

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003460.D
 Acq On : 23 Jun 2018 15:11
 Operator : SY/AP
 Sample : J3664-03MSD
 Misc : 6.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

Quant Time: Jun 25 02:35:19 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	252931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	359672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148334	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	7.89	113	127847	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.33	98	516992	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.62	95	175208	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	65719	85.944	ug/l 89
3) Chloromethane	2.21	50	92819	48.042	ug/l 95
4) Vinyl Chloride	2.36	62	133963	47.564	ug/l 98
5) Bromomethane	2.78	94	78742	42.063	ug/l 99
6) Chloroethane	2.92	64	85987	43.860	ug/l 93
7) Trichlorofluoromethane	3.26	101	93146	55.204	ug/l 97
8) Diethyl Ether	3.68	74	57998	46.791	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	112341	47.947	ug/l 99
10) Methyl Iodide	4.26	142	167103	47.159	ug/l 100
11) Tert butyl alcohol	5.25	59	38710	263.461	ug/l 100
12) 1,1-Dichloroethene	4.03	96	112192	49.000	ug/l 99
13) Acrolein	3.90	56	17366	82.668	ug/l 92
14) Allyl chloride	4.67	41	144633	36.467	ug/l 97
15) Acrylonitrile	5.38	53	132700	260.210	ug/l 99
16) Acetone	4.15	43	224220	390.231	ug/l 99
17) Carbon Disulfide	4.37	76	335652	49.586	ug/l 99
18) Methyl Acetate	4.68	43	110876	81.342	ug/l 97
19) Methyl tert-butyl Ether	5.43	73	220881	51.506	ug/l 97
20) Methylene Chloride	4.91	84	123479	50.636	ug/l 100
21) trans-1,2-Dichloroethene	5.42	96	121436	48.733	ug/l 95
22) Diisopropyl ether	6.32	45	393552	49.304	ug/l 98
23) Vinyl Acetate	6.26	43	643202	139.833	ug/l 100
24) 1,1-Dichloroethane	6.21	63	233553	49.287	ug/l 99
25) 2-Butanone	7.18	43	215110	301.072	ug/l 97
26) 2,2-Dichloropropane	7.17	77	152855	48.334	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	133770	48.868	ug/l 99
28) Bromochloromethane	7.51	49	110631	56.104	ug/l 98
29) Tetrahydrofuran	7.54	42	116328	266.401	ug/l 100
30) Chloroform	7.68	83	242593	50.251	ug/l 99
31) Cyclohexane	7.96	56	206282	46.597	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	197787	49.635	ug/l 99
36) 1,1-Dichloropropene	8.09	75	186967	48.849	ug/l 100
37) Ethyl Acetate	7.26	43	74433	46.942	ug/l 98
38) Carbon Tetrachloride	8.07	117	168110	44.777	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	214744	48.490	ug/l	99
40) Benzene	8.33	78	673634	63.851	ug/l	98
41) Methacrylonitrile	7.49	41	49049	50.409	ug/l	99
42) 1,2-Dichloroethane	8.40	62	162769	49.243	ug/l	99
43) Isopropyl Acetate	8.43	43	155082	49.257	ug/l	99
44) Trichloroethene	9.10	130	137227	49.088	ug/l	99
45) 1,2-Dichloropropane	9.37	63	132894	49.473	ug/l	98
46) Dibromomethane	9.46	93	69717	50.693	ug/l	98
47) Bromodichloromethane	9.65	83	162590	46.122	ug/l	98
48) Methyl methacrylate	9.44	41	81189	54.871	ug/l	97
49) 1,4-Dioxane	9.49	88	17238	830.139	ug/l	81
51) 4-Methyl-2-Pentanone	10.22	43	435900	271.706	ug/l	100
52) Toluene	10.39	92	356945	52.761	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	160683	44.621	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	174844	42.660	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	97399	50.258	ug/l	98
56) Ethyl methacrylate	10.65	69	120787	51.326	ug/l	97
57) 1,3-Dichloropropane	10.94	76	169308	50.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	278448	263.945	ug/l	99
59) 2-Hexanone	10.98	43	320288	285.780	ug/l	99
60) Dibromochloromethane	11.13	129	97045	42.108	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91070	49.680	ug/l	100
64) Tetrachloroethene	10.87	164	128362	53.358	ug/l	97
65) Chlorobenzene	11.66	112	1068186	142.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	125130	47.540	ug/l	99
67) Ethyl Benzene	11.74	91	664732	50.067	ug/l	100
68) m/p-Xylenes	11.85	106	493716	97.824	ug/l	99
69) o-Xylene	12.17	106	229323	49.028	ug/l	99
70) Styrene	12.19	104	375158	48.187	ug/l	100
71) Bromoform	12.35	173	51697	37.898	ug/l #	100
73) Isopropylbenzene	12.47	105	641499	53.795	ug/l	100
74) N-amyl acetate	12.28	43	101174	37.275	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	112975	55.999	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	136269	92.973	ug/l #	100
77) Bromobenzene	12.76	156	142295	51.237	ug/l	98
78) n-propylbenzene	12.81	91	766653	52.504	ug/l	100
79) 2-Chlorotoluene	12.90	91	425970	51.621	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	519805	51.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14585	22.898	ug/l #	79
82) 4-Chlorotoluene	12.99	91	442016	50.495	ug/l	100
83) tert-Butylbenzene	13.21	119	446534	52.347	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	534938	51.954	ug/l	100
85) sec-Butylbenzene	13.39	105	636179	50.174	ug/l	100
86) p-Isopropyltoluene	13.51	119	557229	49.827	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	270292	47.376	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	266910	47.059	ug/l	99
89) n-Butylbenzene	13.84	91	505704	46.391	ug/l	100
90) Hexachloroethane	14.10	117	89199	44.092	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	244139	48.852	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18968	55.869	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
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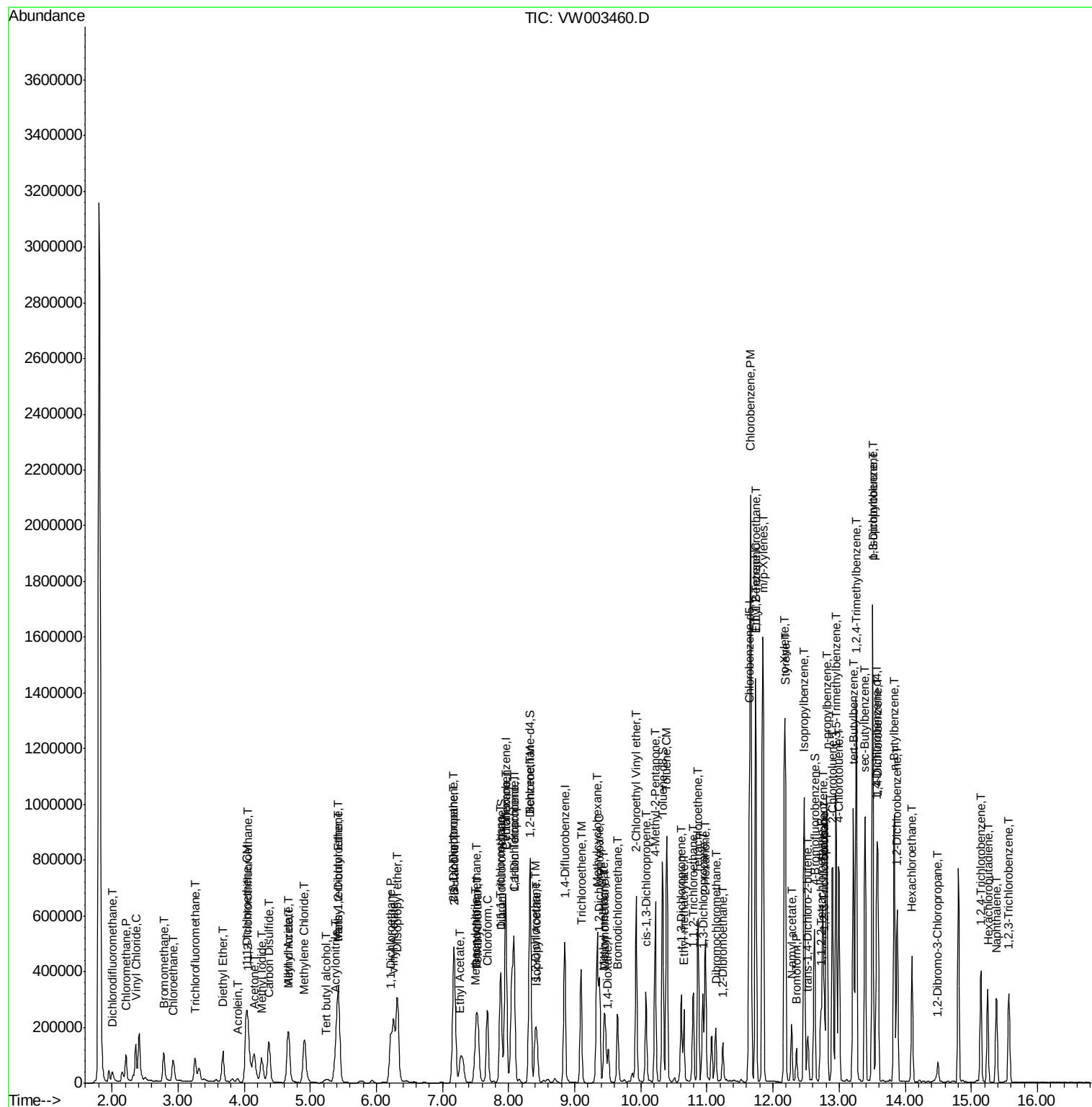
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	126084	35.938	ug/l	100
94) Hexachlorobutadiene	15.25	225	65500	31.037	ug/l	99
95) Naphthalene	15.38	128	259848	43.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	106613	34.524	ug/l	99

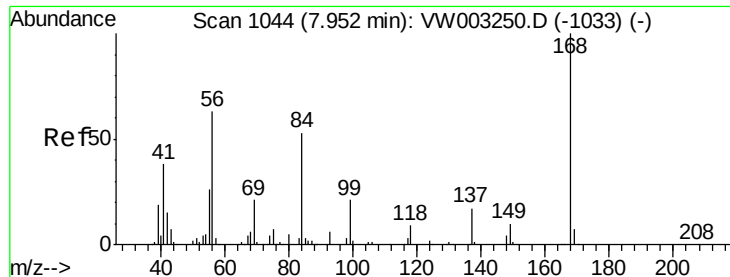
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

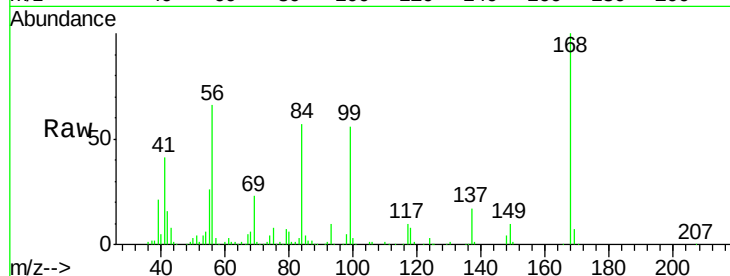
WP021SB482-15-17-180619MSD

Tgt Ion:168 Resp: 252931

Ion Ratio Lower Upper

168 100

99 55.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

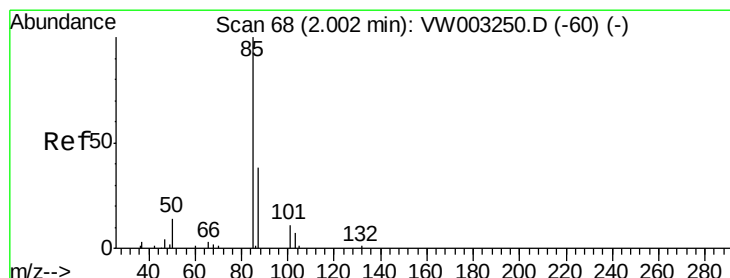
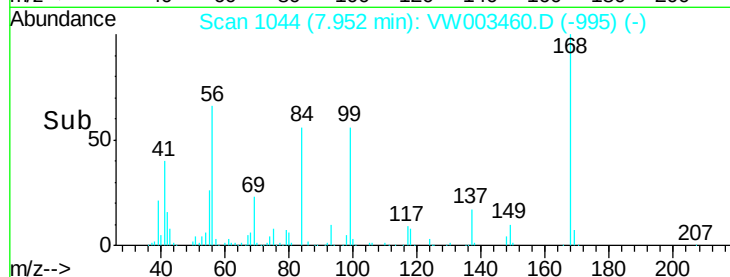
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 85.944 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003460.D

