

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003660.D
 Acq On : 29 Jun 2018 15:06
 Operator : SY/AP
 Sample : J2923-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:39:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	116668	54.50	ug/l	0.00
Spiked Amount			Recovery	=	109.00%	
35) Dibromofluoromethane	7.88	113	102049	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
50) Toluene-d8	10.33	98	400493	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.62	95	140714	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	4182	6.999	ug/l	75
3) Chloromethane	2.21	50	9564	6.335	ug/l	93
4) Vinyl Chloride	2.36	62	14232	6.467	ug/l	100
5) Bromomethane	2.78	94	8636	5.904	ug/l	97
6) Chloroethane	2.93	64	8766	5.722	ug/l #	87
7) Trichlorofluoromethane	3.25	101	8246	6.254	ug/l	93
8) Diethyl Ether	3.68	74	6239	6.442	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11612	6.343	ug/l	96
10) Methyl Iodide	4.26	142	16588	5.991	ug/l	97
11) Tert butyl alcohol	5.22	59	958	8.344	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	11158	6.237	ug/l	96
13) Acrolein	3.89	56	2664	16.229	ug/l #	79
14) Allyl chloride	4.66	41	18734	6.045	ug/l	99
15) Acrylonitrile	5.38	53	11879	29.810	ug/l	99
16) Acetone	4.14	43	16411	36.552	ug/l	96
17) Carbon Disulfide	4.37	76	34946	6.607	ug/l	99
18) Methyl Acetate	4.68	43	10174	9.552	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	18534	5.531	ug/l	91
20) Methylene Chloride	4.92	84	20840	7.831	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	11959	6.142	ug/l	96
22) Diisopropyl ether	6.32	45	33707	5.404	ug/l	95
23) Vinyl Acetate	6.26	43	81517	22.680	ug/l	98
24) 1,1-Dichloroethane	6.22	63	23537	6.357	ug/l	98
25) 2-Butanone	7.19	43	17479	31.308	ug/l #	84
26) 2,2-Dichloropropane	7.17	77	16476	6.667	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	12521	5.854	ug/l	92
28) Bromochloromethane	7.51	49	9120	5.919	ug/l	96
29) Tetrahydrofuran	7.54	42	9064	26.564	ug/l	99
30) Chloroform	7.68	83	23538	6.240	ug/l	94
31) Cyclohexane	7.96	56	23468	6.784	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	18882	6.064	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17747	5.885	ug/l	99
37) Ethyl Acetate	7.26	43	7821	6.261	ug/l	98
38) Carbon Tetrachloride	8.07	117	18232	6.164	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003660.D
 Acq On : 29 Jun 2018 15:06
 Operator : SY/AP
 Sample : J2923-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:39:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	19969	5.723	ug/l	95
40) Benzene	8.32	78	51668	6.216	ug/l	95
41) Methacrylonitrile	7.49	41	3676	4.795	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	15971	6.133	ug/l	99
43) Isopropyl Acetate	8.43	43	13854	5.585	ug/l	96
44) Trichloroethene	9.10	130	13609	6.179	ug/l	92
45) 1,2-Dichloropropane	9.37	63	12939	6.114	ug/l	97
46) Dibromomethane	9.46	93	6540	6.036	ug/l	97
47) Bromodichloromethane	9.65	83	16804	6.050	ug/l	99
48) Methyl methacrylate	9.44	41	6057	5.196	ug/l	98
49) 1,4-Dioxane	9.47	88	567	34.658	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	33663	26.633	ug/l	97
52) Toluene	10.39	92	33728	6.328	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	15416	5.434	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	18100	5.605	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	8714	5.707	ug/l	92
56) Ethyl methacrylate	10.65	69	9005	4.857	ug/l	97
57) 1,3-Dichloropropane	10.93	76	15033	5.709	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	20985	25.248	ug/l	96
59) 2-Hexanone	10.98	43	23404	26.506	ug/l	96
60) Dibromochloromethane	11.13	129	10370	5.711	ug/l	98
61) 1,2-Dibromoethane	11.24	107	8413	5.825	ug/l	100
64) Tetrachloroethene	10.87	164	12162	6.274	ug/l	94
65) Chlorobenzene	11.66	112	36523	6.051	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	12200	5.752	ug/l	99
67) Ethyl Benzene	11.74	91	59199	5.533	ug/l	98
68) m/p-Xylenes	11.84	106	43349	10.659	ug/l	98
69) o-Xylene	12.17	106	18908	5.016	ug/l	96
70) Styrene	12.19	104	32023	5.104	ug/l	99
71) Bromoform	12.35	173	5883	5.352	ug/l #	100
73) Isopropylbenzene	12.47	105	54501	5.110	ug/l	100
74) N-amyl acetate	12.28	43	11615	4.784	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	10334	5.727	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	13373	10.201	ug/l #	100
77) Bromobenzene	12.76	156	14032	5.649	ug/l	96
78) n-propylbenzene	12.81	91	71259	5.456	ug/l	100
79) 2-Chlorotoluene	12.90	91	40631	5.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	47610	5.318	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2900	5.090	ug/l	94
82) 4-Chlorotoluene	13.00	91	43288	5.529	ug/l	98
83) tert-Butylbenzene	13.21	119	38344	5.025	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	48686	5.286	ug/l	98
85) sec-Butylbenzene	13.40	105	59942	5.285	ug/l	99
86) p-Isopropyltoluene	13.51	119	50586	5.057	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	29072	5.697	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	29878	5.889	ug/l	94
89) n-Butylbenzene	13.83	91	52177	5.351	ug/l	96
90) Hexachloroethane	14.10	117	10126	5.596	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	25708	5.751	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1842	6.066	ug/l	90

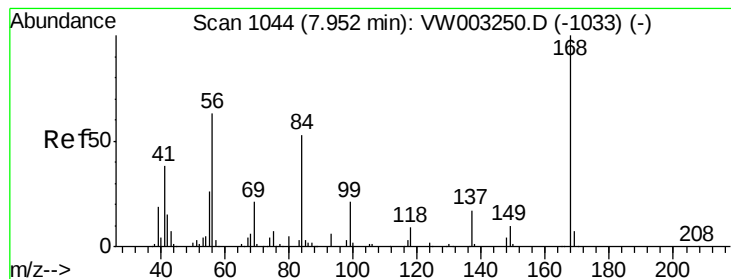
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
Data File : VW003660.D
Acq On : 29 Jun 2018 15:06
Operator : SY/AP
Sample : J2923-01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 30 03:39:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	16550	5.274	ug/l	98
94) Hexachlorobutadiene	15.25	225	10834	5.739	ug/l	98
95) Naphthalene	15.38	128	23991	4.507	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	14851	5.377	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

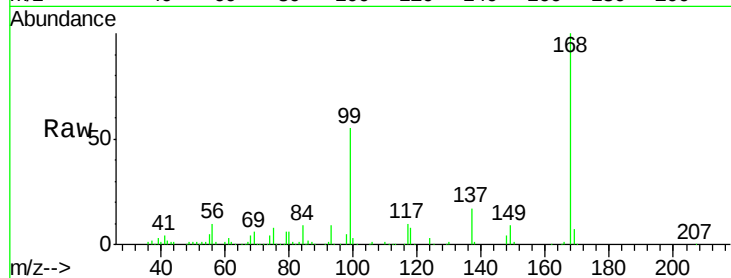
ClientSampleId :

Tot Ion:168 Resp: 197639

Ion Ratio Lower Upper

168 100

99 55.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

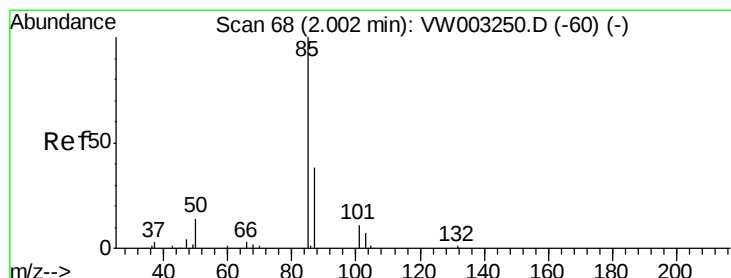
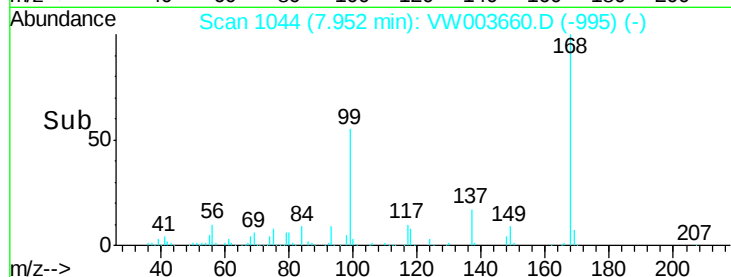
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 6.999 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003660.D

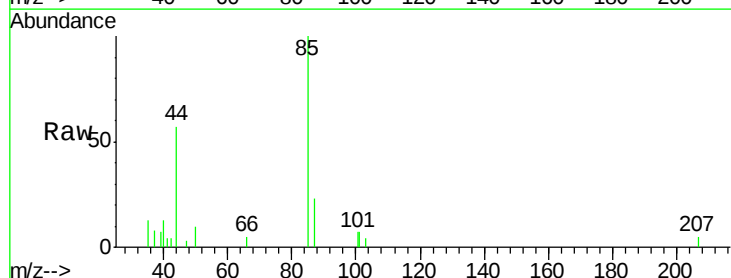
Acq: 29 Jun 2018 15:06

Tgt Ion: 85 Resp: 4182

Ion Ratio Lower Upper

85 100

87 23.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

2000

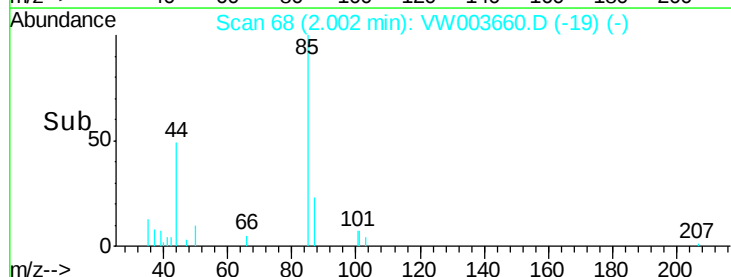
1500

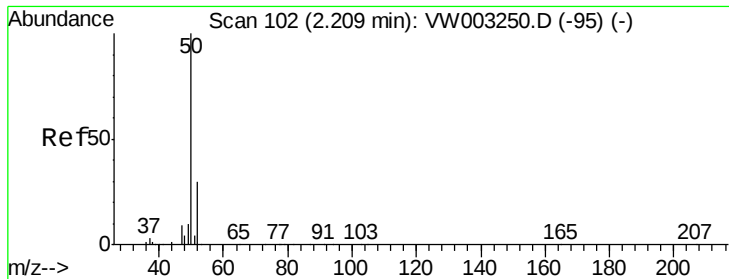
1000

500

0

Time-->





#3

Chloromethane

Concen: 6.335 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

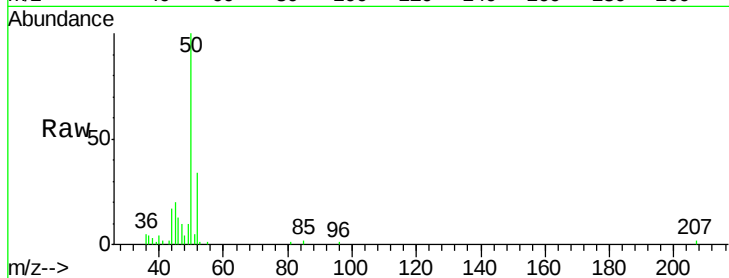
ClientSampled :

Tot Ion: 50 Resp: 9564

Ion Ratio Lower Upper

50 100

52 33.9 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

6000

5000

4000

3000

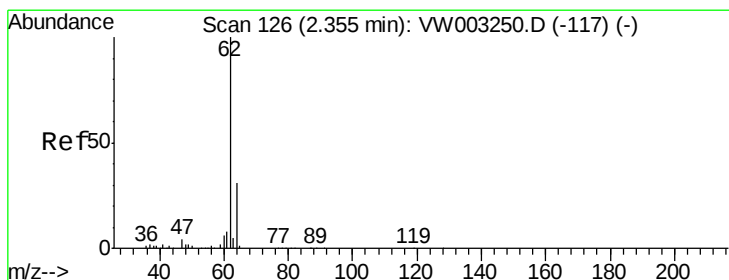
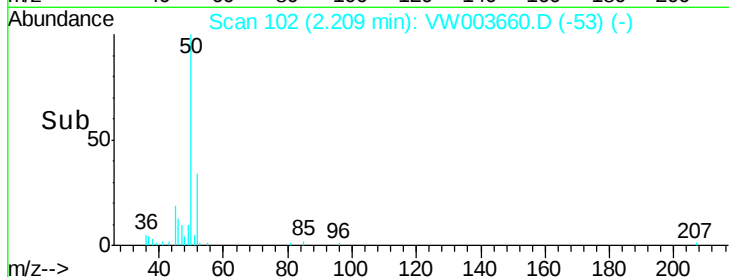
2000

1000

0

Time-->

2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 6.467 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003660.D

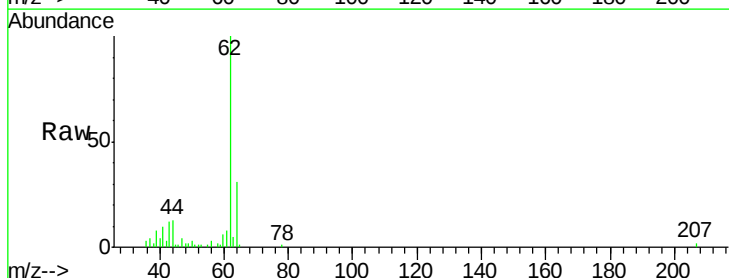
Acq: 29 Jun 2018 15:06

Tgt Ion: 62 Resp: 14232

Ion Ratio Lower Upper

62 100

64 31.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

8000

6000

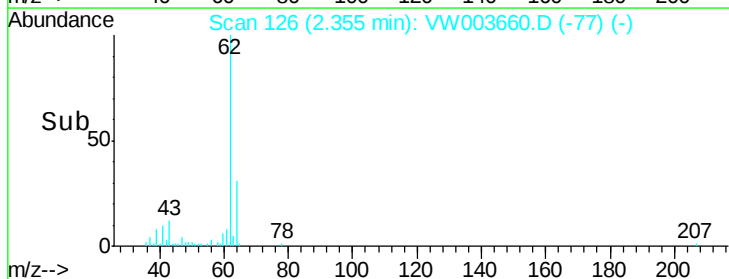
4000

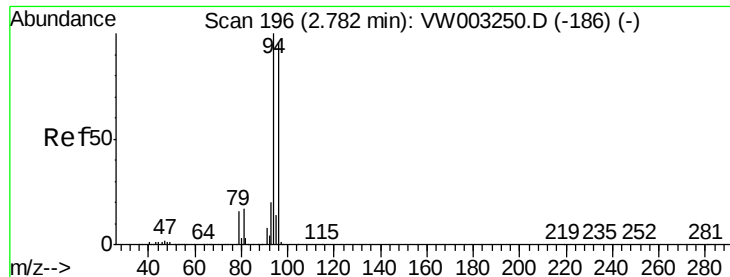
2000

0

Time-->

2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 5.904 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

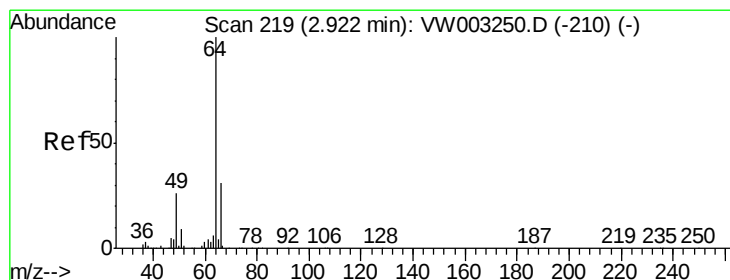
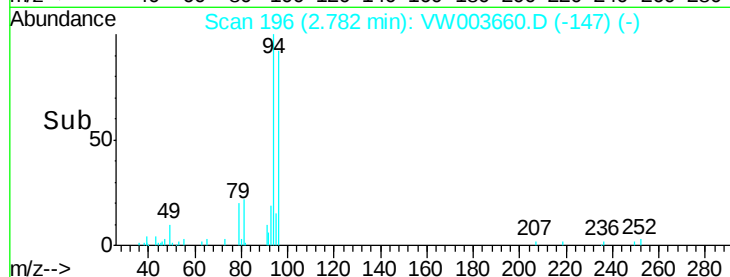
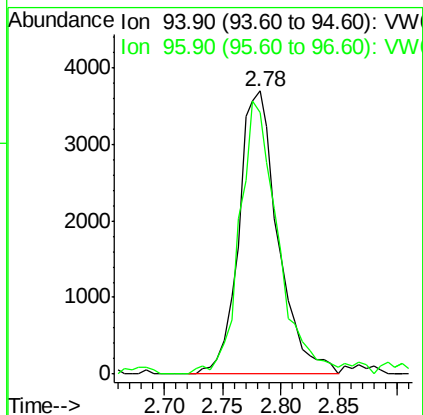
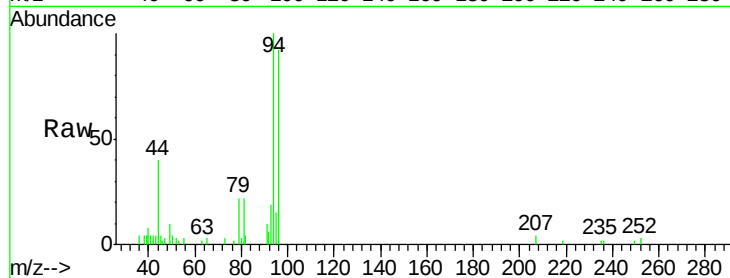
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 8636

Ion Ratio Lower Upper

94 100

96 92.4 76.5 114.7



#6

Chloroethane

Concen: 5.722 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003660.D

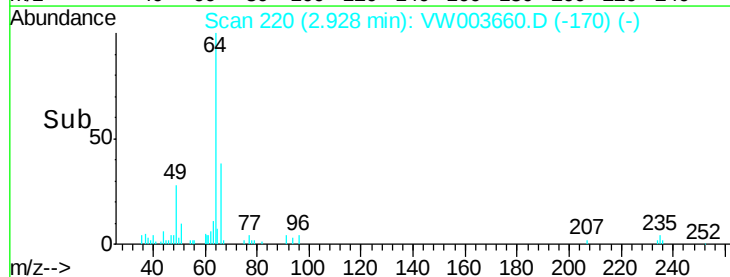
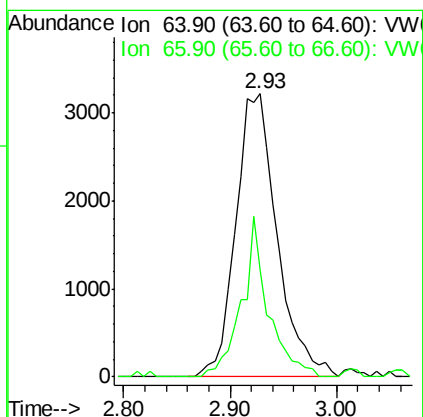
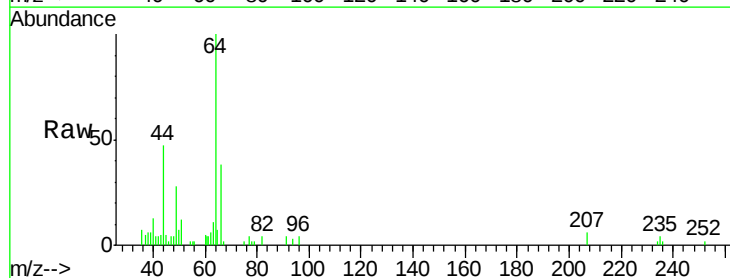
Acq: 29 Jun 2018 15:06

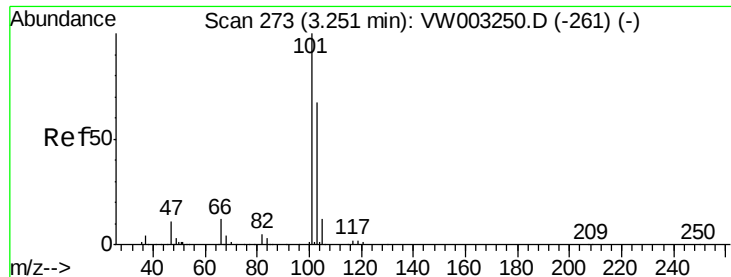
Tgt Ion: 64 Resp: 8766

Ion Ratio Lower Upper

64 100

66 37.9 24.4 36.6#



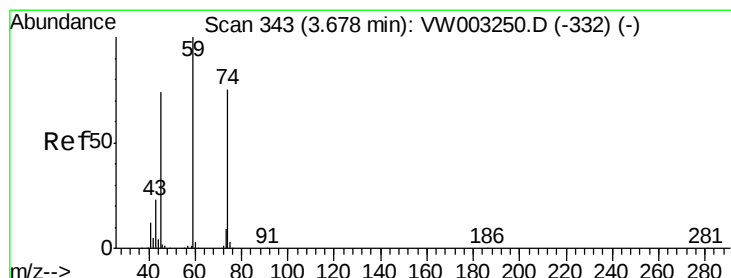
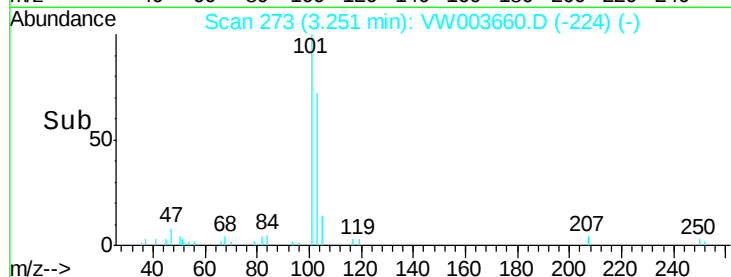
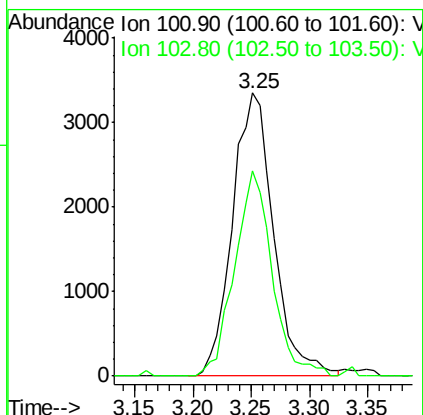
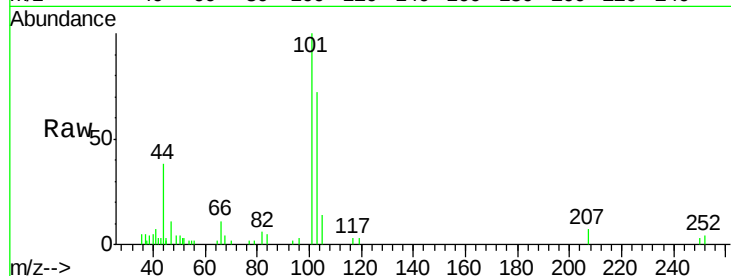


#7

Trichlorofluoromethane
Concen: 6.254 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :

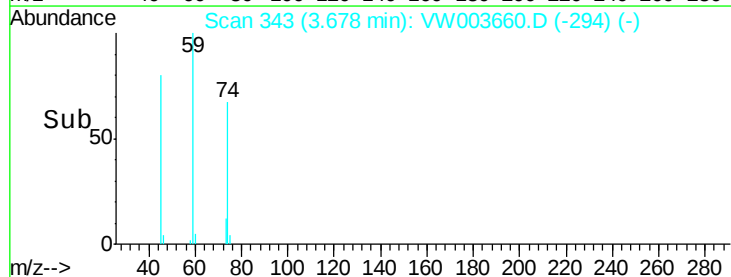
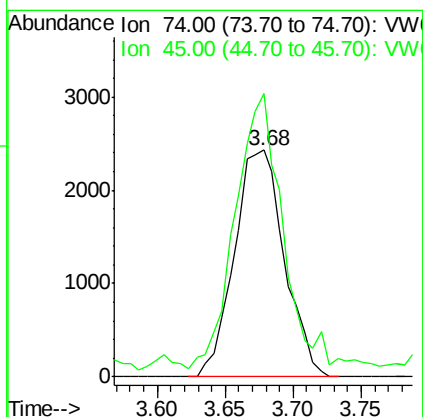
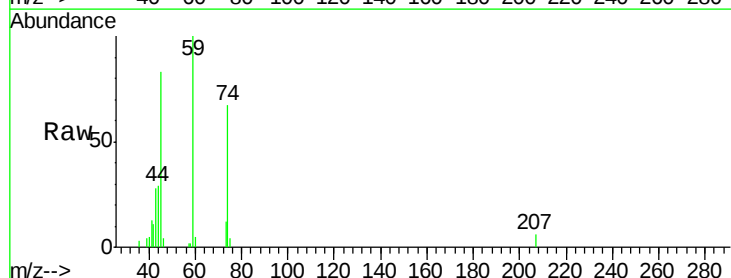
Tot Ion:101 Resp: 8246
Ion Ratio Lower Upper
101 100
103 72.3 53.4 80.0

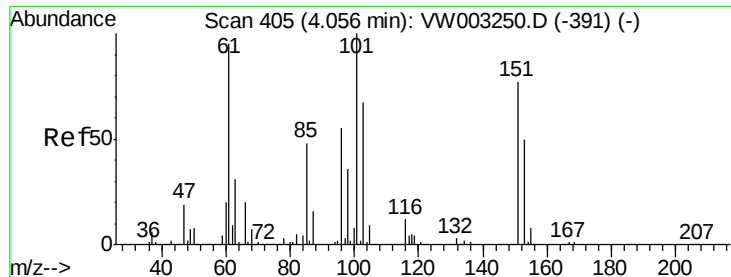


#8

Diethyl Ether
Concen: 6.442 ug/l
RT: 3.68 min Scan# 343
Delta R.T. -0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 74 Resp: 6239
Ion Ratio Lower Upper
74 100
45 115.4 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.343 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampled :

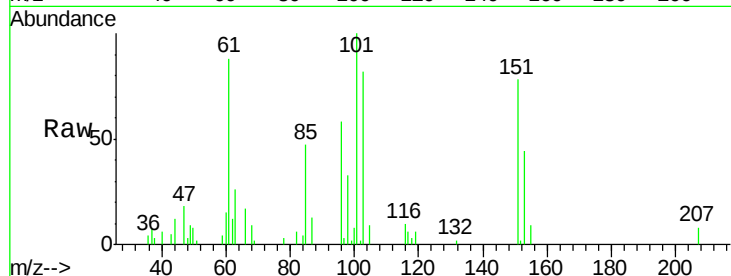
Tot Ion:101 Resp: 11612

Ion Ratio Lower Upper

101 100

85 48.3 37.0 55.6

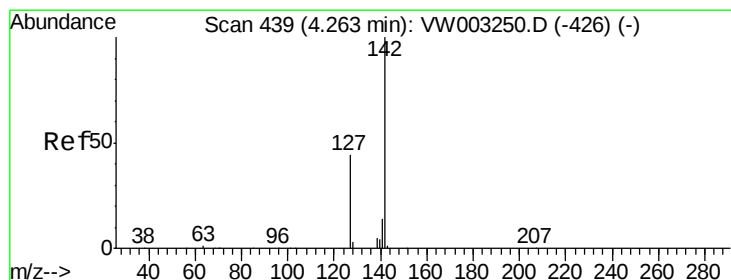
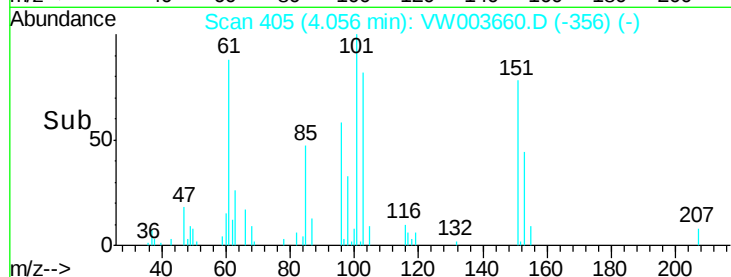
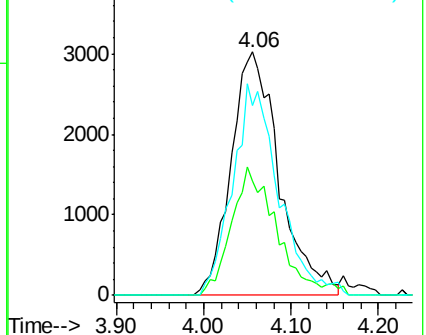
151 82.6 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.991 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

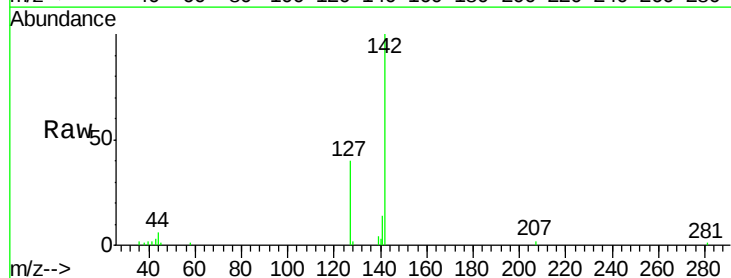
Tgt Ion:142 Resp: 16588

Ion Ratio Lower Upper

142 100

127 47.9 36.5 54.7

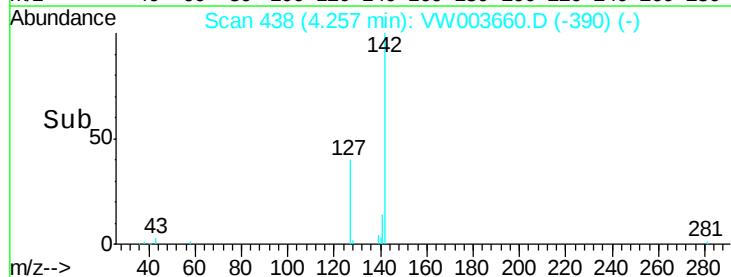
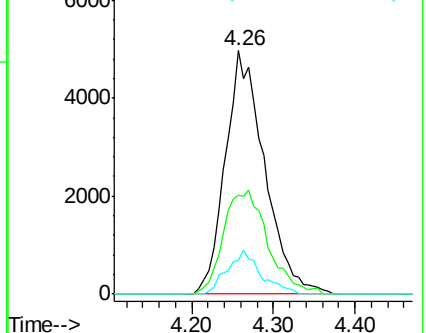
141 15.3 12.1 18.1

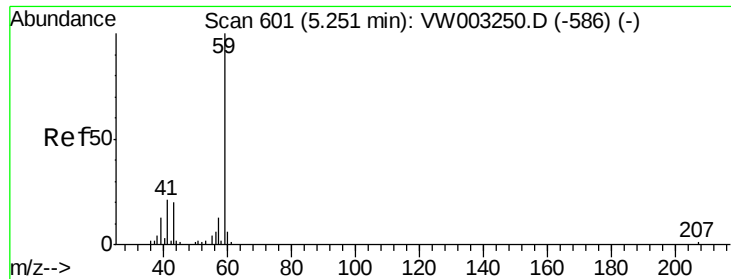


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



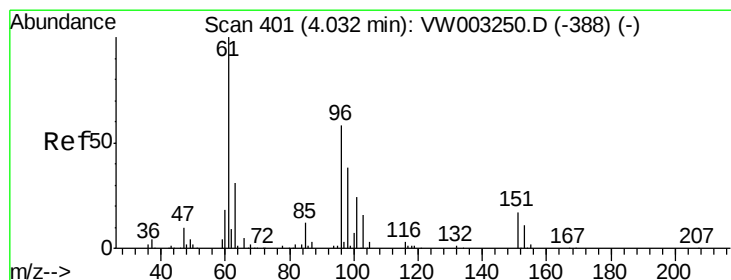
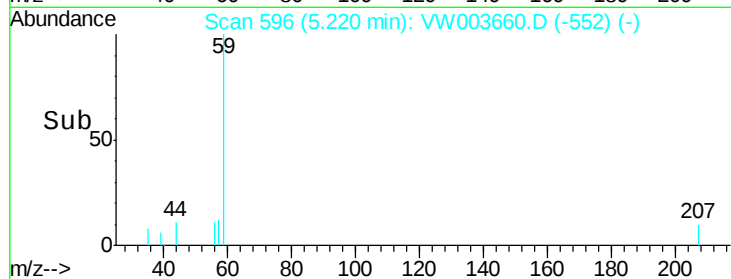
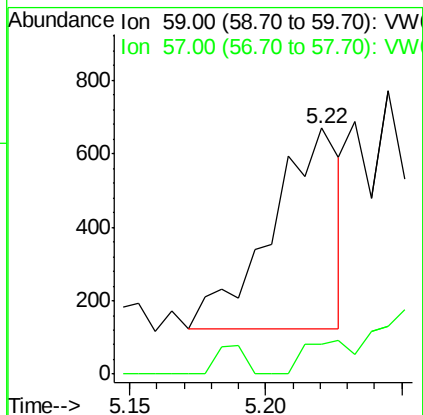
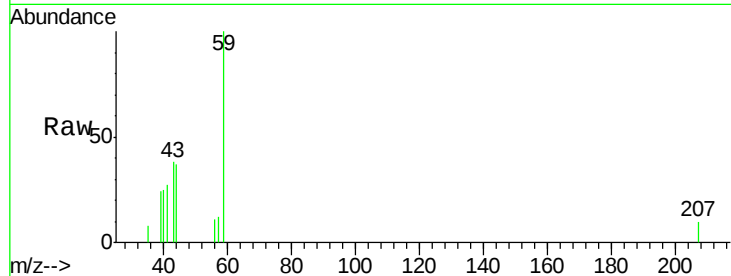


