

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003464.D
 Acq On : 23 Jun 2018 16:54
 Operator : SY/AP
 Sample : J3664-07MS
 Misc : 6.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Quant Time: Jun 25 02:36:37 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	236052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	368421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	337516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176564	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126603	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.88	113	117655	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.33	98	477578	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.63	95	164039	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	56588	79.295	ug/l	89
3) Chloromethane	2.21	50	84585	46.911	ug/l	96
4) Vinyl Chloride	2.36	62	124999	47.555	ug/l	98
5) Bromomethane	2.78	94	78651	45.019	ug/l	96
6) Chloroethane	2.92	64	81766	44.689	ug/l	94
7) Trichlorofluoromethane	3.26	101	86941	55.211	ug/l	97
8) Diethyl Ether	3.68	74	52797	45.641	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110108	50.355	ug/l	100
10) Methyl Iodide	4.26	142	161621	48.873	ug/l	100
11) Tert butyl alcohol	5.24	59	31784	231.790	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	106020	49.615	ug/l	98
13) Acrolein	3.90	56	12943	66.019	ug/l	86
14) Allyl chloride	4.66	41	183976	49.704	ug/l	100
15) Acrylonitrile	5.38	53	104110	218.746	ug/l	99
16) Acetone	4.14	43	142919	266.521	ug/l	98
17) Carbon Disulfide	4.37	76	314886	49.845	ug/l	99
18) Methyl Acetate	4.68	43	88400	69.490	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	193410	48.325	ug/l	99
20) Methylene Chloride	4.91	84	122618	54.132	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	117970	50.727	ug/l	97
22) Diisopropyl ether	6.32	45	378439	50.801	ug/l	98
23) Vinyl Acetate	6.26	43	739807	172.336	ug/l	99
24) 1,1-Dichloroethane	6.22	63	228887	51.757	ug/l	99
25) 2-Butanone	7.19	43	156130	234.148	ug/l	98
26) 2,2-Dichloropropane	7.17	77	144043	48.805	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	128723	50.386	ug/l	99
28) Bromochloromethane	7.51	49	99888	54.278	ug/l	97
29) Tetrahydrofuran	7.54	42	88402	216.924	ug/l	100
30) Chloroform	7.68	83	233244	51.769	ug/l	99
31) Cyclohexane	7.96	56	196150	47.476	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	191744	51.559	ug/l	100
36) 1,1-Dichloropropene	8.09	75	182529	51.301	ug/l	100
37) Ethyl Acetate	7.26	43	53954	36.604	ug/l	99
38) Carbon Tetrachloride	8.07	117	177604	50.889	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003464.D
 Acq On : 23 Jun 2018 16:54
 Operator : SY/AP
 Sample : J3664-07MS
 Misc : 6.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Quant Time: Jun 25 02:36:37 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	203288	49.379	ug/l	99
40) Benzene	8.33	78	501928	51.179	ug/l	99
41) Methacrylonitrile	7.49	41	39939	44.155	ug/l	97
42) 1,2-Dichloroethane	8.40	62	147271	47.929	ug/l	99
43) Isopropyl Acetate	8.43	43	119109	40.696	ug/l	96
44) Trichloroethene	9.10	130	133189	51.251	ug/l	98
45) 1,2-Dichloropropane	9.37	63	128518	51.467	ug/l	98
46) Dibromomethane	9.46	93	60684	47.466	ug/l	98
47) Bromodichloromethane	9.65	83	164803	50.290	ug/l	97
48) Methyl methacrylate	9.44	41	66950	48.675	ug/l	99
49) 1,4-Dioxane	9.48	88	15632	809.811	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	340266	228.158	ug/l	99
52) Toluene	10.39	92	325840	51.810	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	160177	47.849	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	186976	49.075	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	85718	47.581	ug/l	99
56) Ethyl methacrylate	10.65	69	93876	42.912	ug/l	98
57) 1,3-Dichloropropane	10.94	76	150805	48.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	236063	240.714	ug/l	98
59) 2-Hexanone	10.98	43	246302	236.409	ug/l	100
60) Dibromochloromethane	11.13	129	104370	48.716	ug/l	99
61) 1,2-Dibromoethane	11.24	107	79211	46.483	ug/l	100
64) Tetrachloroethene	10.87	164	121678	53.900	ug/l	97
65) Chlorobenzene	11.66	112	349017	49.657	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	122872	49.747	ug/l	99
67) Ethyl Benzene	11.74	91	638003	51.209	ug/l	99
68) m/p-Xylenes	11.85	106	483194	102.024	ug/l	100
69) o-Xylene	12.17	106	225390	51.350	ug/l	100
70) Styrene	12.19	104	375927	51.455	ug/l	99
71) Bromoform	12.35	173	59247	46.284	ug/l #	99
73) Isopropylbenzene	12.47	105	637747	51.931	ug/l	100
74) N-amyl acetate	12.28	43	99808	35.706	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	98428	47.375	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	131875	87.368	ug/l #	100
77) Bromobenzene	12.76	156	141650	49.527	ug/l	99
78) n-propylbenzene	12.81	91	780010	51.871	ug/l	99
79) 2-Chlorotoluene	12.90	91	436169	51.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	535352	51.935	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28961	44.150	ug/l	99
82) 4-Chlorotoluene	12.99	91	454534	50.420	ug/l	99
83) tert-Butylbenzene	13.21	119	454665	51.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	546891	51.576	ug/l	100
85) sec-Butylbenzene	13.39	105	664702	50.905	ug/l	100
86) p-Isopropyltoluene	13.51	119	583913	50.701	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	290721	49.481	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	285395	48.860	ug/l	99
89) n-Butylbenzene	13.84	91	552915	49.252	ug/l	100
90) Hexachloroethane	14.10	117	104051	49.943	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	251097	48.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16012	45.796	ug/l	98

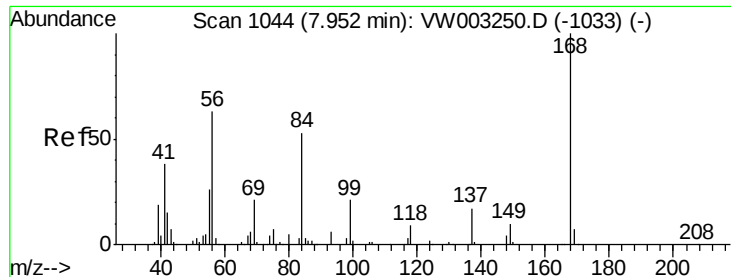
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003464.D
Acq On : 23 Jun 2018 16:54
Operator : SY/AP
Sample : J3664-07MS
Misc : 6.47G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Quant Time: Jun 25 02:36:37 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	160758	44.494	ug/l	99
94) Hexachlorobutadiene	15.25	225	89256	41.069	ug/l	99
95) Naphthalene	15.38	128	267790	43.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	134372	42.252	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: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

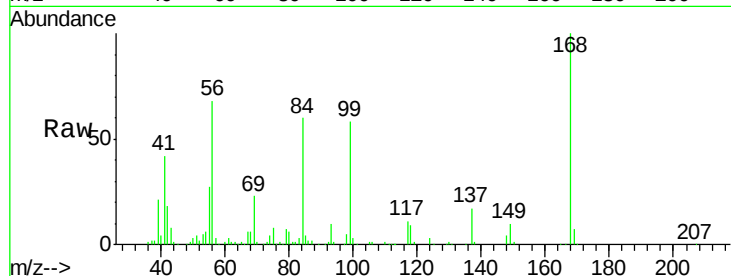
WP021SB476-25-27-180619MS

Tgt Ion: 168 Resp: 236052

Ion Ratio Lower Upper

168 100

99 57.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

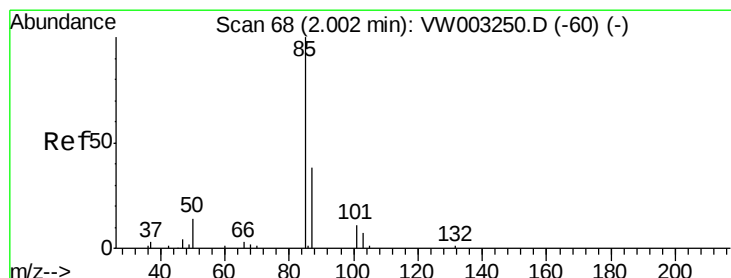
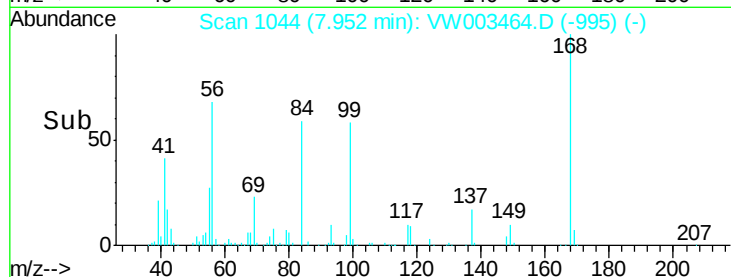
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 79.295 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003464.D

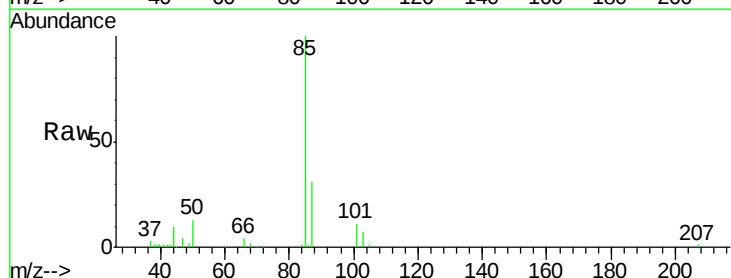
Acq: 23 Jun 2018 16:54

Tgt Ion: 85 Resp: 56588

Ion Ratio Lower Upper

85 100

87 31.4 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

20000

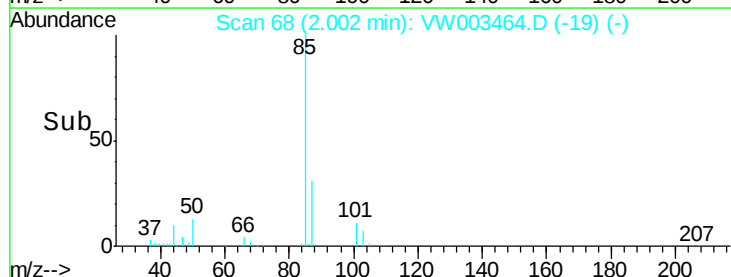
15000

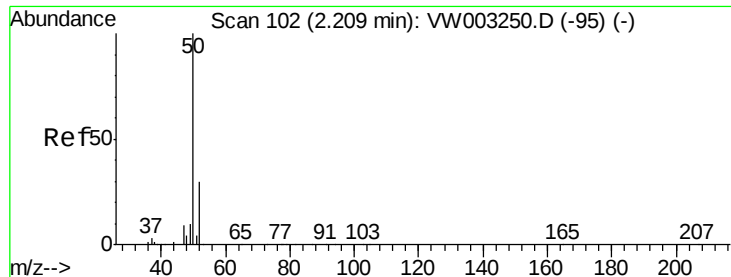
10000

5000

0

Time-->





#3

Chloromethane

Concen: 46.911 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

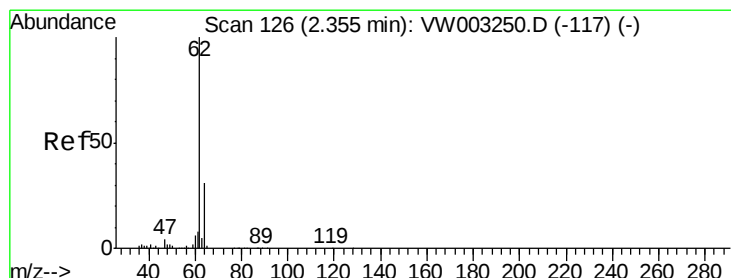
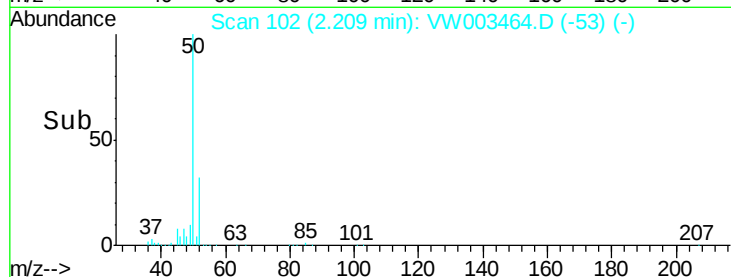
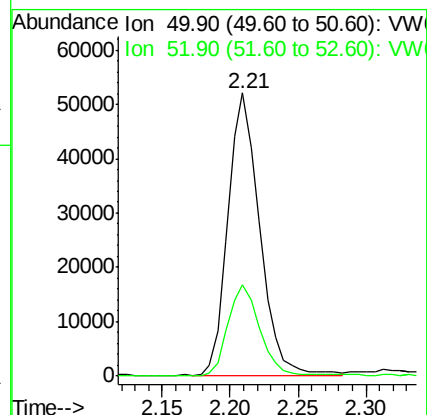
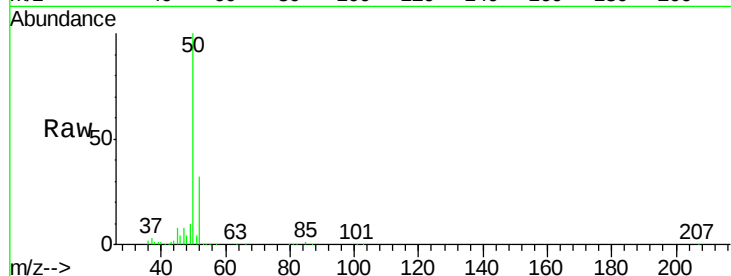
WP021SB476-25-27-180619MS

Tgt Ion: 50 Resp: 84585

Ion Ratio Lower Upper

50 100

52 32.2 24.2 36.2



#4

Vinyl Chloride

Concen: 47.555 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003464.D

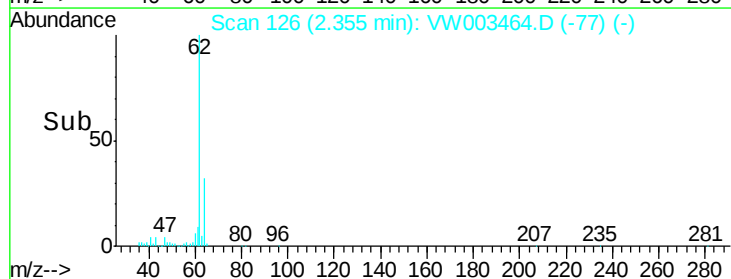
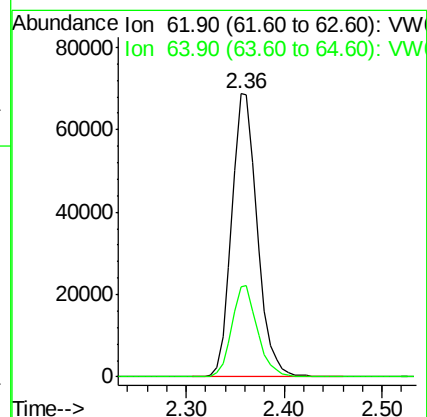
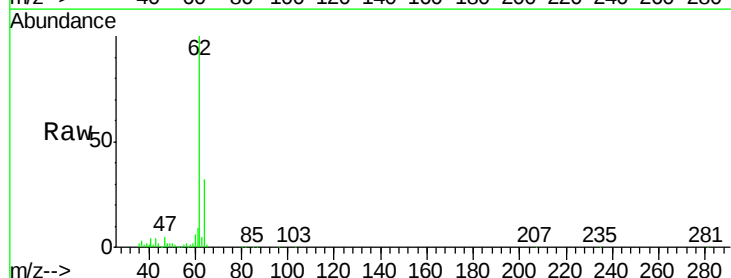
Acq: 23 Jun 2018 16:54

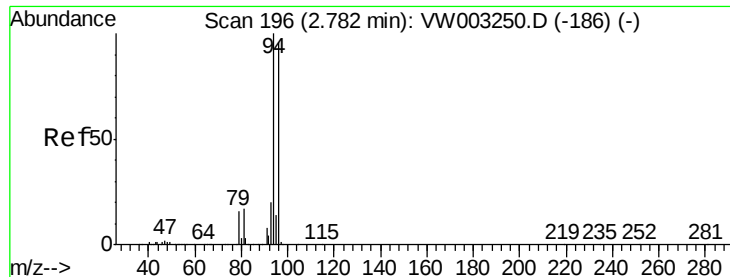
Tgt Ion: 62 Resp: 124999

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3





#5

Bromomethane

Concen: 45.019 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

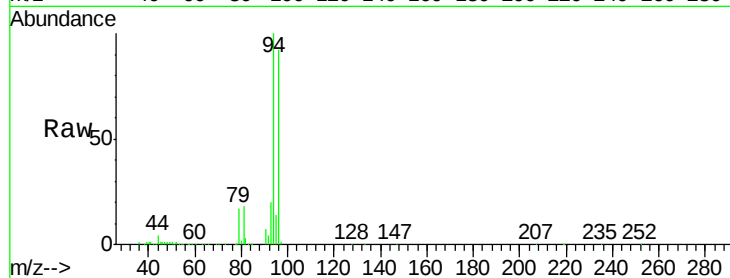
WP021SB476-25-27-180619MS

Tgt Ion: 94 Resp: 78651

Ion Ratio Lower Upper

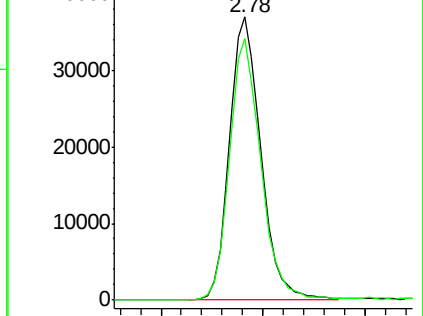
94 100

96 91.9 76.5 114.7

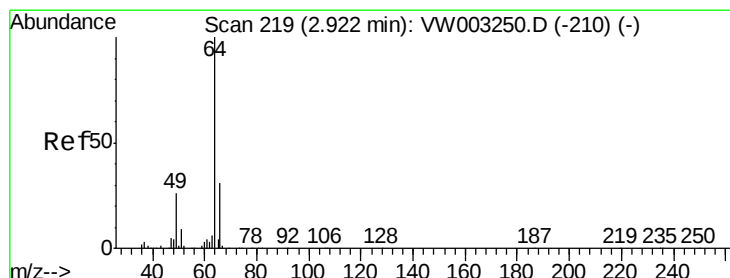
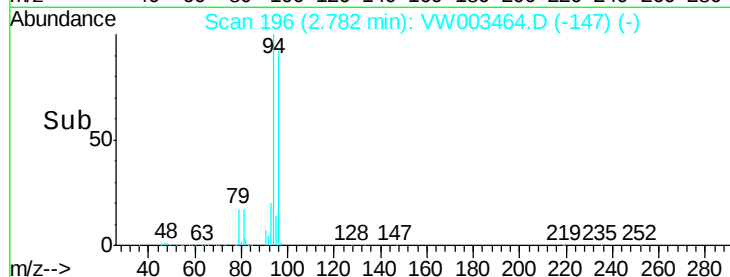


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



#6

Chloroethane

Concen: 44.689 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003464.D

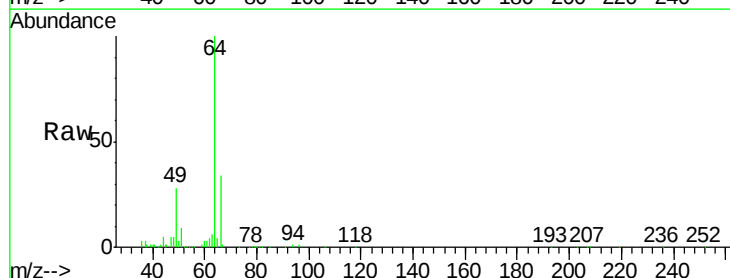
Acq: 23 Jun 2018 16:54

Tgt Ion: 64 Resp: 81766

Ion Ratio Lower Upper

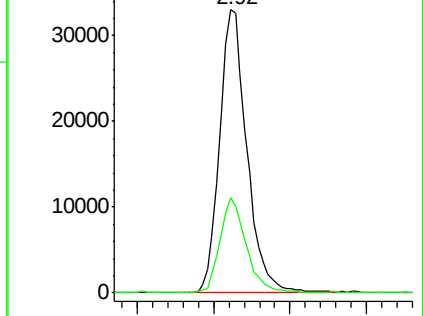
64 100

66 33.7 24.4 36.6

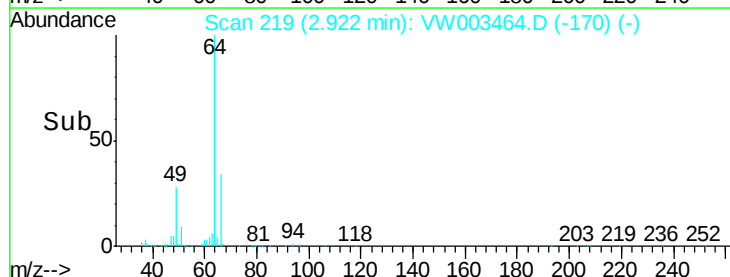


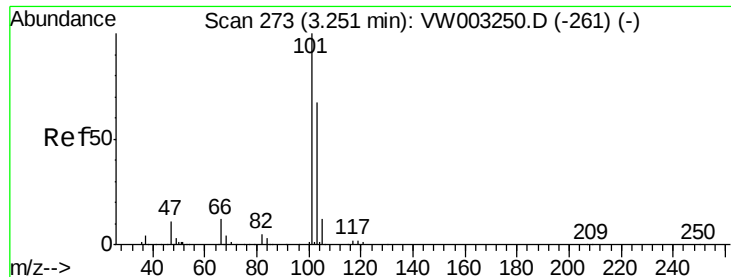
Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time-->



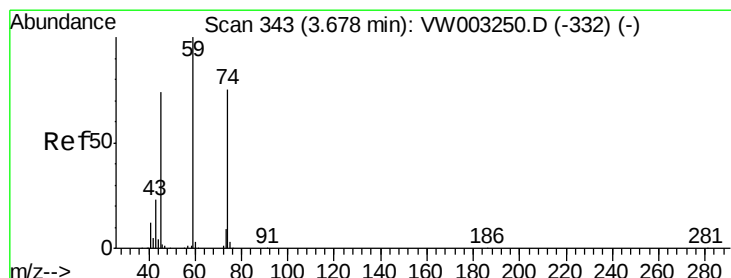
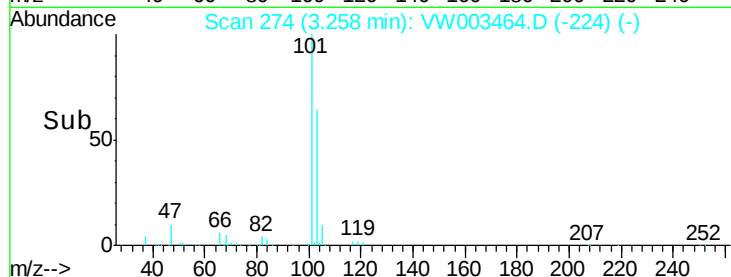
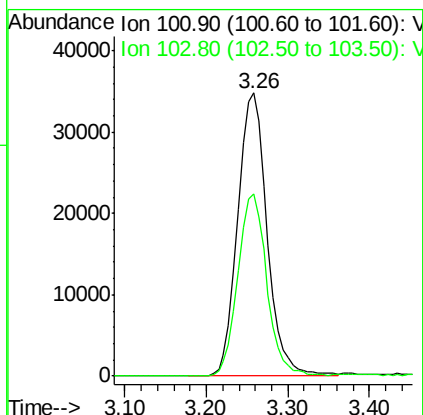
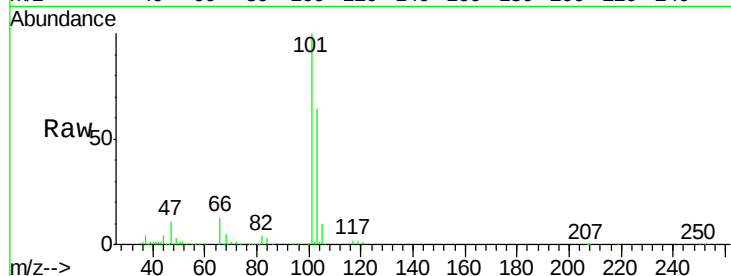


#7

Trichlorofluoromethane
 Concen: 55.211 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

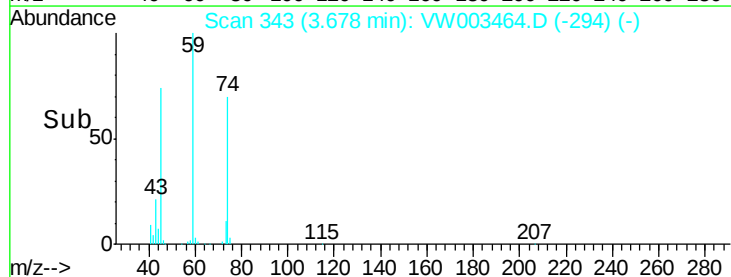
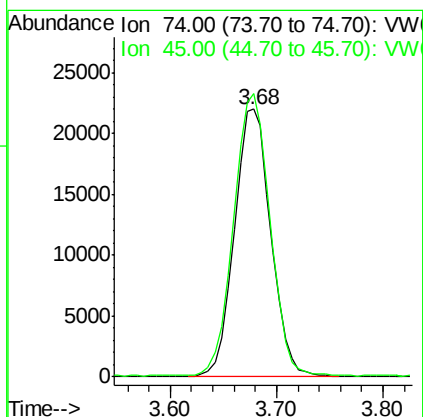
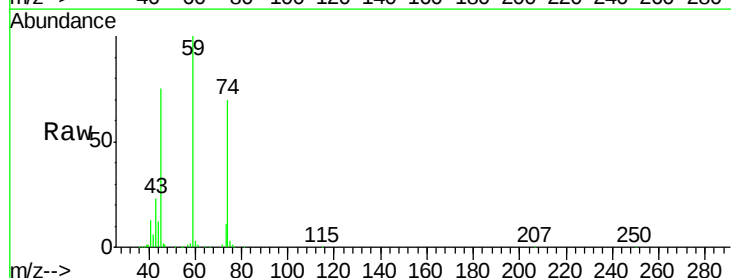
Tgt Ion:101 Resp: 86941
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.4 80.0

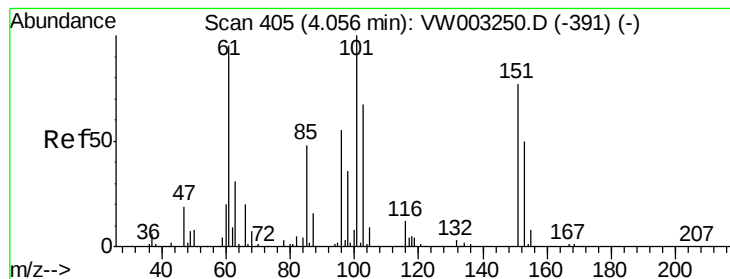


#8

Diethyl Ether
 Concen: 45.641 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 74 Resp: 52797
 Ion Ratio Lower Upper
 74 100
 45 105.5 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.355 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

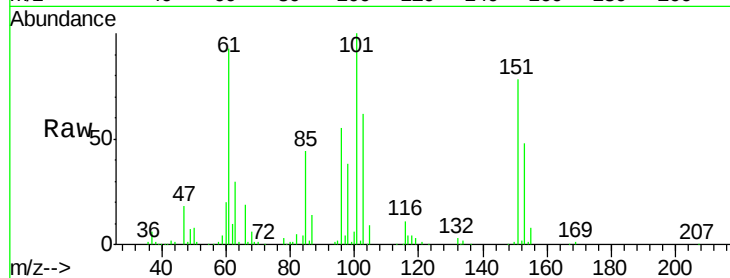
Tgt Ion:101 Resp: 110108

Ion Ratio Lower Upper

101 100

85 46.1 37.0 55.6

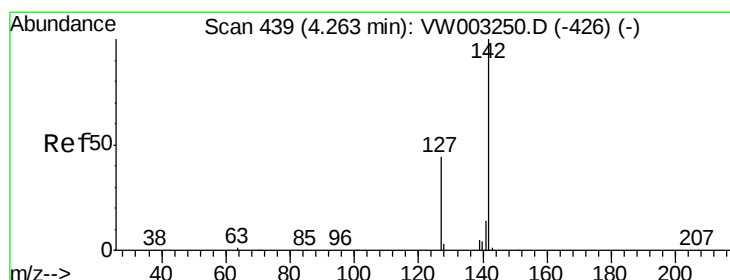
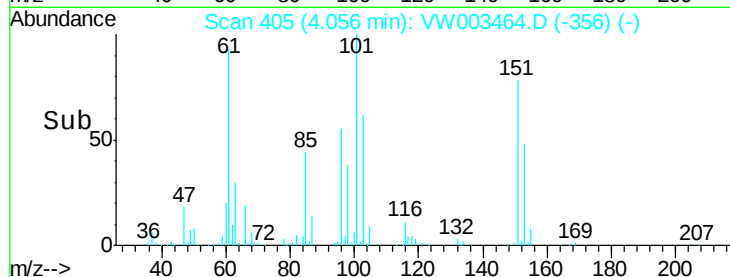
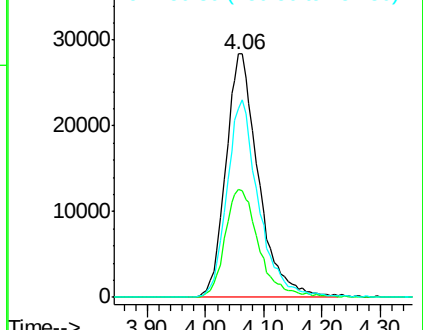
151 79.0 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.873 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

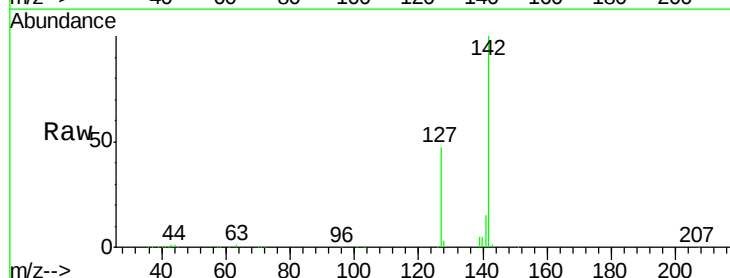
Tgt Ion:142 Resp: 161621

Ion Ratio Lower Upper

142 100

127 45.9 36.5 54.7

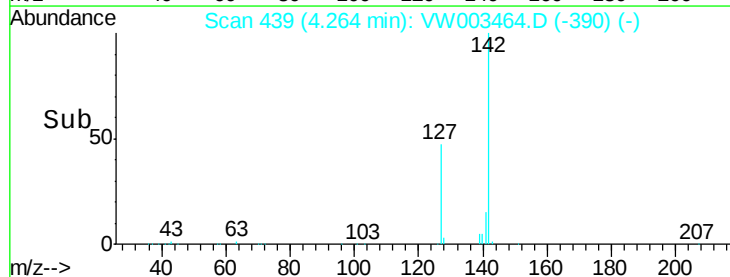
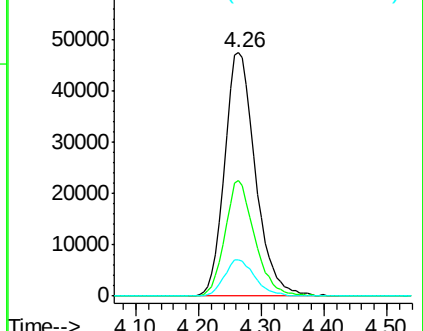
141 14.9 12.1 18.1

