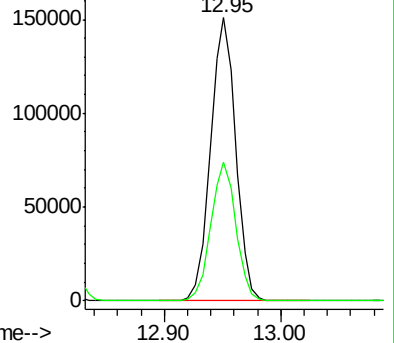
105 100

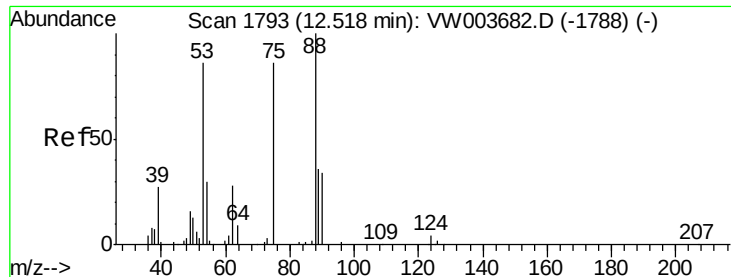
120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

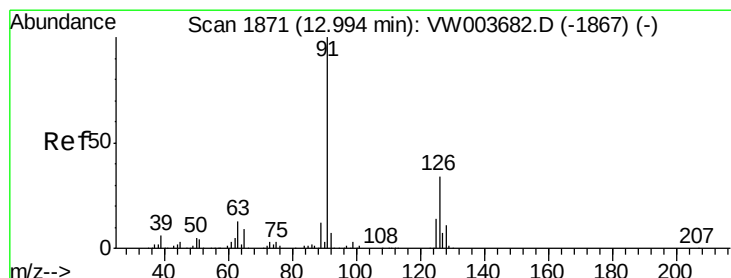
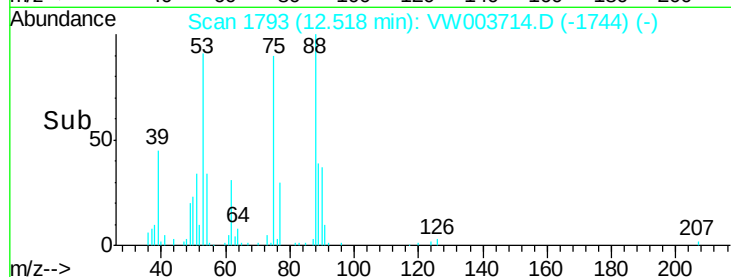
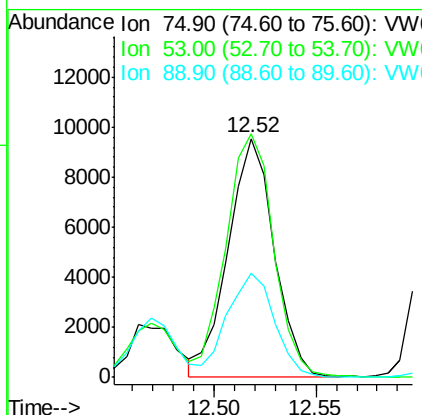
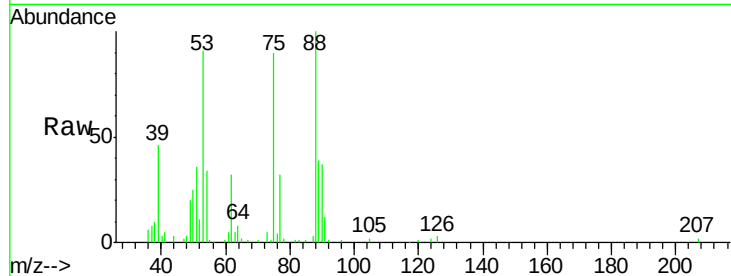




#81
trans-1,4-Dichloro-2-butene
Concen: 17.753 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

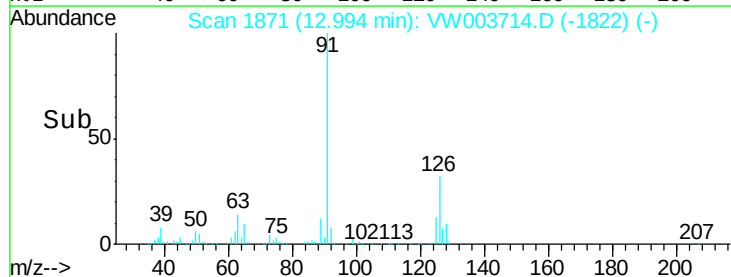
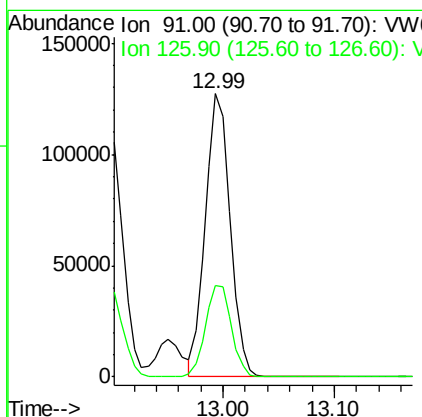
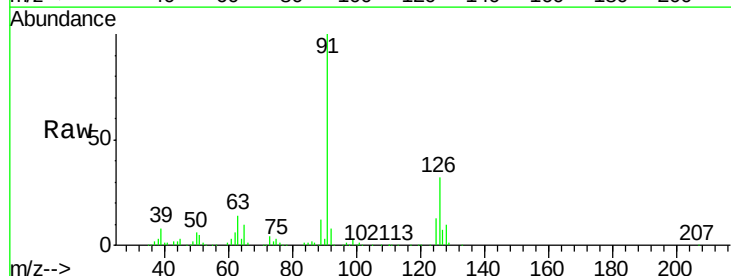
Instrument :
MSVOA_W
ClientSampled :