#11

Tert butyl alcohol
Concen: 8.344 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.03 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampled :

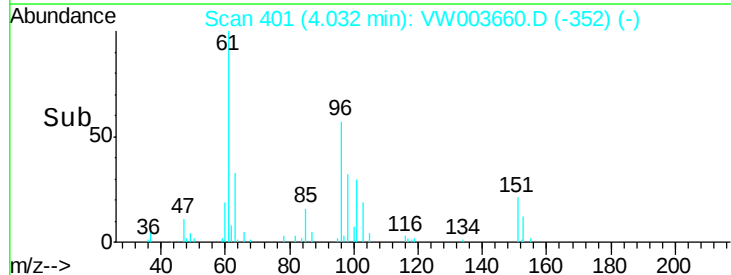
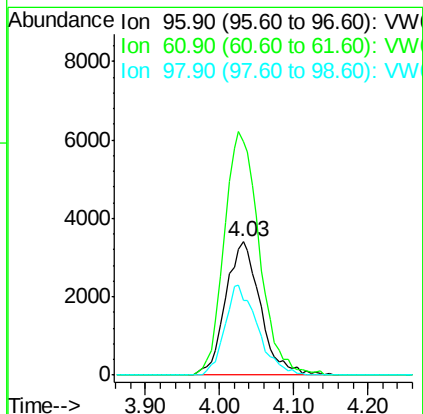
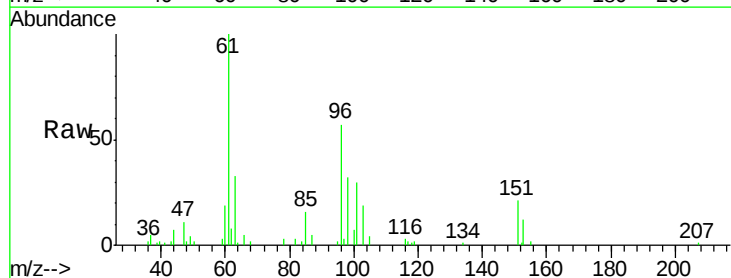
Tot Ion: 59 Resp: 958
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

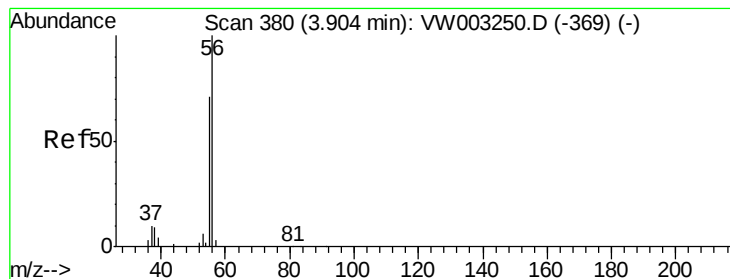


#12

1,1-Dichloroethene
Concen: 6.237 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 96 Resp: 11158
Ion Ratio Lower Upper
96 100
61 175.4 139.0 208.4
98 56.4 53.3 79.9





#13

Acrolein

Concen: 16.229 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

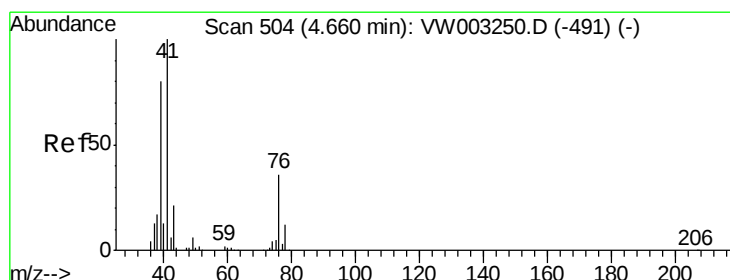
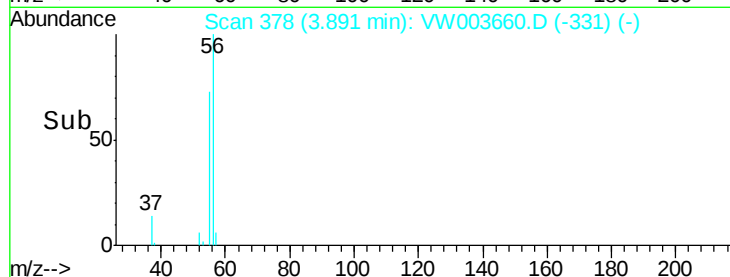
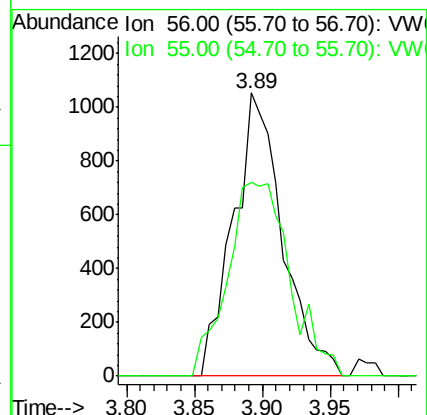
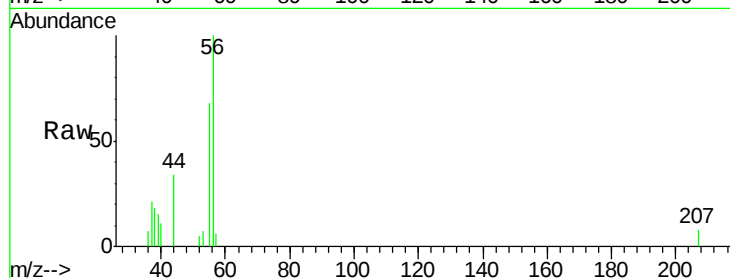
ClientSampled :

Tot Ion: 56 Resp: 2664

Ion Ratio Lower Upper

56 100

55 86.4 55.4 83.2#



#14

Allyl chloride

Concen: 6.045 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

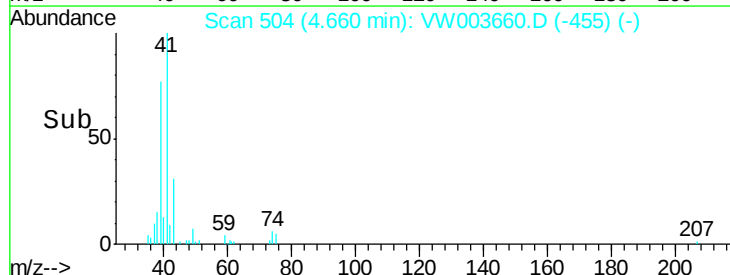
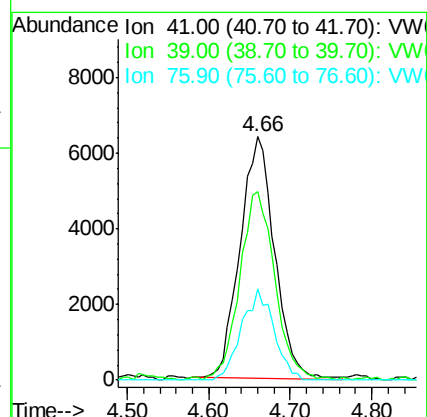
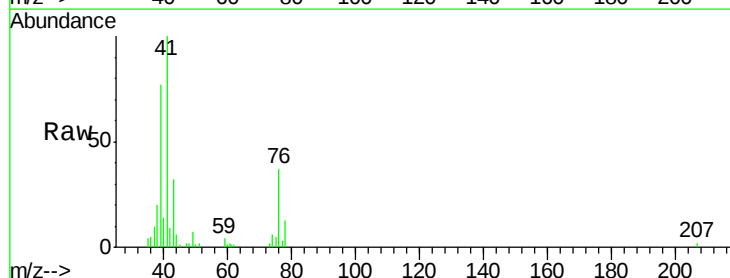
Tgt Ion: 41 Resp: 18734

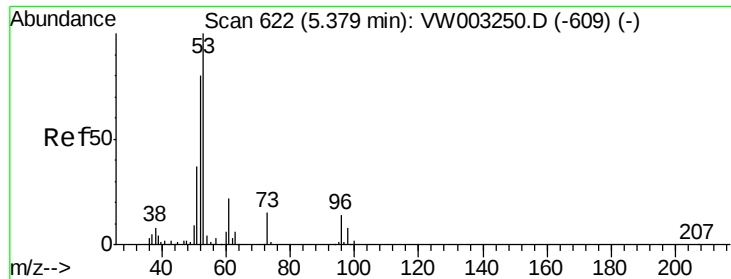
Ion Ratio Lower Upper

41 100

39 79.6 63.2 94.8

76 35.1 28.0 42.0





#15

Acrylonitrile

Concen: 29.810 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

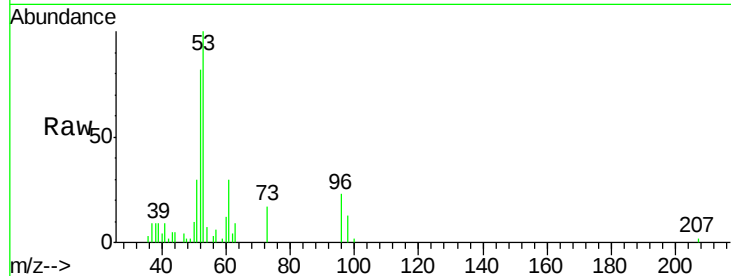
Tot Ion: 53 Resp: 11879

Ion Ratio Lower Upper

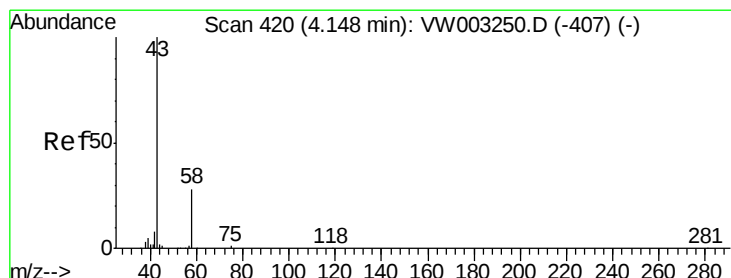
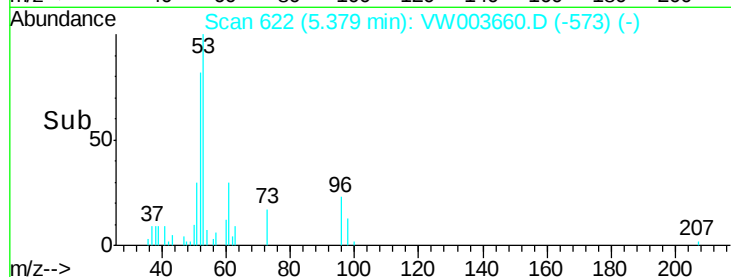
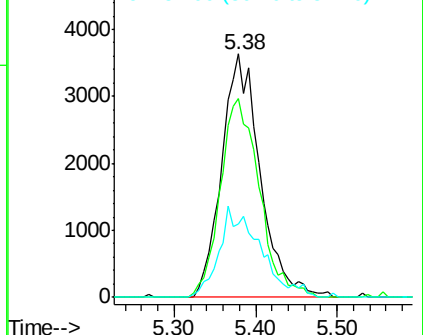
53 100

52 82.8 66.6 100.0

51 37.6 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 36.552 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003660.D

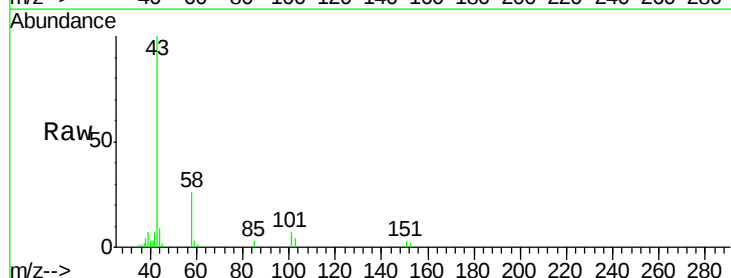
Acq: 29 Jun 2018 15:06

Tgt Ion: 43 Resp: 16411

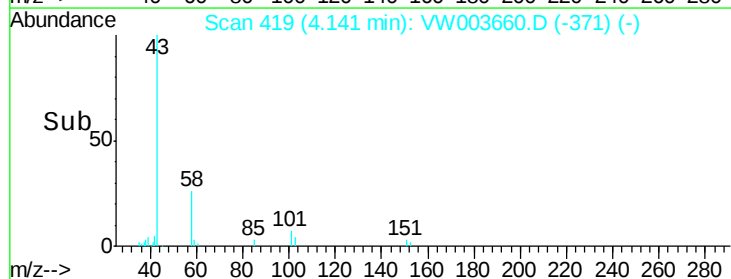
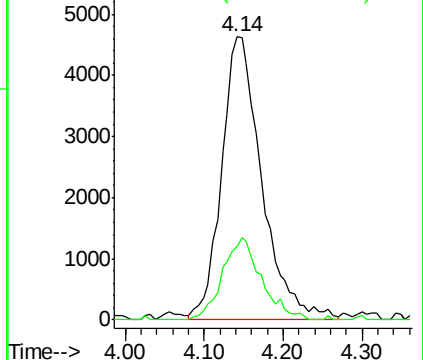
Ion Ratio Lower Upper

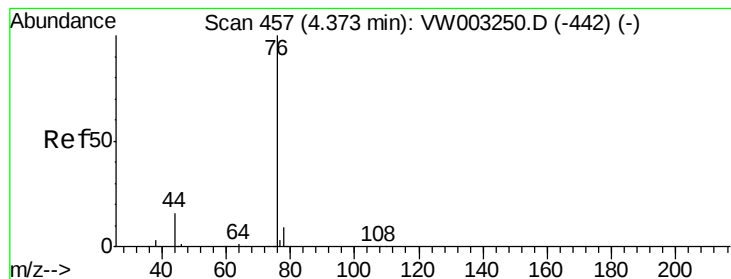
43 100

58 26.1 22.6 34.0



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





#17

Carbon Disulfide

Concen: 6.607 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

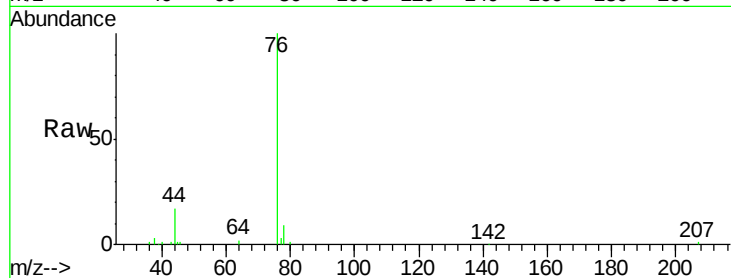
ClientSampled :

Tot Ion: 76 Resp: 34946

Ion Ratio Lower Upper

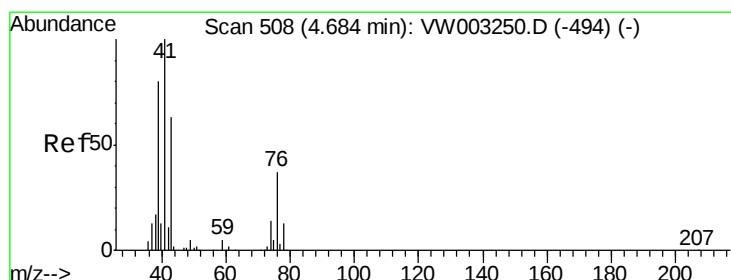
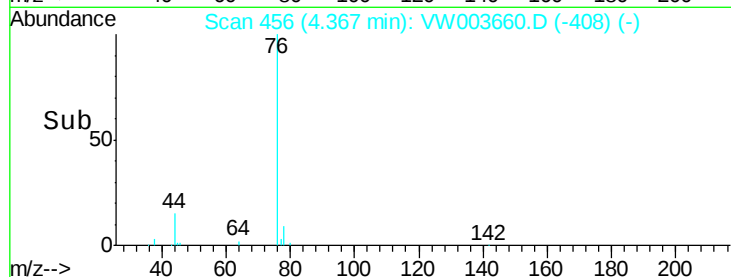
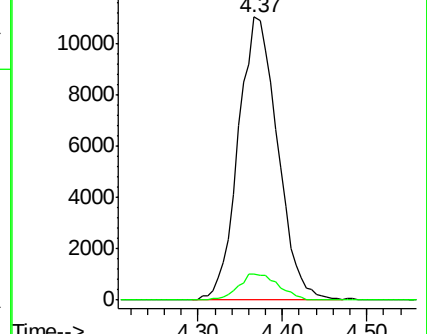
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 9.552 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003660.D

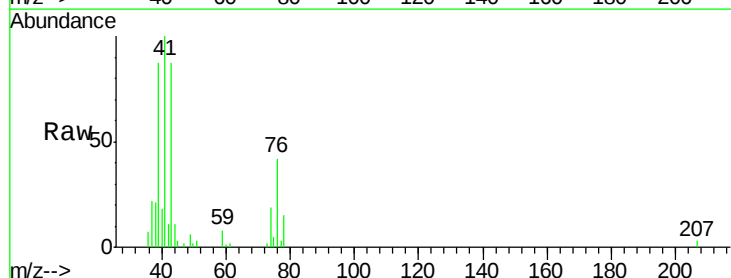
Acq: 29 Jun 2018 15:06

Tgt Ion: 43 Resp: 10174

Ion Ratio Lower Upper

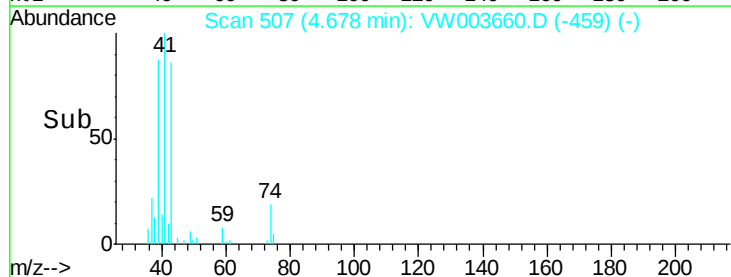
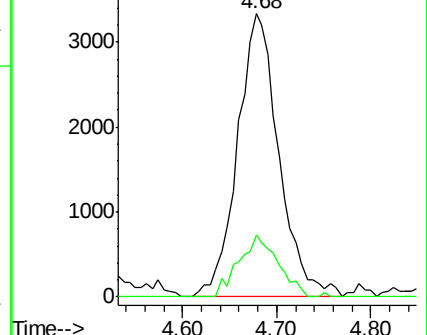
43 100

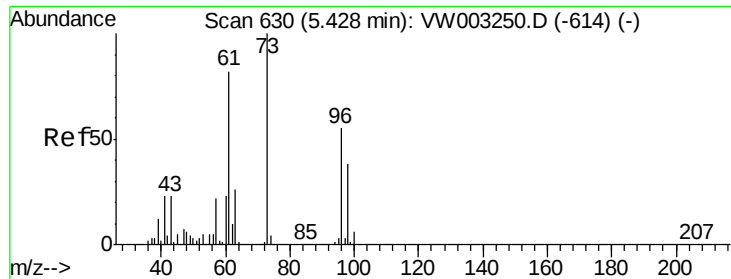
74 20.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

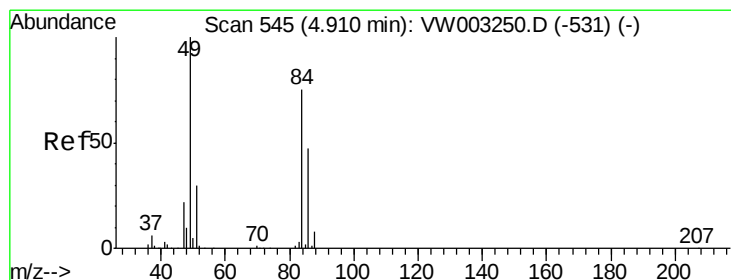
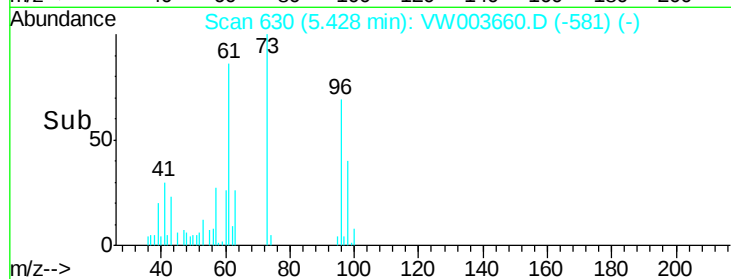
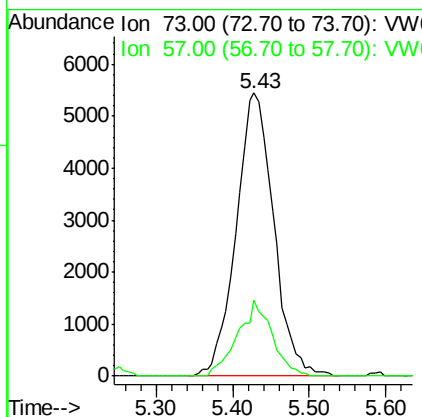
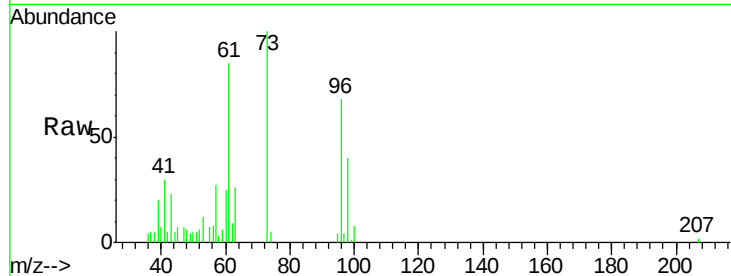




#19
Methvl tert-butvl Ether
Concen: 5.531 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

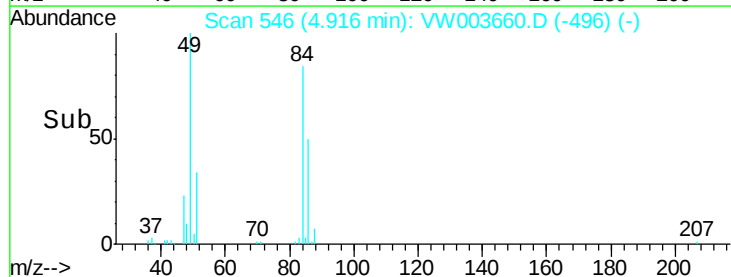
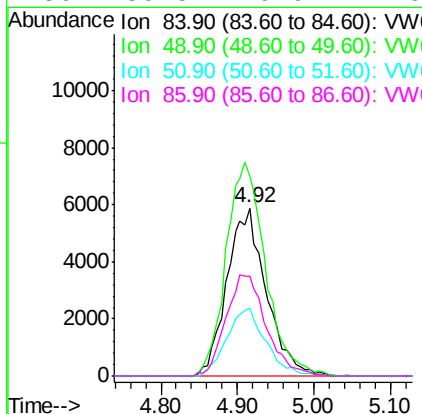
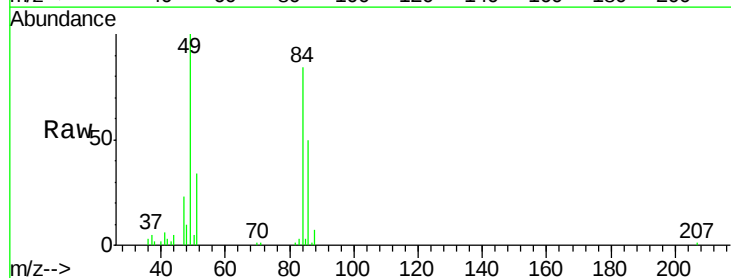
Instrument :
MSVOA_W
ClientSampled :

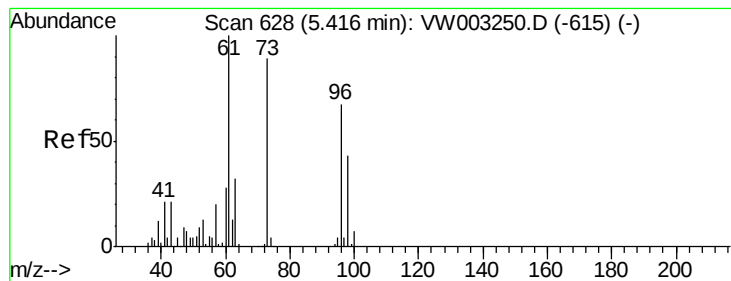
Tot Ion: 73 Resp: 18534
Ion Ratio Lower Upper
73 100
57 26.7 18.0 27.0



#20
Methylene Chloride
Concen: 7.831 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 84 Resp: 20840
Ion Ratio Lower Upper
84 100
49 118.8 106.3 159.5
51 40.4 32.0 48.0
86 59.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 6.142 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampled :

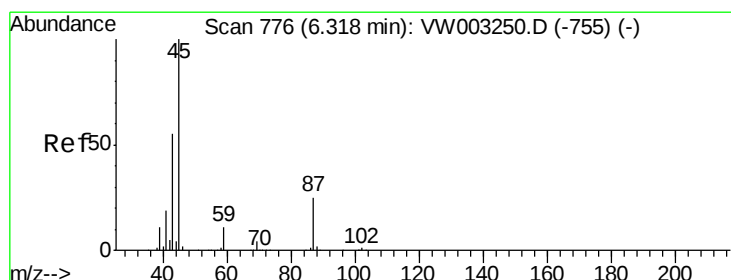
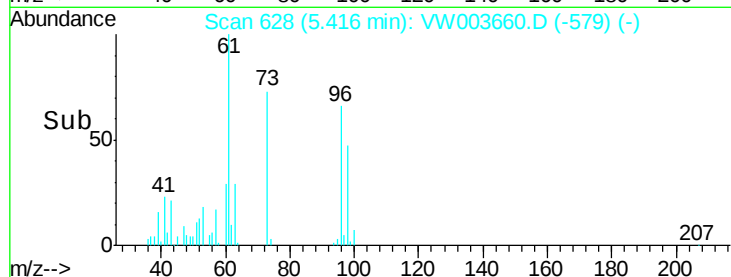
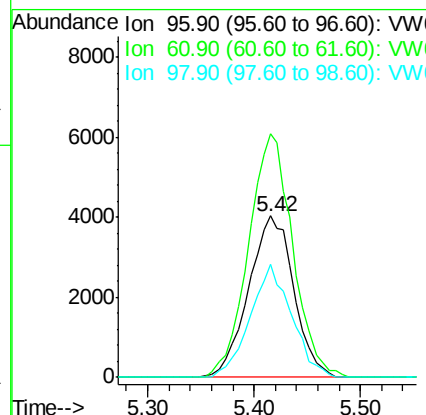
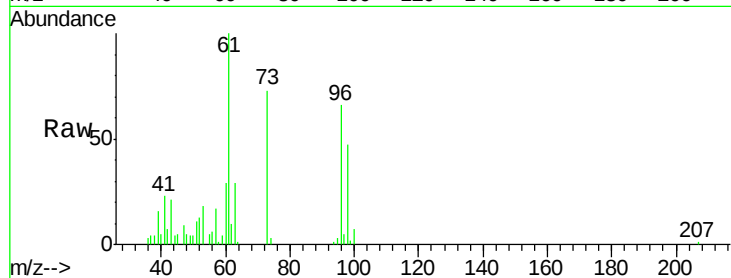
Tot Ion: 96 Resp: 11959

Ion Ratio Lower Upper

96 100

61 150.7 118.7 178.1

98 70.1 51.0 76.6



#22

Diisopropyl ether

Concen: 5.404 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion: 45 Resp: 33707

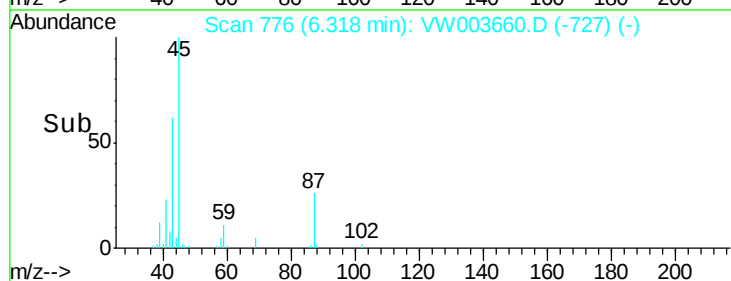
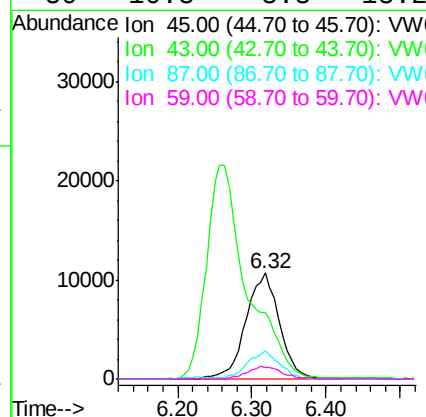
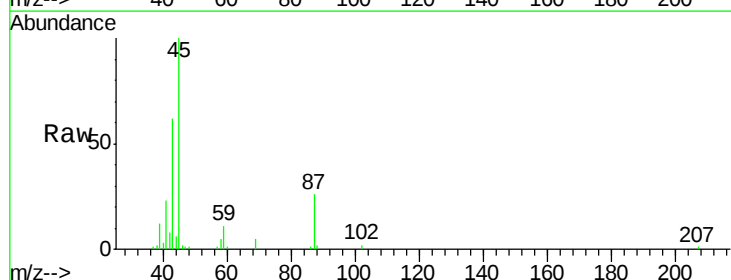
Ion Ratio Lower Upper

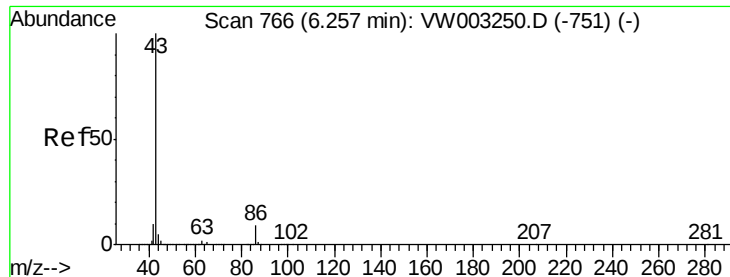
45 100

43 60.5 44.0 66.0

87 26.2 20.6 31.0

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 22.680 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