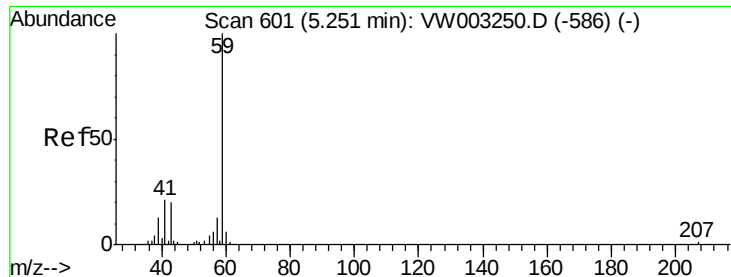


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



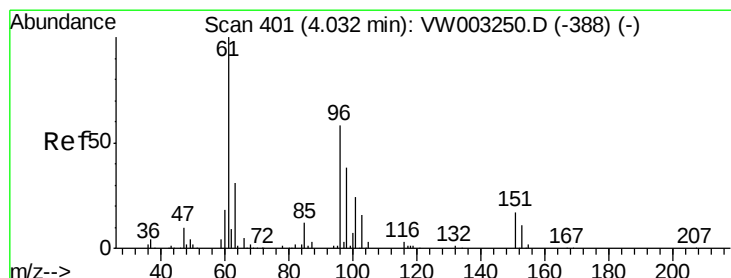
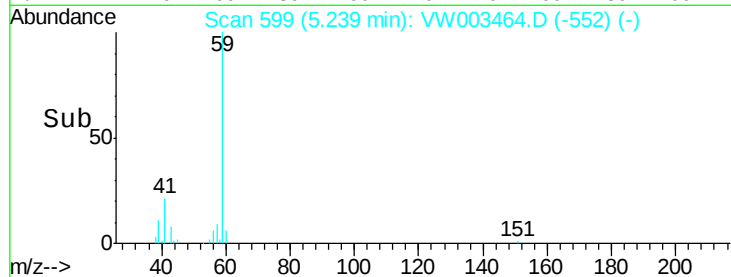
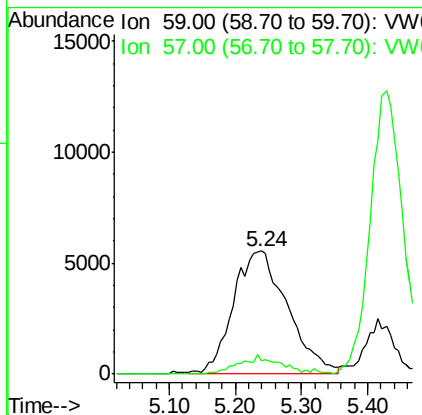
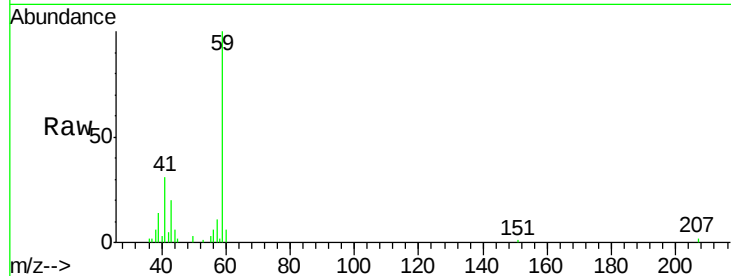


#11

Tert butyl alcohol
Concen: 231.790 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

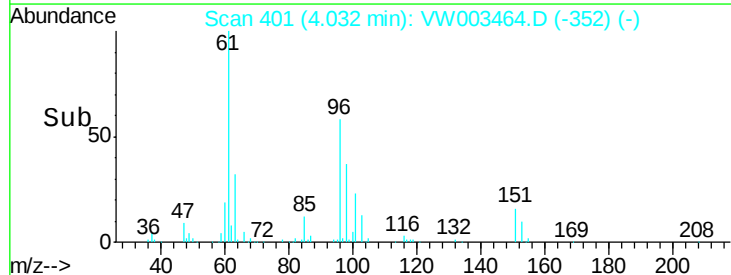
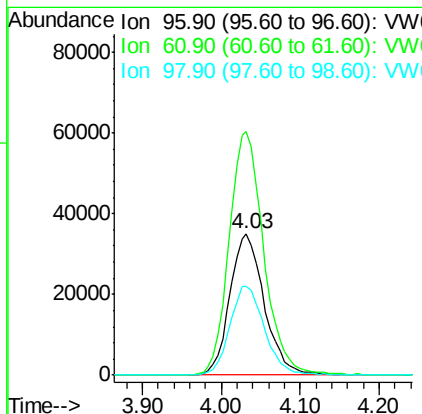
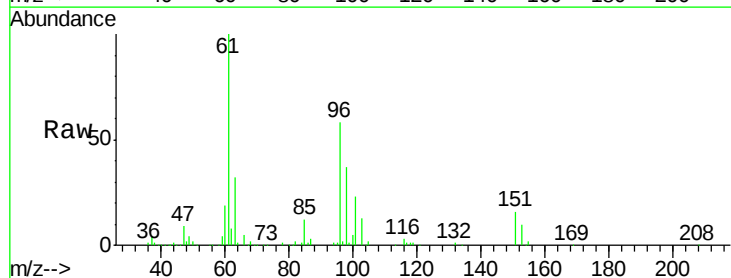
Tgt Ion: 59 Resp: 31784
Ion Ratio Lower Upper
59 100
57 11.4 4.2 6.2#

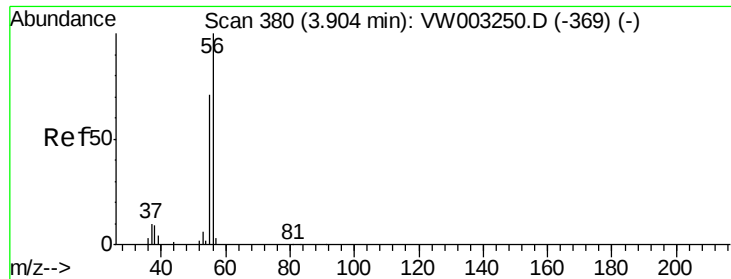


#12

1,1-Dichloroethene
Concen: 49.615 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion: 96 Resp: 106020
Ion Ratio Lower Upper
96 100
61 172.1 139.0 208.4
98 63.0 53.3 79.9





#13

Acrolein

Concen: 66.019 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

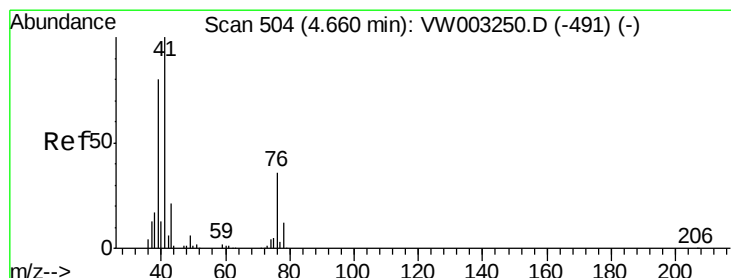
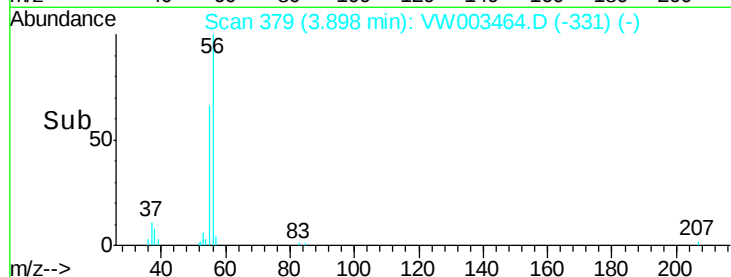
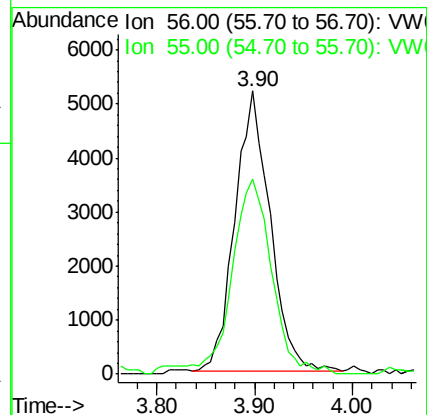
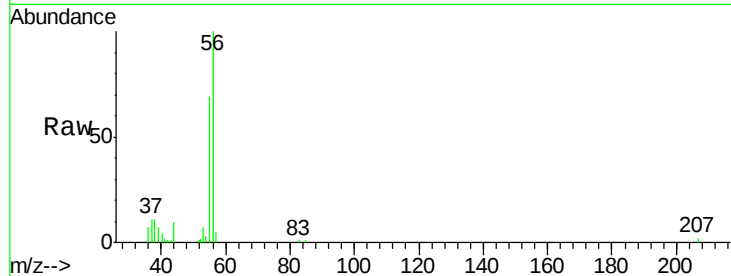
WP021SB476-25-27-180619MS

Tgt Ion: 56 Resp: 12943

Ion Ratio Lower Upper

56 100

55 80.6 55.4 83.2



#14

Allyl chloride

Concen: 49.704 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

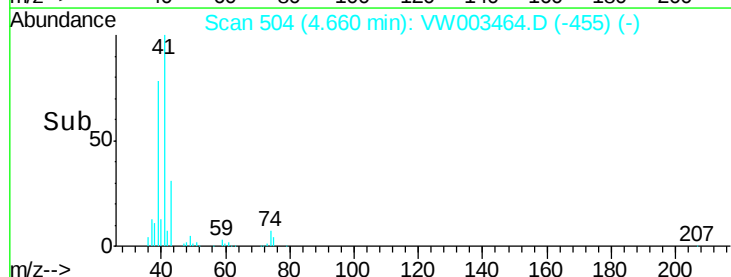
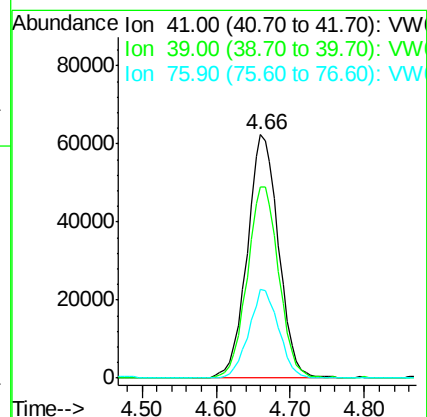
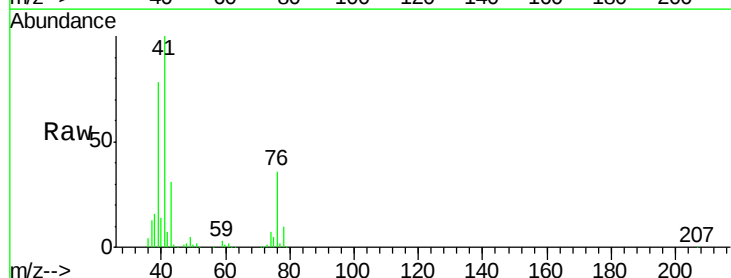
Tgt Ion: 41 Resp: 183976

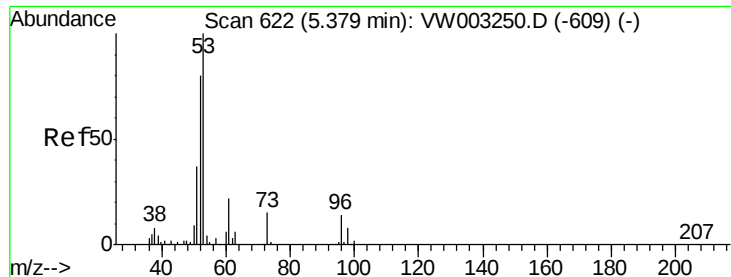
Ion Ratio Lower Upper

41 100

39 79.1 63.2 94.8

76 34.9 28.0 42.0





#15

Acrylonitrile

Concen: 218.746 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

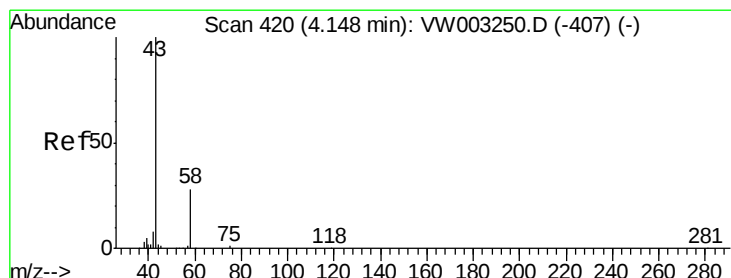
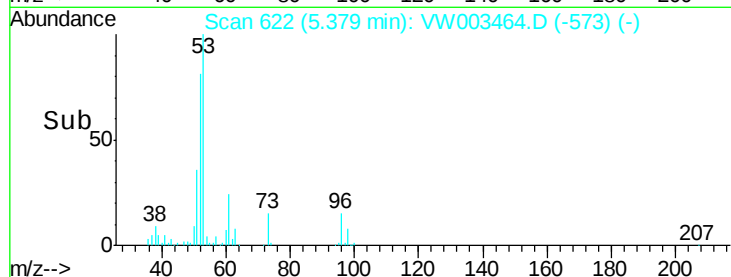
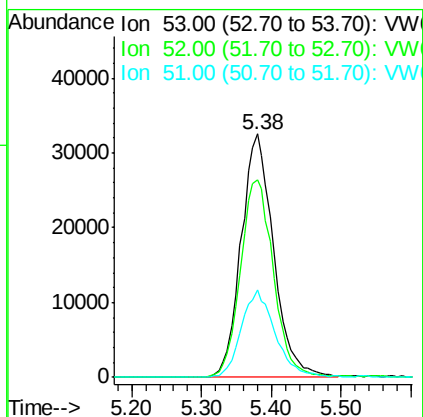
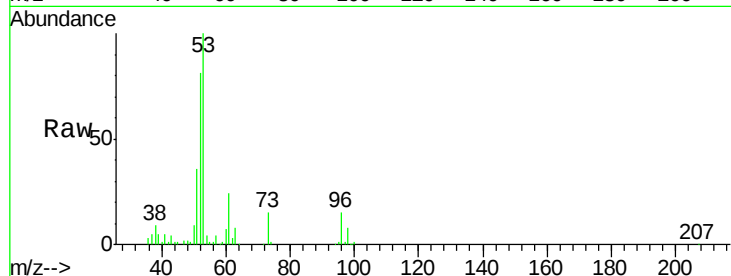
Tgt Ion: 53 Resp: 104110

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 37.2 30.6 46.0



#16

Acetone

Concen: 266.521 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003464.D

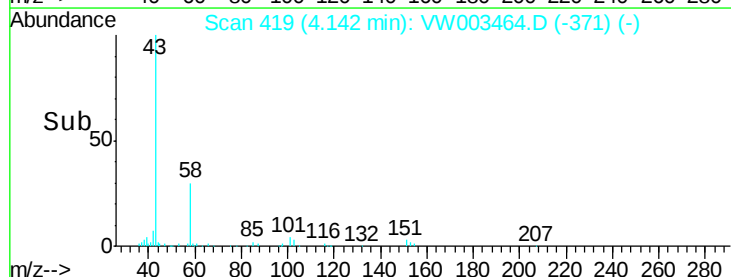
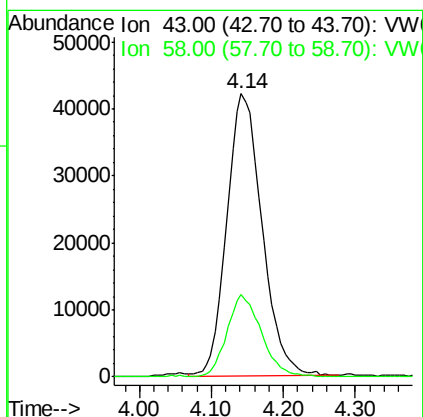
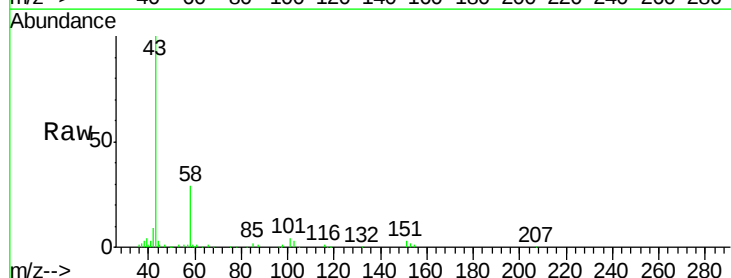
Acq: 23 Jun 2018 16:54

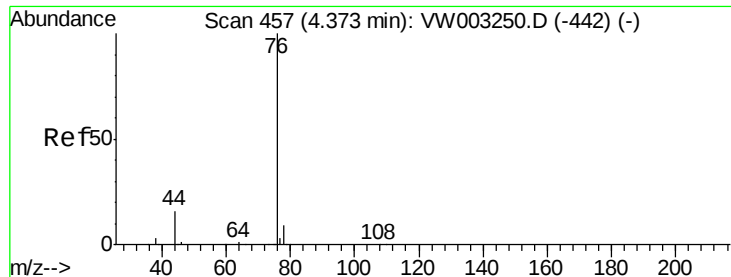
Tgt Ion: 43 Resp: 142919

Ion Ratio Lower Upper

43 100

58 29.3 22.6 34.0





#17

Carbon Disulfide

Concen: 49.845 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

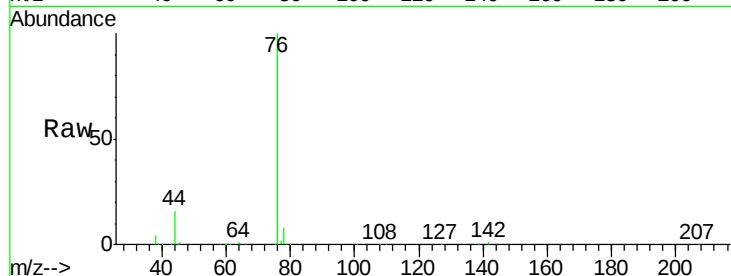
WP021SB476-25-27-180619MS

Tgt Ion: 76 Resp: 314886

Ion Ratio Lower Upper

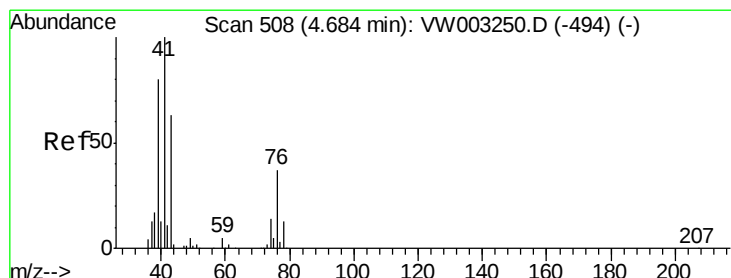
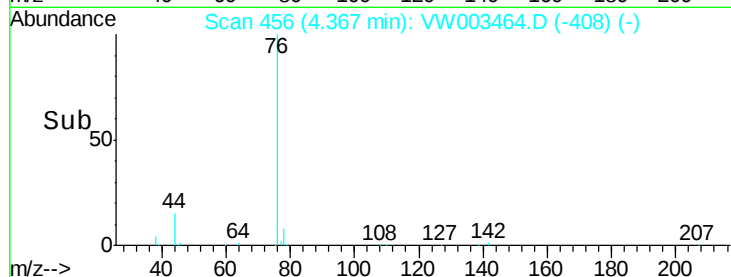
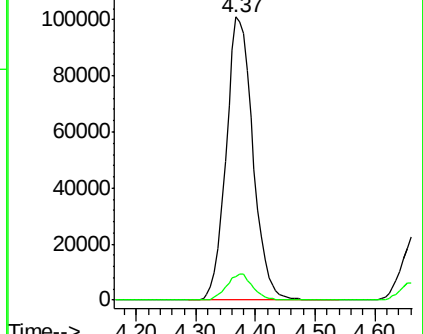
76 100

78 8.4 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: 69.490 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003464.D

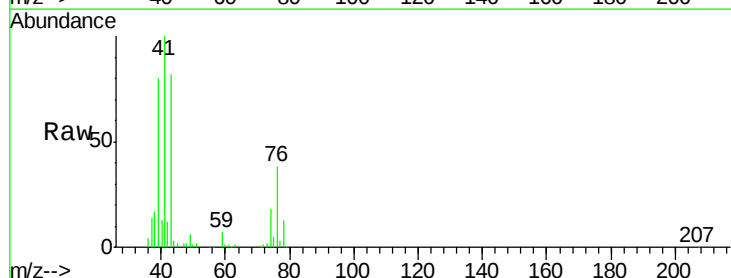
Acq: 23 Jun 2018 16:54

Tgt Ion: 43 Resp: 88400

Ion Ratio Lower Upper

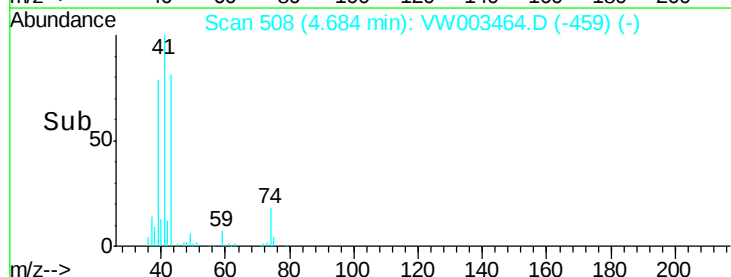
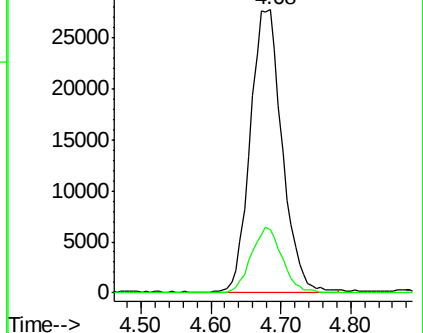
43 100

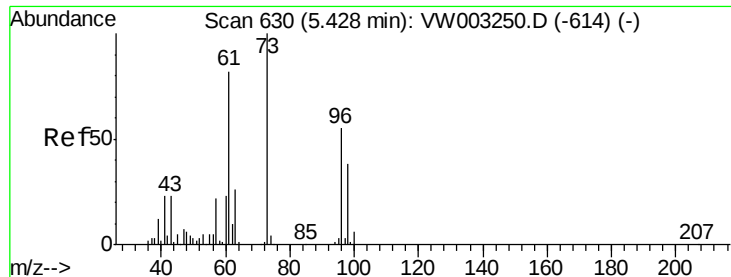
74 22.3 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

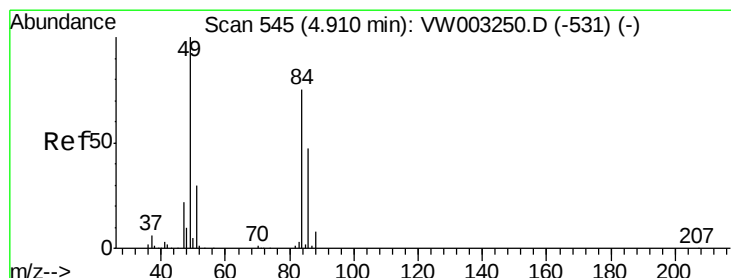
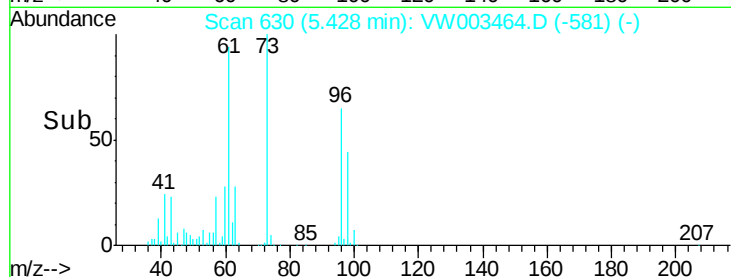
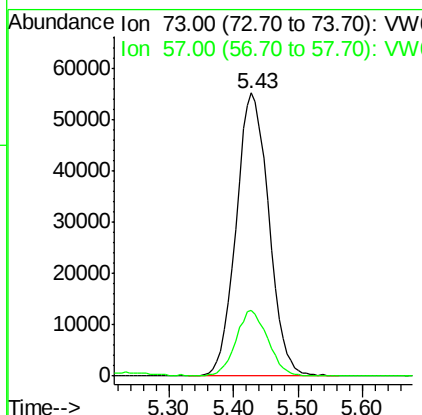
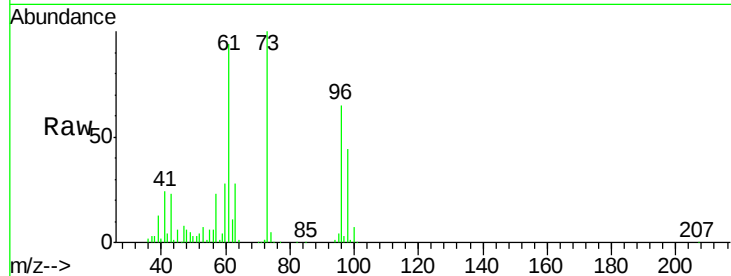




#19
Methyl tert-butyl Ether
Concen: 48.325 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

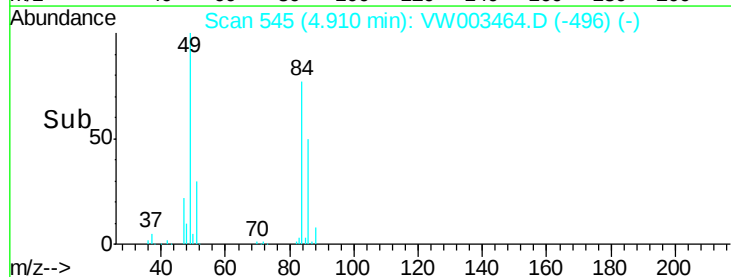
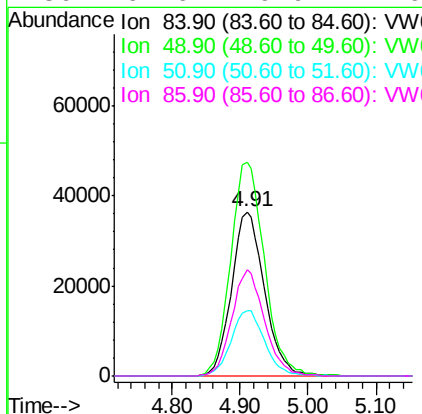
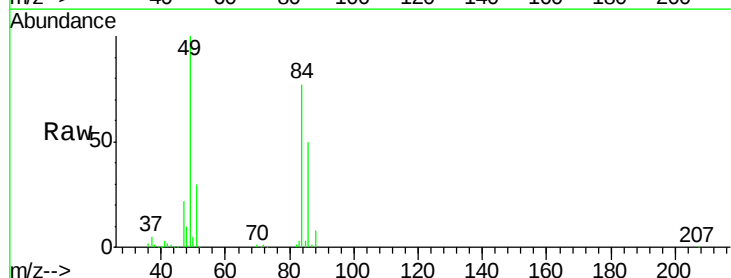
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

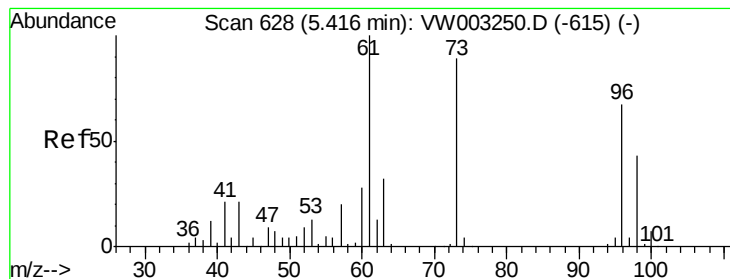
Tgt Ion: 73 Resp: 193410
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0



#20
Methylene Chloride
Concen: 54.132 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion: 84 Resp: 122618
Ion Ratio Lower Upper
84 100
49 130.0 106.3 159.5
51 39.4 32.0 48.0
86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.727 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

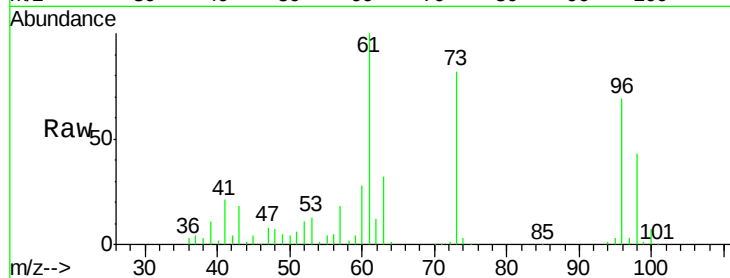
Tgt Ion: 96 Resp: 117970

Ion Ratio Lower Upper

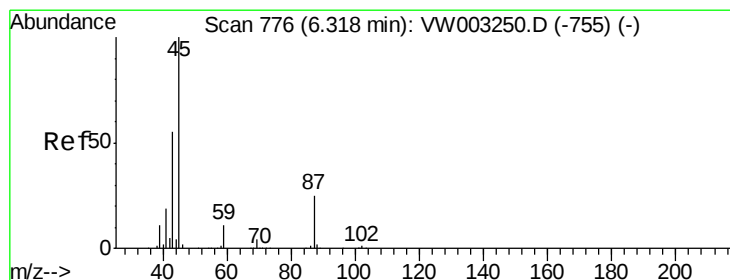
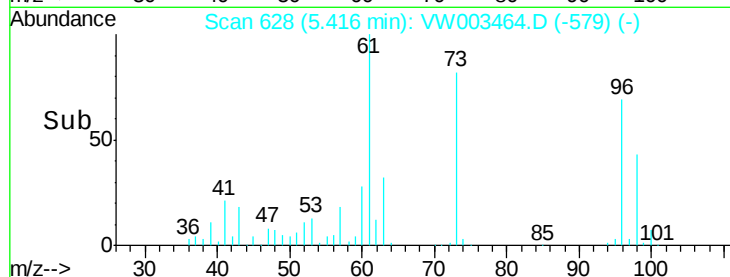
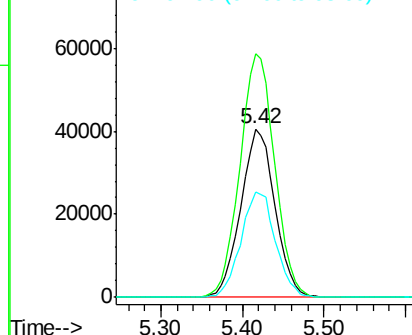
96 100

61 144.9 118.7 178.1

98 62.4 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.801 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion: 45 Resp: 378439

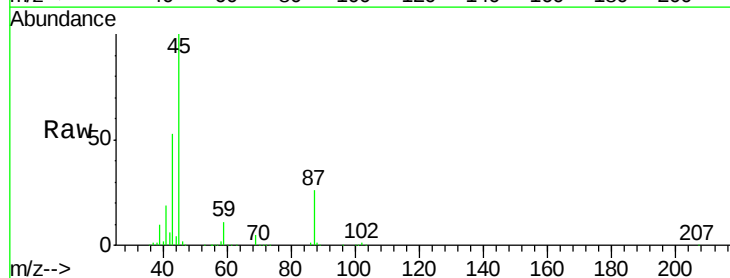
Ion Ratio Lower Upper

45 100

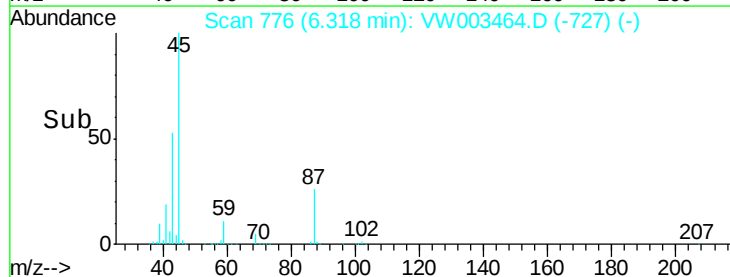
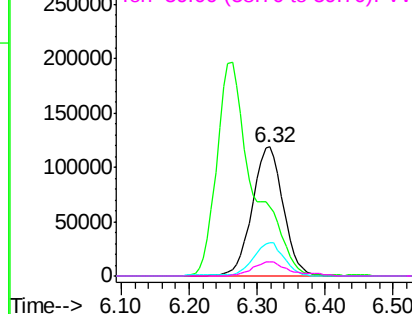
43 52.8 44.0 66.0

87 25.5 20.6 31.0

59 10.3 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 172.336 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

