

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003715.D
 Acq On : 05 Jul 2018 12:41
 Operator : SY/AP
 Sample : VW0705SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:34:25 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	263953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	381160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	204282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150250	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.88	113	133626	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.33	98	532004	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	191547	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	21968	18.737	ug/l 99
3) Chloromethane	2.21	50	34999	16.646	ug/l 100
4) Vinyl Chloride	2.36	62	49240	17.164	ug/l 97
5) Bromomethane	2.78	94	32919	17.502	ug/l 100
6) Chloroethane	2.92	64	30926	17.916	ug/l 99
7) Trichlorofluoromethane	3.25	101	27540	18.053	ug/l 85
8) Diethyl Ether	3.67	74	26478	18.759	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48942	19.306	ug/l 99
10) Methyl Iodide	4.26	142	67380	18.100	ug/l 100
11) Tert butyl alcohol	5.21	59	18225	92.554	ug/l # 83
12) 1,1-Dichloroethene	4.03	96	46693	18.480	ug/l 94
13) Acrolein	3.89	56	10740	112.406	ug/l 89
14) Allyl chloride	4.65	41	79996	18.512	ug/l 100
15) Acrylonitrile	5.37	53	59425	90.773	ug/l 100
16) Acetone	4.14	43	67002	89.196	ug/l 99
17) Carbon Disulfide	4.37	76	128635	16.959	ug/l 99
18) Methyl Acetate	4.68	43	29953	18.813	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	90425	18.321	ug/l 97
20) Methylene Chloride	4.90	84	64252	20.349	ug/l 99
21) trans-1,2-Dichloroethene	5.41	96	49878	18.024	ug/l 94
22) Diisopropyl ether	6.31	45	169676	19.151	ug/l 98
23) Vinyl Acetate	6.26	43	490213	90.942	ug/l 100
24) 1,1-Dichloroethane	6.21	63	99954	18.918	ug/l 99
25) 2-Butanone	7.18	43	85659	89.057	ug/l 98
26) 2,2-Dichloropropane	7.17	77	61688	19.042	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	56386	18.711	ug/l 100
28) Bromochloromethane	7.51	49	45327	19.516	ug/l 98
29) Tetrahydrofuran	7.54	42	50397	87.407	ug/l 100
30) Chloroform	7.68	83	102850	19.251	ug/l 96
31) Cyclohexane	7.95	56	86566	17.994	ug/l 95
32) 1,1,1-Trichloroethane	7.87	97	80461	19.346	ug/l 99
36) 1,1-Dichloropropene	8.09	75	78737	19.025	ug/l 99
37) Ethyl Acetate	7.26	43	36071	17.906	ug/l 99
38) Carbon Tetrachloride	8.07	117	76981	19.553	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003715.D
 Acq On : 05 Jul 2018 12:41
 Operator : SY/AP
 Sample : VW0705SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:34:25 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)
39) Methylcyclohexane	9.34	83	86438	18.137	ug/l	99
40) Benzene	8.32	78	219370	18.859	ug/l	98
41) Methacrylonitrile	7.49	41	22397	19.560	ug/l	93
42) 1,2-Dichloroethane	8.40	62	69165	18.884	ug/l	98
43) Isopropyl Acetate	8.43	43	68332	18.010	ug/l	100
44) Trichloroethene	9.09	130	56497	18.788	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57294	18.987	ug/l	98
46) Dibromomethane	9.46	93	29756	18.988	ug/l	99
47) Bromodichloromethane	9.65	83	74092	19.126	ug/l	98
48) Methyl methacrylate	9.44	41	31615	18.072	ug/l	96
49) 1,4-Dioxane	9.48	88	9136	371.638	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	183482	91.777	ug/l	99
52) Toluene	10.39	92	140021	19.289	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	74602	18.563	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	85974	18.869	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41797	18.932	ug/l	98
56) Ethyl methacrylate	10.65	69	49145	18.146	ug/l	99
57) 1,3-Dichloropropane	10.93	76	72640	18.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	114506	97.031	ug/l	99
59) 2-Hexanone	10.98	43	133868	93.672	ug/l	97
60) Dibromochloromethane	11.13	129	48366	18.739	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39057	18.469	ug/l	100
64) Tetrachloroethene	10.87	164	50492	19.599	ug/l	98
65) Chlorobenzene	11.66	112	154685	19.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	53629	19.150	ug/l	96
67) Ethyl Benzene	11.74	91	272736	19.425	ug/l	99
68) m/p-Xylenes	11.85	106	209553	39.247	ug/l	100
69) o-Xylene	12.17	106	94876	19.222	ug/l	100
70) Styrene	12.19	104	162447	19.595	ug/l	100
71) Bromoform	12.35	173	28786	18.499	ug/l #	99
73) Isopropylbenzene	12.47	105	269253	19.377	ug/l	100
74) N-amyl acetate	12.28	43	64432	17.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50796	18.689	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67859	36.945	ug/l #	100
77) Bromobenzene	12.75	156	64300	19.281	ug/l	100
78) n-propylbenzene	12.81	91	342139	19.931	ug/l	99
79) 2-Chlorotoluene	12.90	91	192428	19.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	232443	19.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15390	17.754	ug/l	99
82) 4-Chlorotoluene	12.99	91	203320	19.607	ug/l	100
83) tert-Butylbenzene	13.21	119	194445	19.609	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	239873	19.821	ug/l	100
85) sec-Butylbenzene	13.39	105	291911	19.783	ug/l	100
86) p-Isopropyltoluene	13.51	119	254754	19.739	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133358	19.703	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133012	19.666	ug/l	99
89) n-Butylbenzene	13.83	91	251495	19.710	ug/l	99
90) Hexachloroethane	14.10	117	47138	19.659	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	119195	19.696	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8626	18.215	ug/l	96

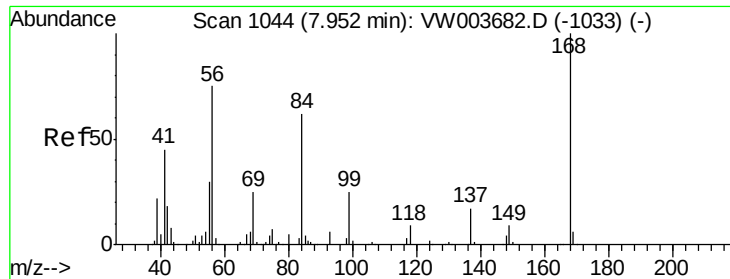
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
Data File : VW003715.D
Acq On : 05 Jul 2018 12:41
Operator : SY/AP
Sample : VW0705SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 06 02:34:25 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)
93) 1,2,4-Trichlorobenzene	15.15	180	84080	19.704	ug/l	100
94) Hexachlorobutadiene	15.24	225	48455	19.661	ug/l	98
95) Naphthalene	15.38	128	140472	18.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74473	19.593	ug/l	100

(#) = 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: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

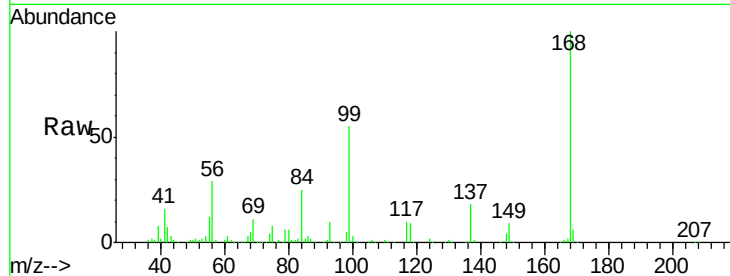
ClientSampleId :

Tot Ion:168 Resp: 263953

Ion Ratio Lower Upper

168 100

99 55.4 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

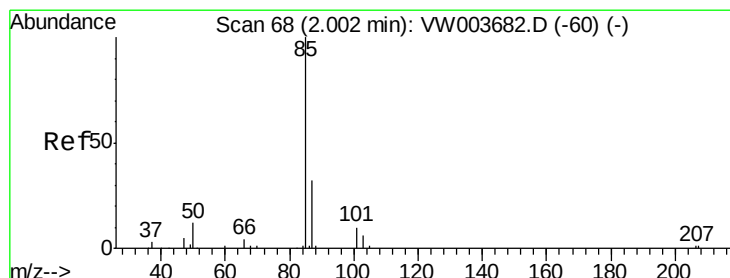
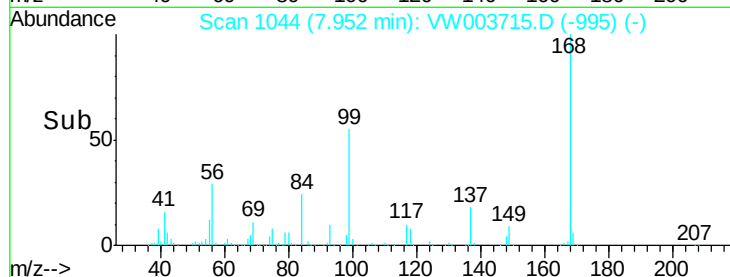
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.737 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003715.D

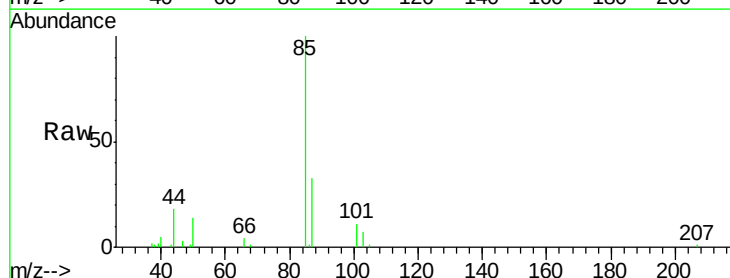
Acq: 05 Jul 2018 12:41

Tgt Ion: 85 Resp: 21968

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

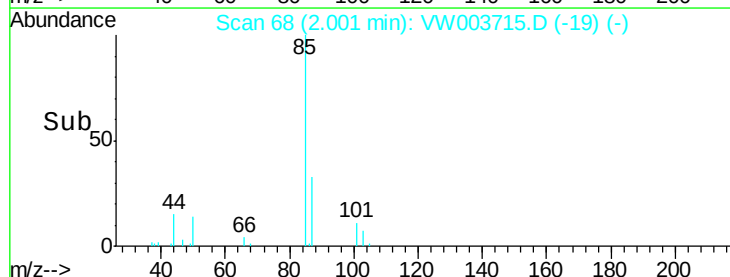
6000

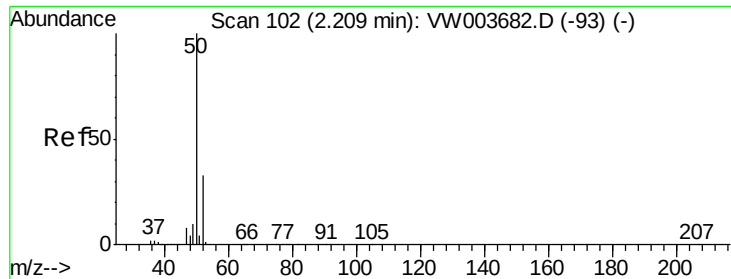
4000

2000

0

Time-->





#3

Chloromethane

Concen: 16.646 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

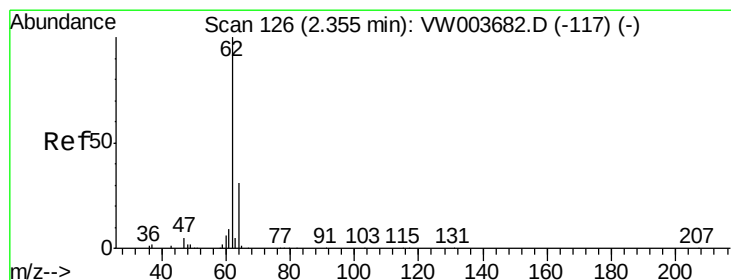
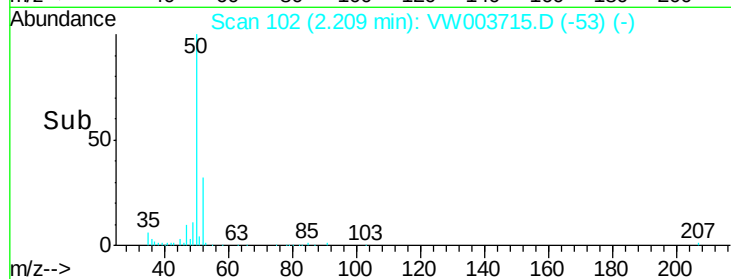
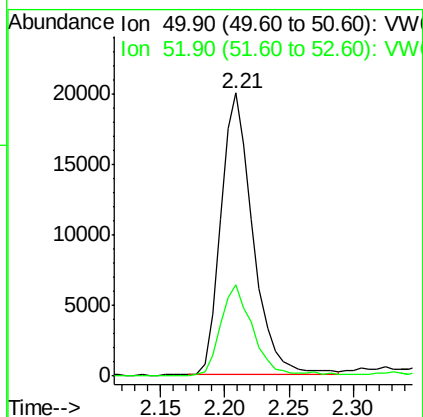
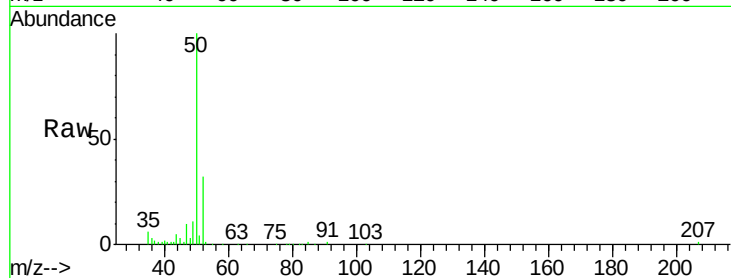
ClientSampleId :

Tot Ion: 50 Resp: 34999

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 17.164 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003715.D

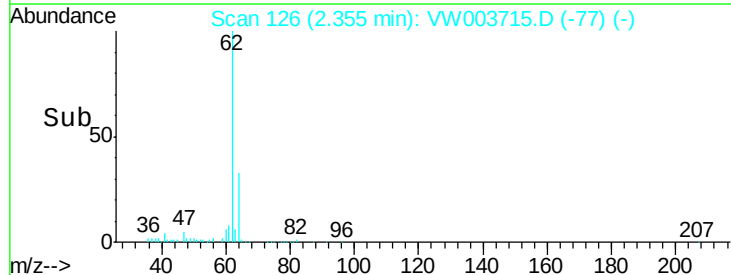
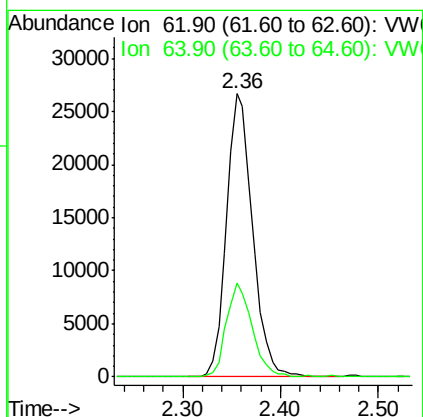
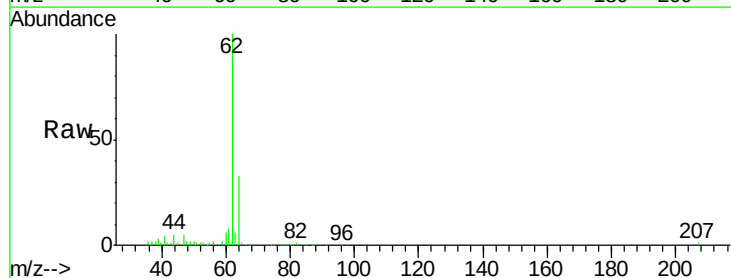
Acq: 05 Jul 2018 12:41

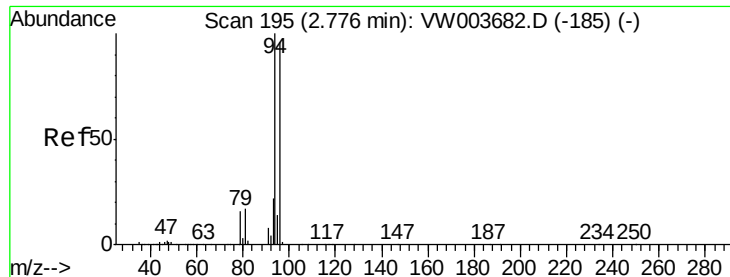
Tgt Ion: 62 Resp: 49240

Ion Ratio Lower Upper

62 100

64 33.3 25.1 37.7





#5

Bromomethane

Concen: 17.502 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

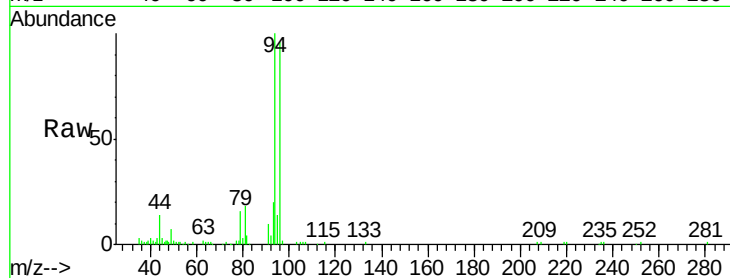
ClientSampleId :

Tot Ion: 94 Resp: 32919

Ion Ratio Lower Upper

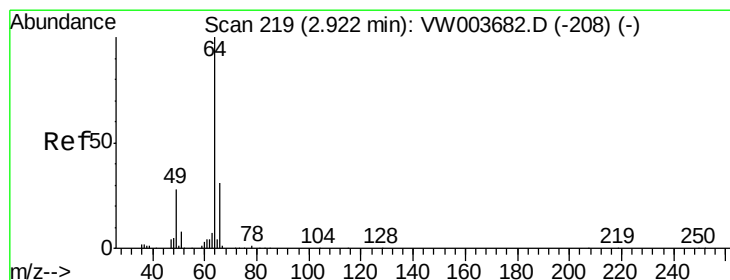
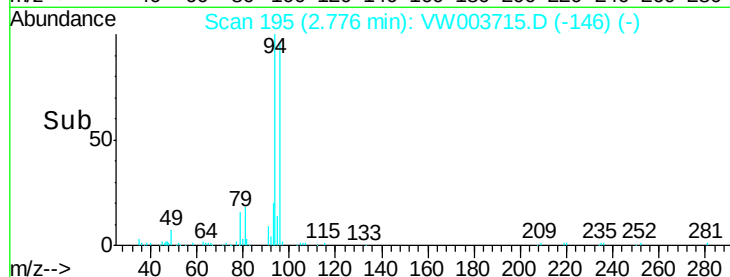
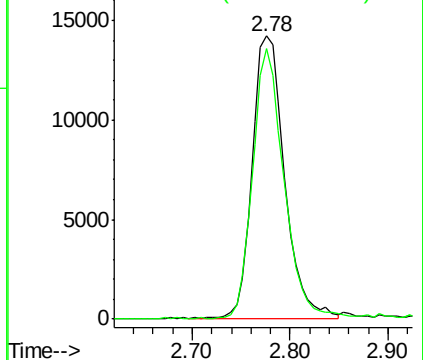
94 100

96 95.5 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 17.916 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003715.D

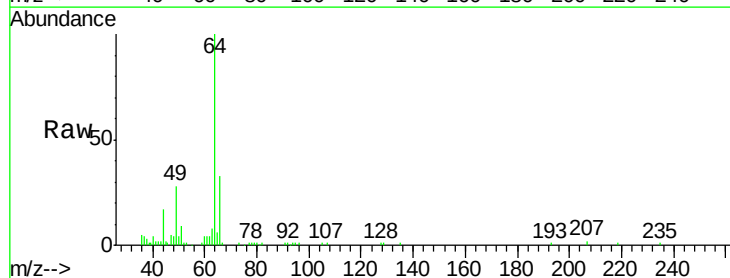
Acq: 05 Jul 2018 12:41

Tgt Ion: 64 Resp: 30926

Ion Ratio Lower Upper

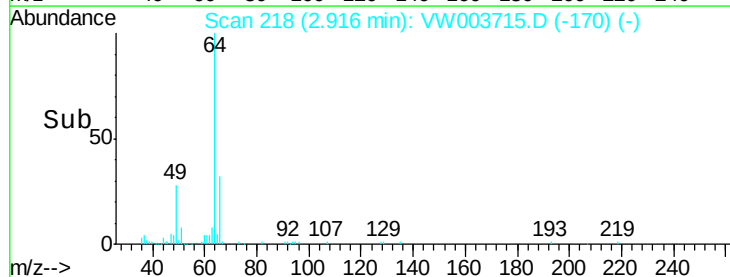
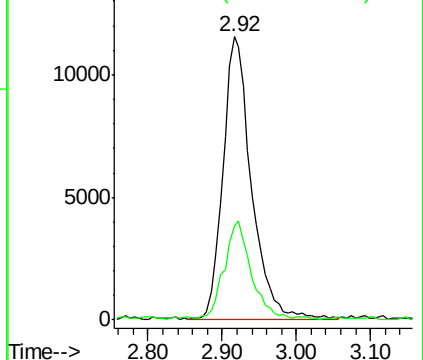
64 100

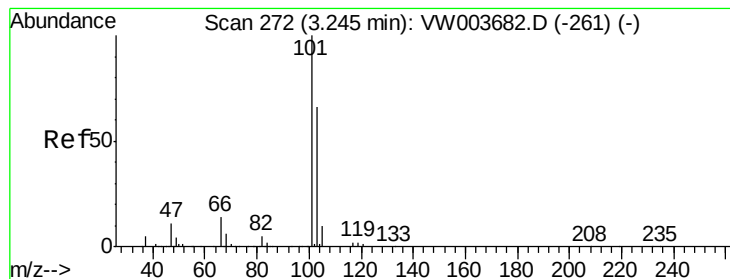
66 31.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



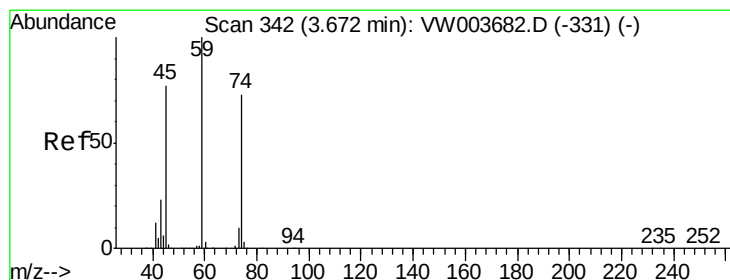
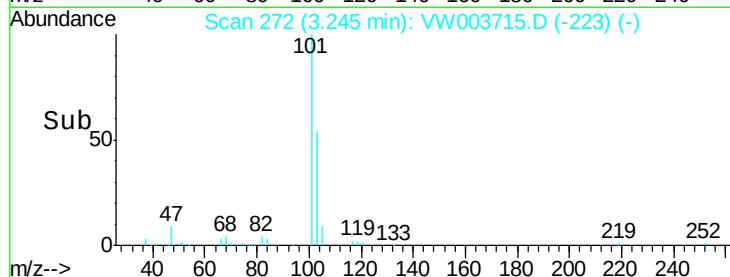
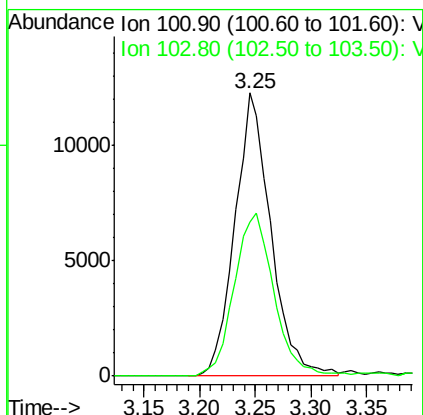
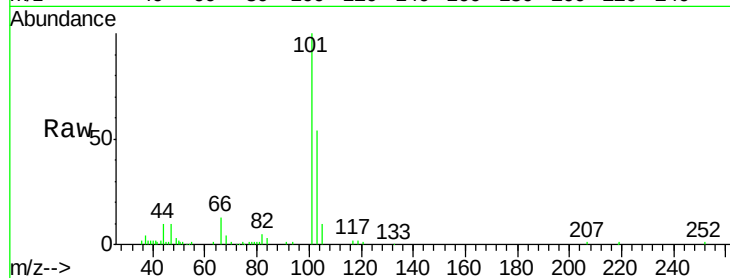


#7

Trichlorofluoromethane
 Concen: 18.053 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampled :

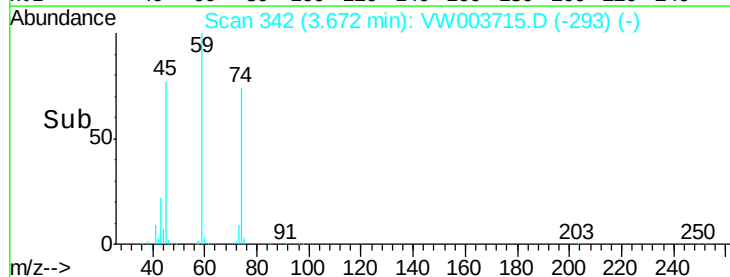
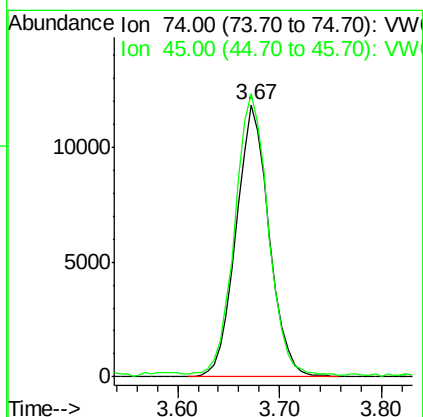
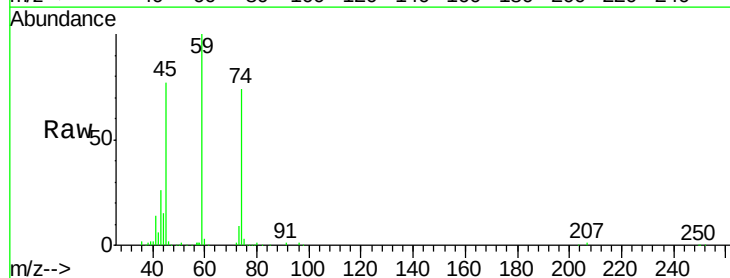
Tot Ion:101 Resp: 27540
 Ion Ratio Lower Upper
 101 100
 103 54.4 52.9 79.3

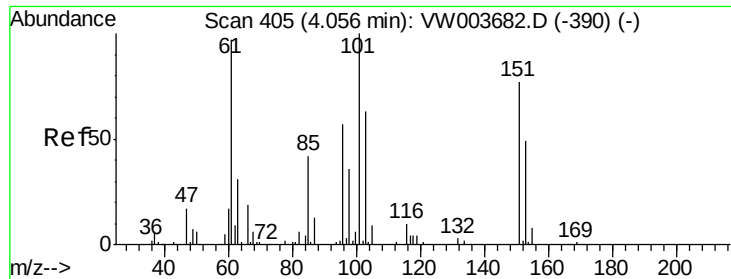


#8

Diethyl Ether
 Concen: 18.759 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion: 74 Resp: 26478
 Ion Ratio Lower Upper
 74 100
 45 105.9 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.306 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

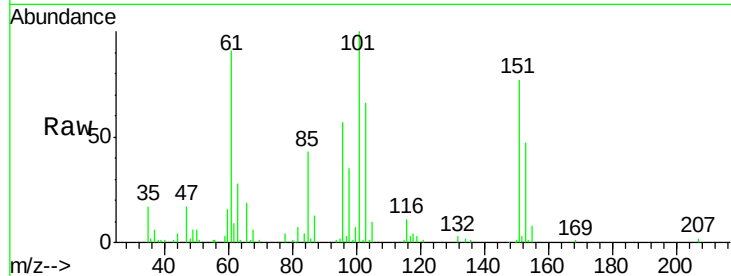
Tot Ion:101 Resp: 48942

Ion Ratio Lower Upper

101 100

85 45.9 36.6 55.0

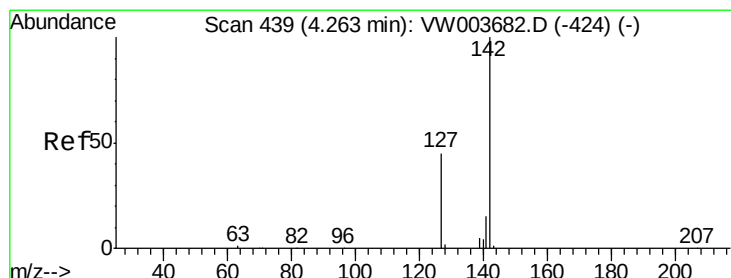
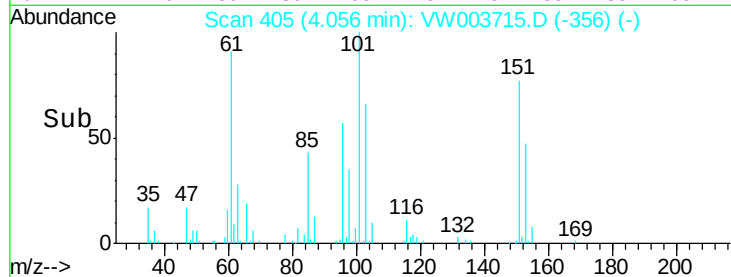
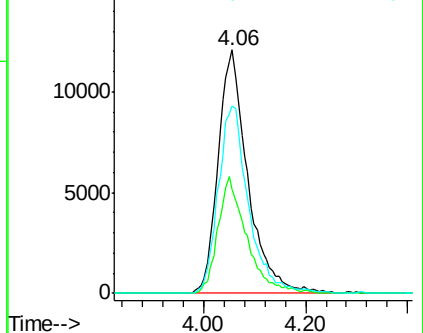
151 78.7 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.100 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

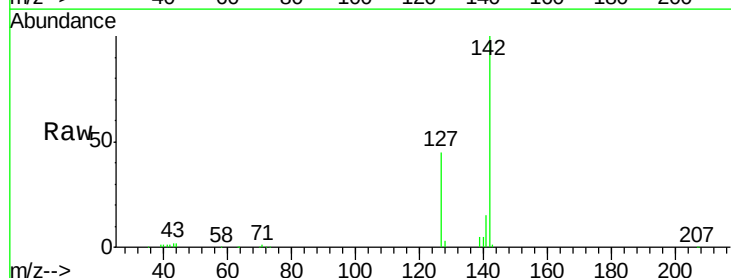
Tgt Ion:142 Resp: 67380

Ion Ratio Lower Upper

142 100

127 44.9 36.0 54.0

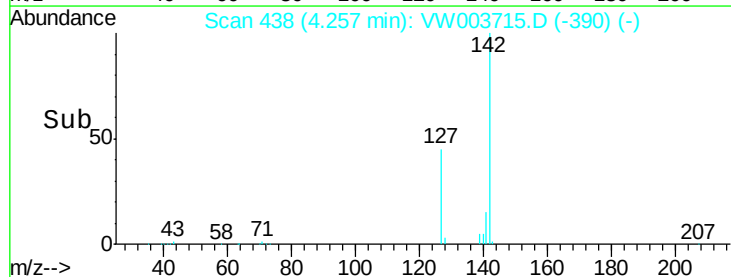
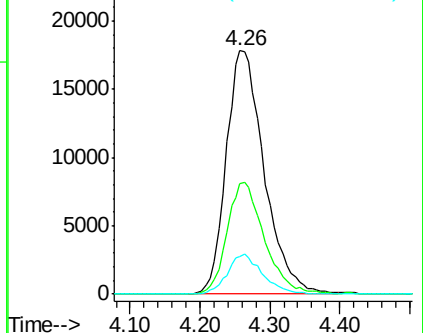
141 15.1 11.9 17.9

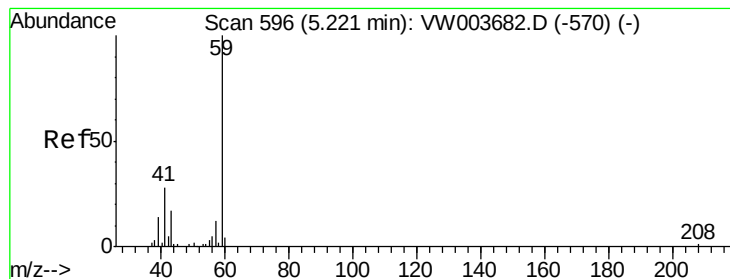


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.554 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.01 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