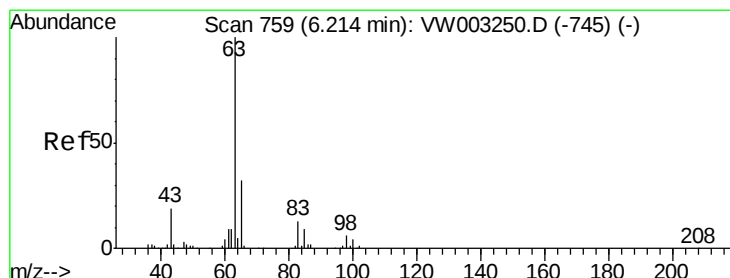
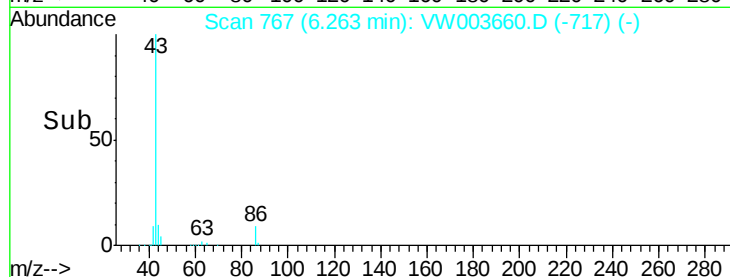
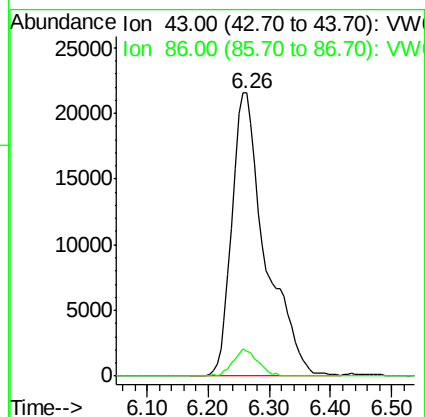
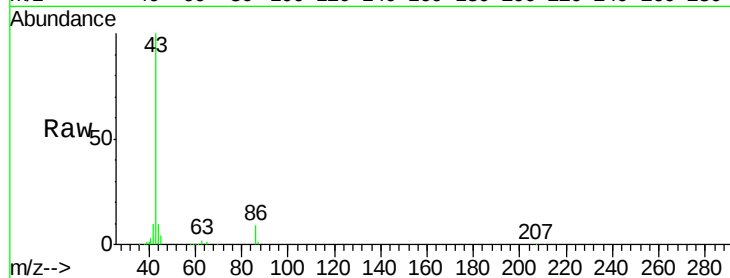
ClientSampleId :

Tot Ion: 43 Resp: 81517

Ion Ratio Lower Upper

43 100

86 8.7 7.5 11.3



#24

1,1-Dichloroethane

Concen: 6.357 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

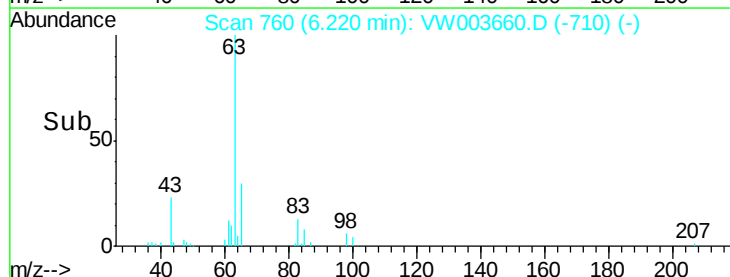
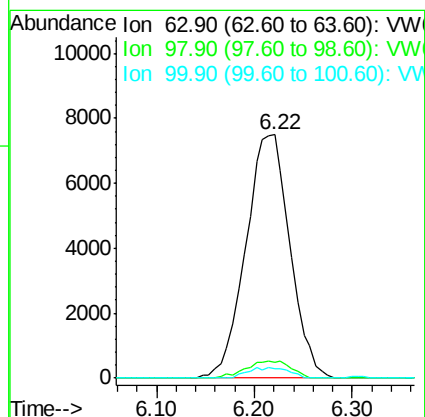
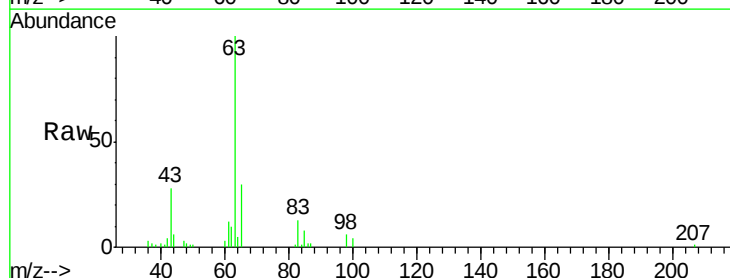
Tgt Ion: 63 Resp: 23537

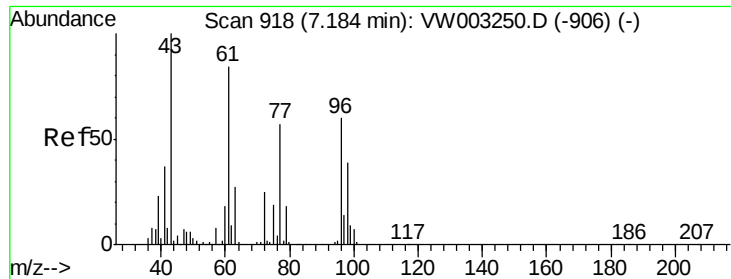
Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 31.308 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

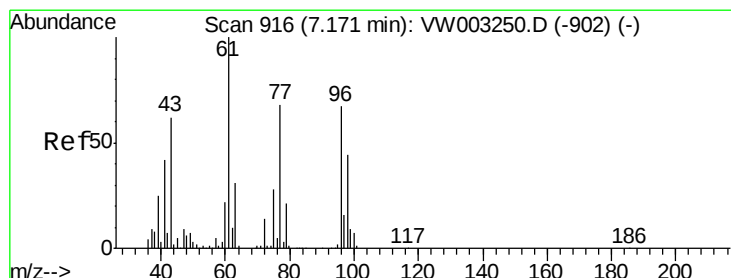
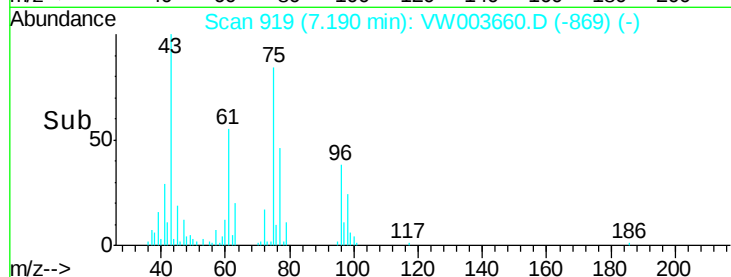
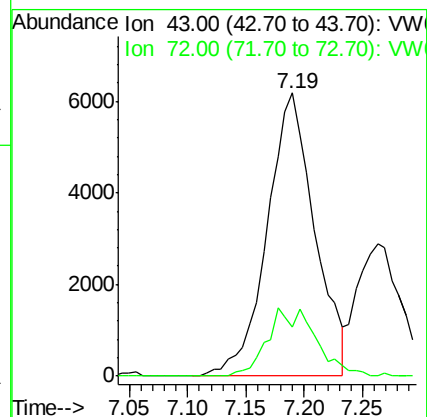
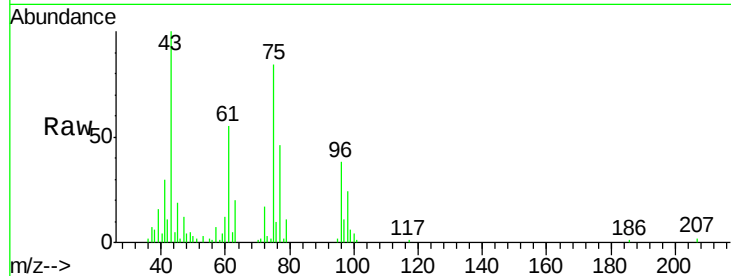
ClientSampled :

Tot Ion: 43 Resp: 17479

Ion Ratio Lower Upper

43 100

72 17.4 20.3 30.5#



#26

2,2-Dichloropropane

Concen: 6.667 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003660.D

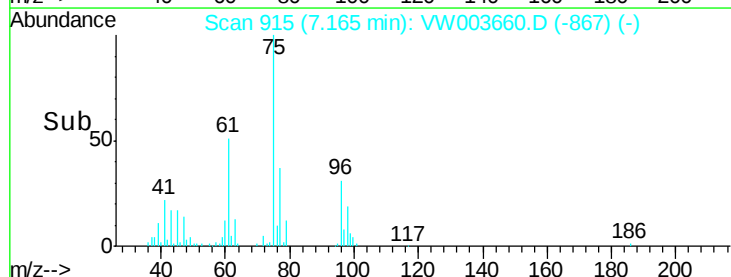
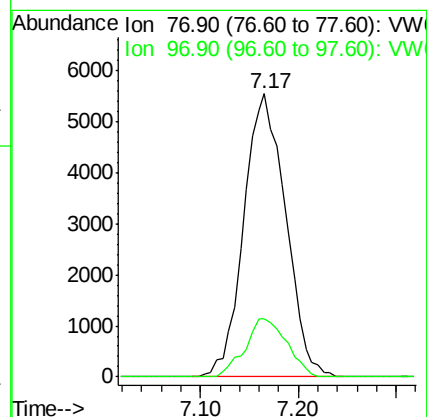
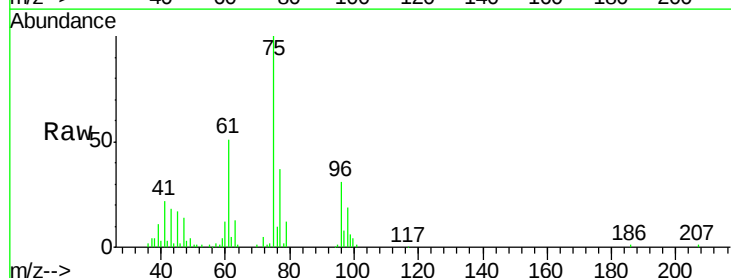
Acq: 29 Jun 2018 15:06

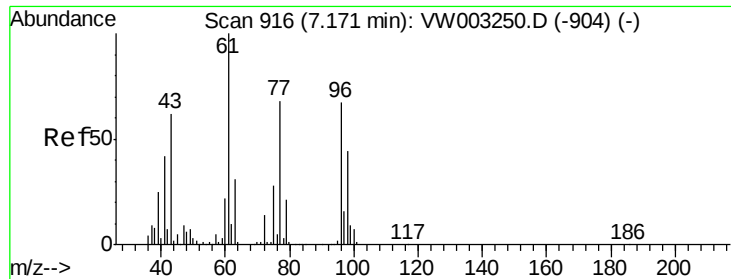
Tgt Ion: 77 Resp: 16476

Ion Ratio Lower Upper

77 100

97 20.3 11.3 33.9



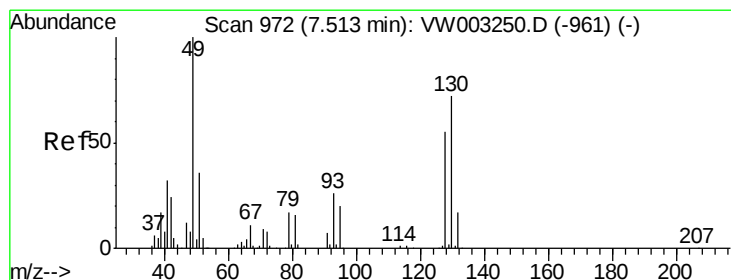
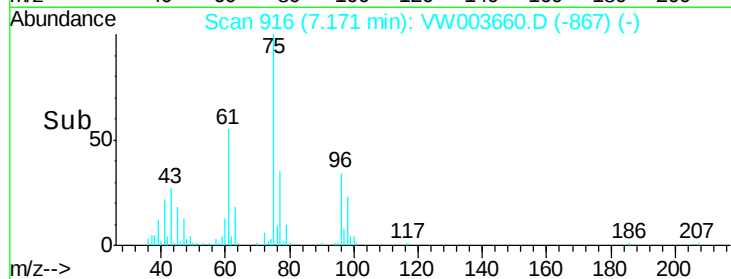
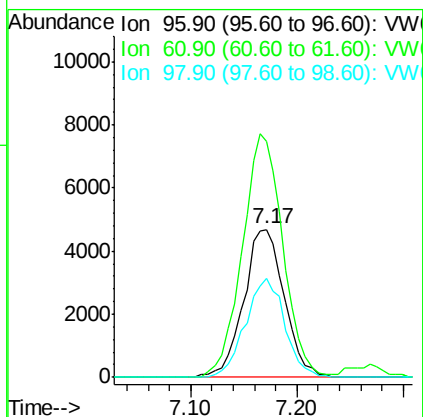
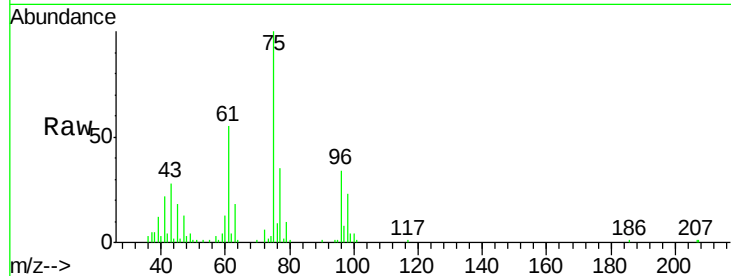


#27

cis-1,2-Dichloroethene
Concen: 5.854 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampled :

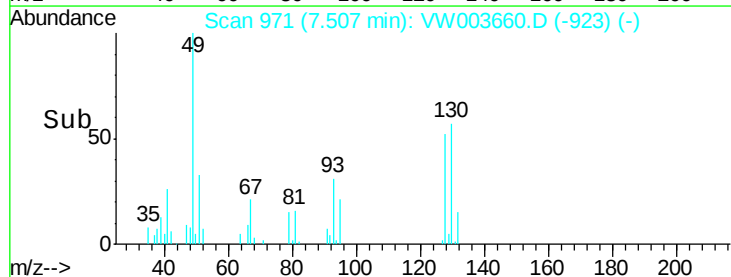
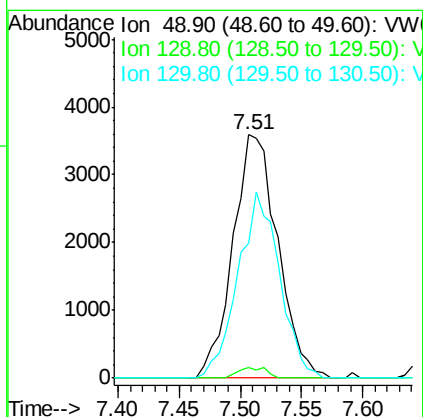
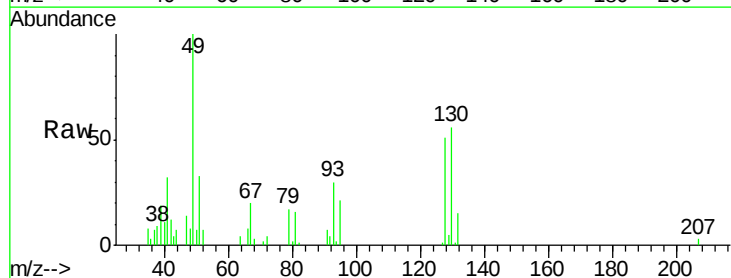
Tot Ion: 96 Resp: 12521
Ion Ratio Lower Upper
96 100
61 163.5 0.0 298.8
98 64.8 0.0 130.4

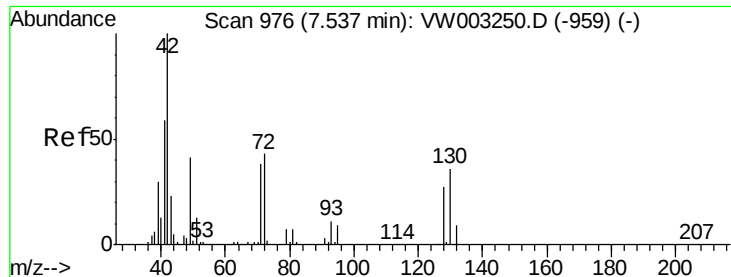


#28

Bromochloromethane
Concen: 5.919 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 49 Resp: 9120
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.6
130 70.8 59.4 89.2

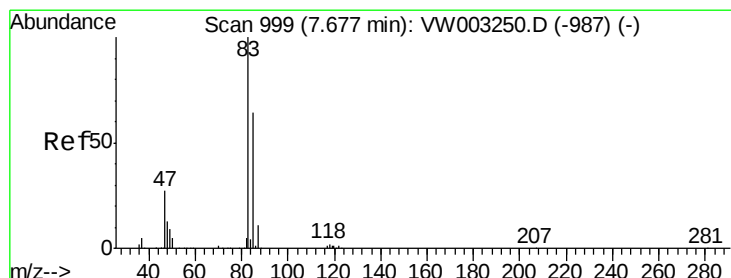
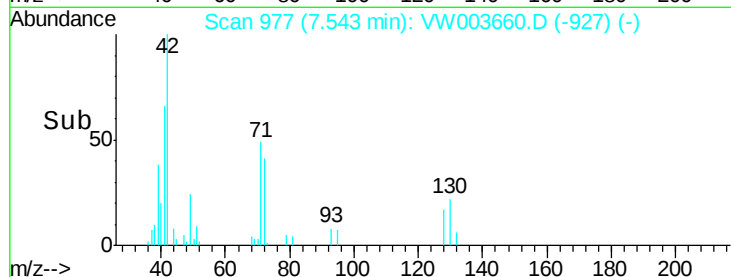
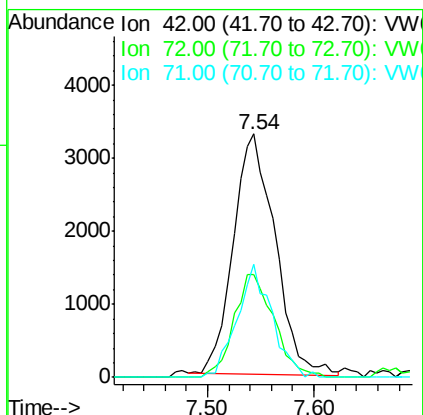
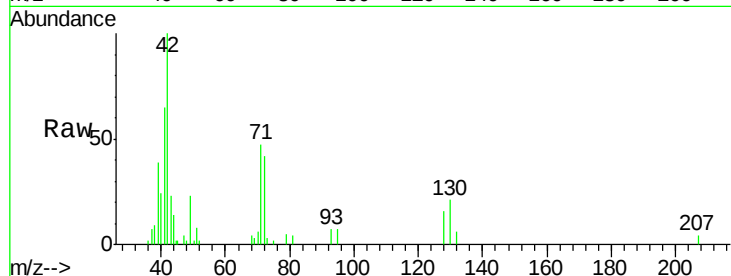




#29
Tetrahydrofuran
Concen: 26.564 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

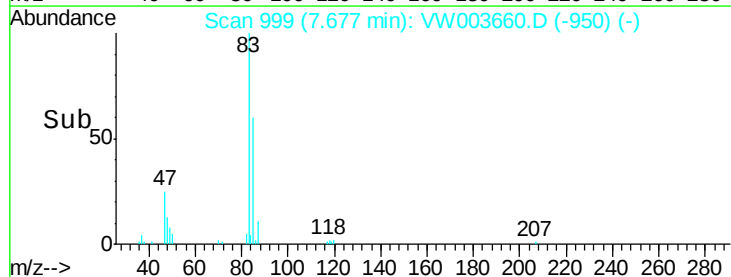
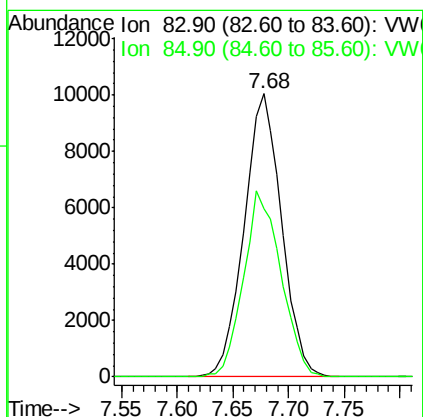
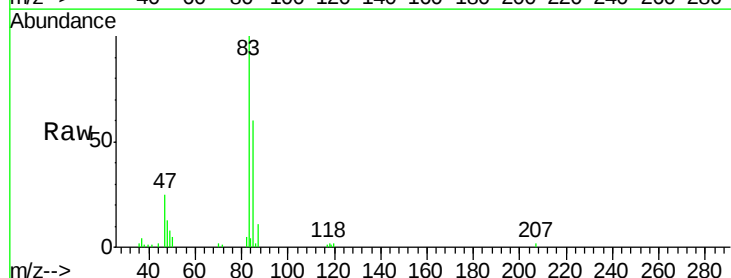
Instrument :
MSVOA_W
ClientSampled :

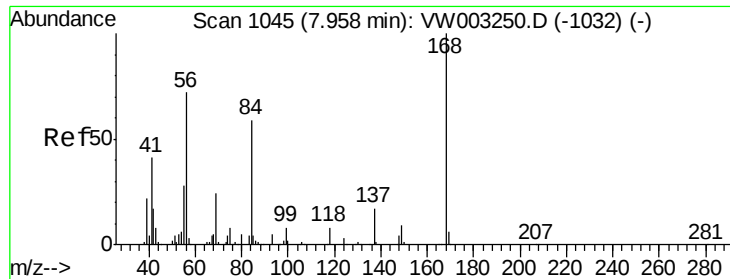
Tot Ion: 42 Resp: 9064
Ion Ratio Lower Upper
42 100
72 41.2 32.4 48.6
71 39.2 31.2 46.8



#30
Chloroform
Concen: 6.240 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 83 Resp: 23538
Ion Ratio Lower Upper
83 100
85 59.5 51.3 76.9





#31

Cyclohexane

Concen: 6.784 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampled :

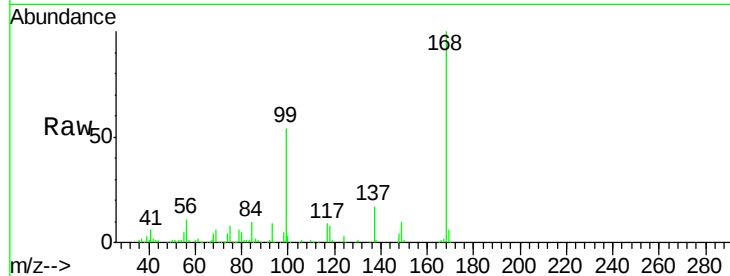
Tot Ion: 56 Resp: 23468

Ion Ratio Lower Upper

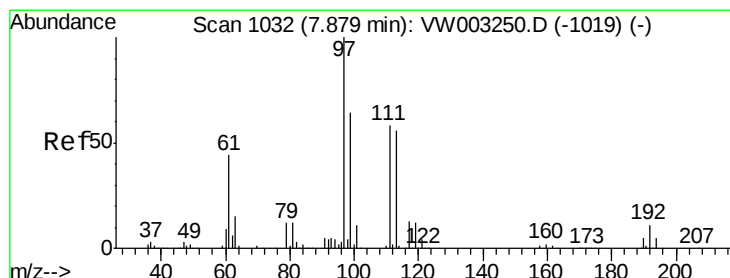
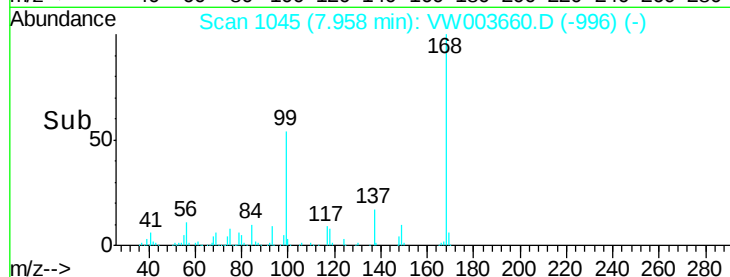
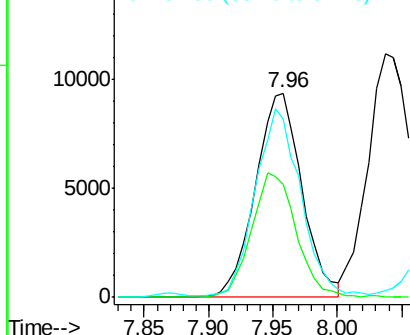
56 100

69 55.3 26.3 39.5#

84 86.6 65.7 98.5



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



#32

1,1,1-Trichloroethane

Concen: 6.064 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

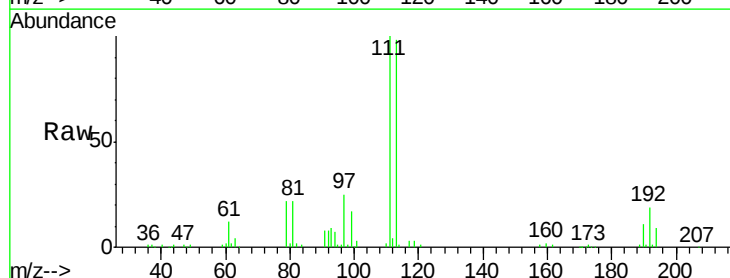
Tgt Ion: 97 Resp: 18882

Ion Ratio Lower Upper

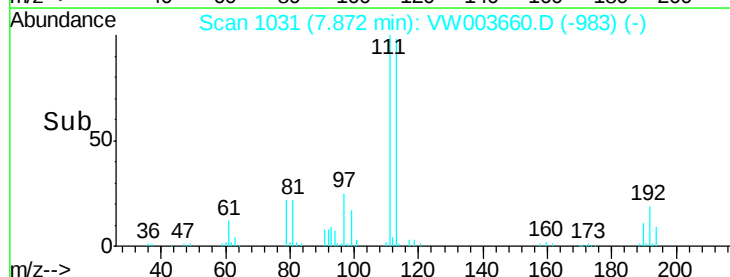
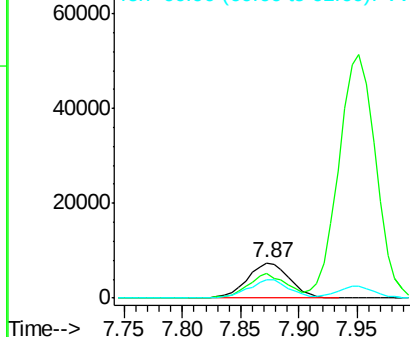
97 100

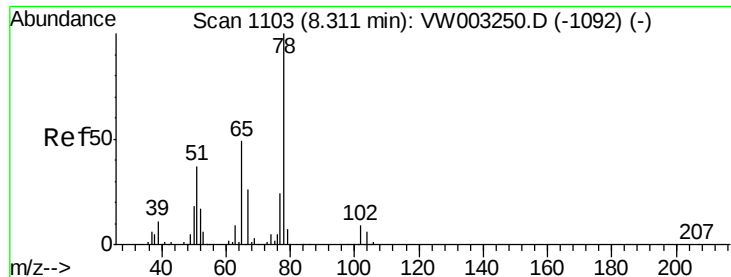
99 63.2 51.7 77.5

61 48.9 37.6 56.4



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

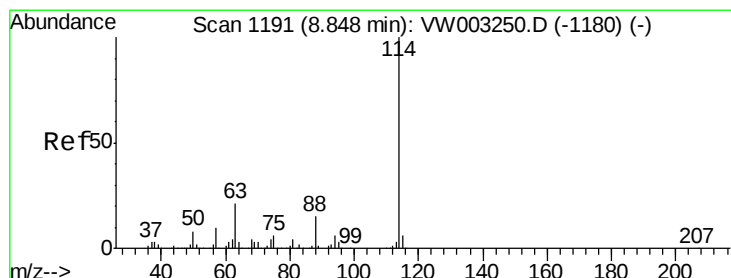
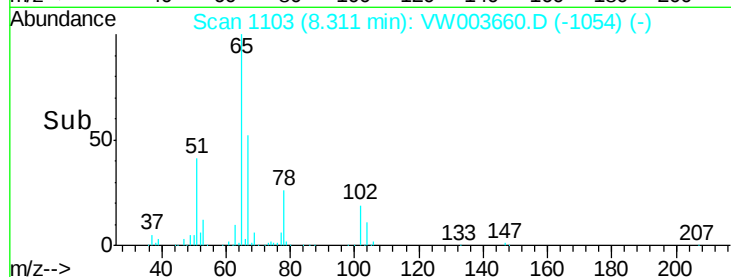
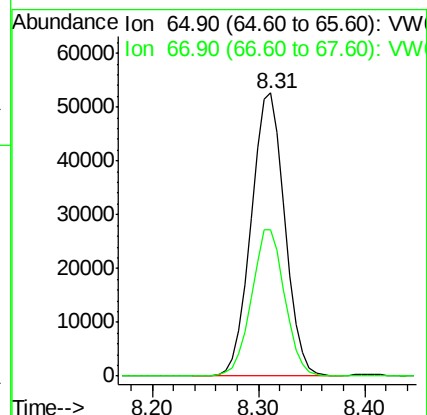
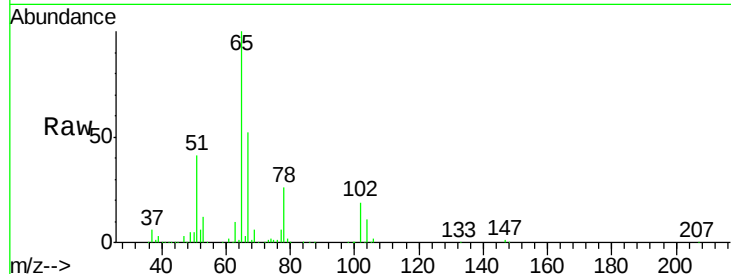




#33
 1,2-Dichloroethane-d4
 Concen: 54.499 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

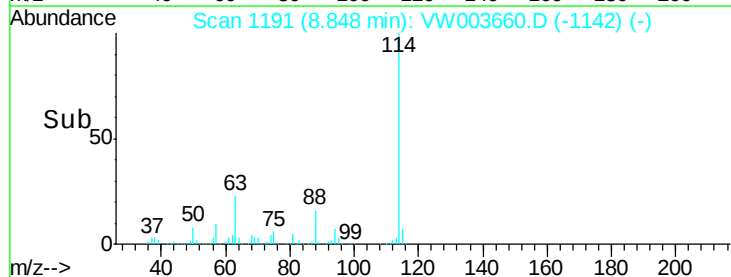
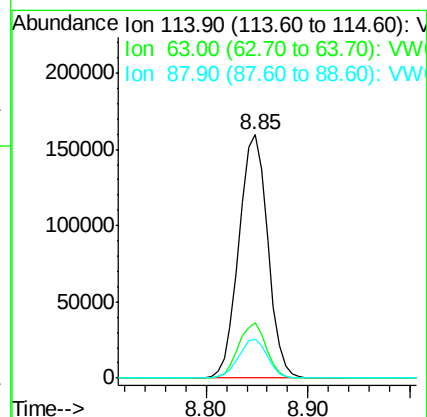
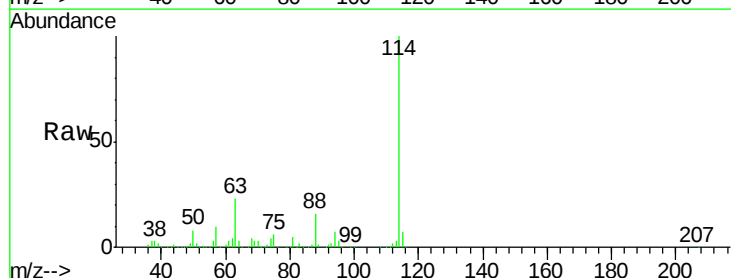
Instrument :
 MSVOA_W
 ClientSampleId :

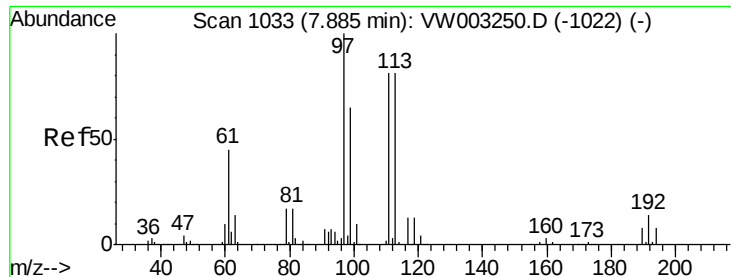
Tot Ion: 65 Resp: 116668
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion: 114 Resp: 312243
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.0
 88 15.9 0.0 29.6