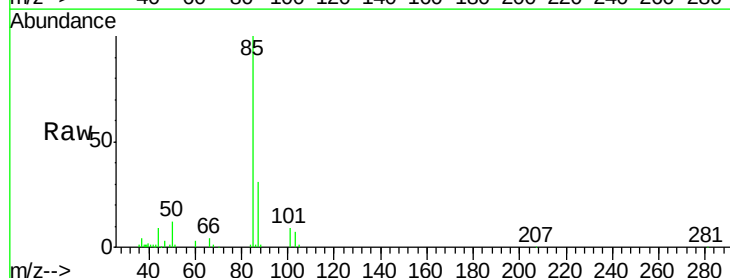
Acq: 23 Jun 2018 15:11

Tgt Ion: 85 Resp: 65719

Ion Ratio Lower Upper

85 100

87 31.1 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

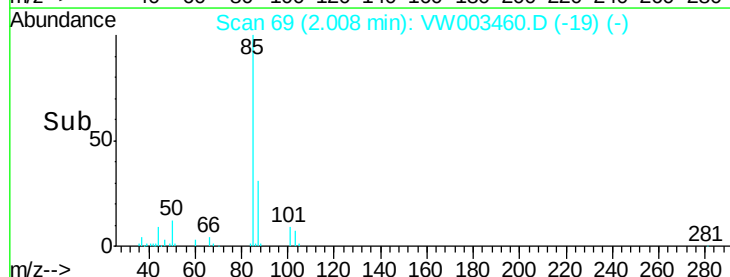
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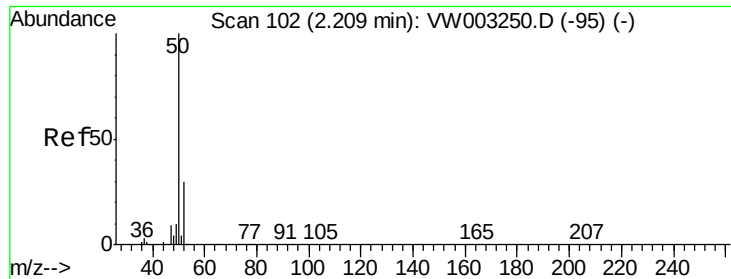
10000

5000

0

Time-->





#3

Chloromethane

Concen: 48.042 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

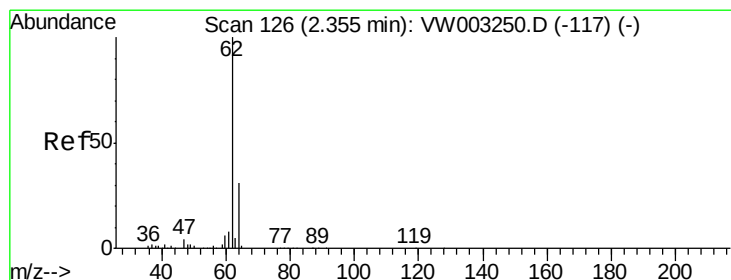
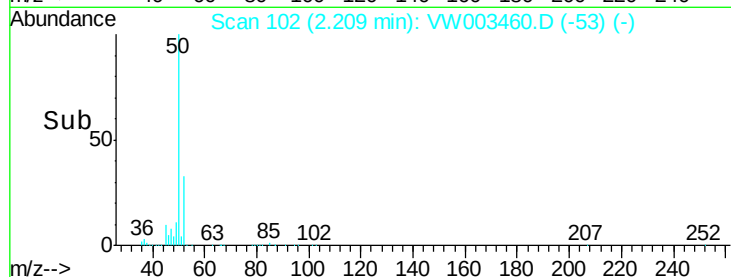
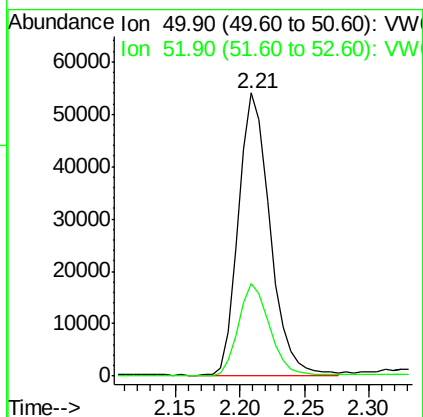
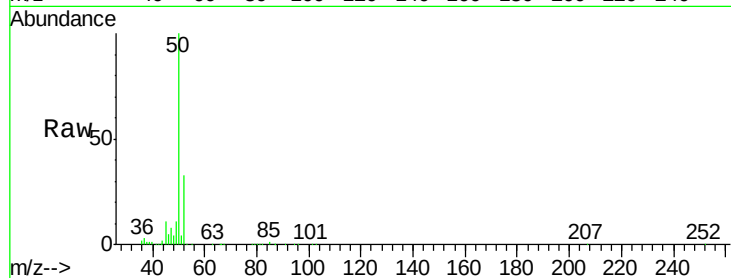
WP021SB482-15-17-180619MSD

Tgt Ion: 50 Resp: 92819

Ion Ratio Lower Upper

50 100

52 32.9 24.2 36.2



#4

Vinyl Chloride

Concen: 47.564 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003460.D

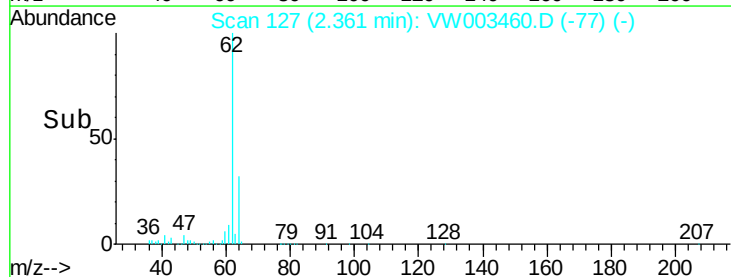
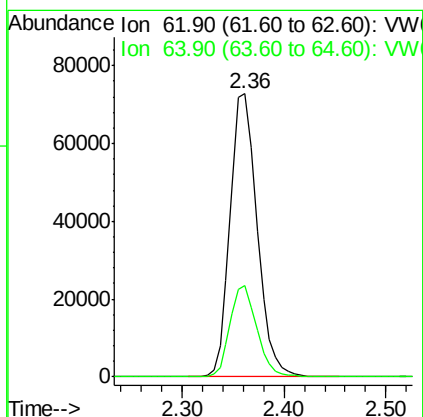
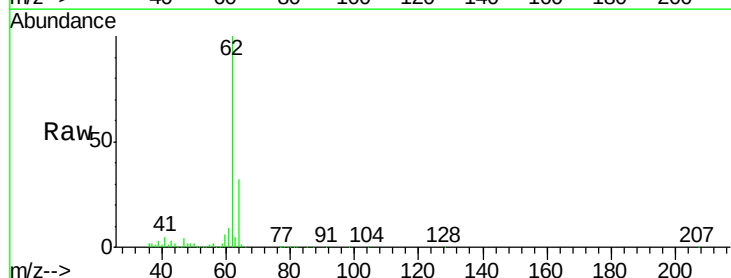
Acq: 23 Jun 2018 15:11

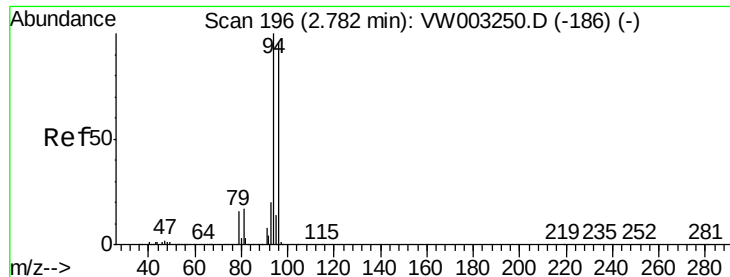
Tgt Ion: 62 Resp: 133963

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3





#5

Bromomethane

Concen: 42.063 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

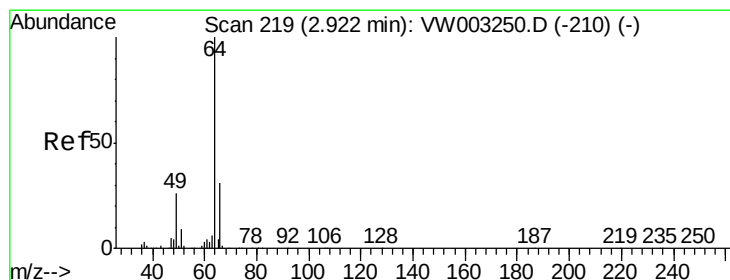
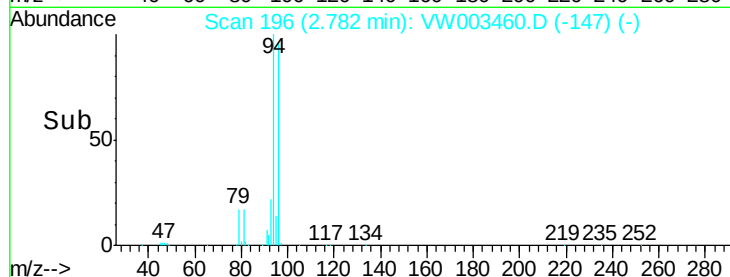
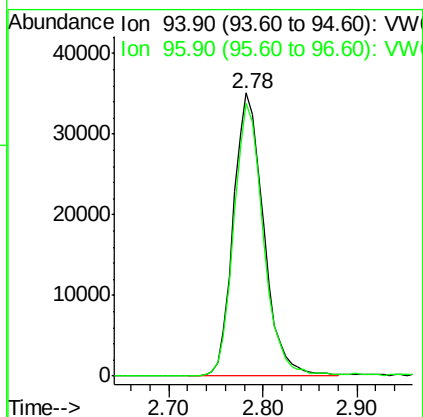
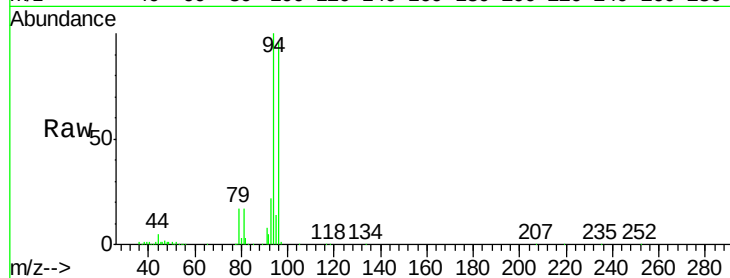
WP021SB482-15-17-180619MSD

Tgt Ion: 94 Resp: 78742

Ion Ratio Lower Upper

94 100

96 96.5 76.5 114.7



#6

Chloroethane

Concen: 43.860 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003460.D

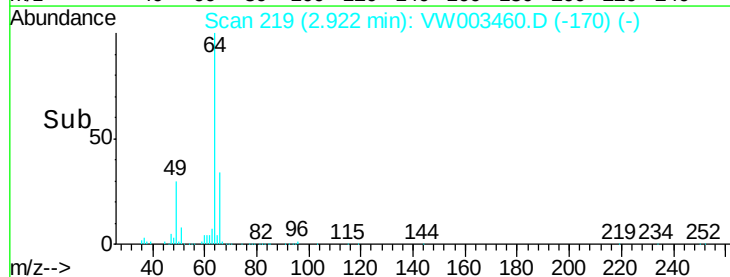
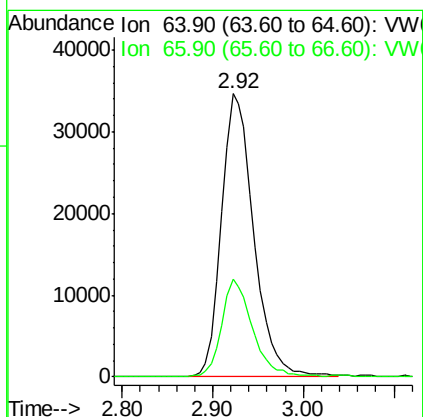
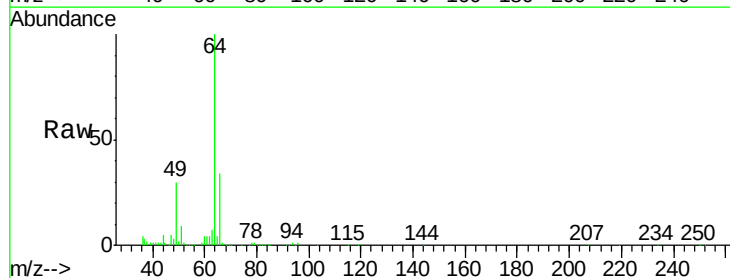
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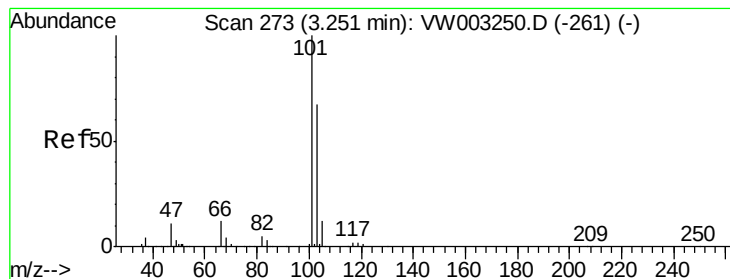
Tgt Ion: 64 Resp: 85987