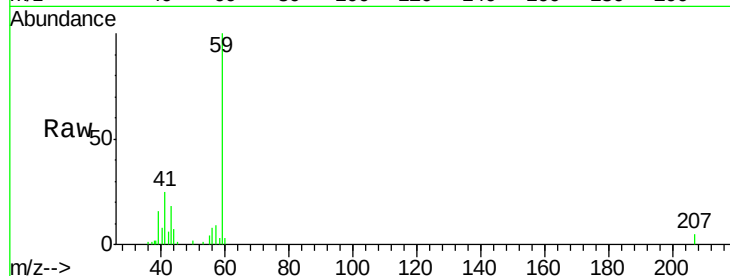
ClientSampleId :

Tot Ion: 59 Resp: 18225

Ion Ratio Lower Upper

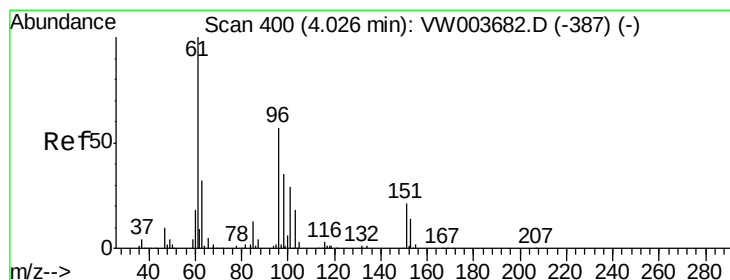
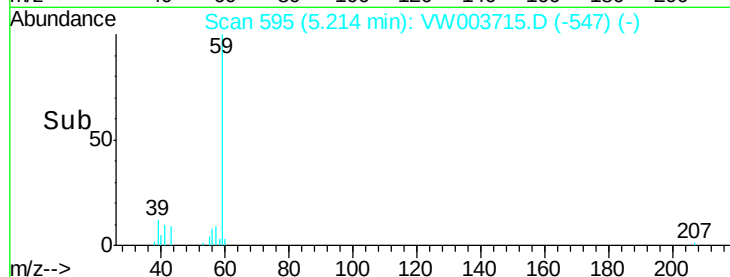
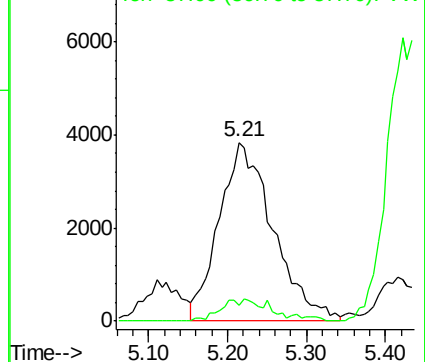
59 100

57 4.7 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: 18.480 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

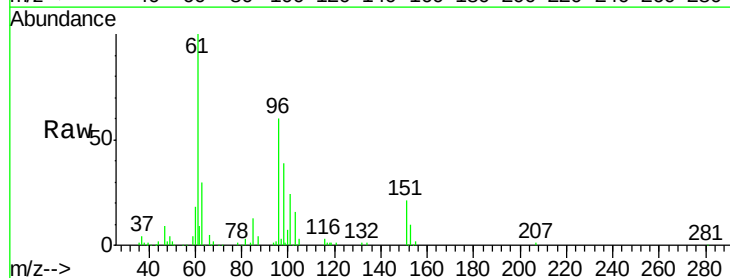
Tgt Ion: 96 Resp: 46693

Ion Ratio Lower Upper

96 100

61 166.7 140.6 211.0

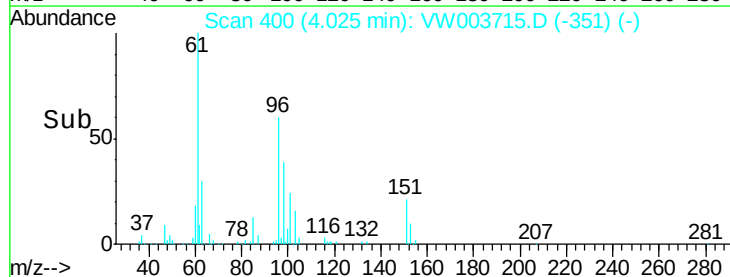
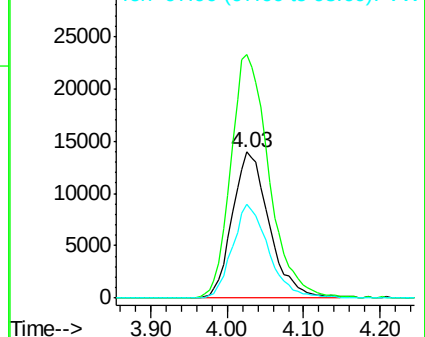
98 64.4 49.4 74.0

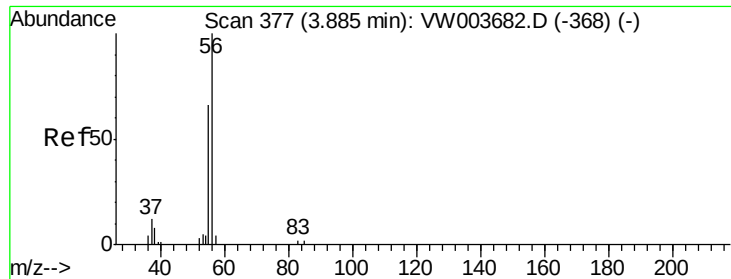


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 112.406 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

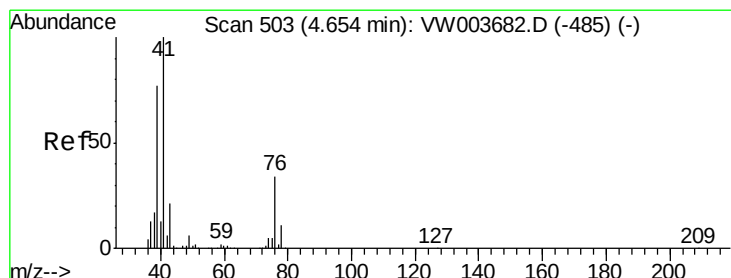
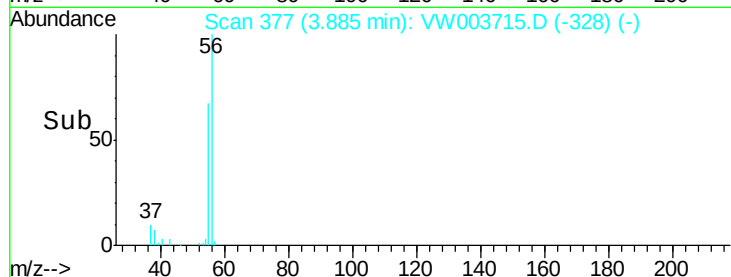
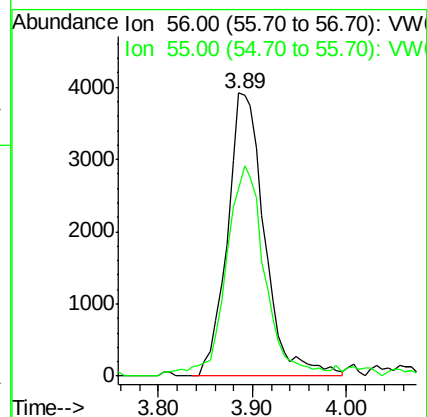
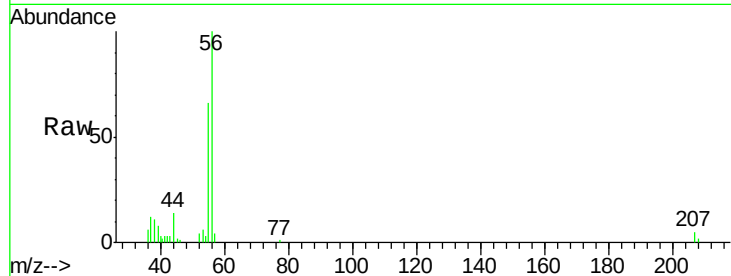
ClientSampleId :

Tot Ion: 56 Resp: 10740

Ion Ratio Lower Upper

56 100

55 77.2 54.7 82.1



#14

Allyl chloride

Concen: 18.512 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

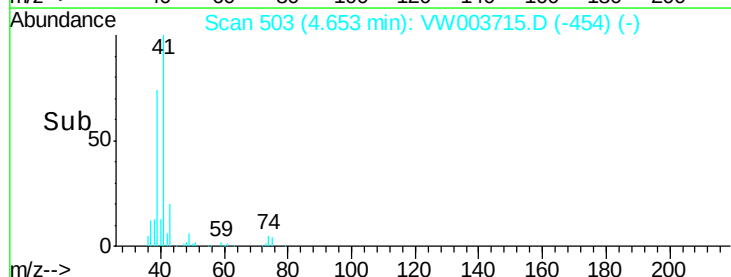
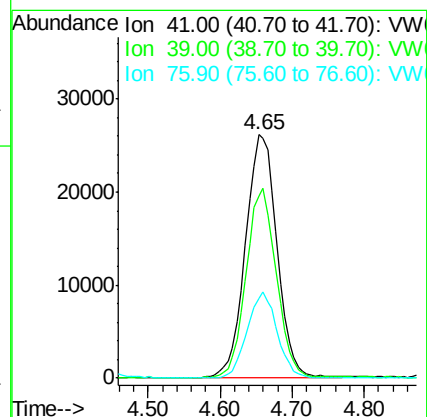
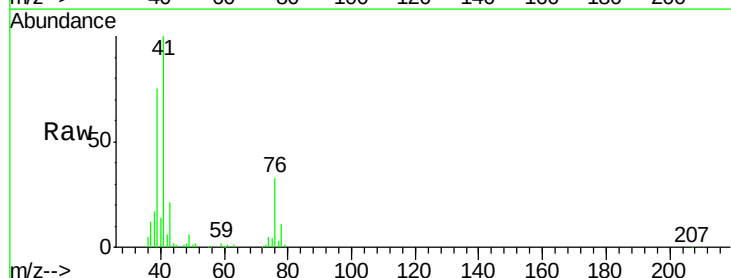
Tgt Ion: 41 Resp: 79996

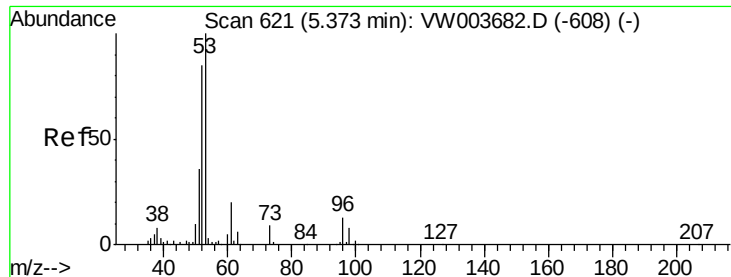
Ion Ratio Lower Upper

41 100

39 74.9 60.1 90.1

76 33.5 27.2 40.8





#15

Acrylonitrile

Concen: 90.773 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

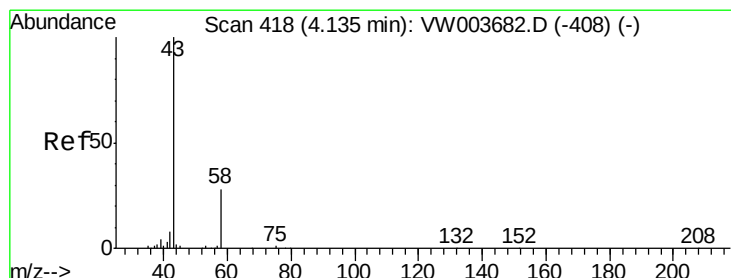
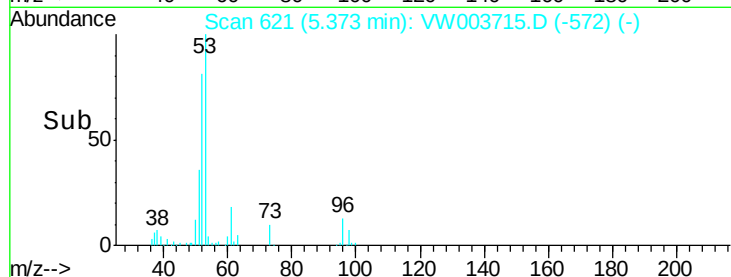
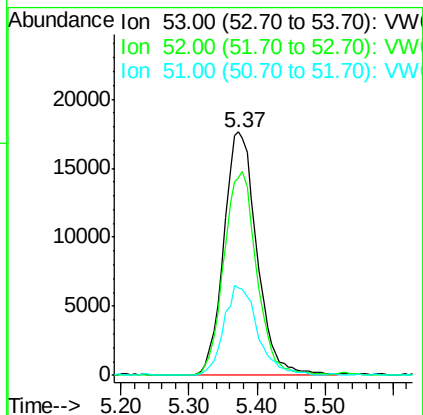
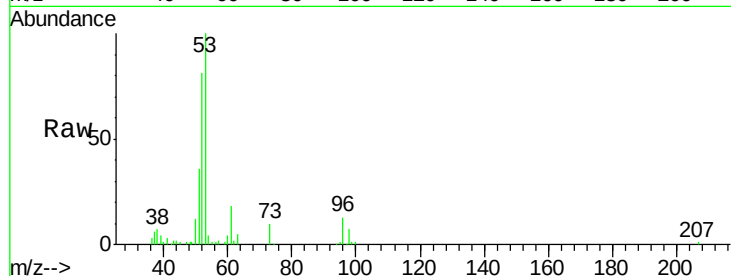
Tot Ion: 53 Resp: 59425

Ion Ratio Lower Upper

53 100

52 83.1 66.8 100.2

51 37.8 30.2 45.4



#16

Acetone

Concen: 89.196 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003715.D

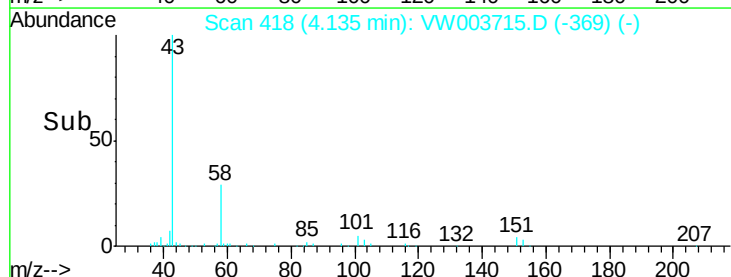
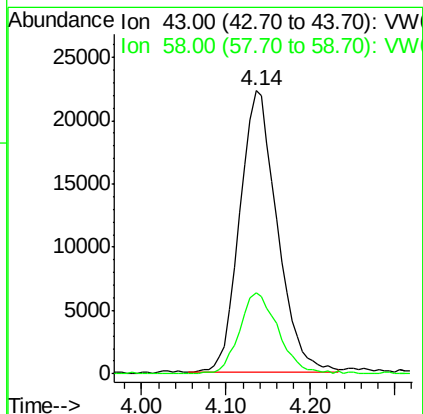
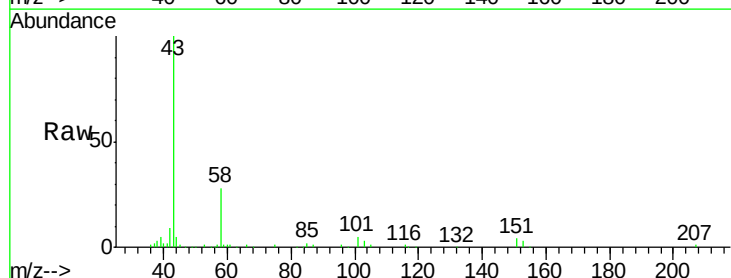
Acq: 05 Jul 2018 12:41

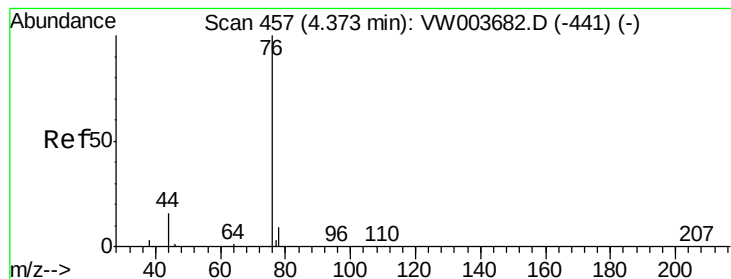
Tgt Ion: 43 Resp: 67002

Ion Ratio Lower Upper

43 100

58 28.7 22.7 34.1





#17

Carbon Disulfide

Concen: 16.959 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

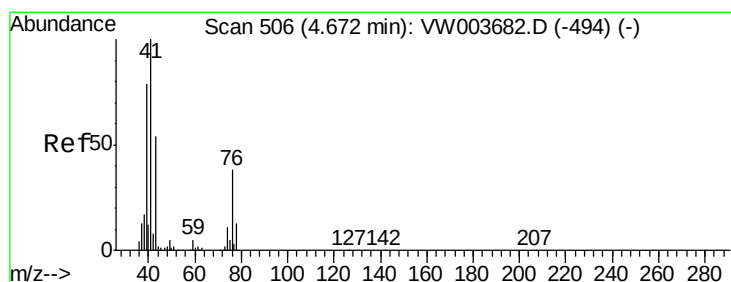
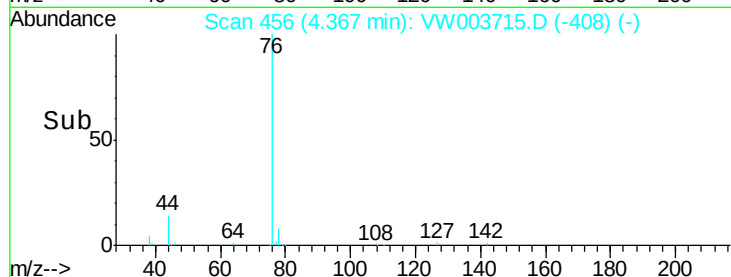
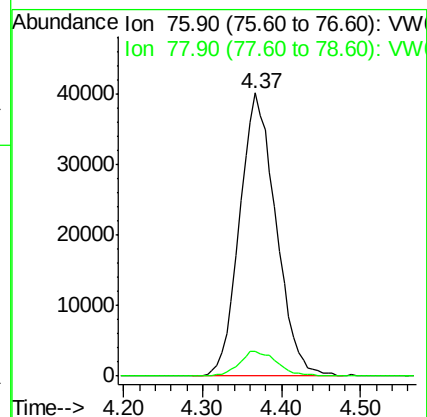
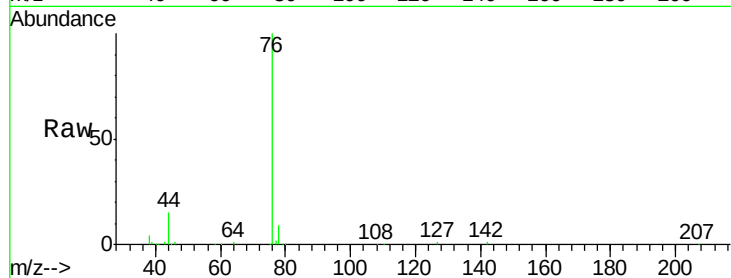
ClientSampleId :

Tot Ion: 76 Resp: 128635

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



#18

Methyl Acetate

Concen: 18.813 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003715.D

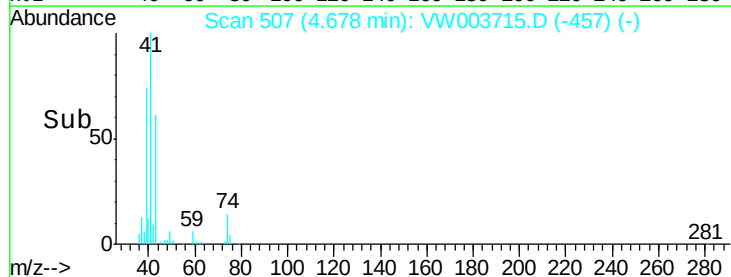
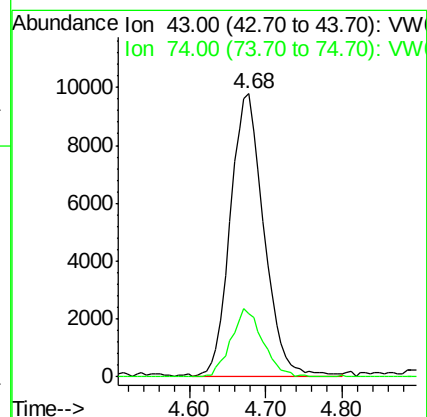
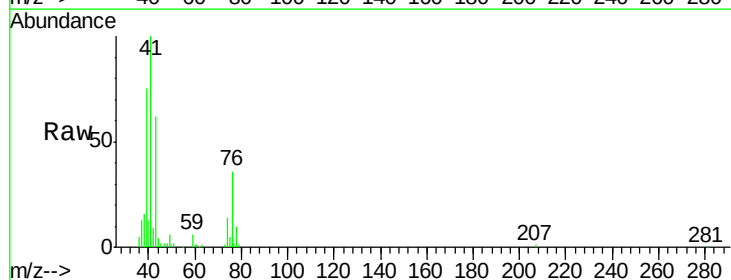
Acq: 05 Jul 2018 12:41

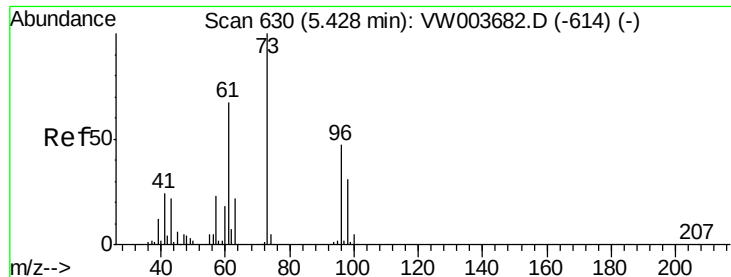
Tgt Ion: 43 Resp: 29953

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.2

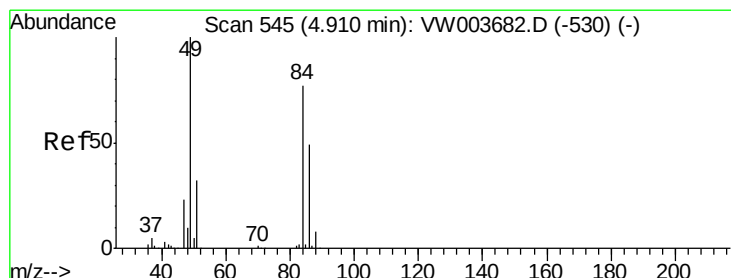
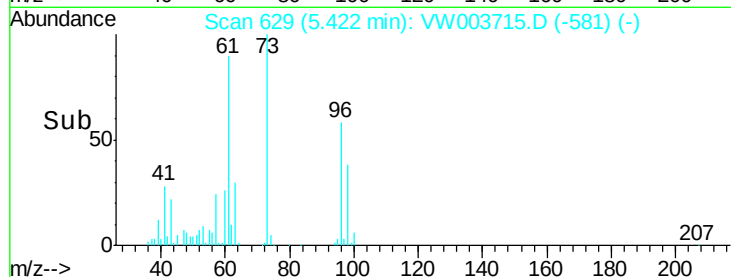
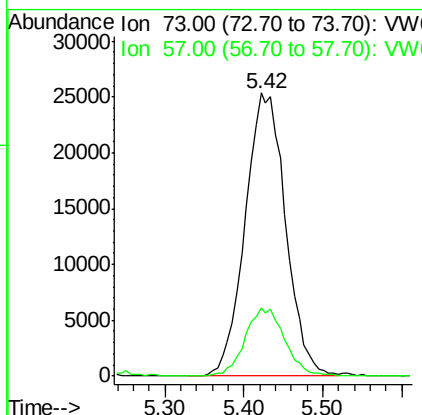
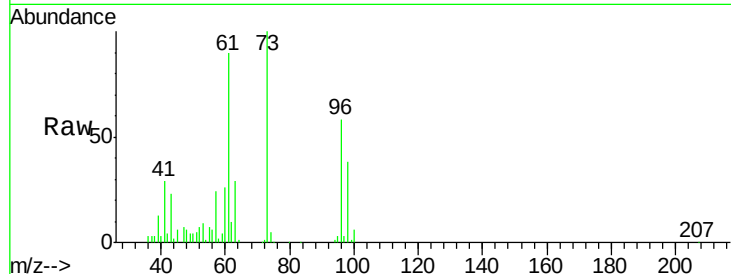




#19
Methyl tert-butyl Ether
Concen: 18.321 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

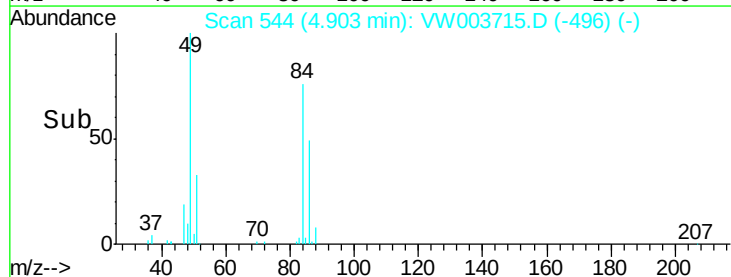
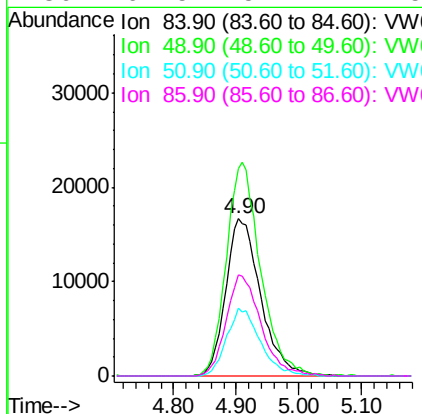
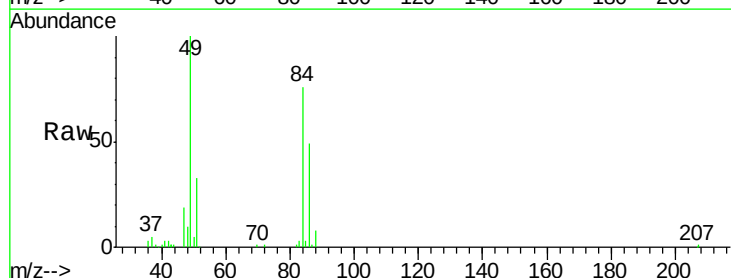
Instrument :
MSVOA_W
ClientSampled :

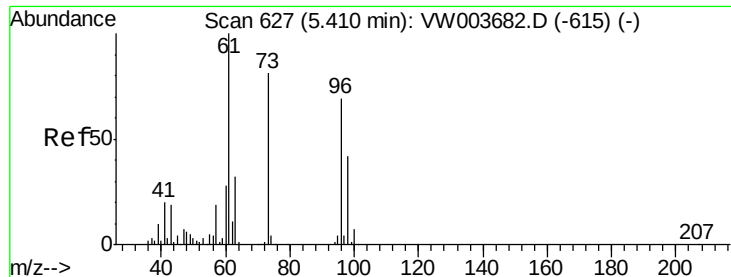
Tot Ion: 73 Resp: 90425
Ion Ratio Lower Upper
73 100
57 24.0 18.1 27.1



#20
Methylene Chloride
Concen: 20.349 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 84 Resp: 64252
Ion Ratio Lower Upper
84 100
49 131.6 104.6 156.8
51 42.8 33.2 49.8
86 64.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 18.024 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampled :

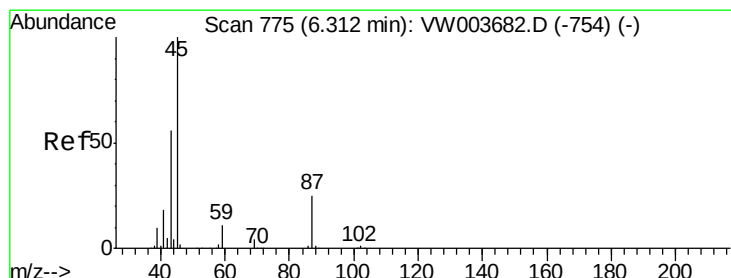
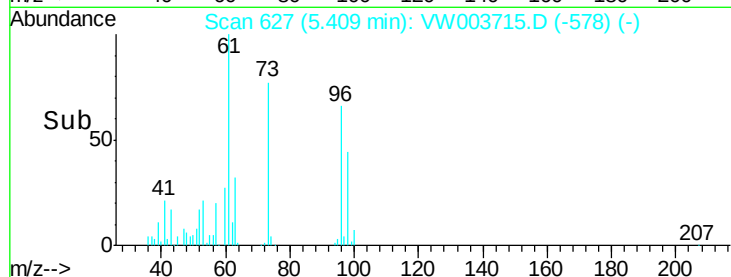
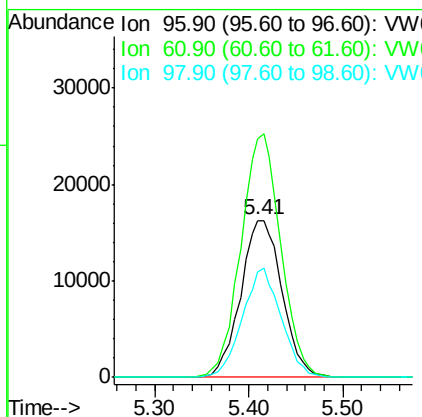
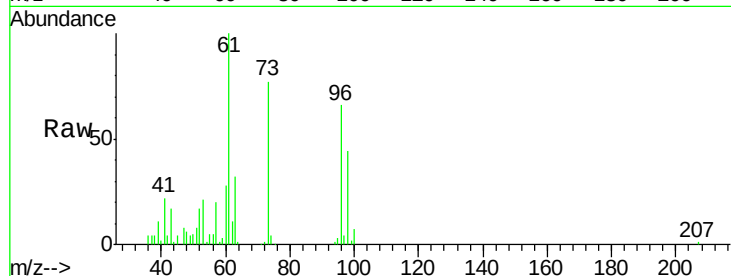
Tot Ion: 96 Resp: 49878

Ion Ratio Lower Upper

96 100

61 152.4 116.8 175.2

98 67.1 49.6 74.4



#22

Diisopropyl ether

Concen: 19.151 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion: 45 Resp: 169676

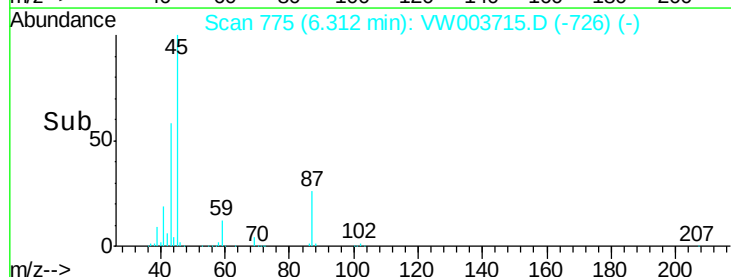
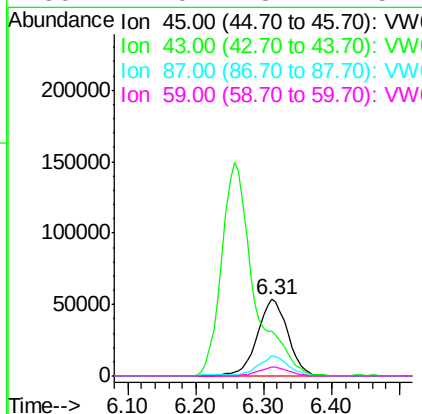
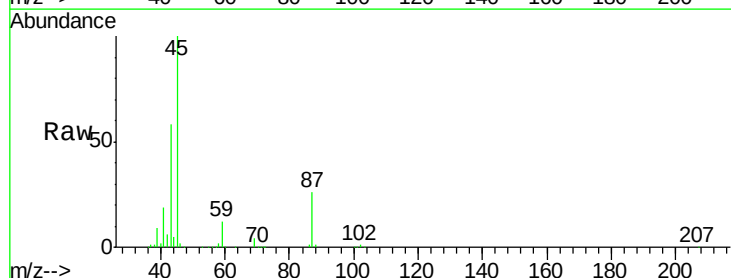
Ion Ratio Lower Upper