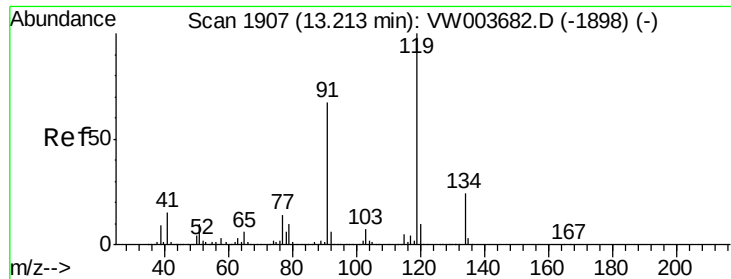
Tot Ion: 75 Resp: 14982
Ion Ratio Lower Upper
75 100
53 105.9 82.4 123.6
89 44.3 35.9 53.9



#82
4-Chlorotoluene
Concen: 19.550 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 91 Resp: 197368
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9

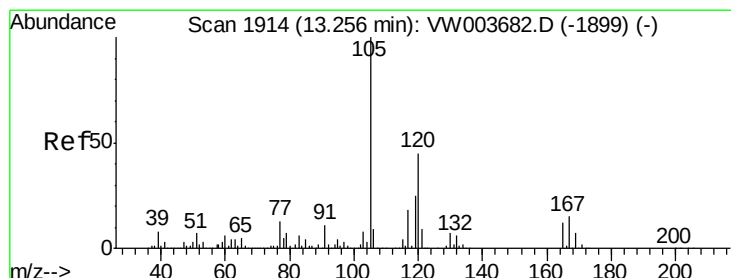
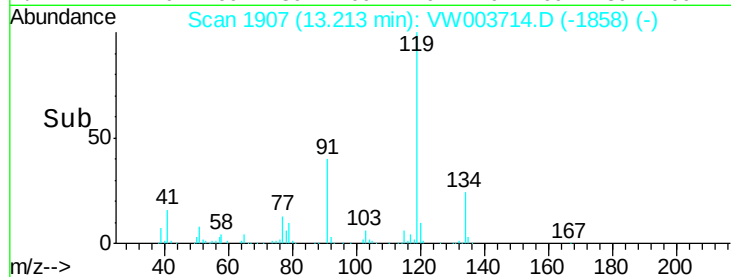
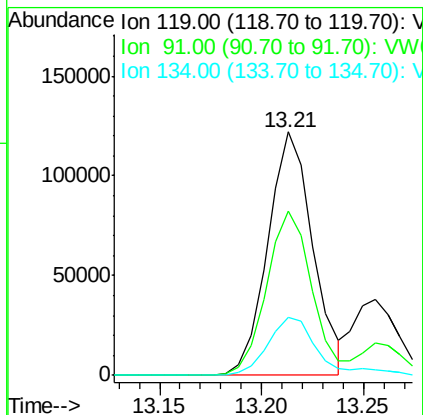
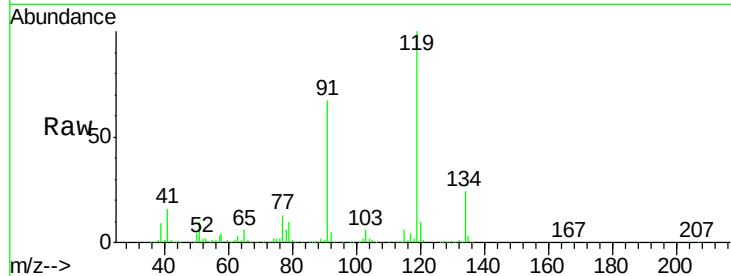




#83
tert-Butylbenzene
Concen: 19.465 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

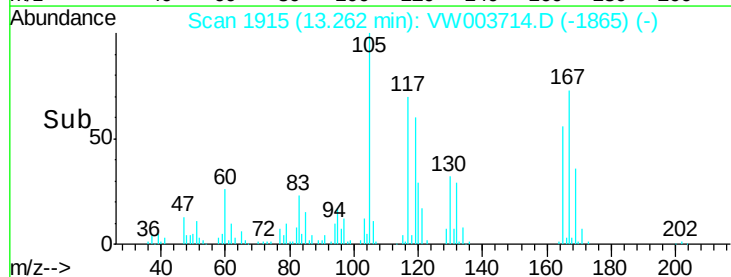
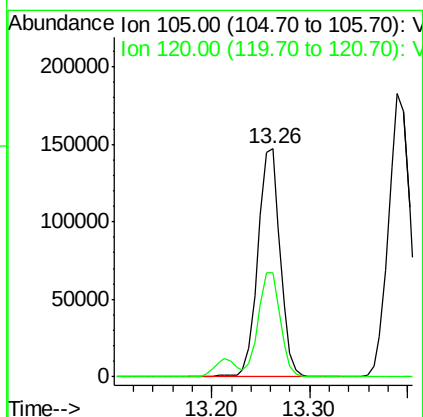
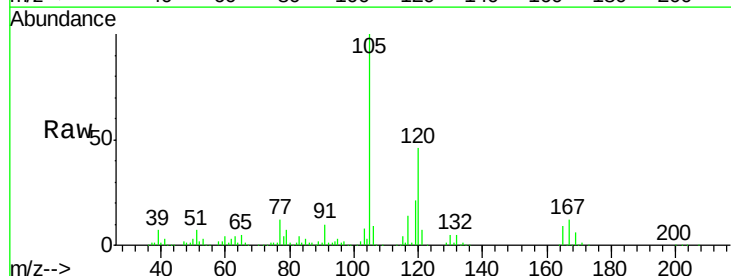
Instrument :
MSVOA_W
ClientSampled :