Ion Ratio Lower Upper

64 100

66 34.4 24.4 36.6



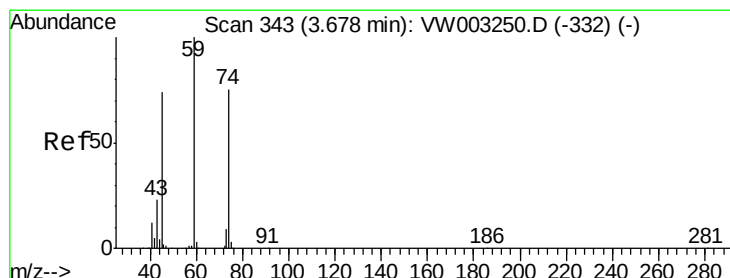
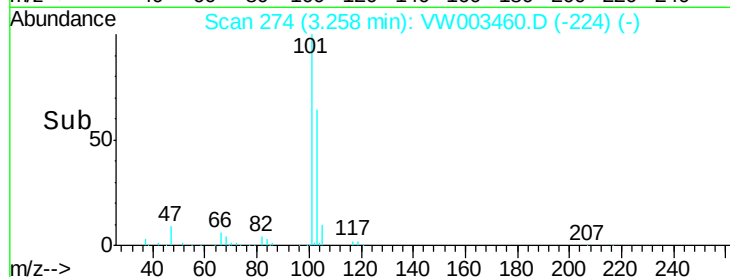
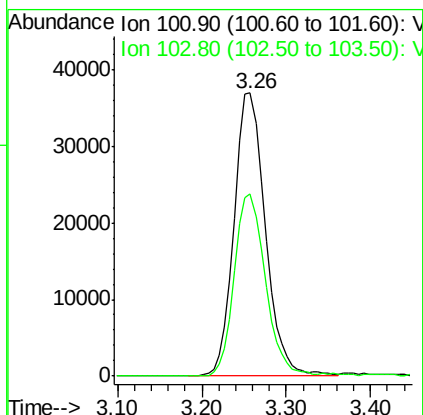
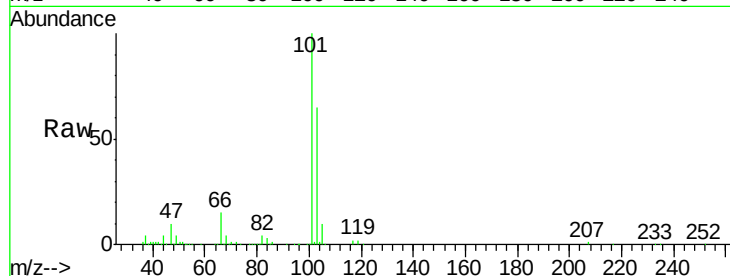


#7

Trichlorofluoromethane
 Concen: 55.204 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW003460.D
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Instrument :
 MSVOA_W
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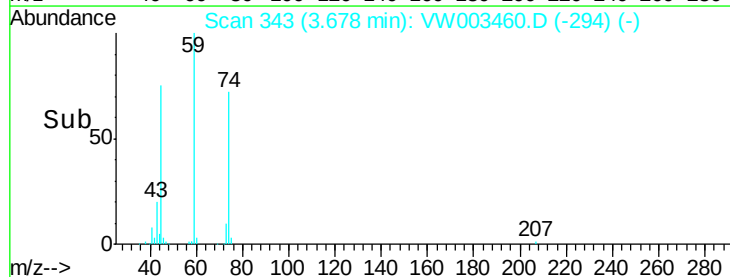
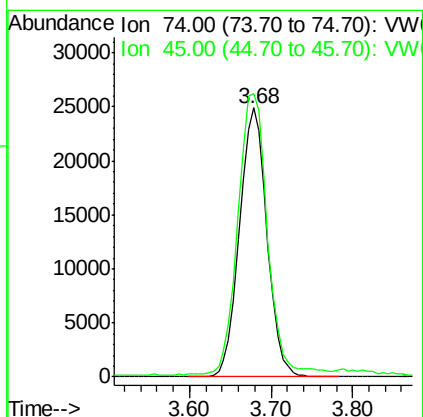
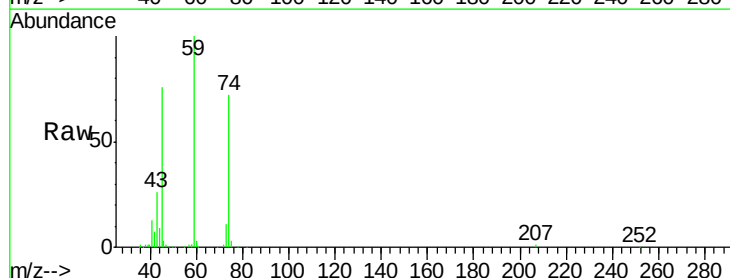
Tgt Ion: 101 Resp: 93146
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.4 80.0

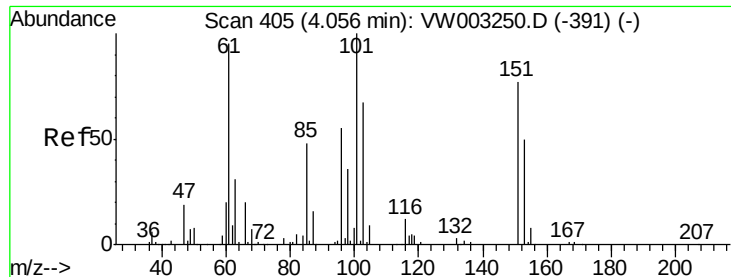


#8

Diethyl Ether
 Concen: 46.791 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion: 74 Resp: 57998
 Ion Ratio Lower Upper
 74 100
 45 114.4 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.947 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

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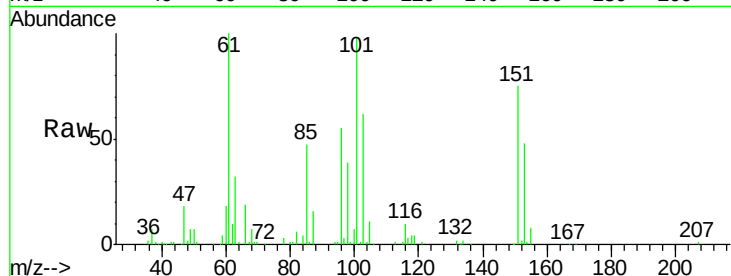
Tgt Ion:101 Resp: 112341

Ion Ratio Lower Upper

101 100

85 47.1 37.0 55.6

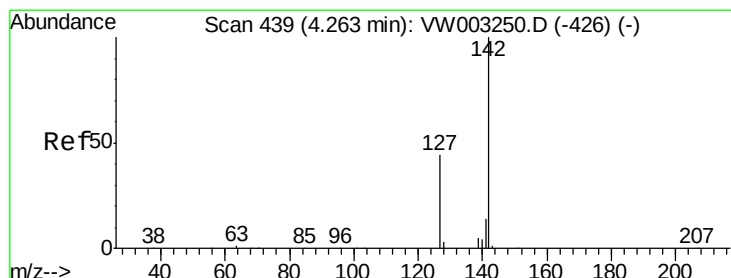
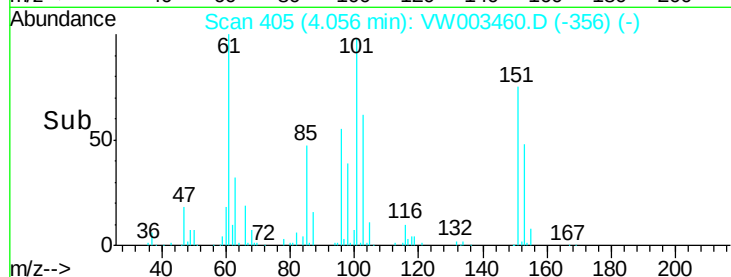
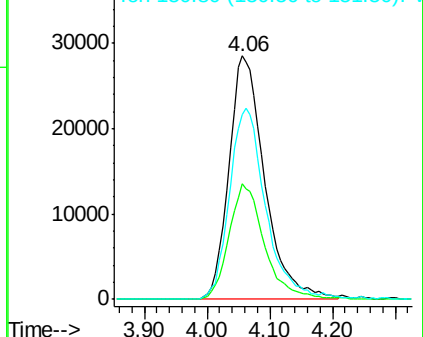
151 78.9 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.159 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

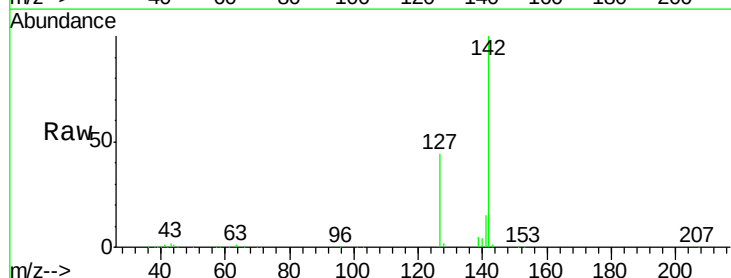
Tgt Ion:142 Resp: 167103

Ion Ratio Lower Upper

142 100

127 45.7 36.5 54.7

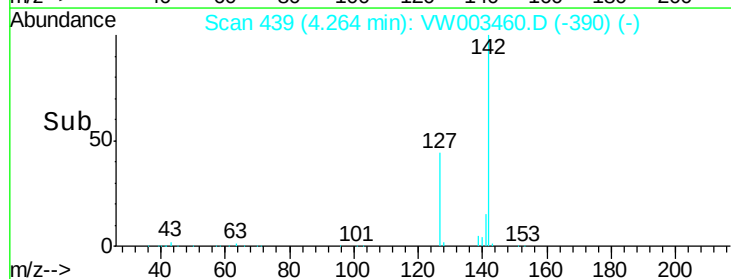
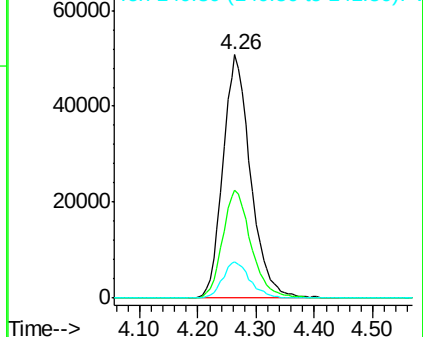
141 14.8 12.1 18.1

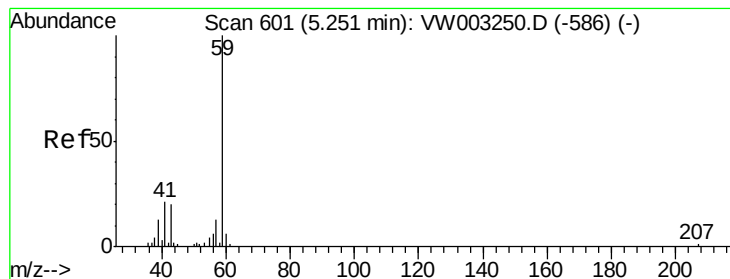


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 263.461 ug/l

RT: 5.25 min Scan# 601

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

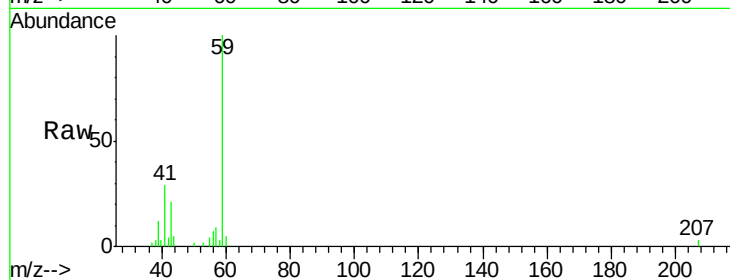
WP021SB482-15-17-180619MSD

Tgt Ion: 59 Resp: 38710

Ion Ratio Lower Upper

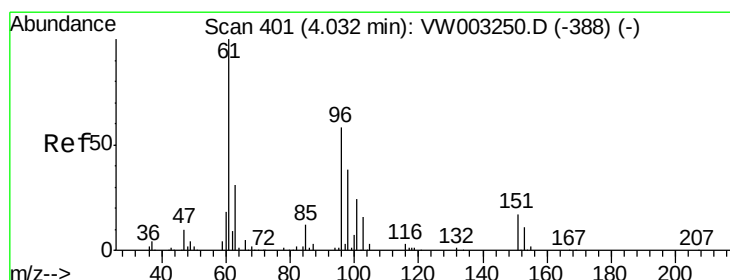
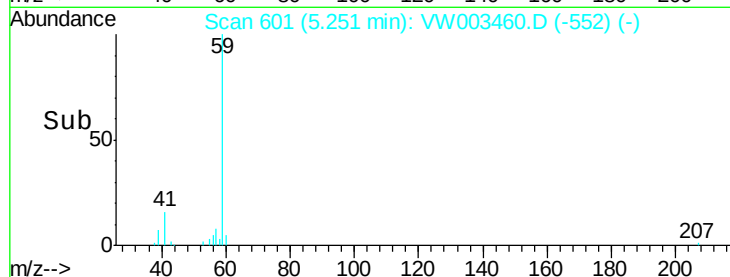
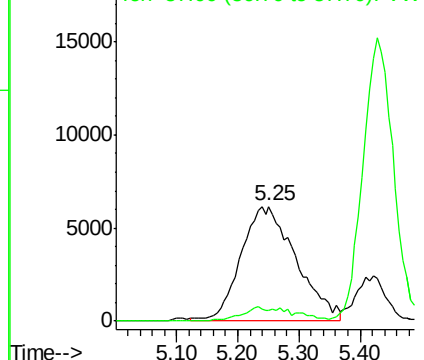
59 100