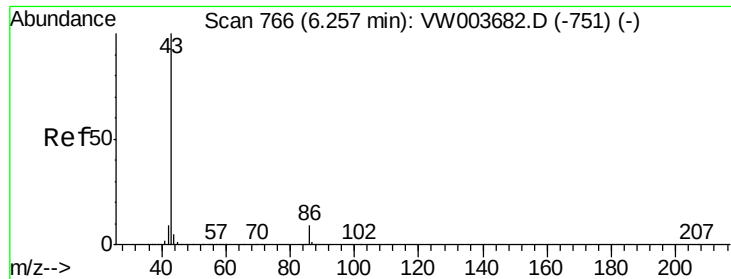
45 100

43 57.7 44.5 66.7

87 26.0 20.2 30.4

59 12.0 8.7 13.1





#23

Vinyl Acetate

Concen: 90.942 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

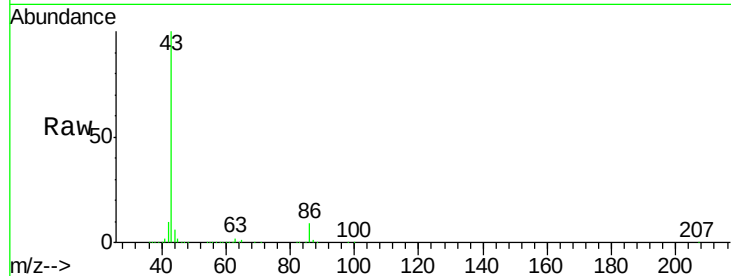
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 490213

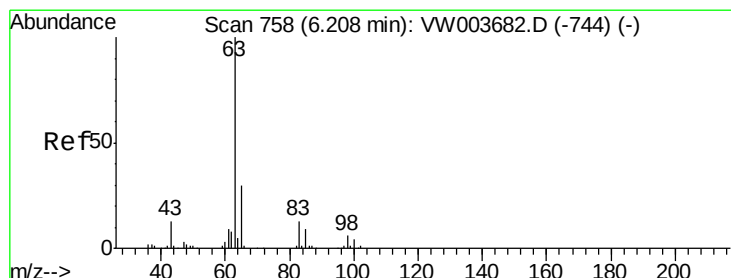
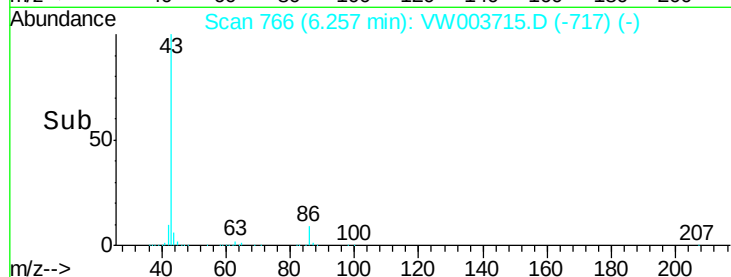
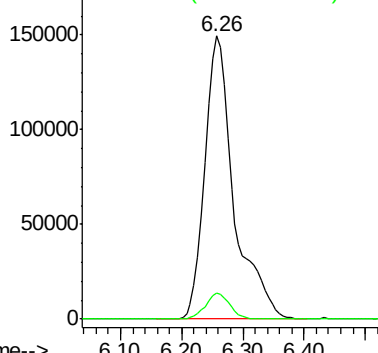
Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 18.918 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

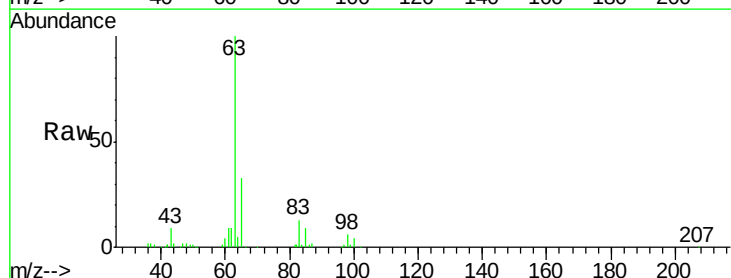
Tgt Ion: 63 Resp: 99954

Ion Ratio Lower Upper

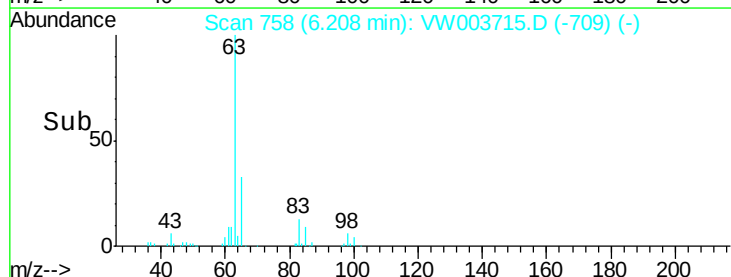
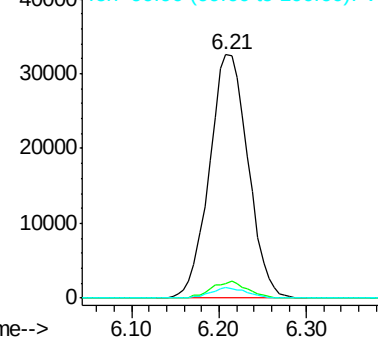
63 100

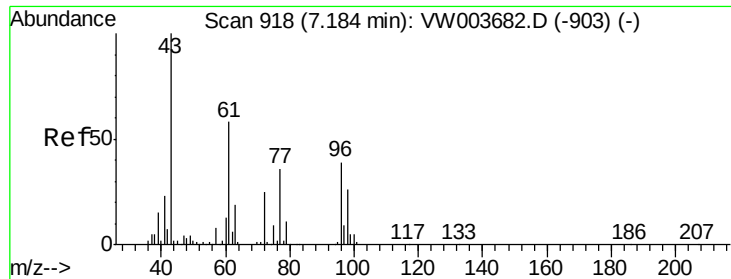
98 5.9 2.9 8.6

100 4.3 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

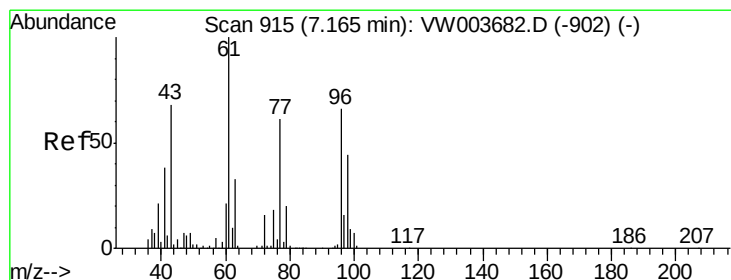
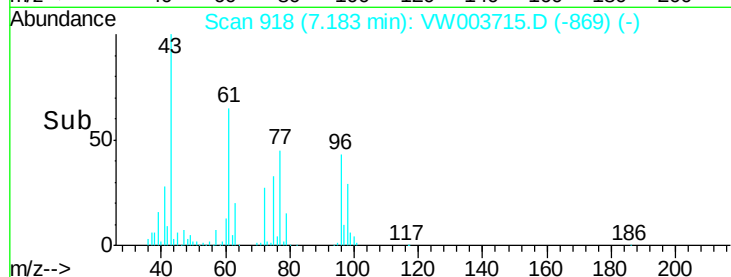
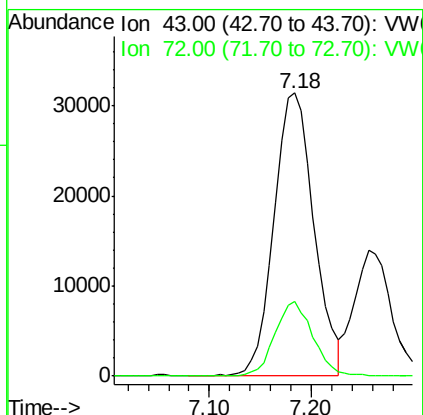
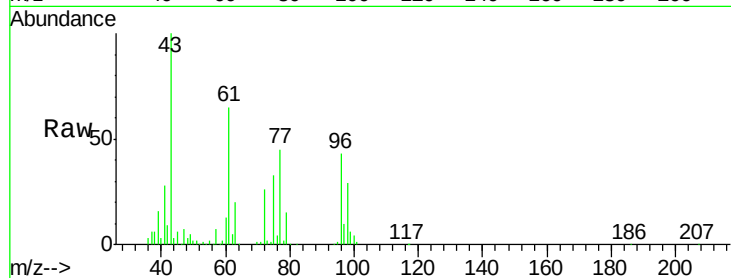




#25
2-Butanone
Concen: 89.057 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

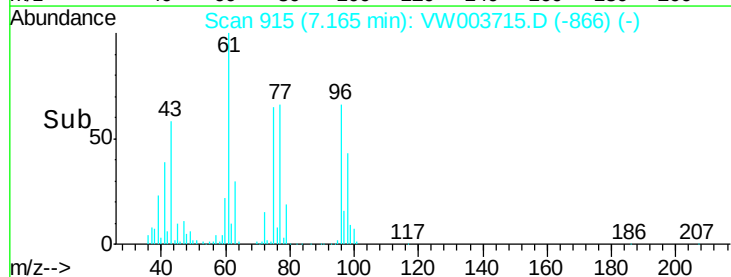
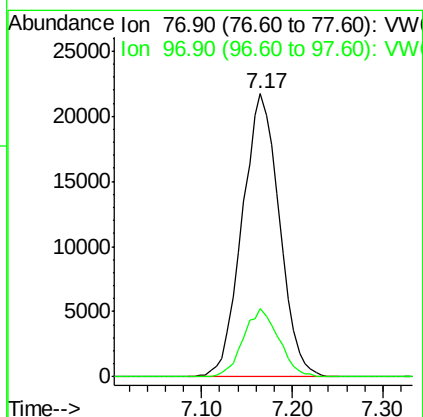
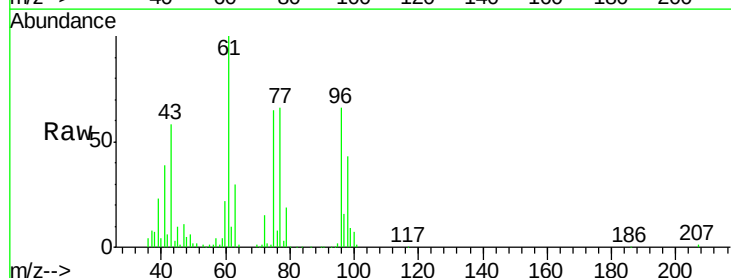
Instrument :
MSVOA_W
ClientSampled :

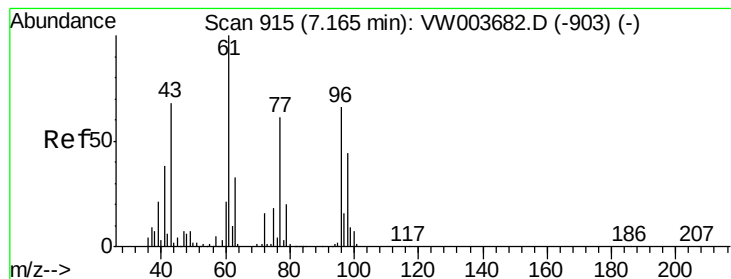
Tot Ion: 43 Resp: 85659
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 19.042 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 77 Resp: 61688
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.1



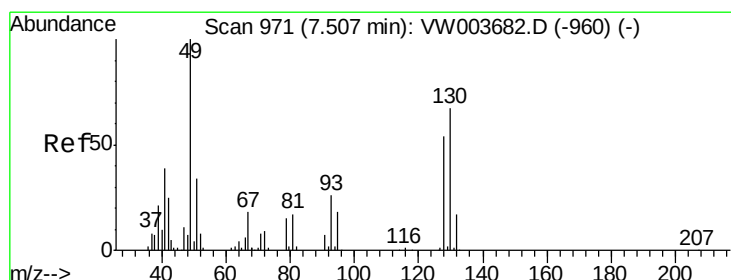
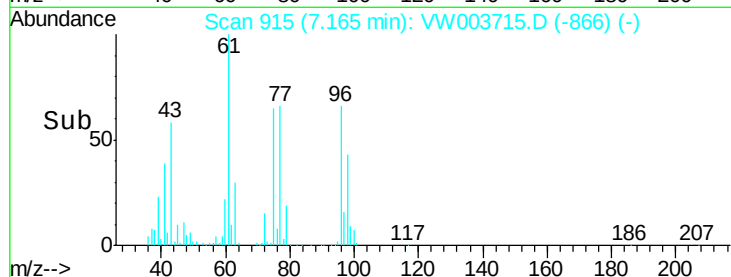
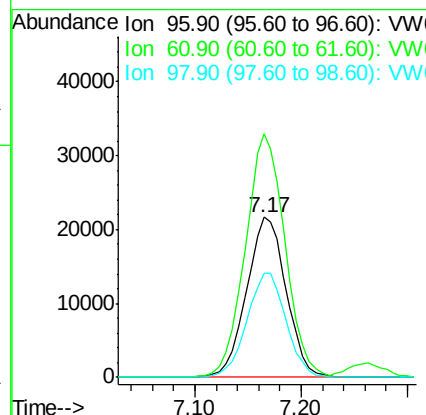
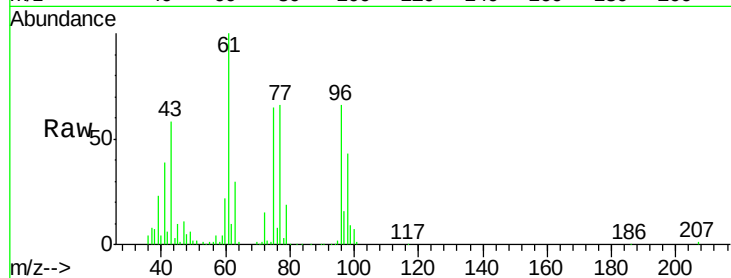


#27

cis-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampled :

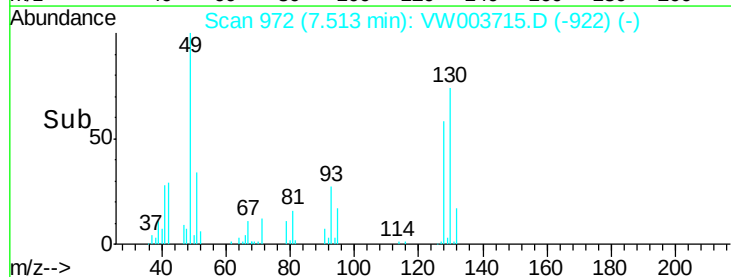
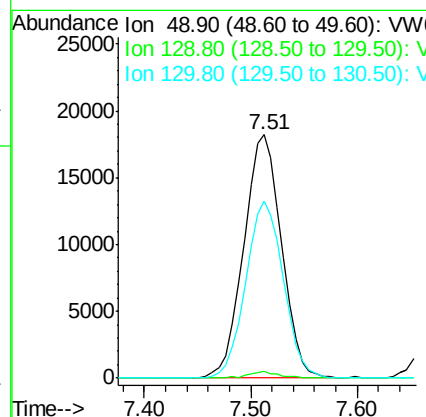
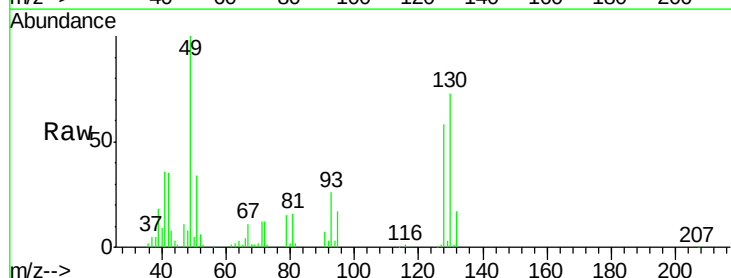
Tot Ion: 96 Resp: 56386
Ion Ratio Lower Upper
96 100
61 152.4 0.0 305.0
98 64.5 0.0 129.6

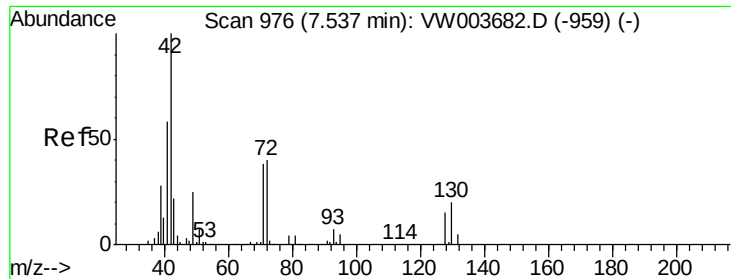


#28

Bromochloromethane
Concen: 19.516 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 49 Resp: 45327
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.0
130 72.6 57.0 85.6

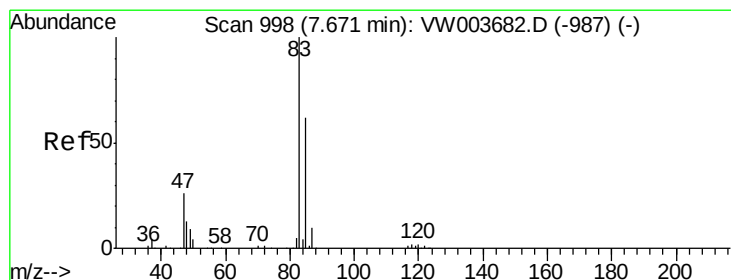
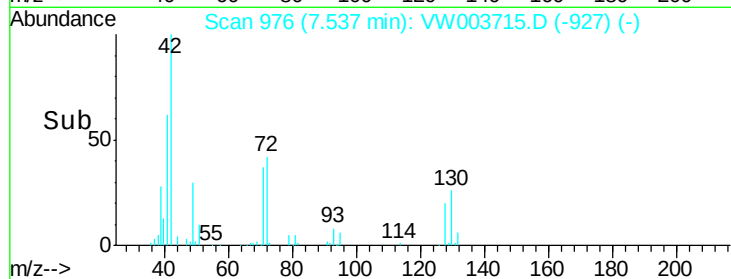
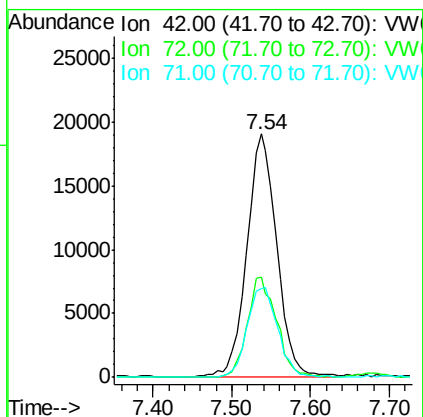
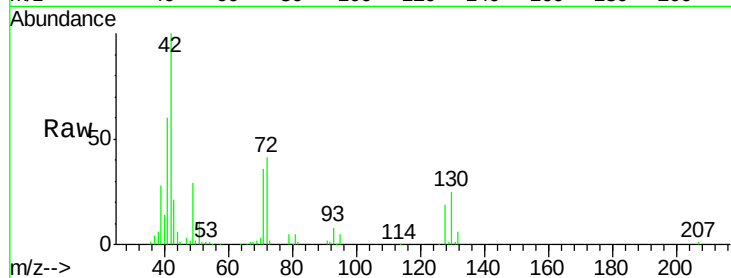




#29
Tetrahydrofuran
Concen: 87.407 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

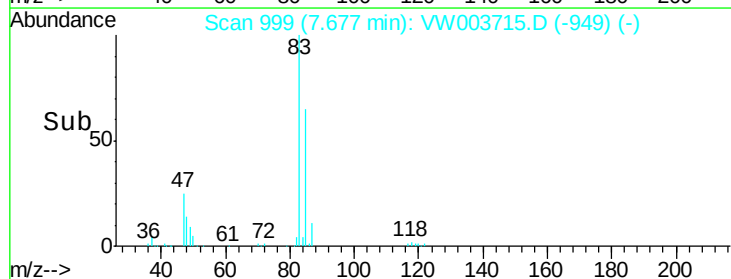
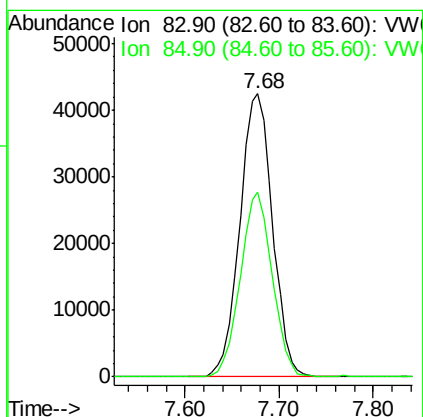
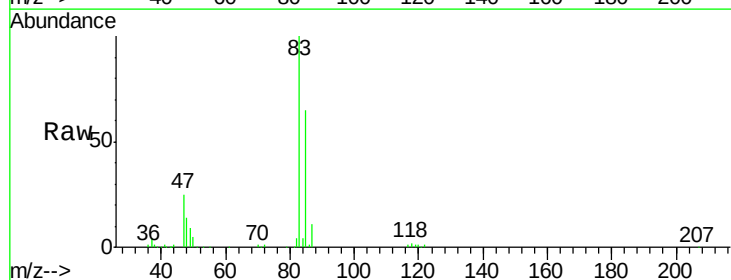
Instrument :
MSVOA_W
ClientSampled :

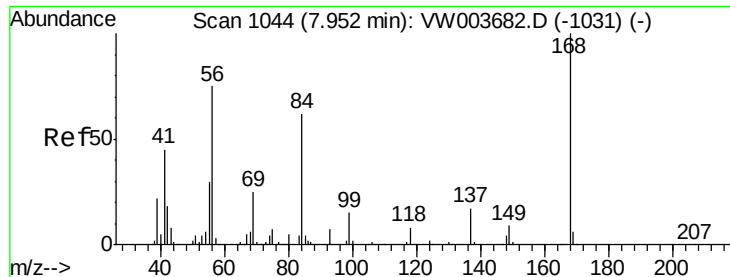
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.0	48.0
71	37.8	30.2	45.2



#30
Chloroform
Concen: 19.251 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.7	74.5





#31

Cyclohexane

Concen: 17.994 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampled :

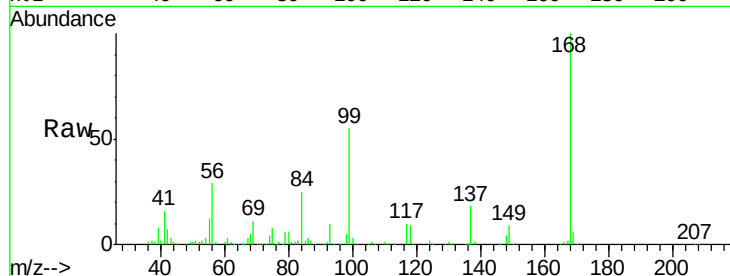
Tot Ion: 56 Resp: 86566

Ion Ratio Lower Upper

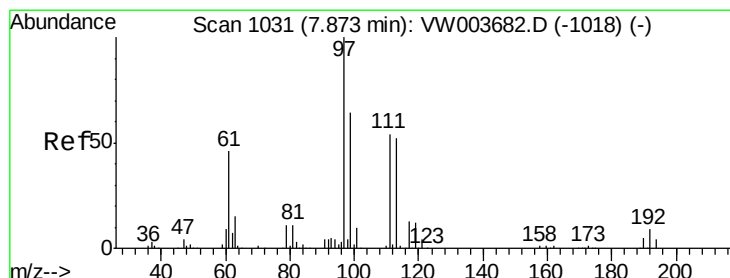
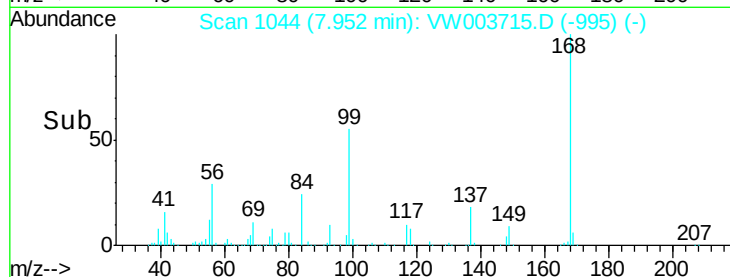
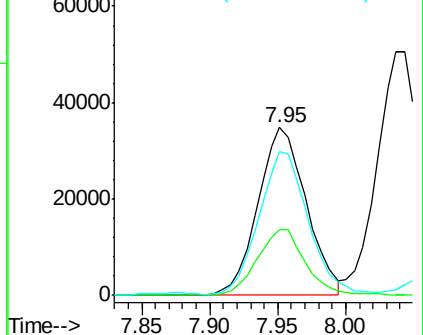
56 100

69 39.3 27.0 40.4

84 84.4 65.4 98.0



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



#32

1,1,1-Trichloroethane

Concen: 19.346 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

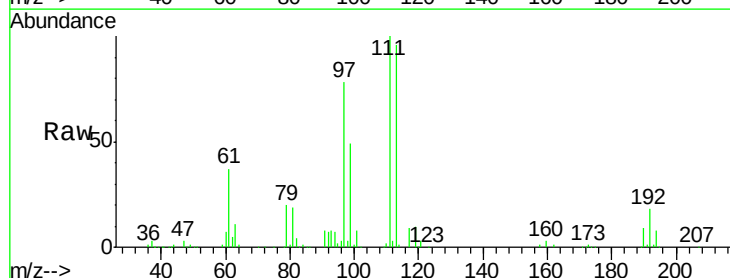
Tgt Ion: 97 Resp: 80461

Ion Ratio Lower Upper

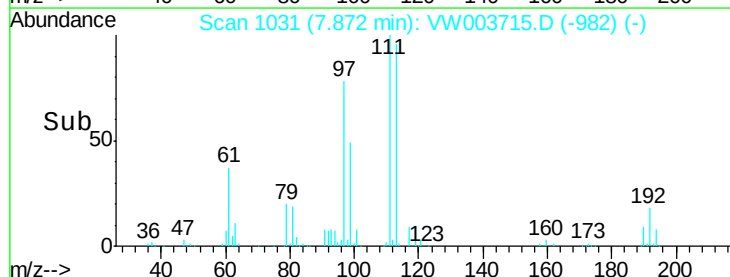
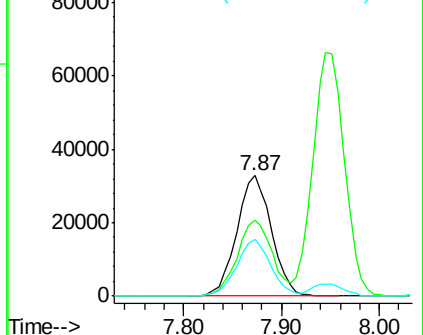
97 100

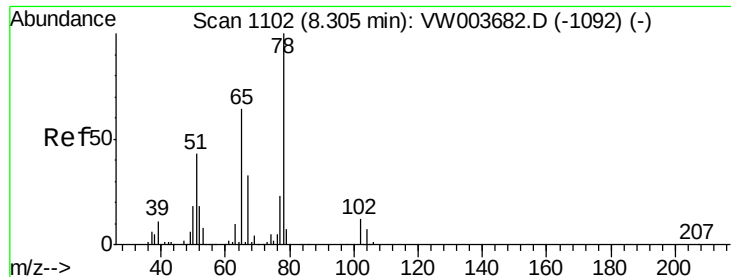
99 64.3 50.6 76.0

61 46.2 37.2 55.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

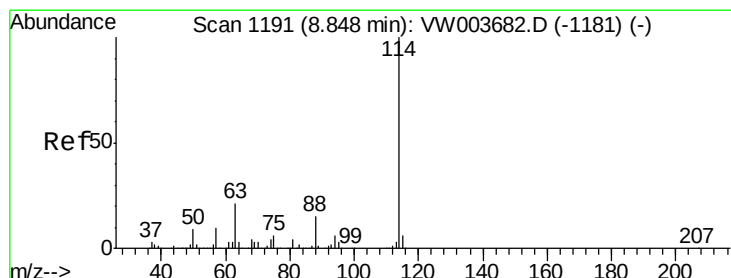
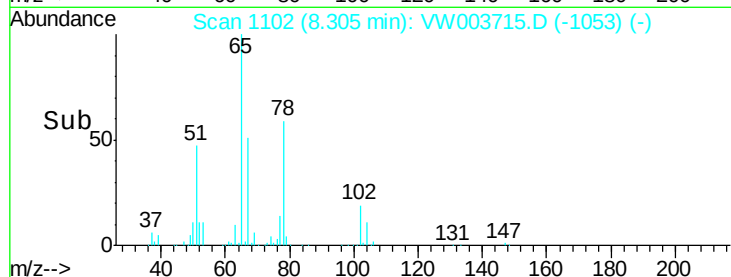
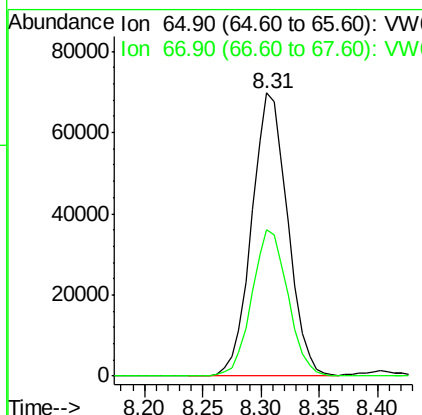
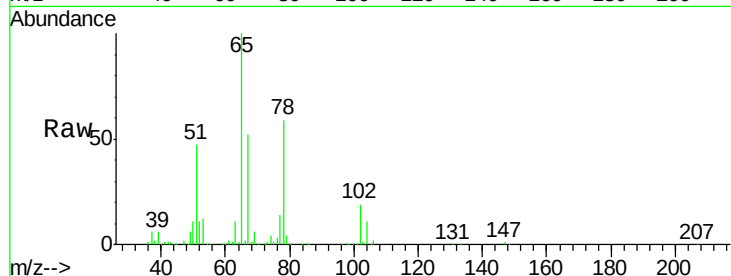




#33
 1,2-Dichloroethane-d4
 Concen: 47.746 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

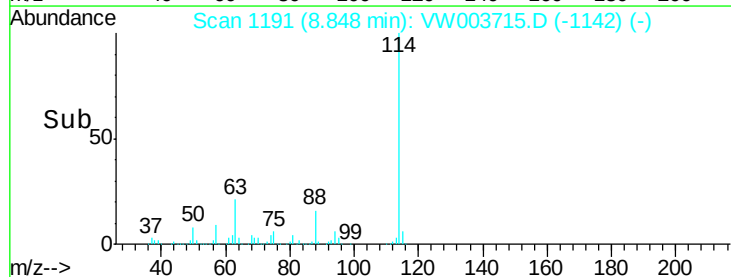
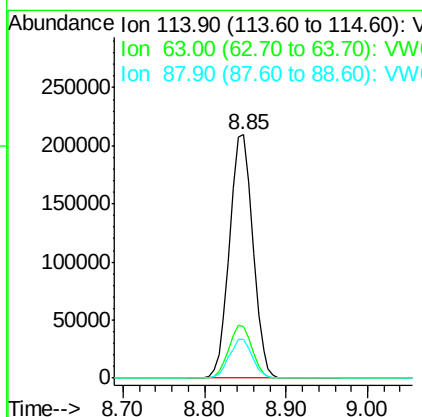
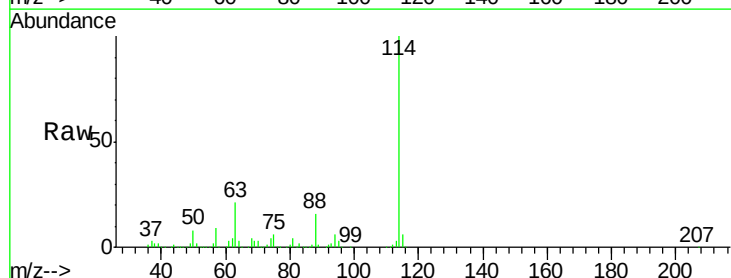
Instrument :
 MSVOA_W
 ClientSampleId :

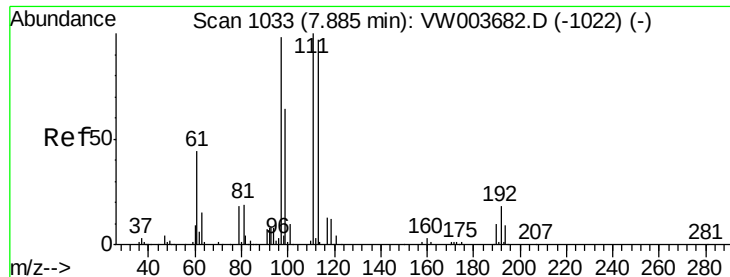
Tot Ion: 65 Resp: 150250
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion: 114 Resp: 412277
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.6
 88 15.9 0.0 29.8