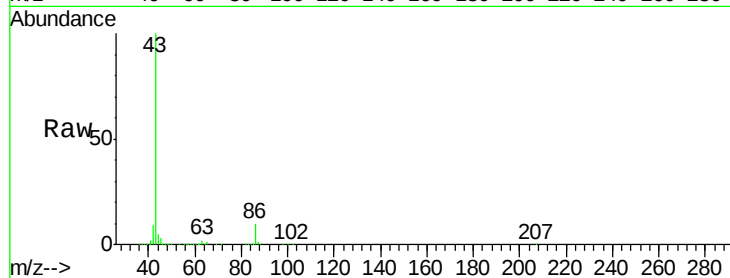
WP021SB476-25-27-180619MS

Tgt Ion: 43 Resp: 739807

Ion Ratio Lower Upper

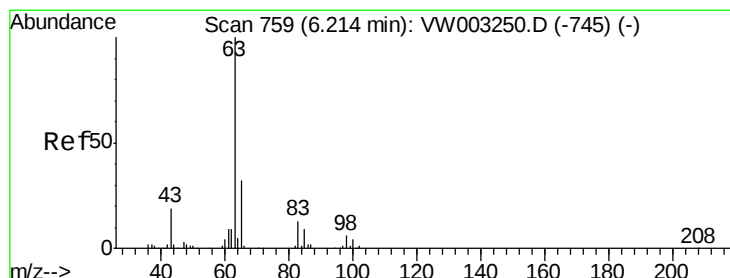
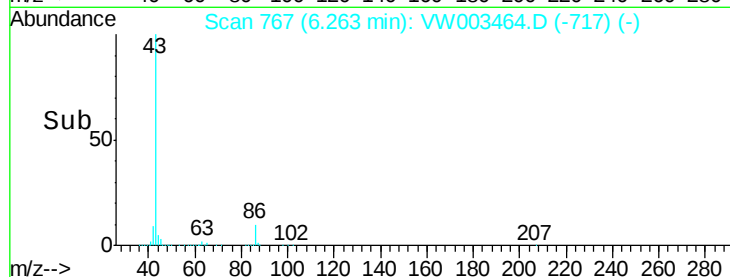
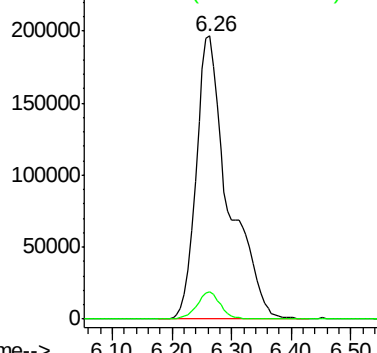
43 100

86 9.7 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.757 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

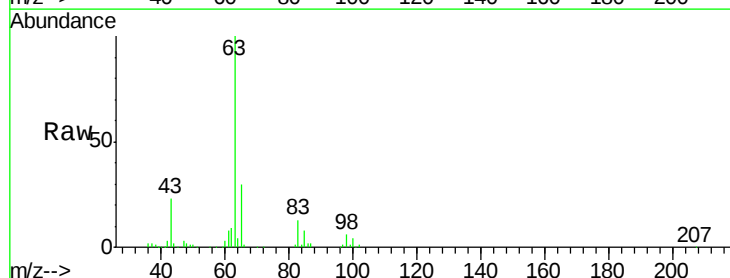
Tgt Ion: 63 Resp: 228887

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

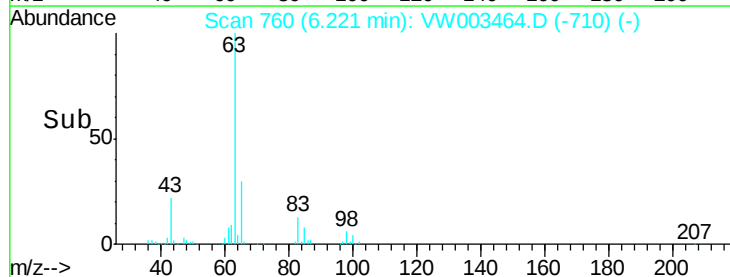
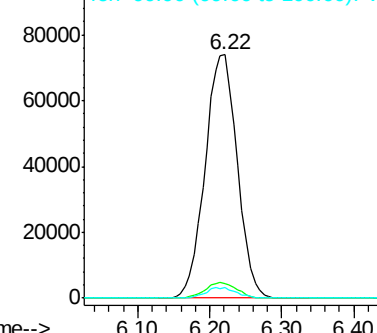
100 4.2 2.1 6.5

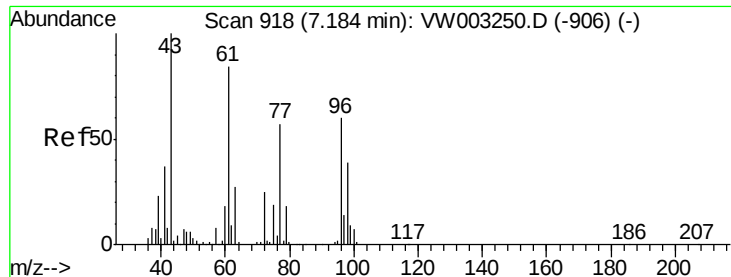


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 234.148 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

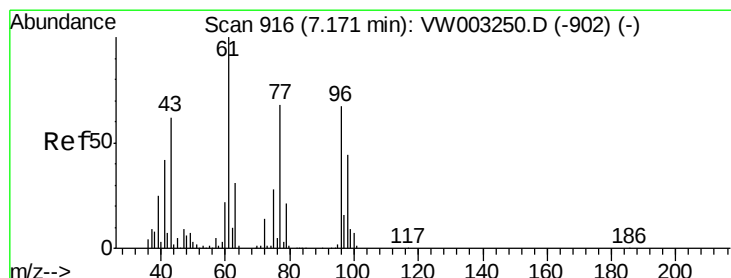
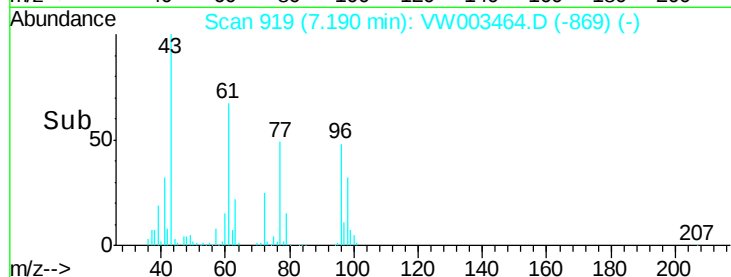
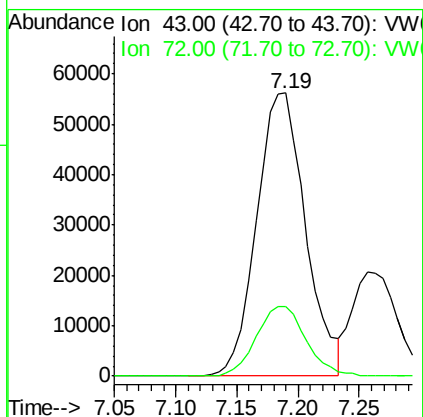
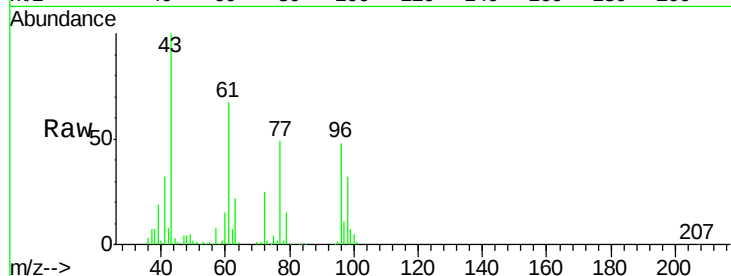
WP021SB476-25-27-180619MS

Tgt Ion: 43 Resp: 156130

Ion Ratio Lower Upper

43 100

72 24.6 20.3 30.5



#26

2,2-Dichloropropane

Concen: 48.805 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003464.D

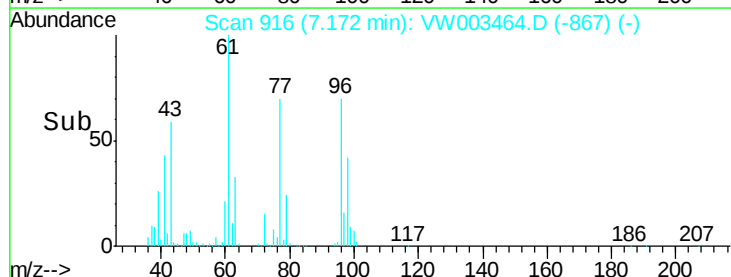
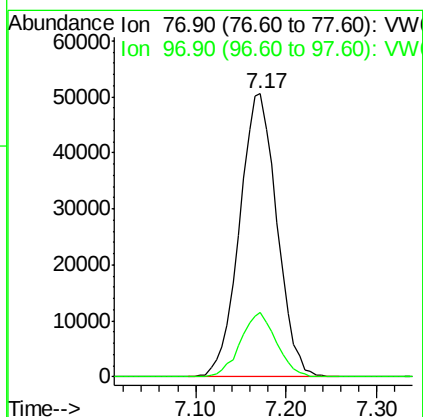
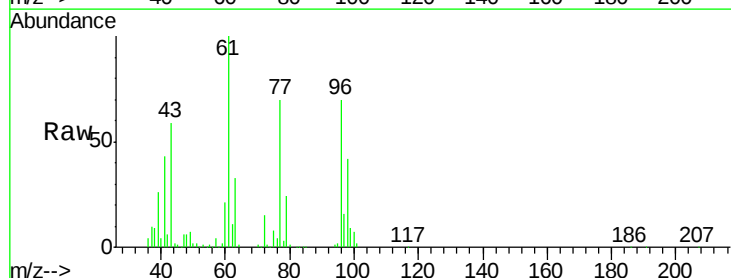
Acq: 23 Jun 2018 16:54

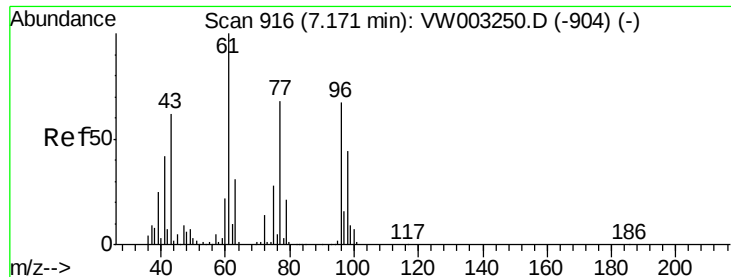
Tgt Ion: 77 Resp: 144043

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9



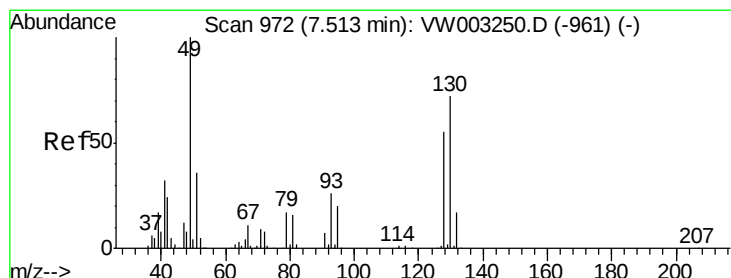
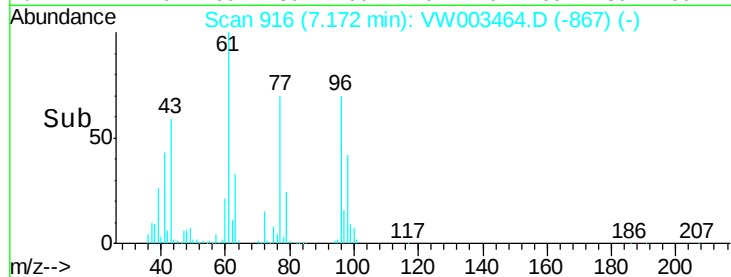
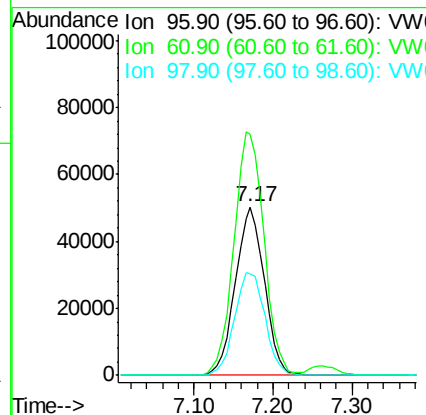
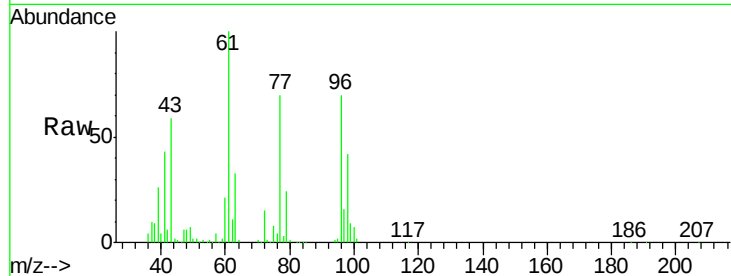


#27

cis-1,2-Dichloroethene
 Concen: 50.386 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

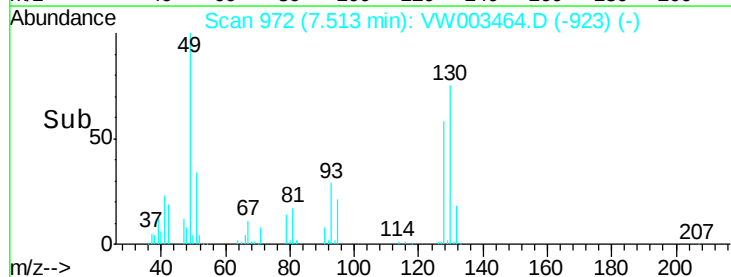
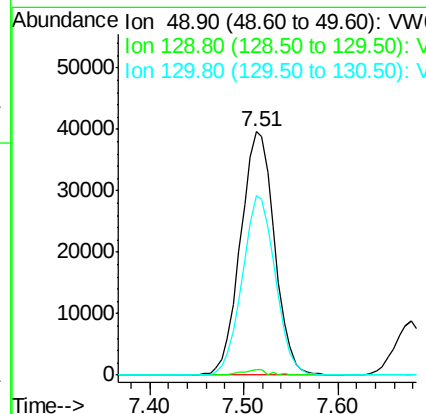
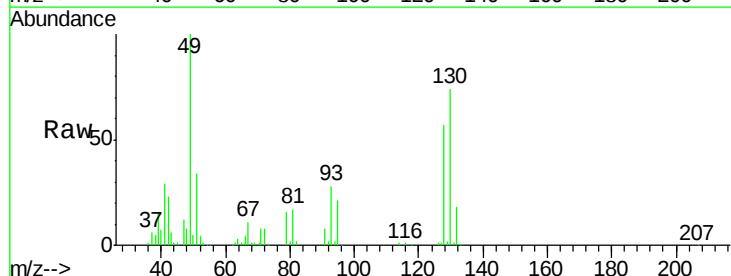
Tgt Ion: 96 Resp: 128723
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 298.8
 98 64.1 0.0 130.4

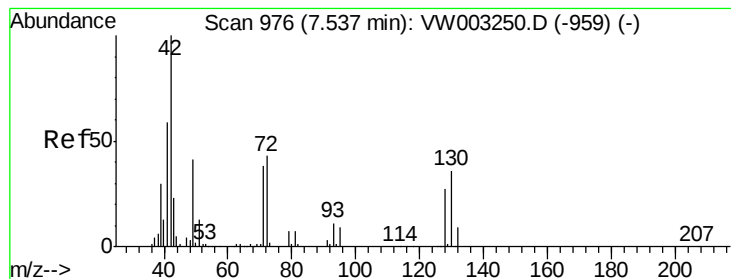


#28

Bromochloromethane
 Concen: 54.278 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 49 Resp: 99888
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 71.9 59.4 89.2





#29

Tetrahydrofuran

Concen: 216.924 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

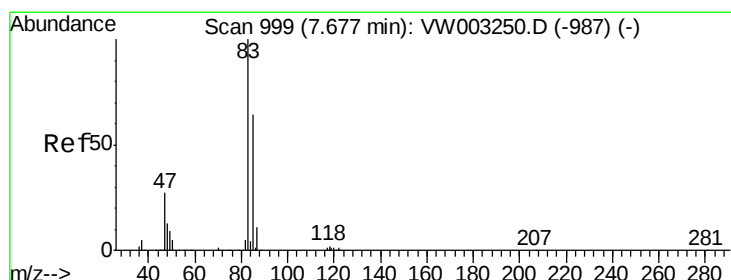
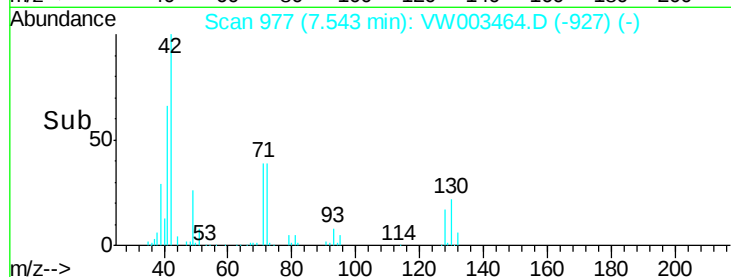
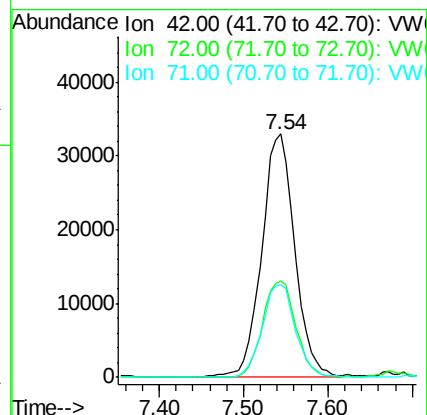
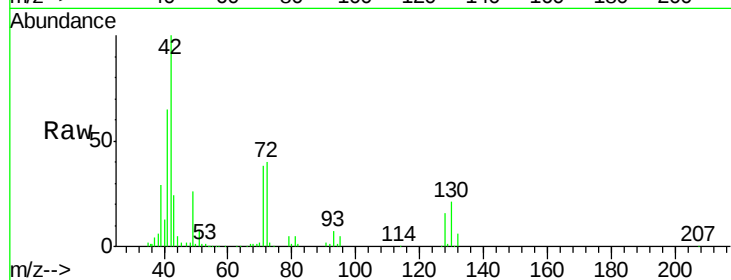
Tgt Ion: 42 Resp: 88402

Ion Ratio Lower Upper

42 100

72 40.4 32.4 48.6

71 38.9 31.2 46.8



#30

Chloroform

Concen: 51.769 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003464.D

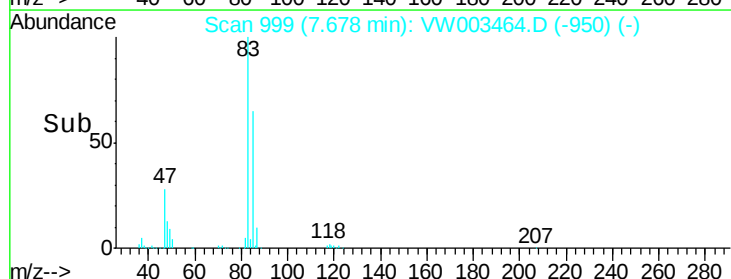
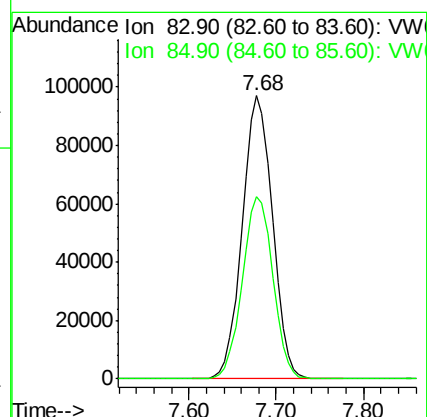
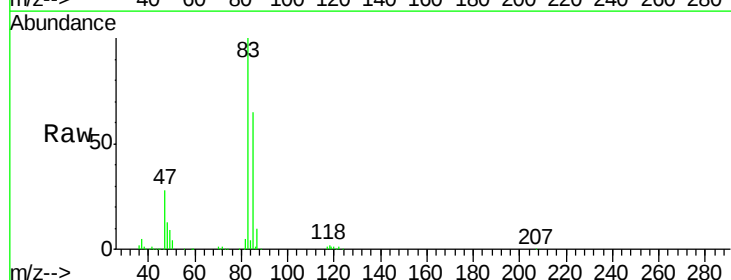
Acq: 23 Jun 2018 16:54

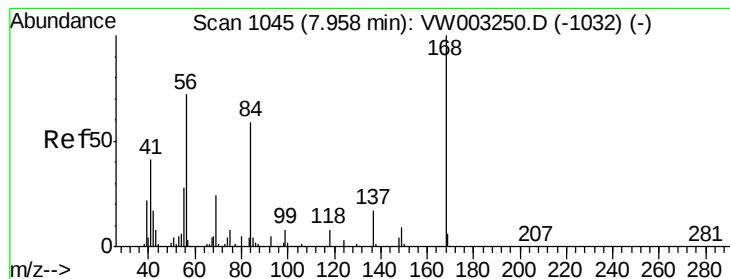
Tgt Ion: 83 Resp: 233244

Ion Ratio Lower Upper

83 100

85 64.6 51.3 76.9





#31

Cyclohexane

Concen: 47.476 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

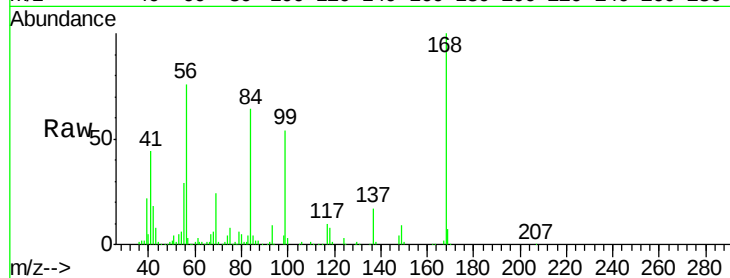
Tgt Ion: 56 Resp: 196150

Ion Ratio Lower Upper

56 100

69 31.8 26.3 39.5

84 83.3 65.7 98.5

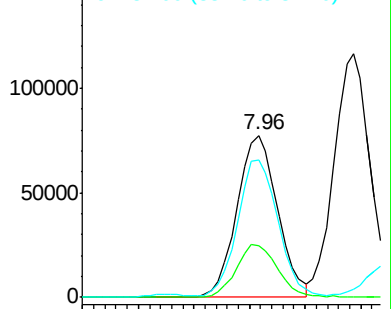


Abundance

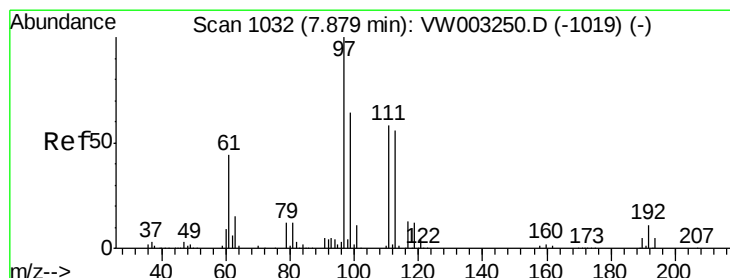
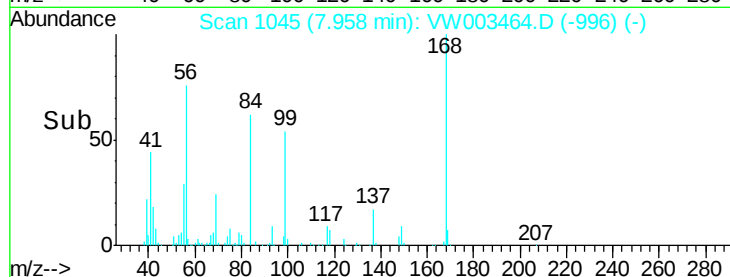
Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->



#32

1,1,1-Trichloroethane

Concen: 51.559 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

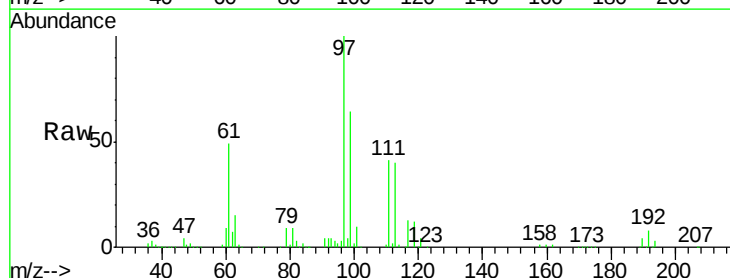
Tgt Ion: 97 Resp: 191744

Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 47.2 37.6 56.4

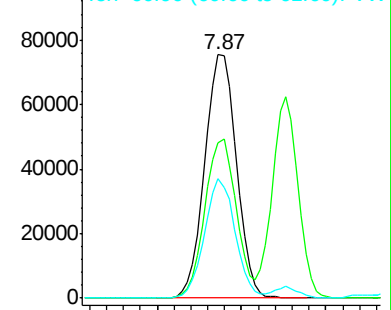


Abundance

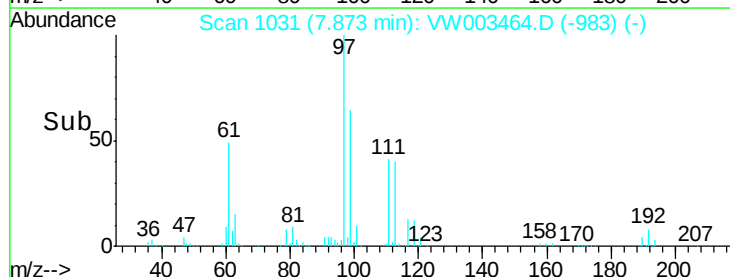
Ion 96.90 (96.60 to 97.60): VW

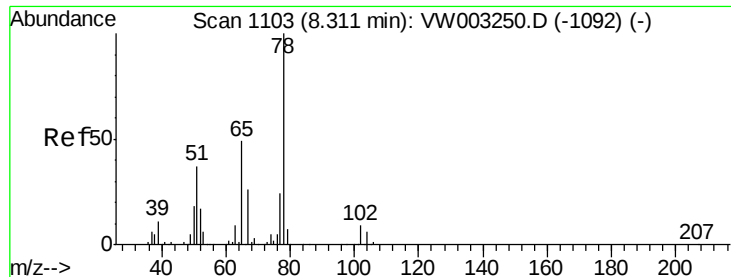
Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



Time-->

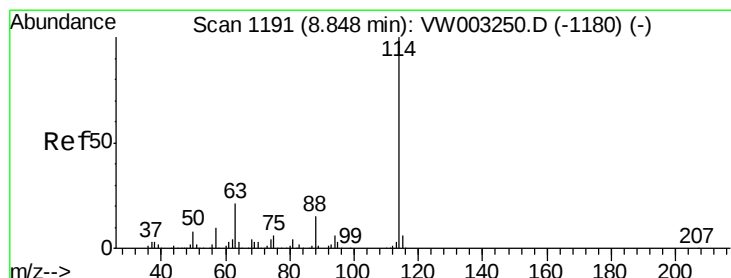
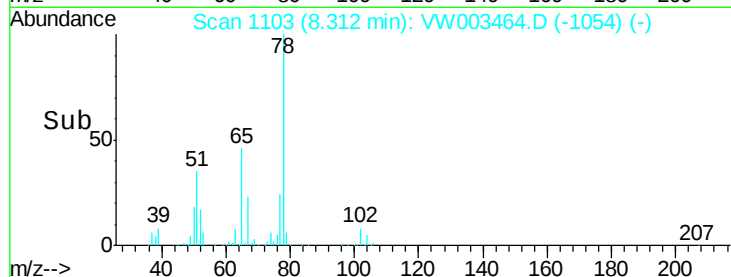
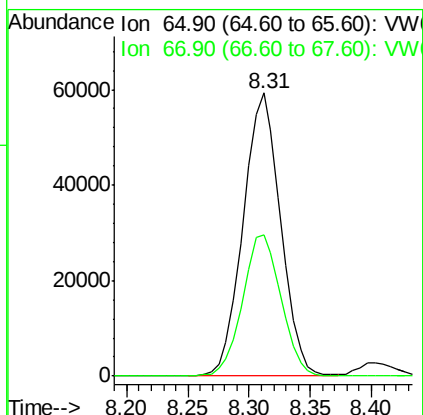
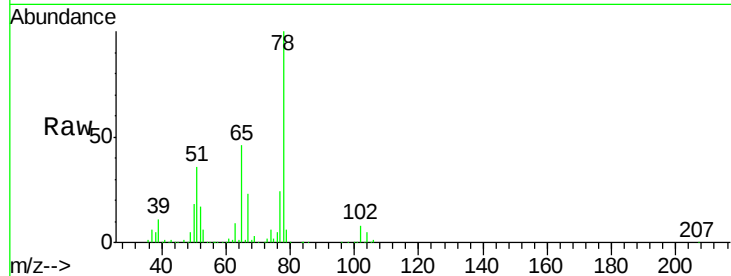




#33
 1,2-Dichloroethane-d4
 Concen: 49.516 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

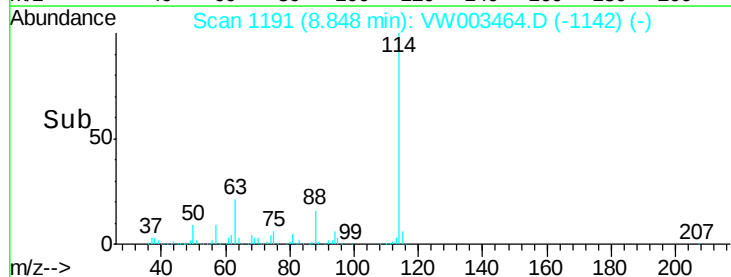
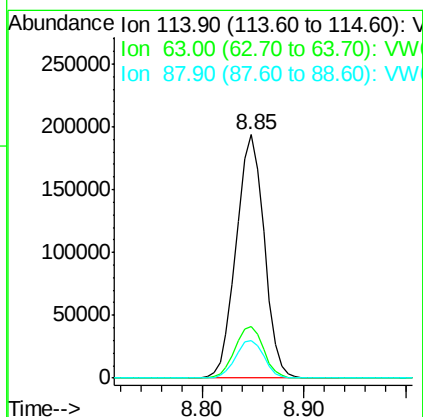
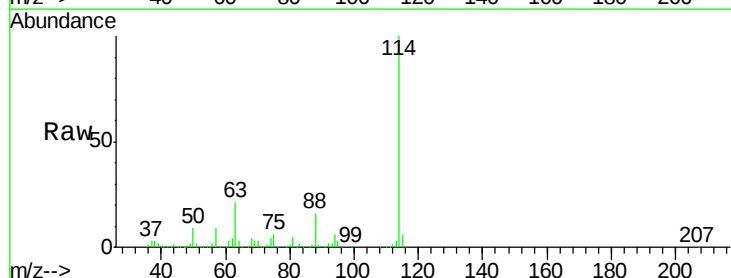
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

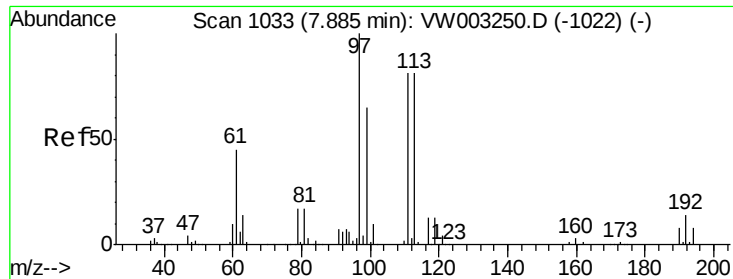
Tgt Ion: 65 Resp: 126603
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 114 Resp: 368421
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.0
 88 15.6 0.0 29.6