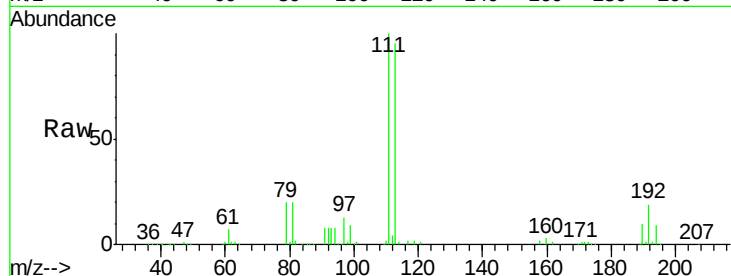




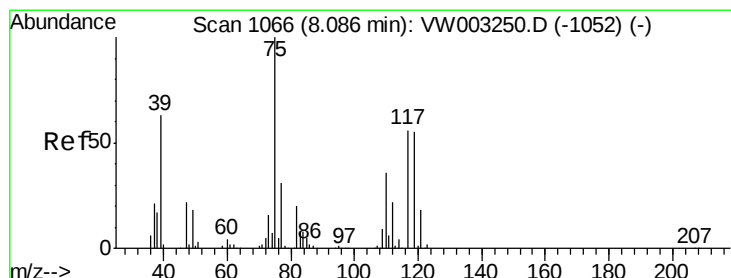
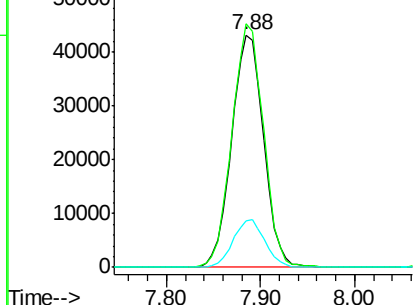
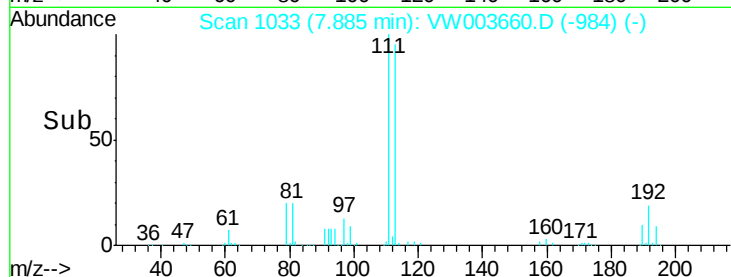
#35
 Dibromofluoromethane
 Concen: 52.597 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 102049
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 20.2 16.2 24.2

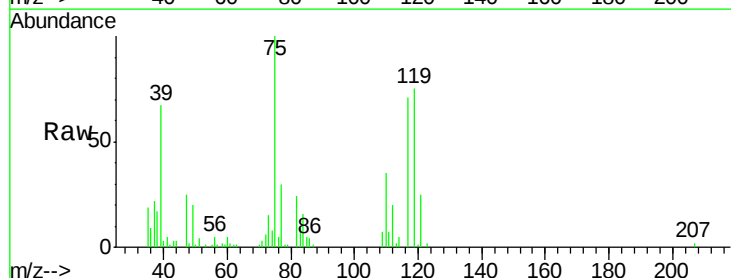


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

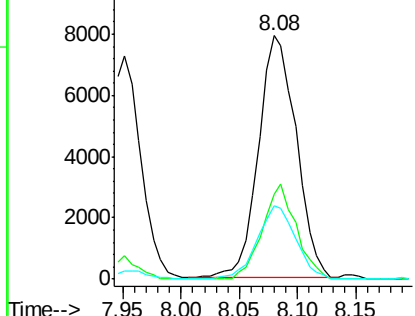
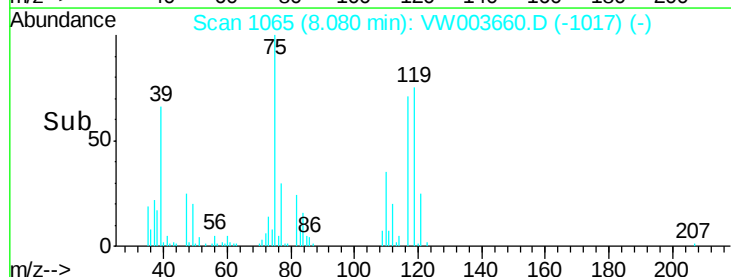


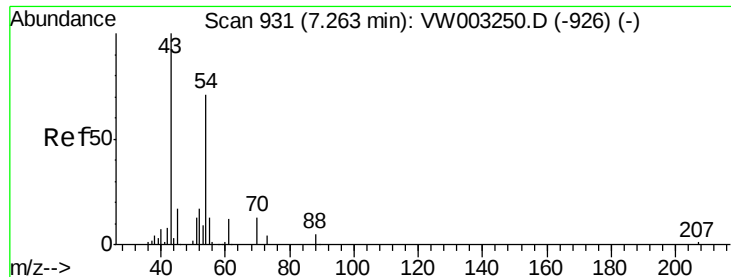
#36
 1,1-Dichloropropene
 Concen: 5.885 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion: 75 Resp: 17747
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.1 51.3
 77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

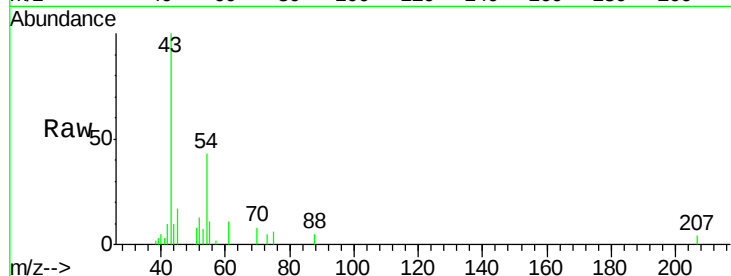




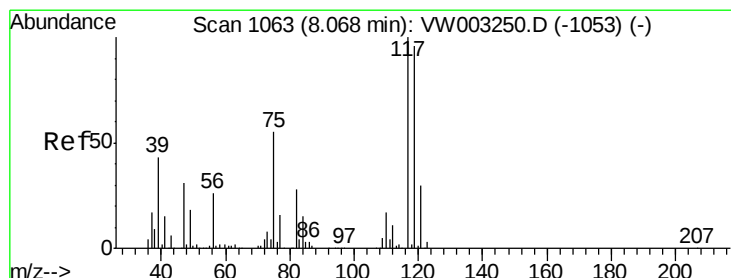
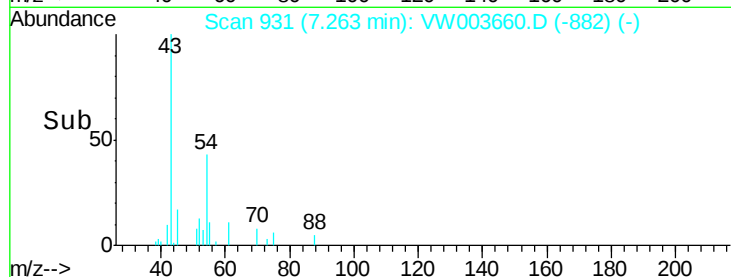
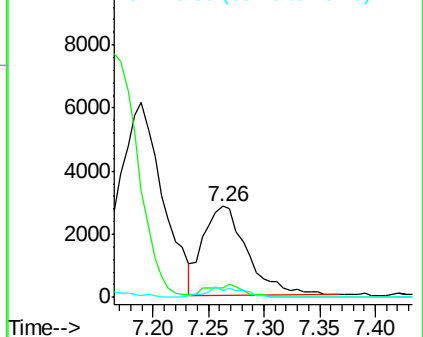
#37
Ethyl Acetate
Concen: 6.261 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 7821
Ion Ratio Lower Upper
43 100
61 12.4 10.8 16.2
70 9.5 7.8 11.6

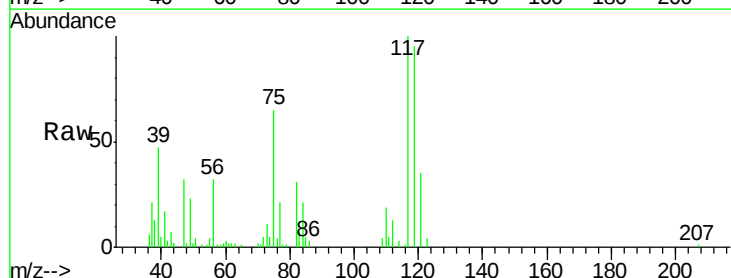


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

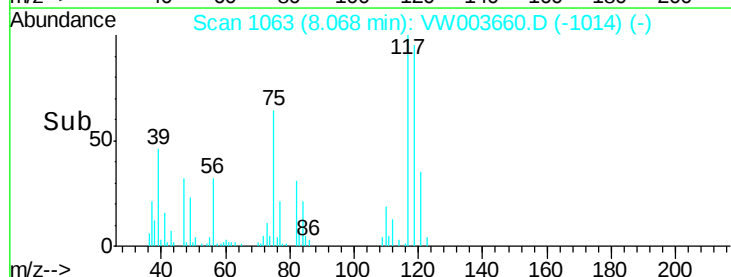
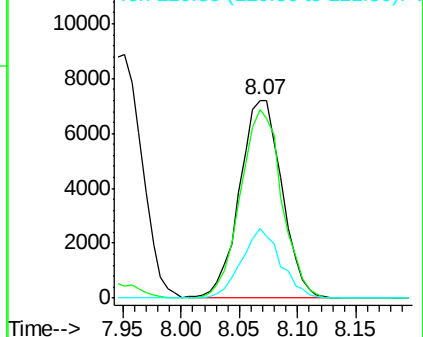


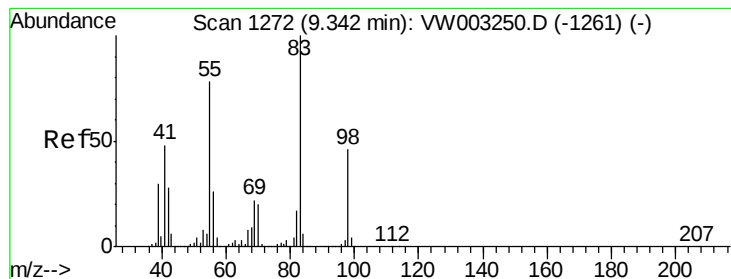
#38
Carbon Tetrachloride
Concen: 6.164 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 117 Resp: 18232
Ion Ratio Lower Upper
117 100
119 95.1 76.6 115.0
121 35.2 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 5.723 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

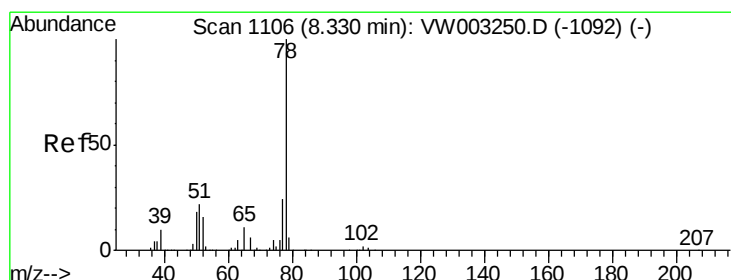
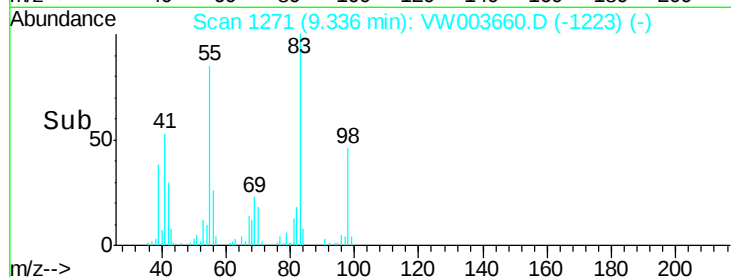
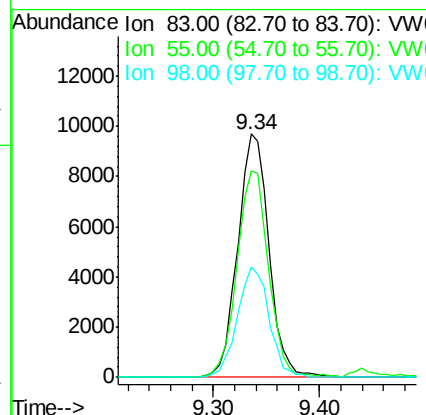
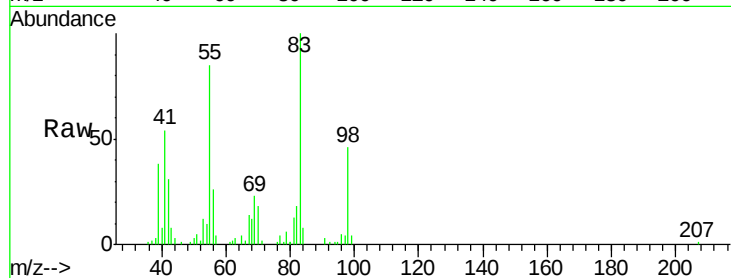
Tot Ion: 83 Resp: 19969

Ion Ratio Lower Upper

83 100

55 84.9 62.6 93.8

98 45.6 37.0 55.4



#40

Benzene

Concen: 6.216 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VW003660.D

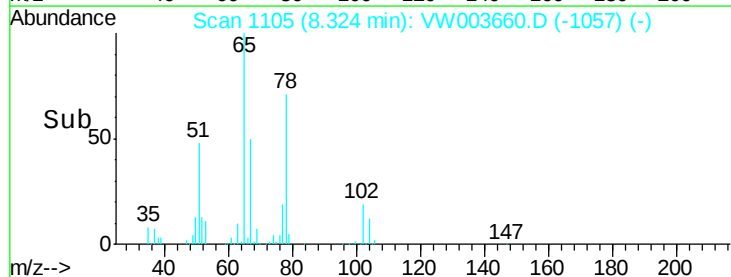
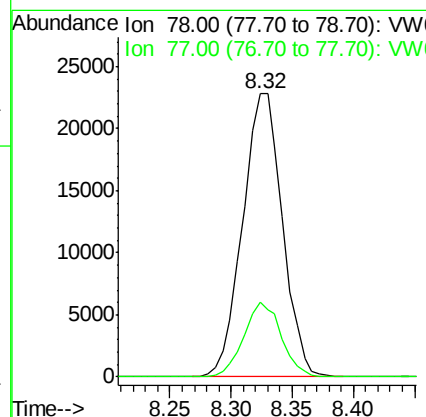
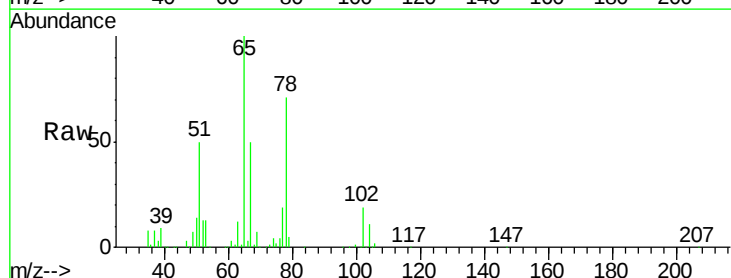
Acq: 29 Jun 2018 15:06

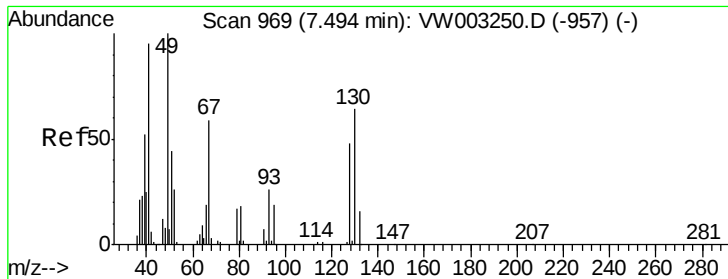
Tgt Ion: 78 Resp: 51668

Ion Ratio Lower Upper

78 100

77 26.2 19.0 28.6

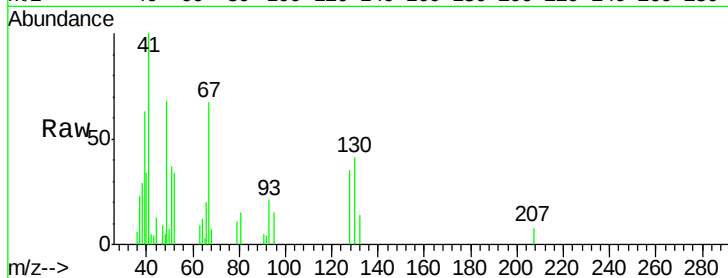




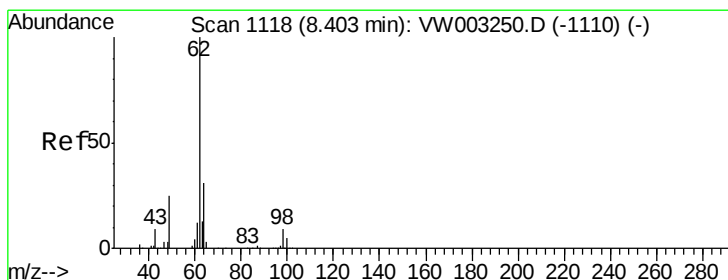
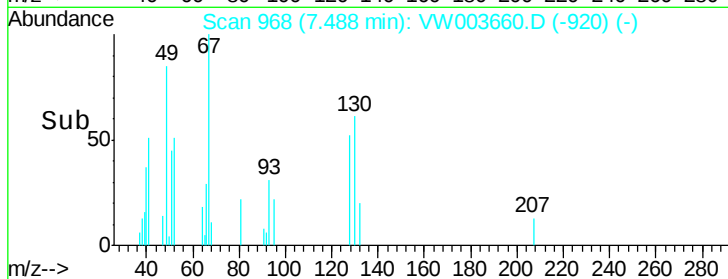
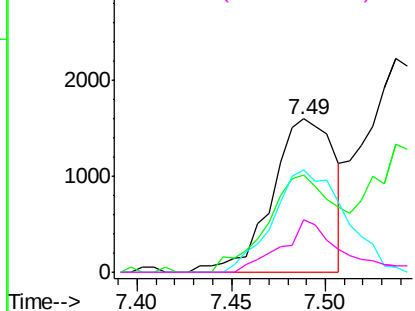
#41
Methacrylonitrile
Concen: 4.795 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	3676
Ion	Ratio	Lower	Upper
41	100		
39	70.9	45.8	68.8#
67	77.2	52.3	78.5
52	32.2	24.1	36.1

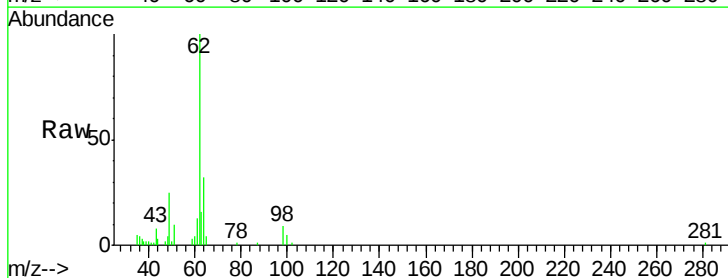


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

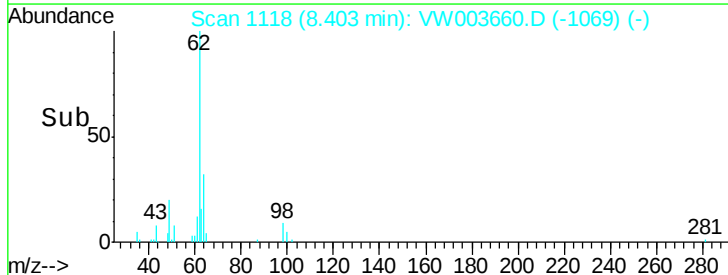
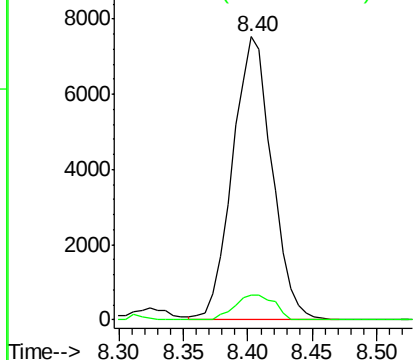


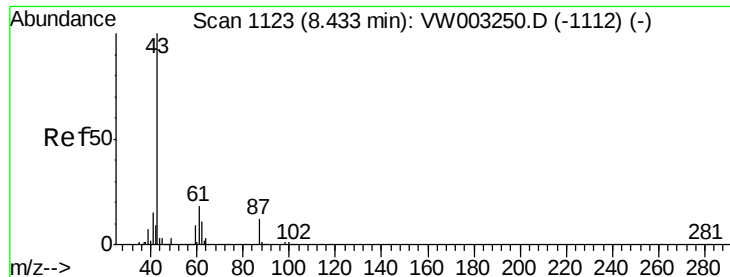
#42
1,2-Dichloroethane
Concen: 6.133 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion:	62	Resp:	15971
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 5.585 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampled :

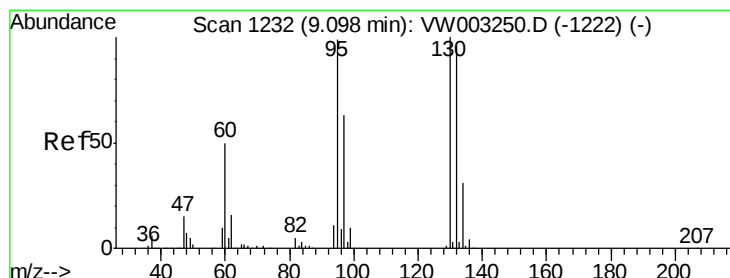
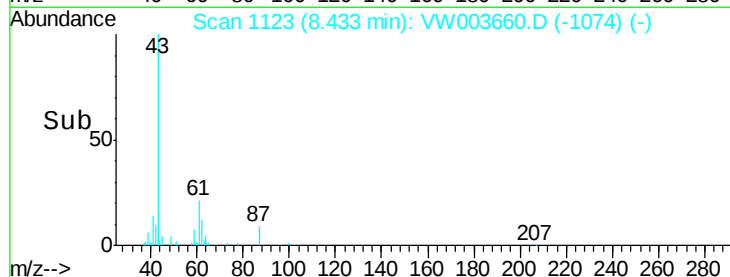
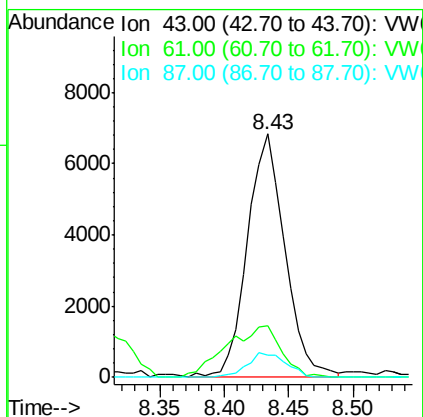
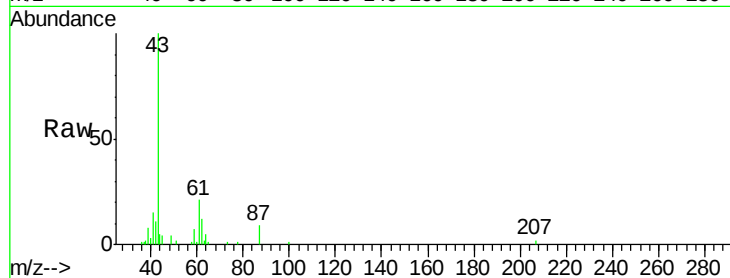
Tot Ion: 43 Resp: 13854

Ion Ratio Lower Upper

43 100

61 30.9 23.1 34.7

87 10.4 9.8 14.6



#44

Trichloroethene

Concen: 6.179 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003660.D

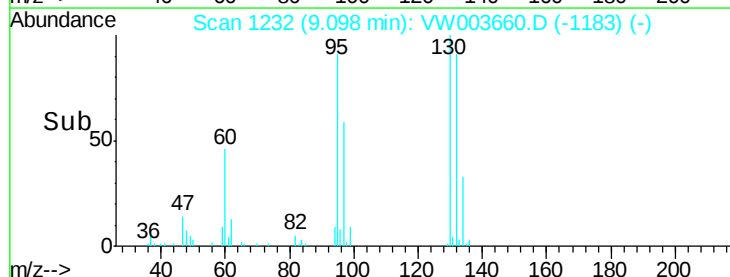
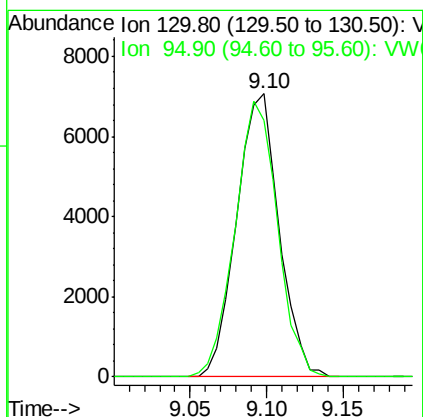
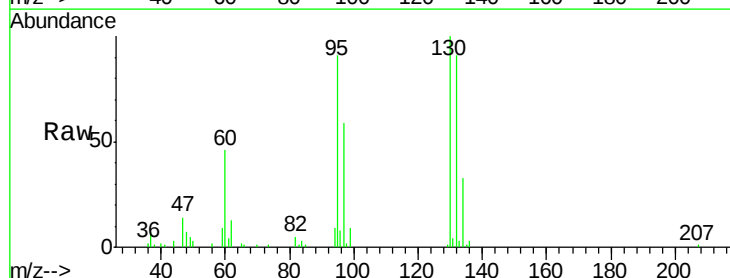
Acq: 29 Jun 2018 15:06

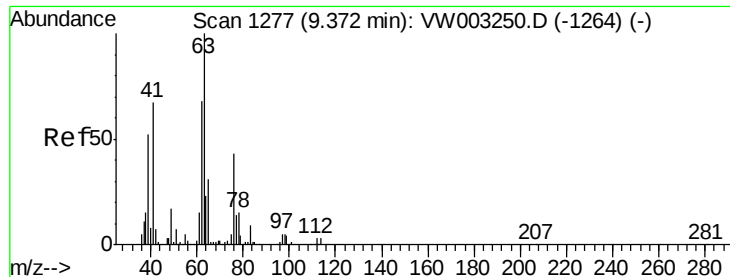
Tgt Ion: 130 Resp: 13609

Ion Ratio Lower Upper

130 100

95 90.7 0.0 198.0





#45

1,2-Dichloropropane

Concen: 6.114 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

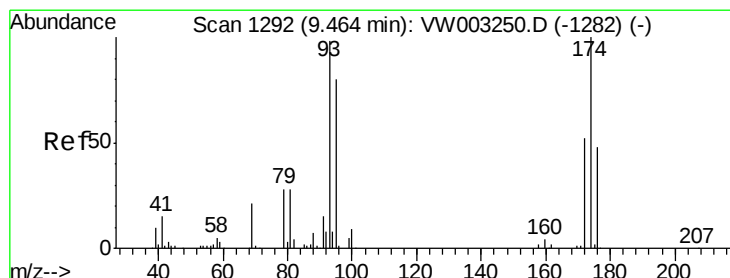
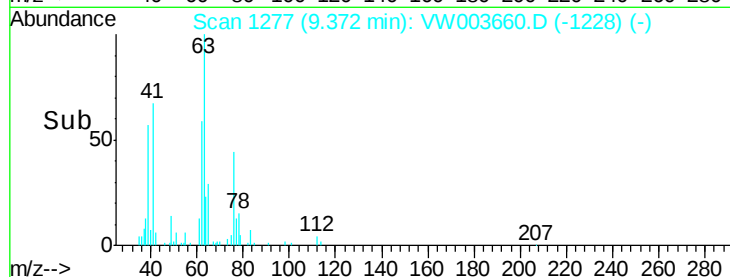
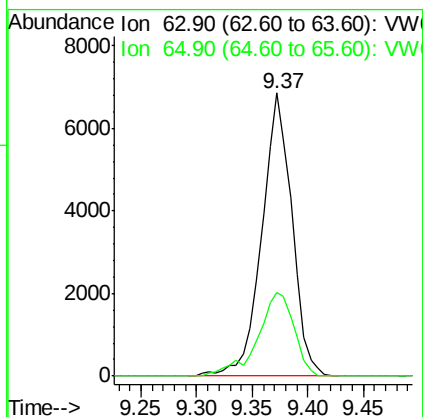
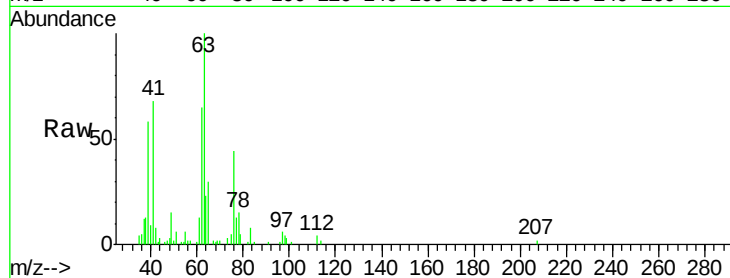
ClientSampleId :

Tot Ion: 63 Resp: 12939

Ion Ratio Lower Upper

63 100

65 29.8 25.1 37.7



#46

Dibromomethane

Concen: 6.036 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

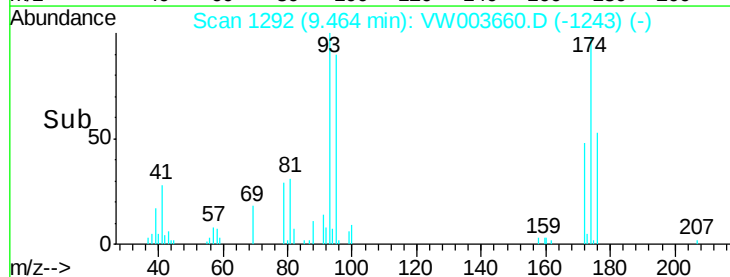
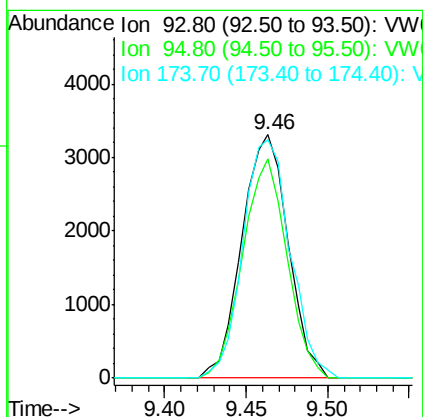
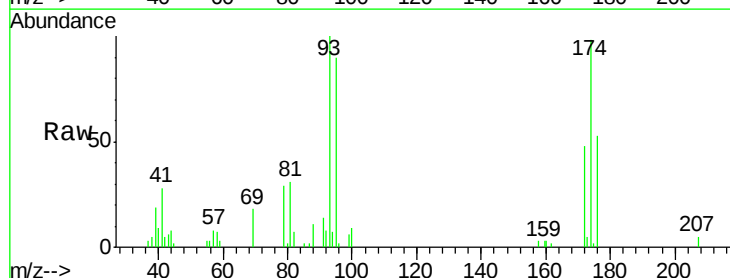
Tgt Ion: 93 Resp: 6540

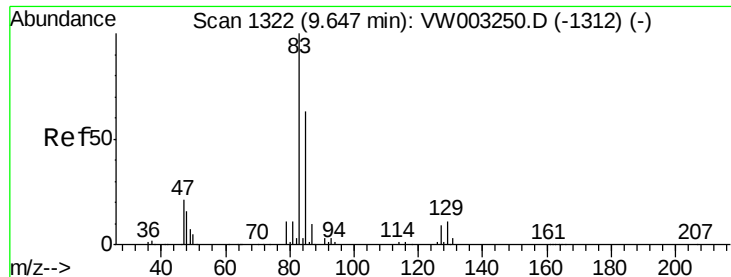
Ion Ratio Lower Upper

93 100

95 86.3 65.8 98.8

174 99.8 81.4 122.0

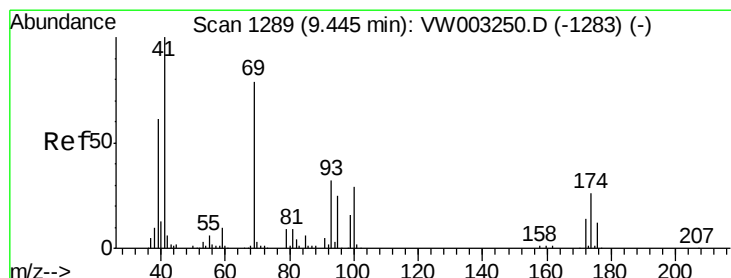
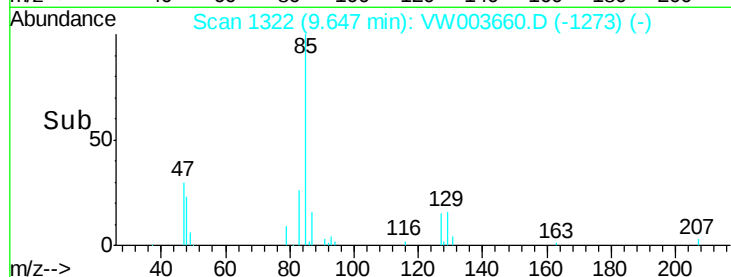
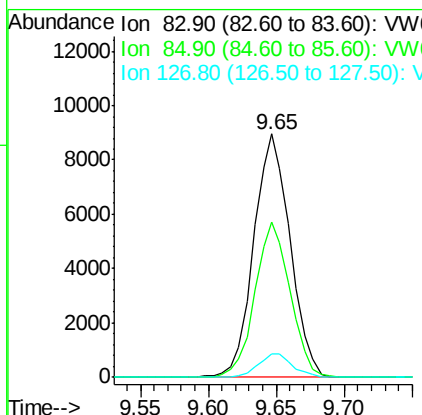
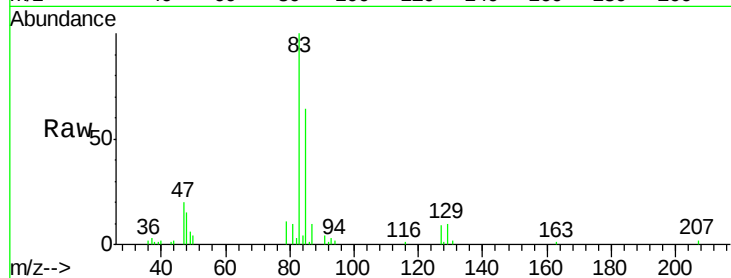