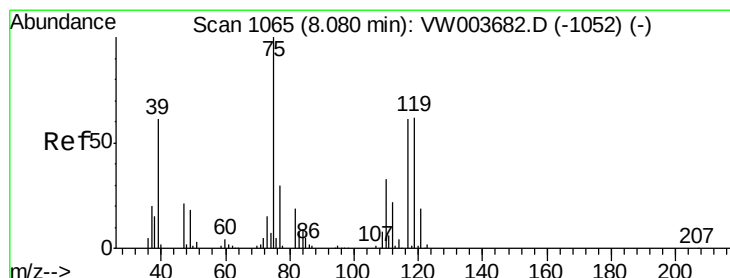
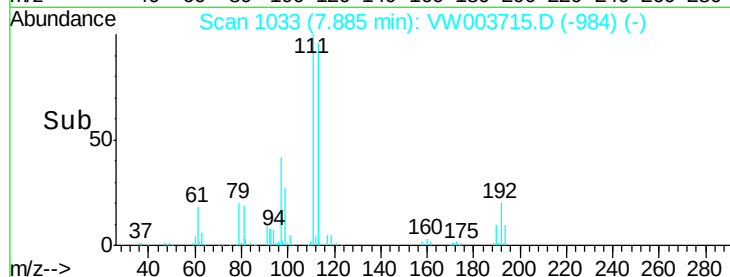
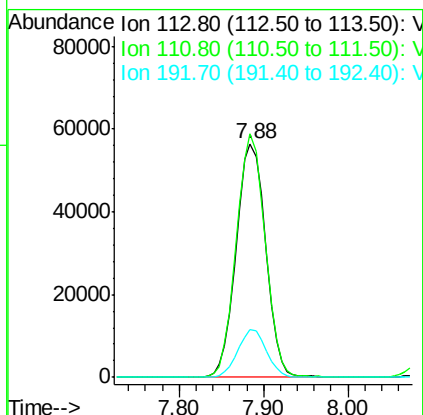
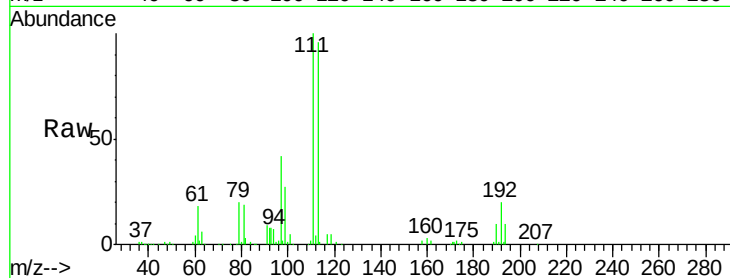




#35
 Dibromofluoromethane
 Concen: 49.695 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

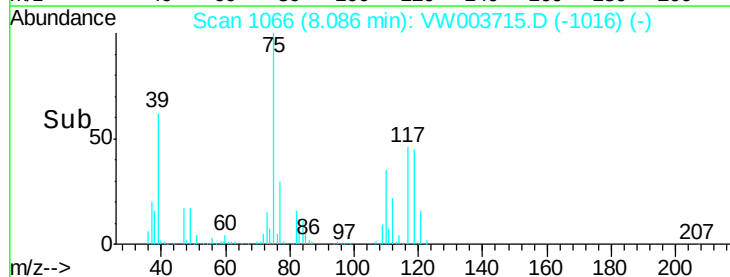
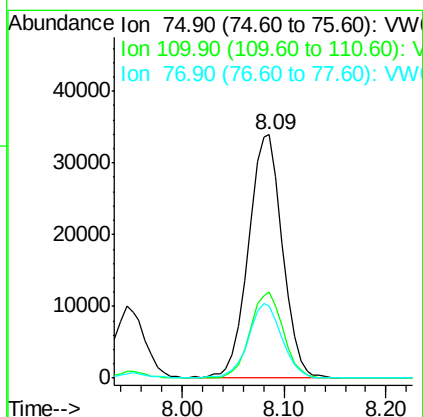
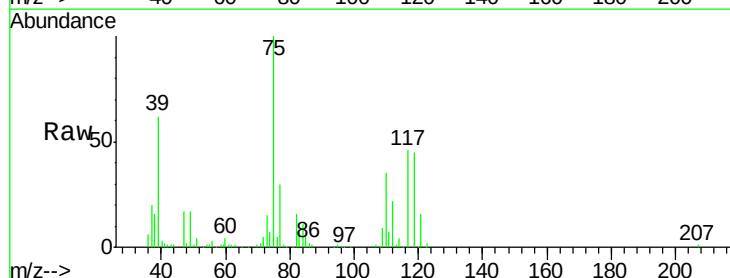
Instrument :
 MSVOA_W
 ClientSampleId :

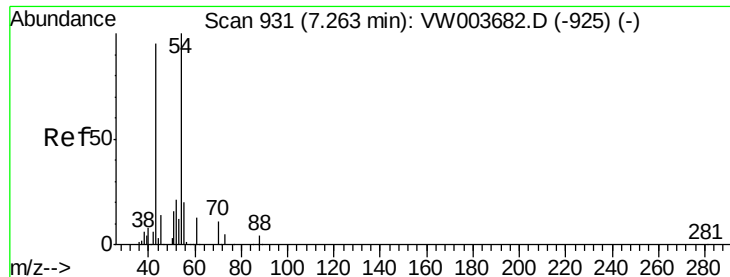
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	19.7	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 19.025 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.9	50.6
77	30.7	24.9	37.3

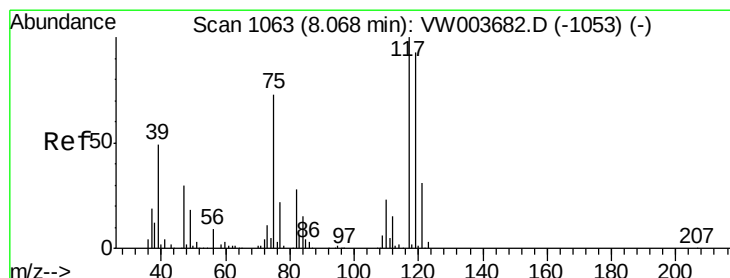
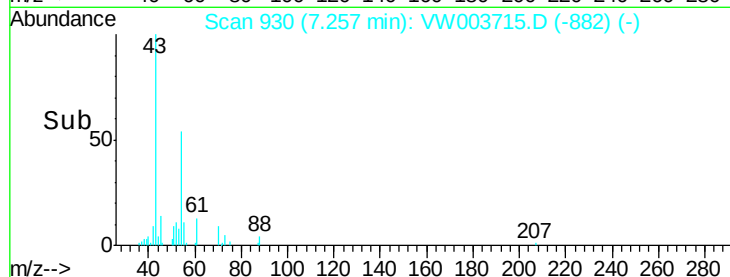
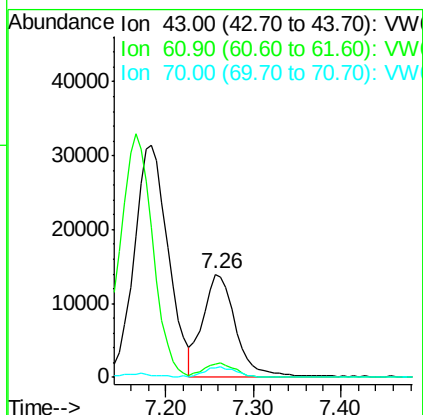
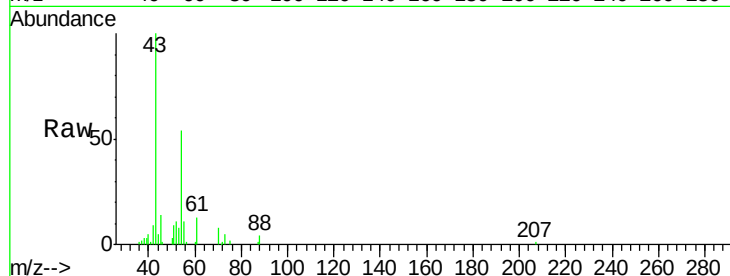




#37
Ethyl Acetate
Concen: 17.906 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

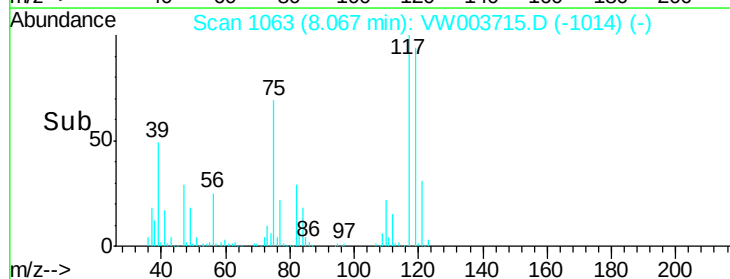
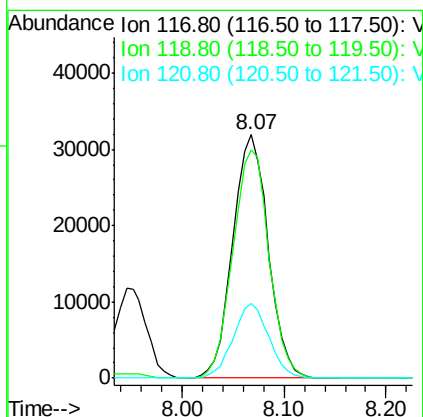
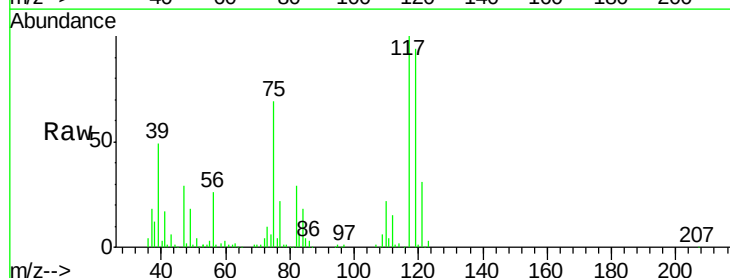
Instrument :
MSVOA_W
ClientSampleId :

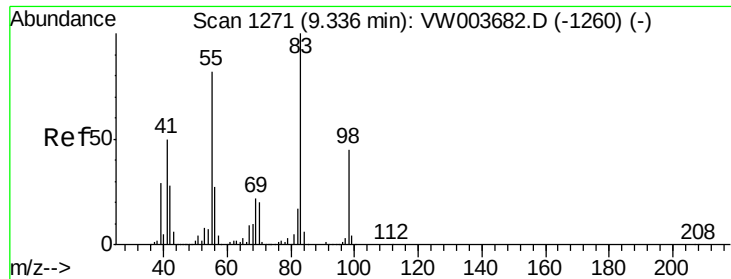
Tot Ion: 43 Resp: 36071
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.553 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 117 Resp: 76981
Ion Ratio Lower Upper
117 100
119 93.7 74.1 111.1
121 30.6 25.0 37.4

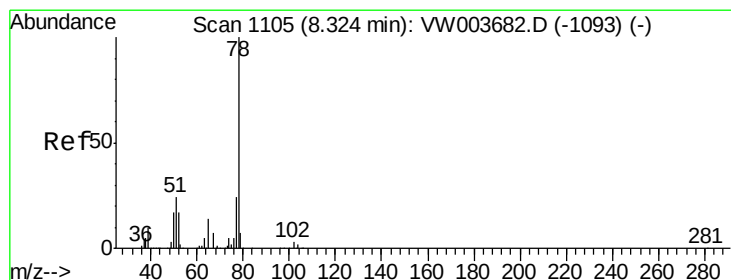
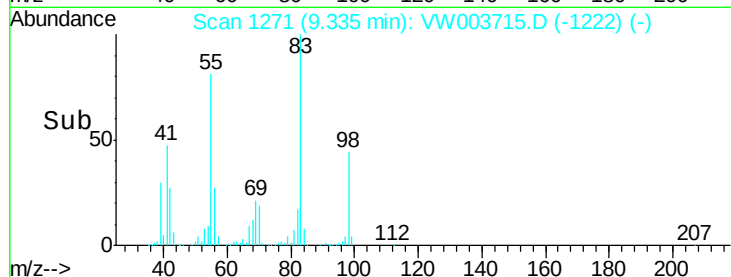
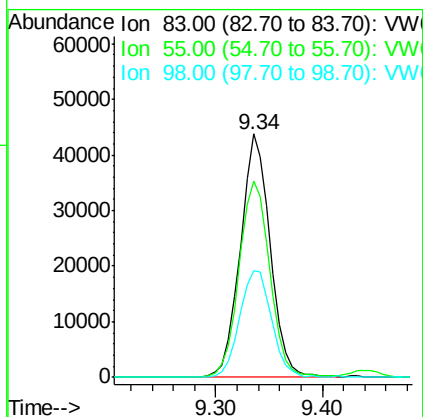
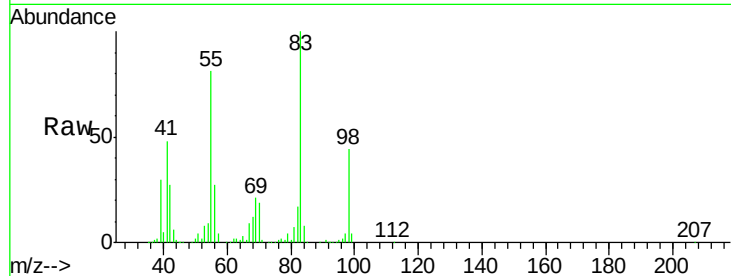




#39
Methylvlcyclohexane
Concen: 18.137 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

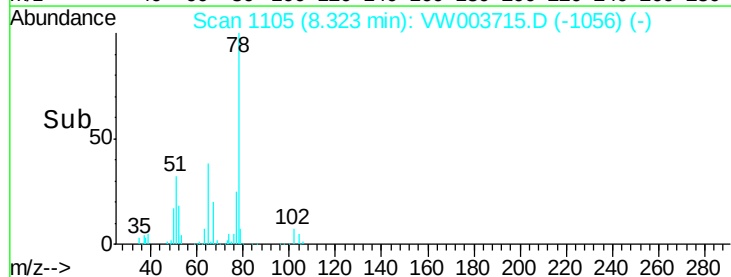
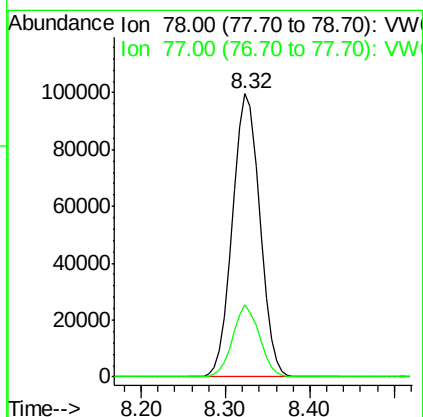
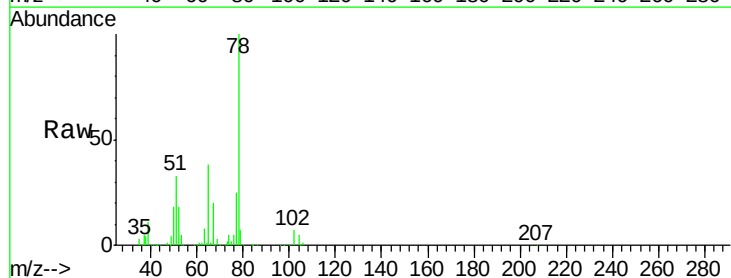
Instrument :
MSVOA_W
ClientSampled :

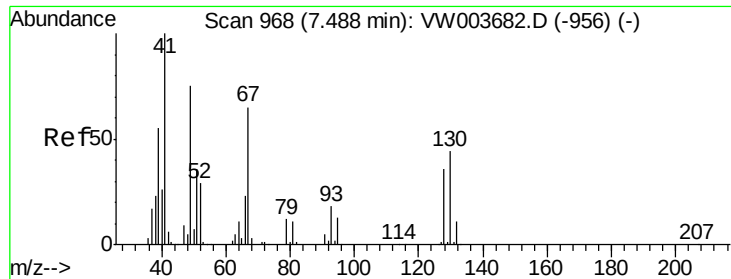
Tot Ion	83	Resp	86438
Ion Ratio	Lower	Upper	
83	100		
55	80.8	65.3	97.9
98	44.0	36.3	54.5



#40
Benzene
Concen: 18.859 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	78	Resp	219370
Ion Ratio	Lower	Upper	
78	100		
77	25.3	19.4	29.0

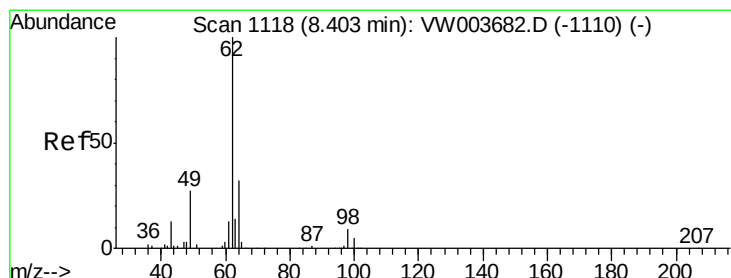
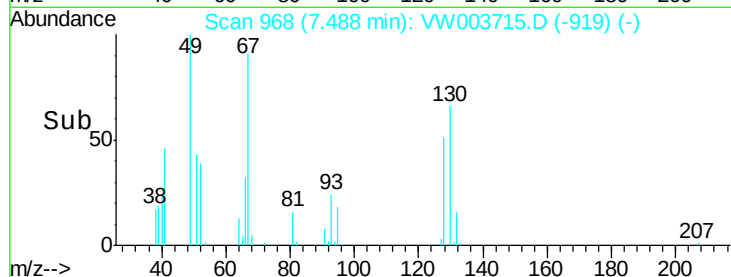
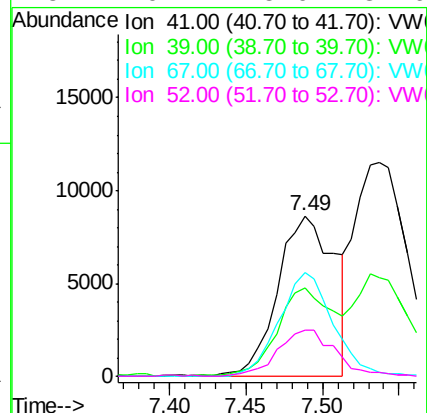
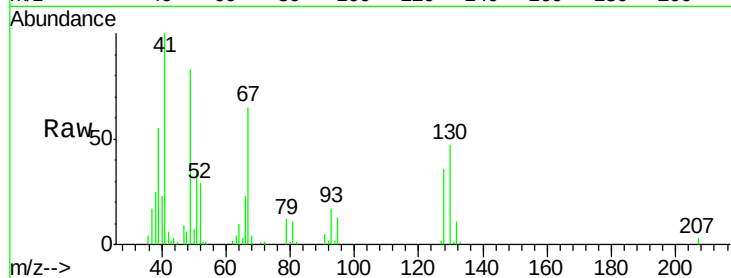




#41
Methacrylonitrile
Concen: 19.560 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

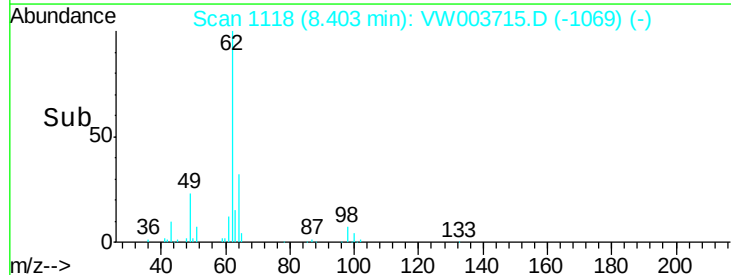
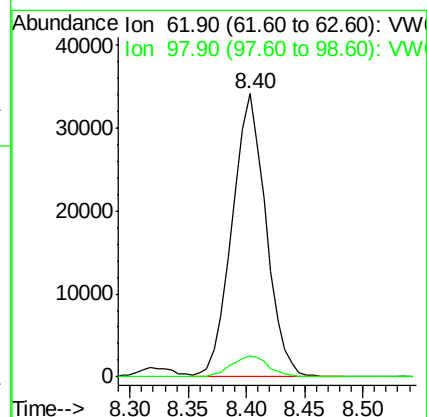
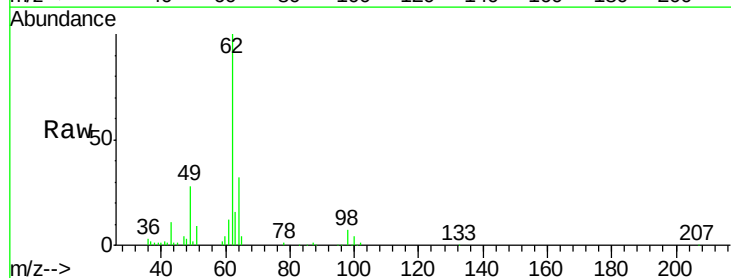
Instrument :
MSVOA_W
ClientSampled :

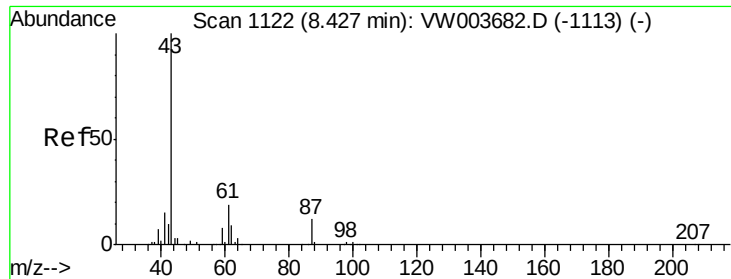
Tot Ion:	41	Resp:	22397
Ion	Ratio	Lower	Upper
41	100		
39	53.0	47.8	71.8
67	61.1	53.9	80.9
52	29.4	25.0	37.6



#42
1,2-Dichloroethane
Concen: 18.884 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion:	62	Resp:	69165
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2

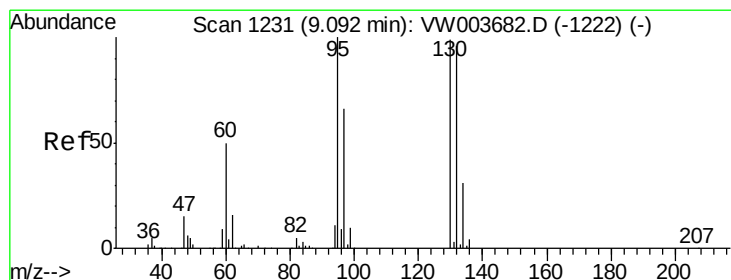
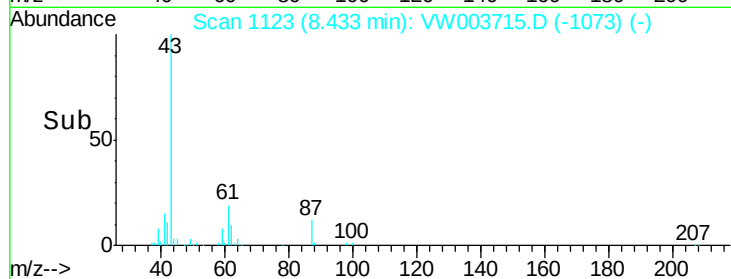
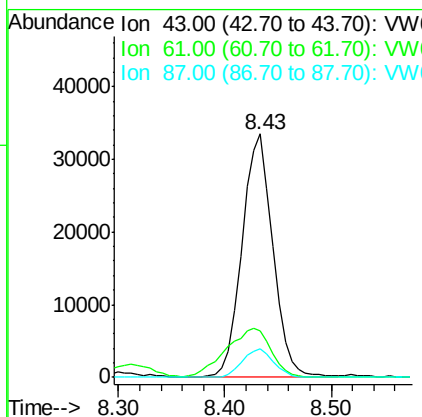
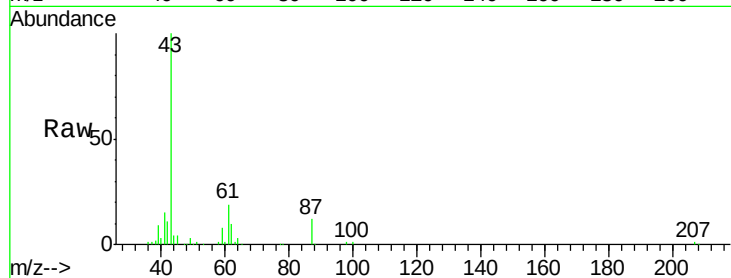




#43
Isopropyl Acetate
Concen: 18.010 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

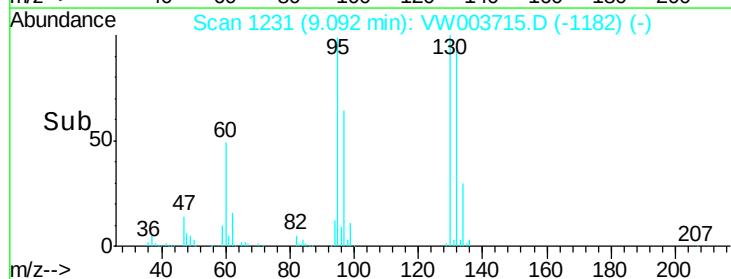
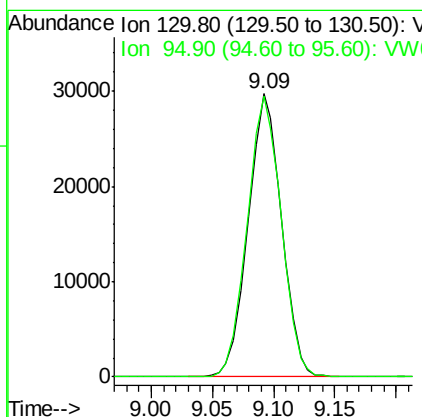
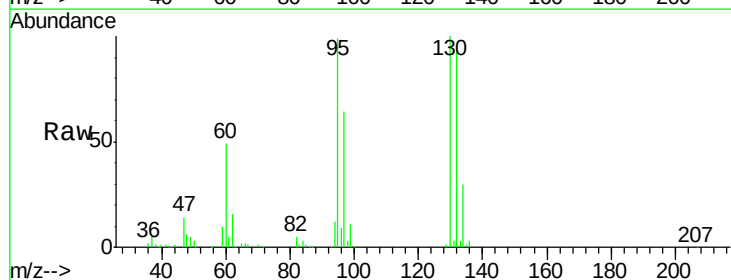
Instrument :
MSVOA_W
ClientSampled :

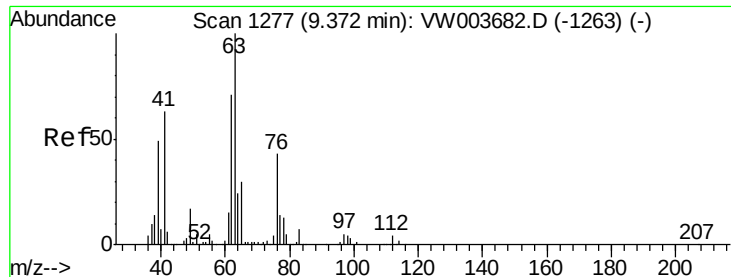
Tot Ion: 43 Resp: 68332
Ion Ratio Lower Upper
43 100
61 29.0 23.0 34.6
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 18.788 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion:130 Resp: 56497
Ion Ratio Lower Upper
130 100
95 99.4 0.0 202.6

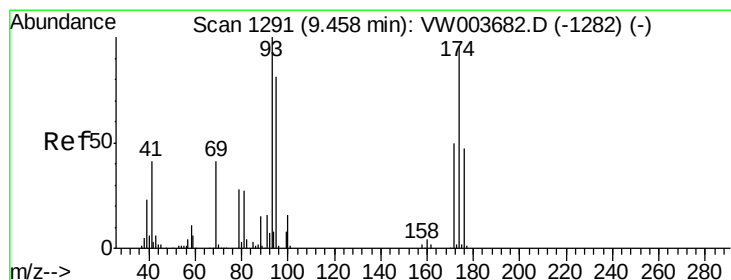
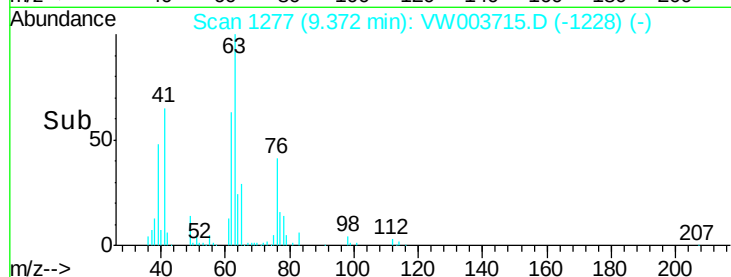
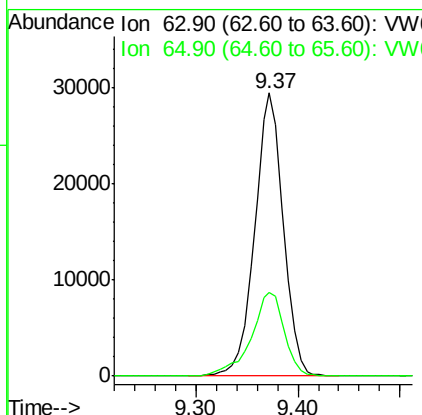
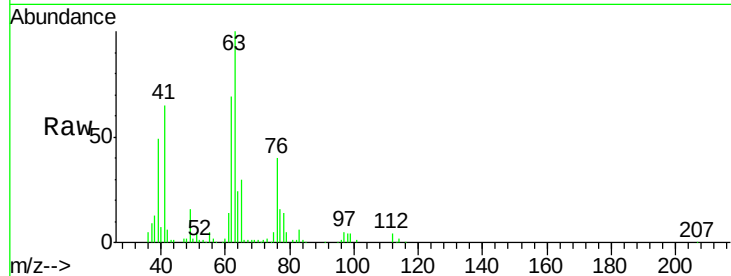




#45
 1,2-Dichloropropane
 Concen: 18.987 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

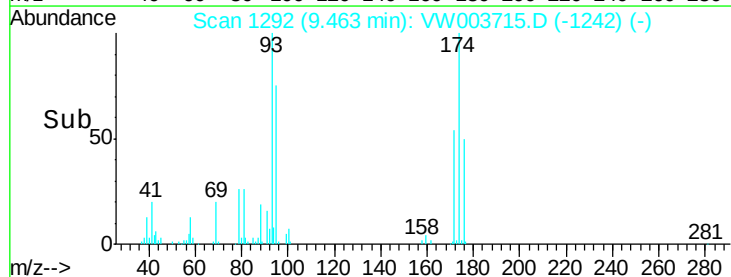
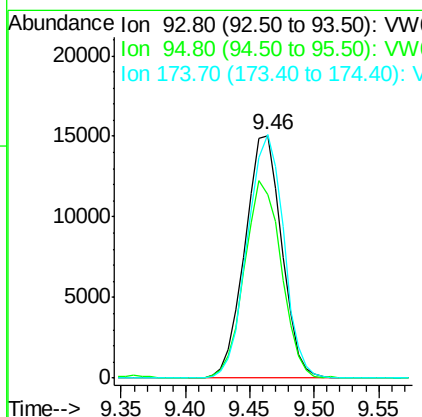
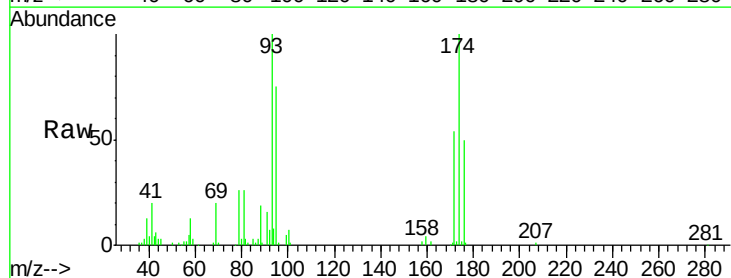
Instrument :
 MSVOA_W
 ClientSampleId :

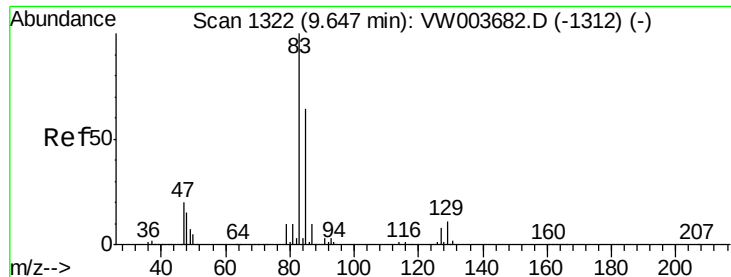
Tot Ion: 63 Resp: 57294
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.3 36.5



#46
 Dibromomethane
 Concen: 18.988 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion: 93 Resp: 29756
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.2 99.4
 174 99.0 79.6 119.4





#47

Bromodichloromethane

Concen: 19.126 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampled :

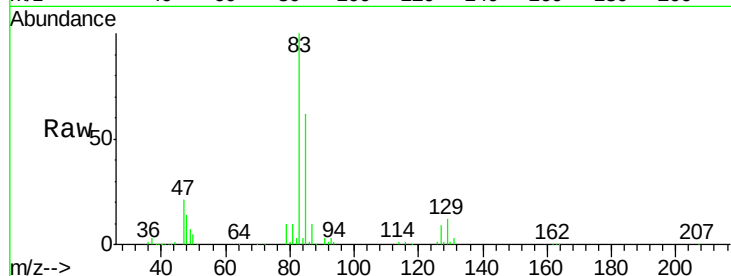
Tot Ion: 83 Resp: 74092

Ion Ratio Lower Upper

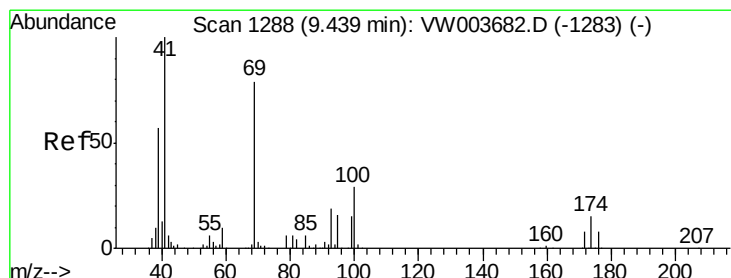
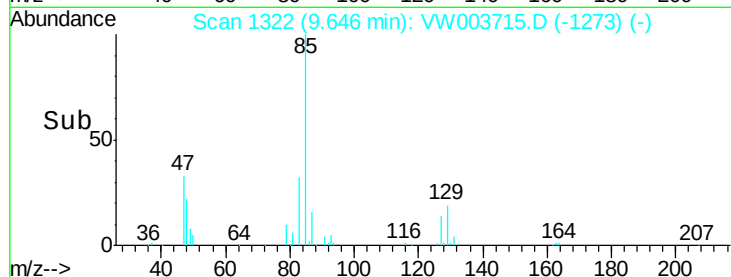
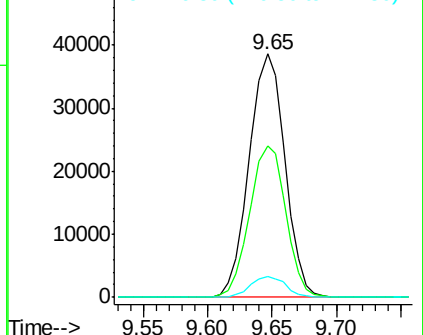
83 100

85 62.4 51.1 76.7

127 8.7 6.5 9.7



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



#48

Methyl methacrylate

Concen: 18.072 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

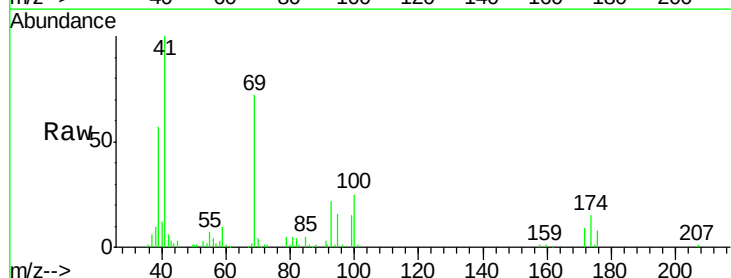
Tgt Ion: 41 Resp: 31615

Ion Ratio Lower Upper

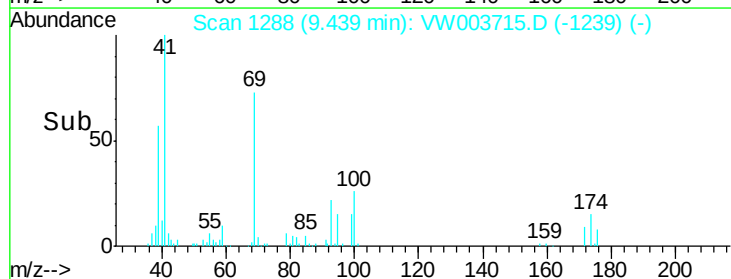
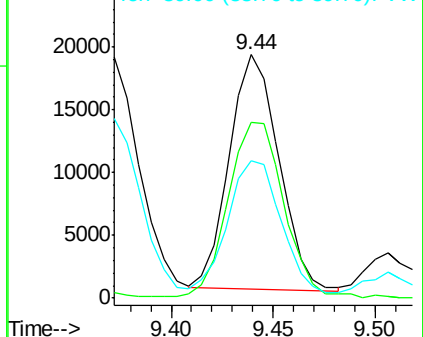
41 100

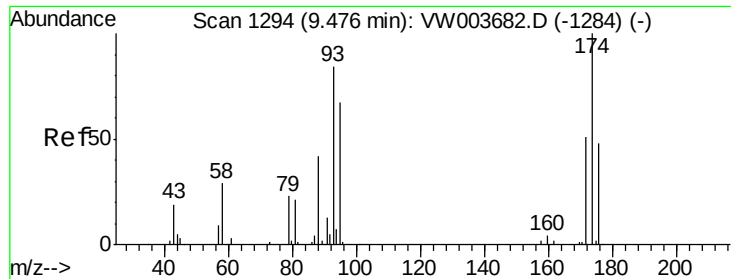
69 85.1 65.4 98.2

39 59.2 50.0 75.0



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





#49

1,4-Dioxane

Concen: 371.638 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :

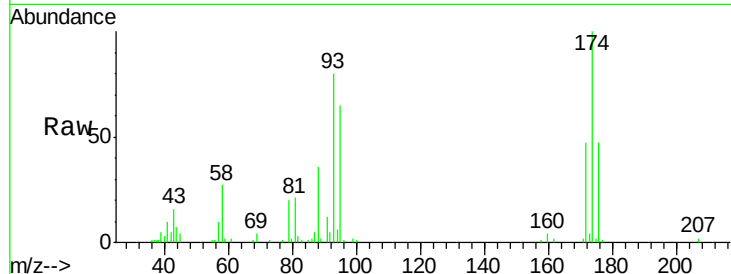
Tot Ion: 88 Resp: 9136

Ion Ratio Lower Upper

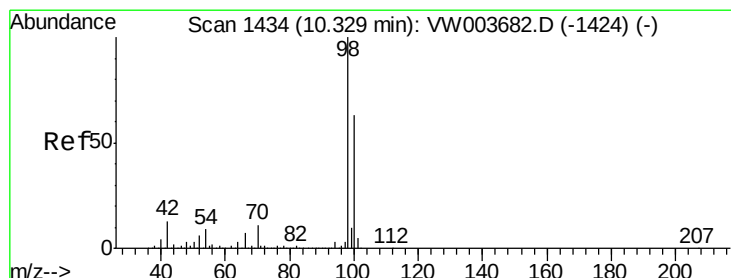
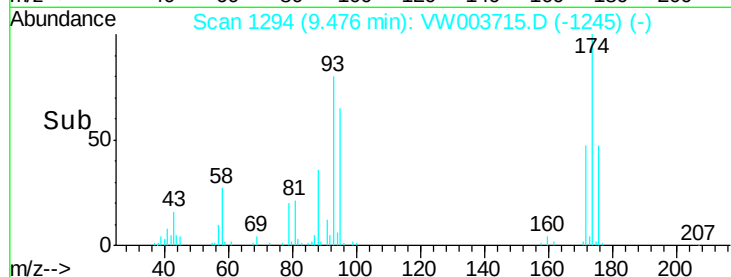
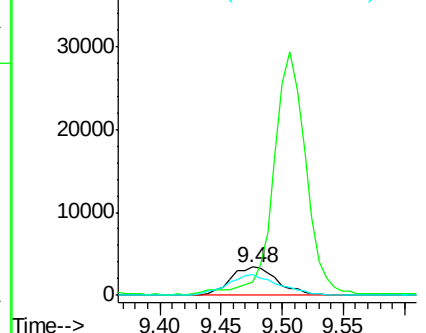
88 100

43 0.0 0.0 0.0

58 80.1 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: 50.399 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003715.D

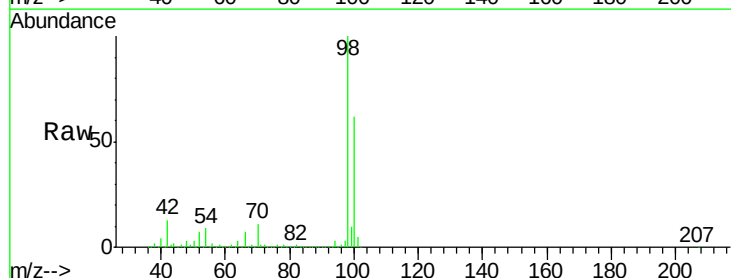
Acq: 05 Jul 2018 12:41

Tgt Ion: 98 Resp: 532004

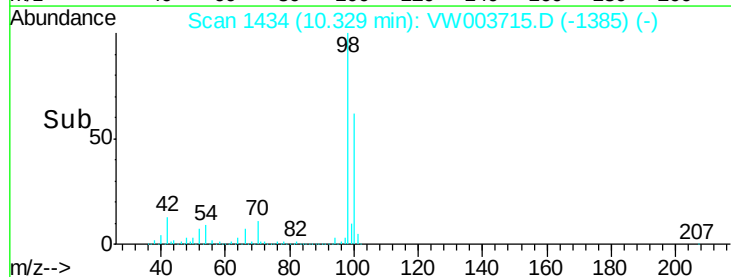
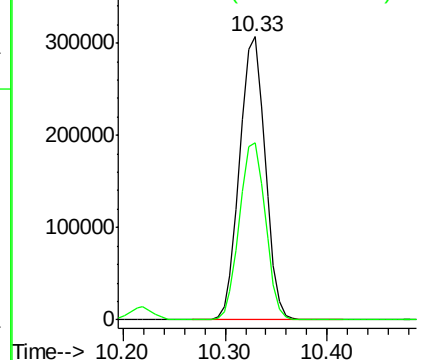
Ion Ratio Lower Upper

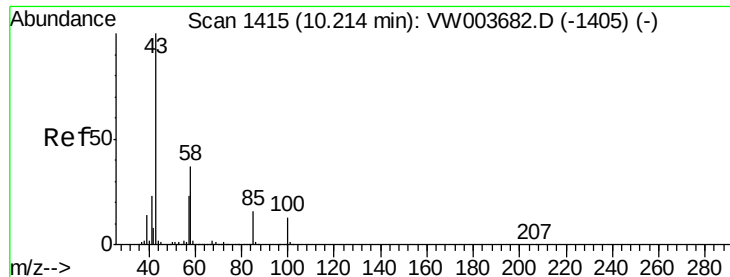
98 100

100 63.8 50.8 76.2



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

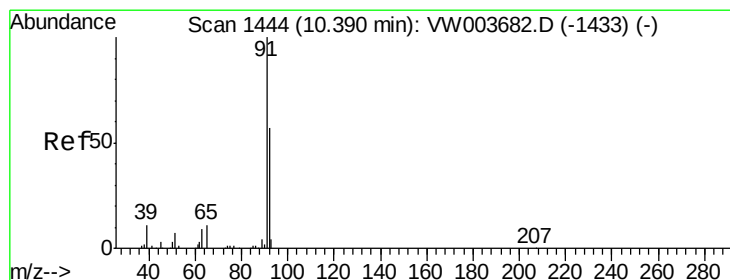
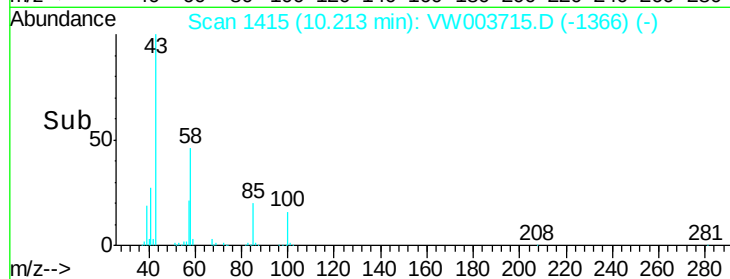
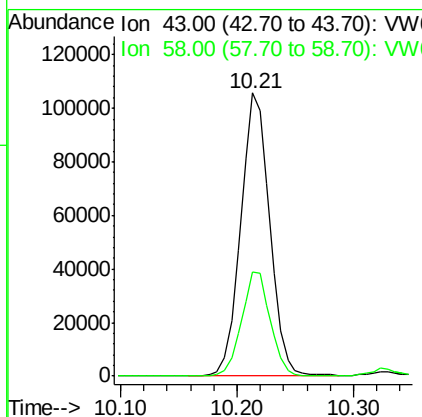
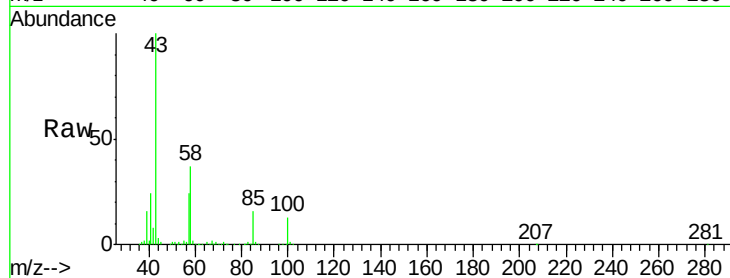




#51
 4-Methyl-2-Pentanone
 Concen: 91.777 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

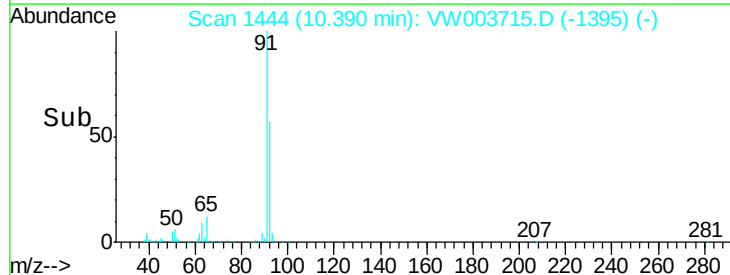
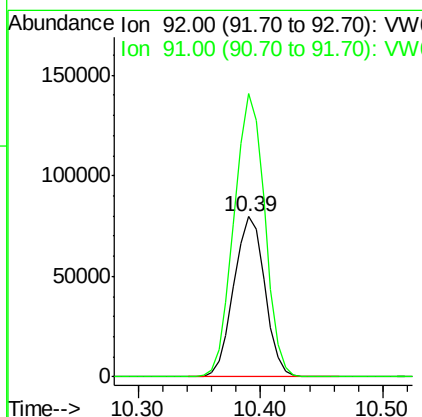
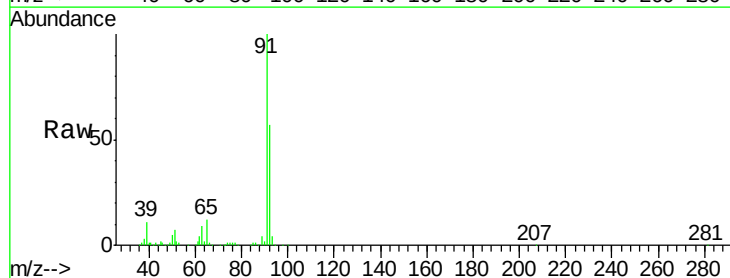
Instrument :
 MSVOA_W
 ClientSampled :

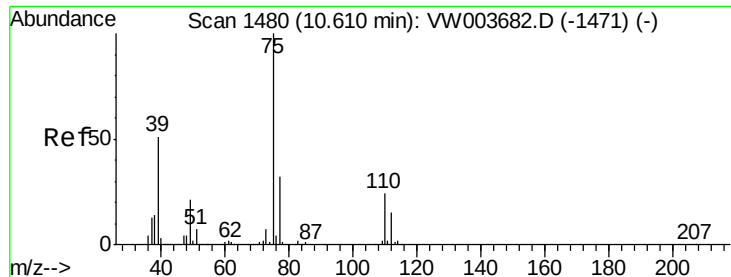
Tot Ion: 43 Resp: 183482
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.6 44.4



#52
 Toluene
 Concen: 19.289 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion: 92 Resp: 140021
 Ion Ratio Lower Upper
 92 100
 91 175.1 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 18.563 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

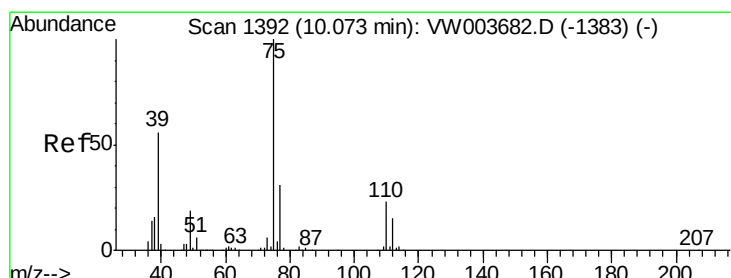
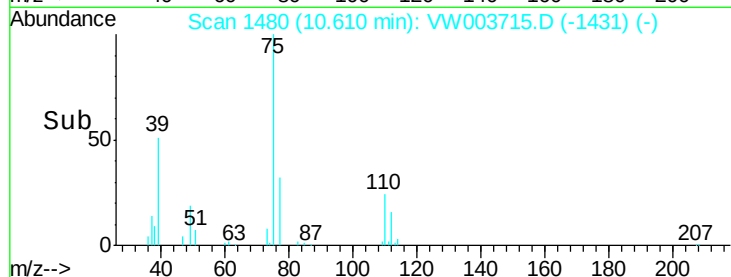
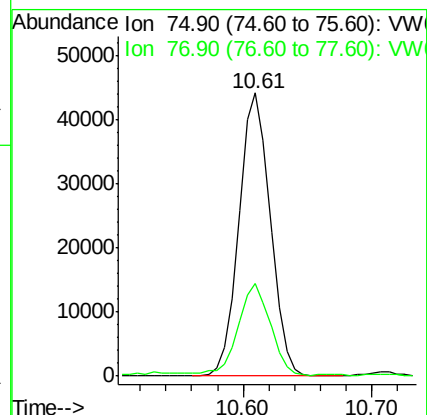
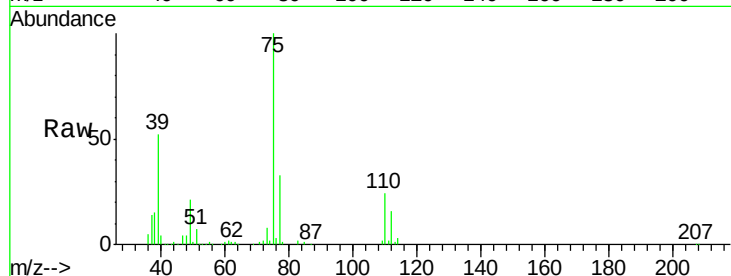
ClientSampleId :

Tot Ion: 75 Resp: 74602

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.869 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

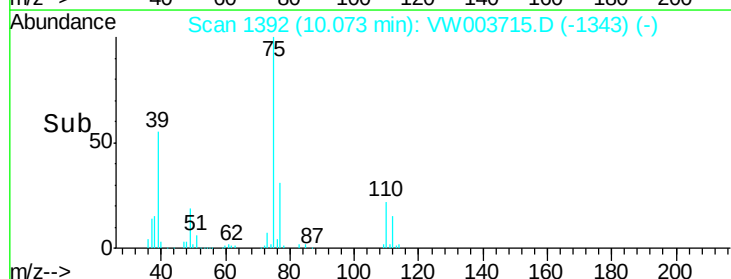
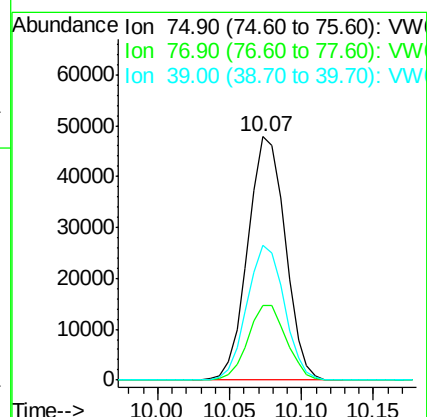
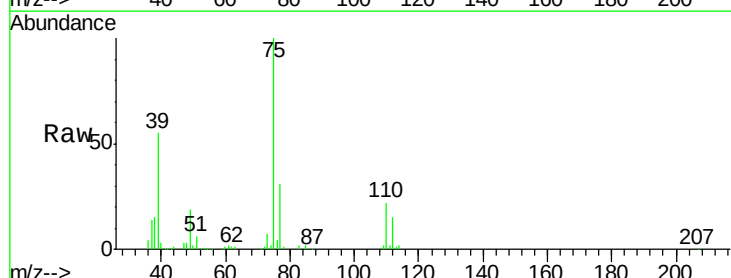
Tgt Ion: 75 Resp: 85974

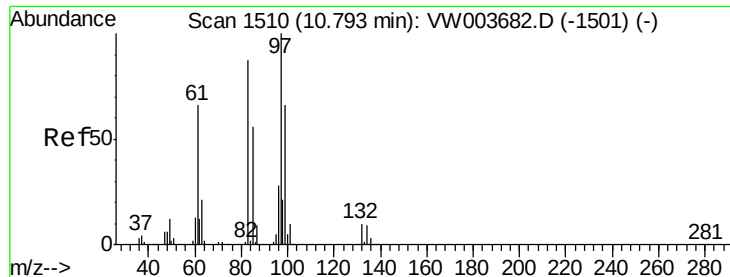
Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

39 55.2 44.6 67.0

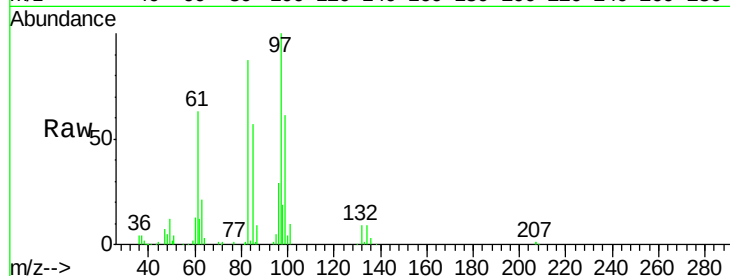




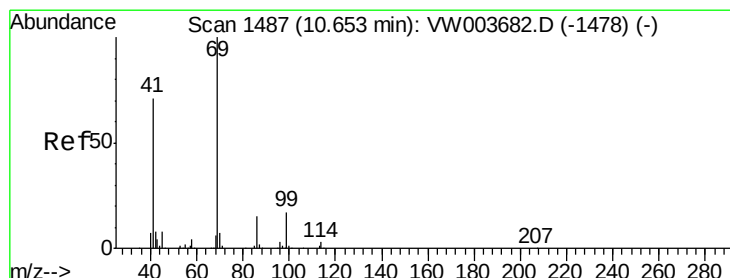
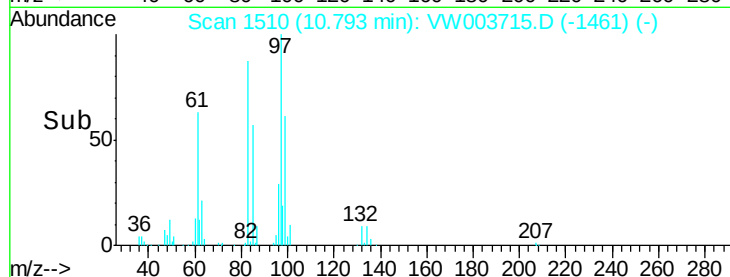
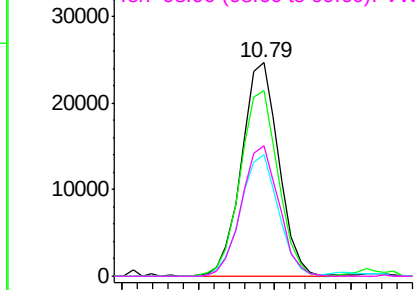
#55
 1,1,2-Trichloroethane
 Concen: 18.932 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	41797
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.5	104.3
85	57.0	44.7	67.1
99	60.9	52.6	78.8

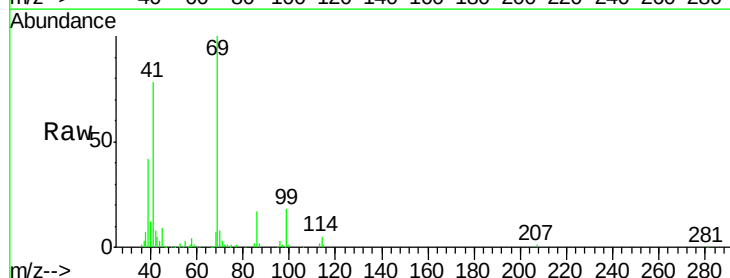


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

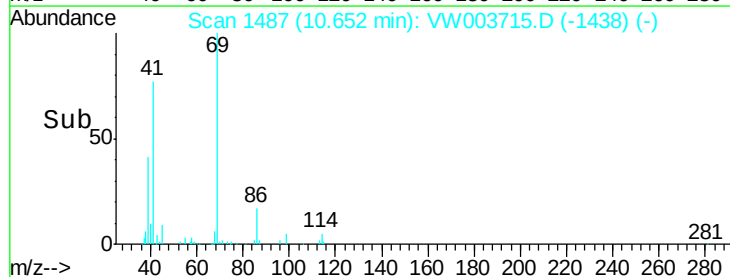
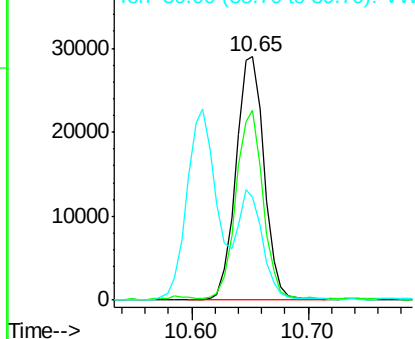


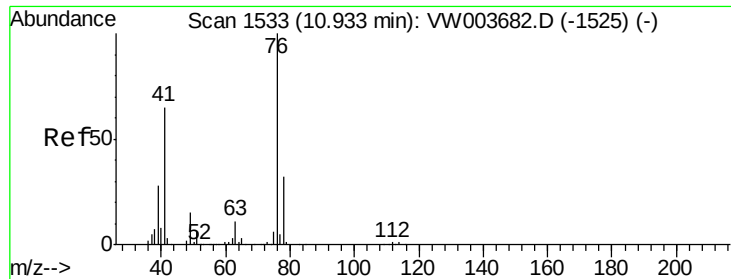
#56
 Ethyl methacrylate
 Concen: 18.146 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion:	69	Resp:	49145
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.5	86.3
39	36.9	29.4	44.0



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

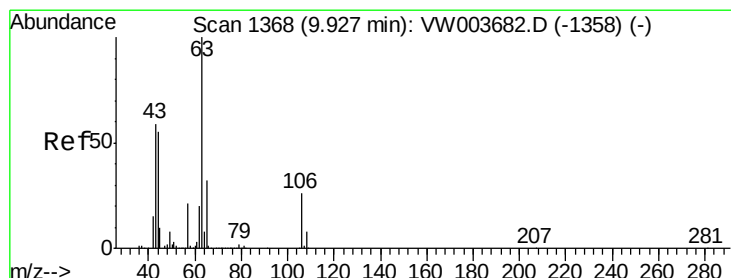
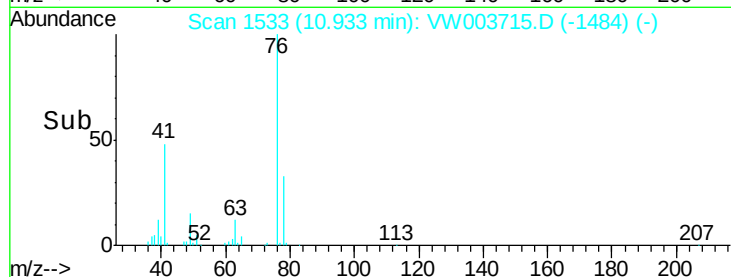
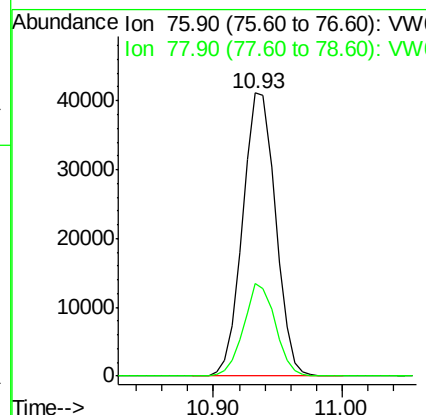
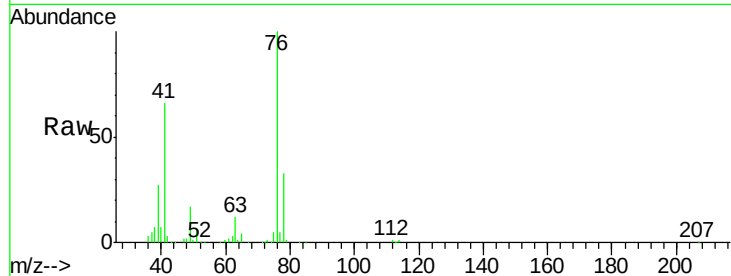




#57
 1,3-Dichloropropane
 Concen: 18.940 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

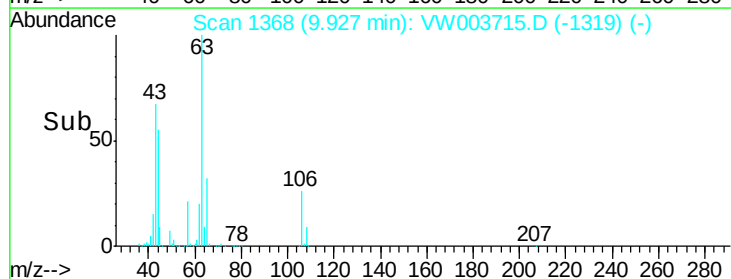
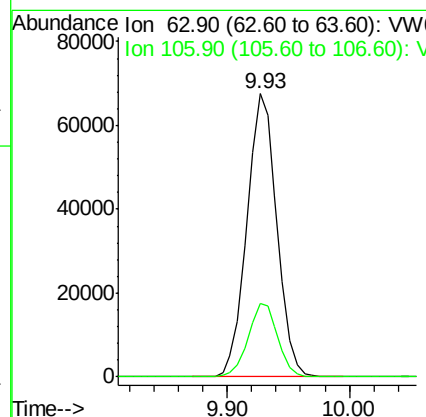
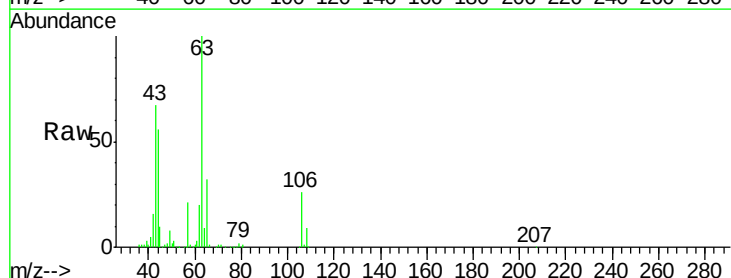
Instrument :
 MSVOA_W
 ClientSampleId :

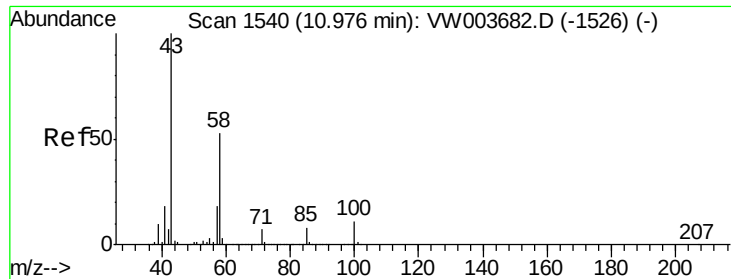
Tot Ion: 76 Resp: 72640
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.031 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion: 63 Resp: 114506
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.7 31.1