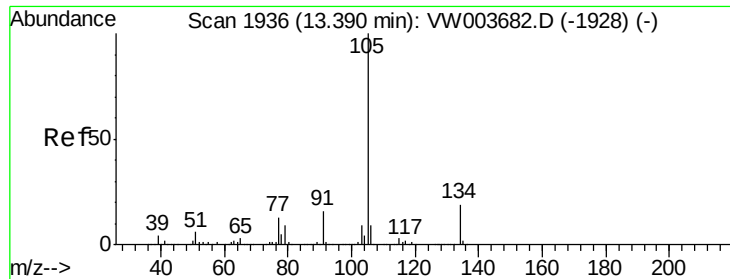
Tot Ion:119 Resp: 187910
Ion Ratio Lower Upper
119 100
91 68.6 33.8 101.3
134 26.8 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 19.836 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion:105 Resp: 233702
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3

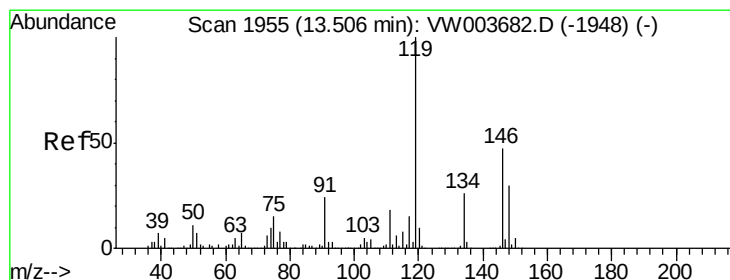
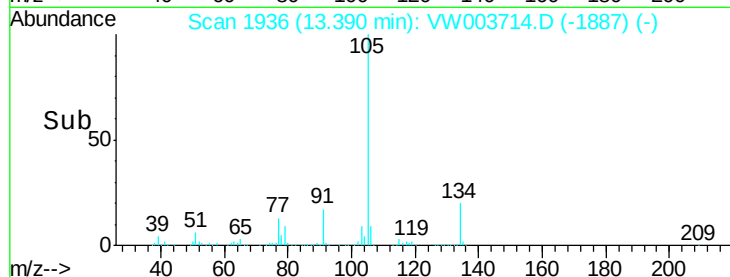
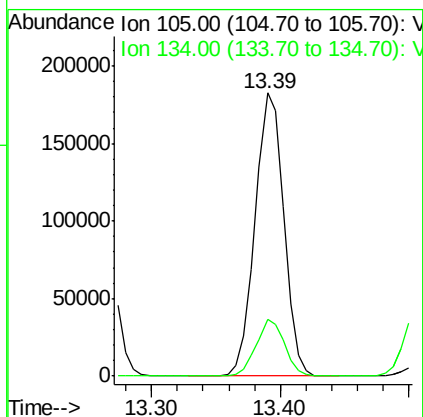
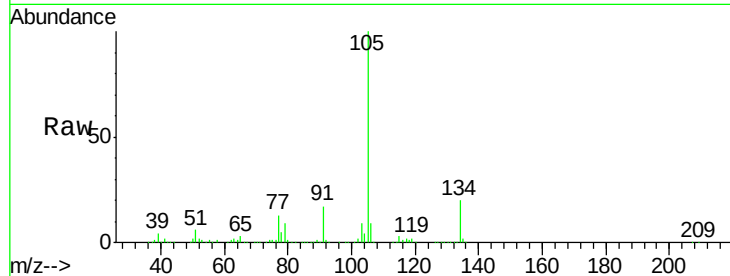




#85
 sec-Butylbenzene
 Concen: 19.526 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

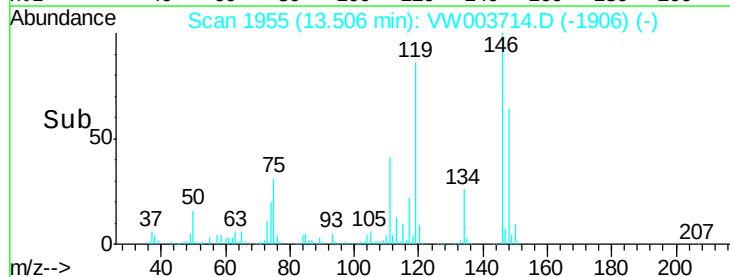
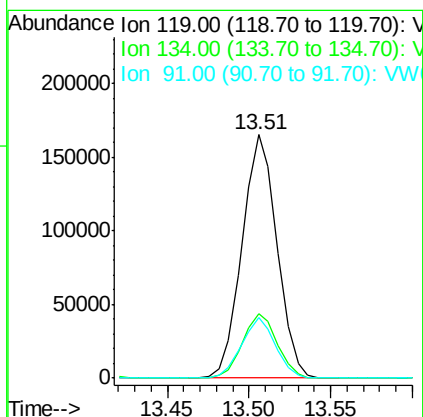
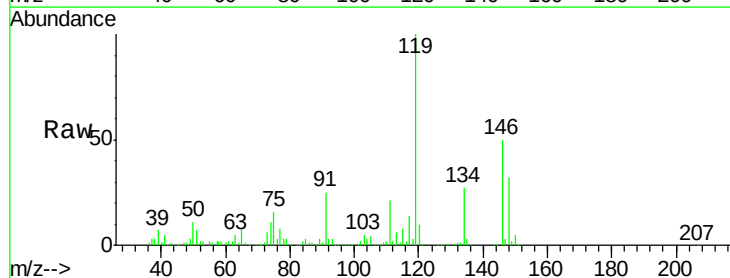
Instrument :
 MSVOA_W
 ClientSampleId :