#47
 Bromodichloromethane
 Concen: 6.050 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

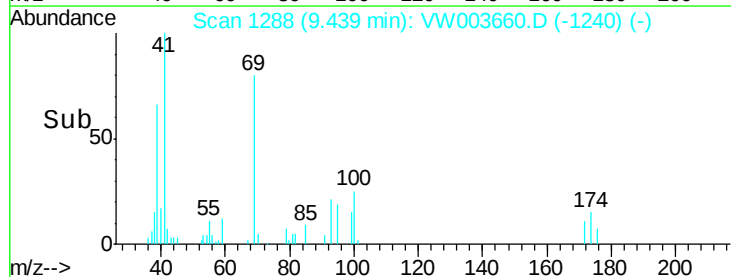
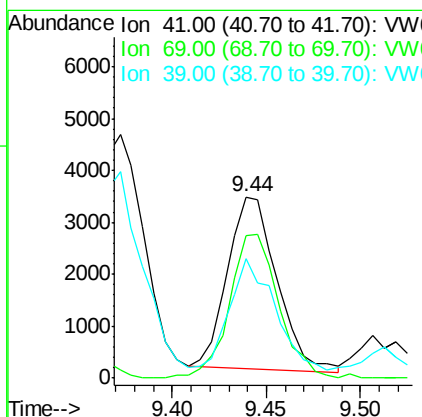
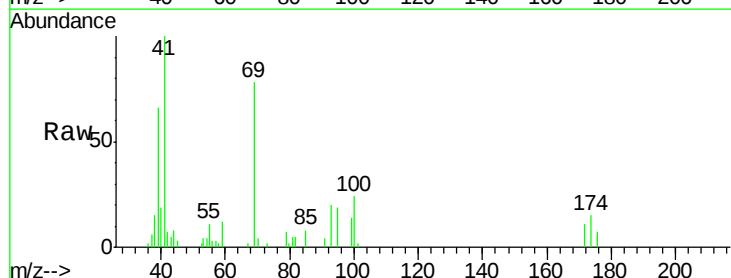
Instrument :
 MSVOA_W
 ClientSampleId :

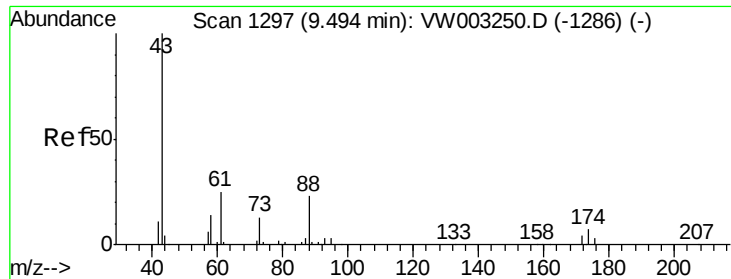
Tot Ion: 83 Resp: 16804
 Ion Ratio Lower Upper
 83 100
 85 64.0 50.6 75.8
 127 9.5 6.8 10.2



#48
 Methyl methacrylate
 Concen: 5.196 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion: 41 Resp: 6057
 Ion Ratio Lower Upper
 41 100
 69 82.7 65.4 98.2
 39 65.6 54.2 81.2

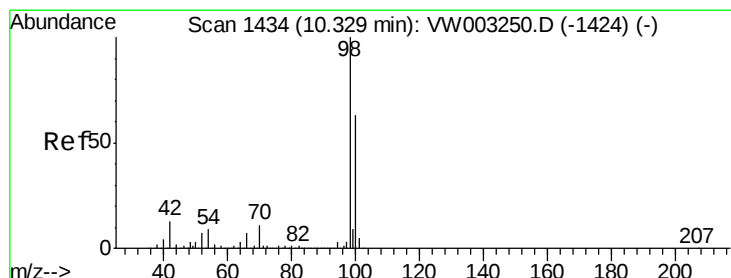
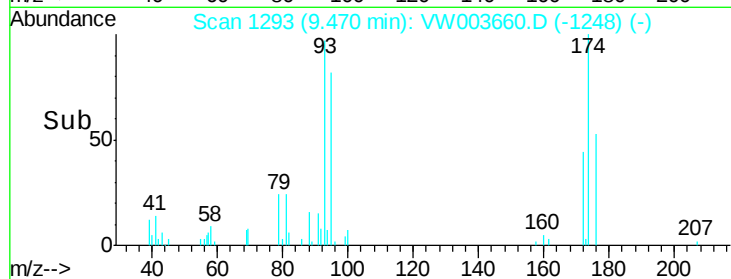
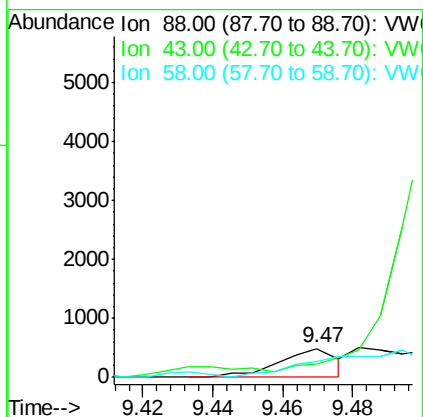
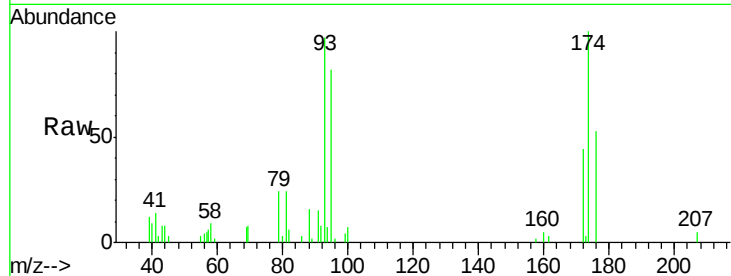




#49
1,4-Dioxane
Concen: 34.658 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. -0.02 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

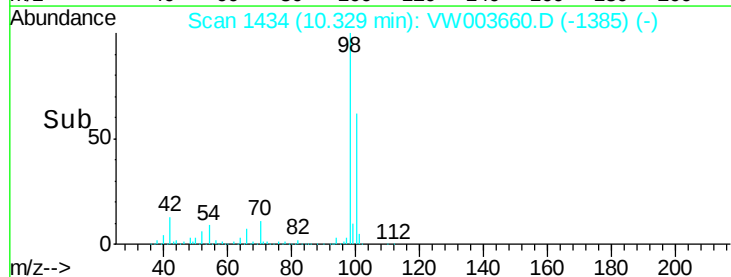
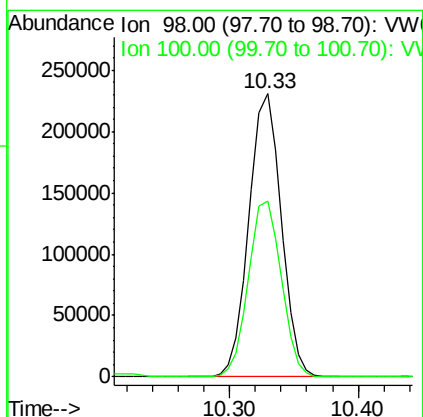
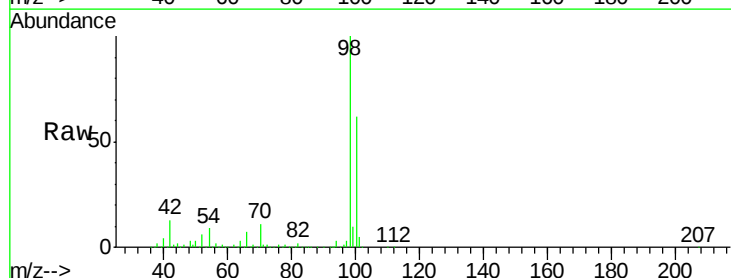
Instrument :
MSVOA_W
ClientSampled :

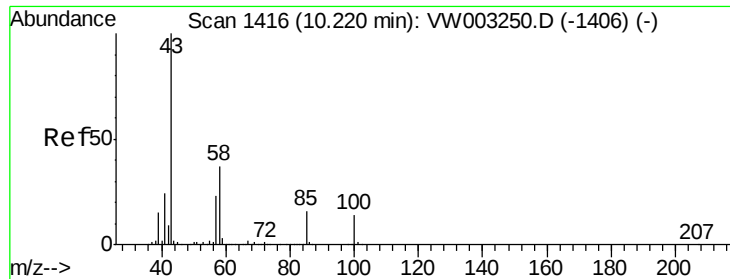
Tot Ion: 88 Resp: 567
Ion Ratio Lower Upper
88 100
43 0.0 454.7 682.1#
58 0.0 58.6 88.0#



#50
Toluene-d8
Concen: 52.058 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 98 Resp: 400493
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2

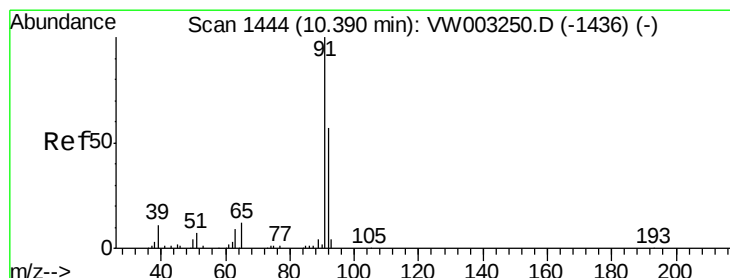
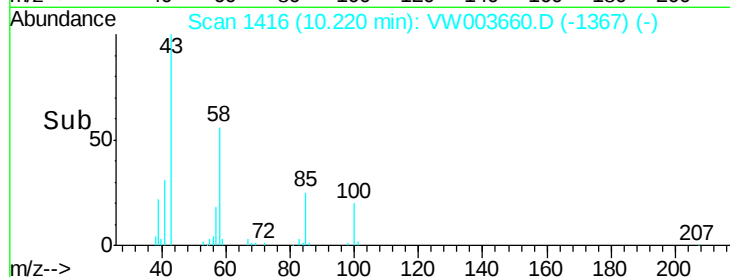
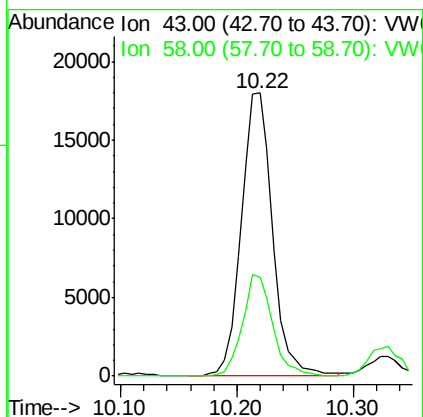
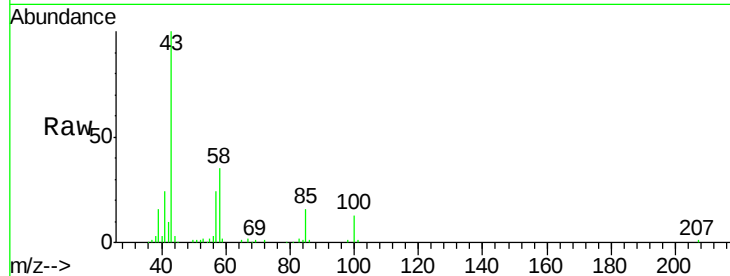




#51
4-Methyl-2-Pentanone
Concen: 26.633 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

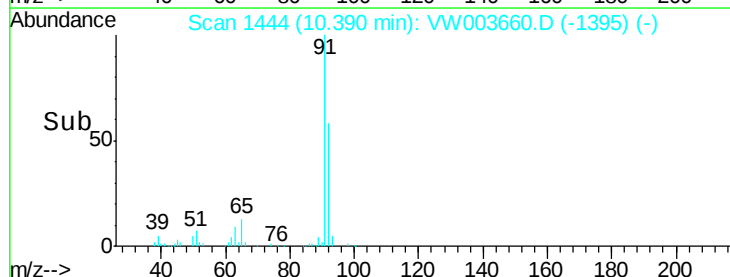
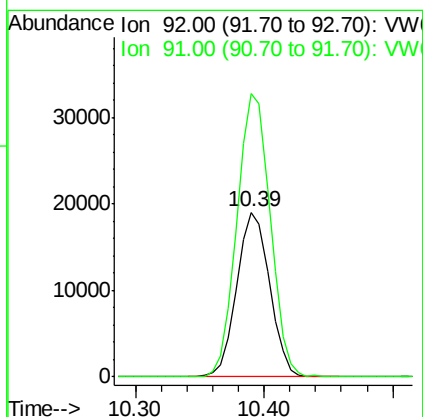
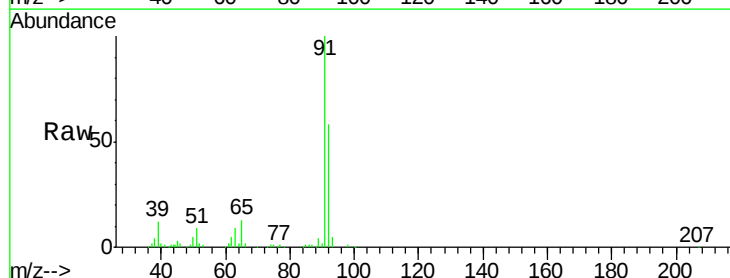
Instrument :
MSVOA_W
ClientSampled :

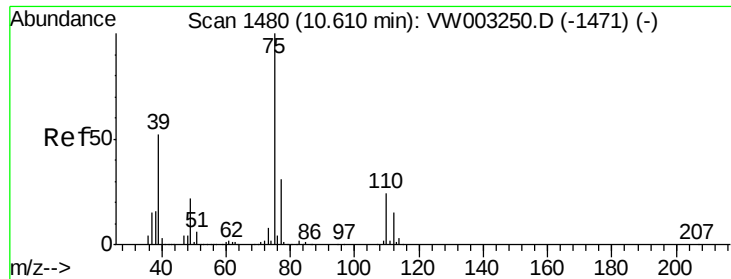
Tot Ion: 43 Resp: 33663
Ion Ratio Lower Upper
43 100
58 34.5 29.0 43.4



#52
Toluene
Concen: 6.328 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 92 Resp: 33728
Ion Ratio Lower Upper
92 100
91 173.3 141.1 211.7

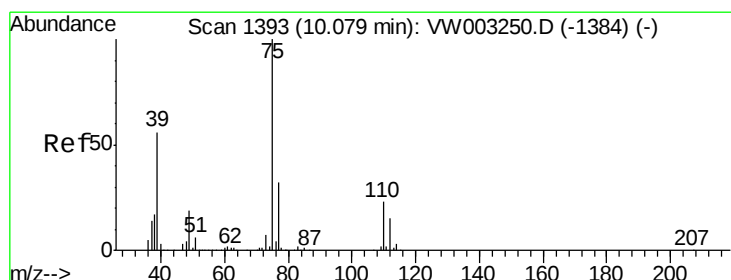
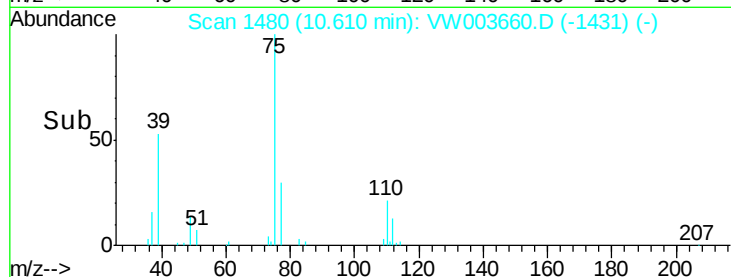
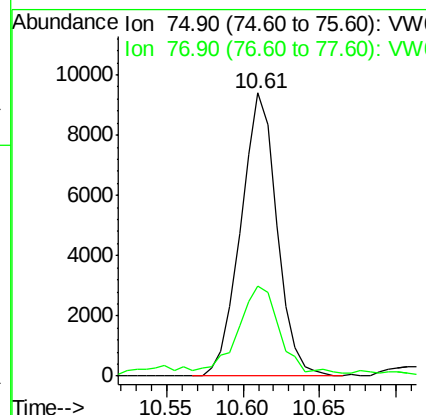
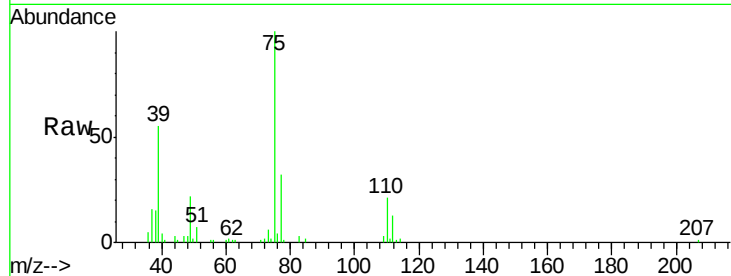




#53
t-1,3-Dichloropropene
Concen: 5.434 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

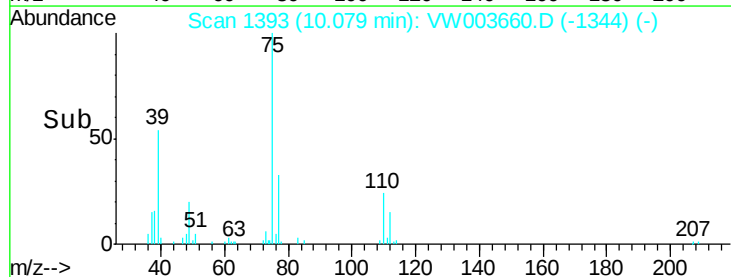
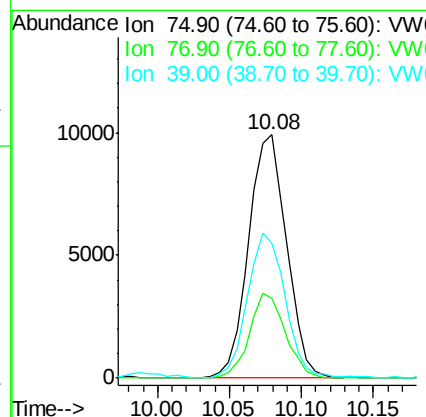
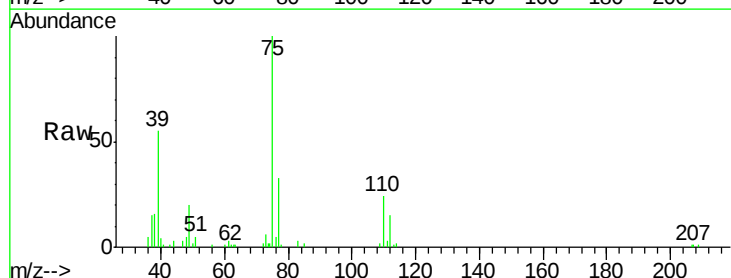
Instrument :
MSVOA_W
ClientSampled :

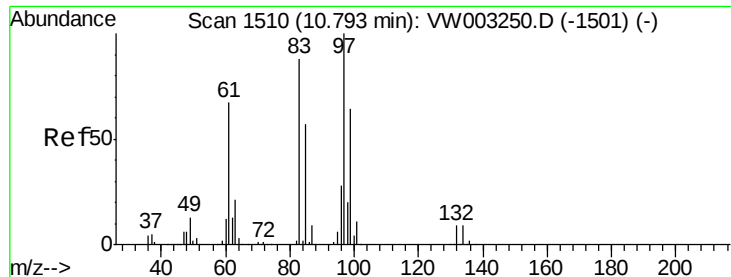
Tot Ion: 75 Resp: 15416
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 5.605 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 75 Resp: 18100
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6
39 55.4 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 5.707 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

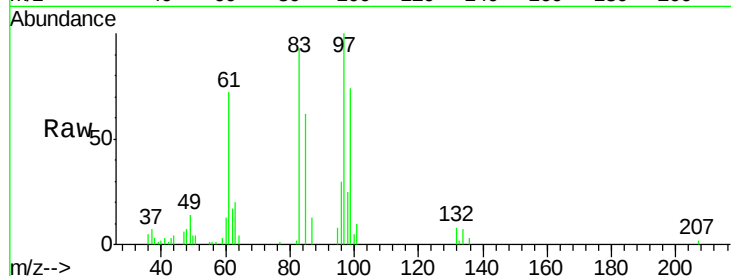
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 8714

Ion	Ratio	Lower	Upper
97	100		
83	92.8	70.2	105.2
85	62.5	45.6	68.4
99	73.5	51.2	76.8



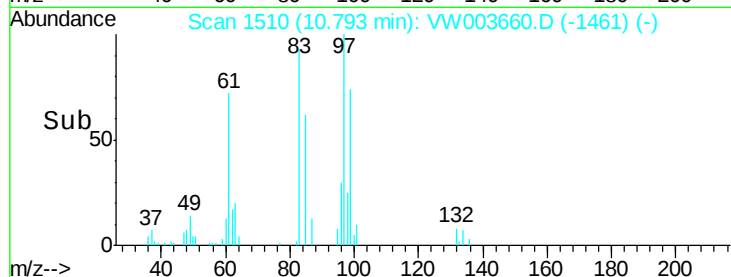
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

Time-->



Abundance

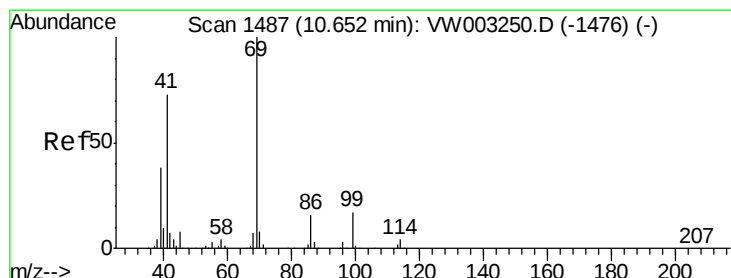
Ion 96.90 (96.60 to 97.60): VW

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

Time-->



#56

Ethyl methacrylate

Concen: 4.857 ug/l

RT: 10.65 min Scan# 1486

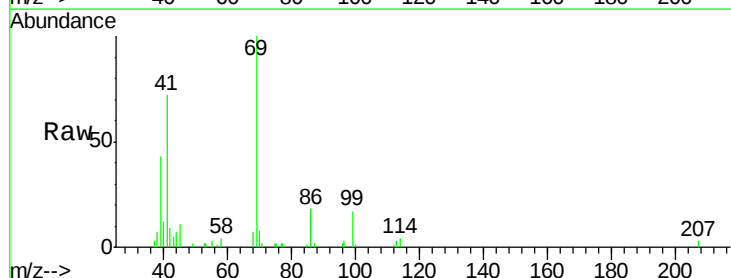
Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion: 69 Resp: 9005

Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.8	86.6
39	45.0	32.7	49.1

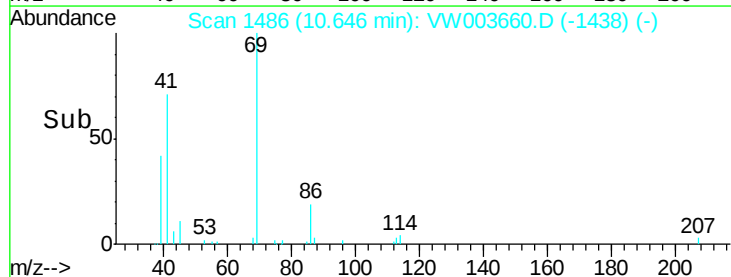


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Time-->



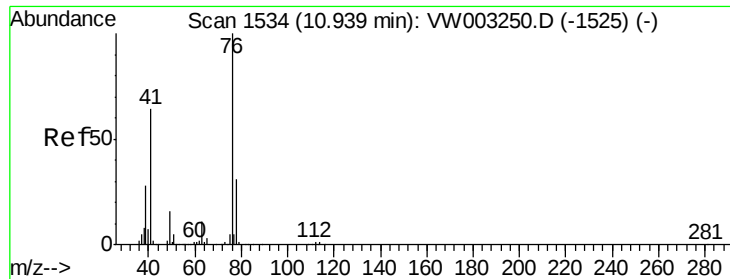
Abundance

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

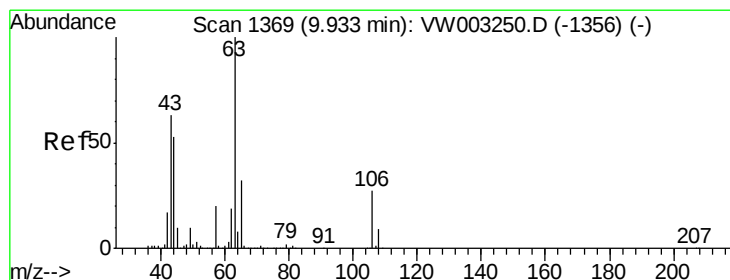
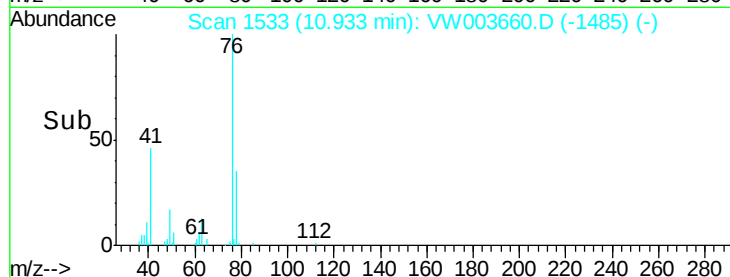
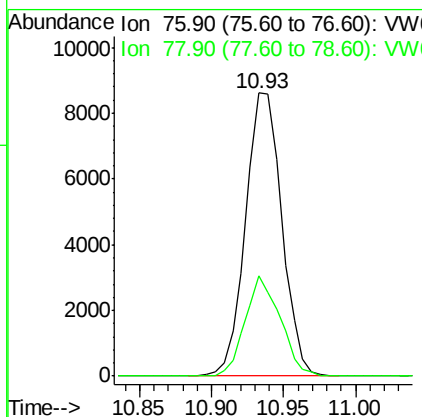
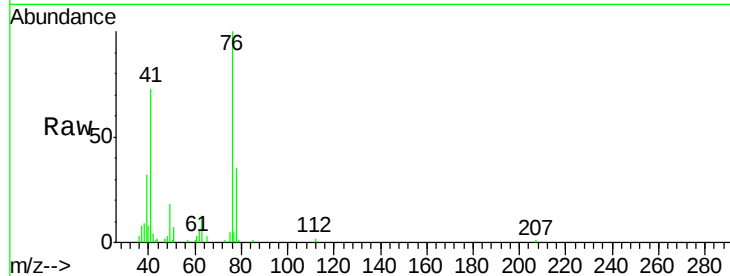
Time-->



#57
 1,3-Dichloropropane
 Concen: 5.709 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

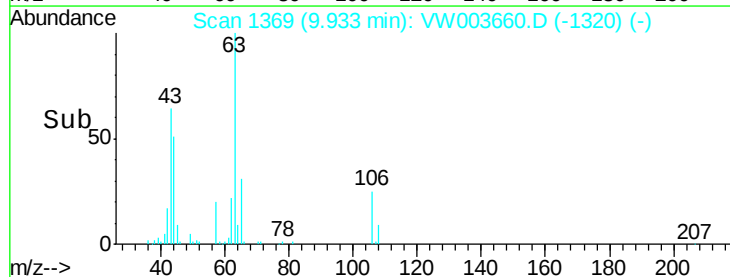
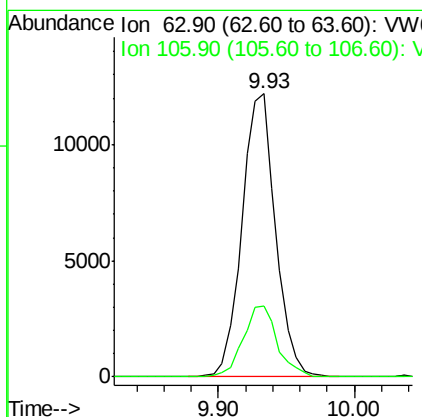
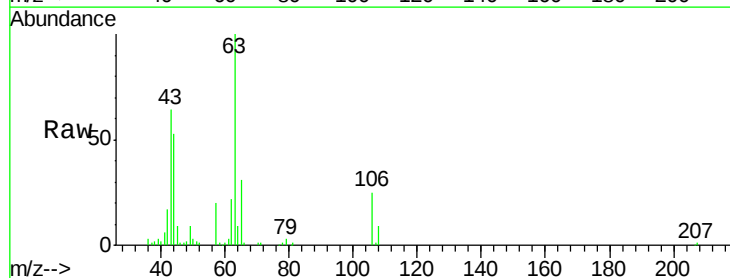
Instrument :
 MSVOA_W
 ClientSampleId :

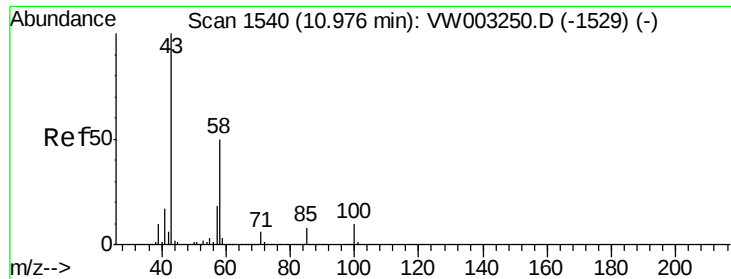
Tot Ion: 76 Resp: 15033
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.248 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion: 63 Resp: 20985
 Ion Ratio Lower Upper
 63 100
 106 25.4 21.8 32.8

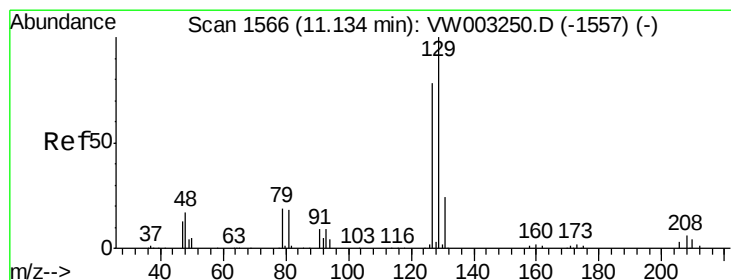
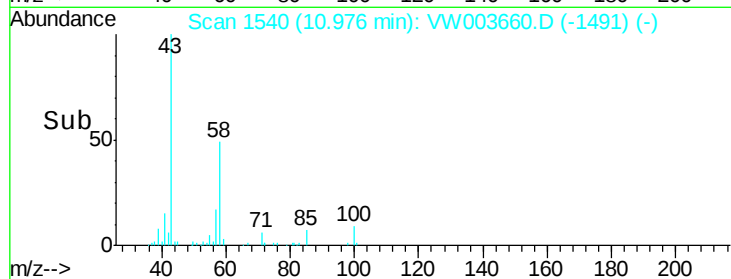
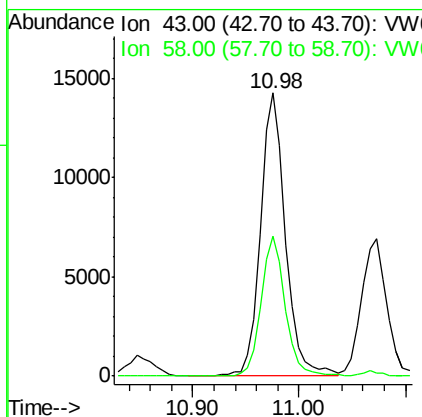
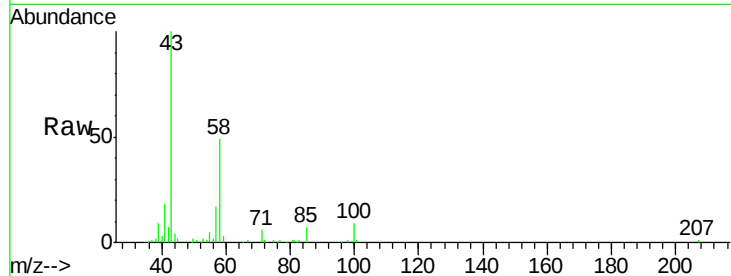