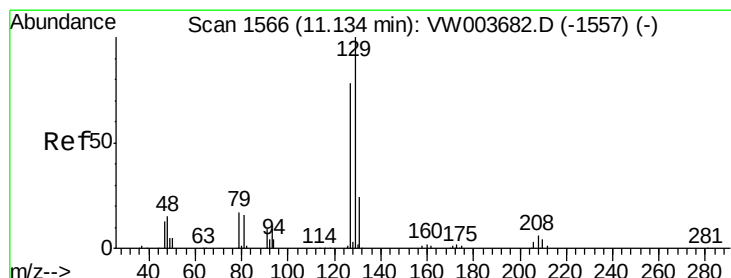
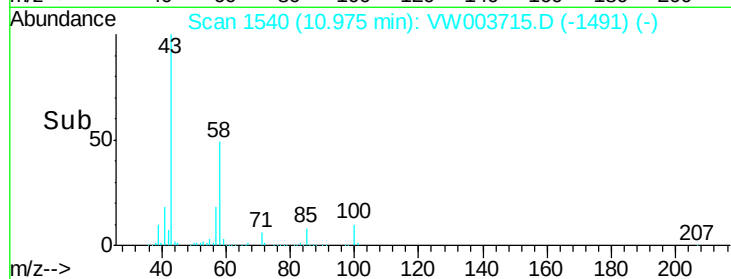
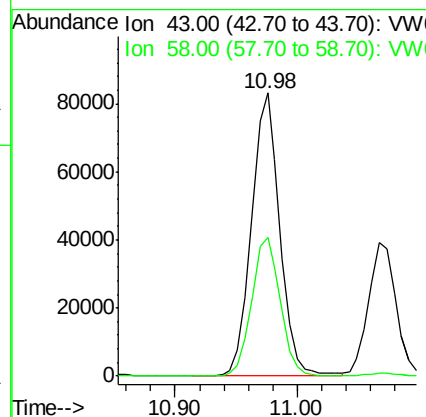
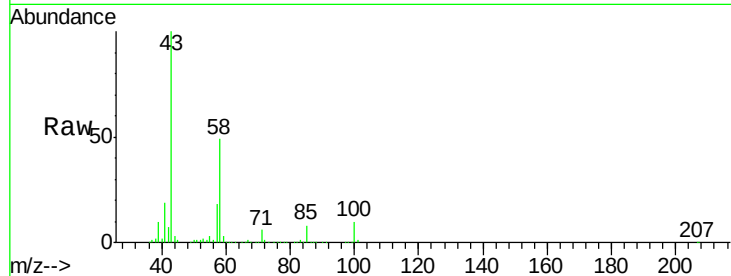




#59
2-Hexanone
Concen: 93.672 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

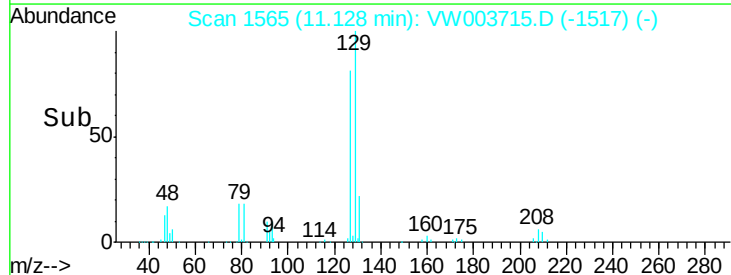
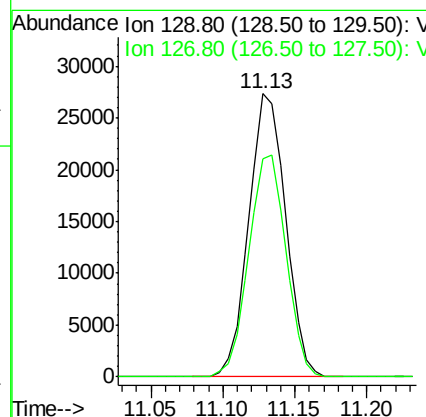
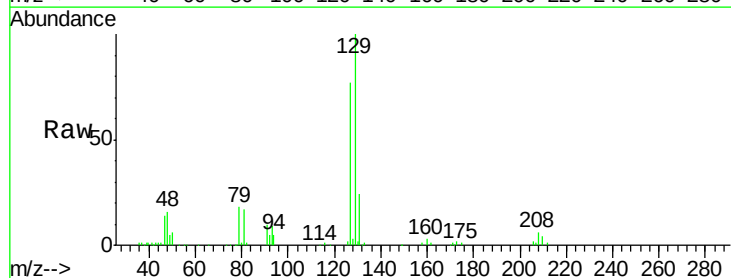
Instrument :
MSVOA_W
ClientSampled :

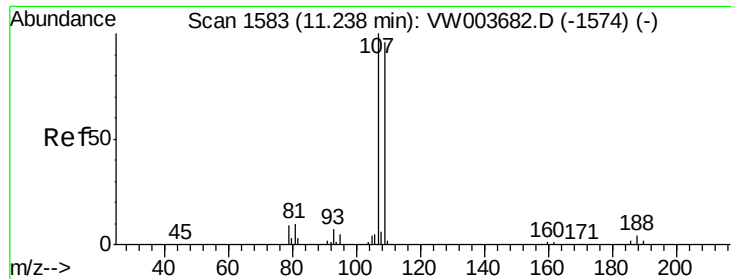
Tot Ion: 43 Resp: 133868
Ion Ratio Lower Upper
43 100
58 49.5 25.9 77.6



#60
Dibromochloromethane
Concen: 18.739 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 129 Resp: 48366
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.2

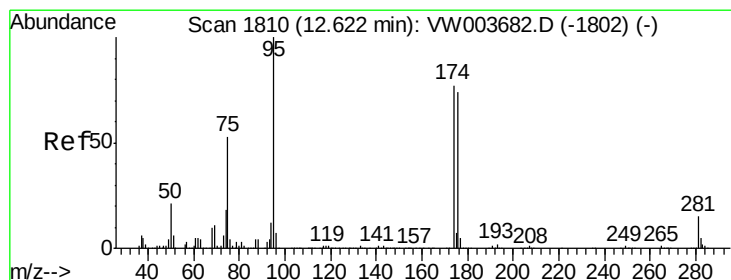
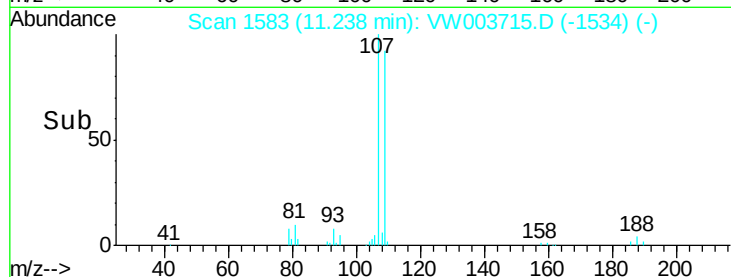
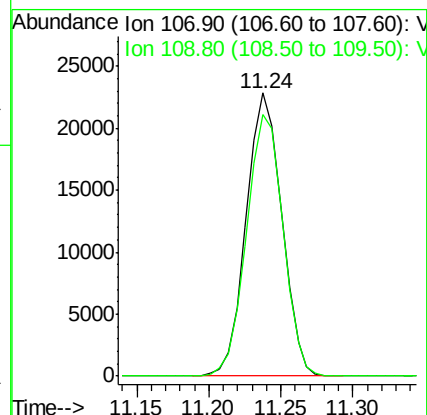
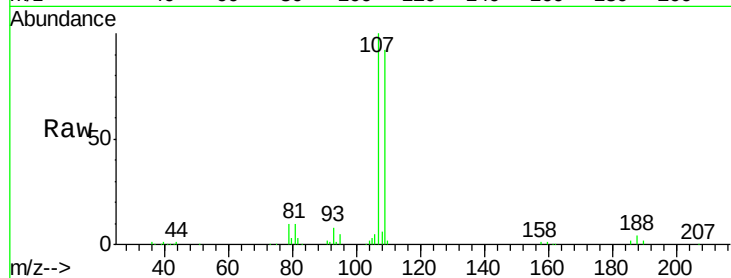




#61
 1,2-Dibromoethane
 Concen: 18.469 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

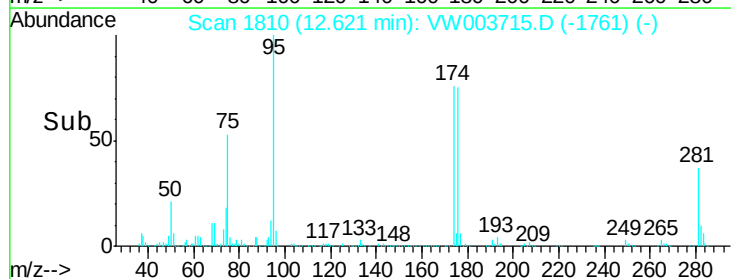
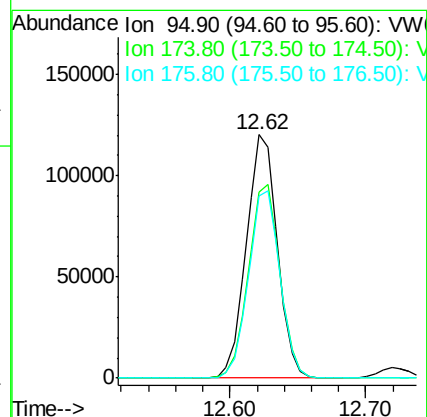
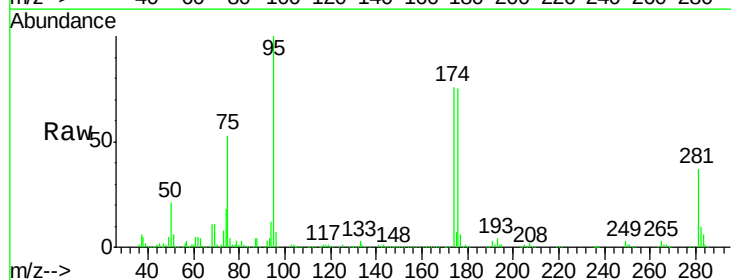
Instrument :
 MSVOA_W
 ClientSampled :

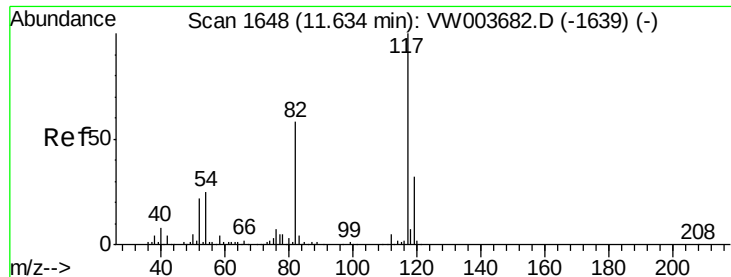
Tot Ion: 107 Resp: 39057
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.511 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion: 95 Resp: 191547
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 161.2
 176 78.1 0.0 155.0

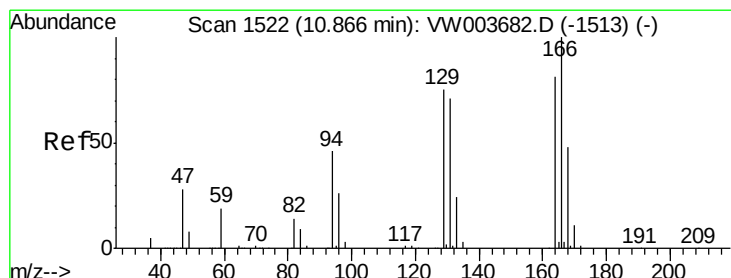
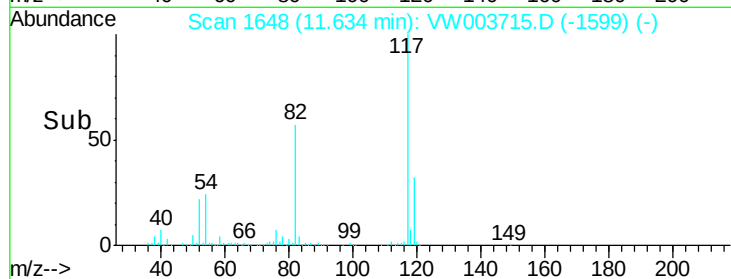
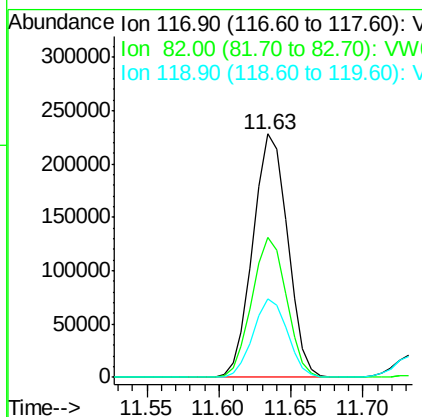
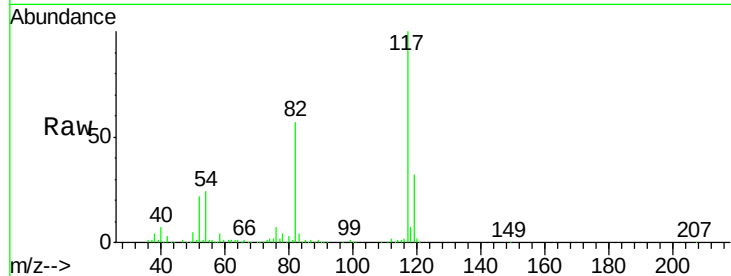




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

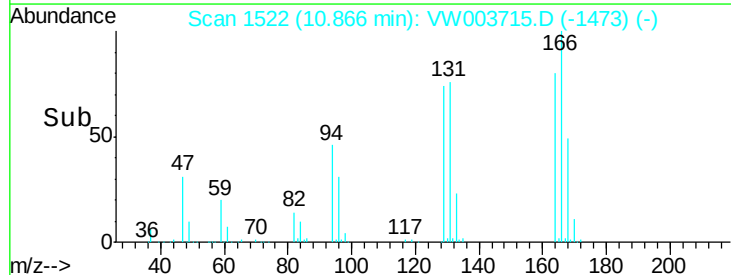
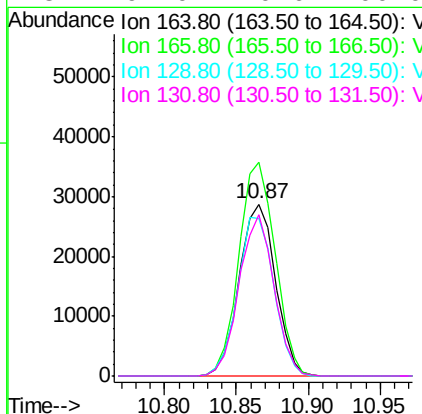
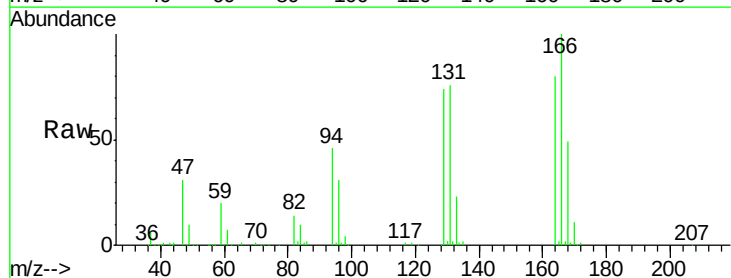
Instrument :
MSVOA_W
ClientSampleId :

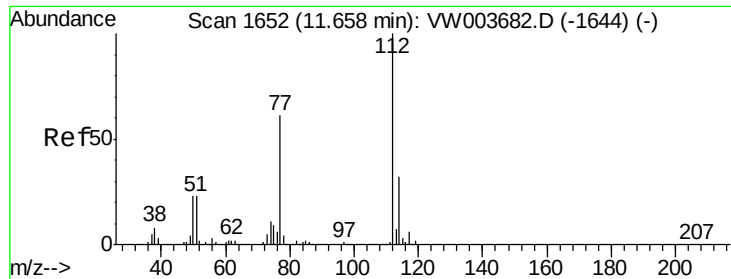
Tot Ion:117 Resp: 381160
Ion Ratio Lower Upper
117 100
82 57.3 46.0 69.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.599 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion:164 Resp: 50492
Ion Ratio Lower Upper
164 100
166 124.4 99.0 148.4
129 91.7 73.8 110.6
131 94.0 70.6 106.0

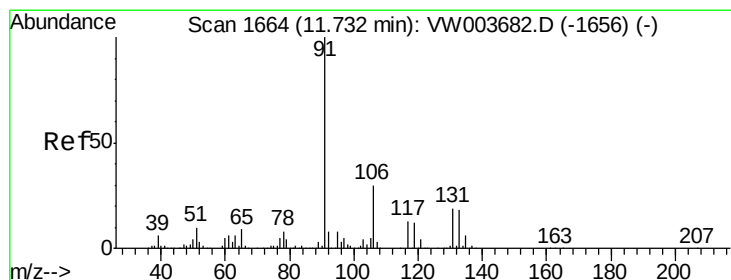
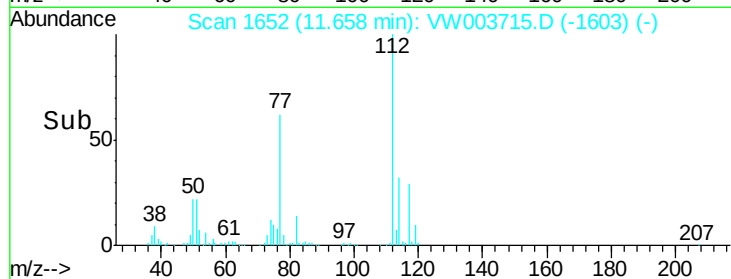
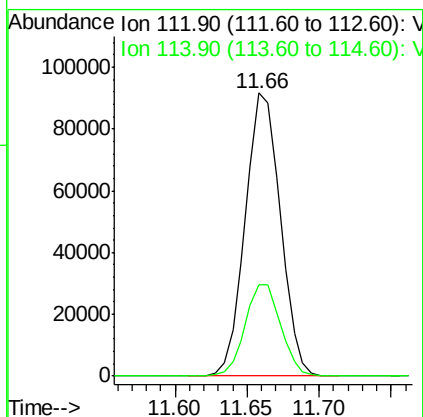
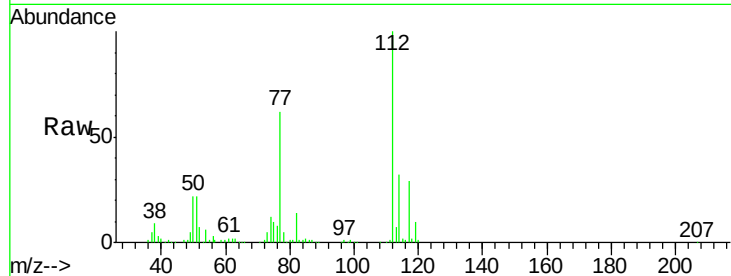




#65
Chlorobenzene
Concen: 19.303 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

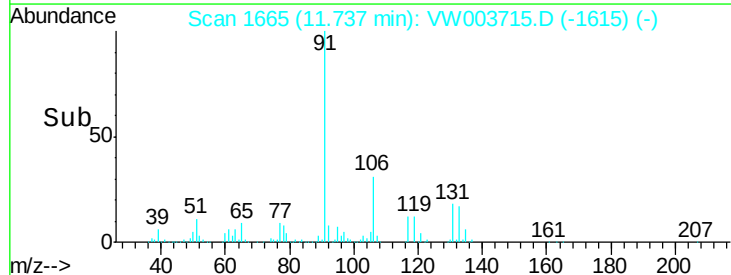
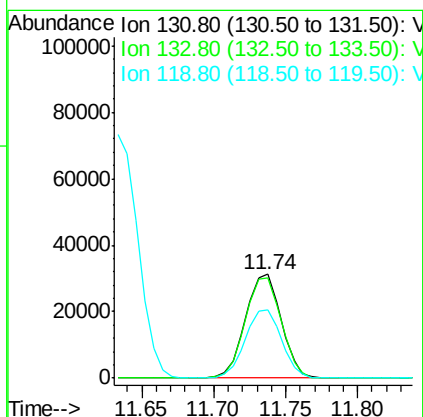
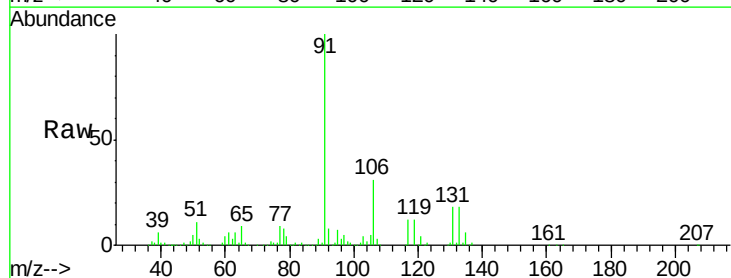
Instrument :
MSVOA_W
ClientSampled :

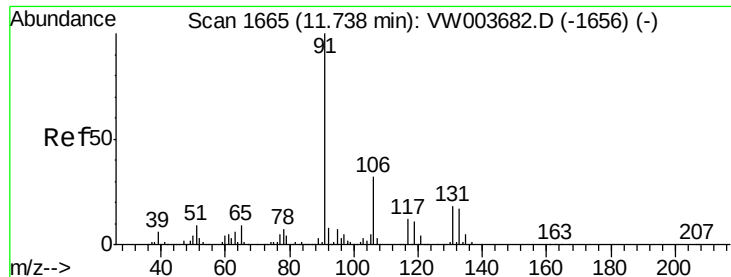
Tot Ion:112 Resp: 154685
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.150 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion:131 Resp: 53629
Ion Ratio Lower Upper
131 100
133 98.0 47.6 142.8
119 67.4 31.9 95.9

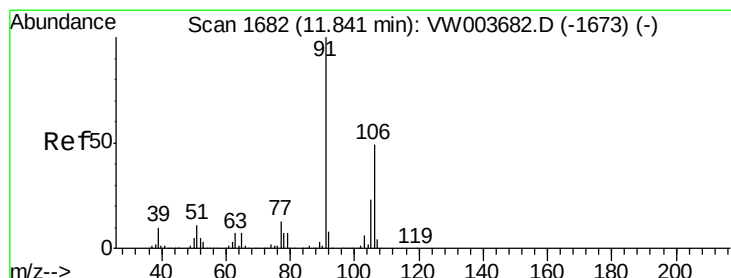
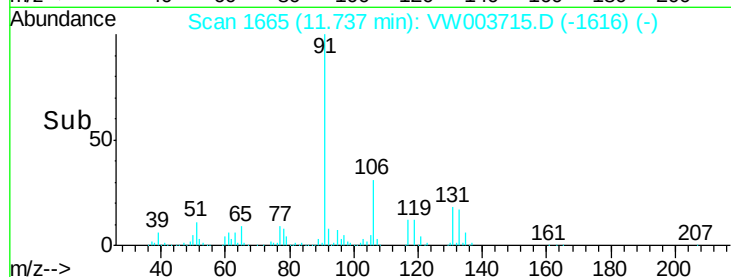
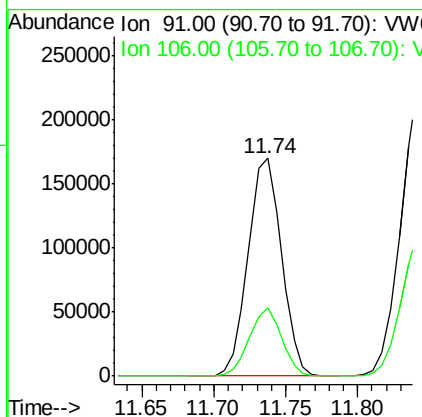
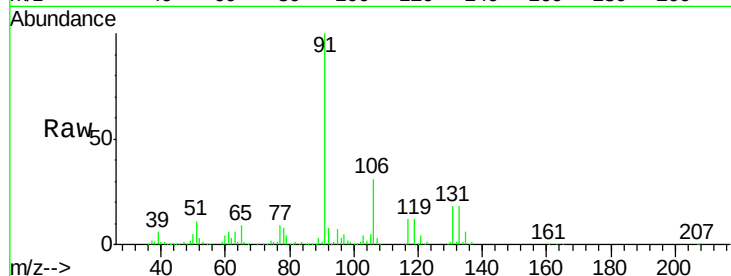




#67
Ethyl Benzene
Concen: 19.425 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

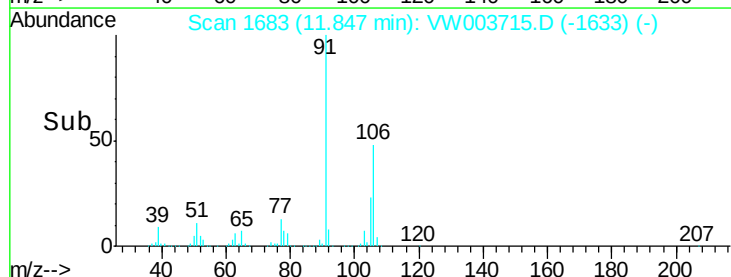
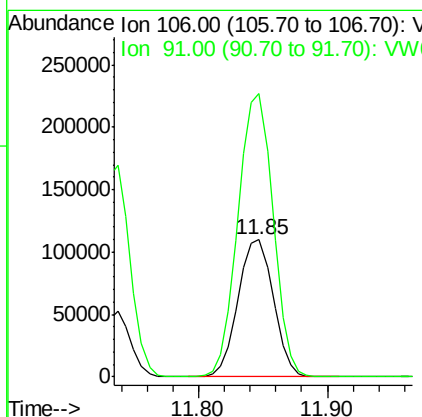
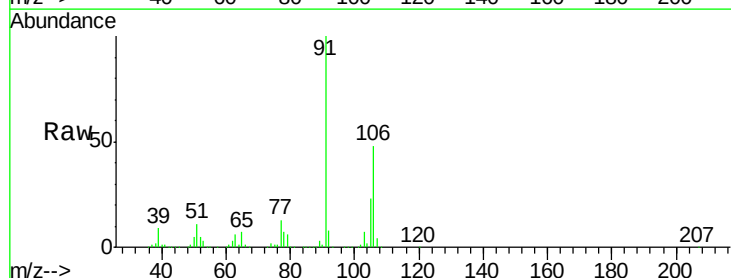
Instrument :
MSVOA_W
ClientSampled :

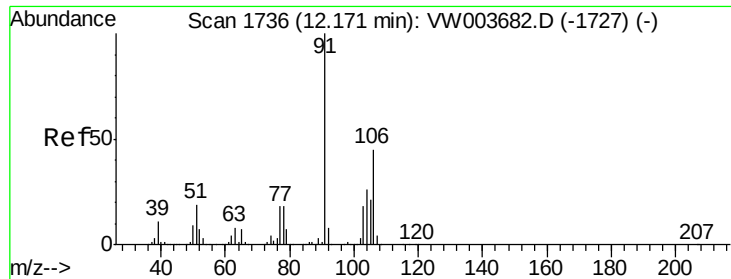
Tot Ion: 91 Resp: 272736
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 39.247 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 106 Resp: 209553
Ion Ratio Lower Upper
106 100
91 204.6 163.7 245.5

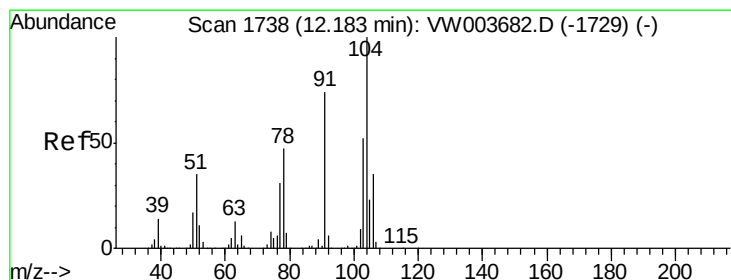
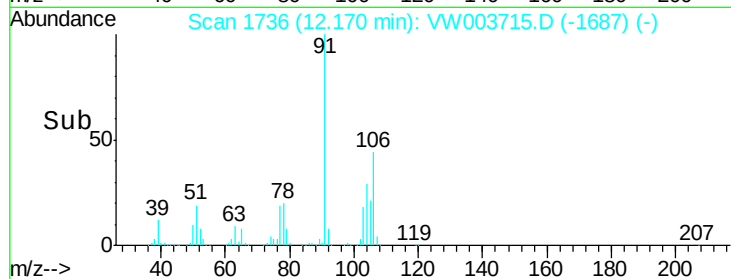
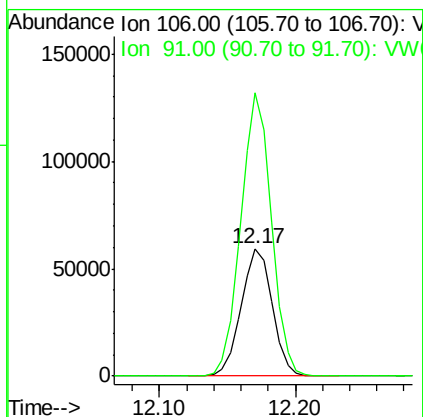
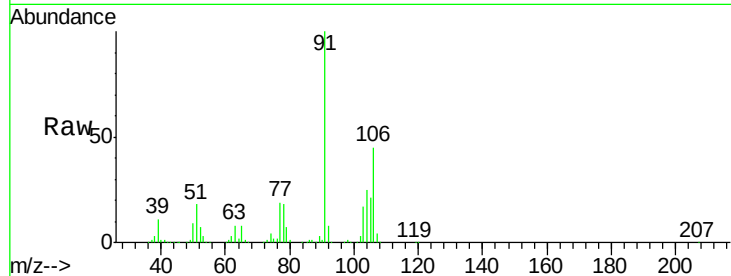




#69
o-Xylene
Concen: 19.222 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

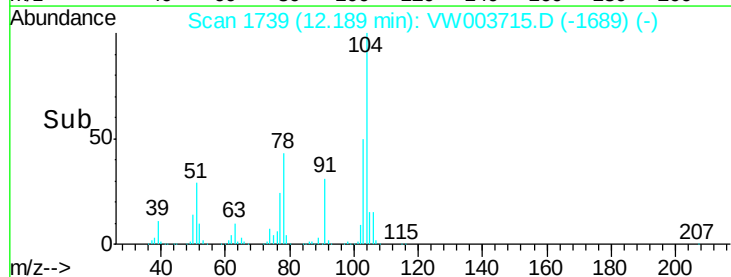
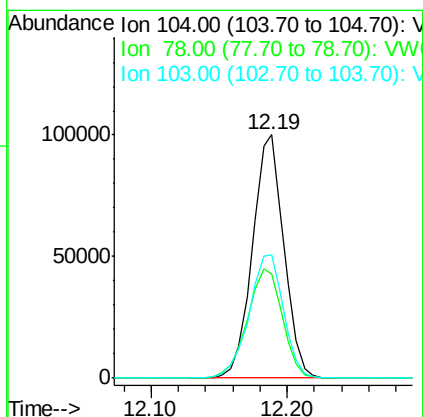
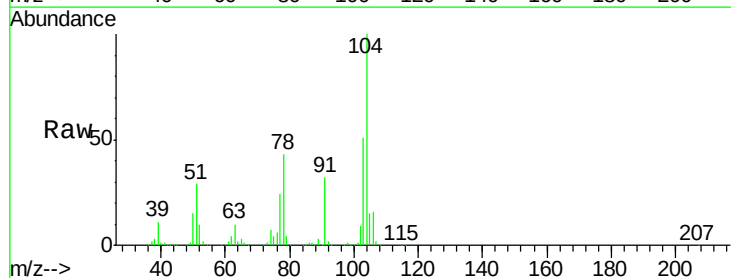
Instrument :
MSVOA_W
ClientSampled :

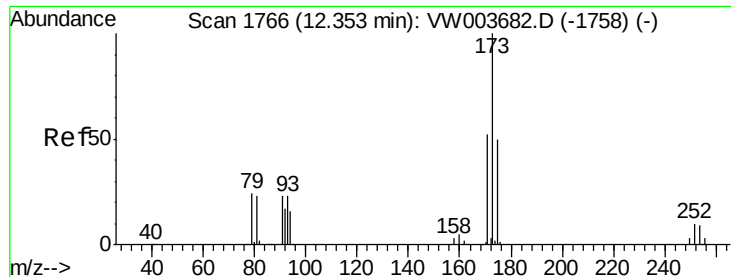
Tot Ion:106 Resp: 94876
Ion Ratio Lower Upper
106 100
91 218.4 109.3 327.8



#70
Styrene
Concen: 19.595 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion:104 Resp: 162447
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 55.6 44.4 66.6





#71

Bromoform

Concen: 18.499 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampled :