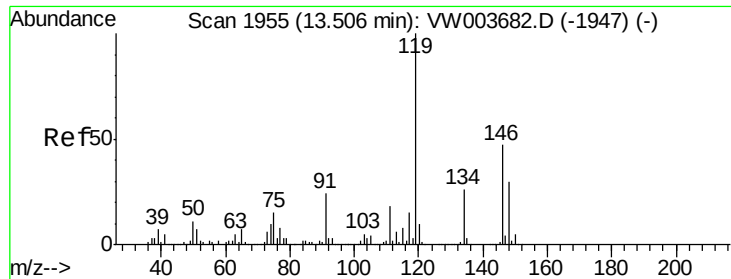
Tot Ion:105 Resp: 280486
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.596 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion:119 Resp: 246223
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 24.3 11.8 35.4

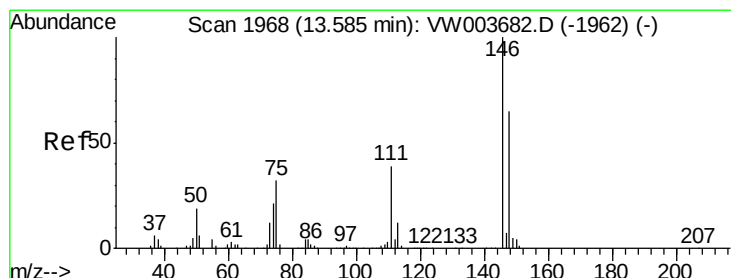
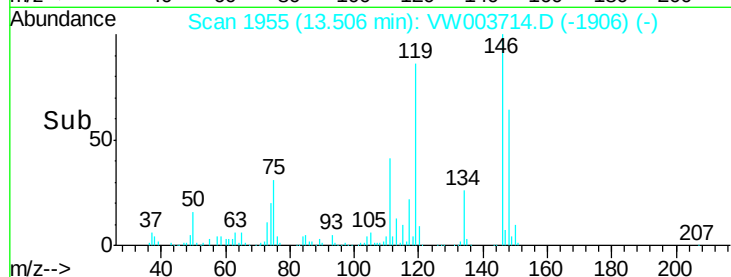
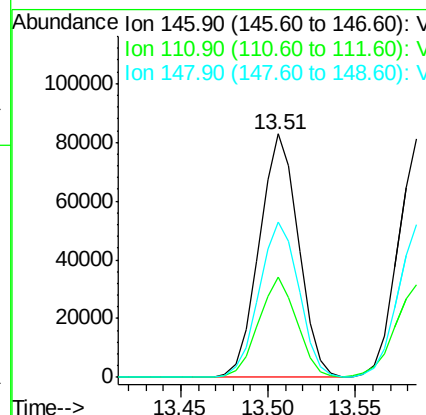
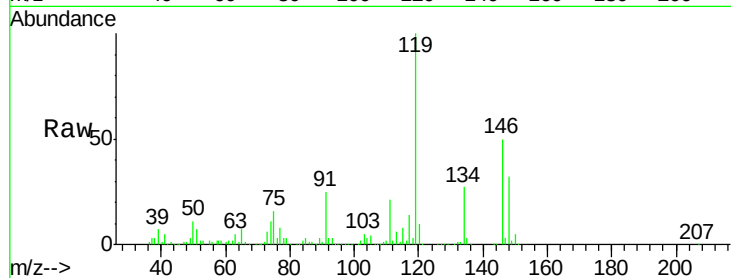




#87
 1,3-Dichlorobenzene
 Concen: 19.568 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

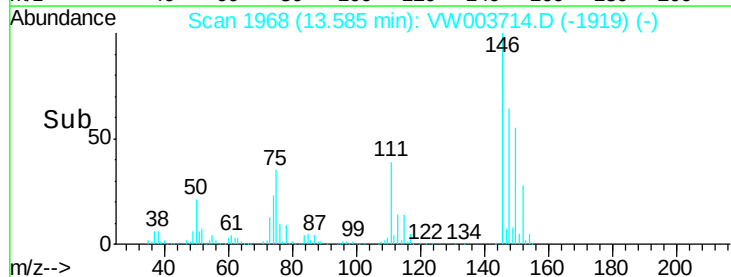
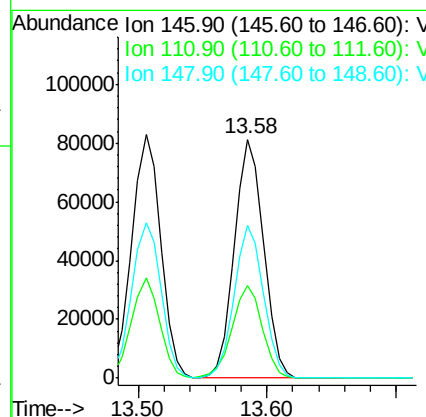
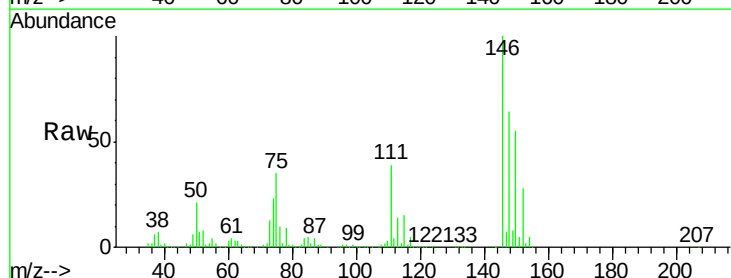
Instrument :
 MSVOA_W
 ClientSampleId :