57 5.1 4.2 6.2



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 49.000 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

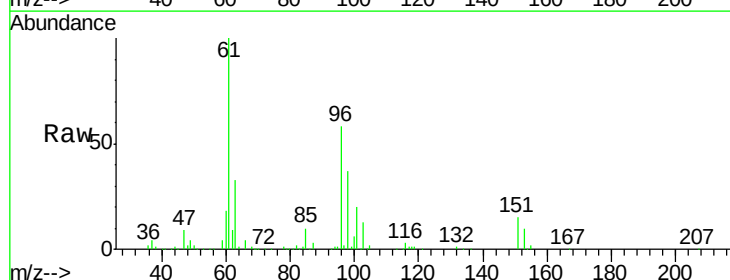
Tgt Ion: 96 Resp: 112192

Ion Ratio Lower Upper

96 100

61 173.9 139.0 208.4

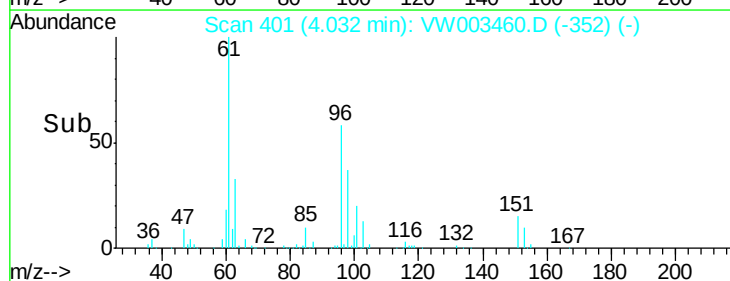
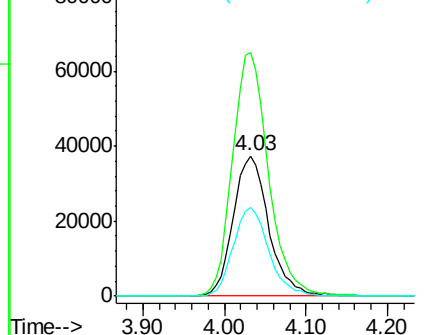
98 63.7 53.3 79.9

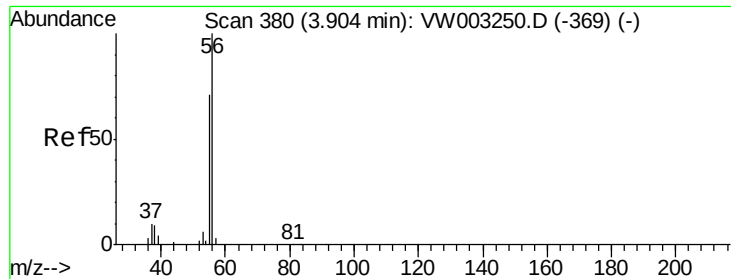


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 82.668 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

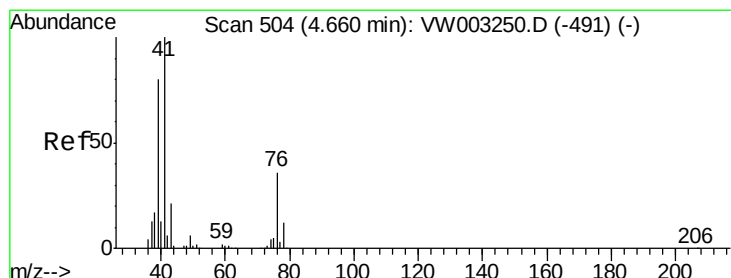
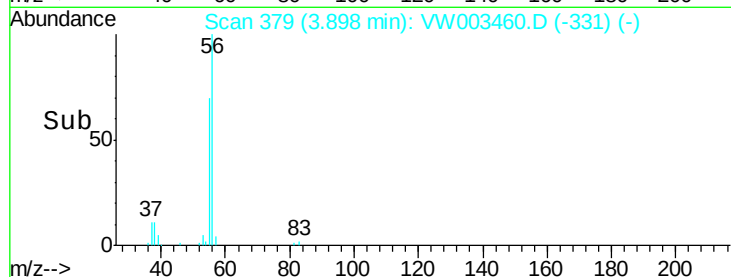
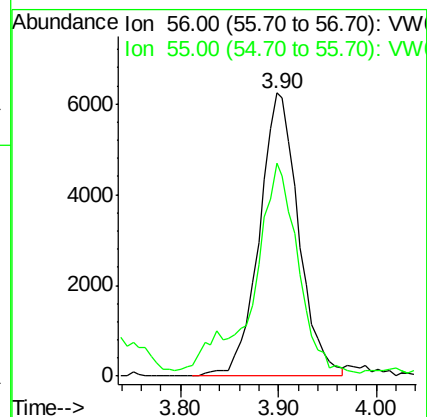
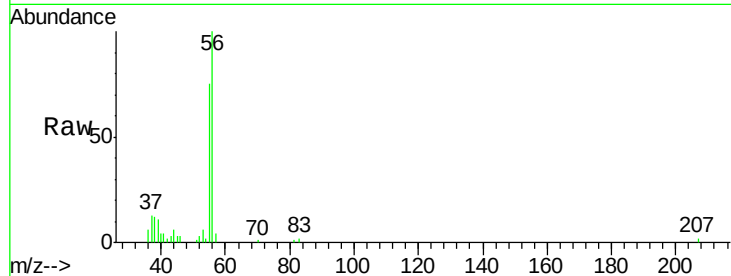
WP021SB482-15-17-180619MSD

Tgt Ion: 56 Resp: 17366

Ion Ratio Lower Upper

56 100

55 76.1 55.4 83.2



#14

Allyl chloride

Concen: 36.467 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

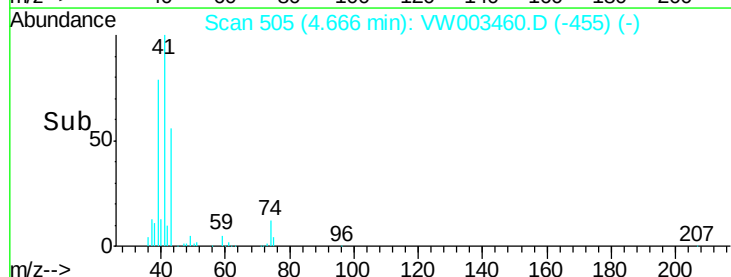
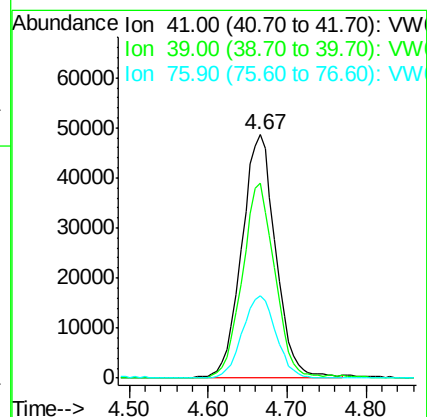
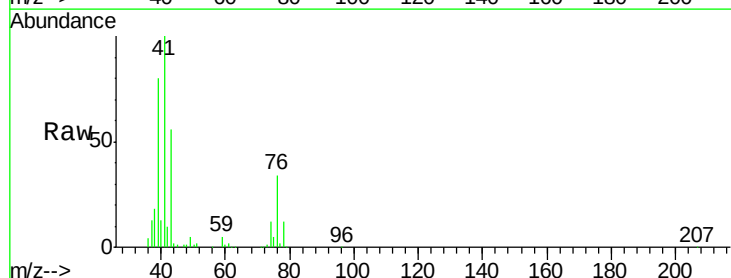
Tgt Ion: 41 Resp: 144633

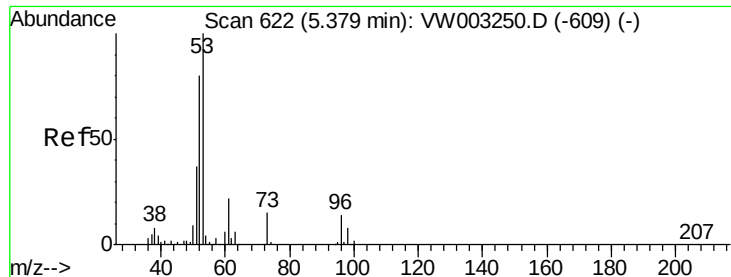
Ion Ratio Lower Upper

41 100

39 76.7 63.2 94.8

76 33.6 28.0 42.0





#15

Acrylonitrile

Concen: 260.210 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

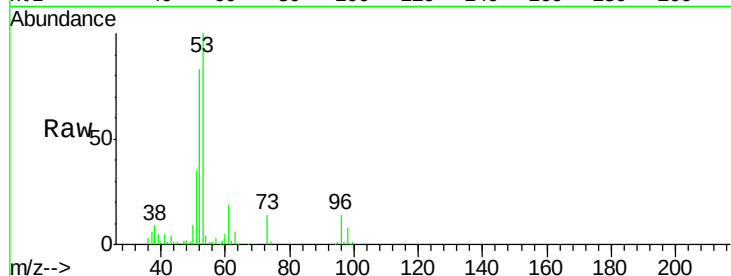
Tgt Ion: 53 Resp: 132700

Ion Ratio Lower Upper

53 100

52 84.3 66.6 100.0

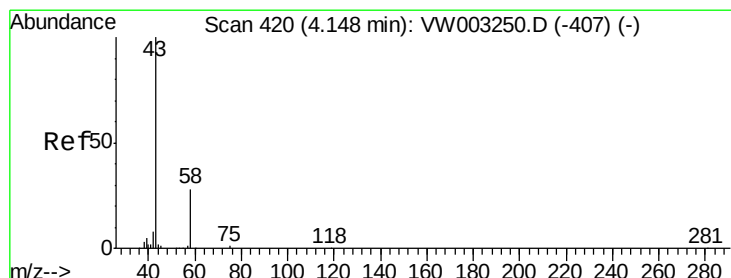
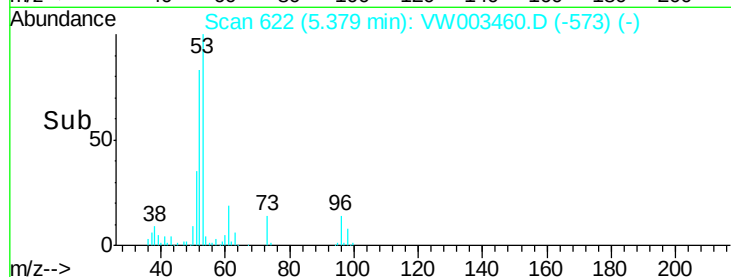
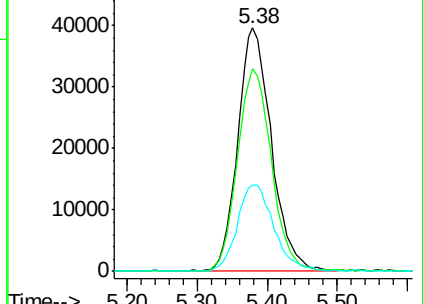
51 38.5 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 390.231 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003460.D

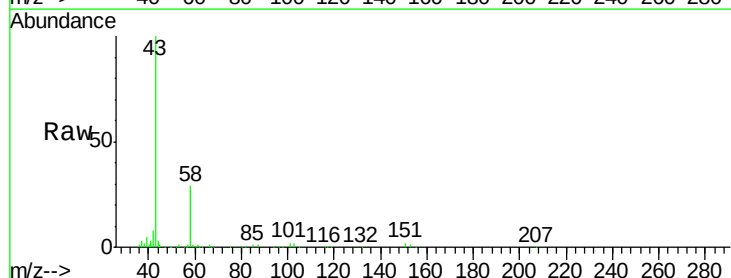
Acq: 23 Jun 2018 15:11

Tgt Ion: 43 Resp: 224220

Ion Ratio Lower Upper

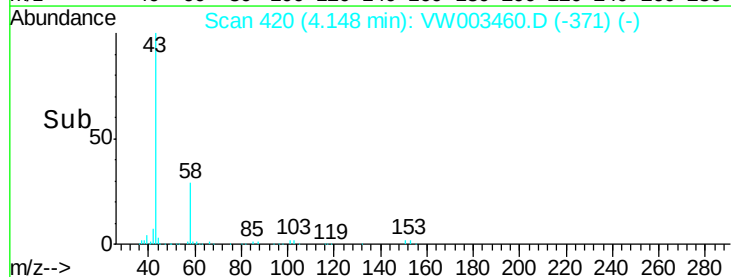
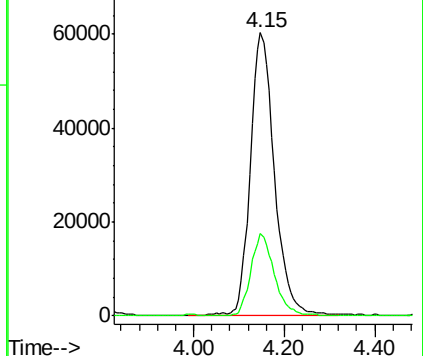
43 100