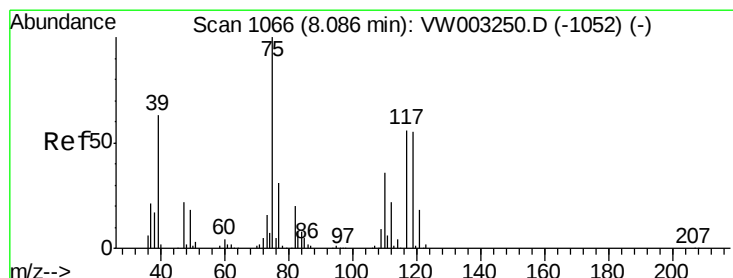
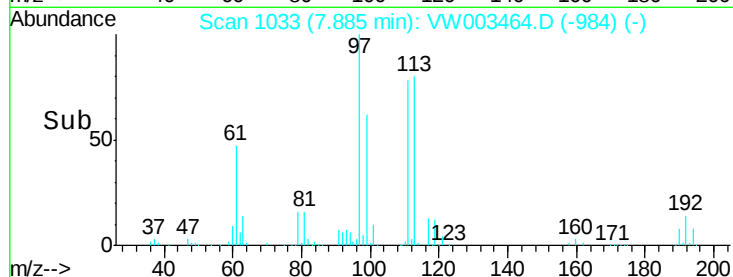
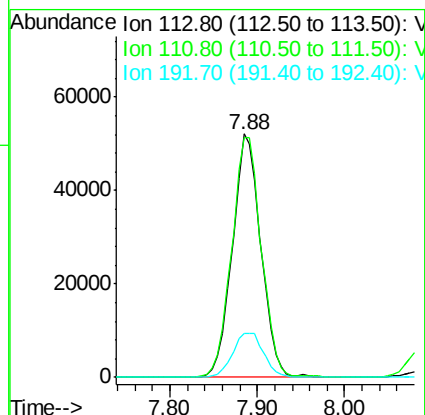
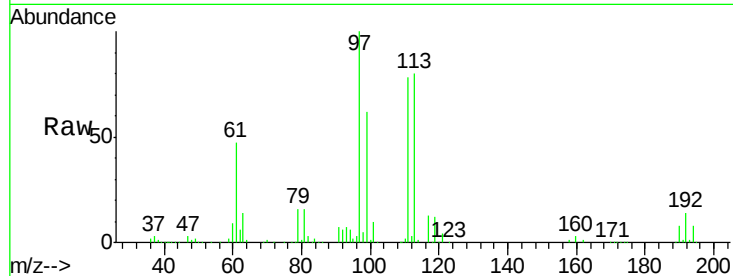




#35
 Dibromofluoromethane
 Concen: 51.394 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

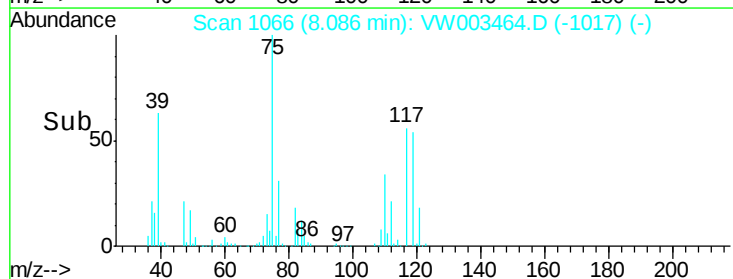
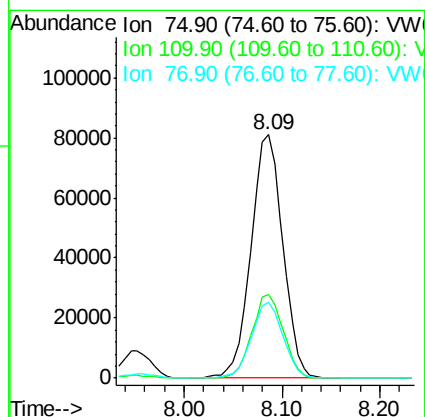
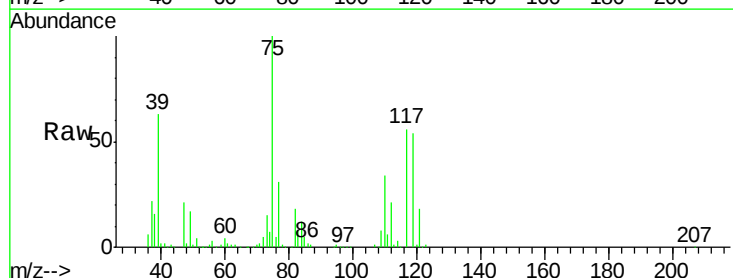
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

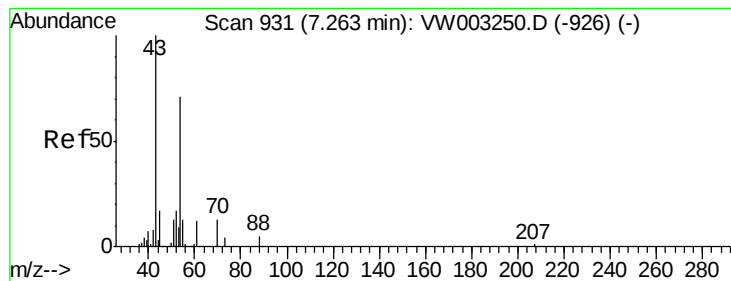
Tgt Ion: 113 Resp: 117655
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 19.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 51.301 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 75 Resp: 182529
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.1 51.3
 77 31.2 24.9 37.3





#37

Ethyl Acetate

Concen: 36.604 ug/l

RT: 7.26 min Scan# 930

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

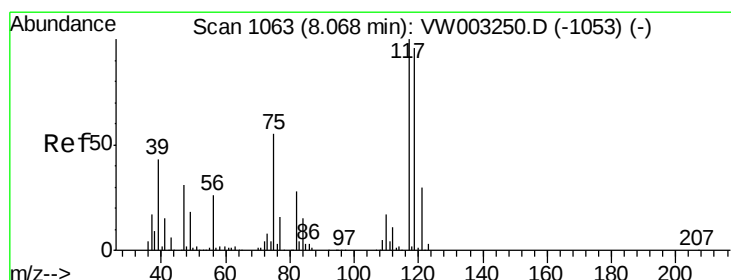
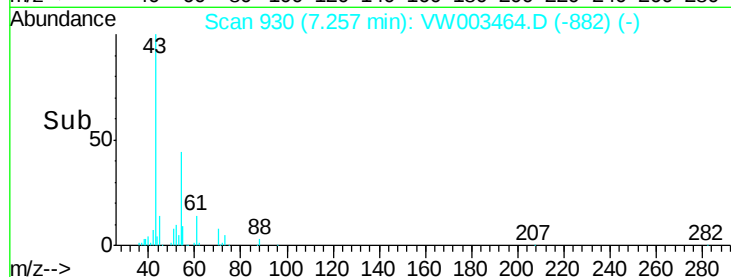
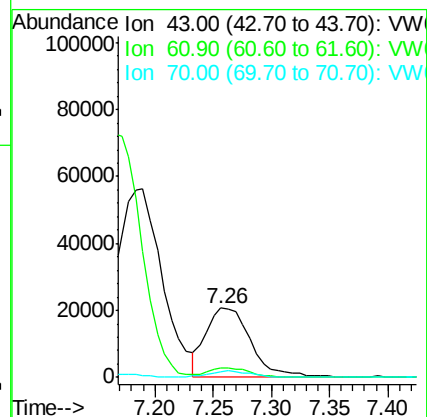
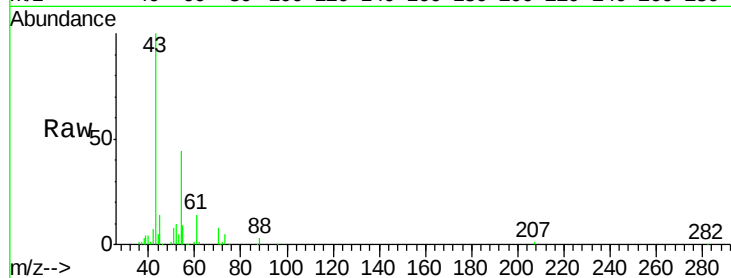
Tgt Ion: 43 Resp: 53954

Ion Ratio Lower Upper

43 100

61 13.3 10.8 16.2

70 8.9 7.8 11.6



#38

Carbon Tetrachloride

Concen: 50.889 ug/l

RT: 8.07 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

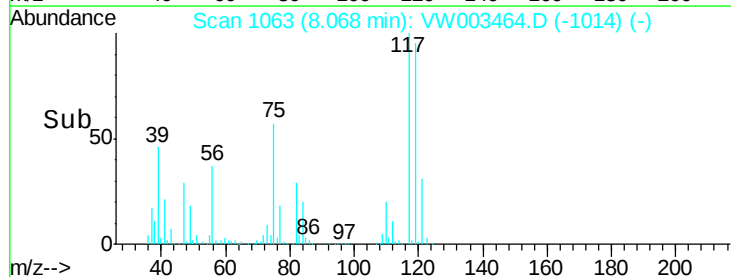
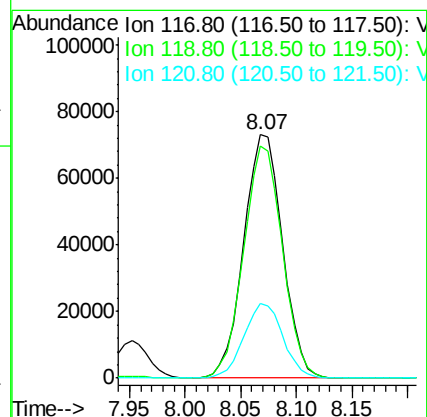
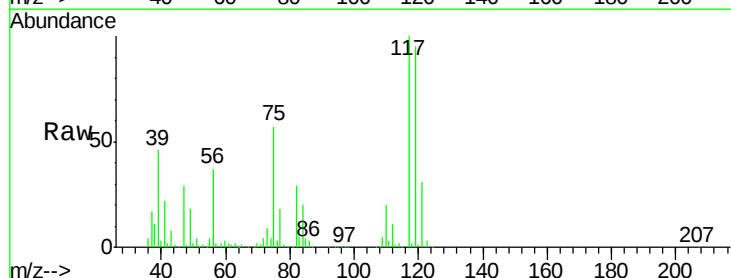
Tgt Ion: 117 Resp: 177604

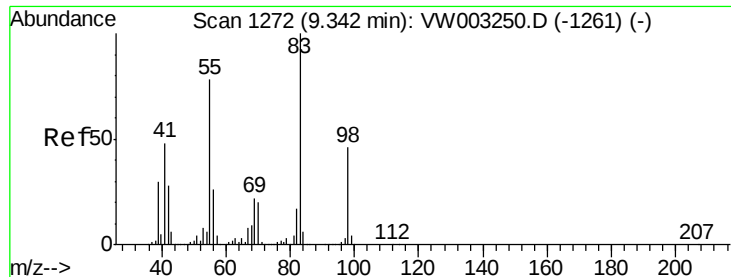
Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0

121 30.7 23.9 35.9

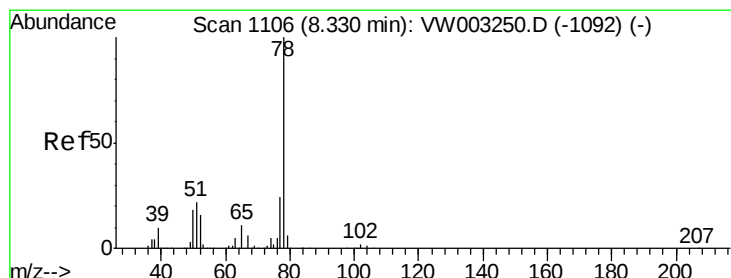
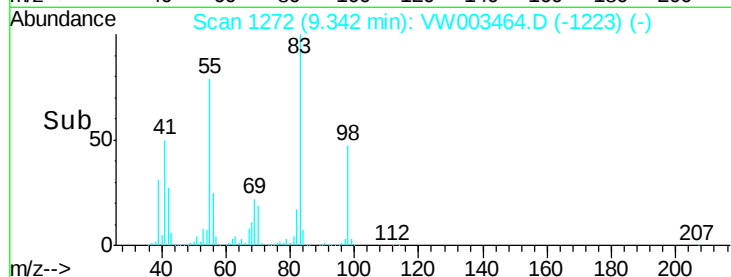
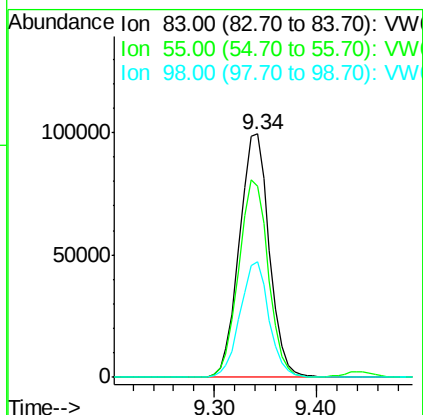
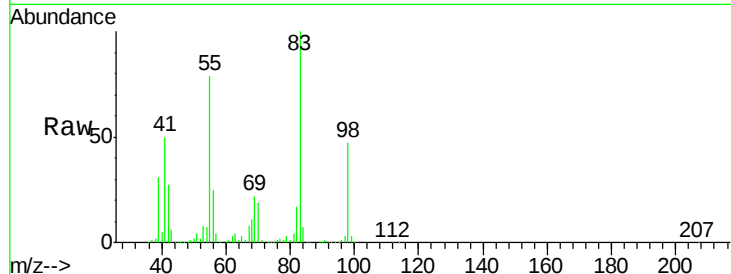




#39
Methylcyclohexane
Concen: 49.379 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

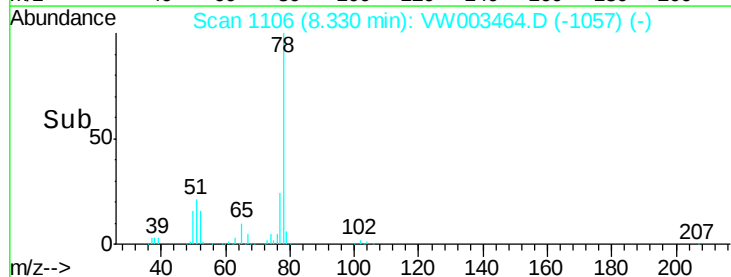
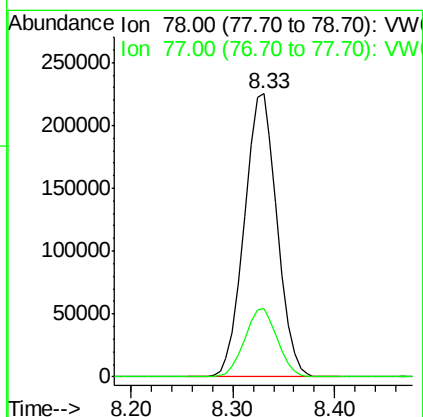
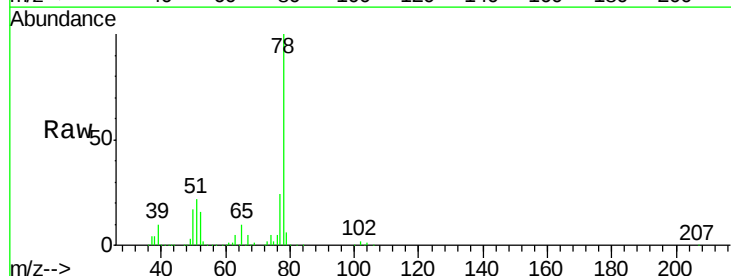
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tgt Ion: 83 Resp: 203288
Ion Ratio Lower Upper
83 100
55 78.7 62.6 93.8
98 47.3 37.0 55.4



#40
Benzene
Concen: 51.179 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion: 78 Resp: 501928
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

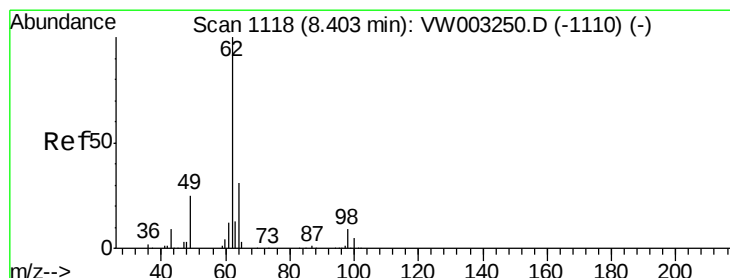
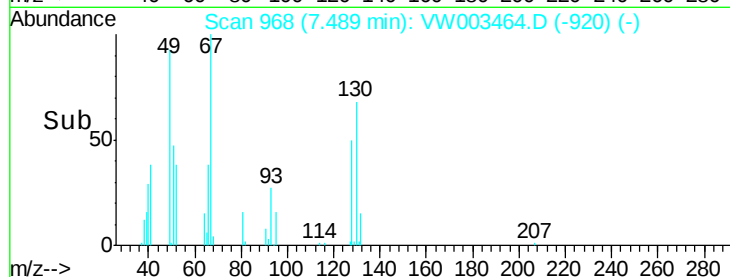
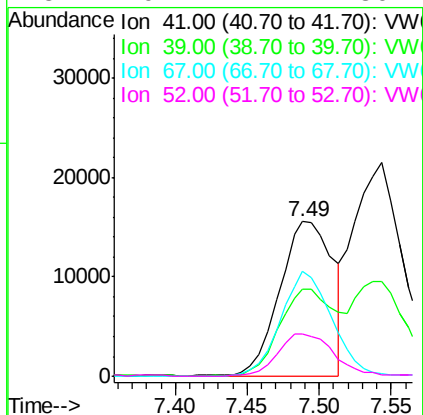
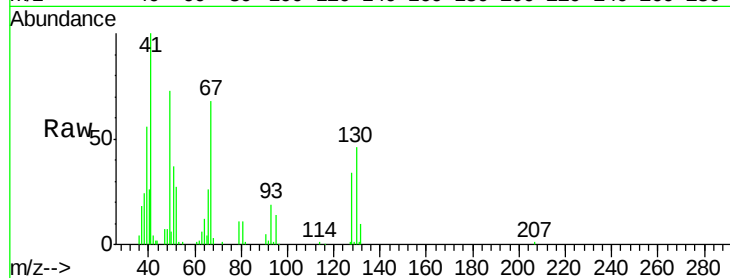




#41
Methacrylonitrile
Concen: 44.155 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

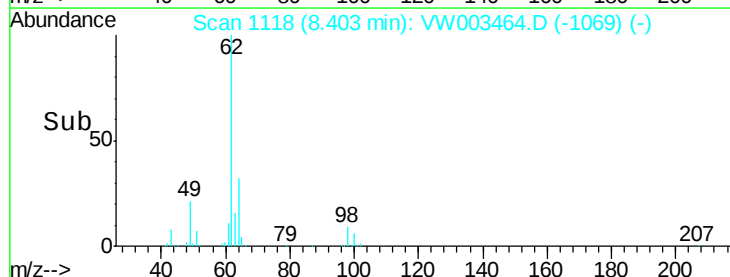
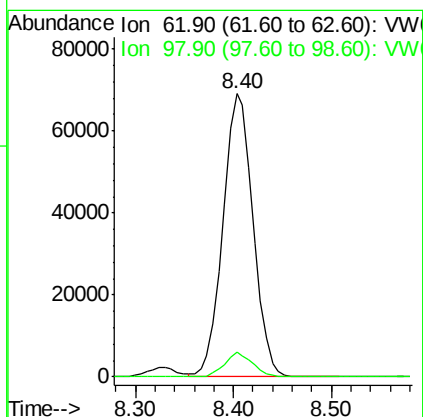
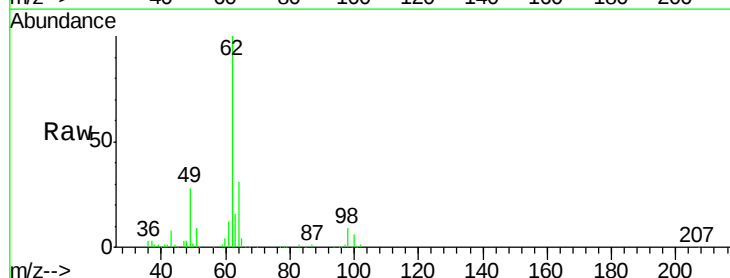
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

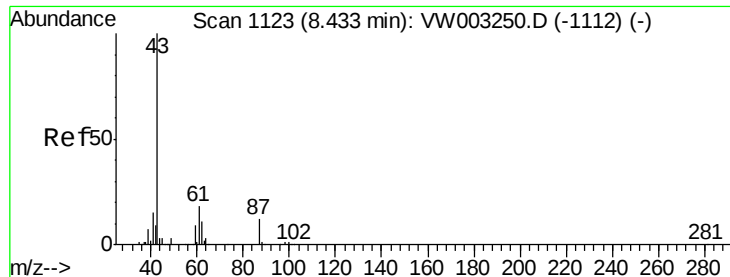
Tgt Ion:	41	Resp:	39939
Ion	Ratio	Lower	Upper
41	100		
39	62.8	45.8	68.8
67	65.6	52.3	78.5
52	29.4	24.1	36.1



#42
1,2-Dichloroethane
Concen: 47.929 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion:	62	Resp:	147271
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 40.696 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

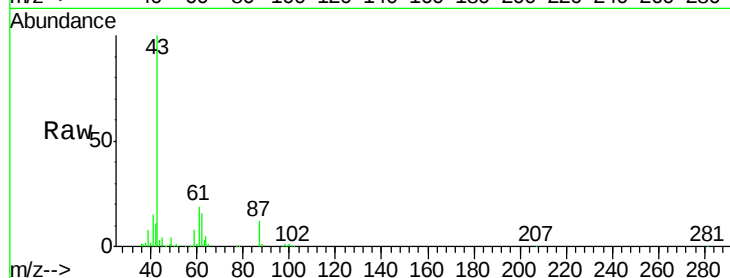
Tgt Ion: 43 Resp: 119109

Ion Ratio Lower Upper

43 100

61 31.5 23.1 34.7

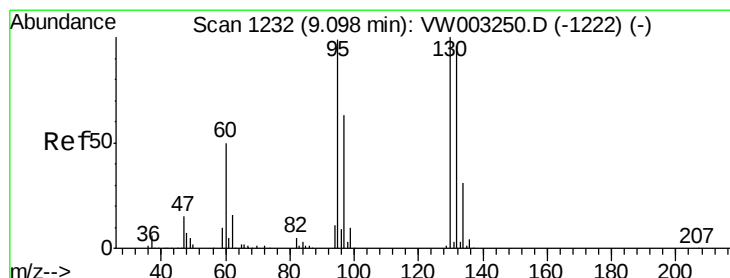
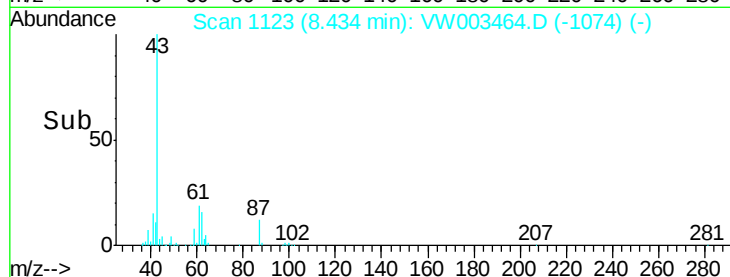
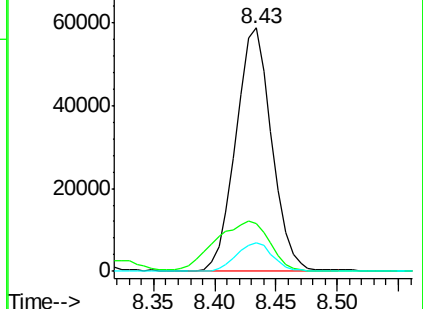
87 12.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.251 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003464.D

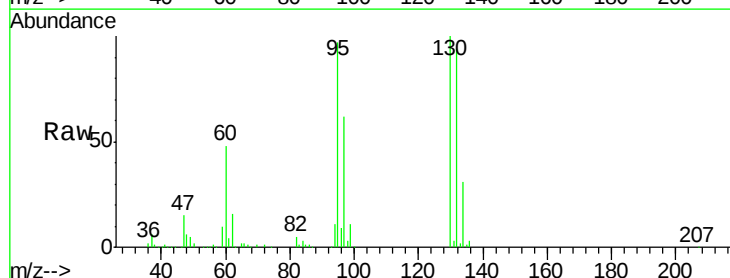
Acq: 23 Jun 2018 16:54

Tgt Ion: 130 Resp: 133189

Ion Ratio Lower Upper

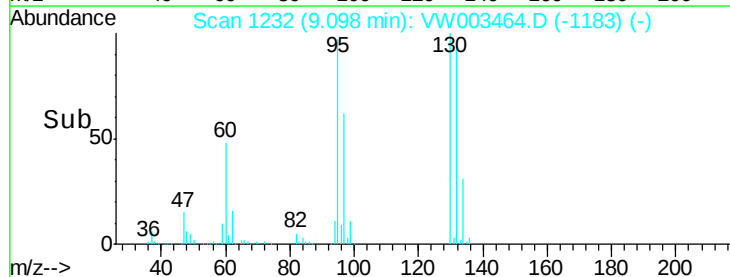
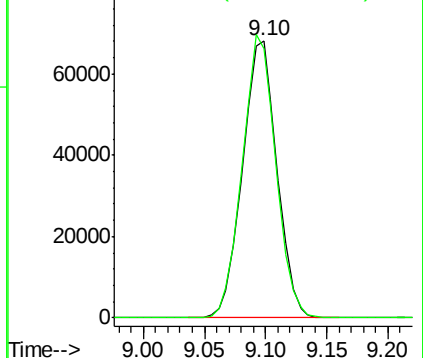
130 100

95 96.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 51.467 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

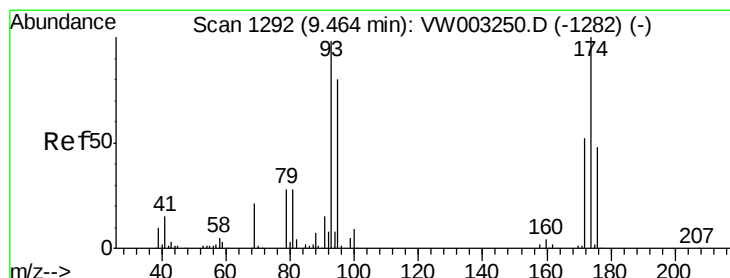
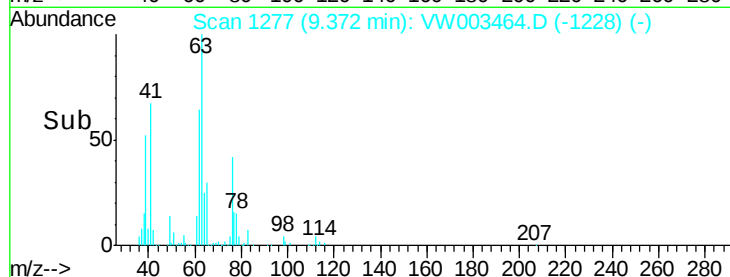
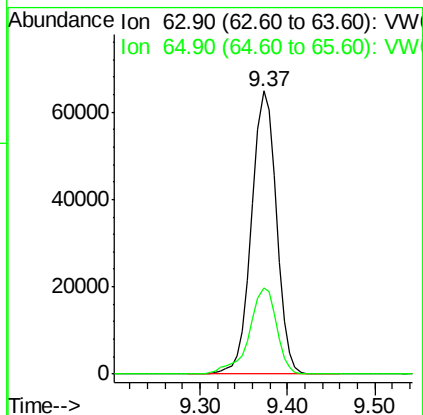
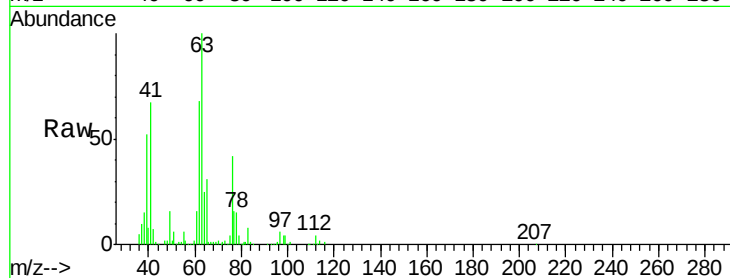
WP021SB476-25-27-180619MS

Tgt Ion: 63 Resp: 128518

Ion Ratio Lower Upper

63 100

65 30.5 25.1 37.7



#46

Dibromomethane

Concen: 47.466 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

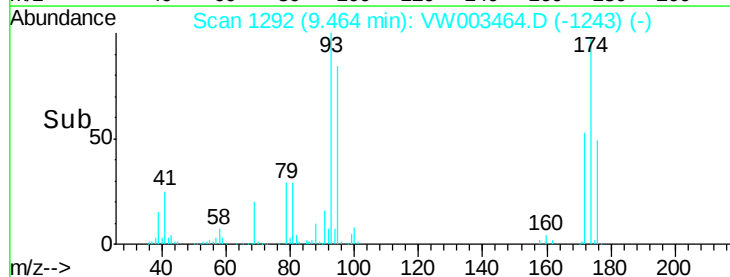
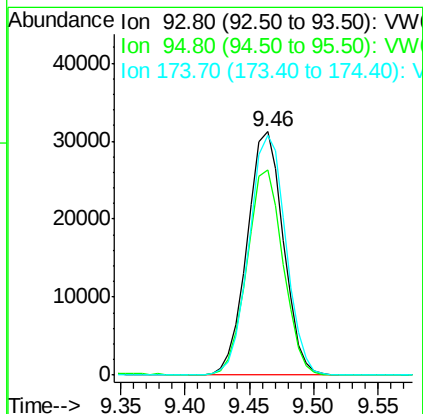
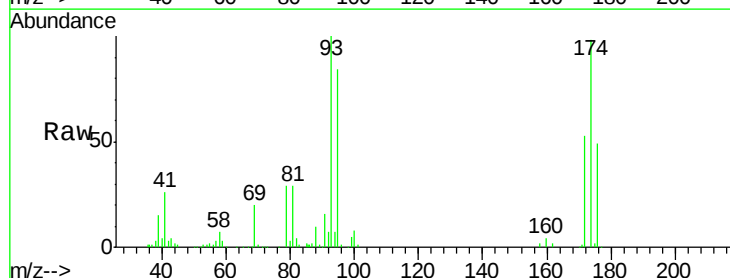
Tgt Ion: 93 Resp: 60684

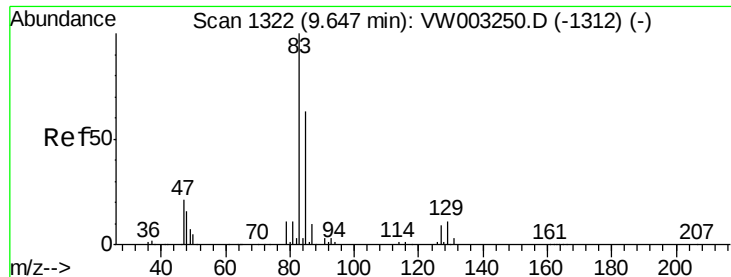
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 99.9 81.4 122.0