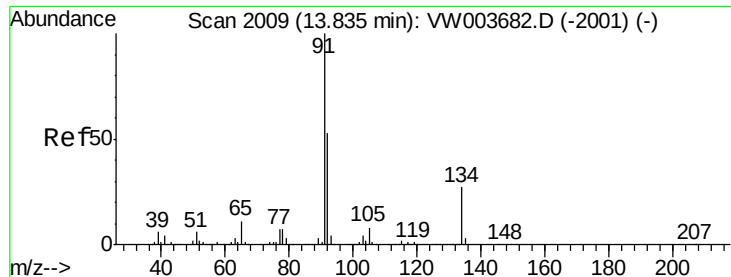
Tot Ion:146 Resp: 128941
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 64.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.621 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion:146 Resp: 129194
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.3 57.9
 148 63.8 32.3 96.9

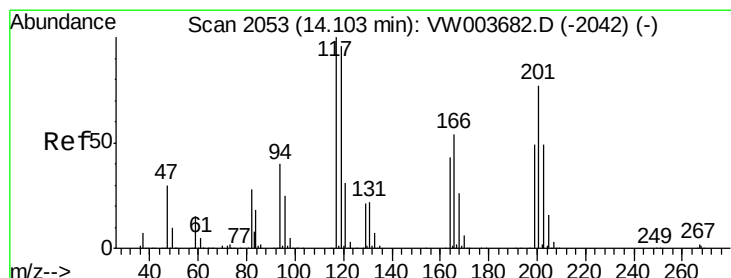
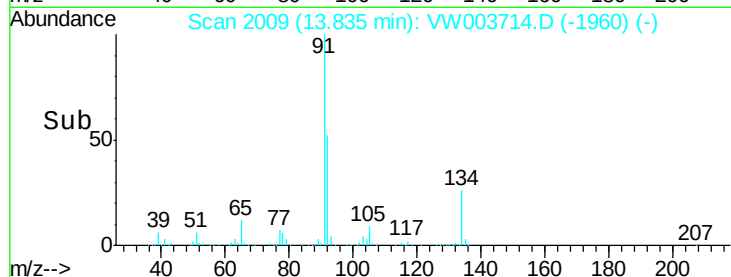
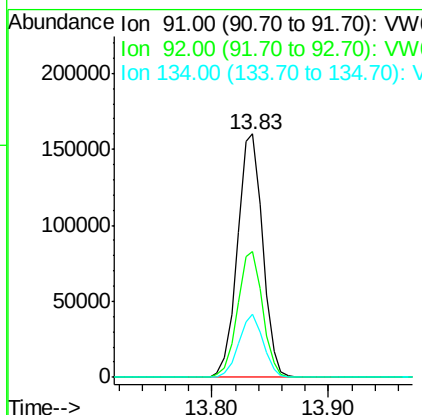
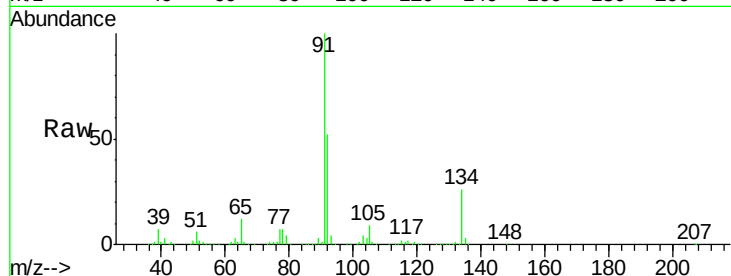




#89
n-Butylbenzene
Concen: 19.447 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

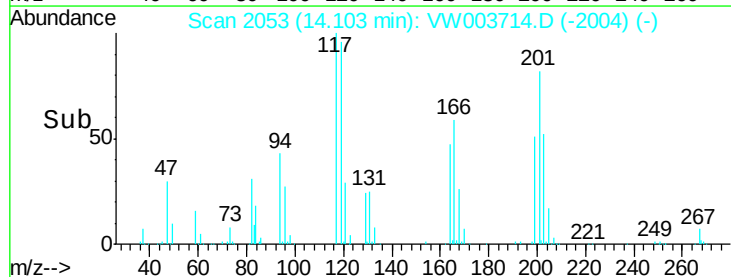
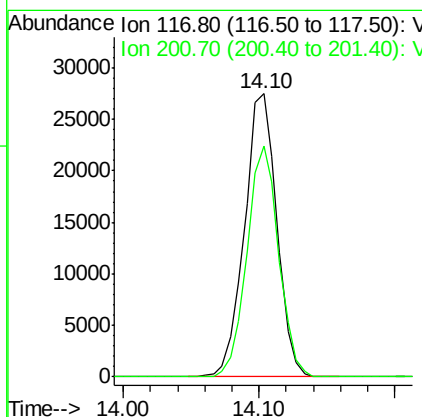
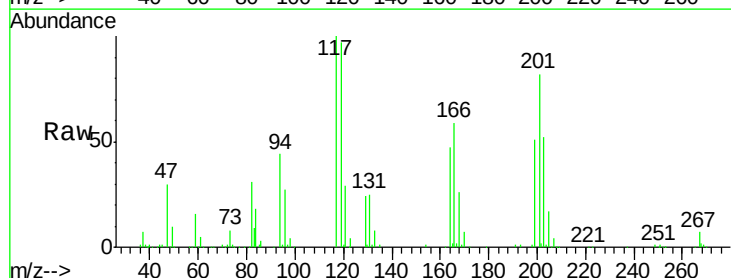
Instrument :
MSVOA_W
ClientSampleId :