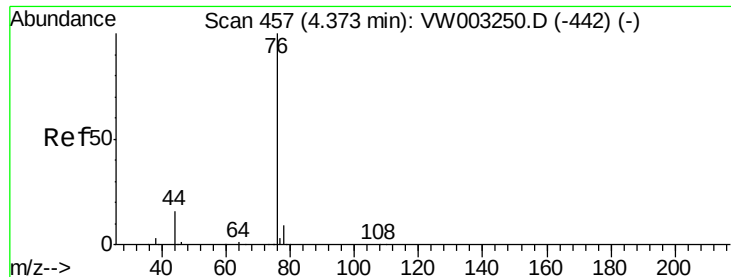
58 28.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 49.586 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

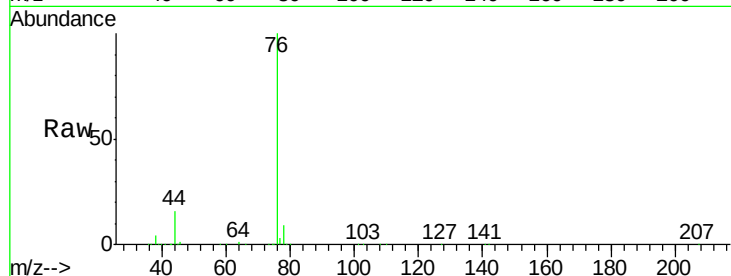
WP021SB482-15-17-180619MSD

Tgt Ion: 76 Resp: 335652

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

120000

100000

80000

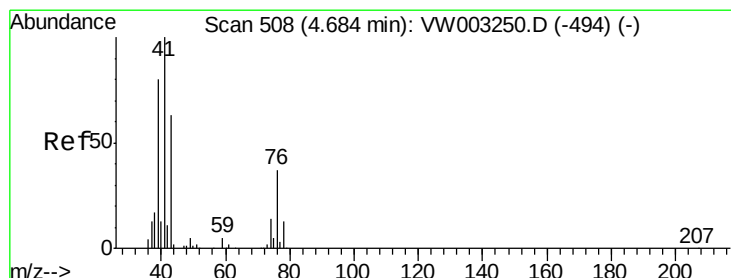
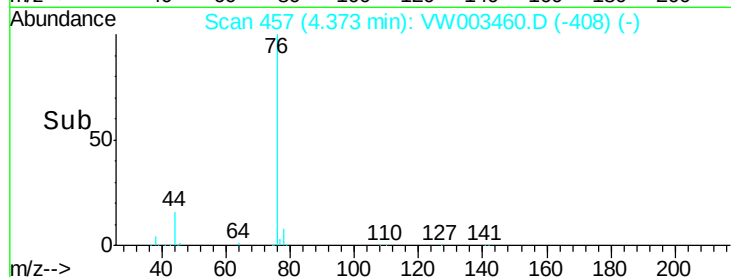
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 81.342 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003460.D

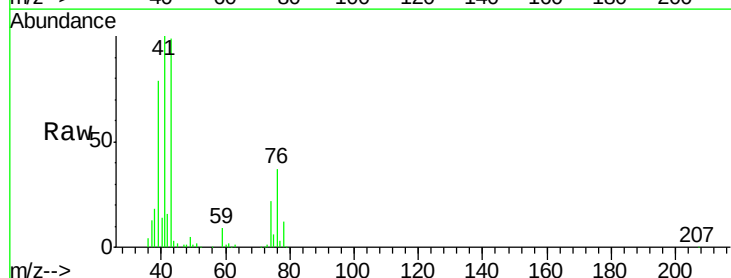
Acq: 23 Jun 2018 15:11

Tgt Ion: 43 Resp: 110876

Ion Ratio Lower Upper

43 100

74 21.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

40000

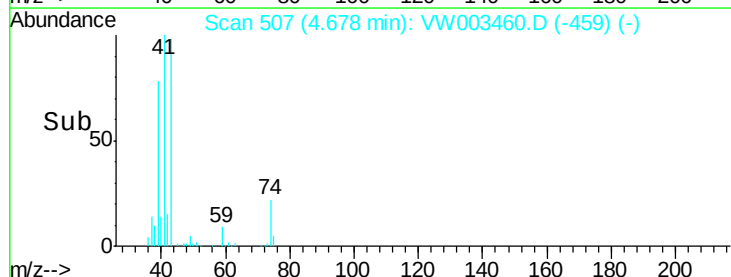
30000

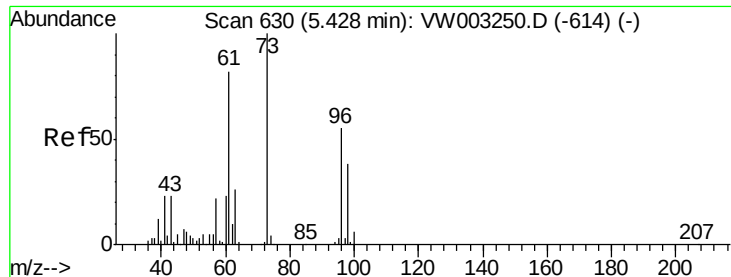
20000

10000

0

Time-->

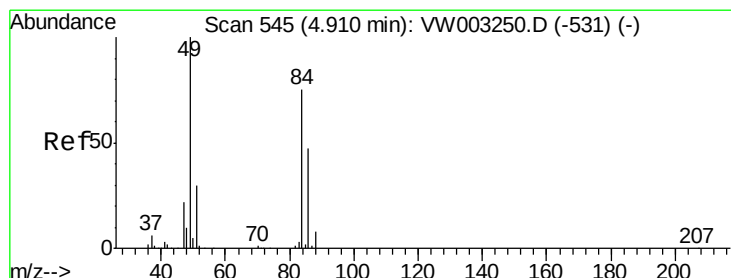
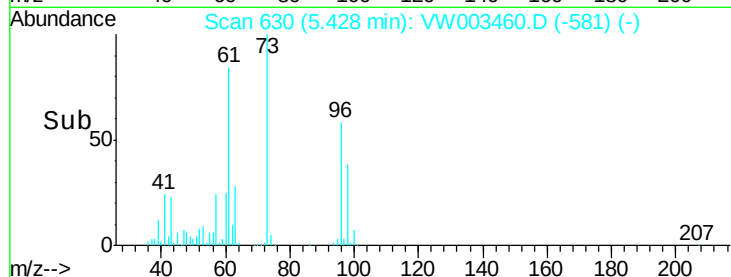
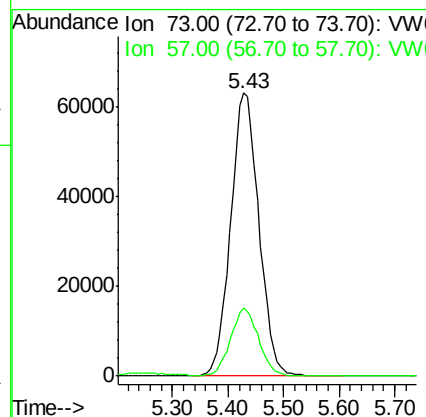
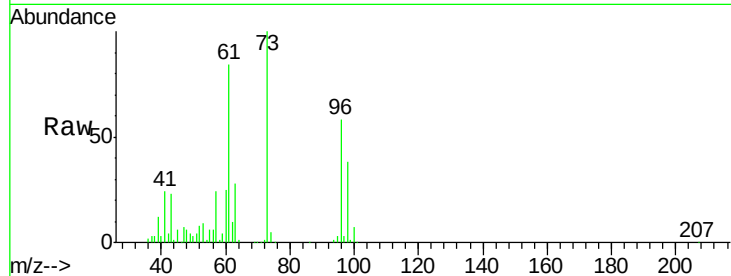




#19
Methyl tert-butyl Ether
Concen: 51.506 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

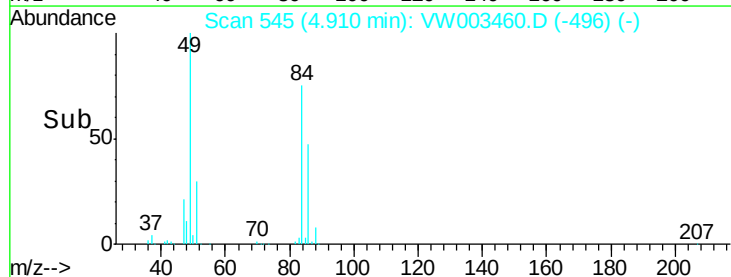
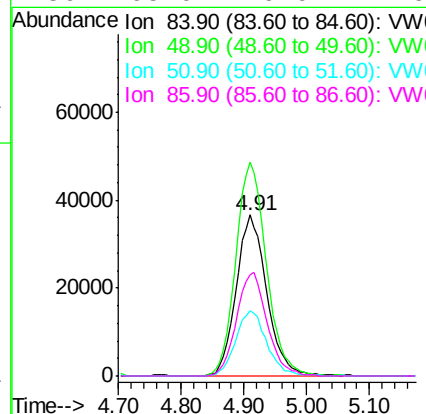
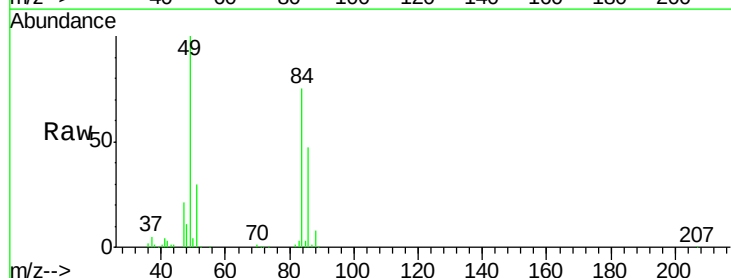
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

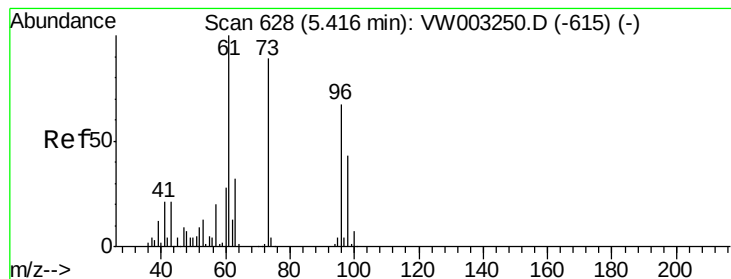
Tgt Ion: 73 Resp: 220881
Ion Ratio Lower Upper
73 100
57 24.0 18.0 27.0



#20
Methylene Chloride
Concen: 50.636 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 84 Resp: 123479
Ion Ratio Lower Upper
84 100
49 132.9 106.3 159.5
51 40.3 32.0 48.0
86 63.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.733 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

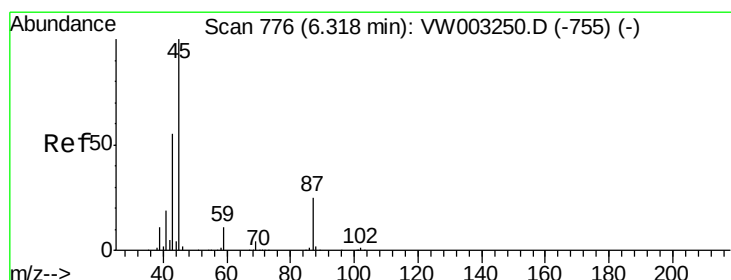
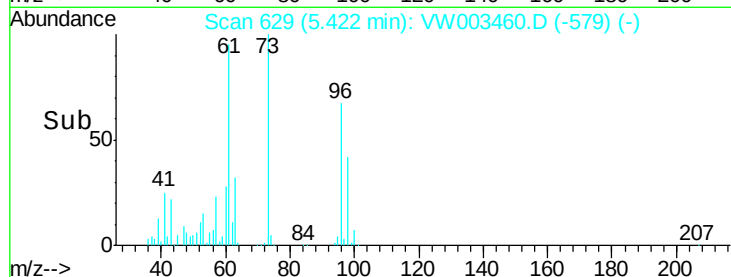
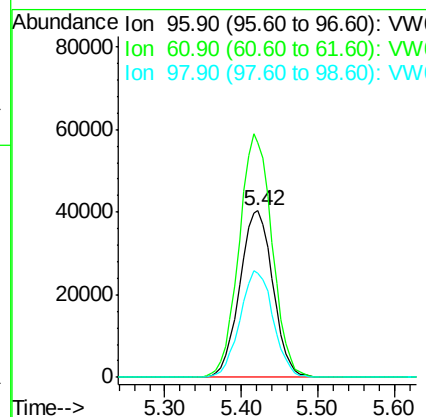
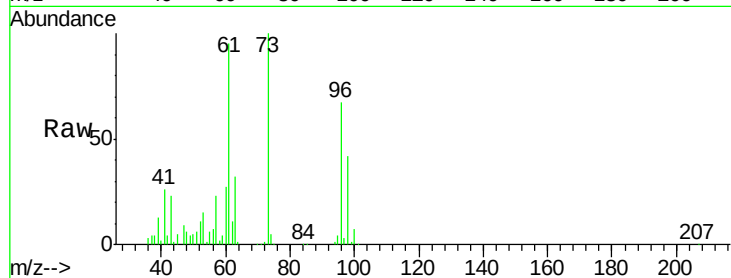
Tgt Ion: 96 Resp: 121436