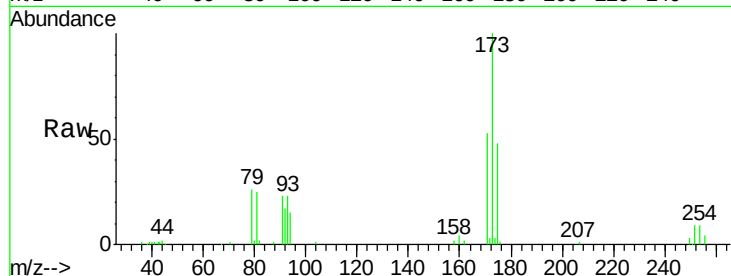
Tot Ion:173 Resp: 28786

Ion Ratio Lower Upper

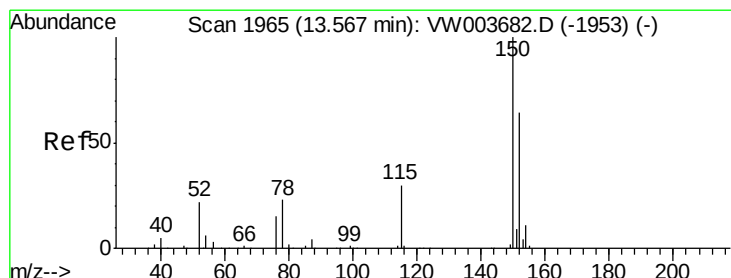
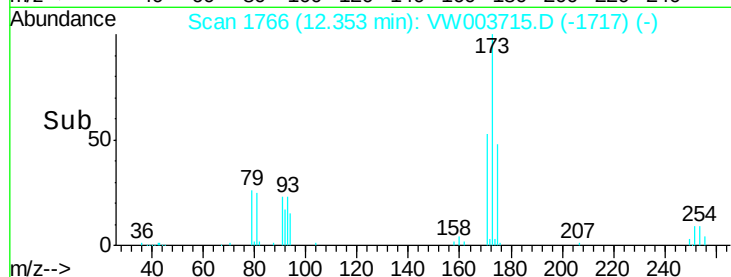
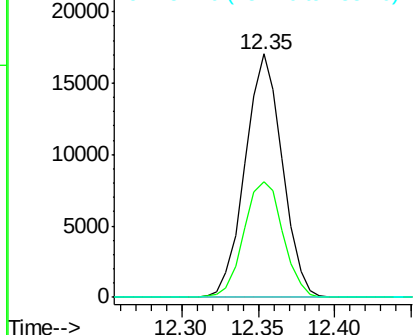
173 100

175 49.8 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: VW003715.D

Acq: 05 Jul 2018 12:41

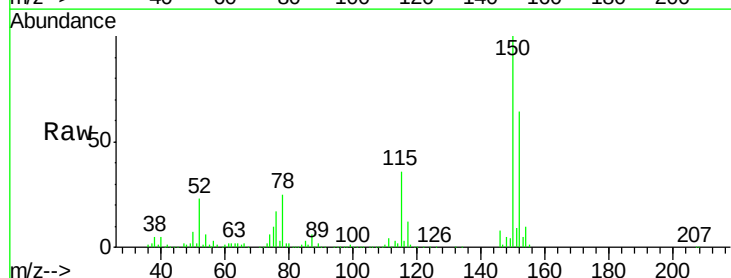
Tgt Ion:152 Resp: 204282

Ion Ratio Lower Upper

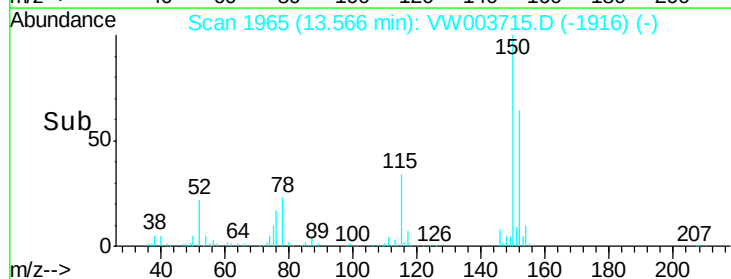
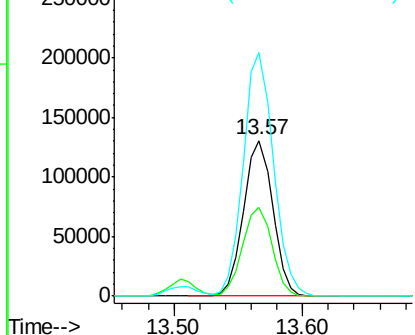
152 100

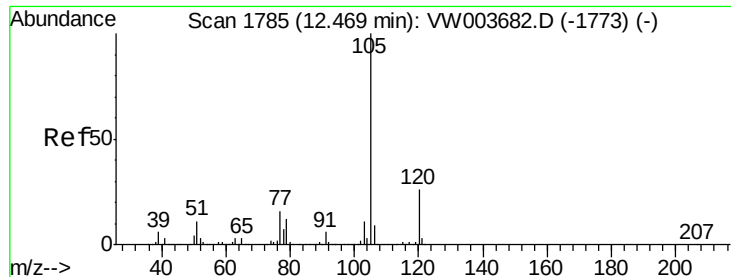
115 57.7 29.3 88.0

150 162.0 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: 19.377 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

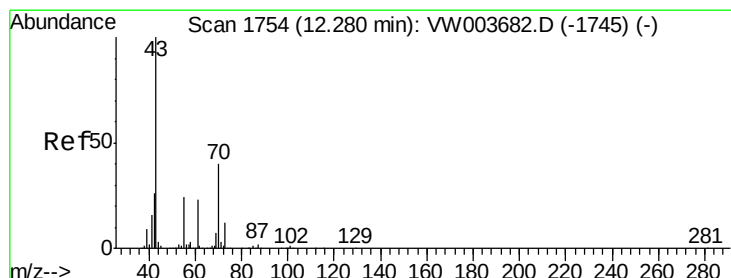
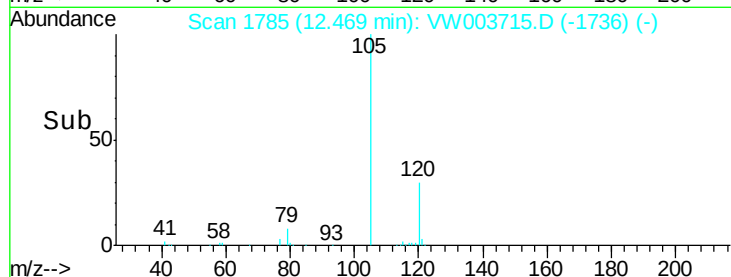
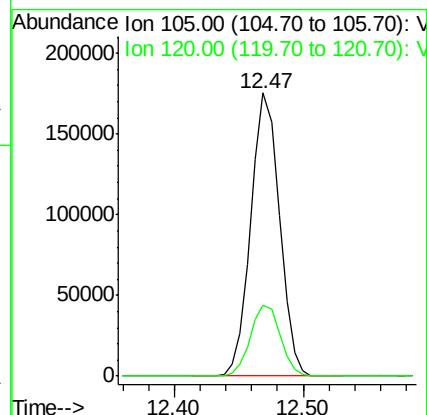
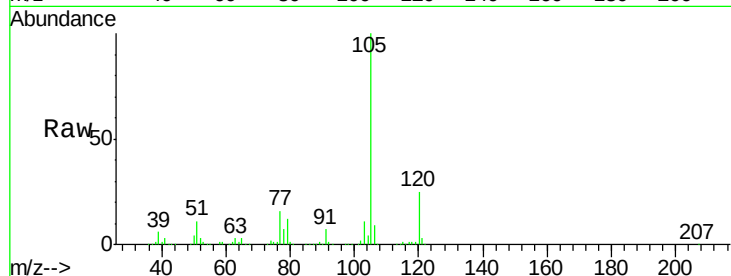
ClientSampleId :

Tot Ion:105 Resp: 269253

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



#74

N-ethyl acetate

Concen: 17.560 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion: 43 Resp: 64432

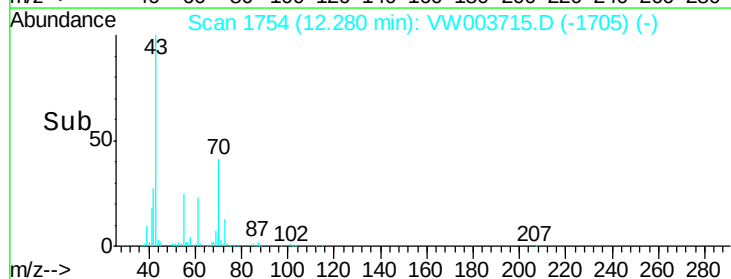
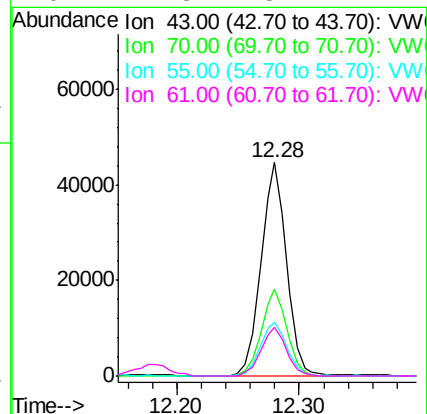
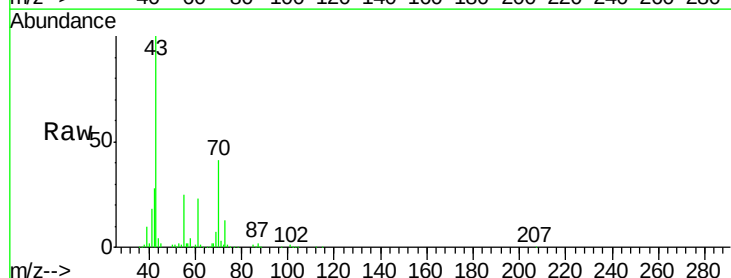
Ion Ratio Lower Upper

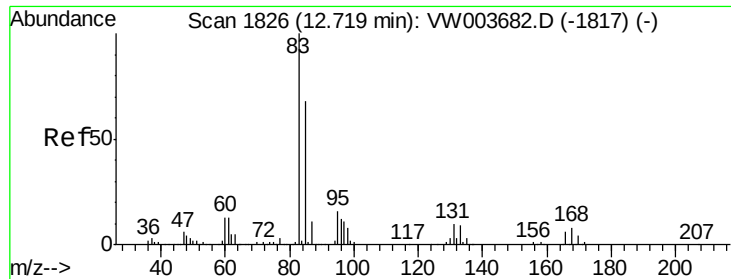
43 100

70 41.2 31.3 46.9

55 26.6 20.1 30.1

61 22.8 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.689 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampled :

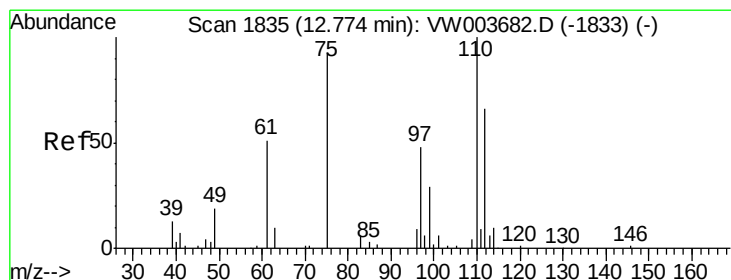
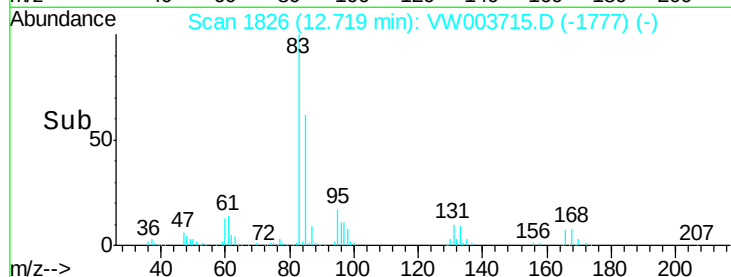
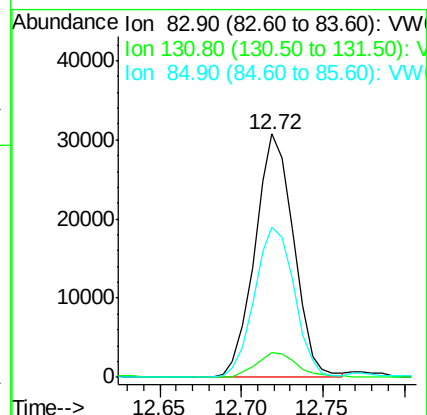
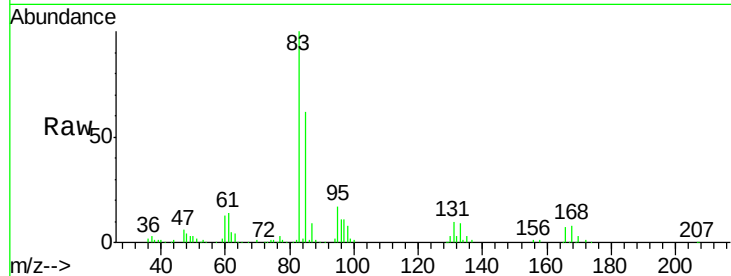
Tot Ion: 83 Resp: 50796

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

85 63.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 36.945 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003715.D

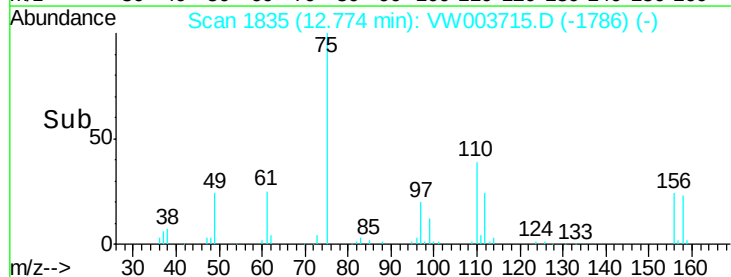
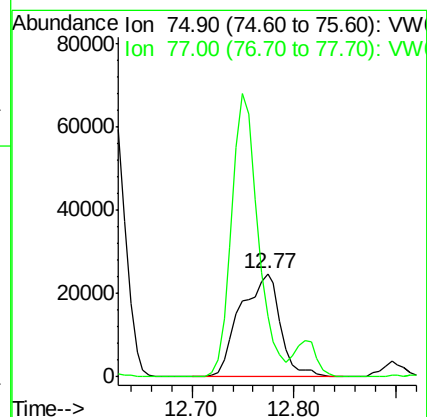
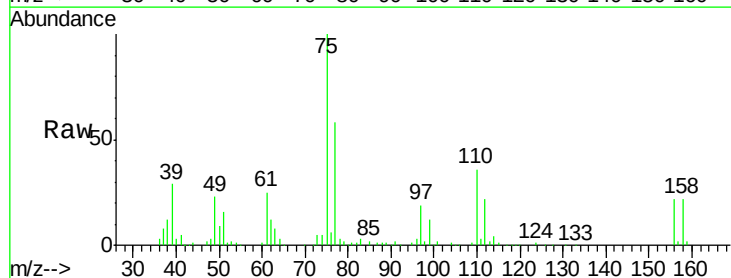
Acq: 05 Jul 2018 12:41

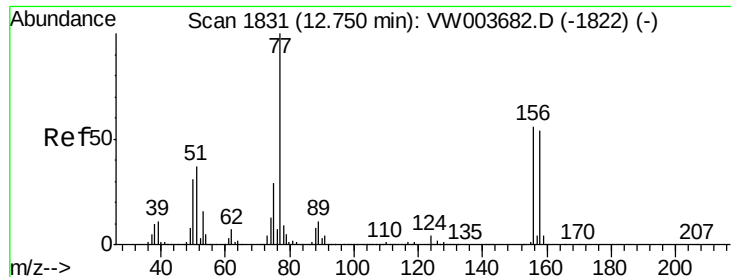
Tgt Ion: 75 Resp: 67859

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.281 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

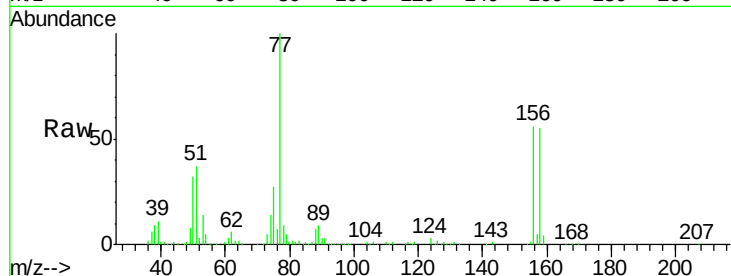
Tot Ion:156 Resp: 64300

Ion Ratio Lower Upper

156 100

77 191.2 95.8 287.4

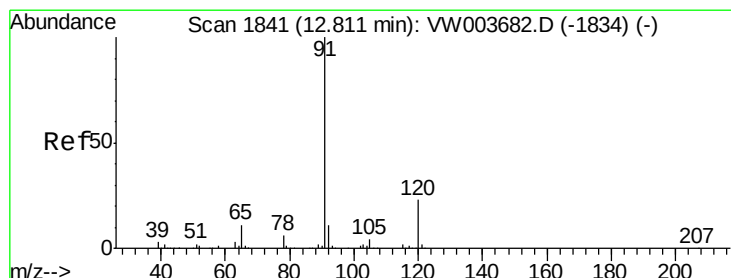
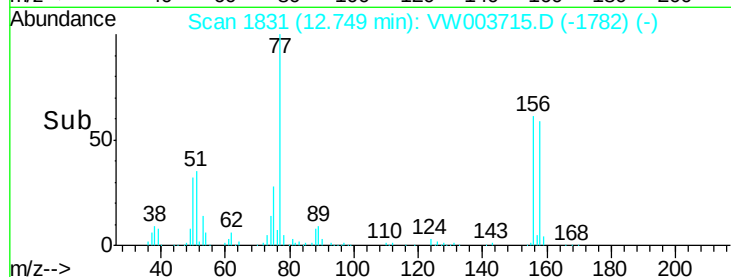
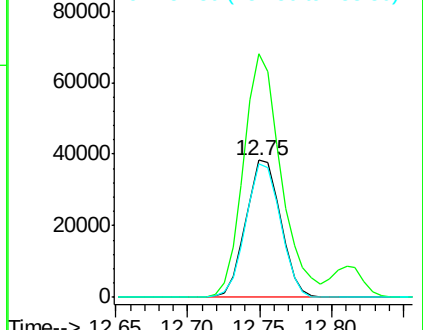
158 96.7 48.2 144.6



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: 19.931 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003715.D

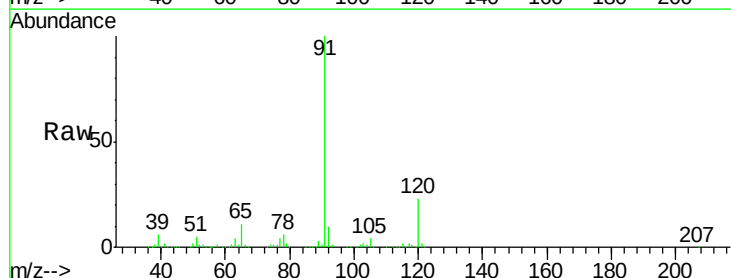
Acq: 05 Jul 2018 12:41

Tgt Ion: 91 Resp: 342139

Ion Ratio Lower Upper

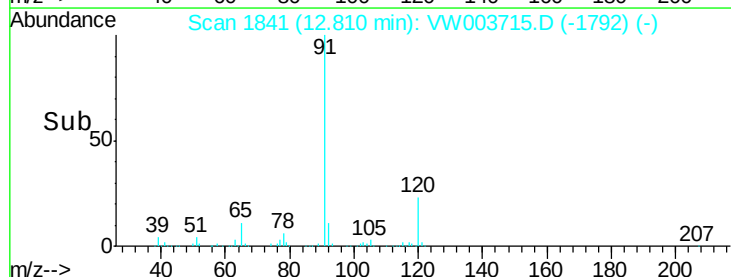
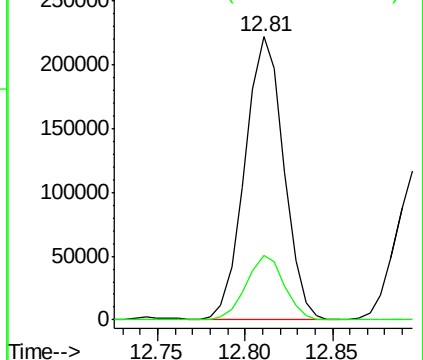
91 100

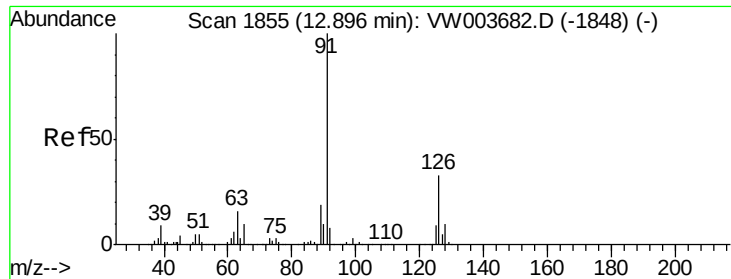
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.699 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

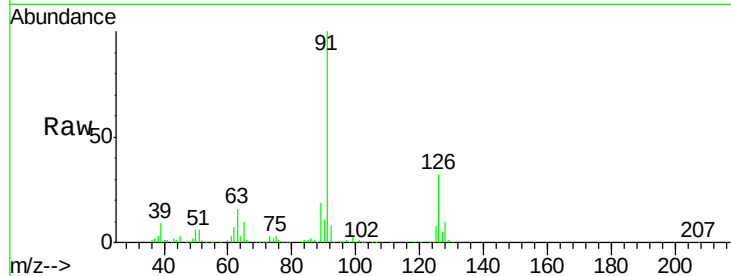
ClientSampleId :

Tot Ion: 91 Resp: 192428

Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

200000

150000

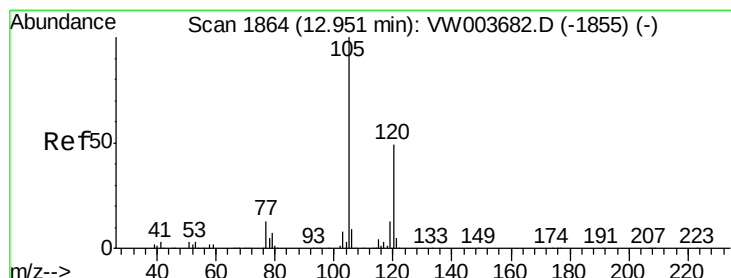
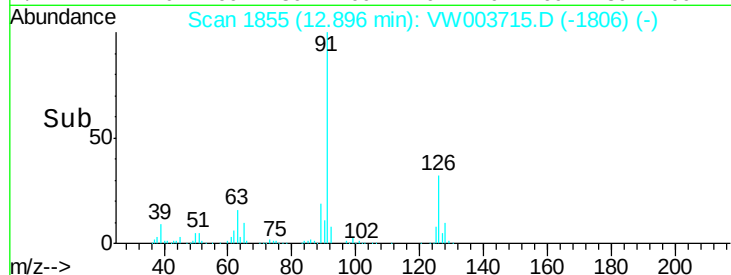
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.773 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003715.D

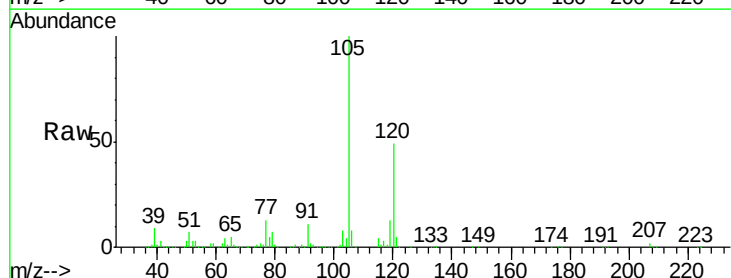
Acq: 05 Jul 2018 12:41

Tgt Ion:105 Resp: 232443

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

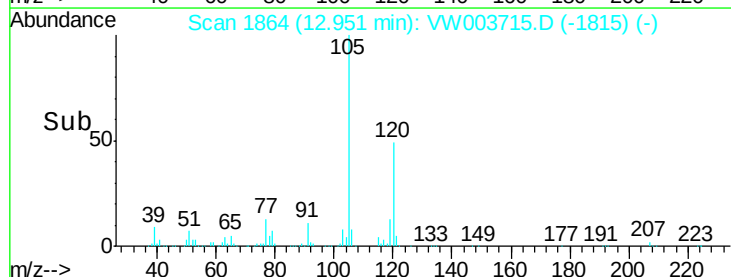
100000

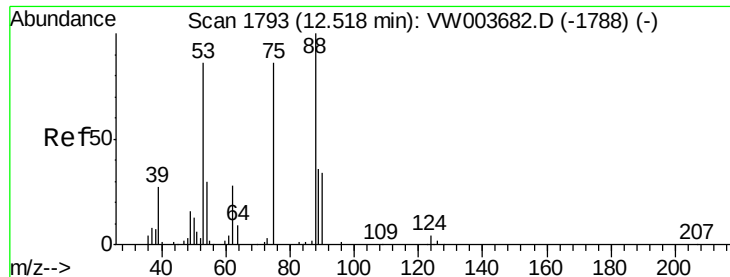
50000

0

12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.754 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

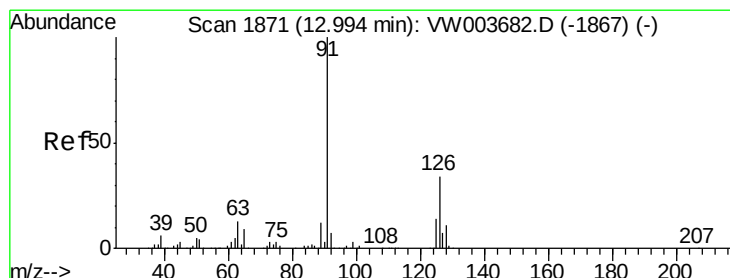
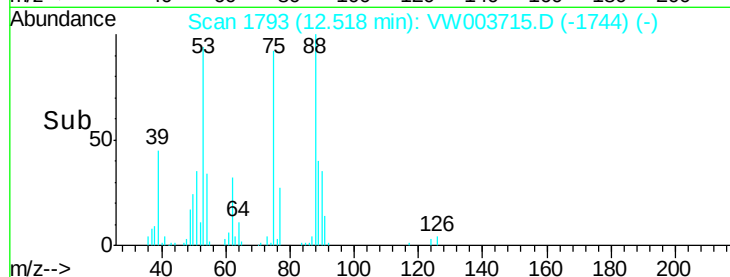
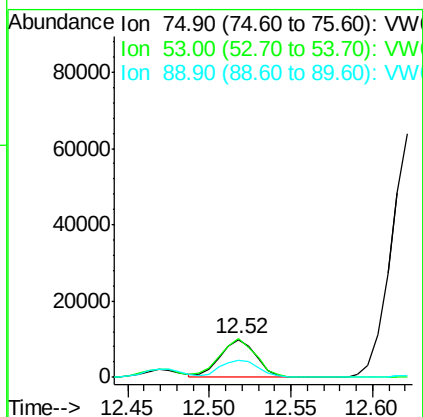
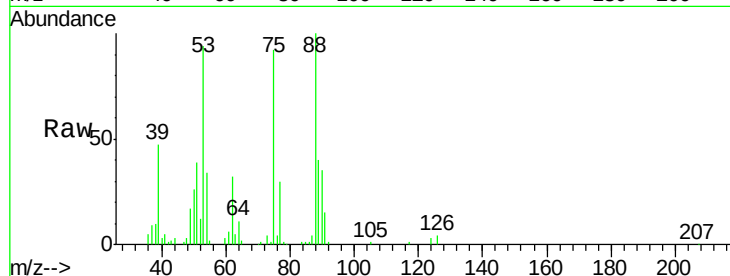
Tot Ion: 75 Resp: 15390

Ion Ratio Lower Upper

75 100

53 103.1 82.4 123.6

89 46.9 35.9 53.9



#82

4-Chlorotoluene

Concen: 19.607 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003715.D

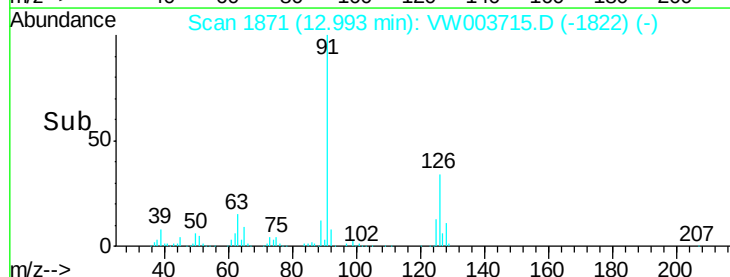
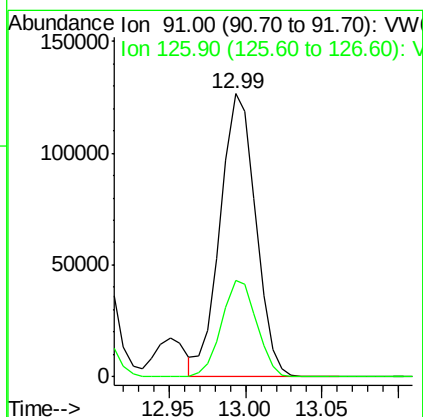
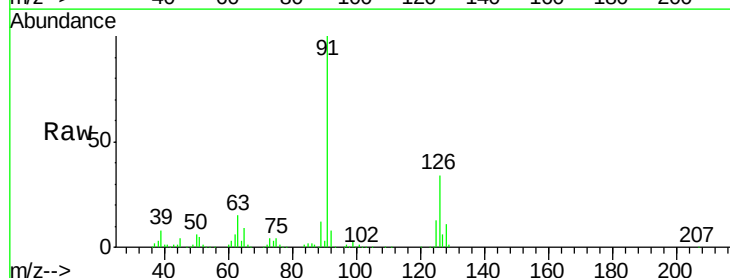
Acq: 05 Jul 2018 12:41

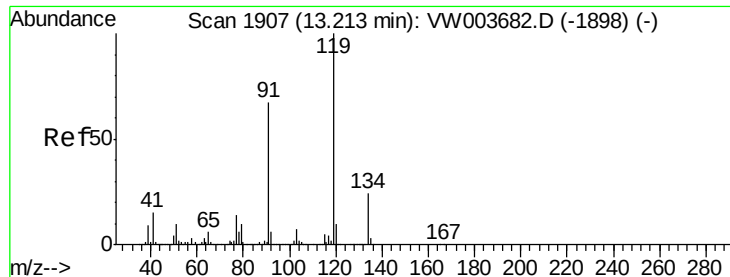
Tgt Ion: 91 Resp: 203320

Ion Ratio Lower Upper

91 100

126 33.9 17.0 50.9

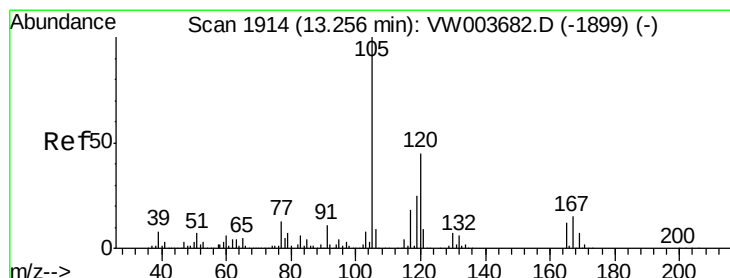
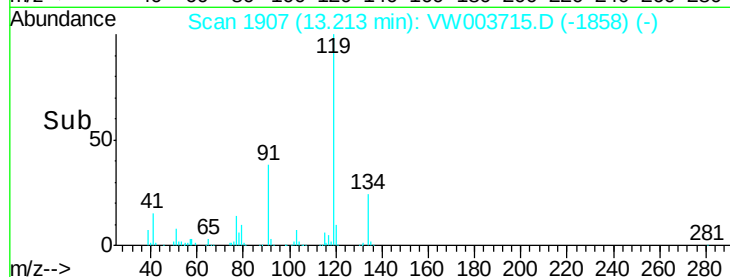
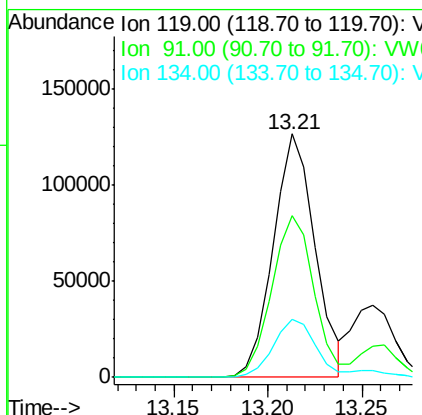
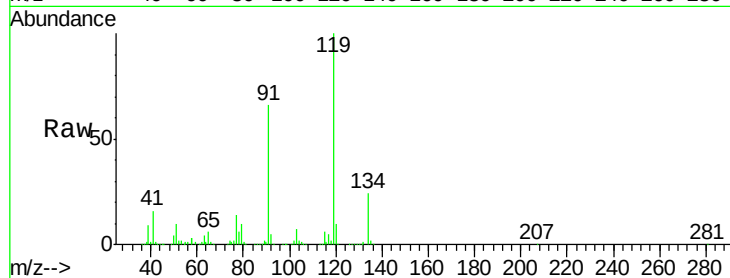