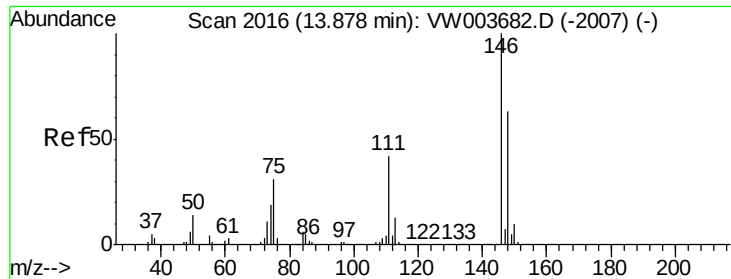
Tot Ion: 91 Resp: 241580
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.2
134 25.1 12.7 38.1



#90
Hexachloroethane
Concen: 19.643 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 117 Resp: 45854
Ion Ratio Lower Upper
117 100
201 79.7 39.1 117.2

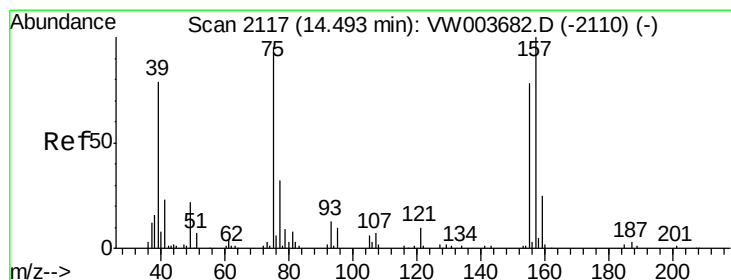
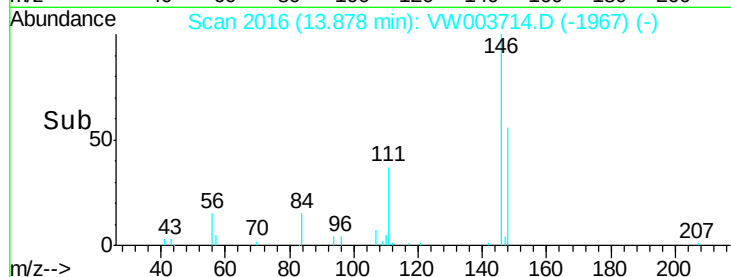
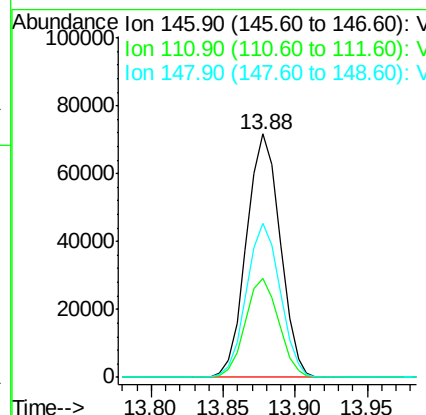
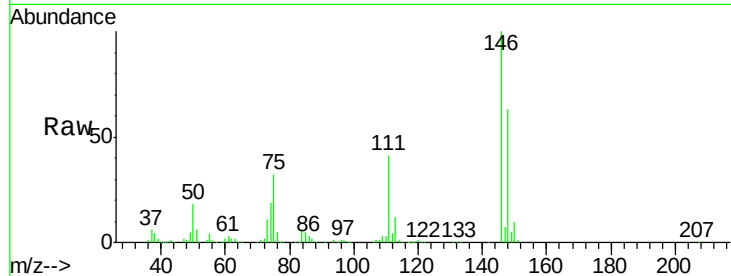




#91
 1,2-Dichlorobenzene
 Concen: 19.777 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