Ion Ratio Lower Upper

96 100

61 141.1 118.7 178.1

98 62.6 51.0 76.6



#22

Diisopropyl ether

Concen: 49.304 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion: 45 Resp: 393552

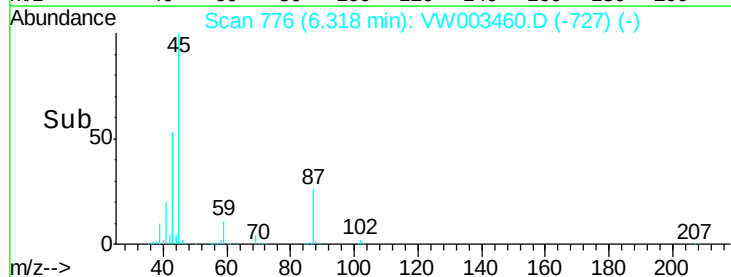
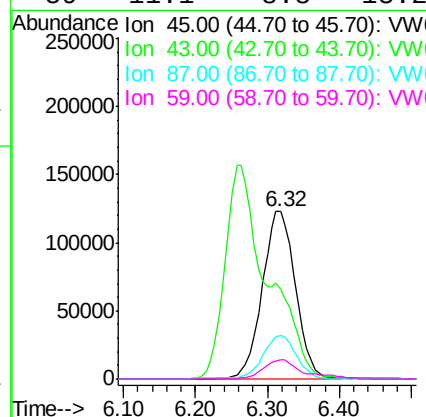
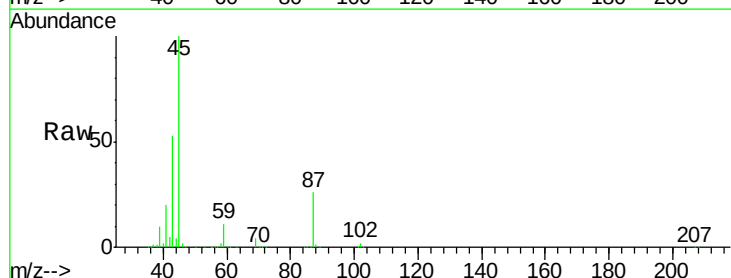
Ion Ratio Lower Upper

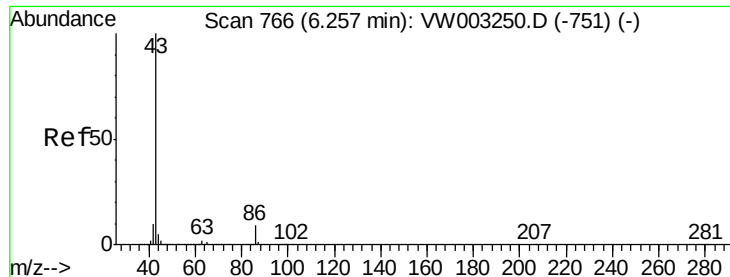
45 100

43 53.2 44.0 66.0

87 25.5 20.6 31.0

59 11.1 8.8 13.2





#23

Vinyl Acetate

Concen: 139.833 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

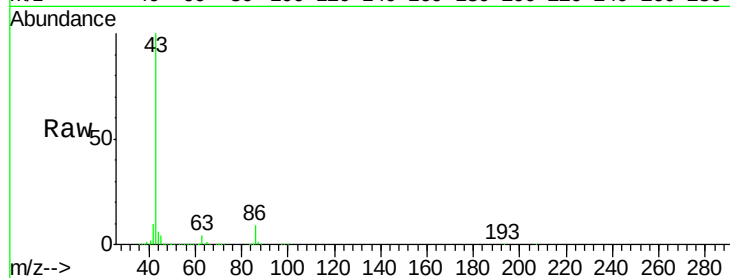
WP021SB482-15-17-180619MSD

Tgt Ion: 43 Resp: 643202

Ion Ratio Lower Upper

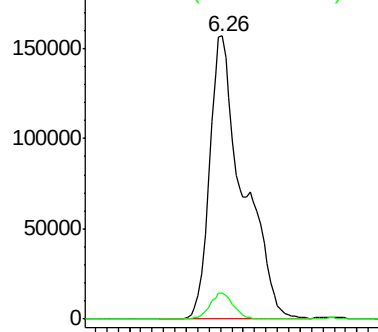
43 100

86 9.3 7.5 11.3

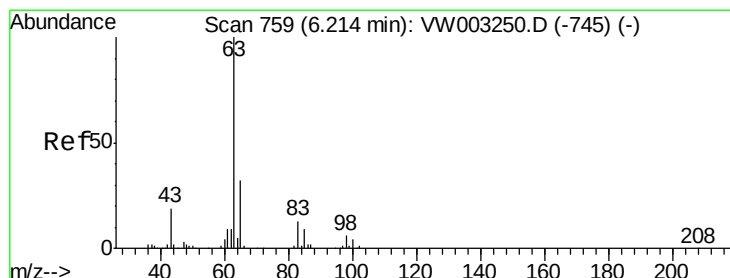
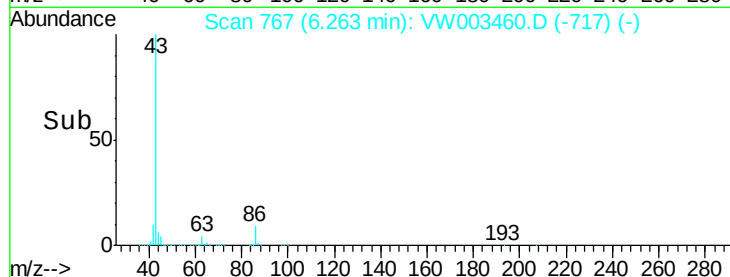


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 49.287 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

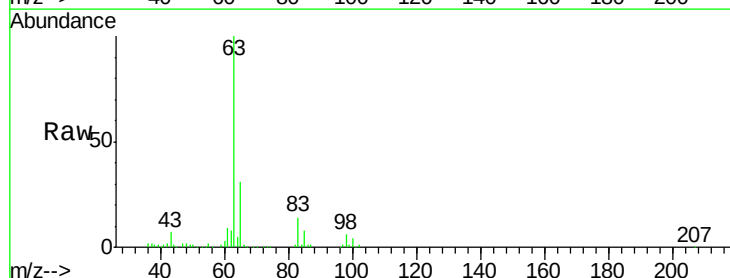
Tgt Ion: 63 Resp: 233553

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.3

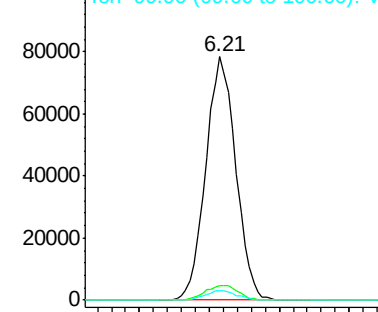
100 4.0 2.1 6.5



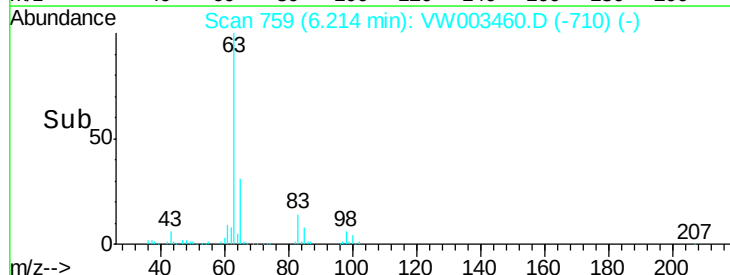
Abundance Ion 62.90 (62.60 to 63.60): VW

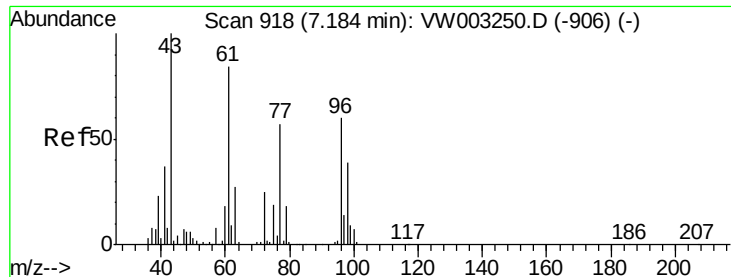
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 301.072 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

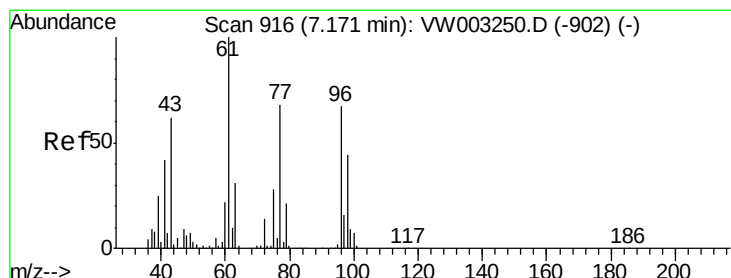
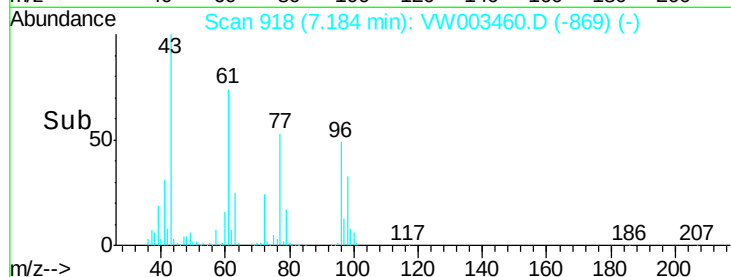
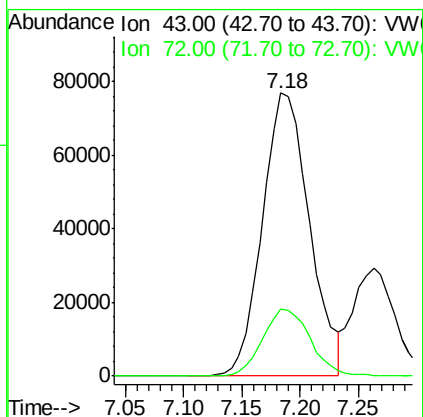
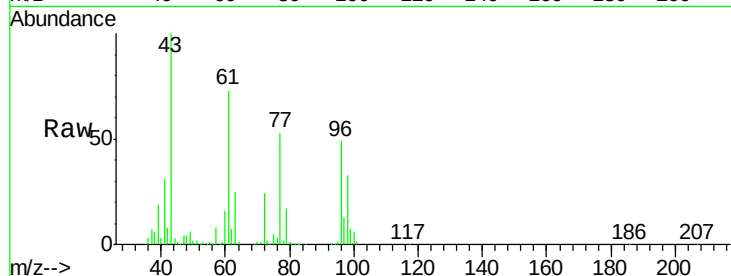
WP021SB482-15-17-180619MSD

Tgt Ion: 43 Resp: 215110

Ion Ratio Lower Upper

43 100

72 23.8 20.3 30.5



#26

2,2-Dichloropropane

Concen: 48.334 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003460.D

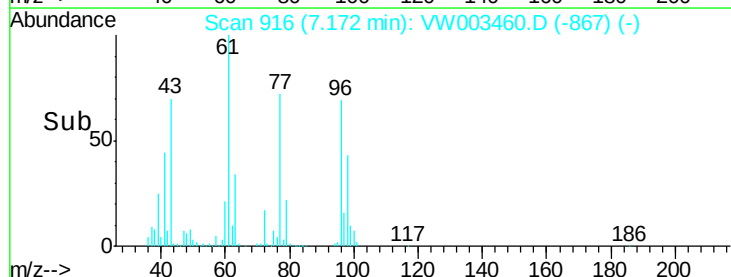
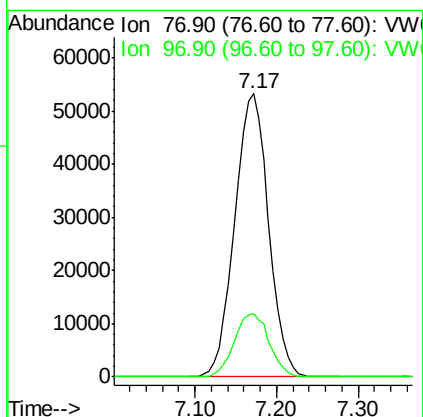
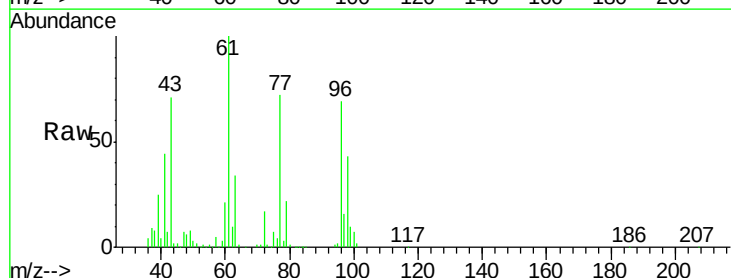
Acq: 23 Jun 2018 15:11