#59
2-Hexanone
Concen: 26.506 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

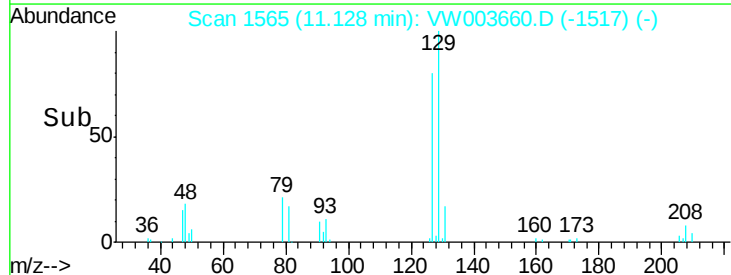
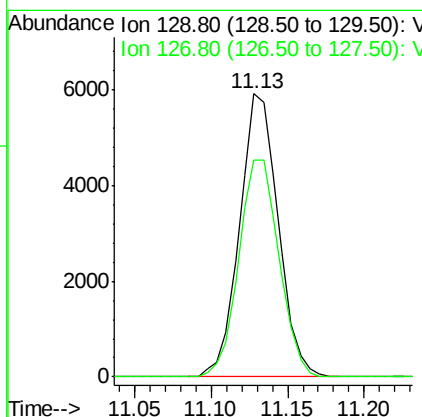
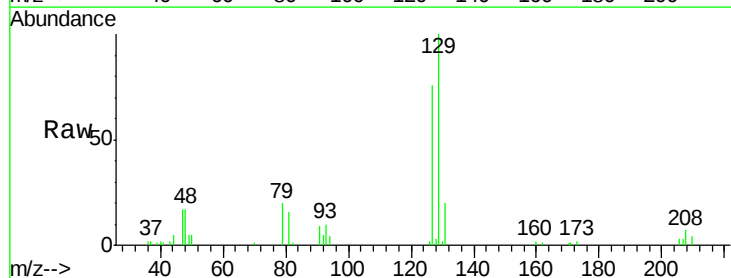
Instrument :
MSVOA_W
ClientSampled :

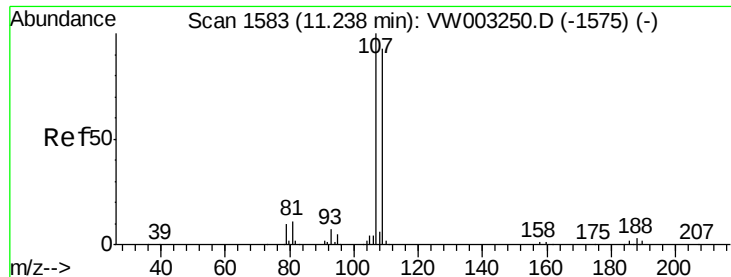
Tot Ion: 43 Resp: 23404
Ion Ratio Lower Upper
43 100
58 47.4 25.0 75.0



#60
Dibromochloromethane
Concen: 5.711 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 129 Resp: 10370
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.5

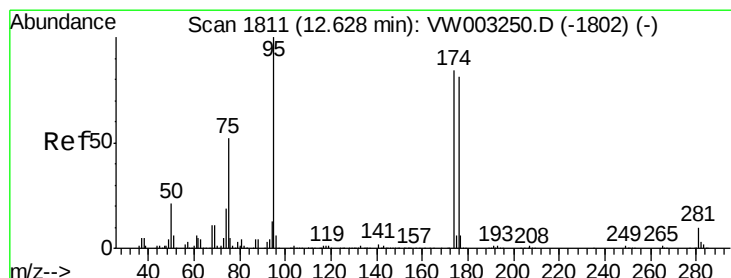
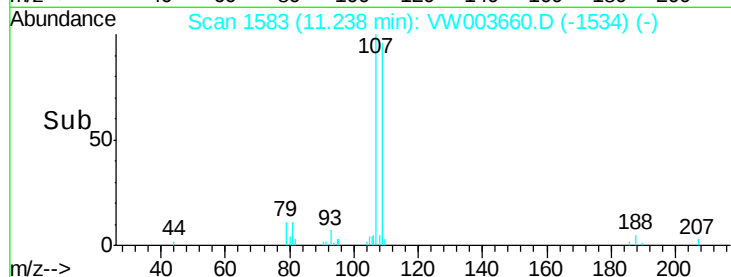
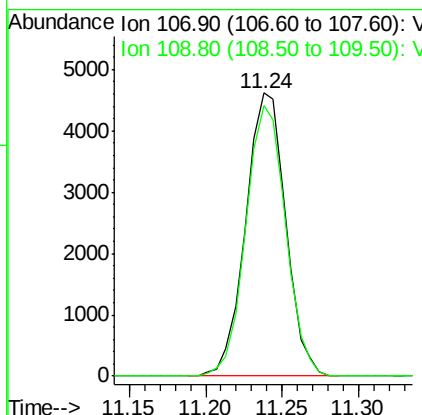
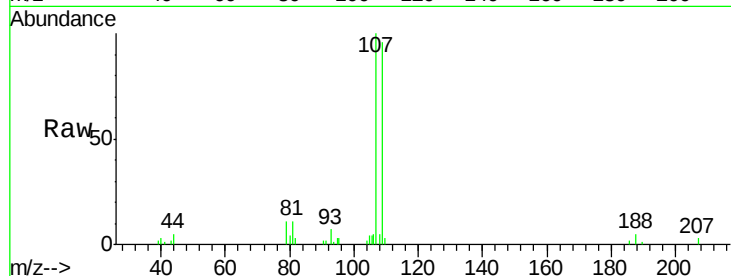




#61
 1,2-Dibromoethane
 Concen: 5.825 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

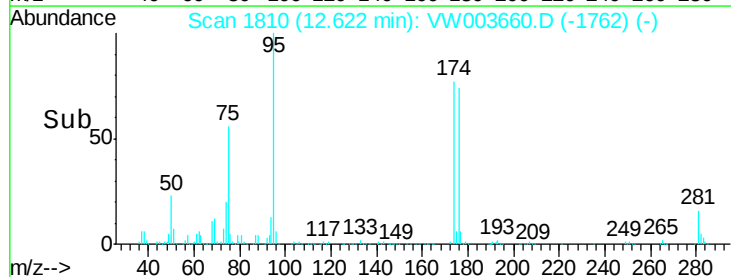
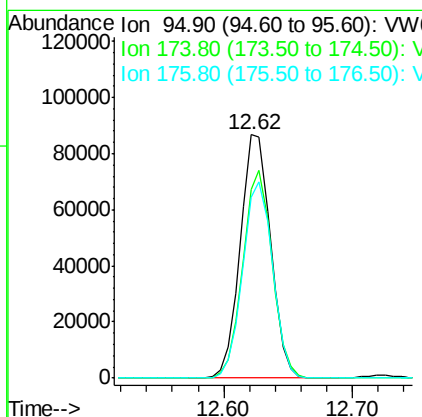
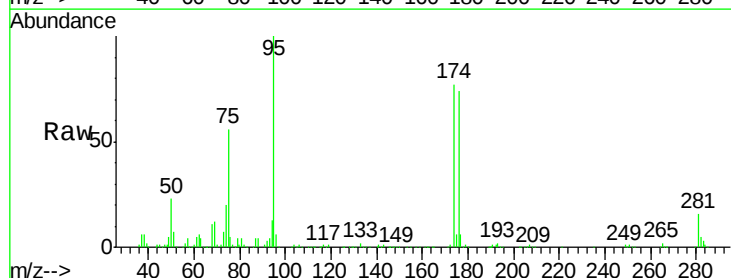
Instrument :
 MSVOA_W
 ClientSampleId :

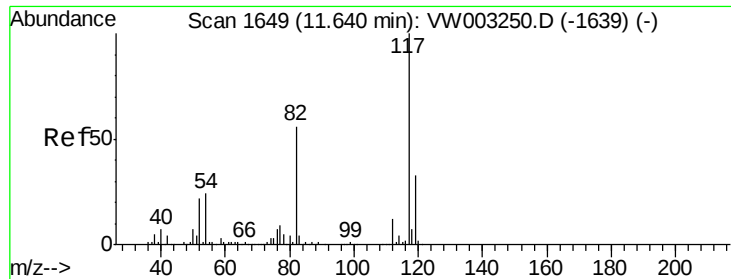
Tot Ion: 107 Resp: 8413
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 51.684 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion: 95 Resp: 140714
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 166.4
 176 79.6 0.0 162.0

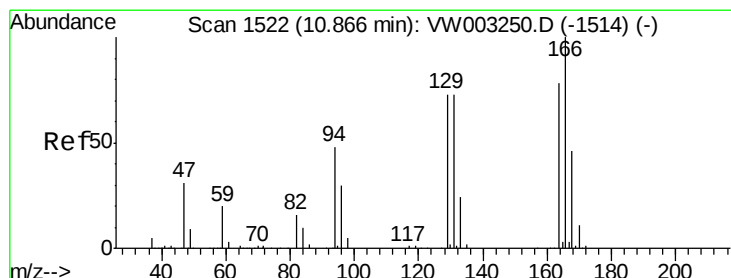
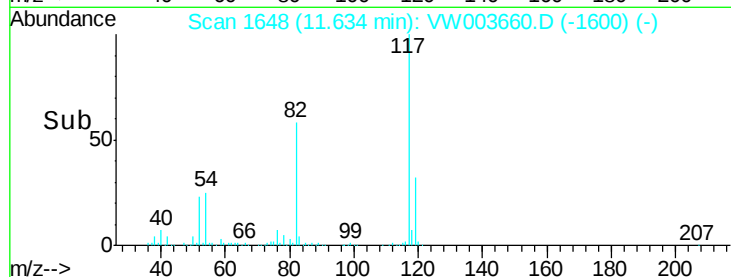
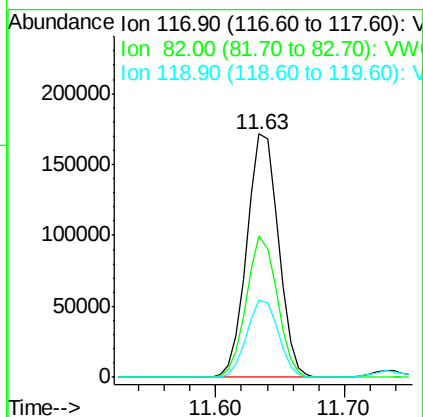
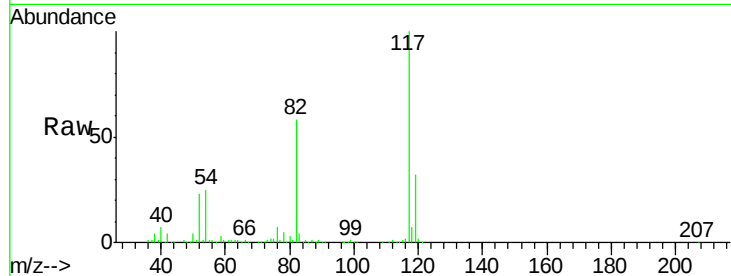




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

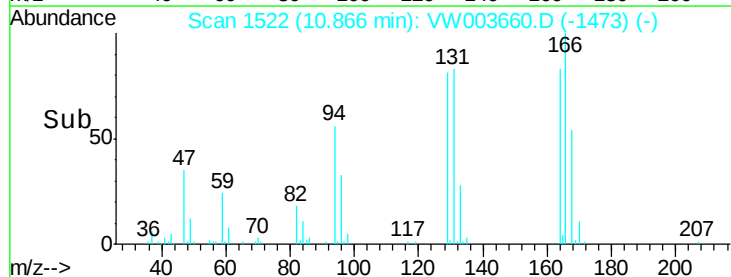
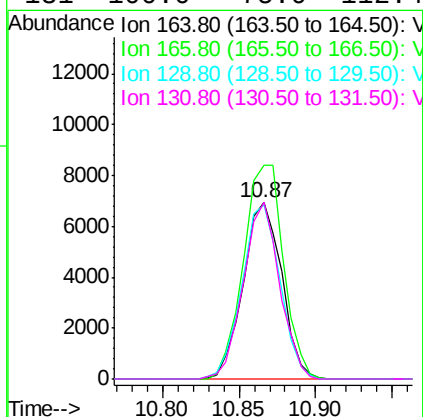
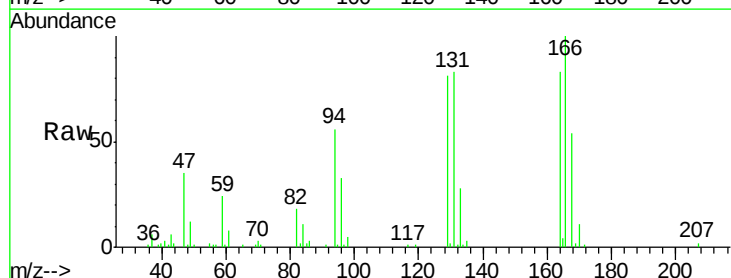
Instrument :
MSVOA_W
ClientSampleId :

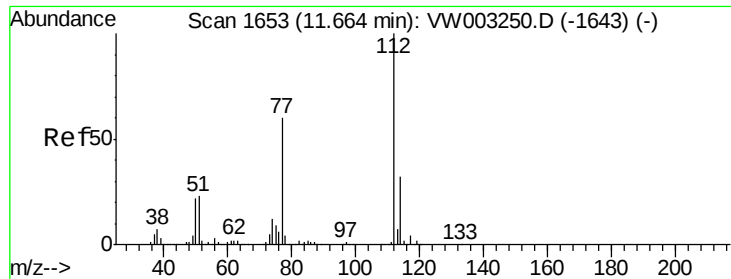
Tot Ion:117 Resp: 289838
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 31.7 26.7 40.1



#64
Tetrachloroethene
Concen: 6.274 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion:164 Resp: 12162
Ion Ratio Lower Upper
164 100
166 121.0 102.6 154.0
129 98.4 75.2 112.8
131 100.0 75.0 112.4





#65

Chlorobenzene

Concen: 6.051 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

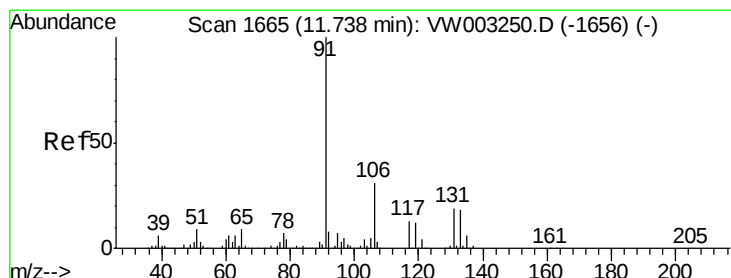
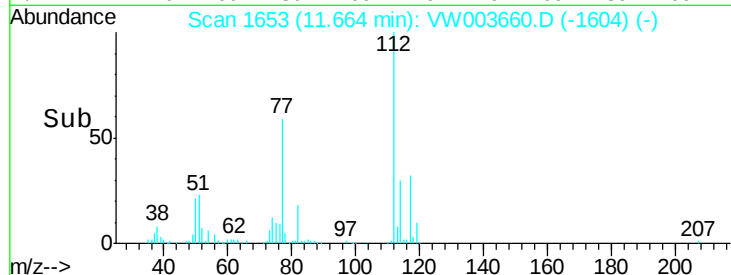
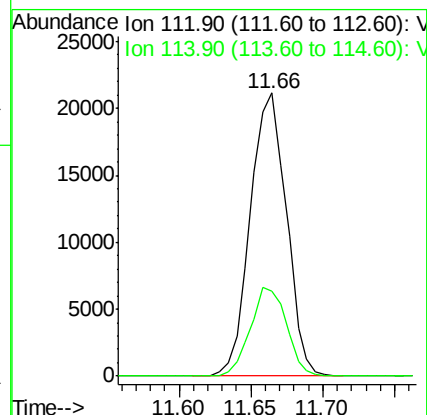
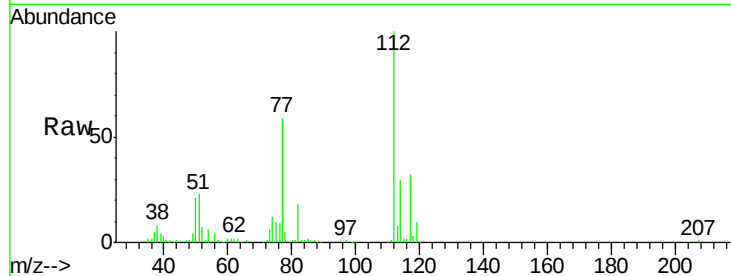
ClientSampleId :

Tot Ion:112 Resp: 36523

Ion Ratio Lower Upper

112 100

114 30.2 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 5.752 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

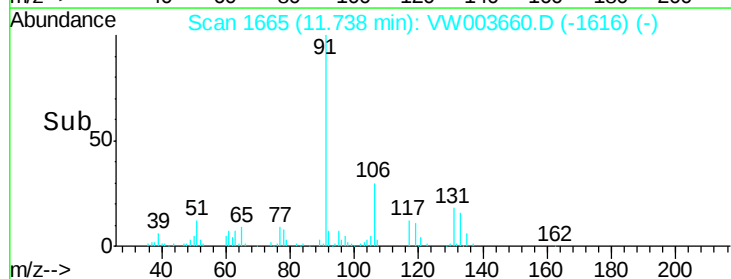
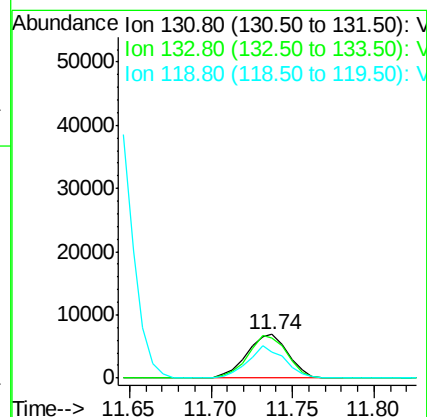
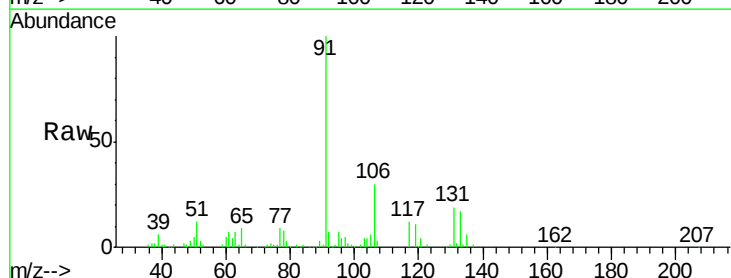
Tgt Ion:131 Resp: 12200

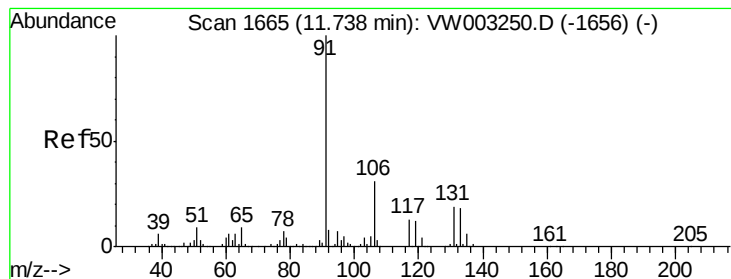
Ion Ratio Lower Upper

131 100

133 93.0 47.3 142.0

119 64.8 32.5 97.4





#67

Ethyl Benzene

Concen: 5.533 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

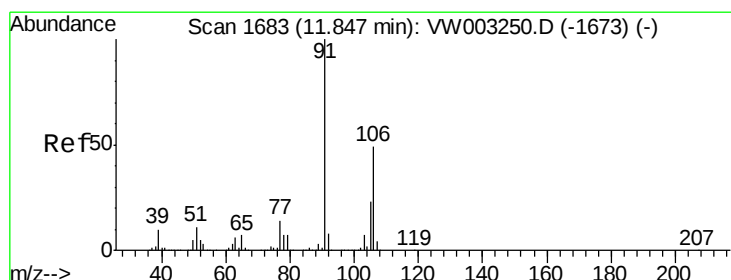
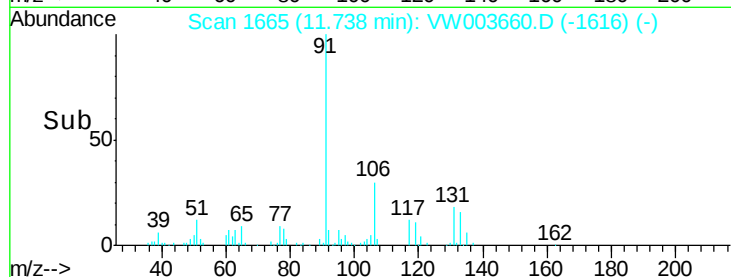
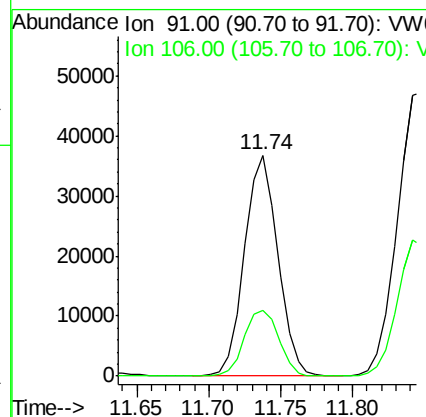
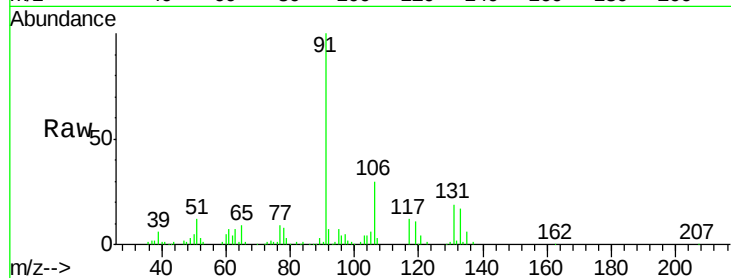
ClientSampleId :

Tot Ion: 91 Resp: 59199

Ion Ratio Lower Upper

91 100

106 29.9 24.7 37.1



#68

m/p-Xylenes

Concen: 10.659 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW003660.D

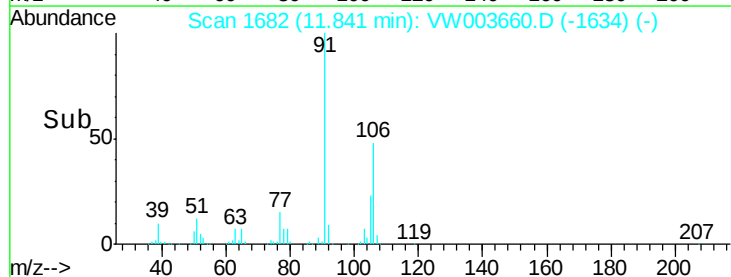
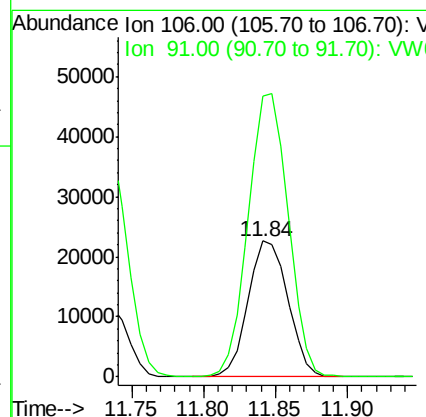
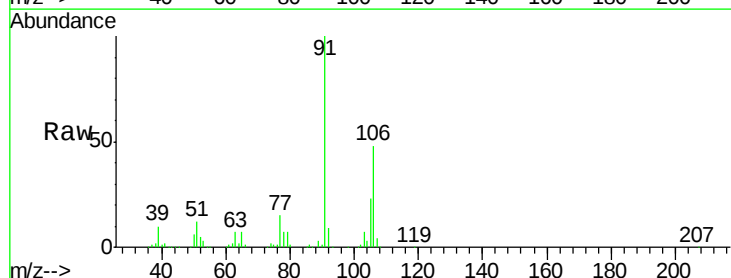
Acq: 29 Jun 2018 15:06

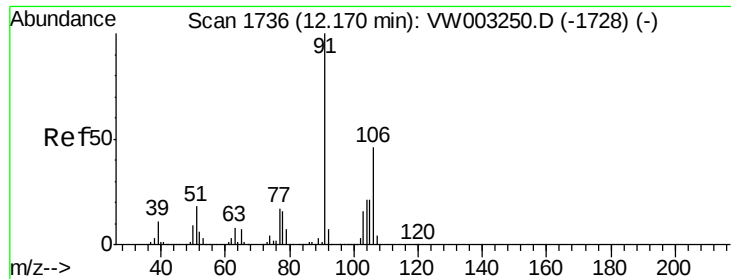
Tgt Ion: 106 Resp: 43349

Ion Ratio Lower Upper

106 100

91 209.8 165.4 248.0

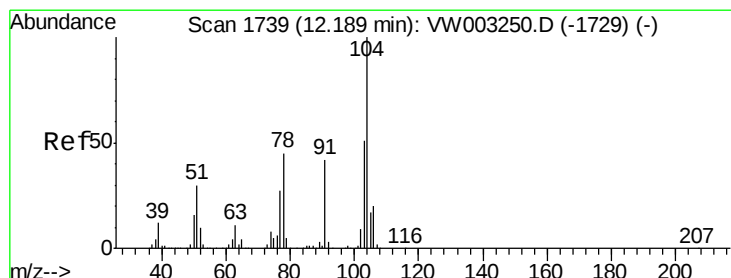
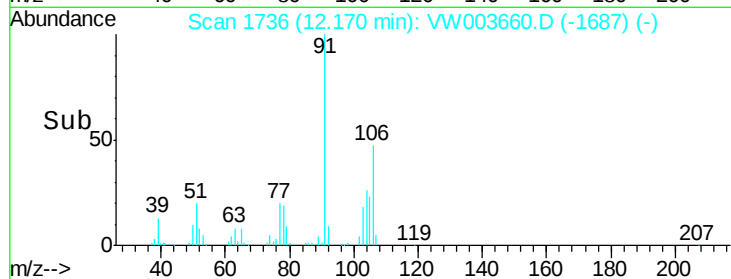
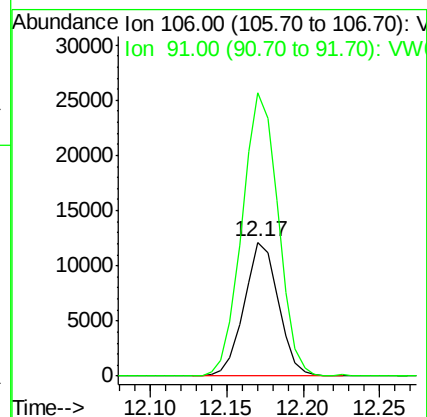
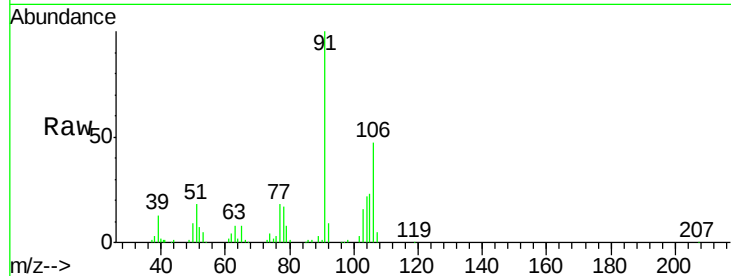




#69
o-Xylene
Concen: 5.016 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

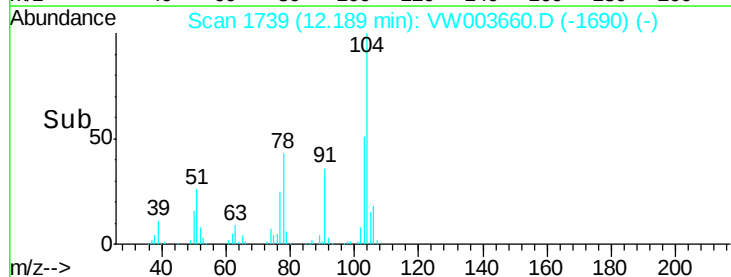
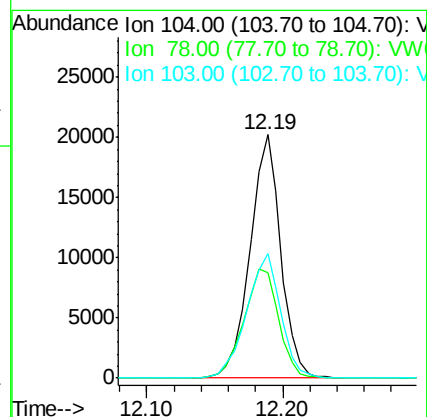
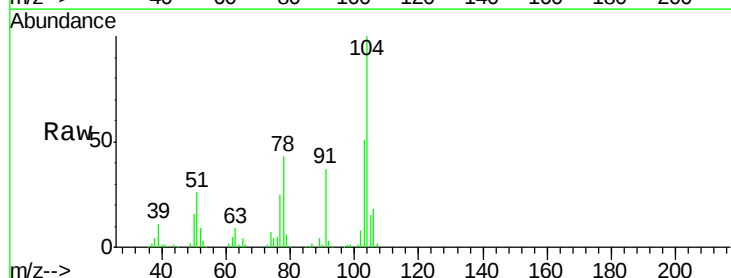
Instrument :
MSVOA_W
ClientSampleId :

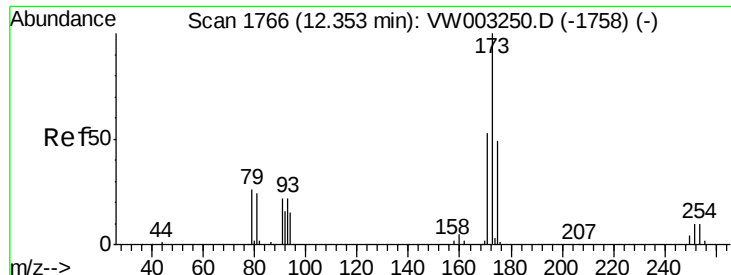
Tot Ion:106 Resp: 18908
Ion Ratio Lower Upper
106 100
91 223.1 108.6 325.6



#70
Styrene
Concen: 5.104 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion:104 Resp: 32023
Ion Ratio Lower Upper
104 100
78 50.6 41.3 61.9
103 56.4 45.0 67.4





#71

Bromoform

Concen: 5.352 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

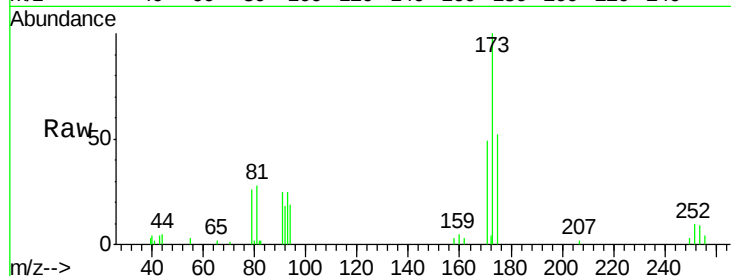
Tot Ion:173 Resp: 5883

Ion Ratio Lower Upper

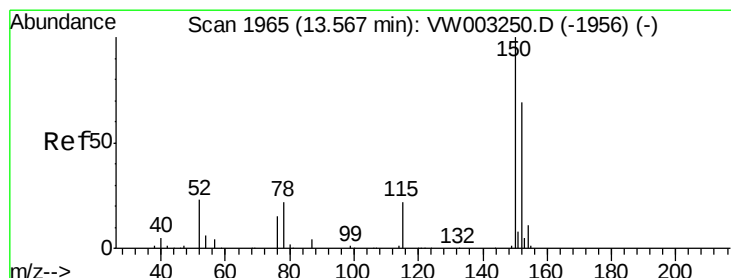
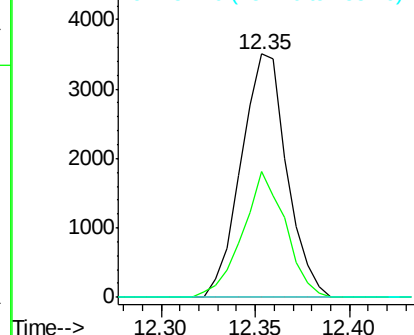
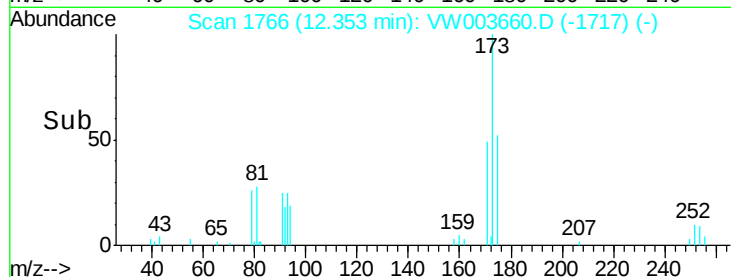
173 100