#47

Bromodichloromethane

Concen: 50.290 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

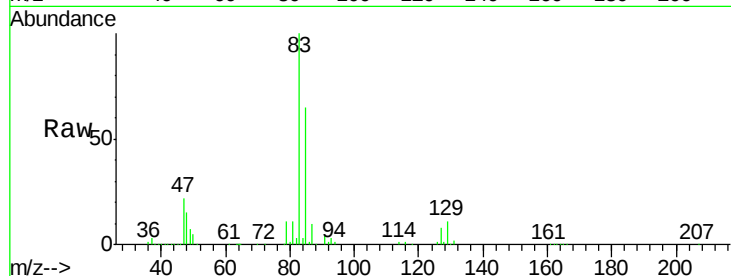
Tgt Ion: 83 Resp: 164803

Ion Ratio Lower Upper

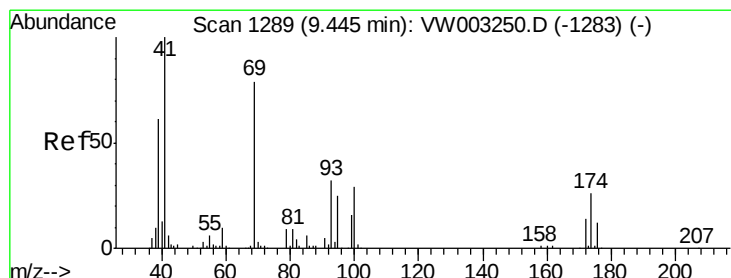
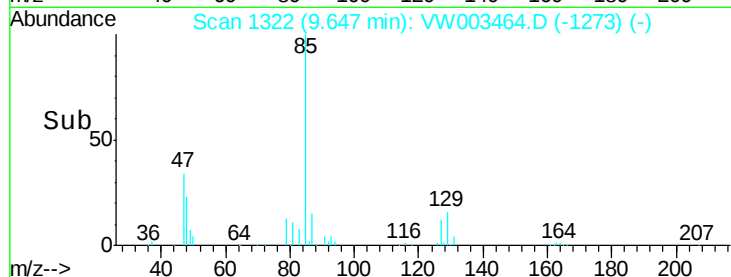
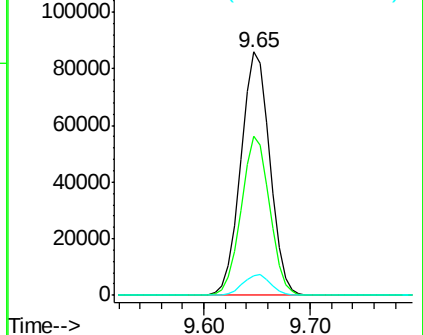
83 100

85 65.3 50.6 75.8

127 8.1 6.8 10.2



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



#48

Methyl methacrylate

Concen: 48.675 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

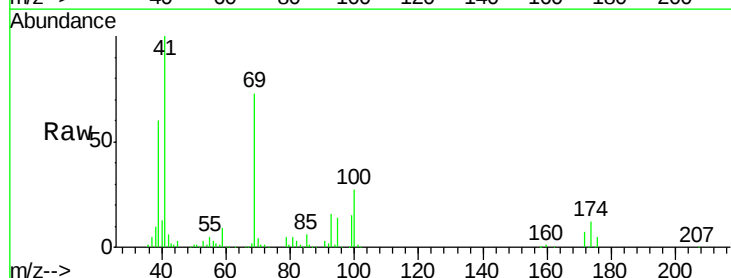
Tgt Ion: 41 Resp: 66950

Ion Ratio Lower Upper

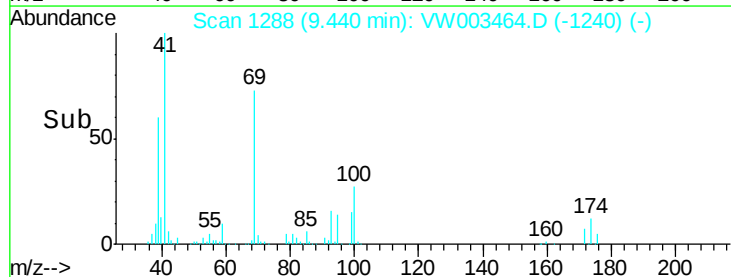
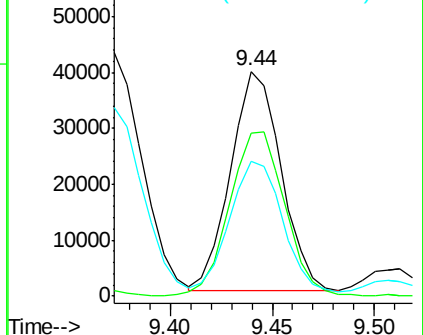
41 100

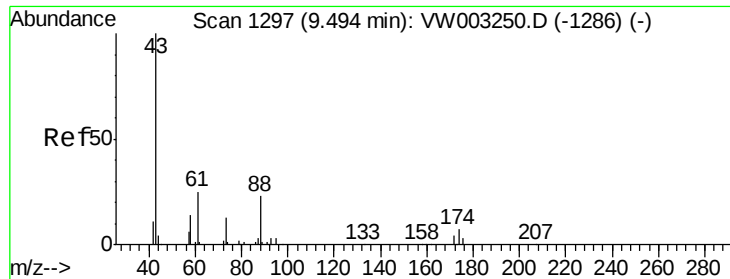
69 81.9 65.4 98.2

39 66.6 54.2 81.2



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

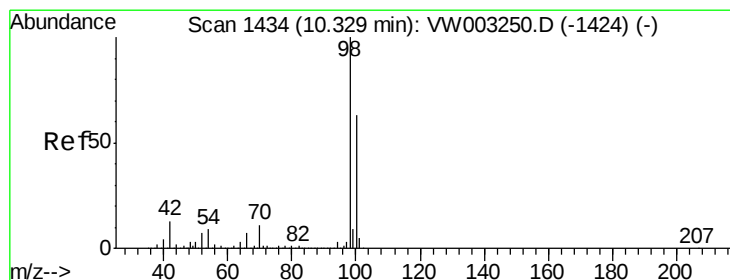
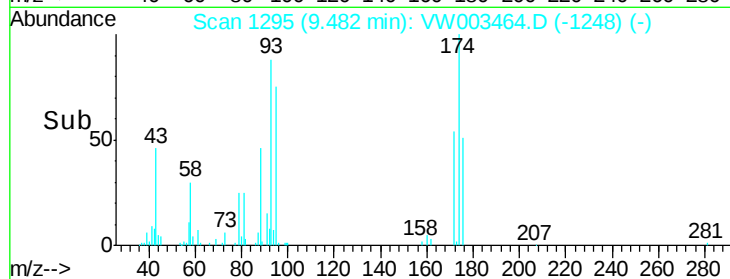
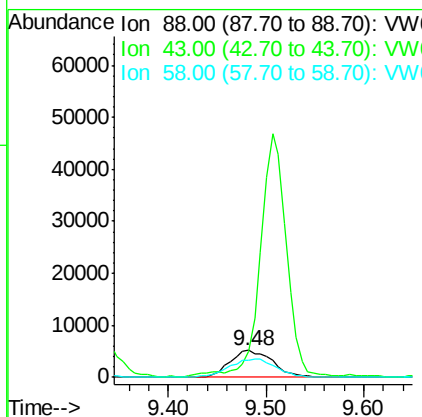
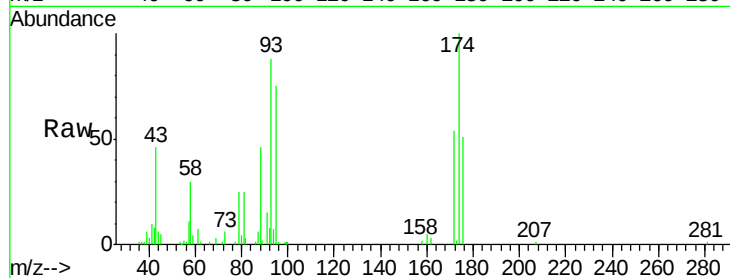




#49
 1,4-Dioxane
 Concen: 809.811 ug/l
 RT: 9.48 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

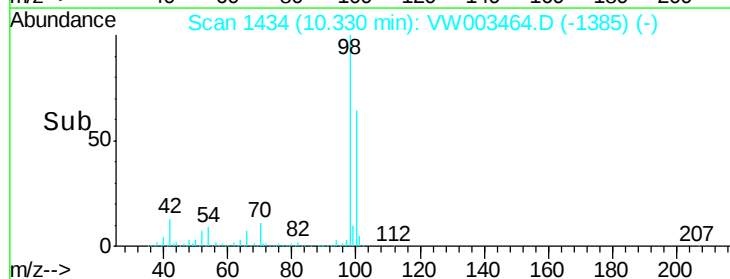
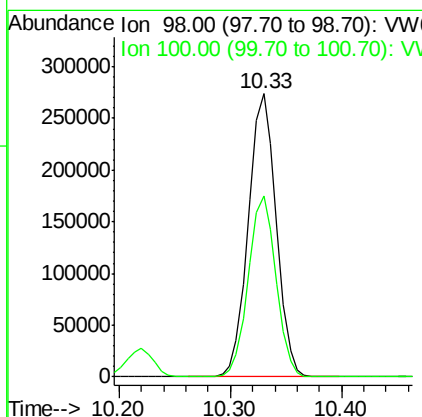
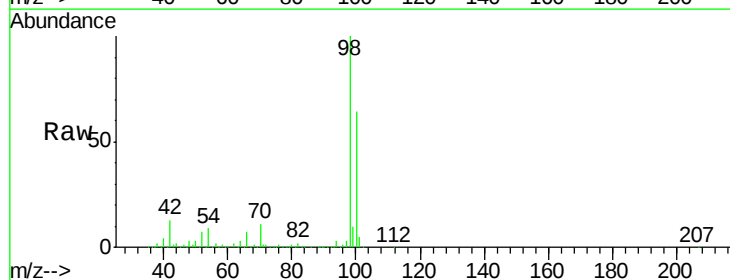
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

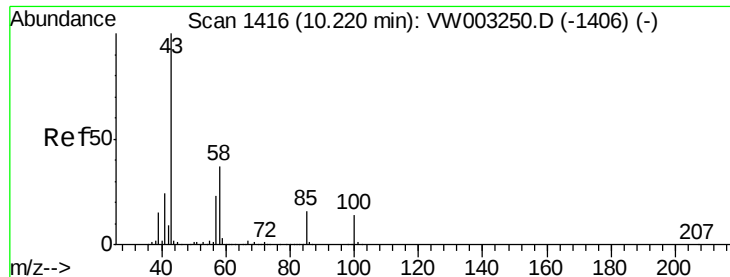
Tgt Ion: 88 Resp: 15632
 Ion Ratio Lower Upper
 88 100
 43 0.0 454.7 682.1#
 58 76.4 58.6 88.0



#50
 Toluene-d8
 Concen: 52.612 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 98 Resp: 477578
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.8 76.2

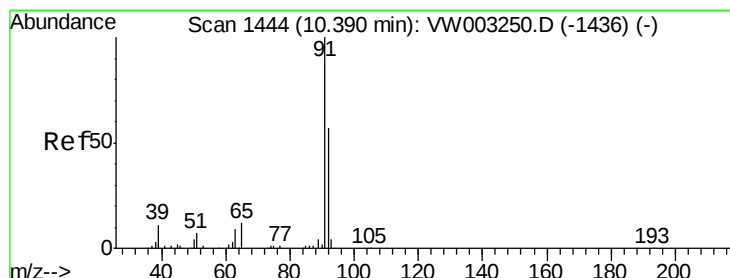
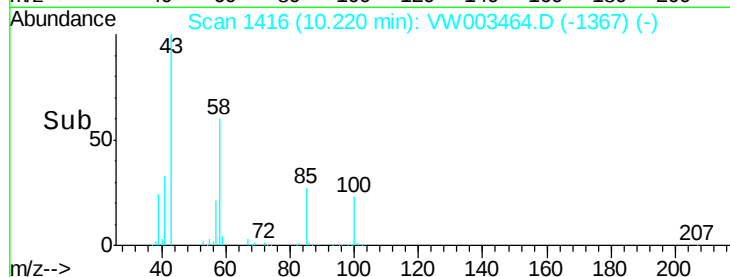
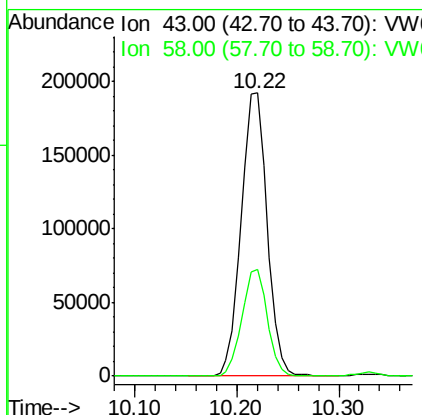
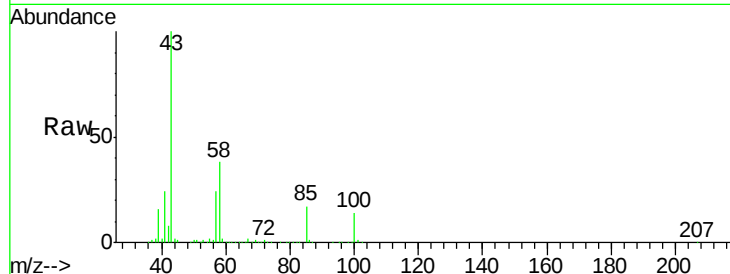




#51
 4-Methyl-2-Pentanone
 Concen: 228.158 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

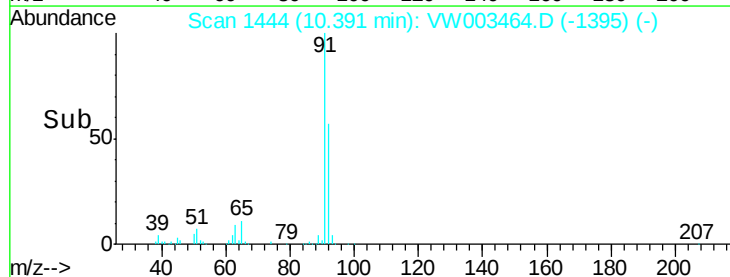
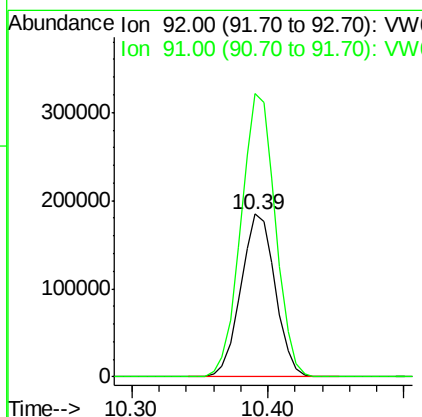
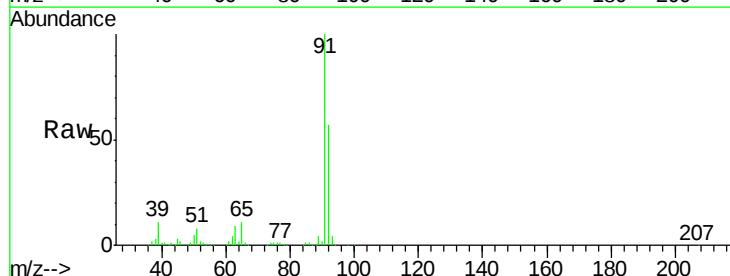
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

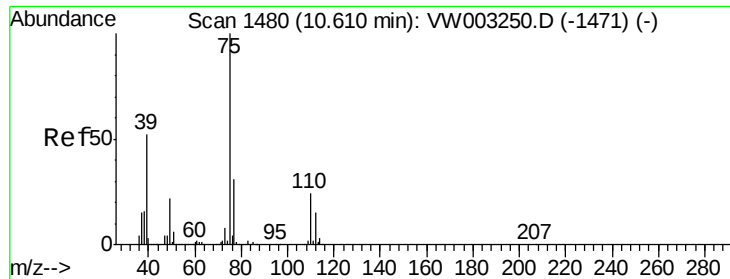
Tgt Ion: 43 Resp: 340266
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.0 43.4



#52
 Toluene
 Concen: 51.810 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 92 Resp: 325840
 Ion Ratio Lower Upper
 92 100
 91 174.0 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 47.849 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

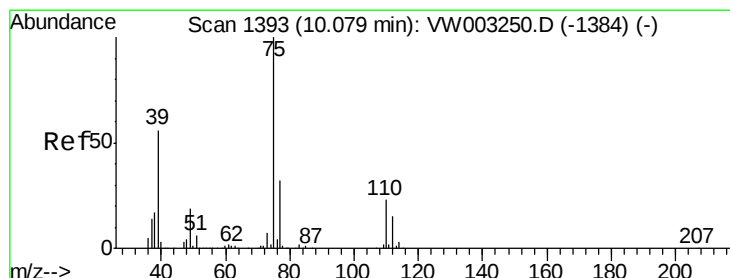
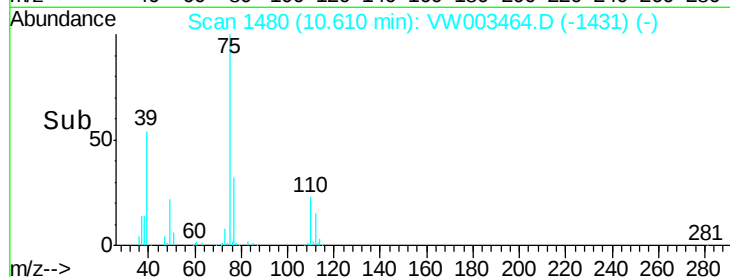
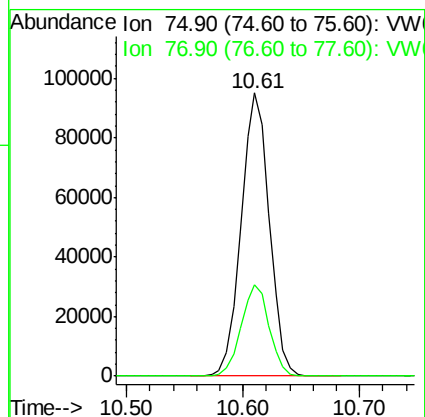
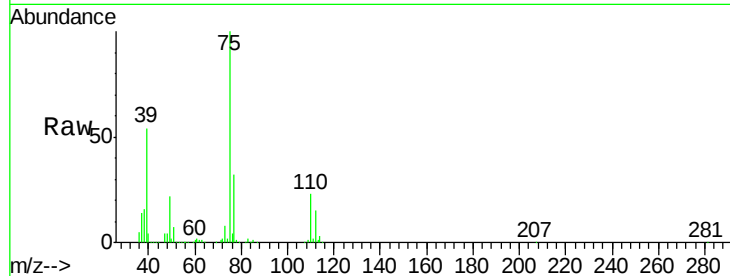
WP021SB476-25-27-180619MS

Tgt Ion: 75 Resp: 160177

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 49.075 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

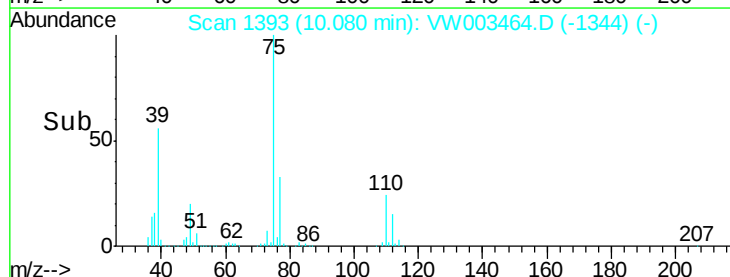
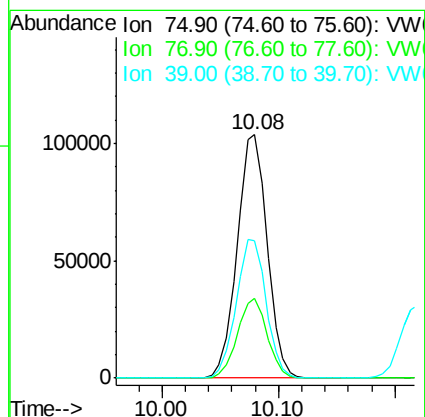
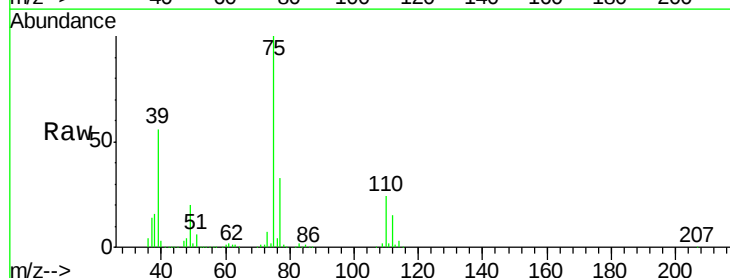
Tgt Ion: 75 Resp: 186976

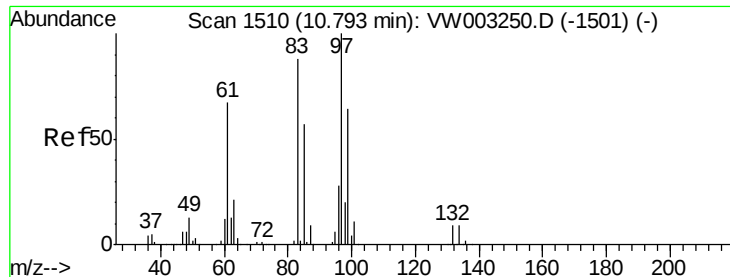
Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.6

39 56.1 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 47.581 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tgt Ion: 97 Resp: 85718

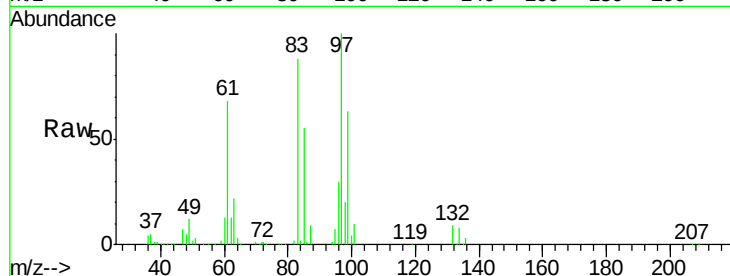
Ion Ratio Lower Upper

97 100

83 87.7 70.2 105.2

85 55.5 45.6 68.4

99 63.3 51.2 76.8

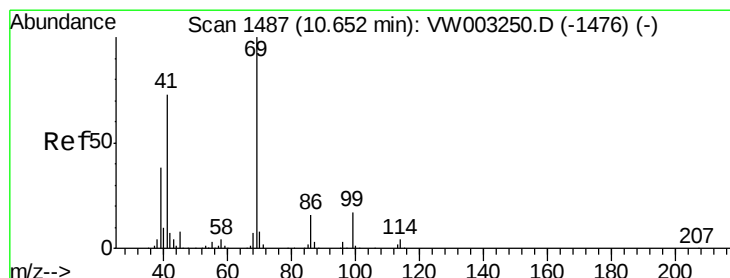
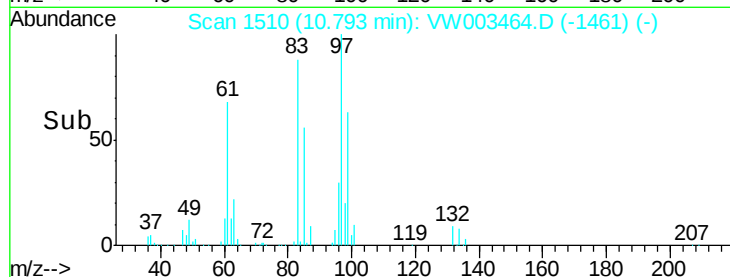
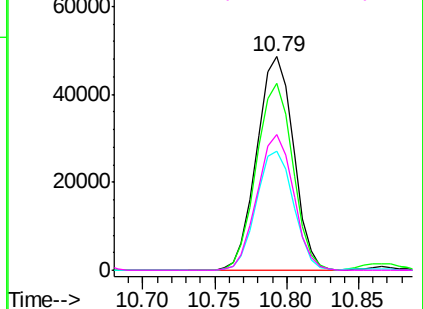


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 42.912 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

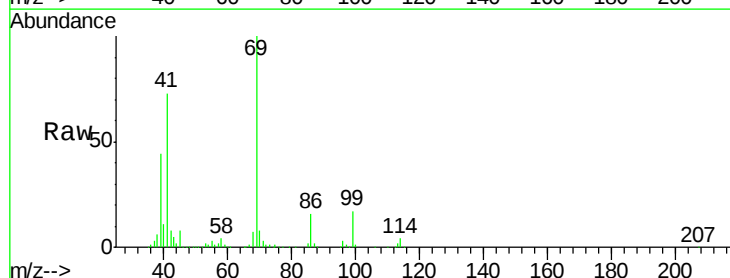
Tgt Ion: 69 Resp: 93876

Ion Ratio Lower Upper

69 100

41 74.2 57.8 86.6

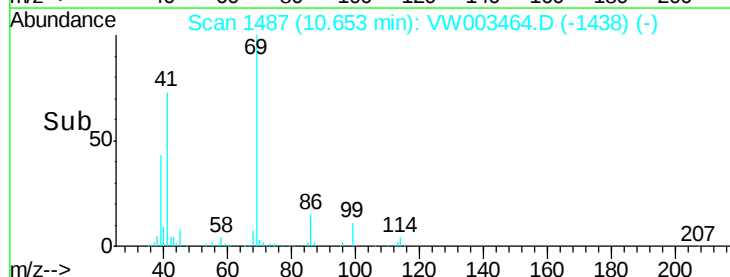
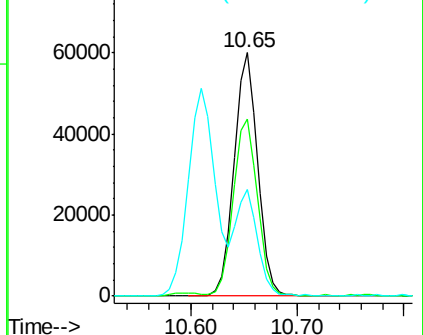
39 39.6 32.7 49.1



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

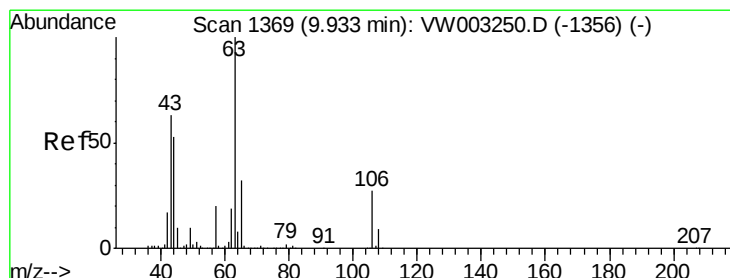
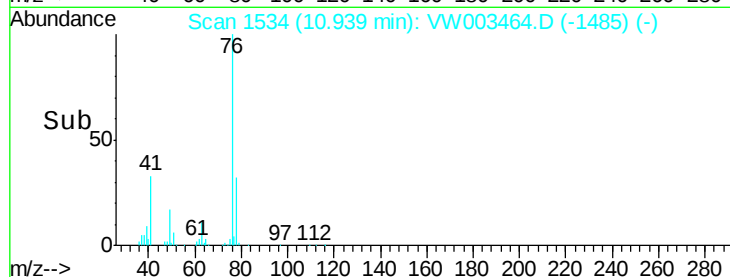
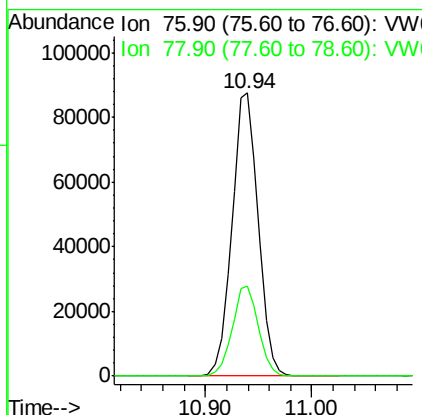
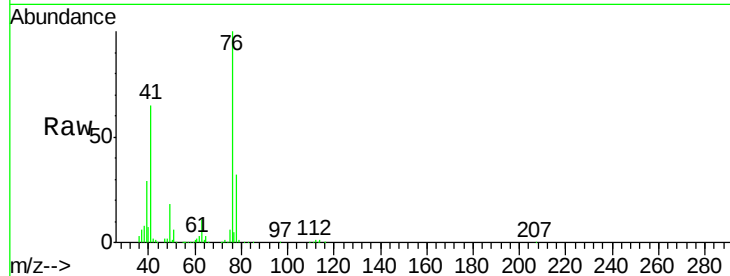




#57
 1,3-Dichloropropane
 Concen: 48.536 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

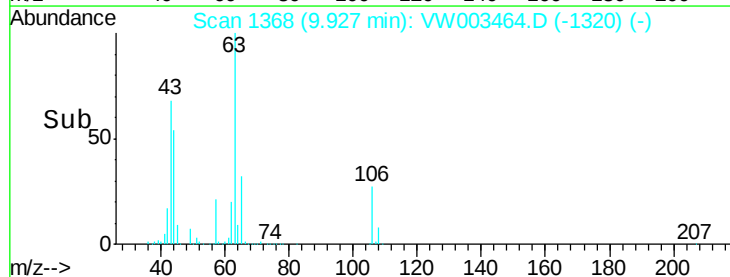
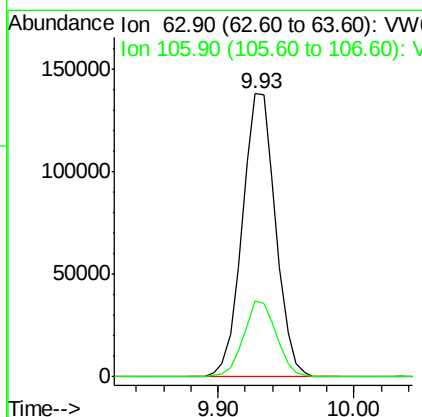
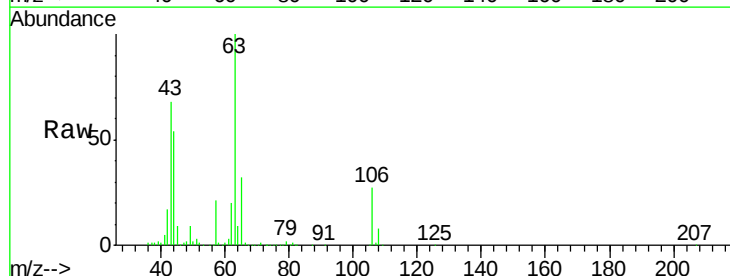
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

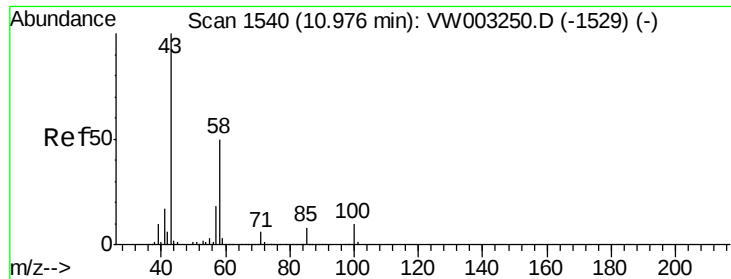
Tgt Ion: 76 Resp: 150805
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.714 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 63 Resp: 236063
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8

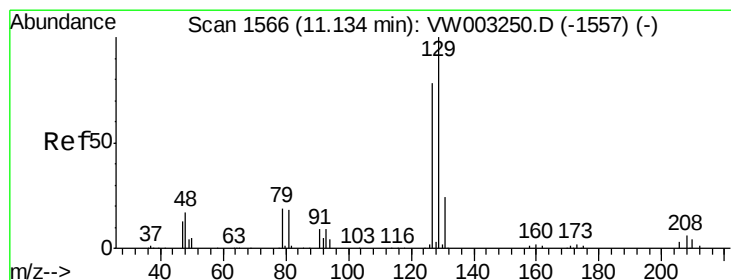
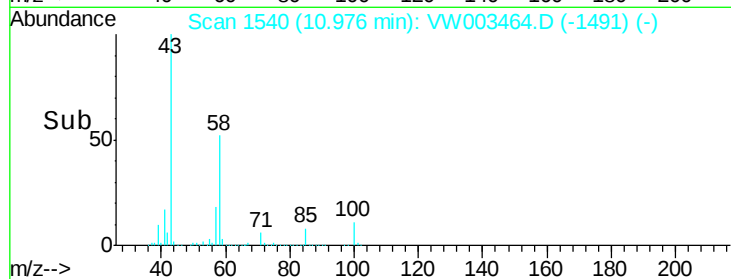
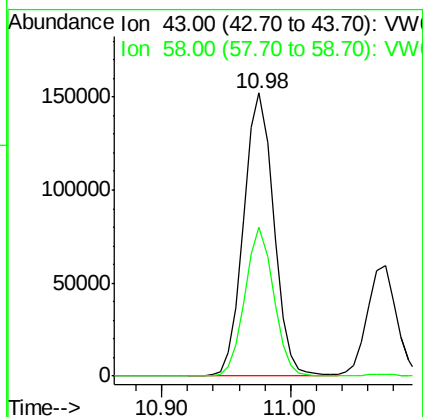
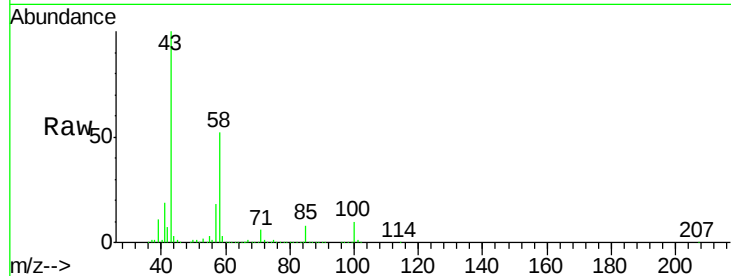