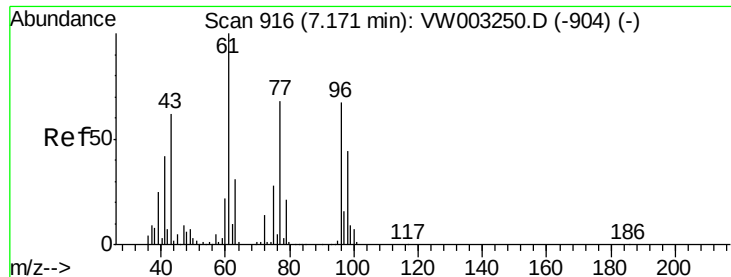
Tgt Ion: 77 Resp: 152855

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9



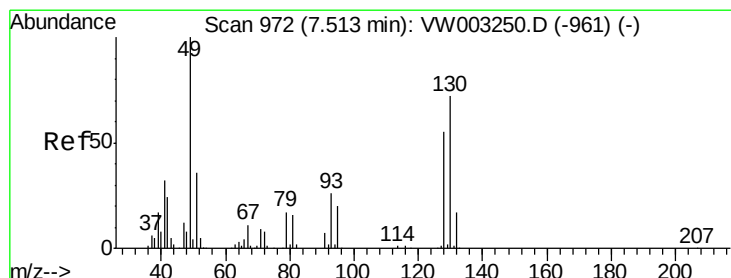
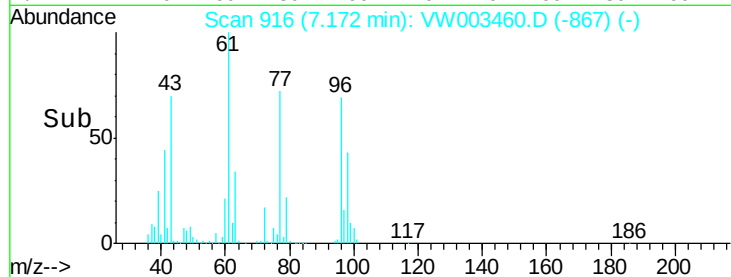
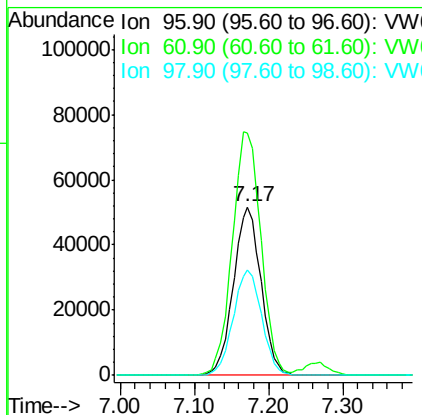
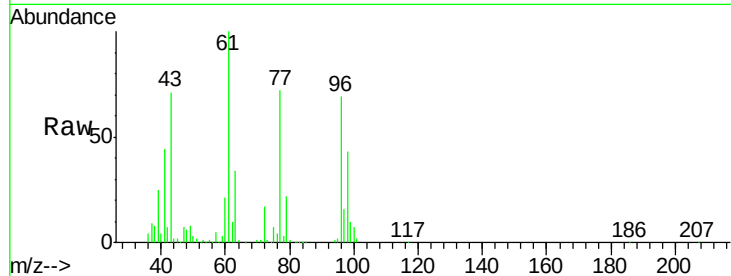


#27

cis-1,2-Dichloroethene
Concen: 48.868 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

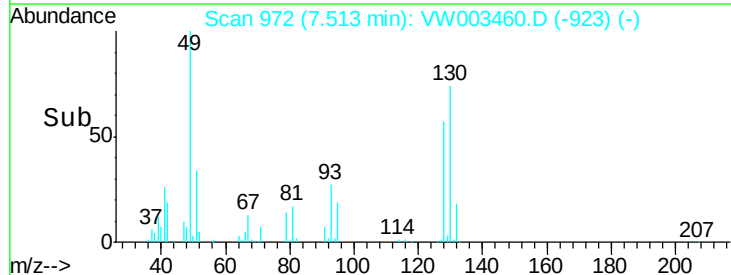
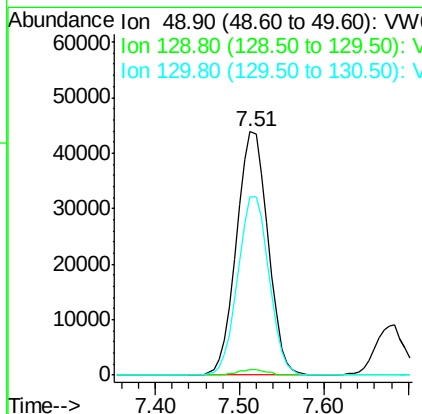
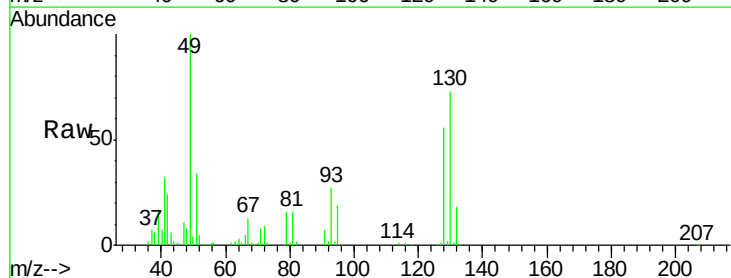
Tgt Ion: 96 Resp: 133770
Ion Ratio Lower Upper
96 100
61 150.8 0.0 298.8
98 64.4 0.0 130.4

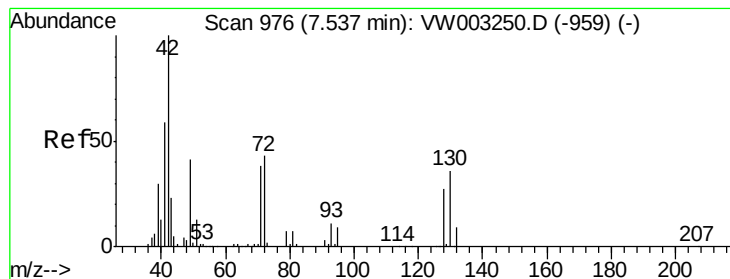


#28

Bromochloromethane
Concen: 56.104 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 49 Resp: 110631
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 72.6 59.4 89.2





#29

Tetrahydrofuran

Concen: 266.401 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

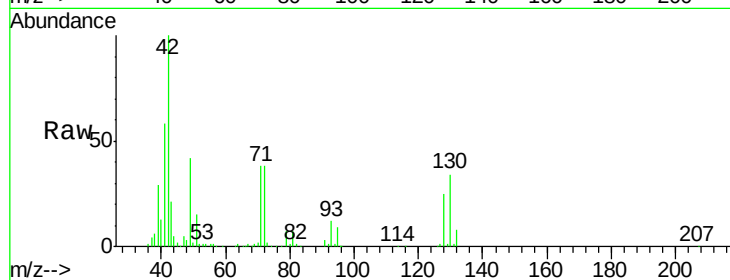
Tgt Ion: 42 Resp: 116328

Ion Ratio Lower Upper

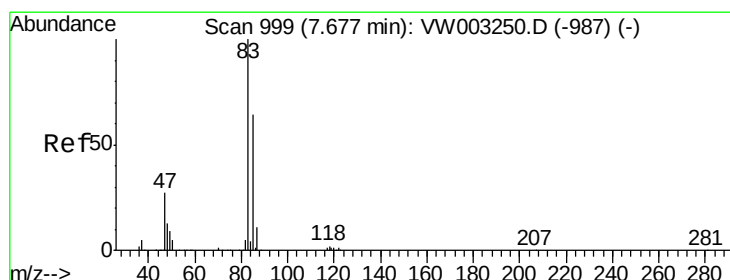
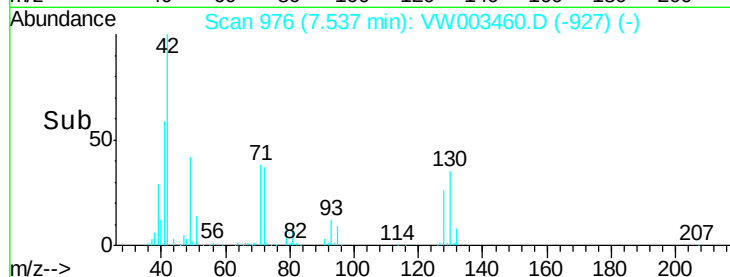
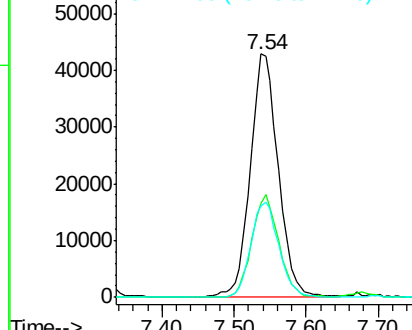
42 100

72 40.3 32.4 48.6

71 39.0 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 50.251 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003460.D

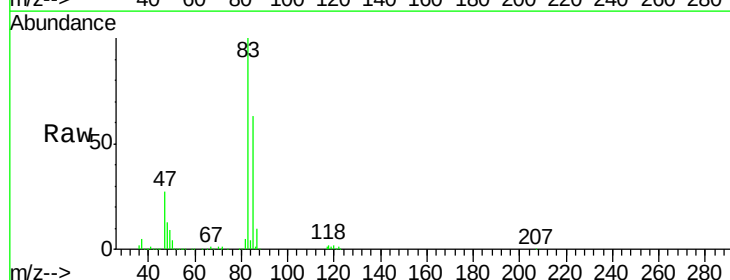
Acq: 23 Jun 2018 15:11

Tgt Ion: 83 Resp: 242593

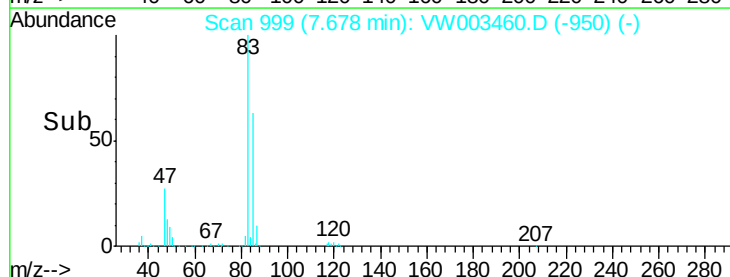
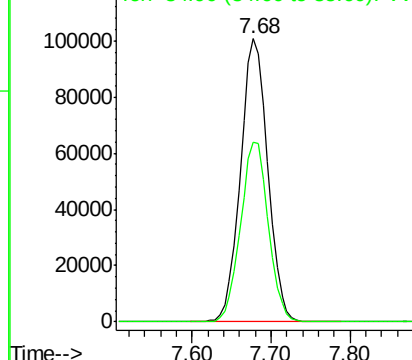
Ion Ratio Lower Upper