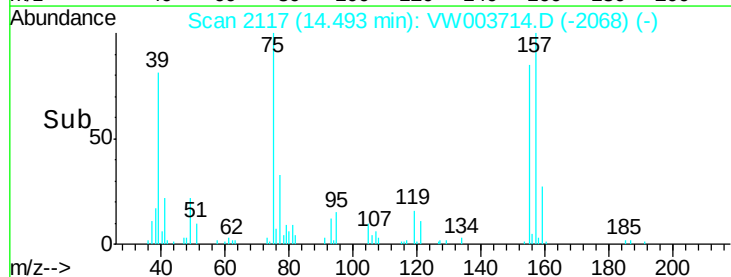
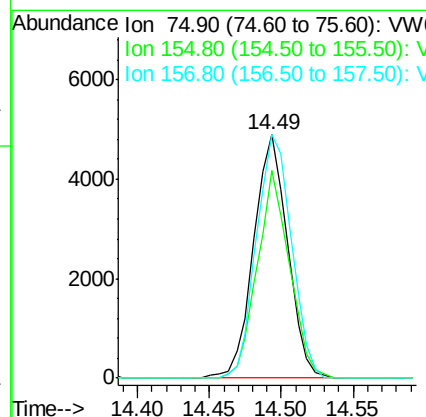
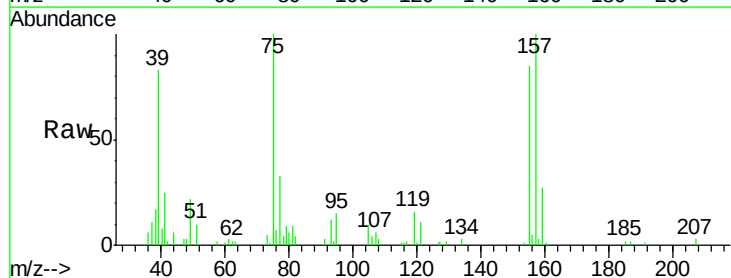
Instrument :
 MSVOA_W
 ClientSampleId :

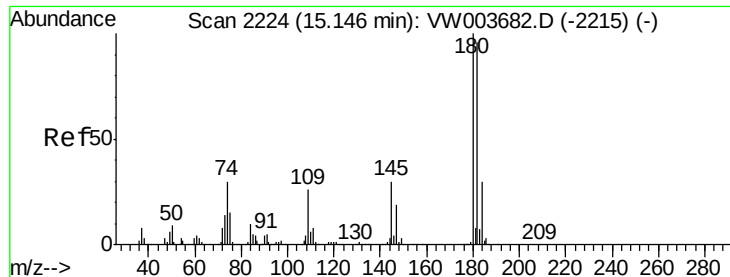
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	62.9	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.183 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	40.2	120.6
157	103.6	50.7	152.3

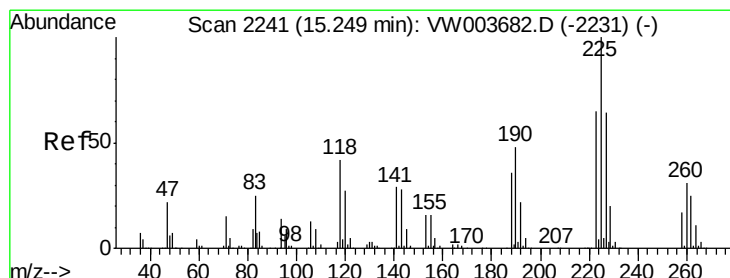
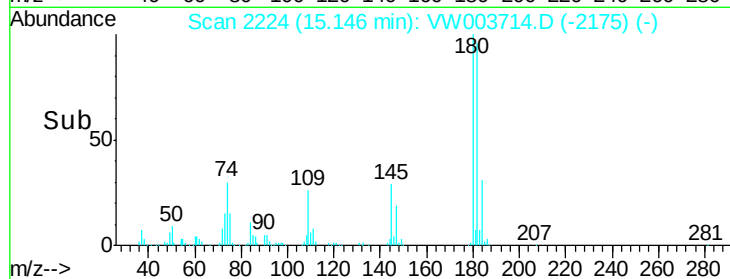
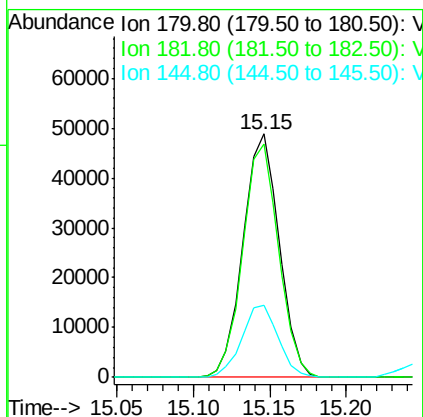
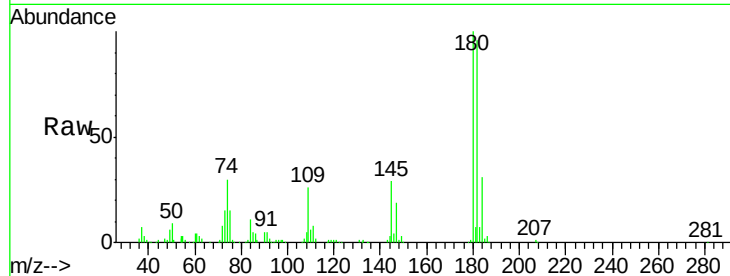




#93
 1,2,4-Trichlorobenzene
 Concen: 19.306 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