#59
2-Hexanone
Concen: 236.409 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

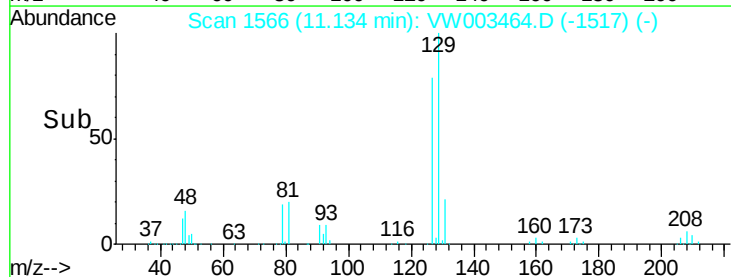
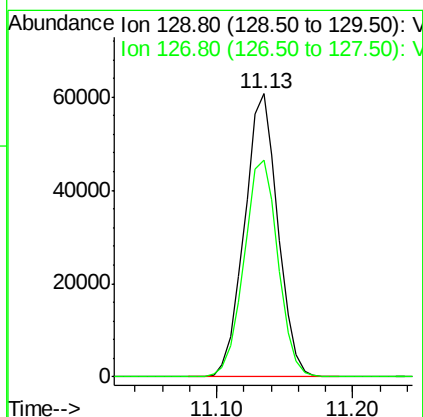
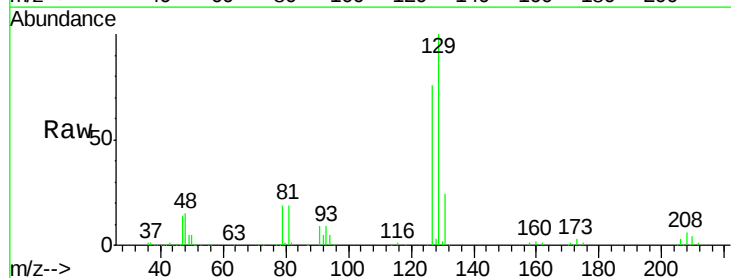
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

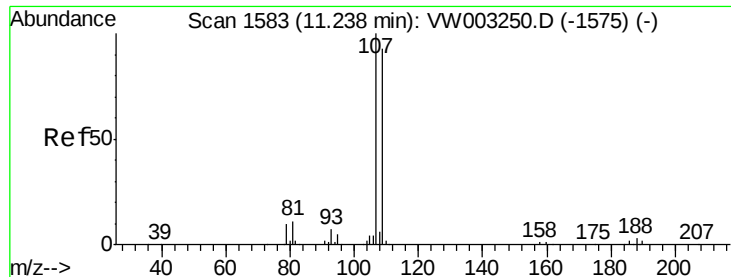
Tgt Ion: 43 Resp: 246302
Ion Ratio Lower Upper
43 100
58 49.9 25.0 75.0



#60
Dibromochloromethane
Concen: 48.716 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion: 129 Resp: 104370
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5

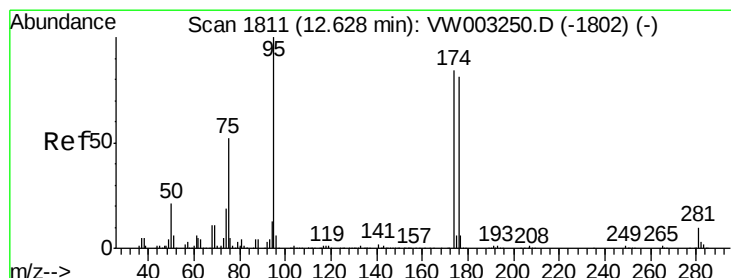
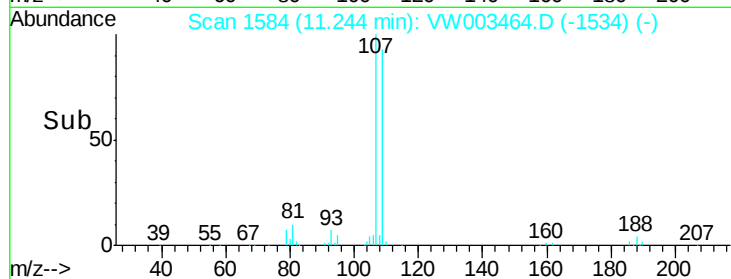
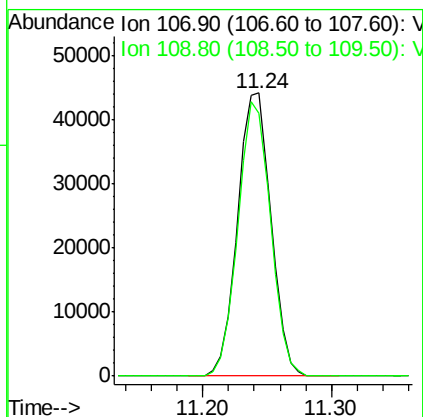
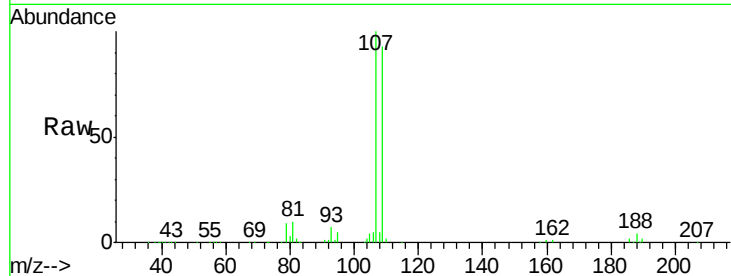




#61
 1,2-Dibromoethane
 Concen: 46.483 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

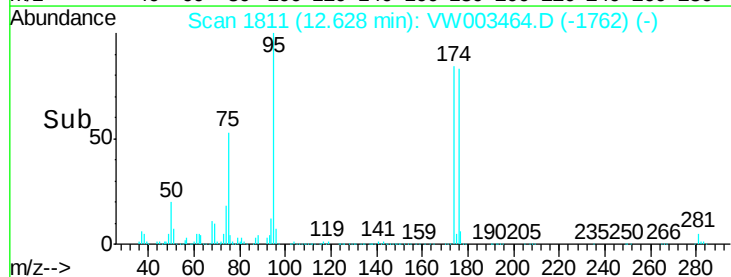
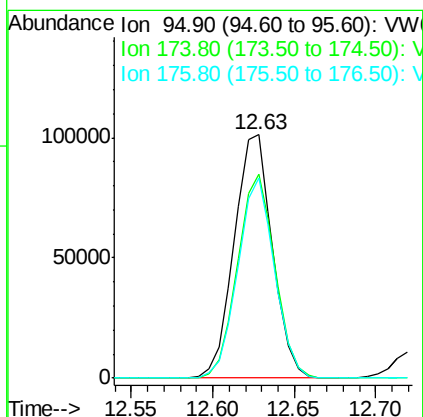
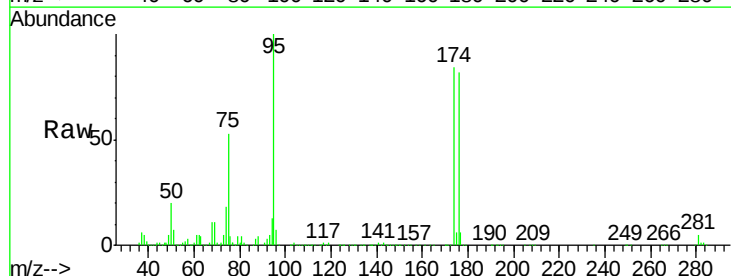
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

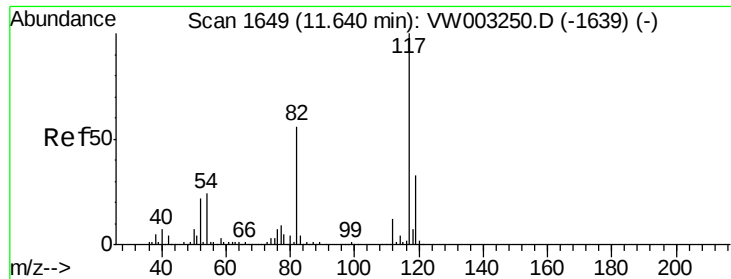
Tgt Ion: 107 Resp: 79211
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 51.064 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 95 Resp: 164039
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 166.4
 176 79.6 0.0 162.0

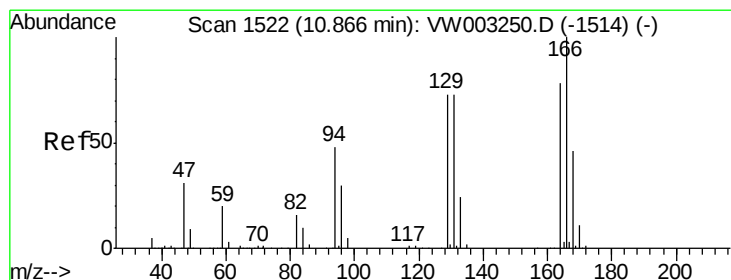
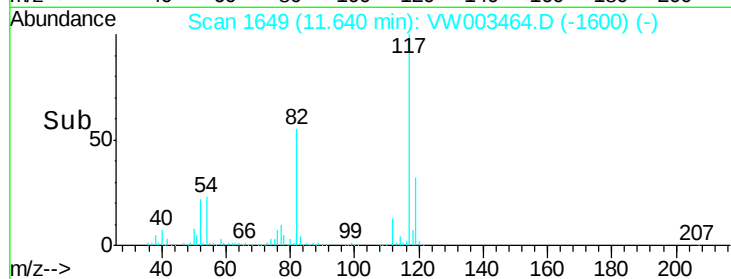
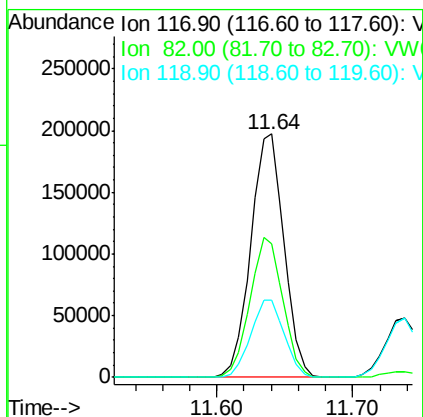
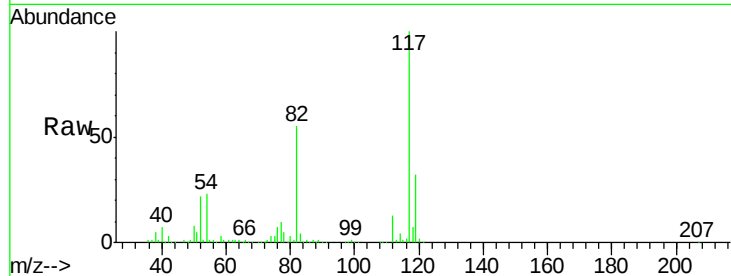




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

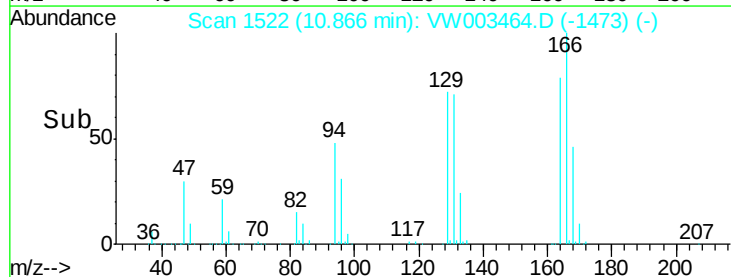
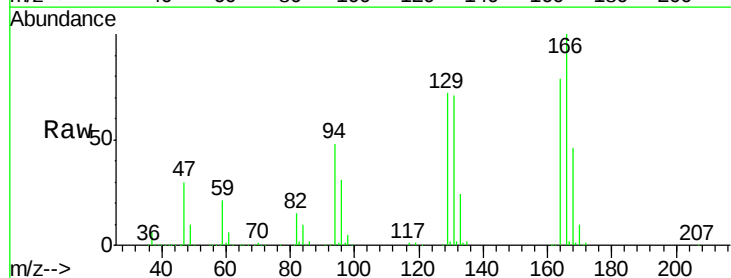
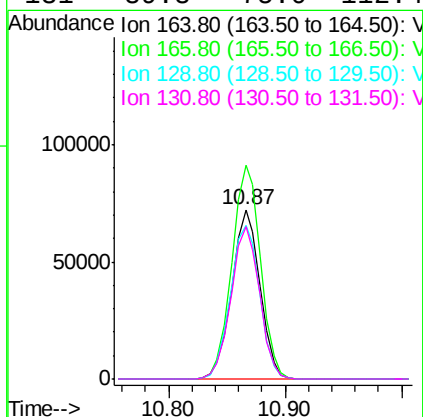
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

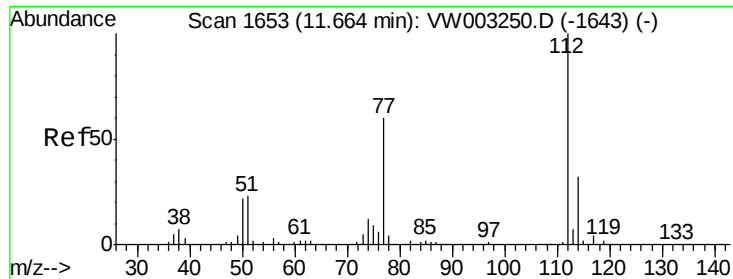
Tgt Ion:117 Resp: 337516
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.0 26.7 40.1



#64
Tetrachloroethene
Concen: 53.900 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion:164 Resp: 121678
Ion Ratio Lower Upper
164 100
166 126.2 102.6 154.0
129 90.8 75.2 112.8
131 89.8 75.0 112.4

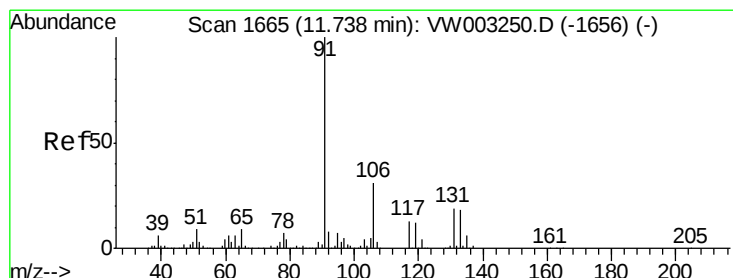
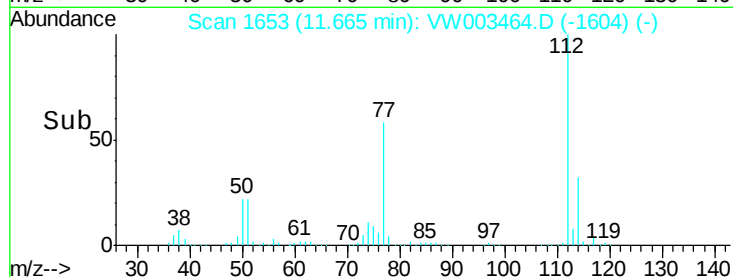
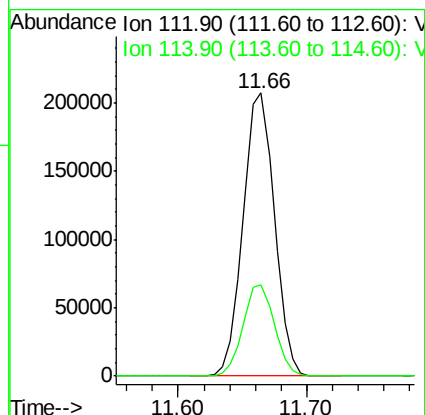
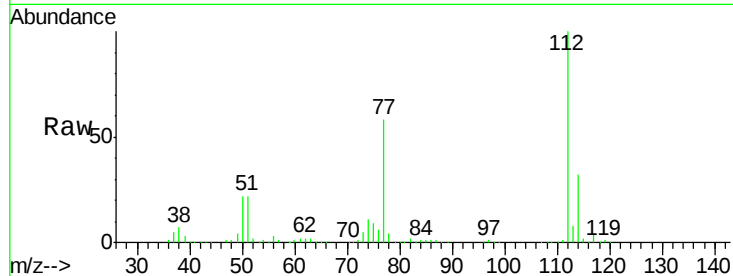




#65
Chlorobenzene
Concen: 49.657 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

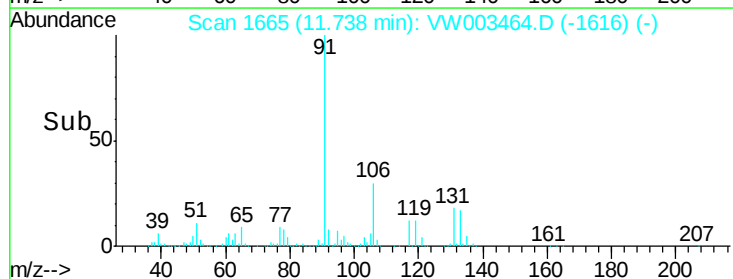
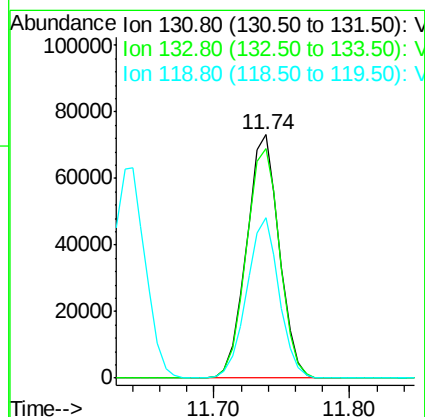
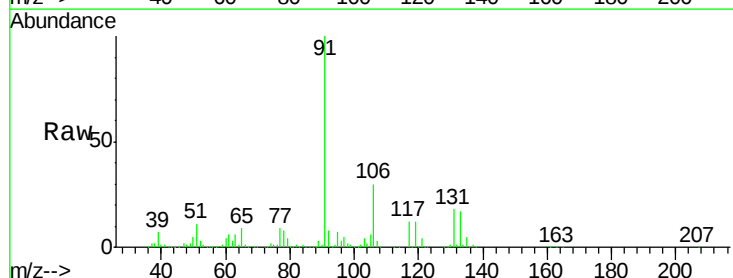
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

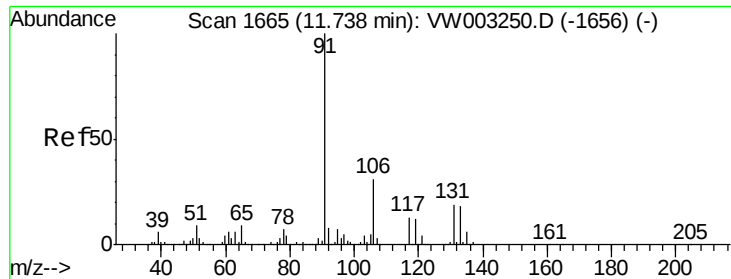
Tgt Ion:112 Resp: 349017
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.747 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion:131 Resp: 122872
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 65.2 32.5 97.4

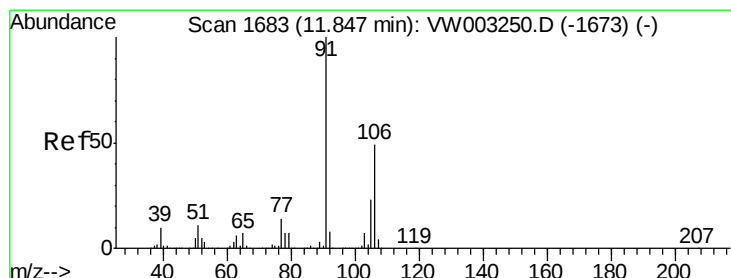
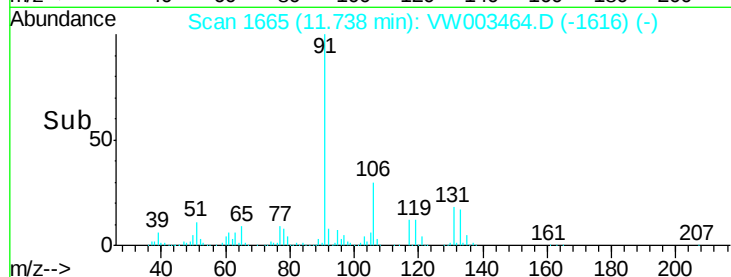
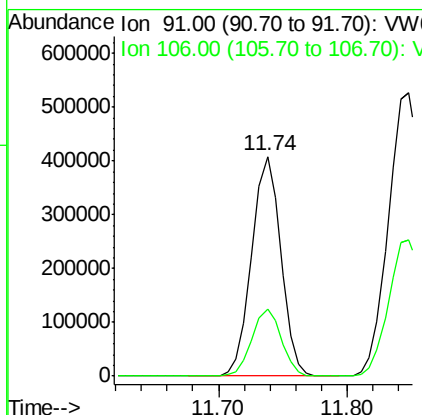
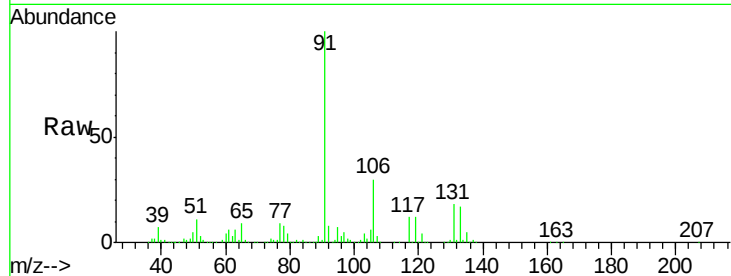




#67
Ethyl Benzene
Concen: 51.209 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

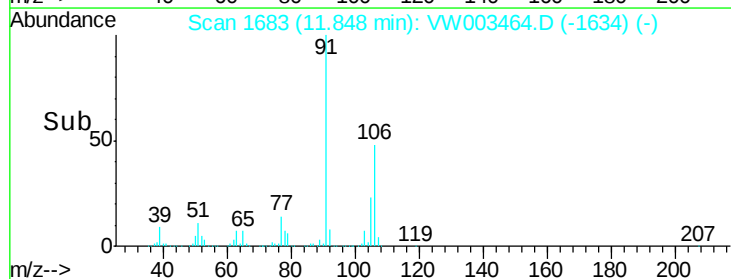
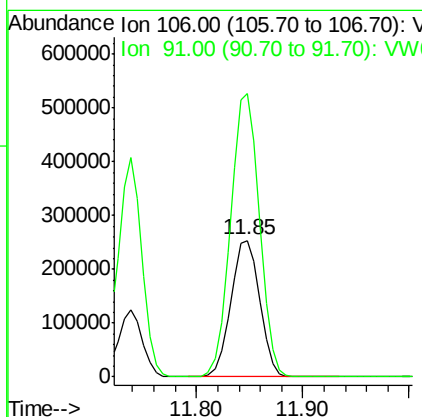
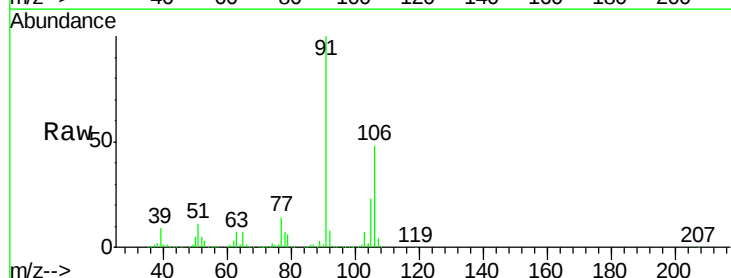
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

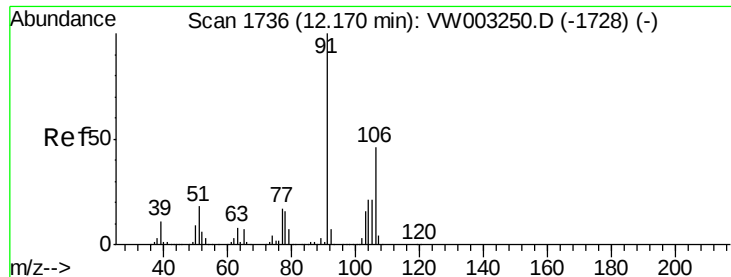
Tgt Ion: 91 Resp: 638003
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 102.024 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion: 106 Resp: 483194
Ion Ratio Lower Upper
106 100
91 206.5 165.4 248.0

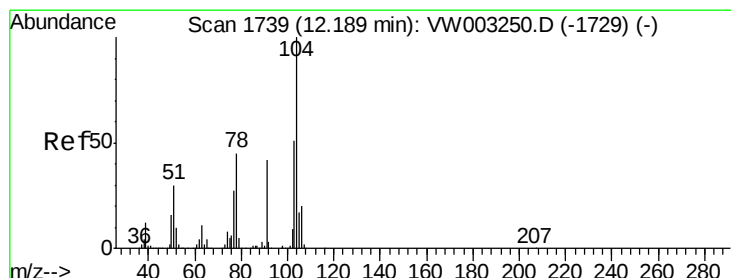
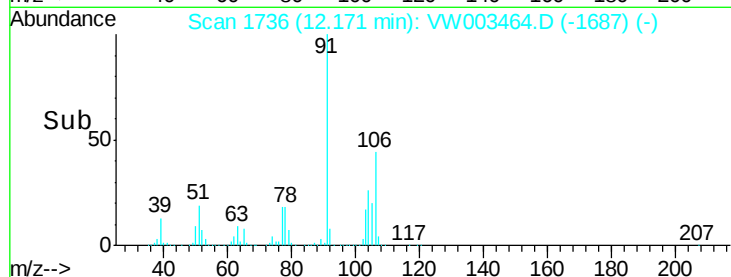
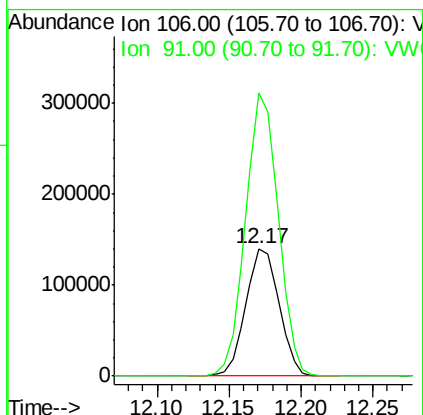
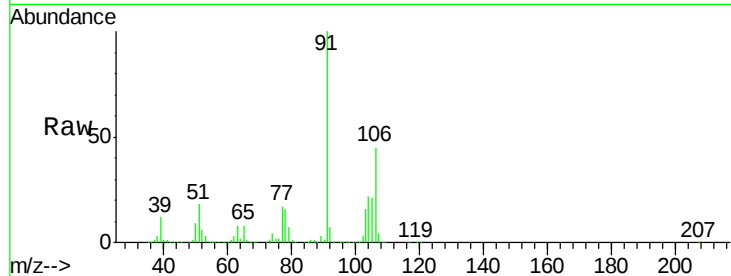




#69
o-Xylene
Concen: 51.350 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

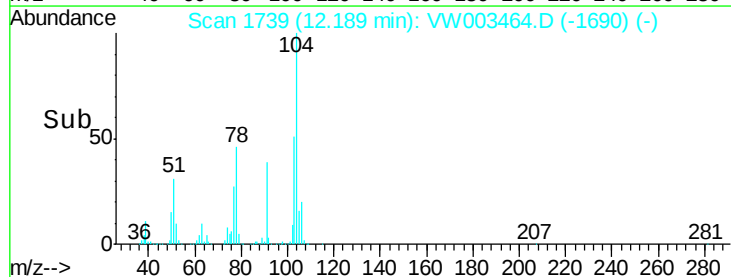
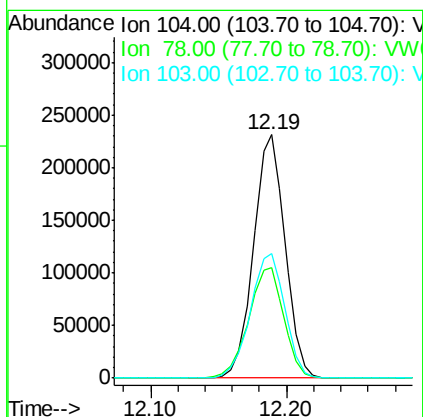
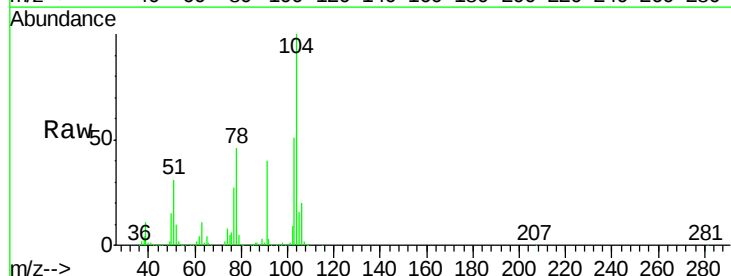
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

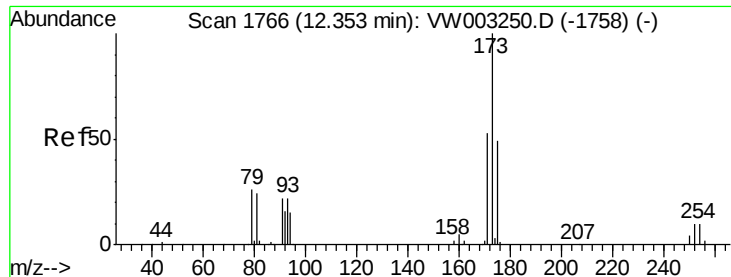
Tgt Ion:106 Resp: 225390
Ion Ratio Lower Upper
106 100
91 217.5 108.6 325.6



#70
Styrene
Concen: 51.455 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion:104 Resp: 375927
Ion Ratio Lower Upper
104 100
78 50.8 41.3 61.9
103 56.0 45.0 67.4





#71

Bromoform

Concen: 46.284 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

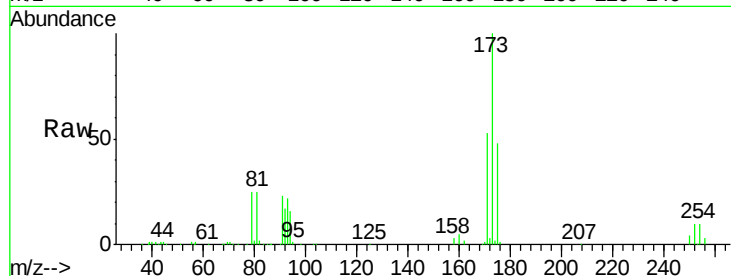
Tgt Ion:173 Resp: 59247

Ion Ratio Lower Upper

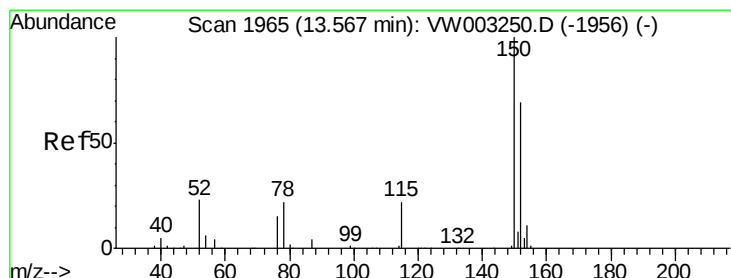
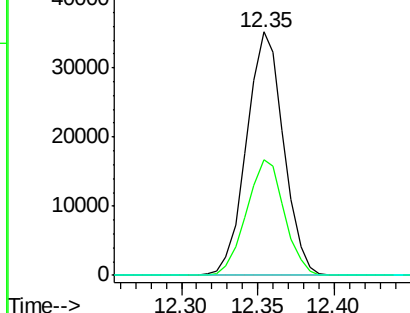
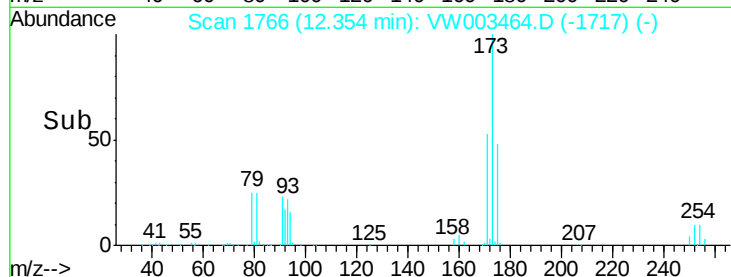
173 100