#83
tert-Butylbenzene
Concen: 19.609 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

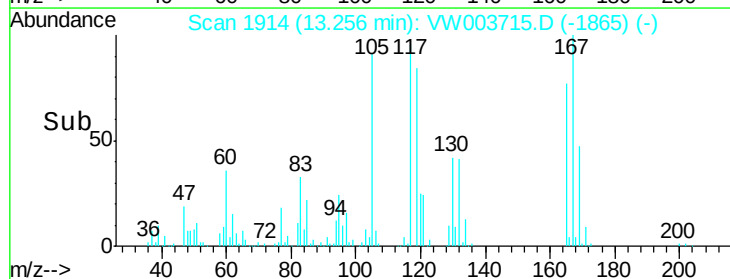
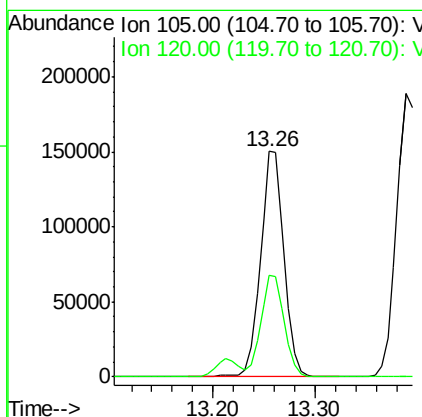
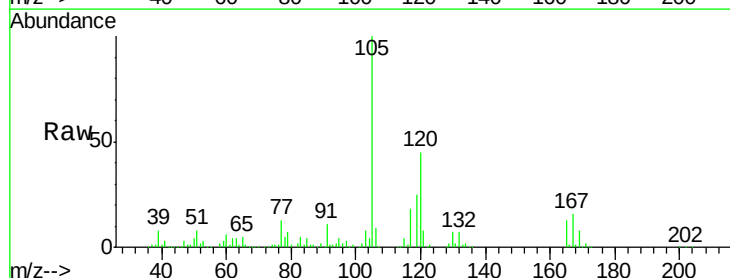
Instrument :
MSVOA_W
ClientSampleId :

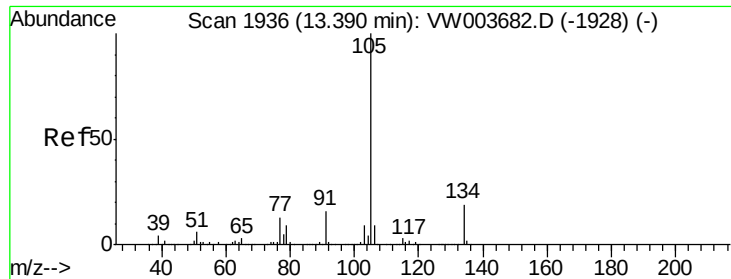
Tot Ion:119 Resp: 194445
Ion Ratio Lower Upper
119 100
91 68.2 33.8 101.3
134 24.3 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 19.821 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion:105 Resp: 239873
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3

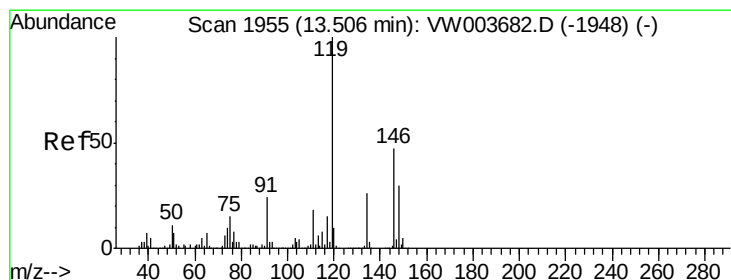
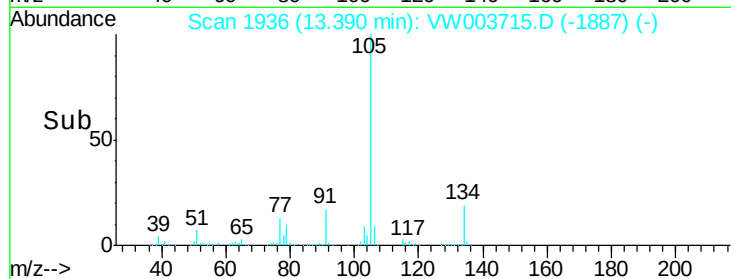
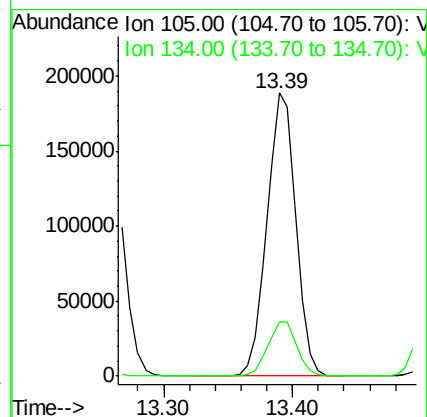
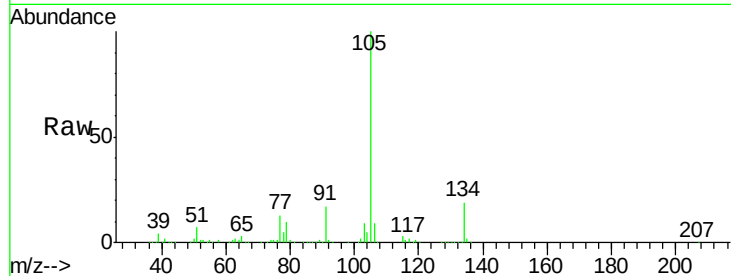




#85
 sec-Butylbenzene
 Concen: 19.783 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

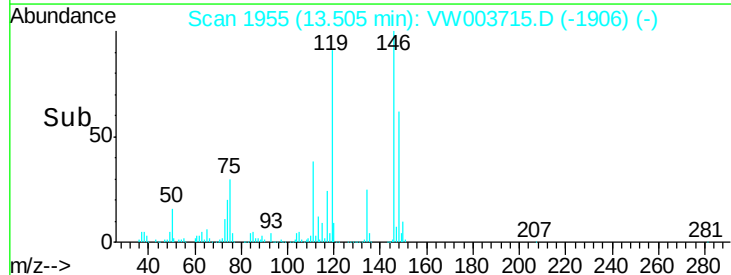
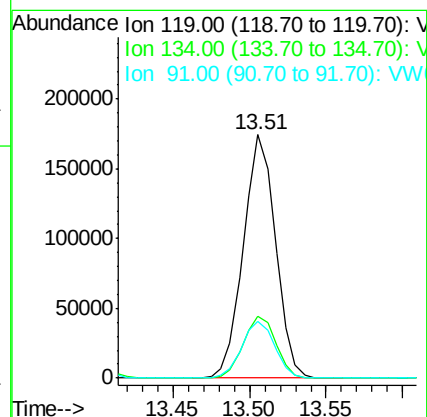
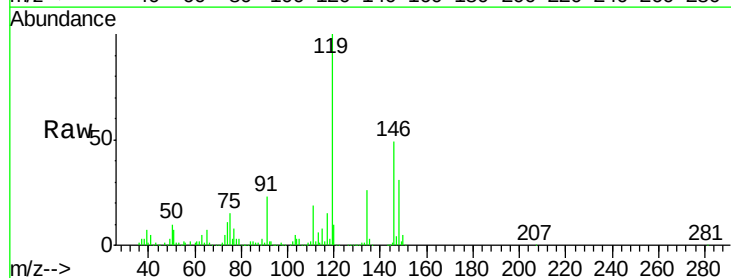
Instrument :
 MSVOA_W
 ClientSampled :

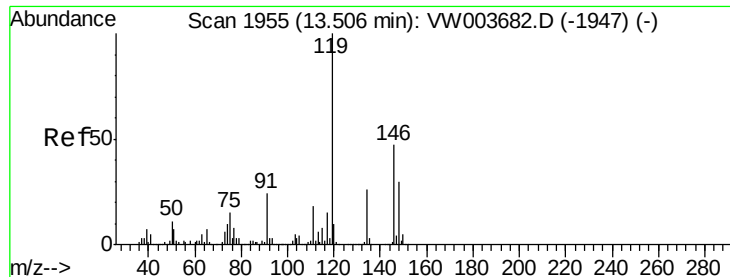
Tot Ion:105 Resp: 291911
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.739 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion:119 Resp: 254754
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.9 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.703 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

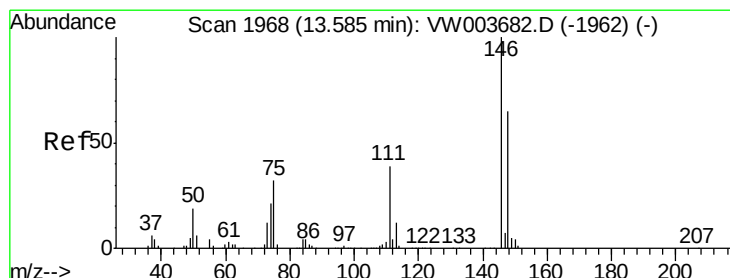
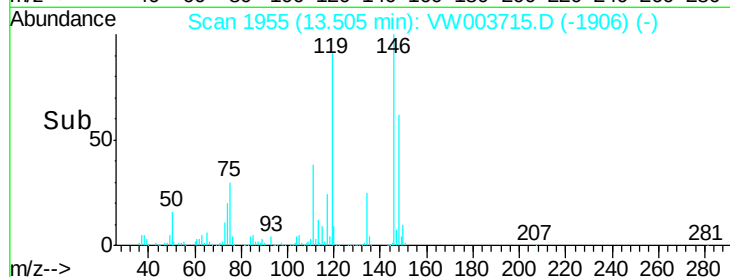
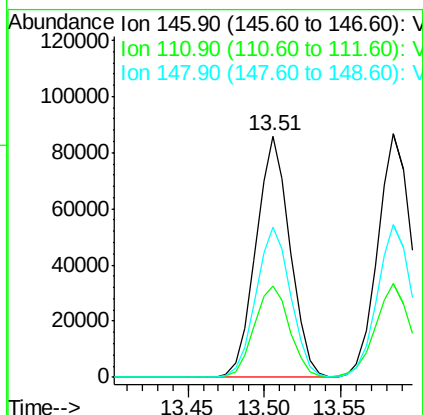
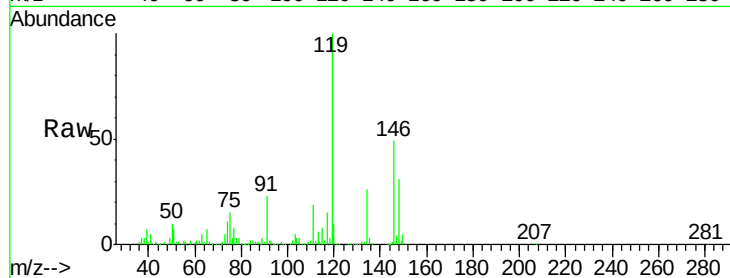
Tot Ion:146 Resp: 133358

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.666 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

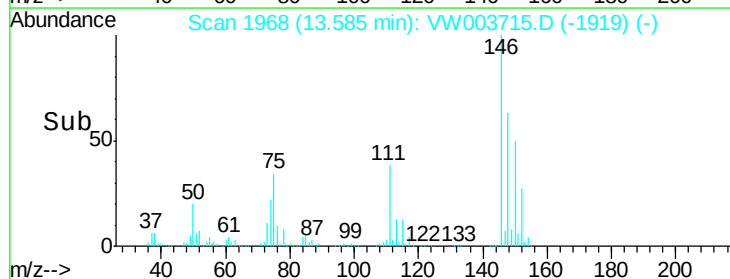
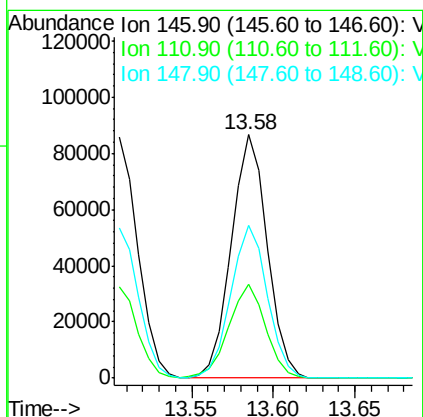
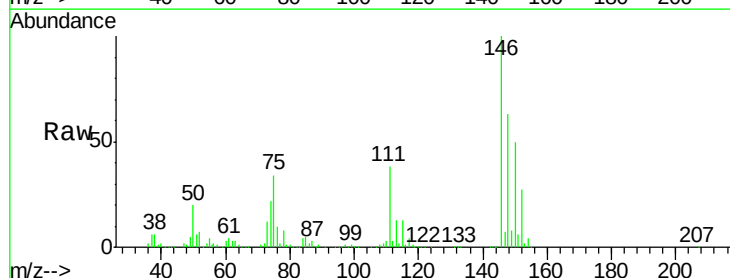
Tgt Ion:146 Resp: 133012

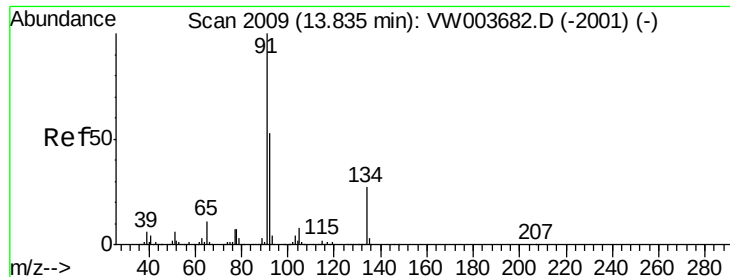
Ion Ratio Lower Upper

146 100

111 39.7 19.3 57.9

148 63.7 32.3 96.9





#89

n-Butylbenzene

Concen: 19.710 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampled :

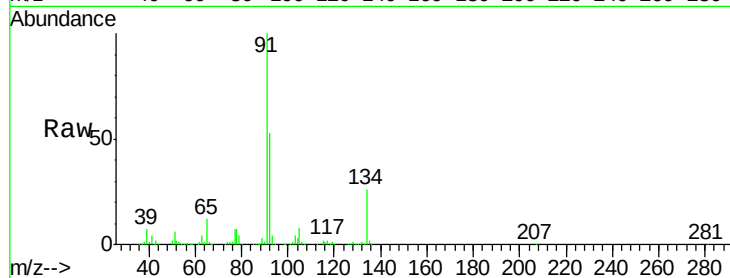
Tot Ion: 91 Resp: 251495

Ion Ratio Lower Upper

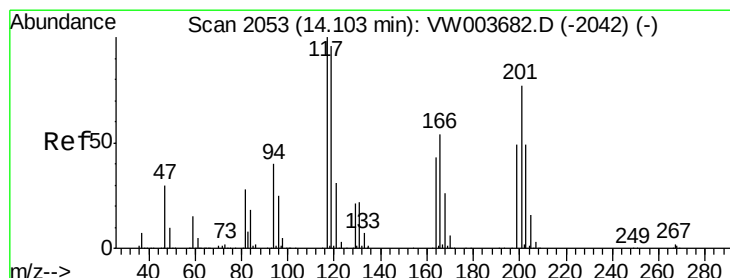
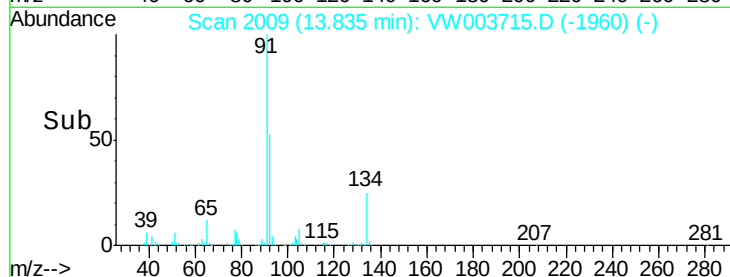
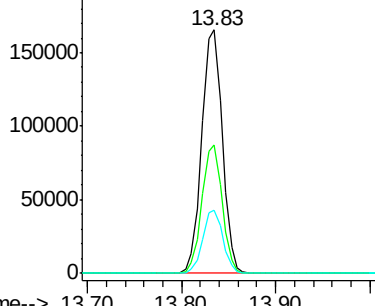
91 100

92 52.0 26.4 79.2

134 25.3 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.659 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW003715.D

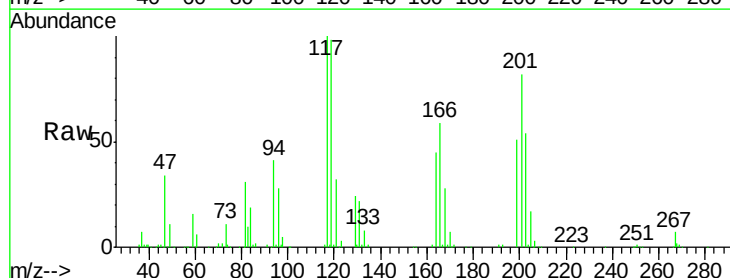
Acq: 05 Jul 2018 12:41

Tgt Ion: 117 Resp: 47138

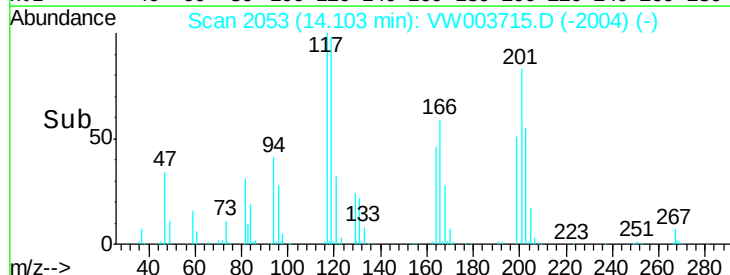
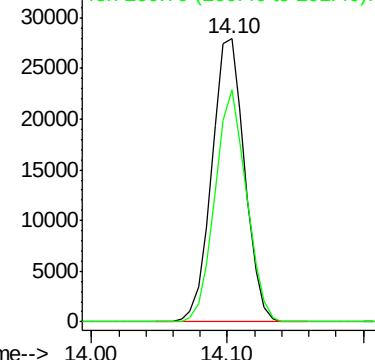
Ion Ratio Lower Upper

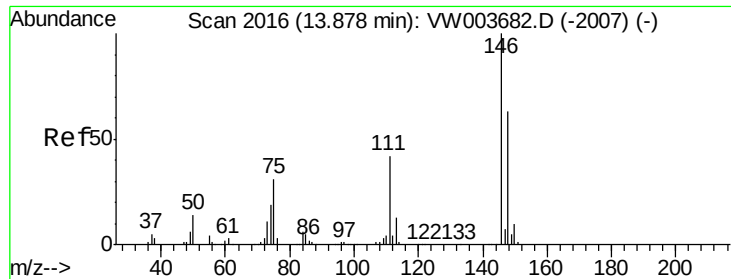
117 100

201 79.1 39.1 117.2



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

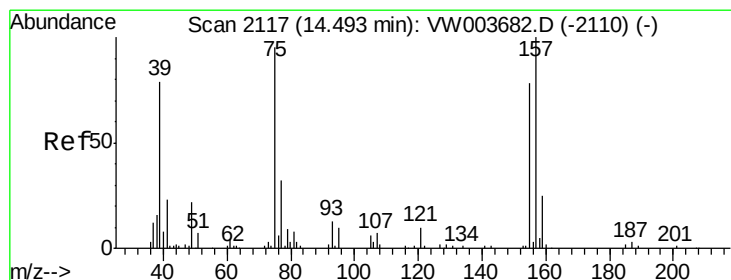
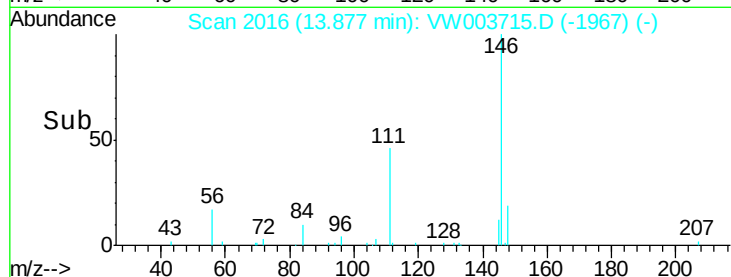
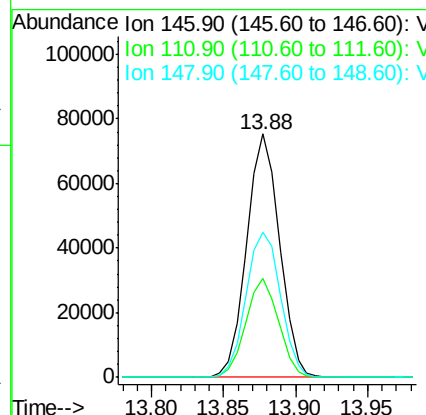
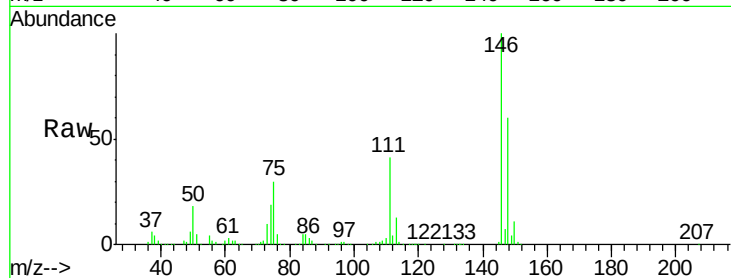




#91
 1,2-Dichlorobenzene
 Concen: 19.696 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

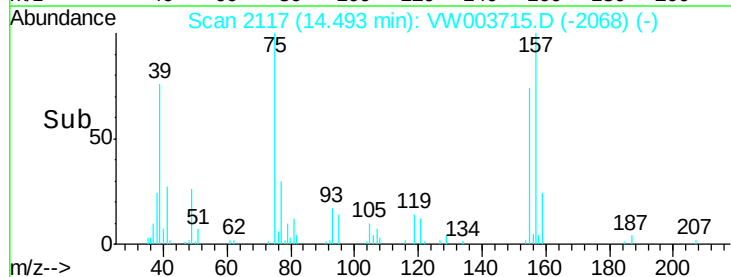
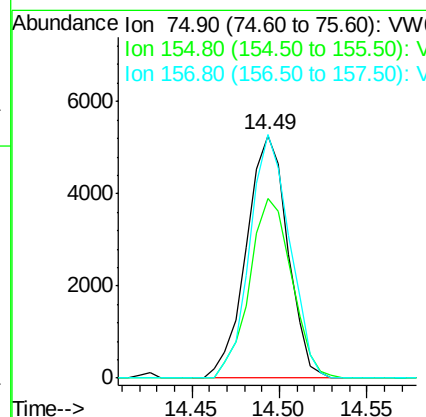
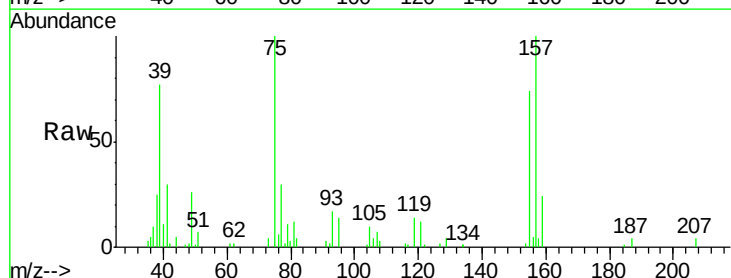
Instrument :
 MSVOA_W
 ClientSampleId :

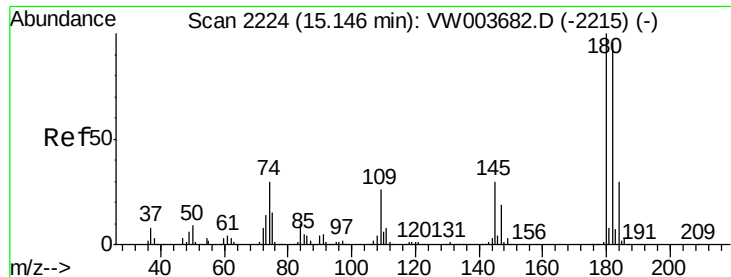
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	62.6	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.215 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	40.2	120.6
157	97.2	50.7	152.3

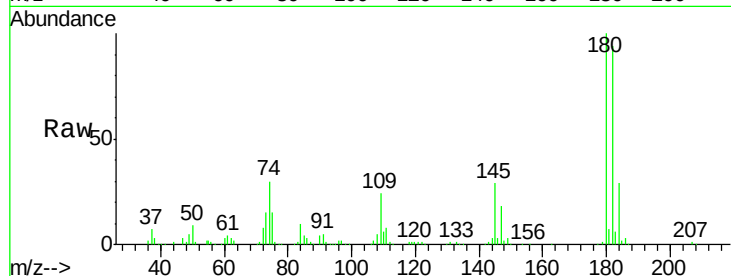




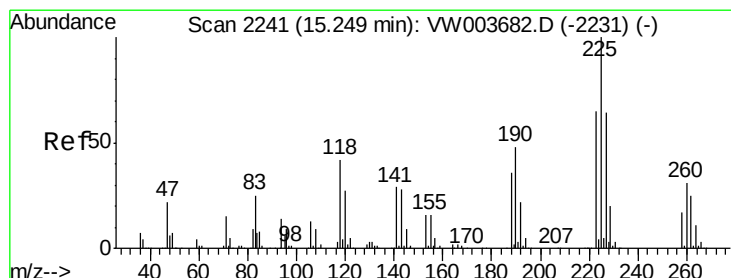
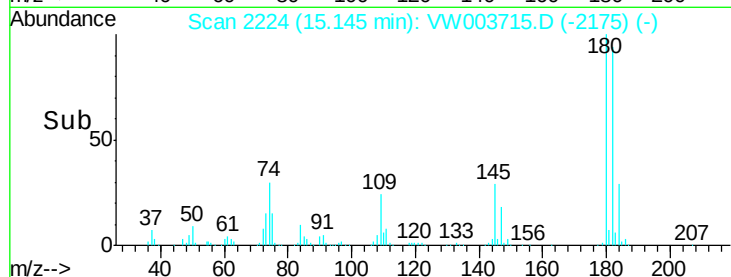
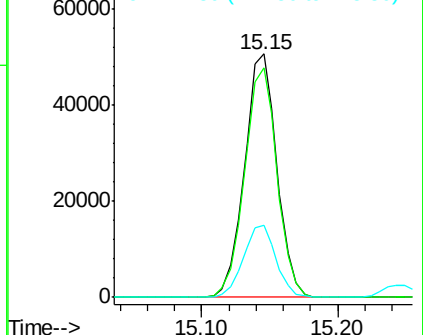
#93
 1,2,4-Trichlorobenzene
 Concen: 19.704 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 84080
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.8
 145 29.8 14.9 44.5

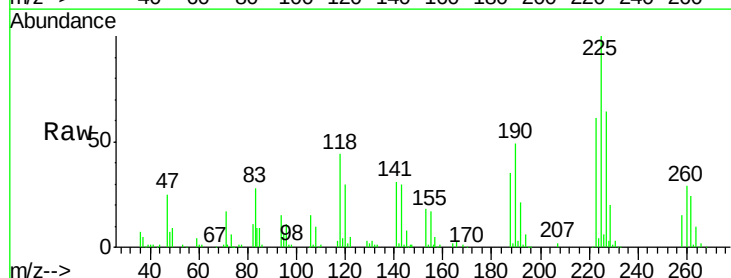


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

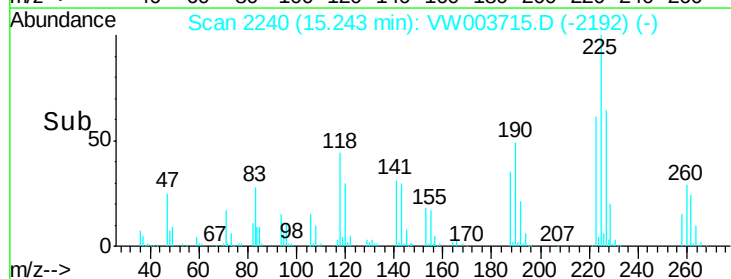
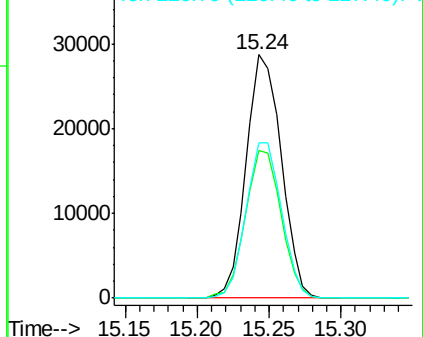


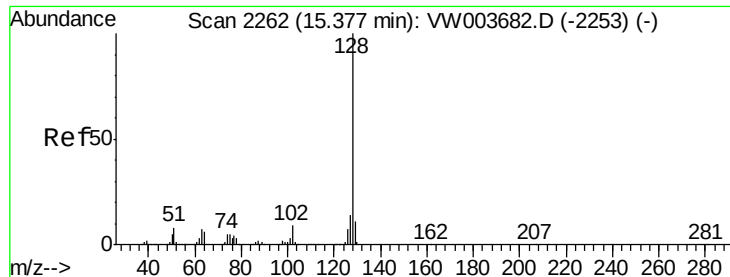
#94
 Hexachlorobutadiene
 Concen: 19.661 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion:225 Resp: 48455
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.0 96.2
 227 64.6 31.9 95.7



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

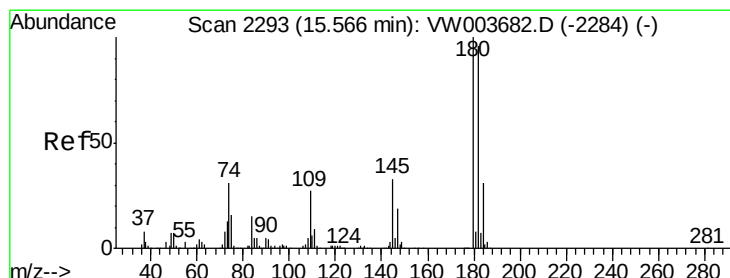
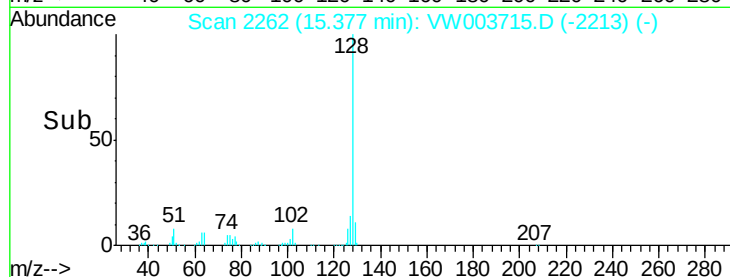
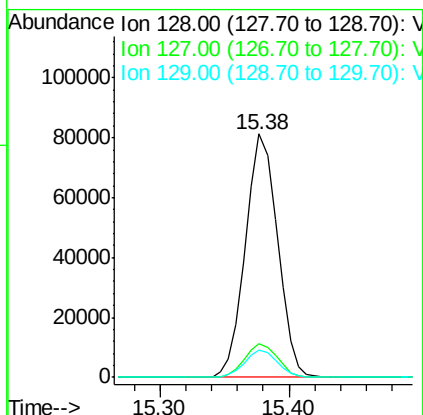
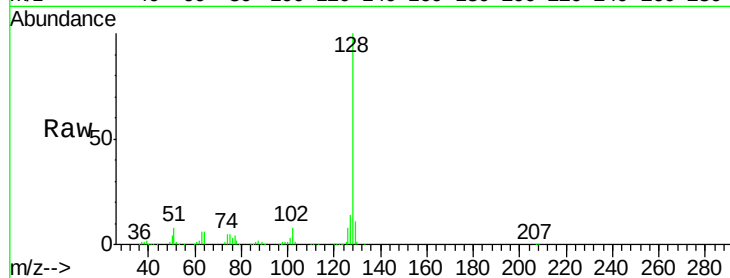




#95
Naphthalene
Concen: 18.151 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 140472
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.593 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion:180 Resp: 74473
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 31.5 15.9 47.7