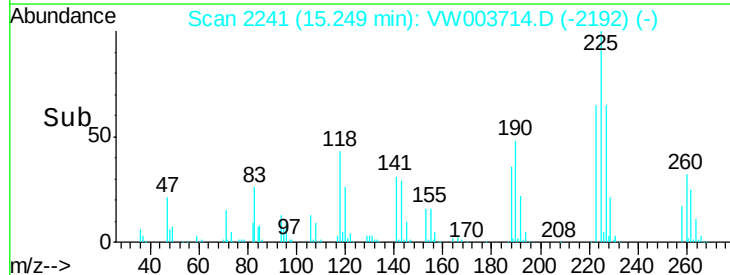
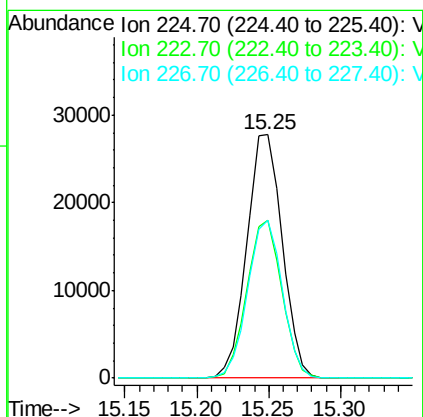
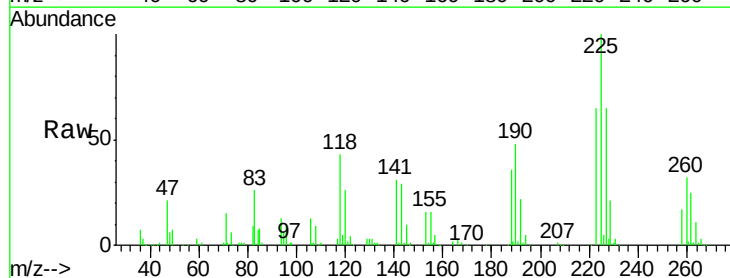
Instrument :
 MSVOA_W
 ClientSampleId :

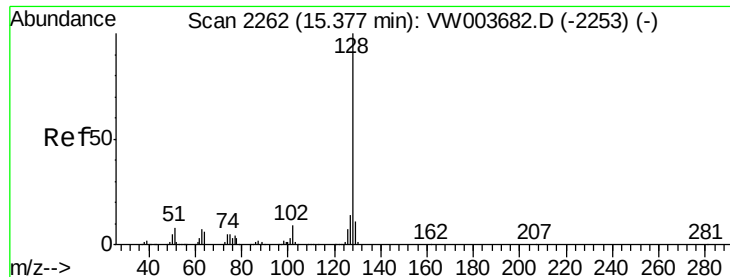
Tot Ion:180 Resp: 80204
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.6 142.8
 145 30.0 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 19.668 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion:225 Resp: 47190
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.0 96.2
 227 63.3 31.9 95.7





#95

Naphthalene

Concen: 17.943 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

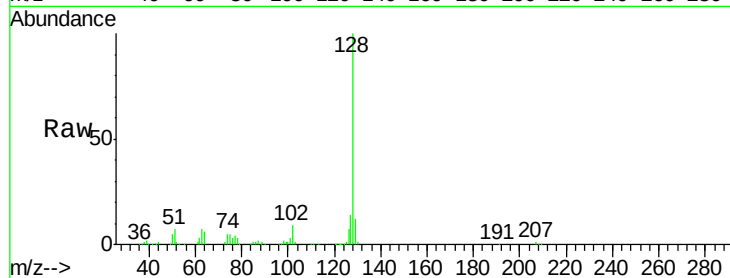
Tot Ion:128 Resp: 135186

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

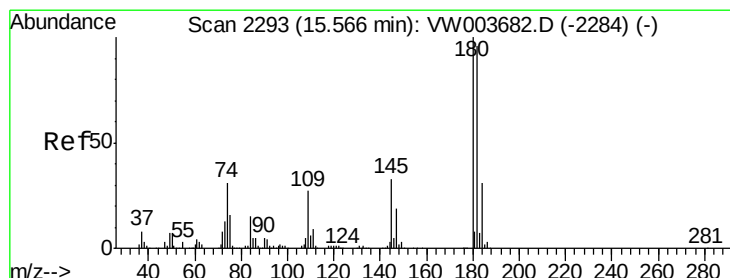
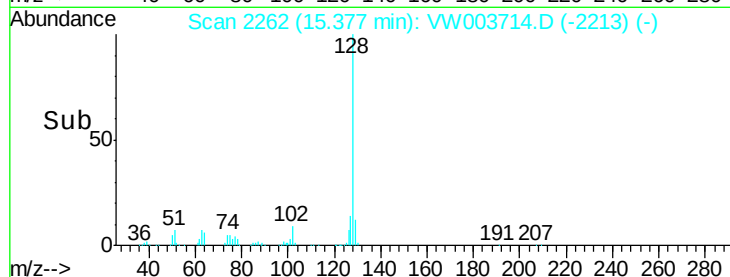
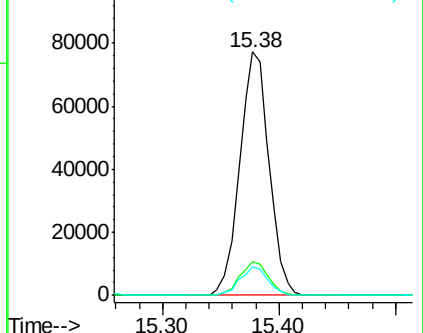
129 11.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.112 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

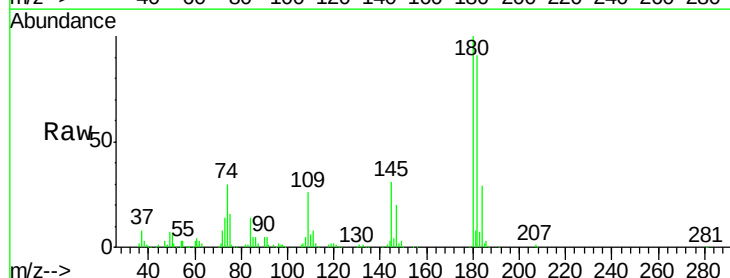
Tgt Ion:180 Resp: 70725

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.3

145 32.0 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