175 48.5 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: VW003464.D

Acq: 23 Jun 2018 16:54

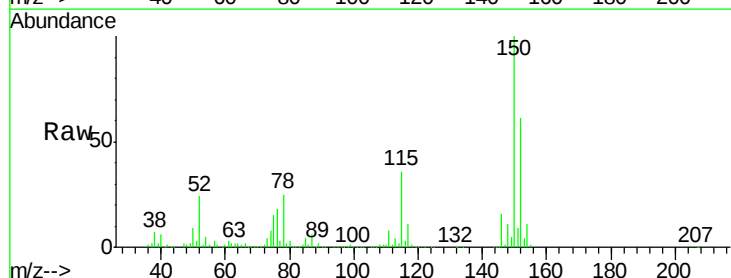
Tgt Ion:152 Resp: 176564

Ion Ratio Lower Upper

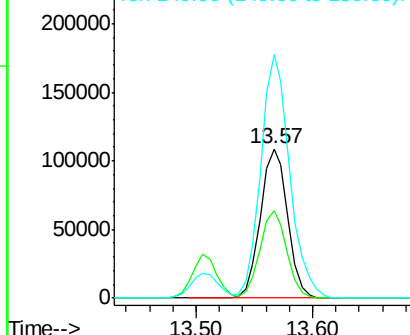
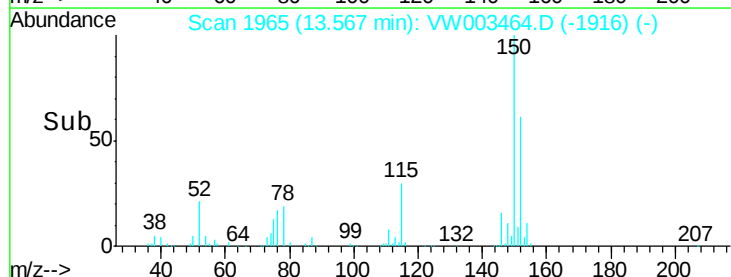
152 100

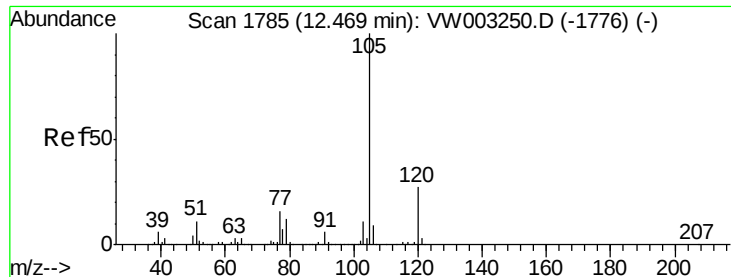
115 57.5 29.3 88.0

150 173.7 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: 51.931 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

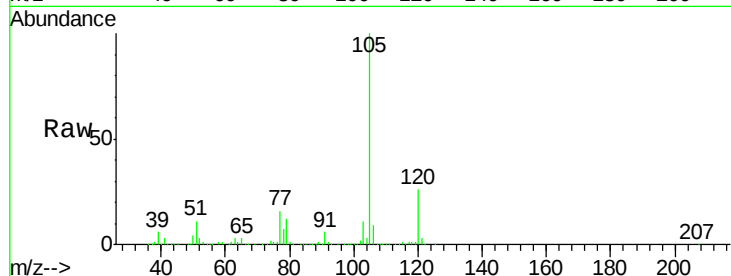
WP021SB476-25-27-180619MS

Tgt Ion:105 Resp: 637747

Ion Ratio Lower Upper

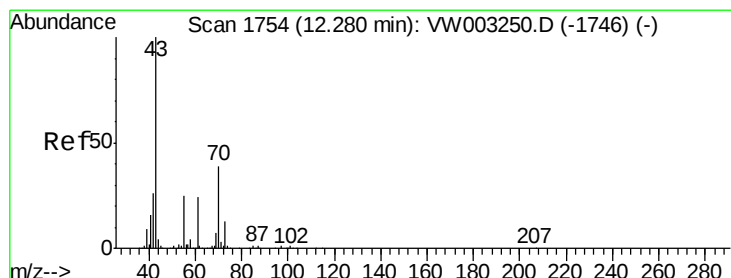
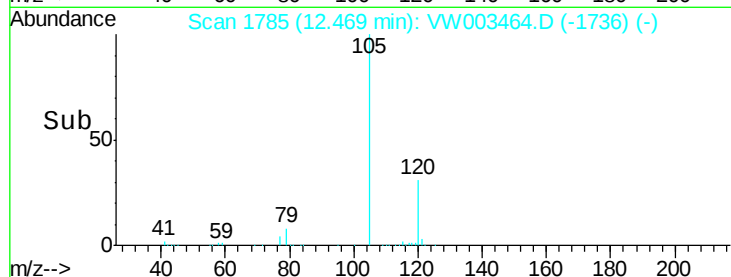
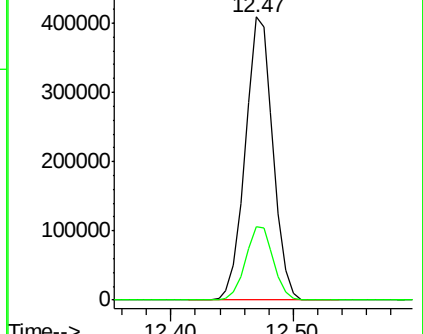
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 35.706 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion: 43 Resp: 99808

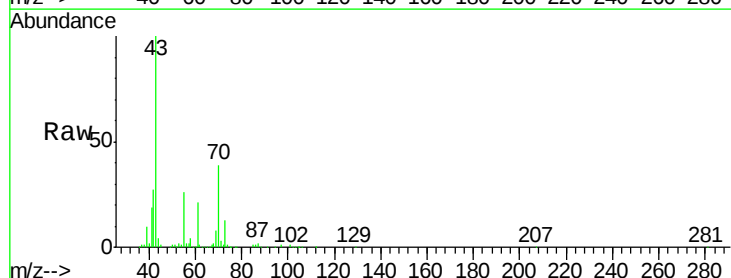
Ion Ratio Lower Upper

43 100

70 39.5 31.0 46.6

55 26.3 19.7 29.5

61 22.0 18.1 27.1

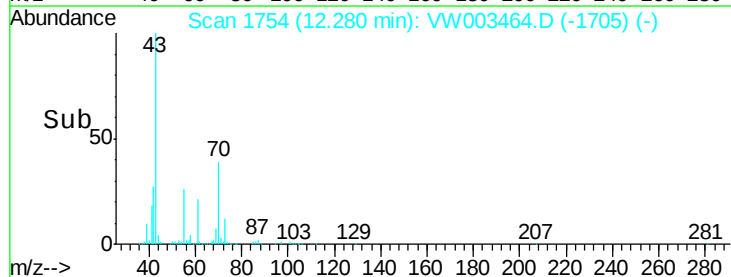
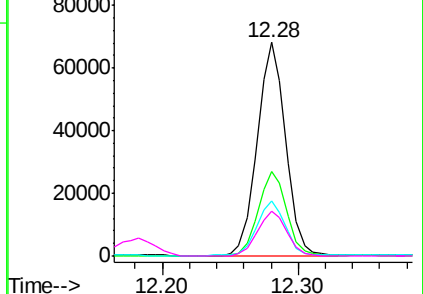


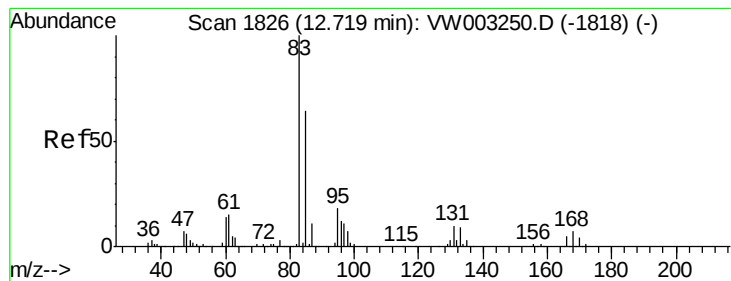
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 47.375 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

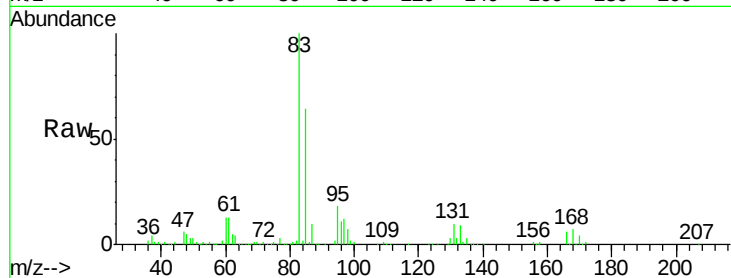
Tgt Ion: 83 Resp: 98428

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

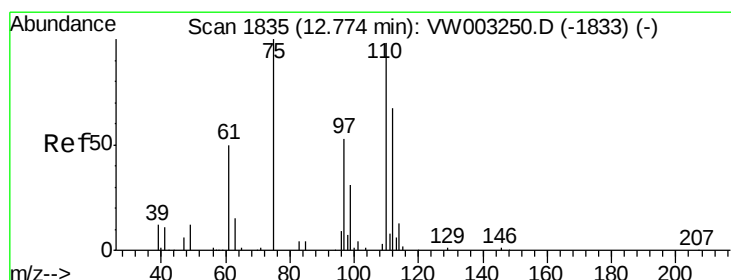
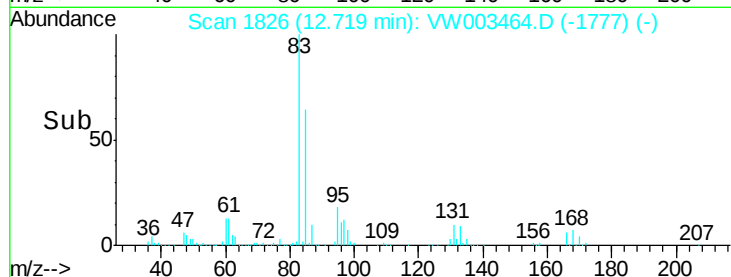
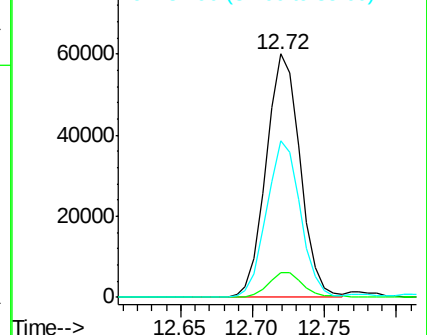
85 63.8 31.9 95.7



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: 87.368 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003464.D

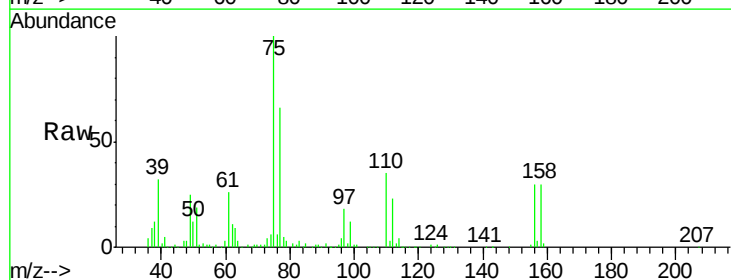
Acq: 23 Jun 2018 16:54

Tgt Ion: 75 Resp: 131875

Ion Ratio Lower Upper

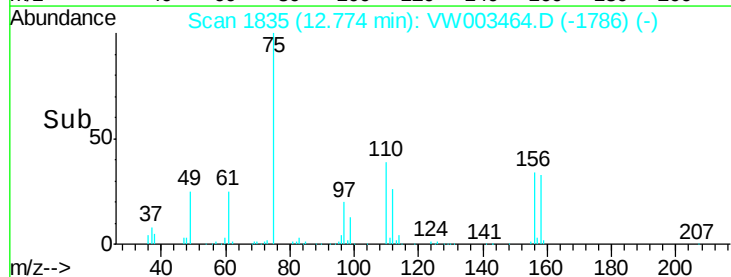
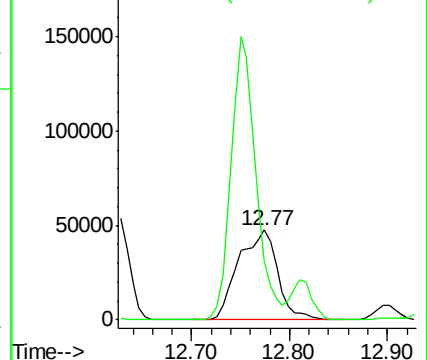
75 100

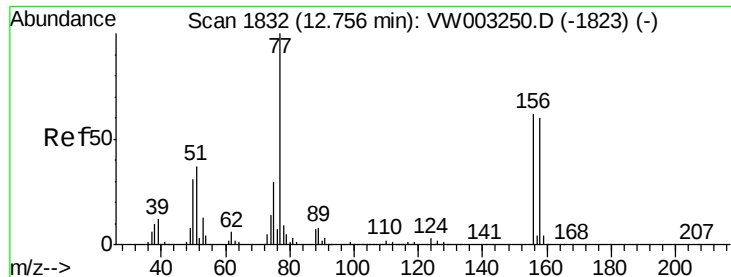
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.527 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

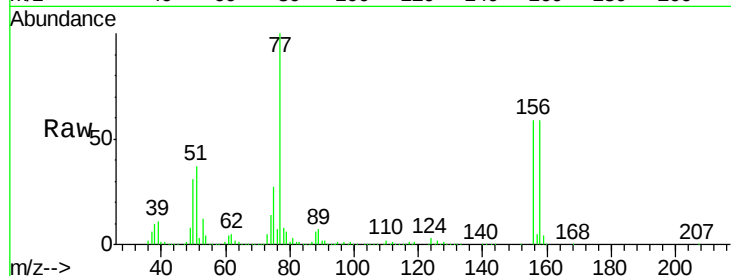
Tgt Ion: 156 Resp: 141650

Ion Ratio Lower Upper

156 100

77 186.5 92.3 276.9

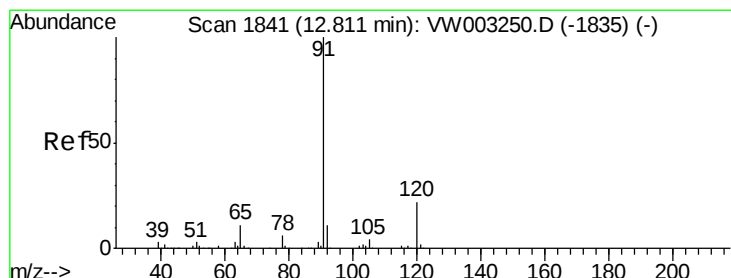
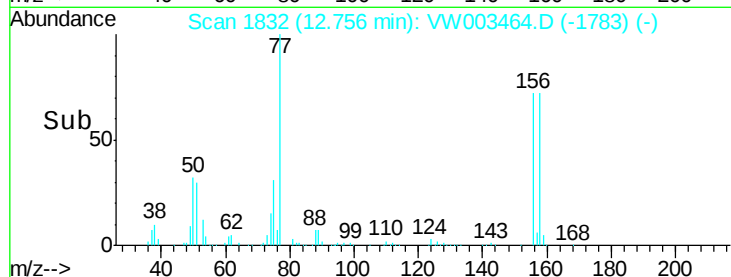
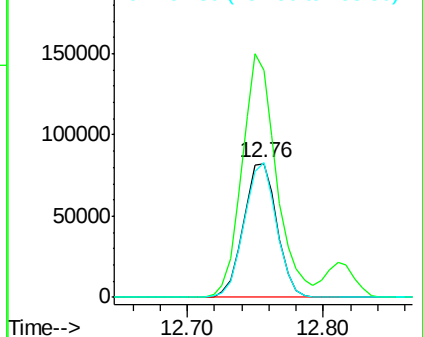
158 96.6 47.5 142.6



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: 51.871 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003464.D

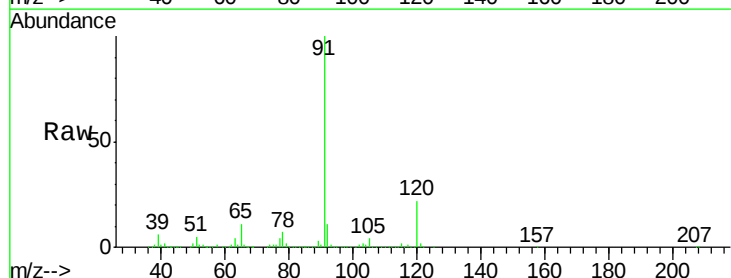
Acq: 23 Jun 2018 16:54

Tgt Ion: 91 Resp: 780010

Ion Ratio Lower Upper

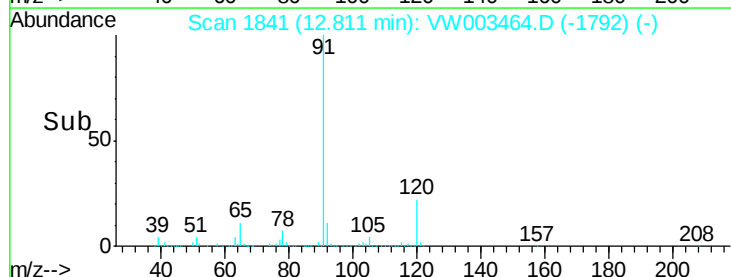
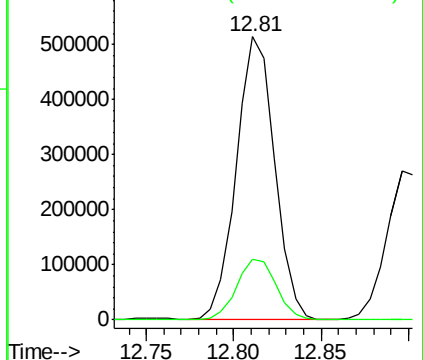
91 100

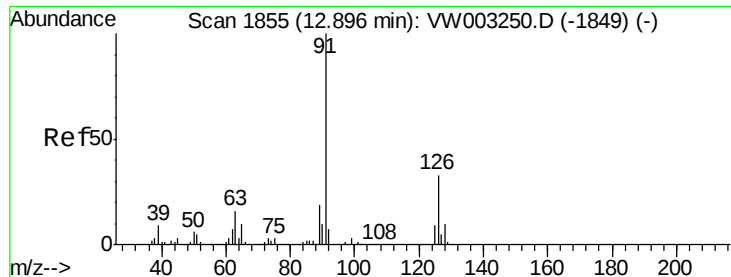
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.326 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

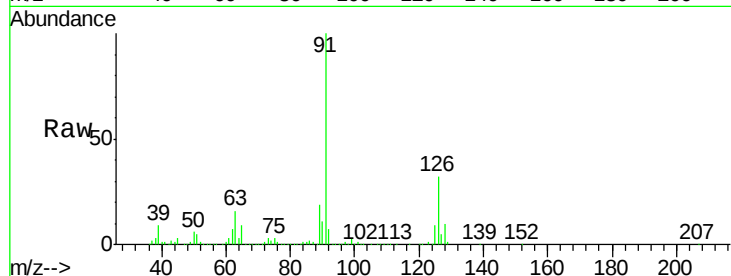
WP021SB476-25-27-180619MS

Tgt Ion: 91 Resp: 436169

Ion Ratio Lower Upper

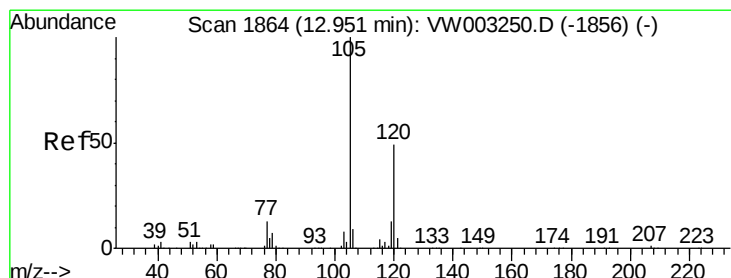
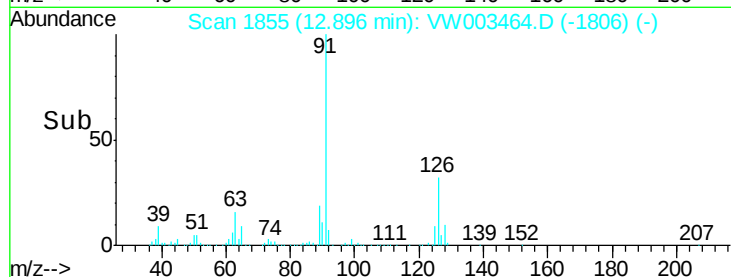
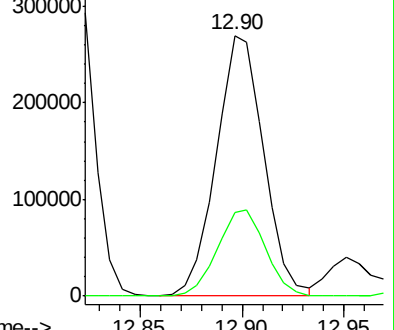
91 100

126 33.4 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: 51.935 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003464.D

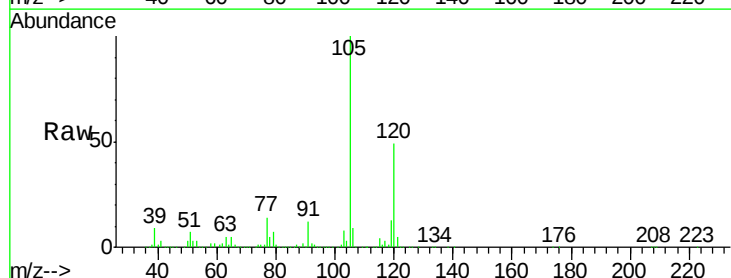
Acq: 23 Jun 2018 16:54

Tgt Ion: 105 Resp: 535352

Ion Ratio Lower Upper

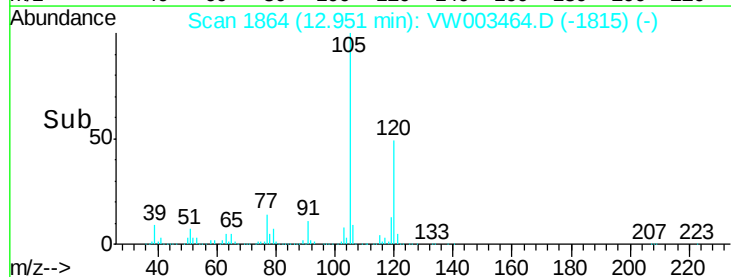
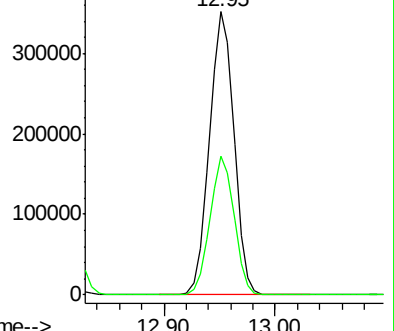
105 100

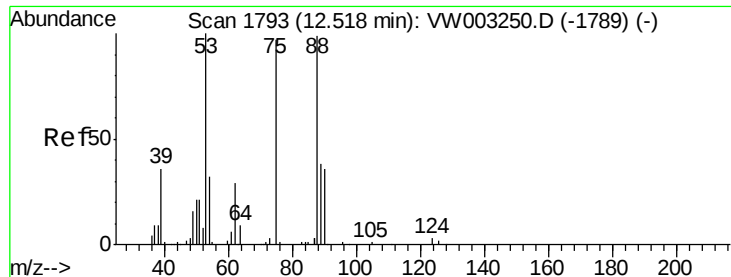
120 48.5 24.3 72.9



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: 44.150 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

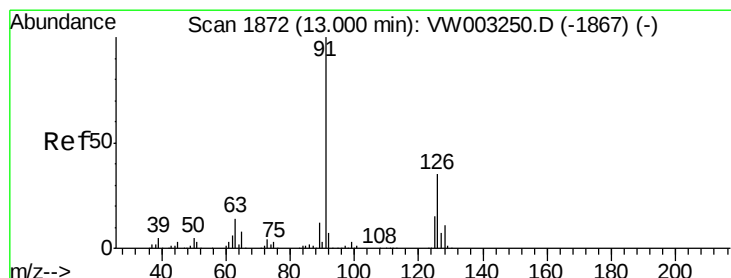
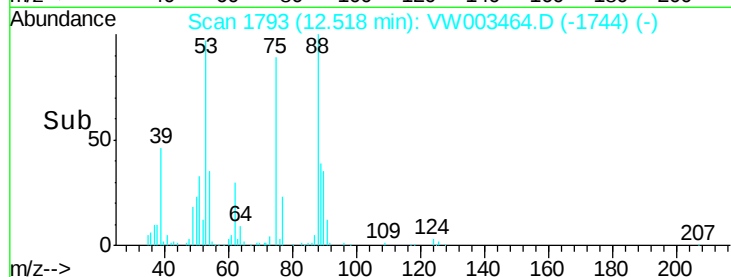
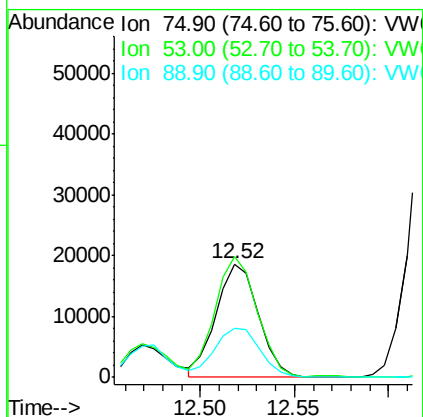
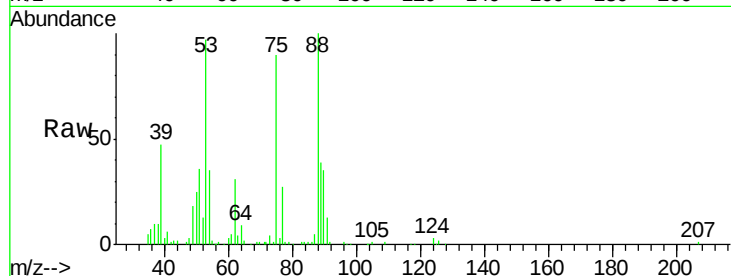
Tgt Ion: 75 Resp: 28961

Ion Ratio Lower Upper

75 100

53 104.5 82.9 124.3

89 46.8 36.7 55.1



#82

4-Chlorotoluene

Concen: 50.420 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003464.D

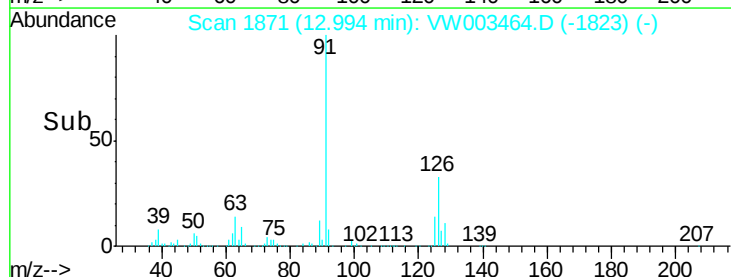
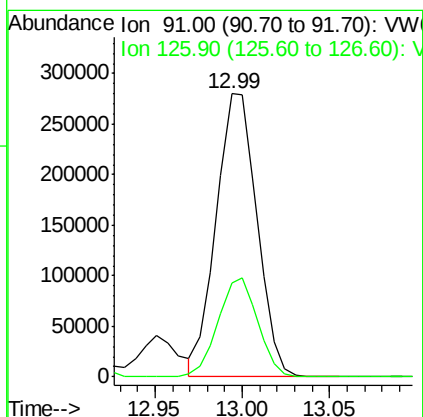
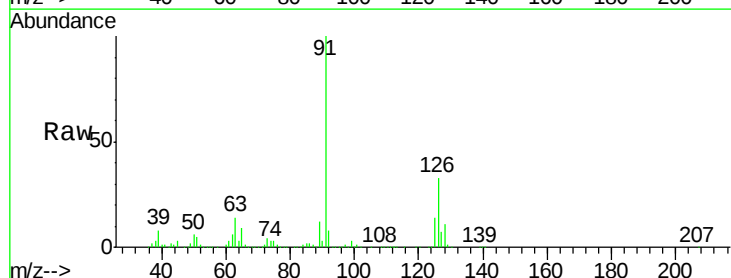
Acq: 23 Jun 2018 16:54

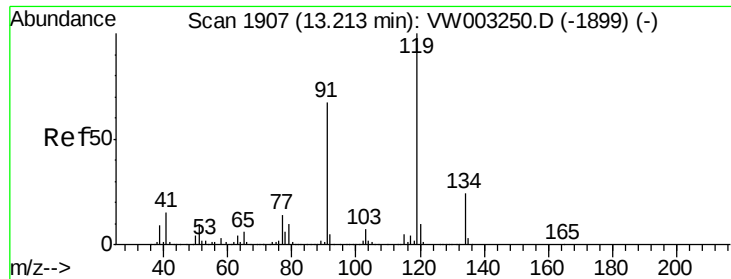
Tgt Ion: 91 Resp: 454534

Ion Ratio Lower Upper

91 100

126 34.1 16.8 50.3

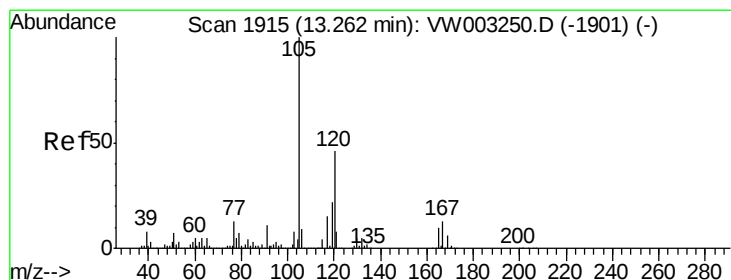
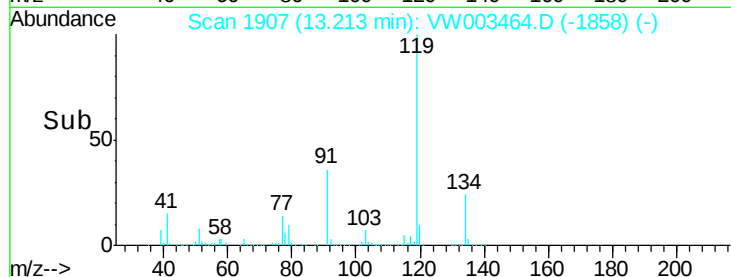
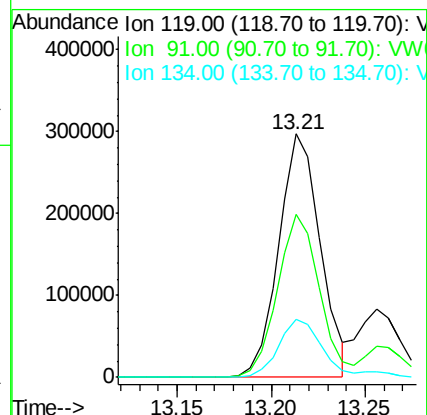
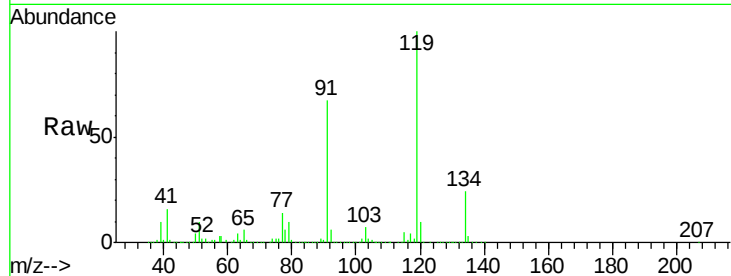