175 48.8 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

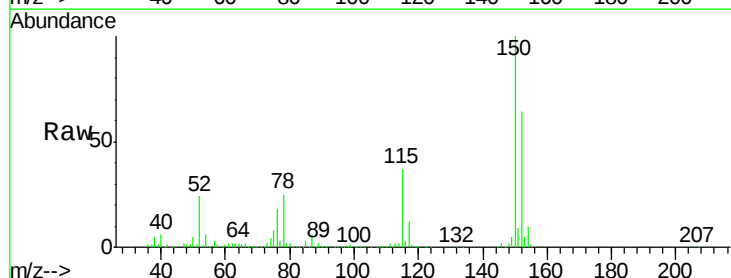
Tgt Ion:152 Resp: 153353

Ion Ratio Lower Upper

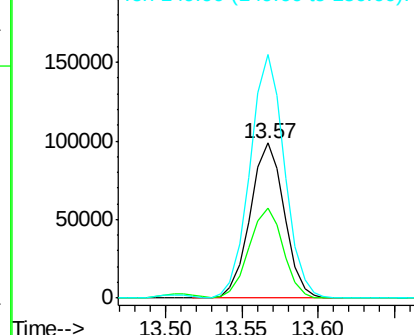
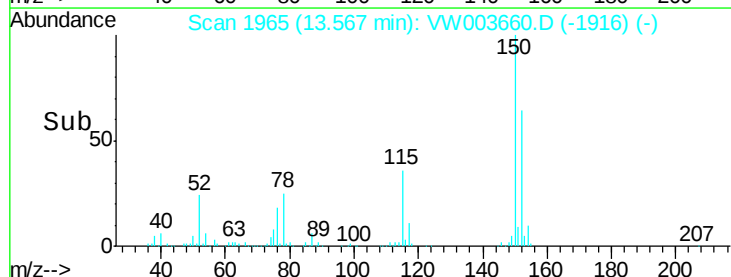
152 100

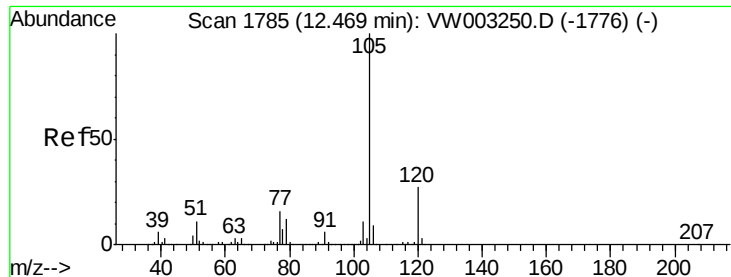
115 58.3 29.3 88.0

150 158.4 0.0 349.6



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





#73

Isopropylbenzene

Concen: 5.110 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

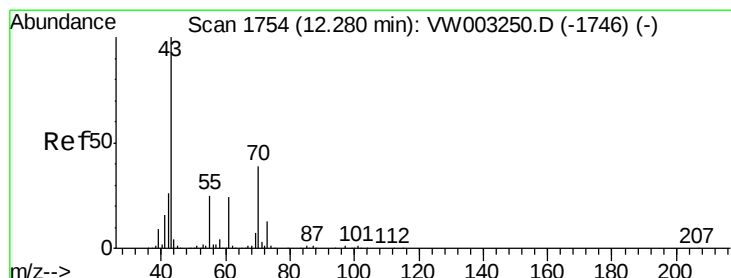
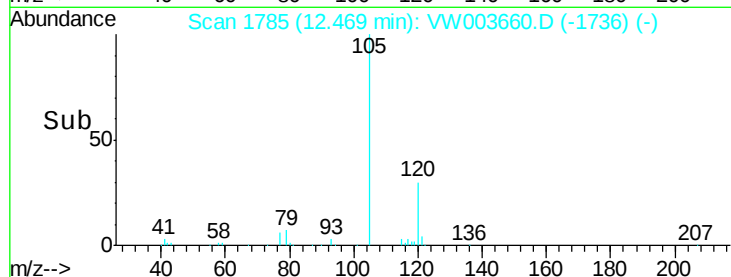
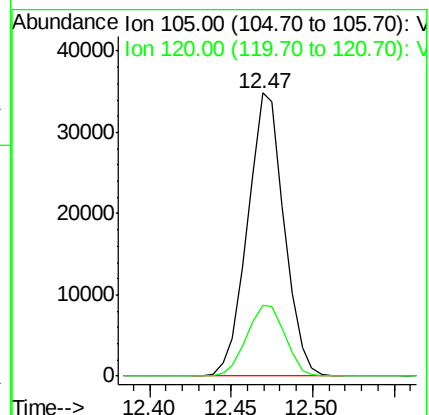
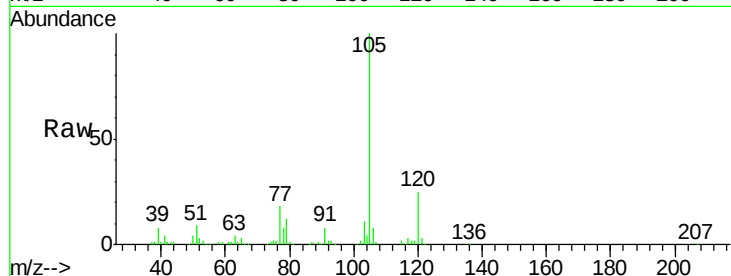
ClientSampleId :

Tot Ion:105 Resp: 54501

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 4.784 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion: 43 Resp: 11615

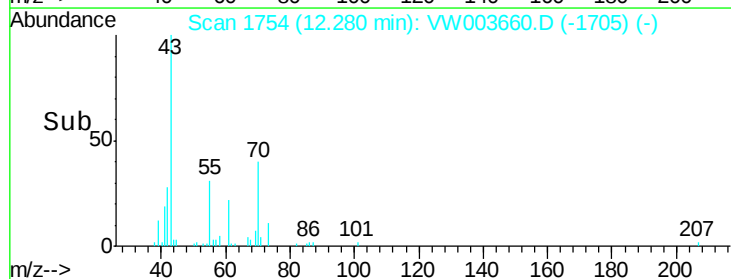
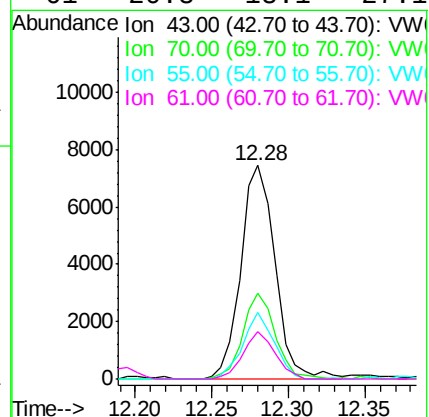
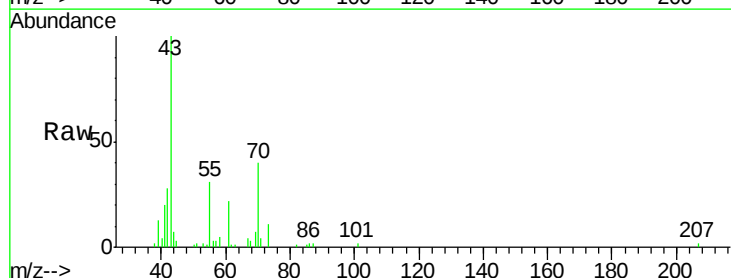
Ion Ratio Lower Upper

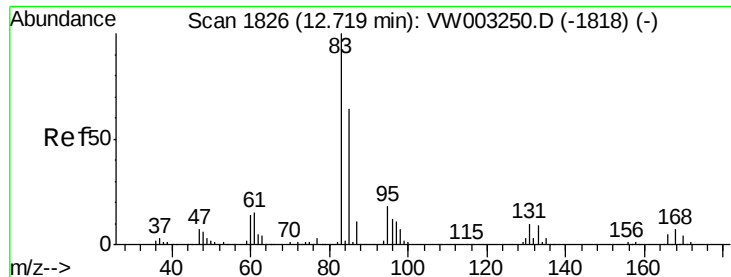
43 100

70 38.1 31.0 46.6

55 28.3 19.7 29.5

61 20.8 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.727 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampled :

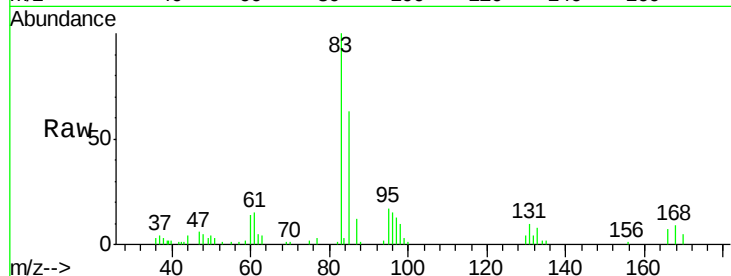
Tot Ion: 83 Resp: 10334

Ion Ratio Lower Upper

83 100

131 12.0 5.4 16.2

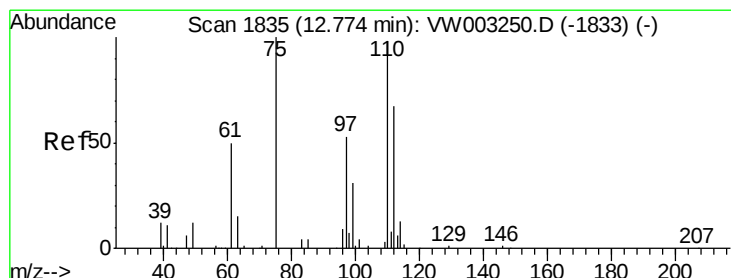
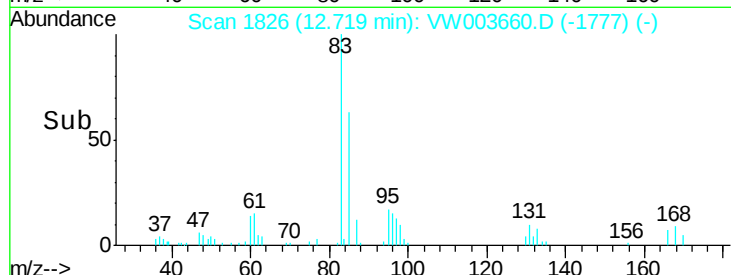
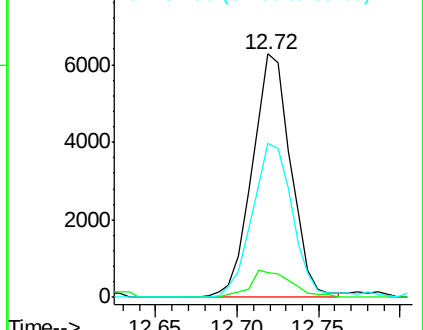
85 67.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.201 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003660.D

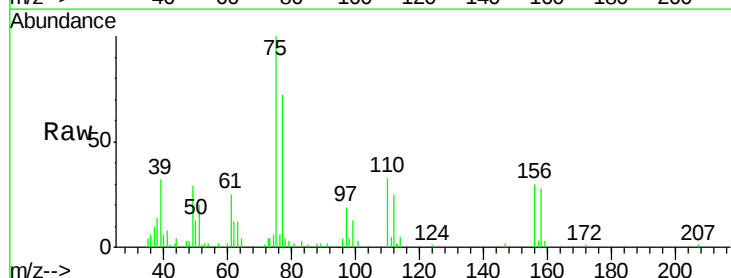
Acq: 29 Jun 2018 15:06

Tgt Ion: 75 Resp: 13373

Ion Ratio Lower Upper

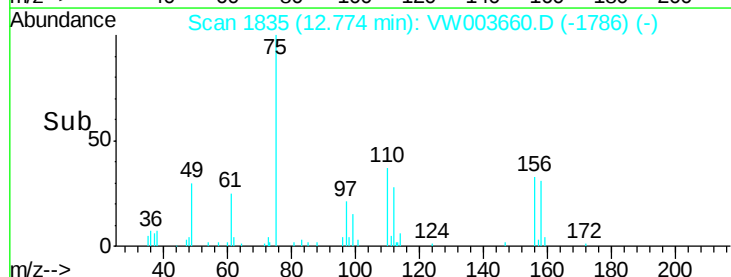
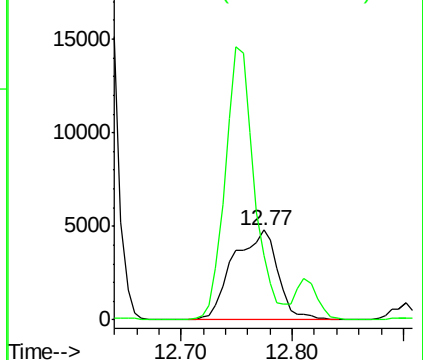
75 100

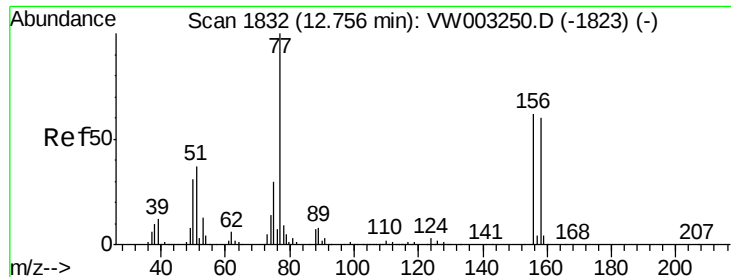
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.649 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

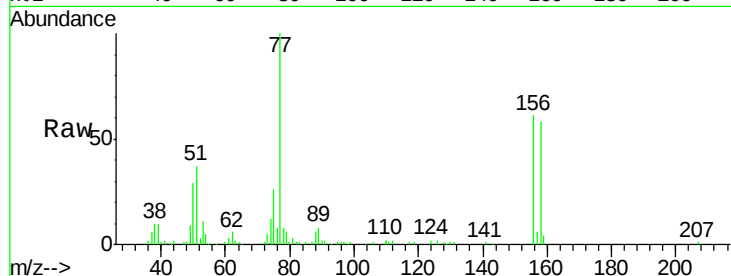
Tot Ion:156 Resp: 14032

Ion Ratio Lower Upper

156 100

77 191.6 92.3 276.9

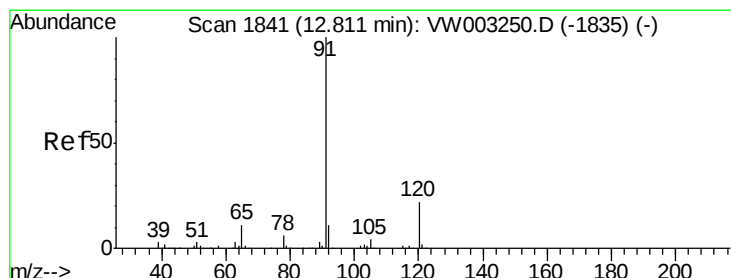
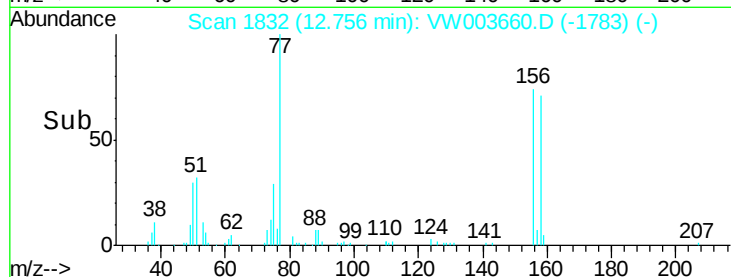
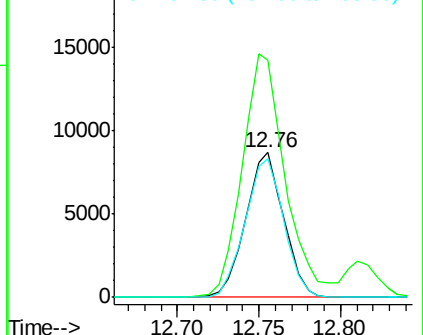
158 97.6 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.456 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003660.D

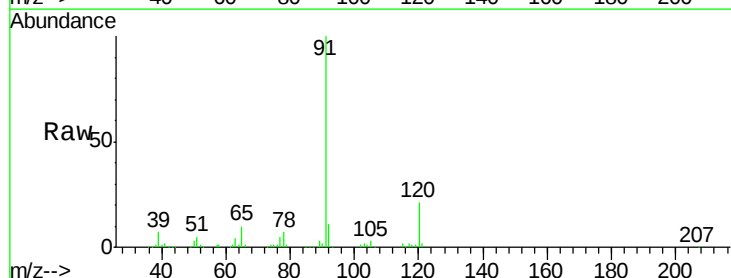
Acq: 29 Jun 2018 15:06

Tgt Ion: 91 Resp: 71259

Ion Ratio Lower Upper

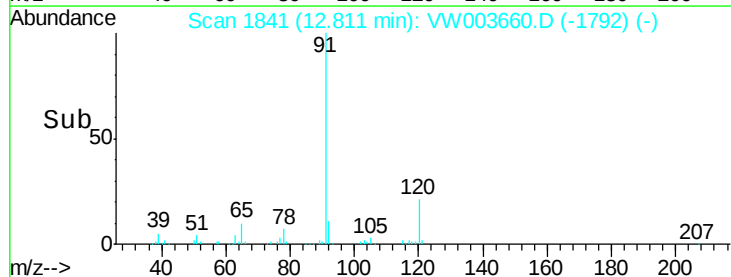
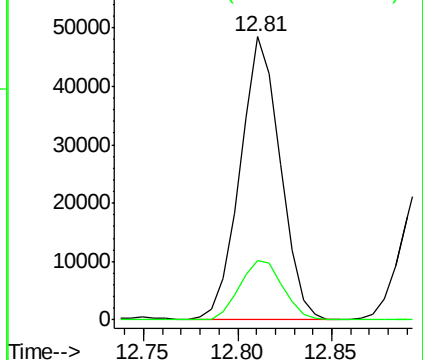
91 100

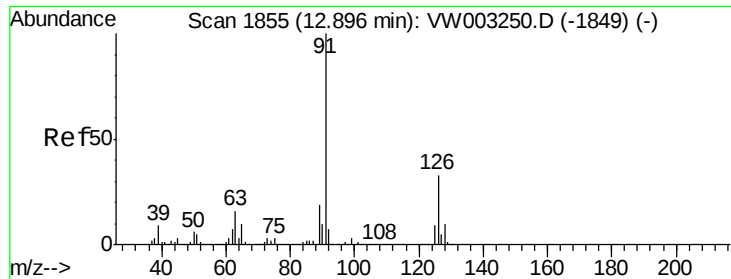
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.505 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

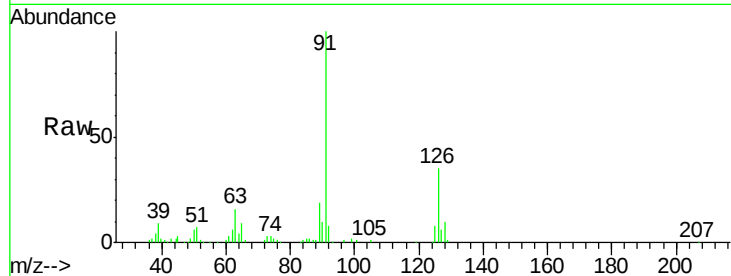
ClientSampled :

Tot Ion: 91 Resp: 40631

Ion Ratio Lower Upper

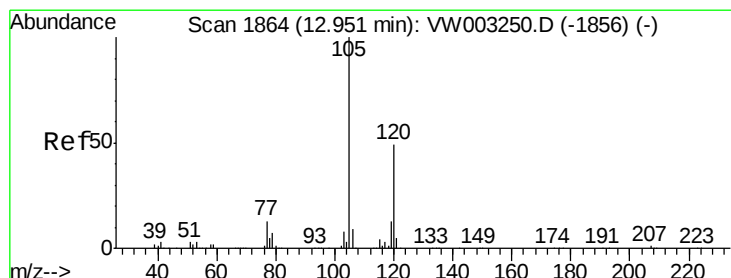
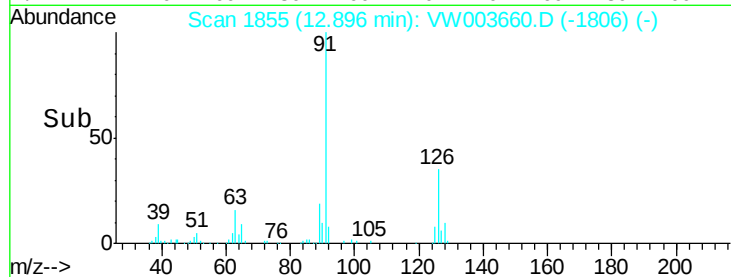
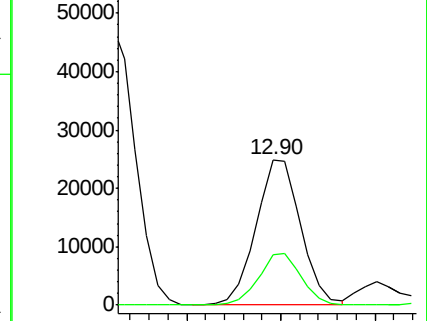
91 100

126 34.2 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.318 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003660.D

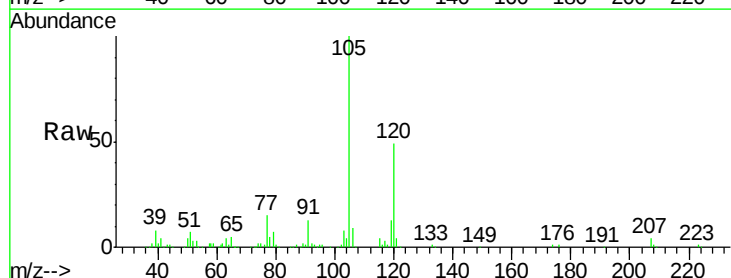
Acq: 29 Jun 2018 15:06

Tgt Ion:105 Resp: 47610

Ion Ratio Lower Upper

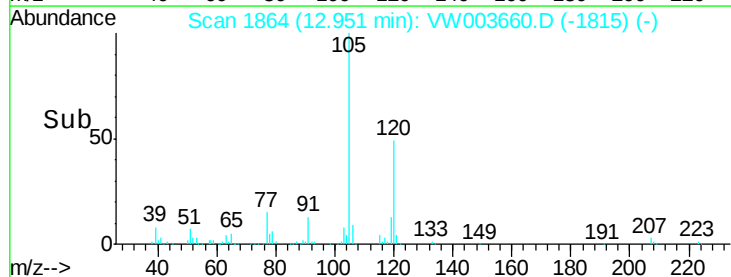
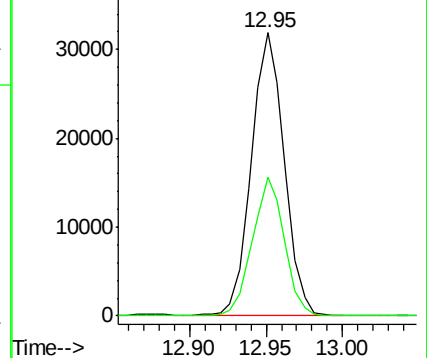
105 100

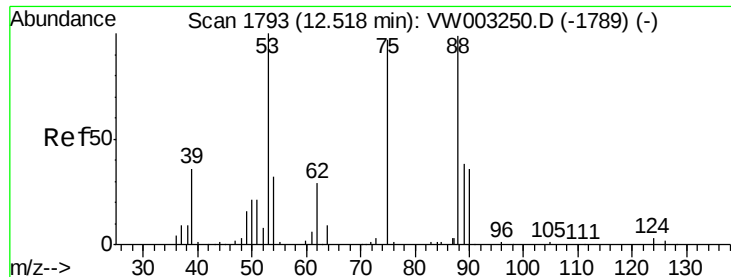
120 47.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 5.090 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

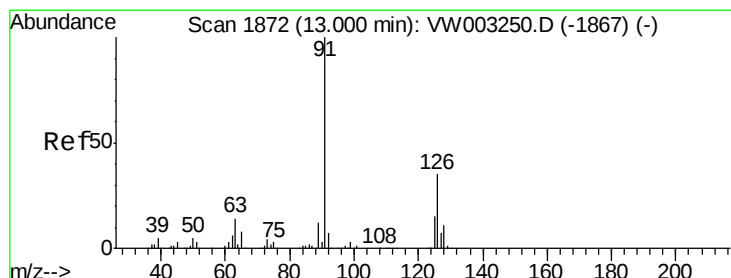
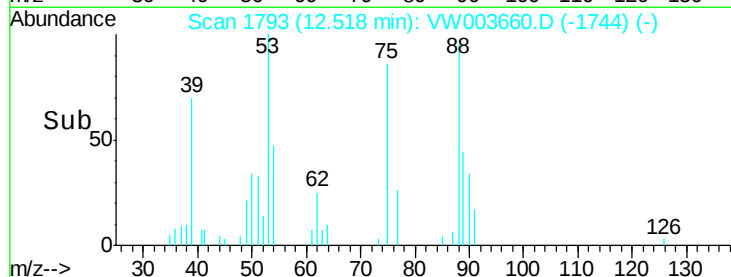
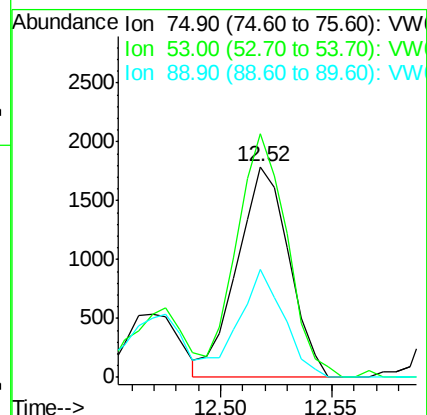
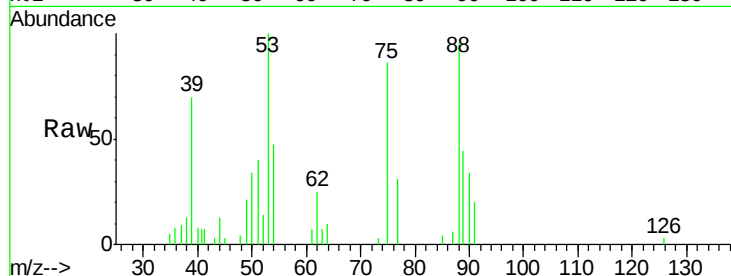
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 75 Resp: 2900

Ion	Ratio	Lower	Upper
75	100		
53	111.4	82.9	124.3
89	43.9	36.7	55.1



#82

4-Chlorotoluene

Concen: 5.529 ug/l

RT: 13.00 min Scan# 1872

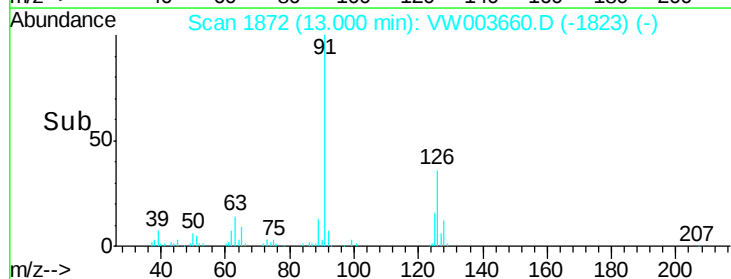
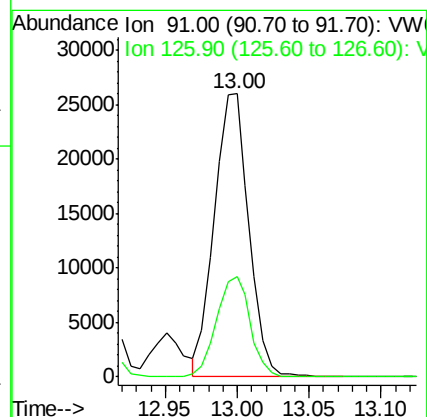
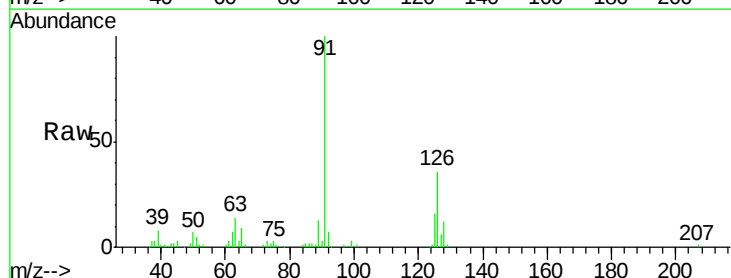
Delta R.T. 0.00 min

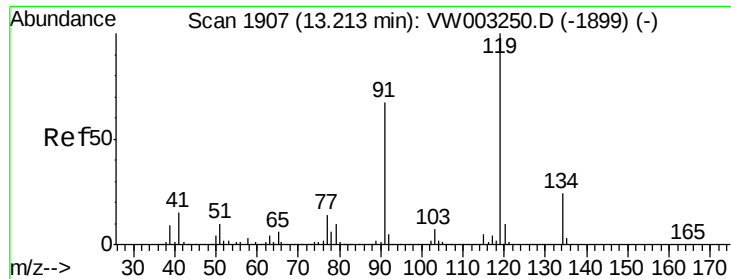
Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion: 91 Resp: 43288

Ion	Ratio	Lower	Upper
91	100		
126	34.9	16.8	50.3

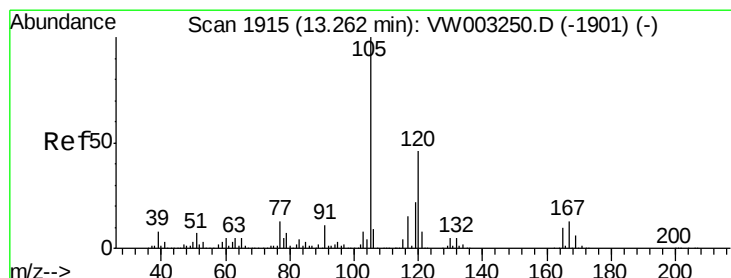
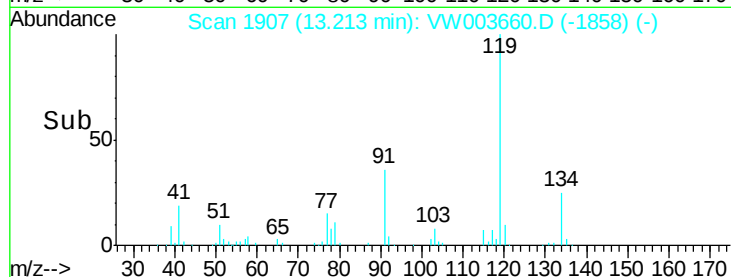
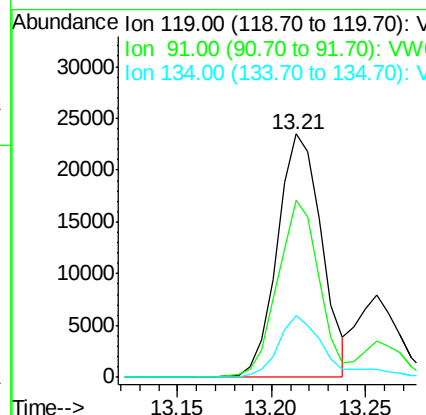
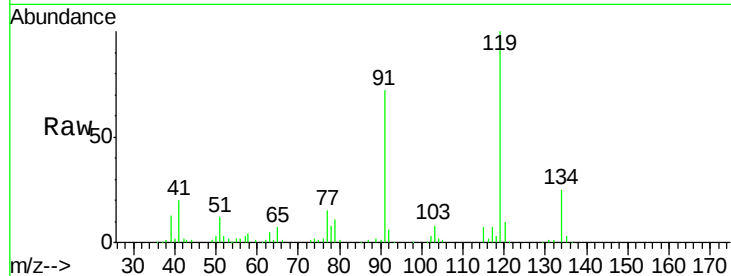




#83
tert-Butylbenzene
Concen: 5.025 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

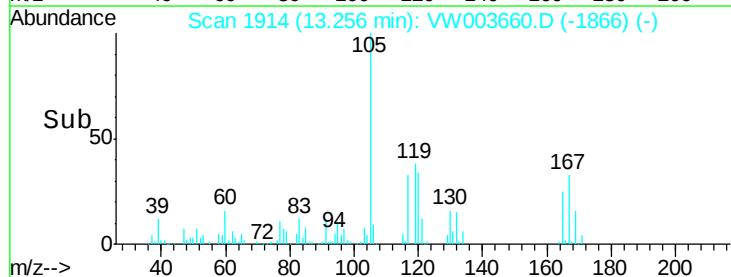
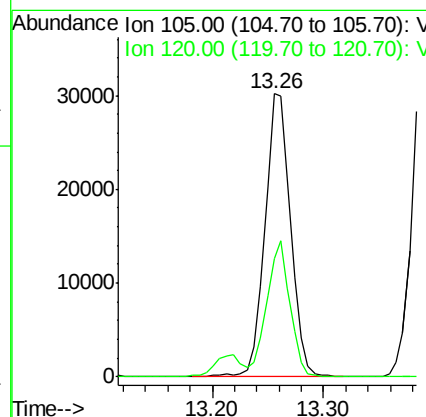
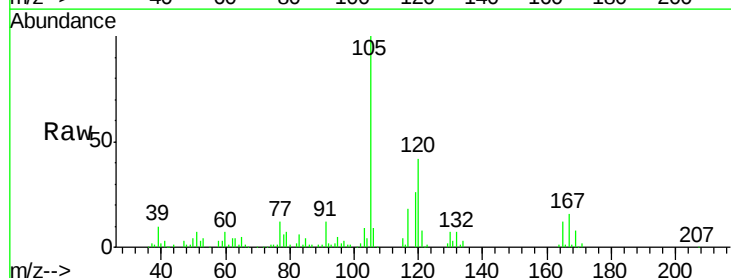
Instrument :
MSVOA_W
ClientSampleId :

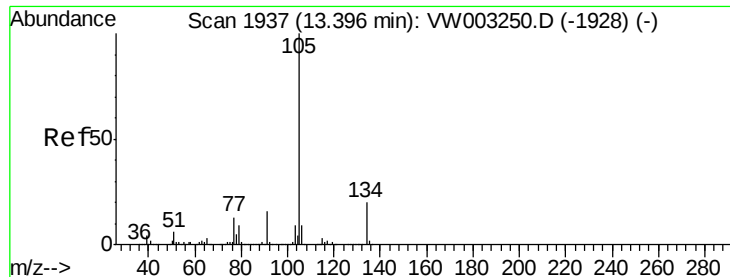
Tot Ion:119 Resp: 38344
Ion Ratio Lower Upper
119 100
91 69.2 33.9 101.7
134 27.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 5.286 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion:105 Resp: 48686
Ion Ratio Lower Upper
105 100
120 43.7 22.5 67.5

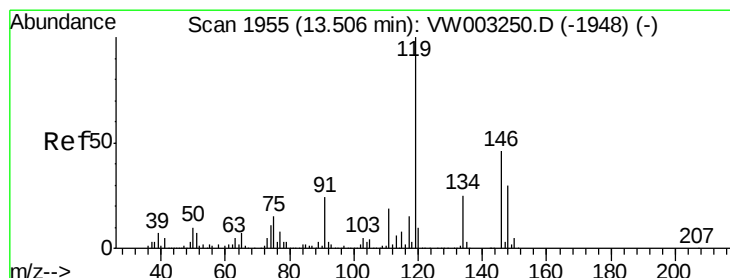
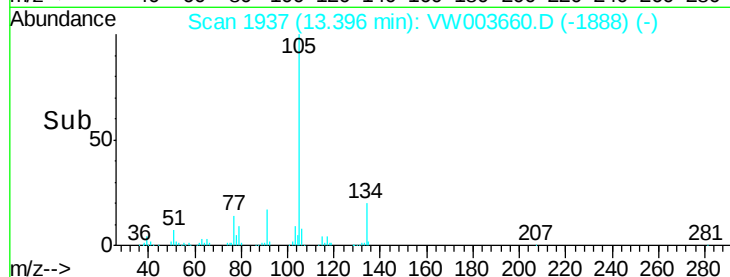
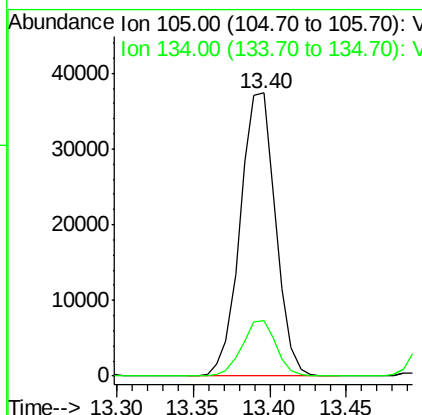
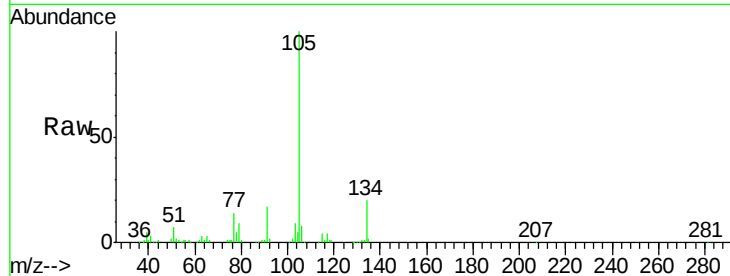




#85
 sec-Butylbenzene
 Concen: 5.285 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

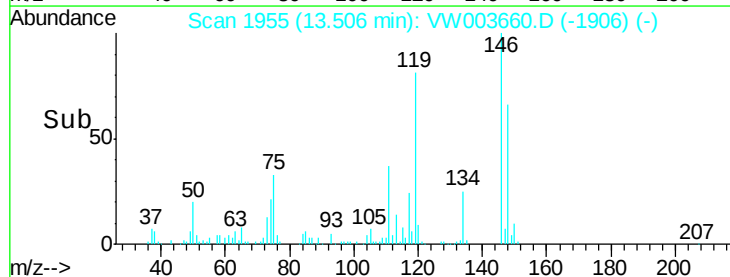
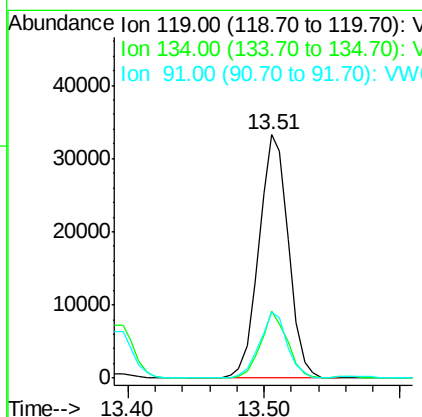
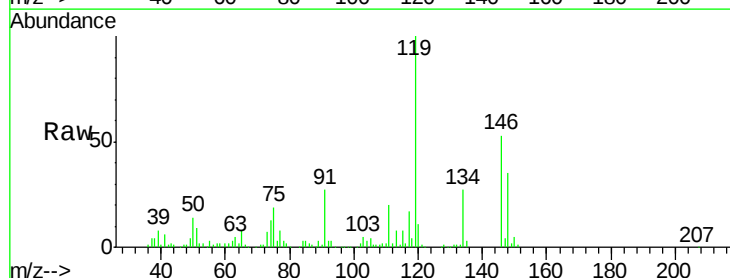
Instrument :
 MSVOA_W
 ClientSampleId :

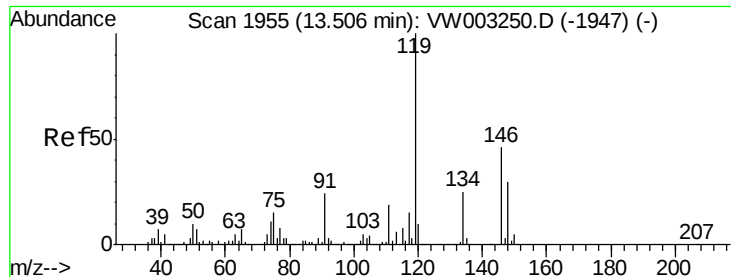
Tot Ion:105 Resp: 59942
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 5.057 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion:119 Resp: 50586
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.9 38.7
 91 25.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 5.697 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

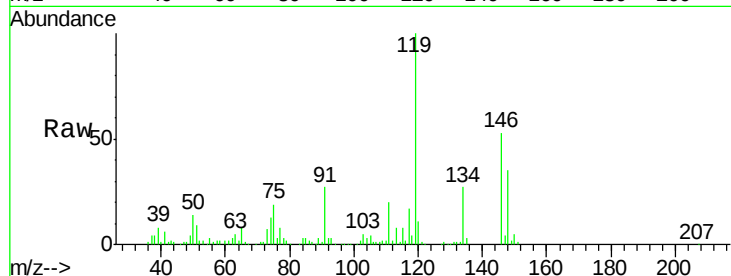
Tot Ion:146 Resp: 29072

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.4

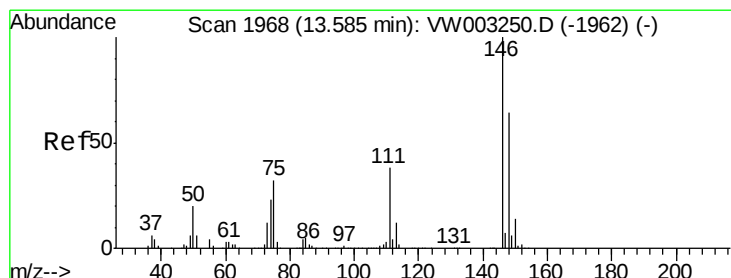
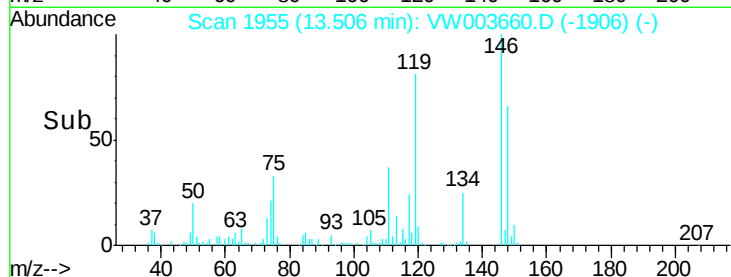
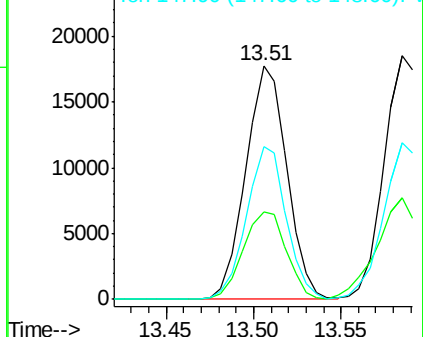
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.889 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

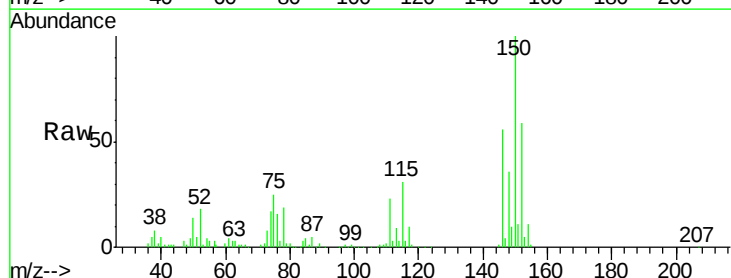
Tgt Ion:146 Resp: 29878

Ion Ratio Lower Upper

146 100

111 45.6 19.2 57.6

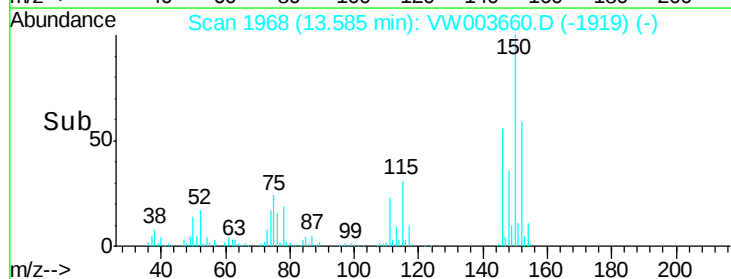
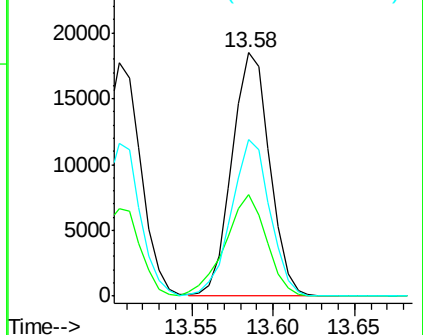
148 65.8 31.8 95.4

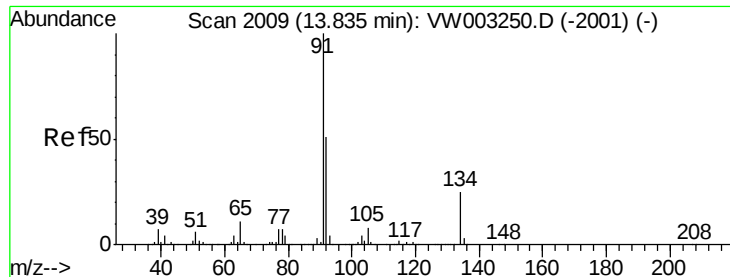


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

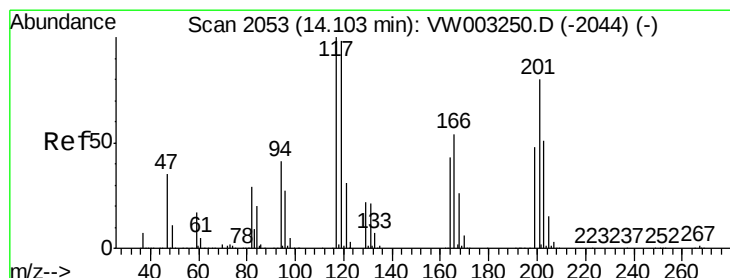
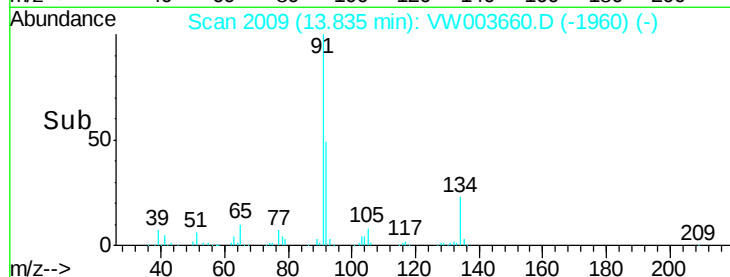
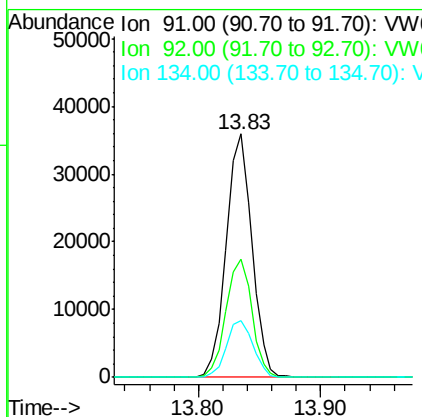
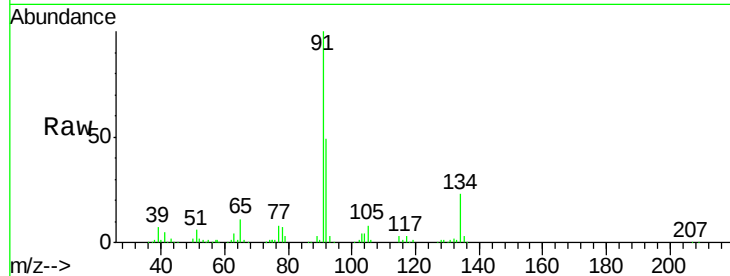




#89
n-Butylbenzene
Concen: 5.351 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

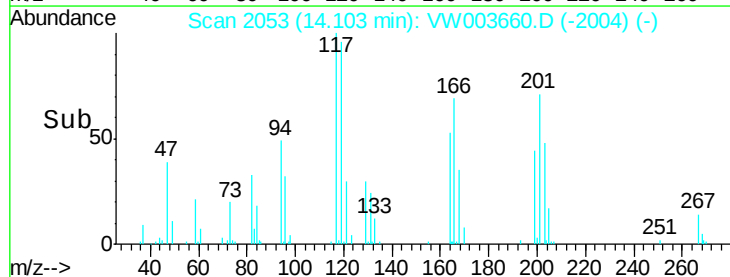
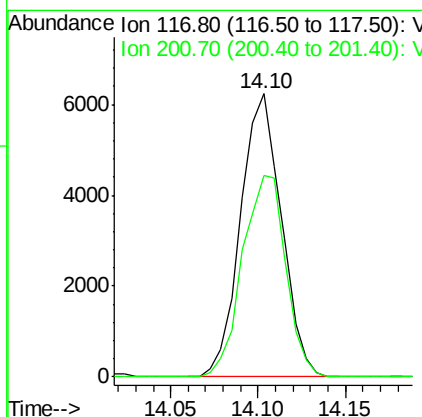
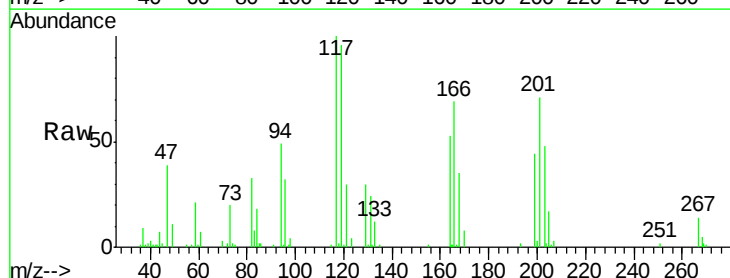
Instrument :
MSVOA_W
ClientSampleId :

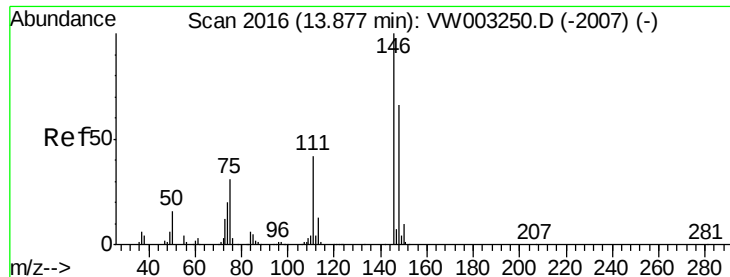
Tot Ion: 91 Resp: 52177
Ion Ratio Lower Upper
91 100
92 48.9 26.0 78.0
134 24.3 12.7 38.0



#90
Hexachloroethane
Concen: 5.596 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 117 Resp: 10126
Ion Ratio Lower Upper
117 100
201 75.3 39.5 118.5

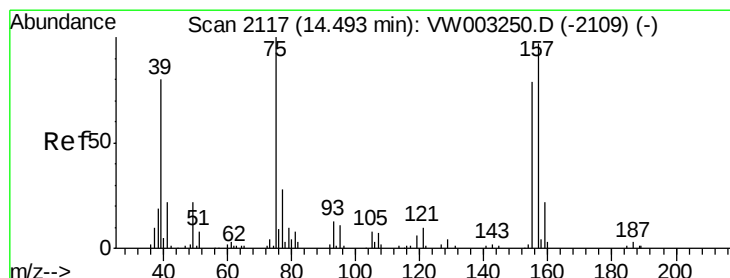
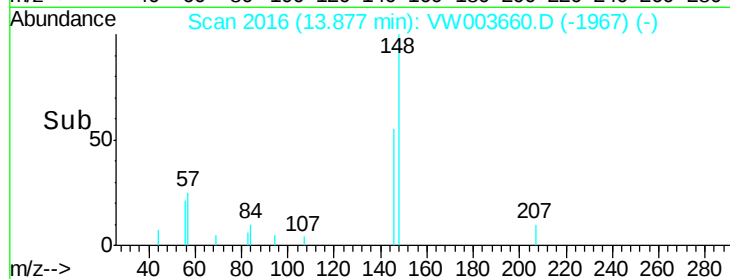
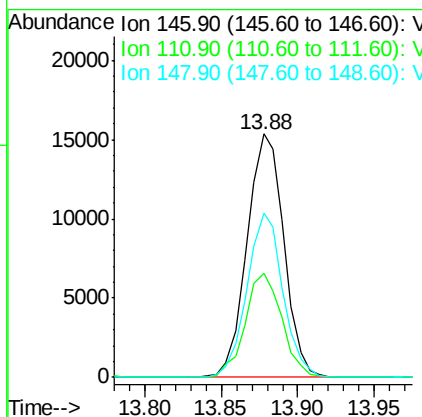
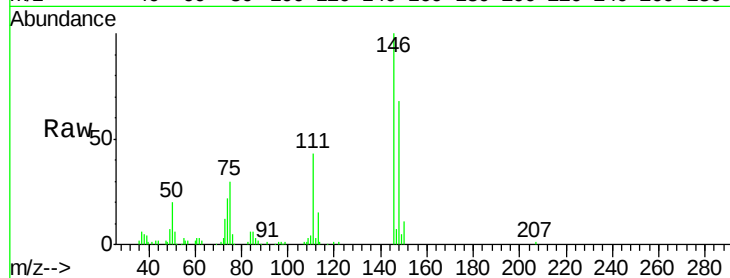




#91
 1,2-Dichlorobenzene
 Concen: 5.751 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

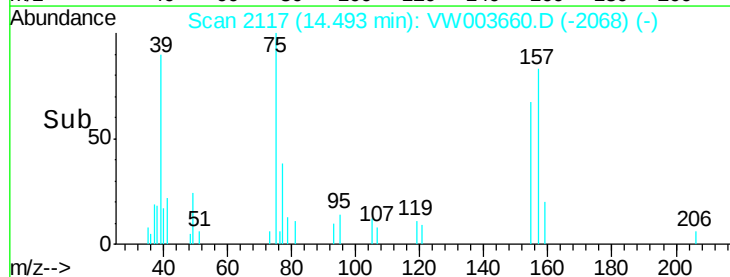
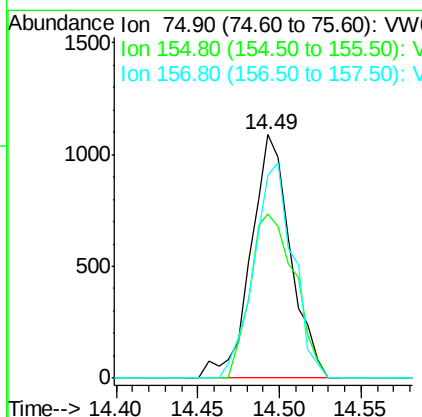
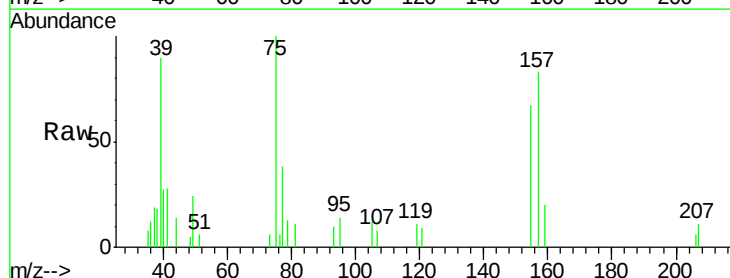
Instrument :
 MSVOA_W
 ClientSampleId :

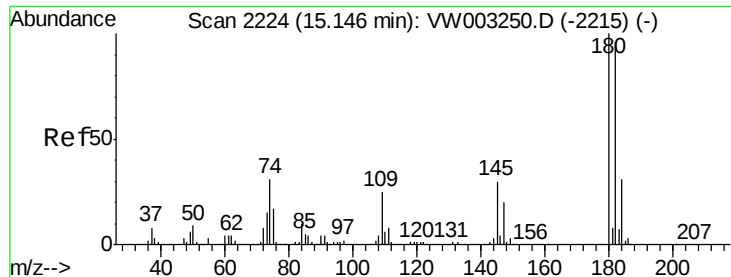
Tot Ion:146 Resp: 25708
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.3 61.0
 148 65.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.066 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion: 75 Resp: 1842
 Ion Ratio Lower Upper
 75 100
 155 76.3 39.4 118.2
 157 87.6 51.5 154.5

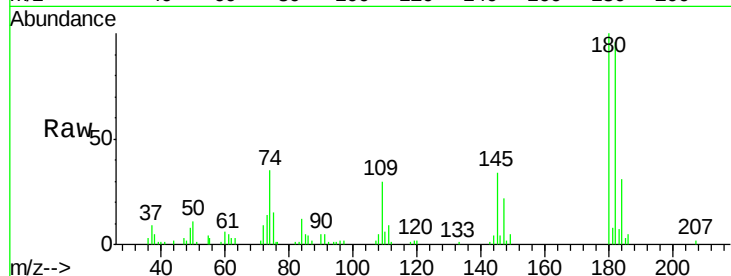




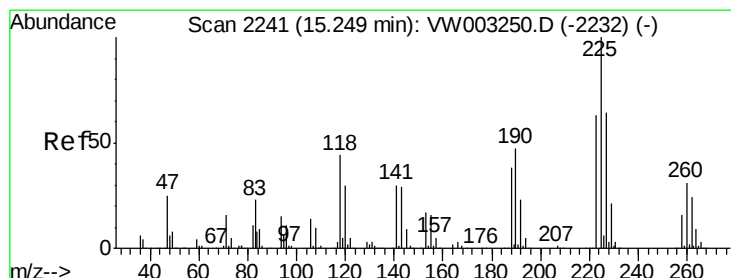
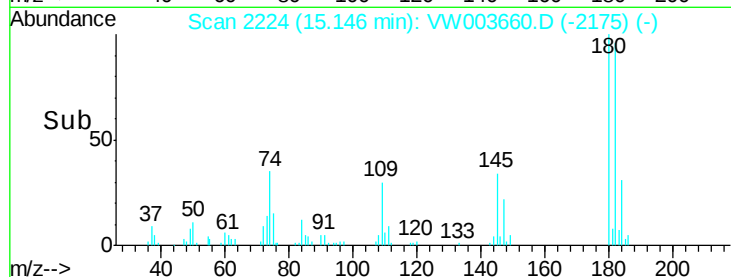
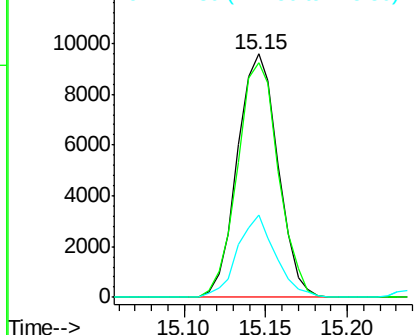
#93
 1,2,4-Trichlorobenzene
 Concen: 5.274 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 16550
 Ion Ratio Lower Upper
 180 100
 182 97.9 47.9 143.6
 145 31.9 15.2 45.5

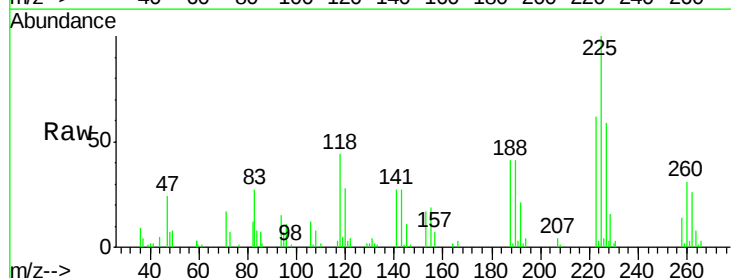


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

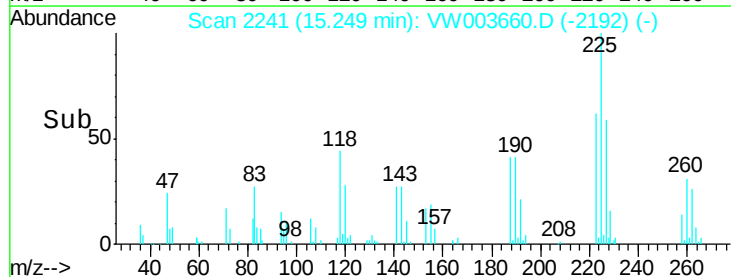
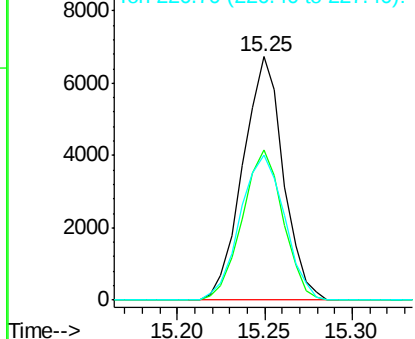


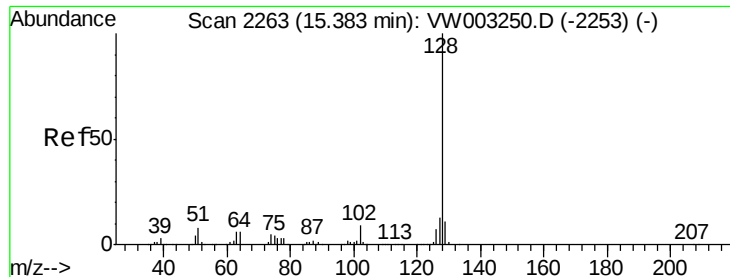
#94
 Hexachlorobutadiene
 Concen: 5.739 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion:225 Resp: 10834
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.6 92.0
 227 65.2 31.7 95.1



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





#95

Naphthalene

Concen: 4.507 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

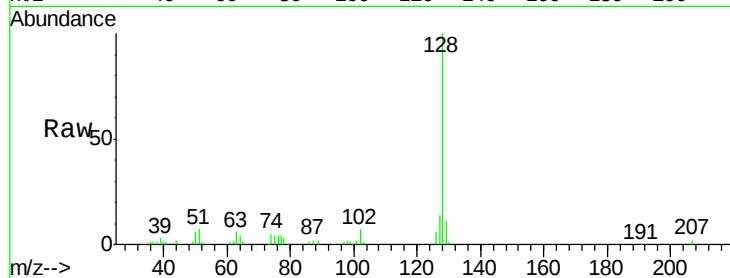
Tot Ion:128 Resp: 23991

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

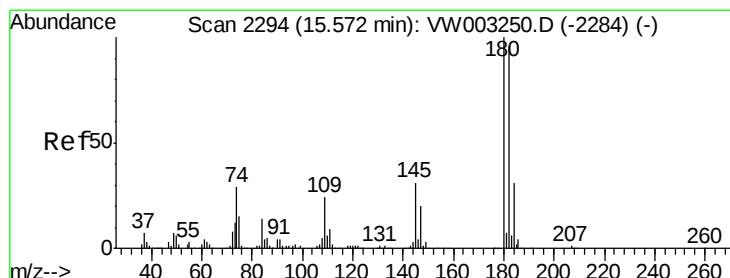
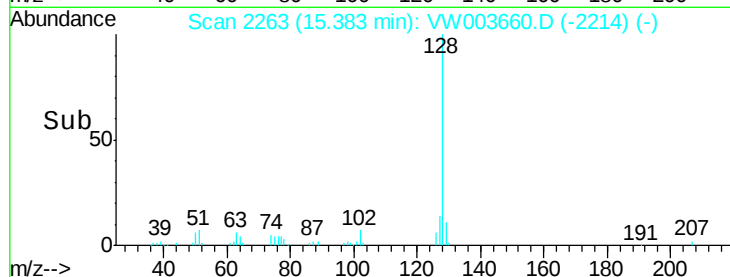
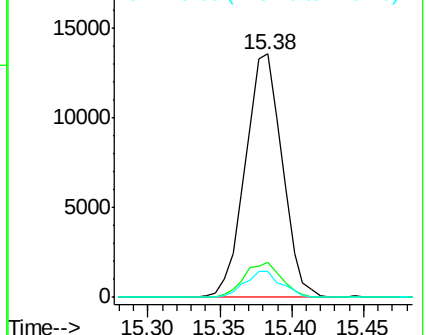
129 10.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.377 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

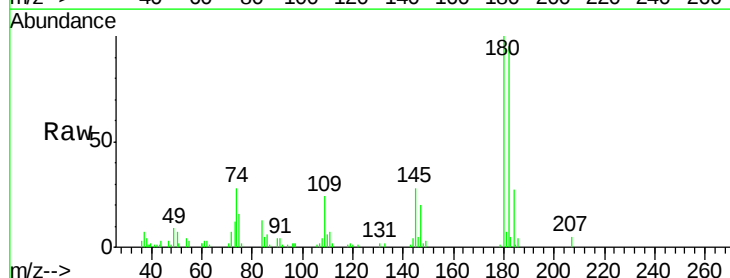
Tgt Ion:180 Resp: 14851

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

145 30.7 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