#83
 tert-Butylbenzene
 Concen: 51.756 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

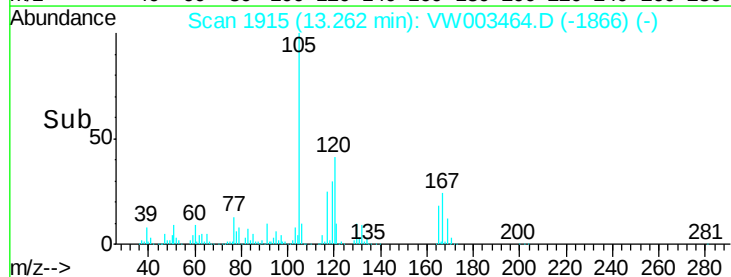
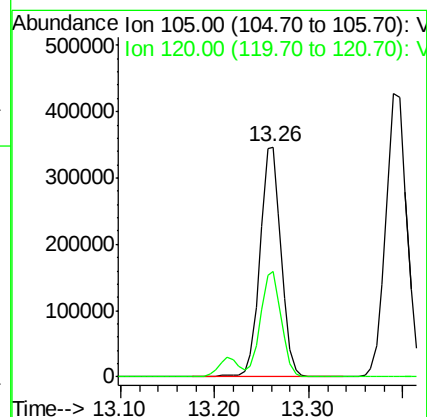
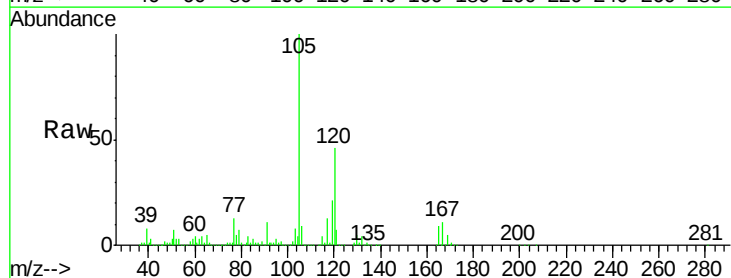
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

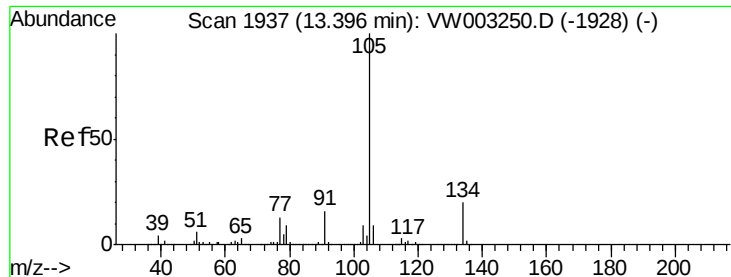
Tgt Ion:119 Resp: 454665
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.9 101.7
 134 24.1 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.576 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion:105 Resp: 546891
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 50.905 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

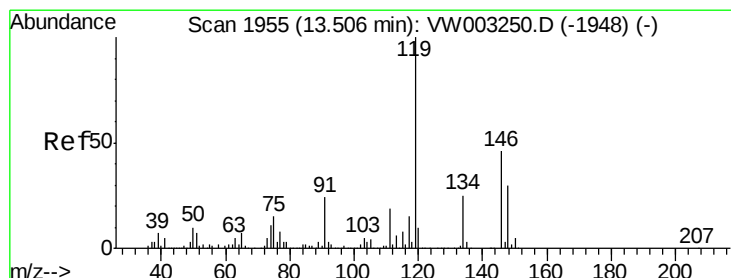
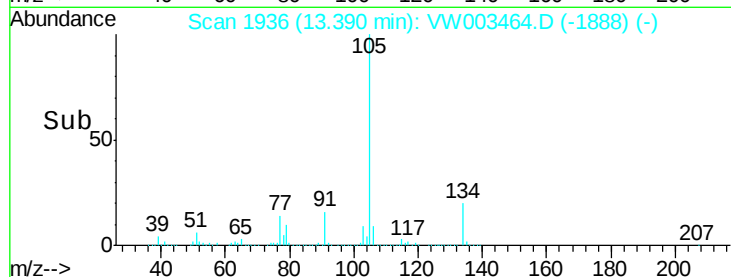
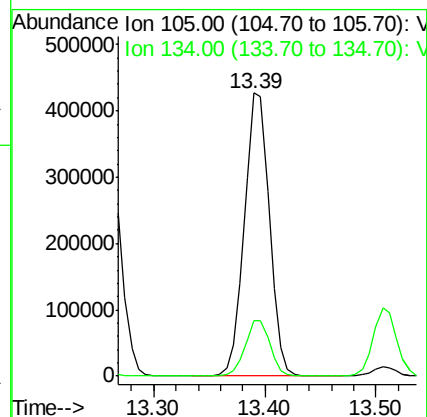
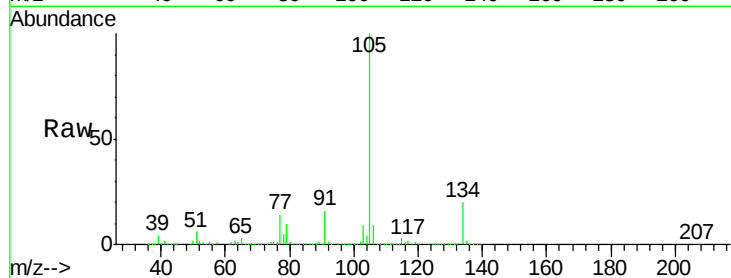
WP021SB476-25-27-180619MS

Tgt Ion:105 Resp: 664702

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 50.701 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

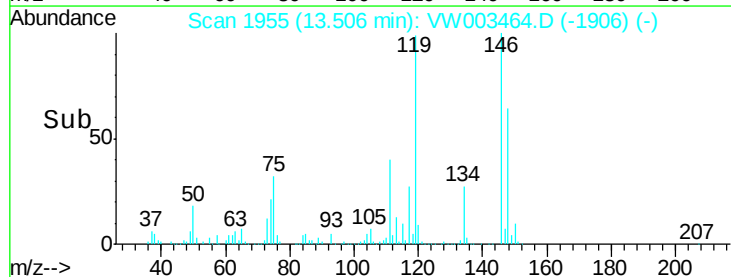
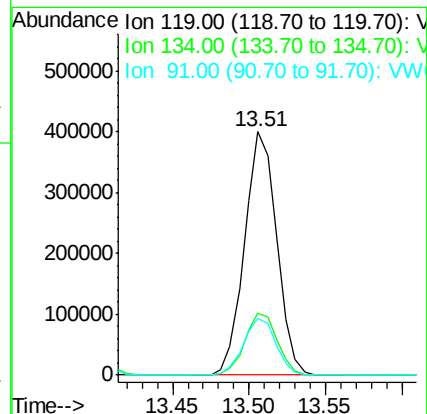
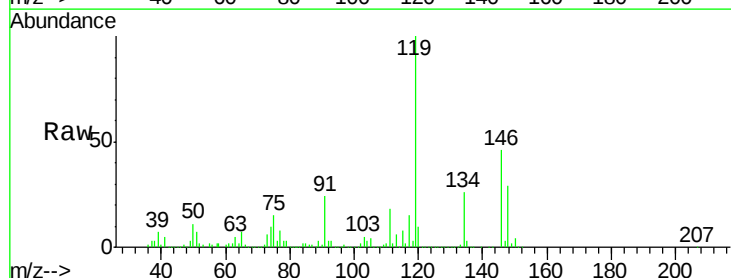
Tgt Ion:119 Resp: 583913

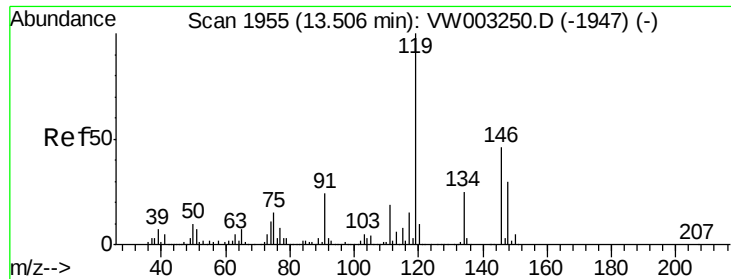
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 23.6 11.8 35.3

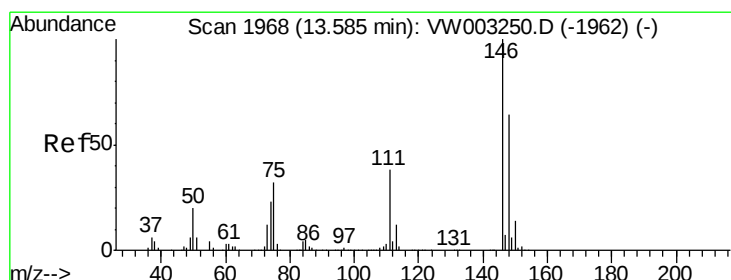
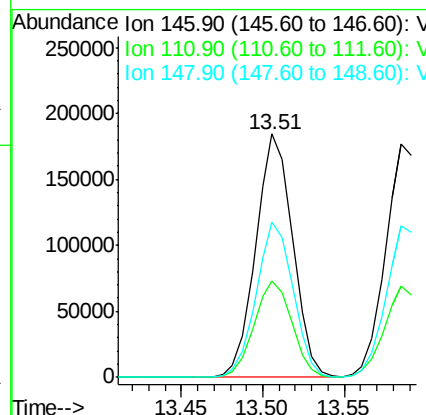
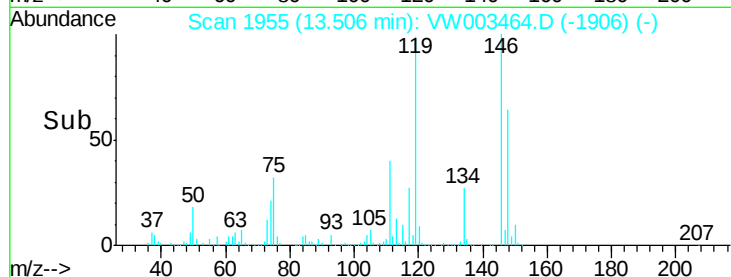
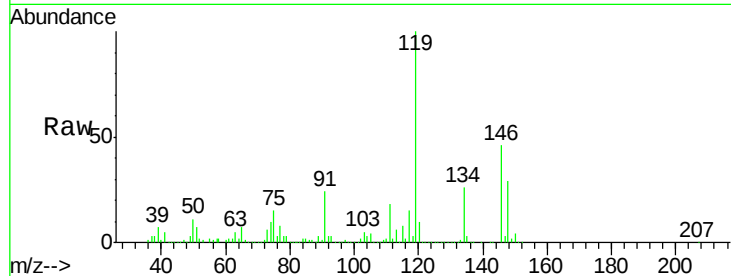




#87
 1,3-Dichlorobenzene
 Concen: 49.481 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

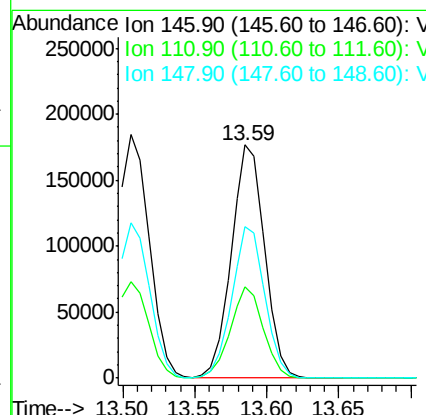
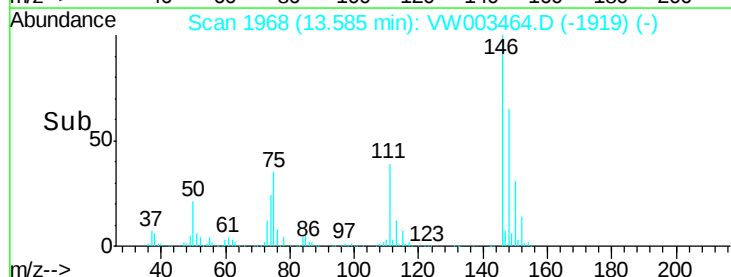
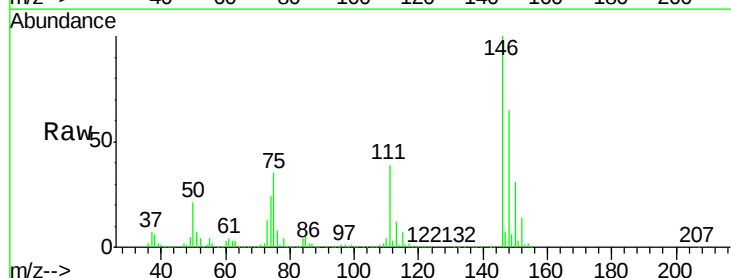
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tgt Ion:146 Resp: 290721
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.8 59.4
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.860 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion:146 Resp: 285395
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 49.252 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

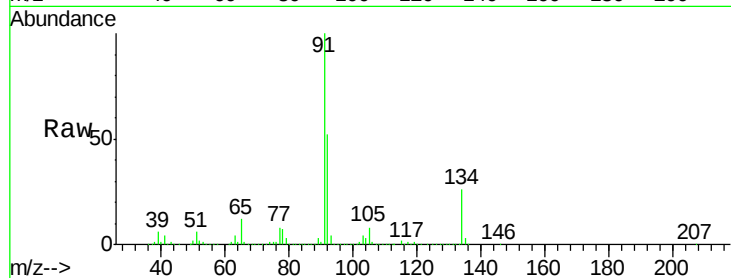
Tgt Ion: 91 Resp: 552915

Ion Ratio Lower Upper

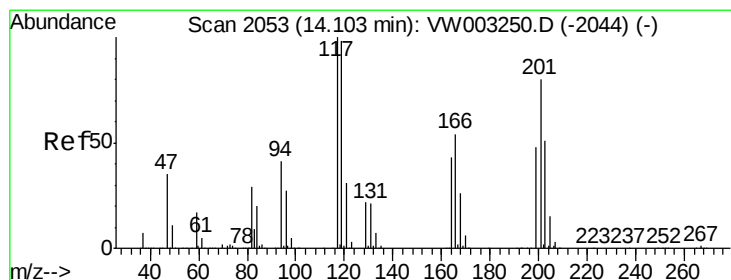
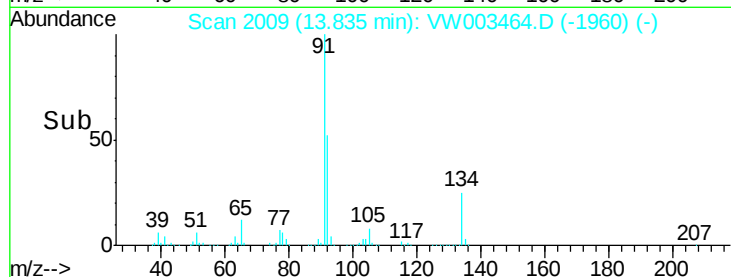
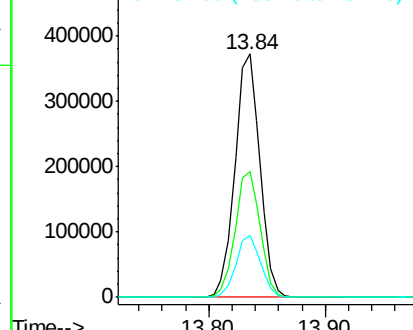
91 100

92 52.0 26.0 78.0

134 25.2 12.7 38.0



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



#90

Hexachloroethane

Concen: 49.943 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003464.D

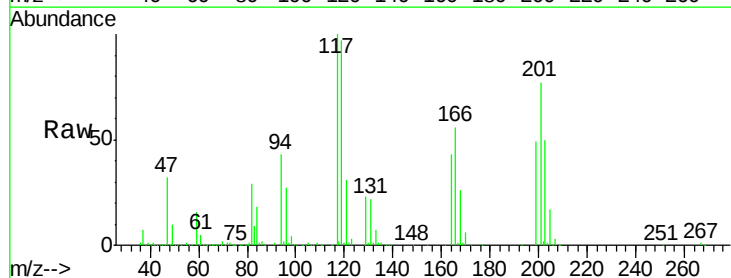
Acq: 23 Jun 2018 16:54

Tgt Ion: 117 Resp: 104051

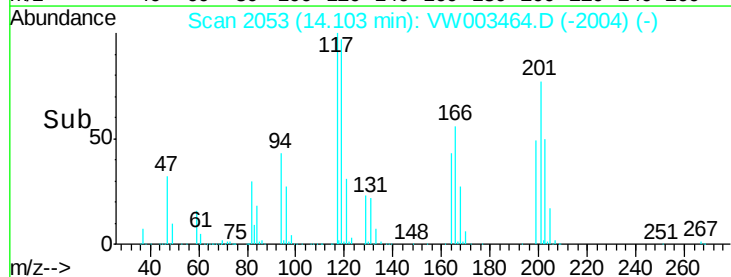
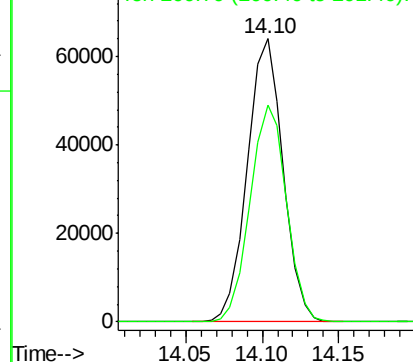
Ion Ratio Lower Upper

117 100

201 78.0 39.5 118.5



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





#91

1,2-Dichlorobenzene

Concen: 48.788 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

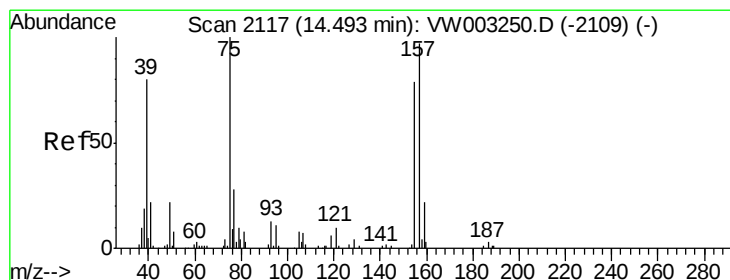
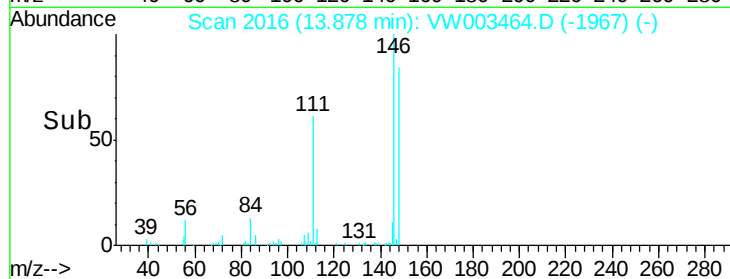
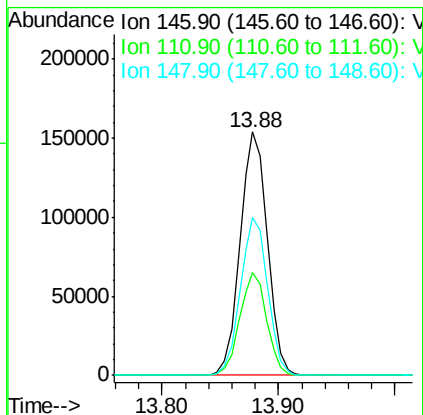
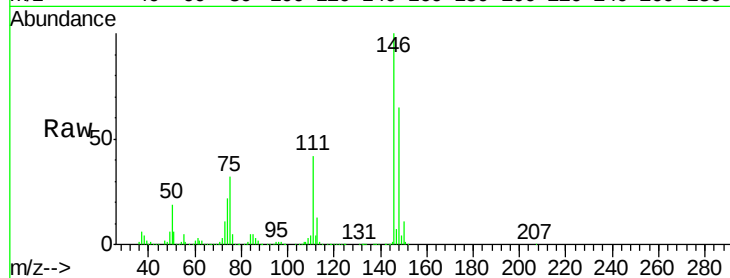
Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tgt Ion:	146	Resp:	251097
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	61.0
148	64.7	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.796 ug/l

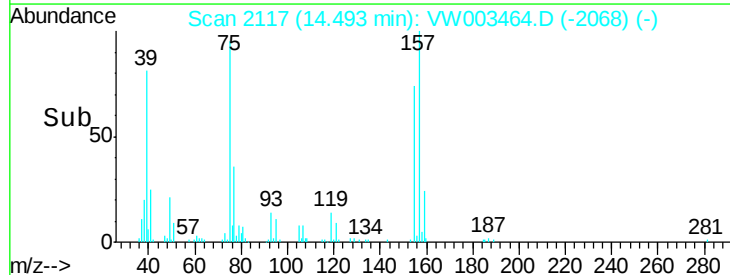
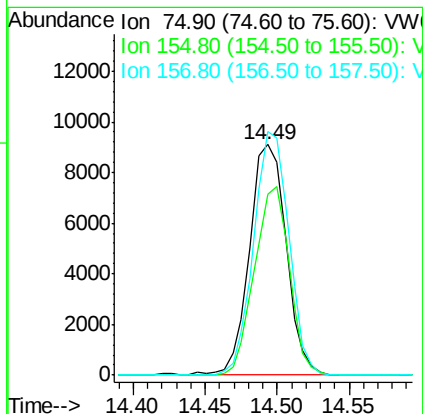
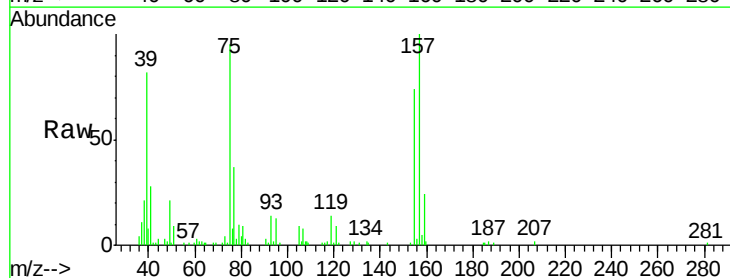
RT: 14.49 min Scan# 2117

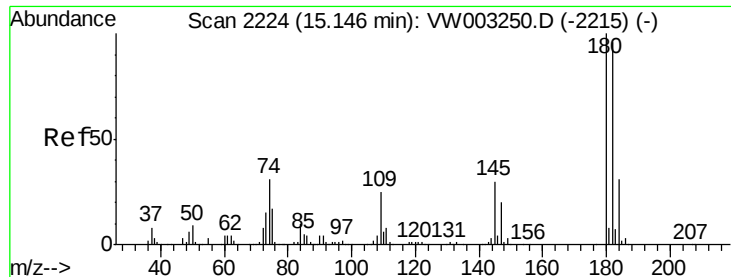
Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion:	75	Resp:	16012
Ion	Ratio	Lower	Upper
75	100		
155	77.6	39.4	118.2
157	101.3	51.5	154.5

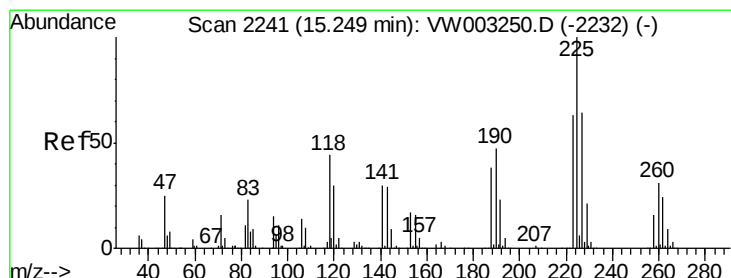
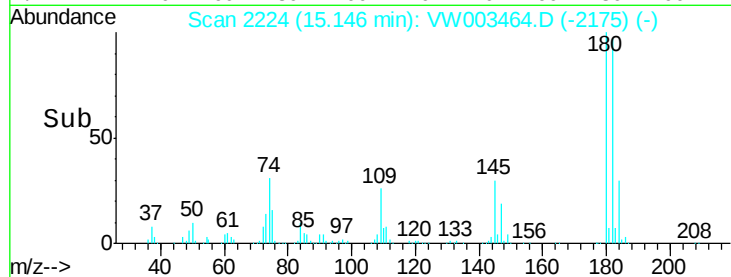
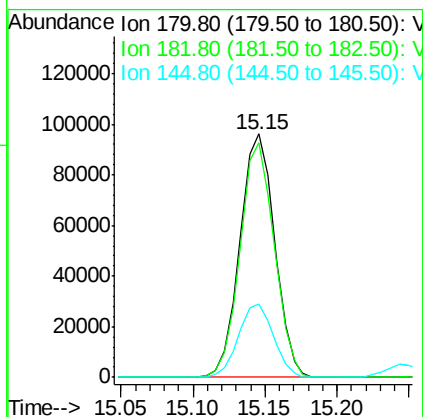
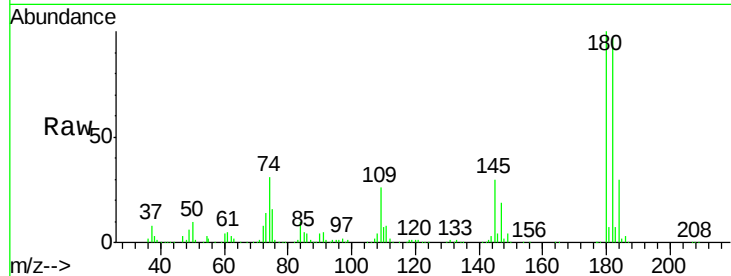




#93
 1,2,4-Trichlorobenzene
 Concen: 44.494 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

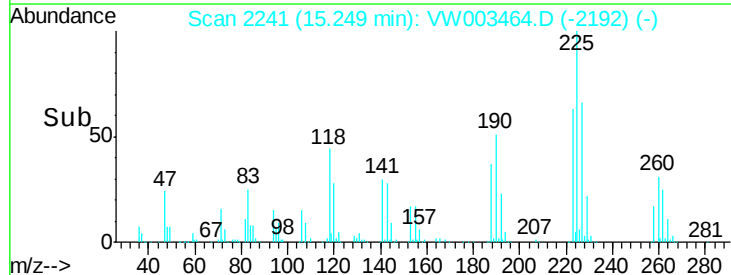
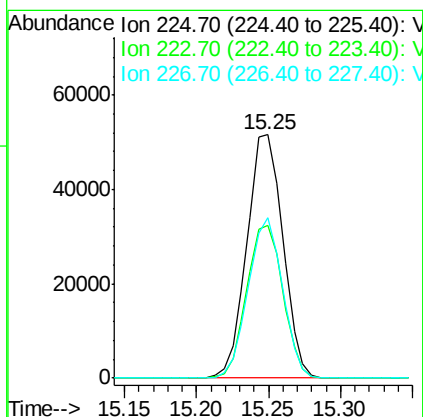
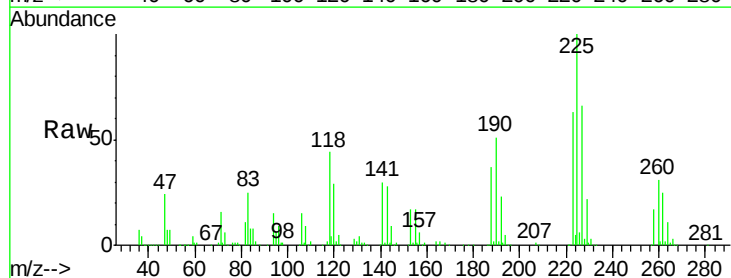
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

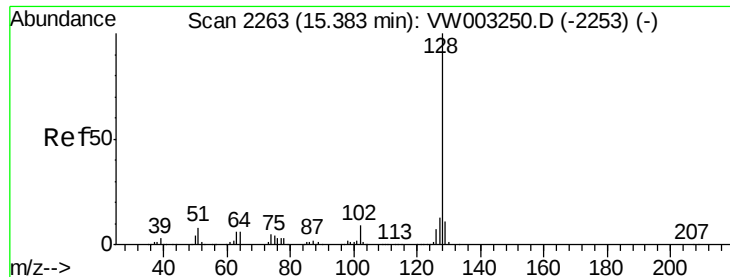
Tgt Ion:180 Resp: 160758
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.6
 145 30.5 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 41.069 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion:225 Resp: 89256
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.6 92.0
 227 62.9 31.7 95.1





#95

Naphthalene

Concen: 43.694 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

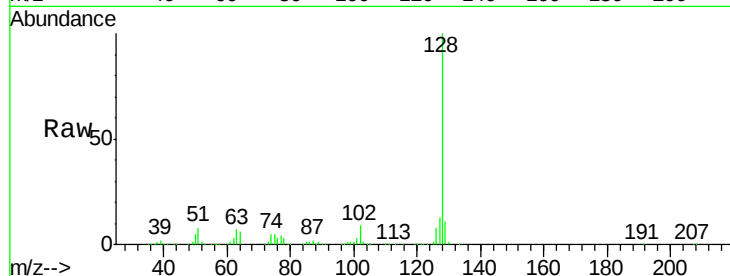
Tgt Ion:128 Resp: 267790

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

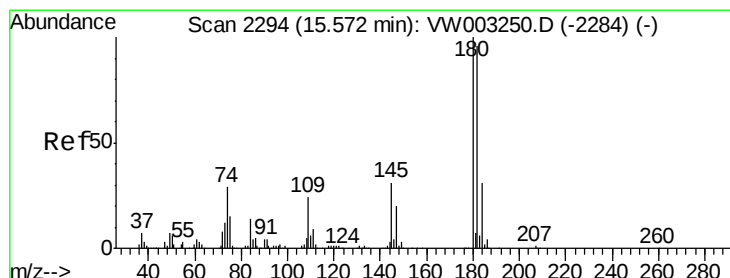
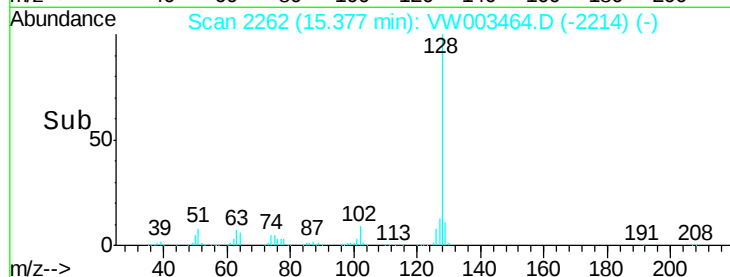
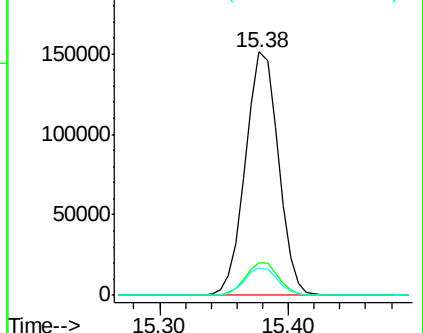
129 11.2 8.9 13.3



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: 42.252 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

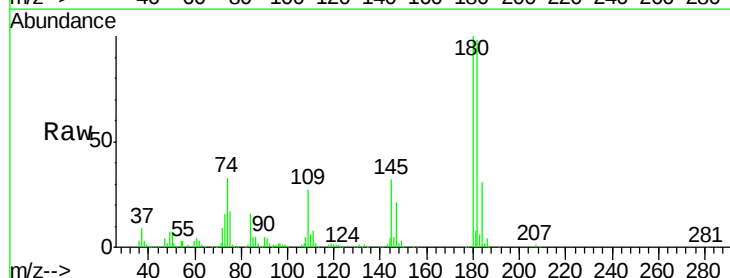
Tgt Ion:180 Resp: 134372

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 32.2 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