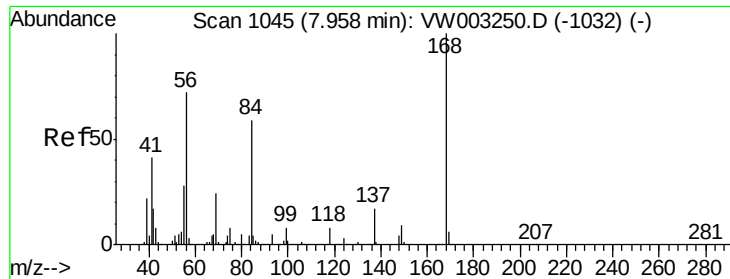
83 100

85 63.3 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

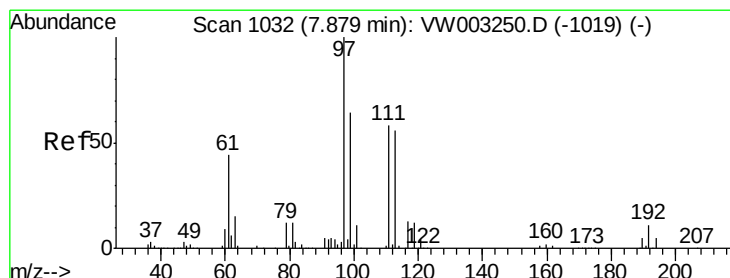
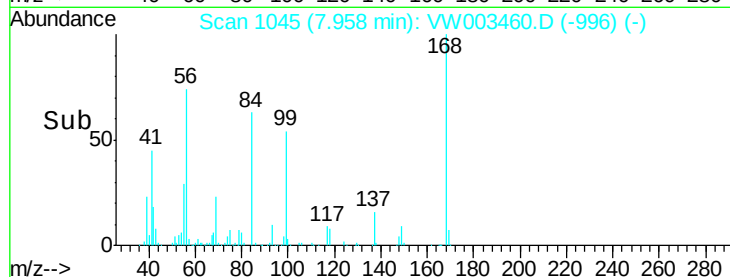
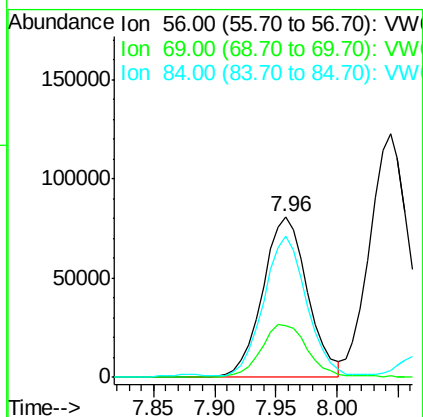
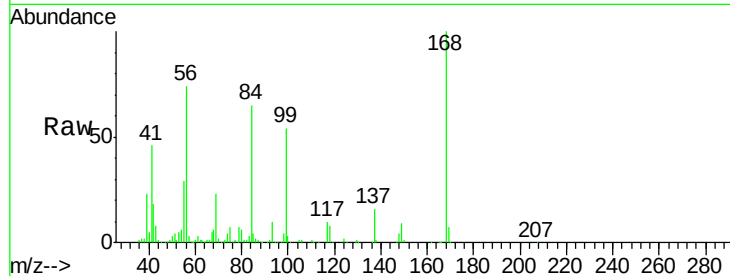




#31
Cyclohexane
Concen: 46.597 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

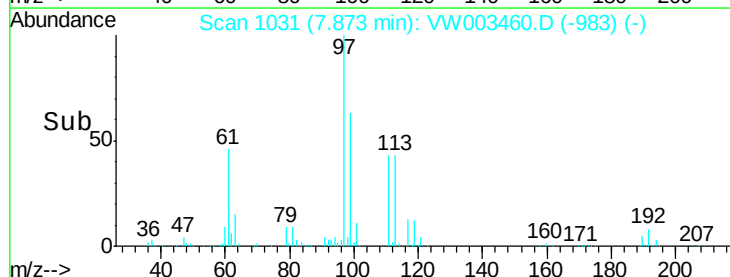
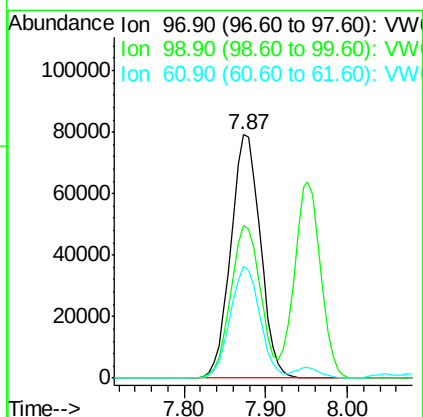
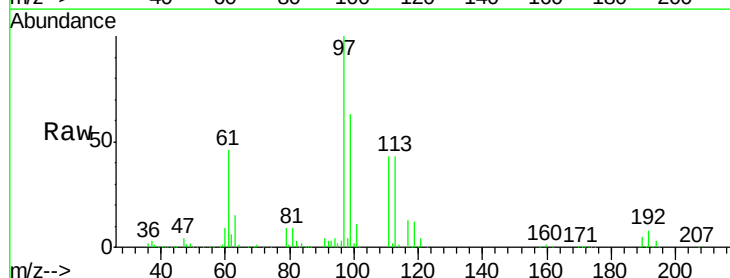
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

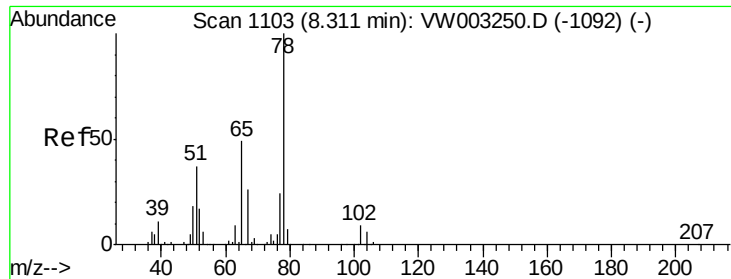
Tgt Ion: 56 Resp: 206282
Ion Ratio Lower Upper
56 100
69 31.6 26.3 39.5
84 86.2 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 49.635 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 97 Resp: 197787
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 46.0 37.6 56.4

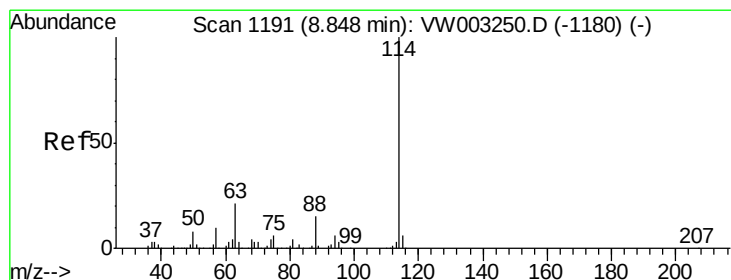
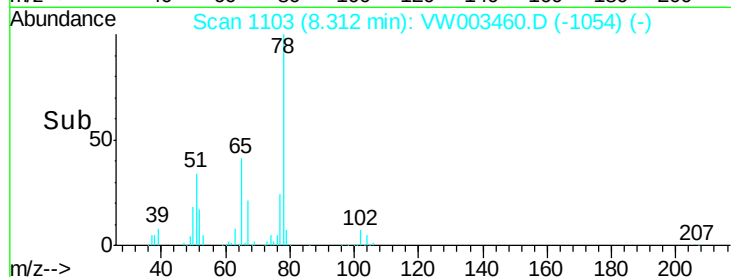
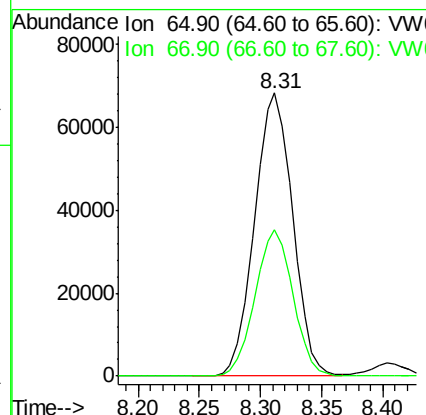
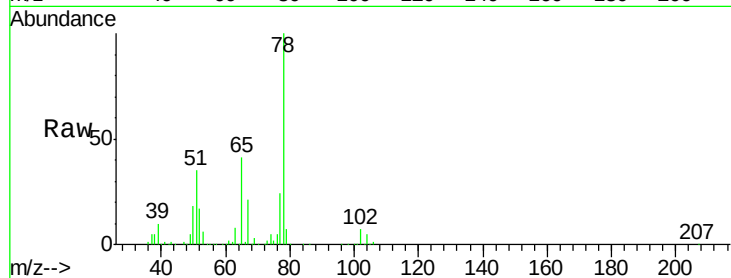




#33
 1,2-Dichloroethane-d4
 Concen: 54.144 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

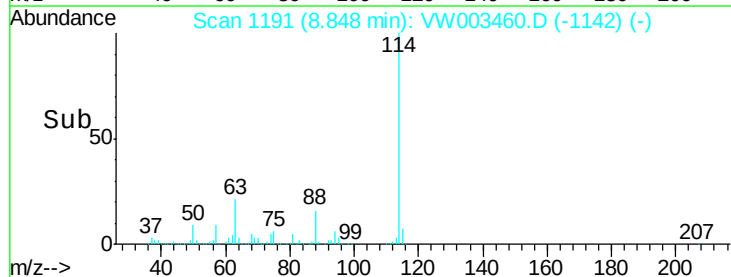
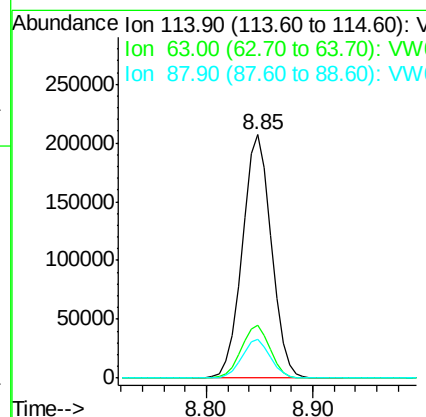
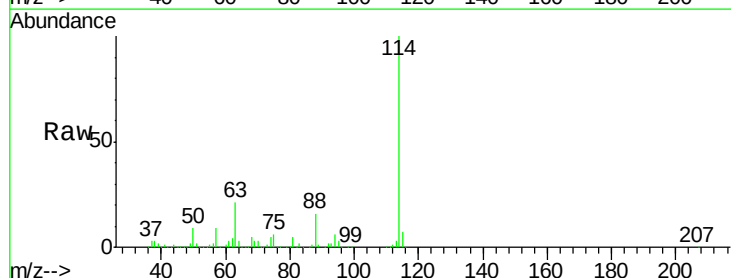
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

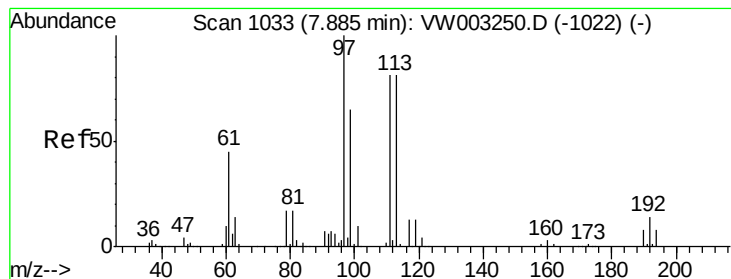
Tgt Ion: 65 Resp: 148334
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion: 114 Resp: 396323
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.915 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

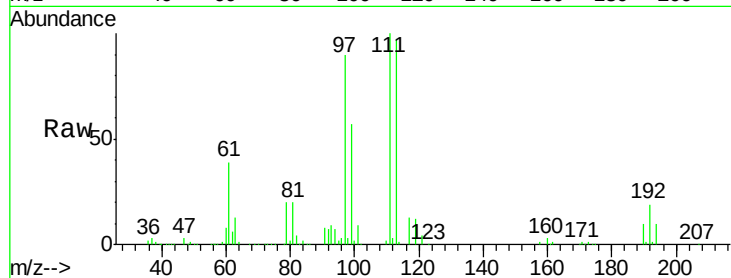
Tgt Ion:113 Resp: 127847

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

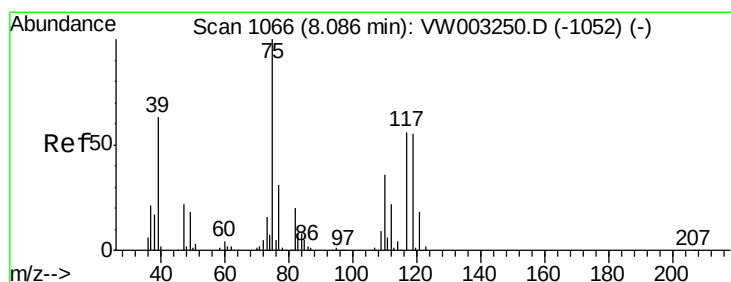
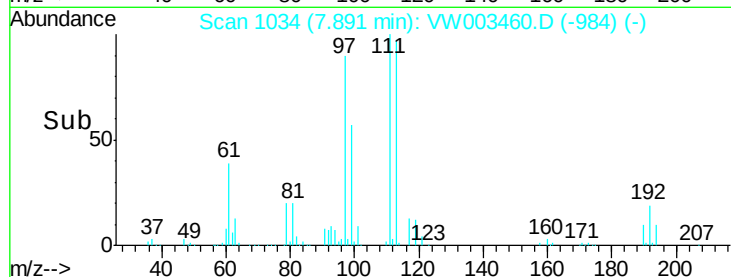
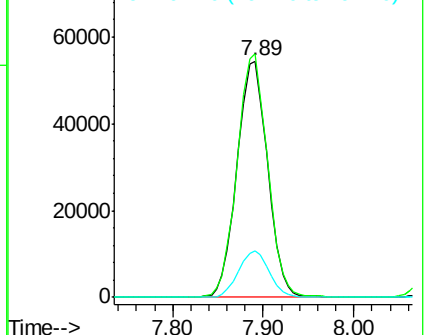
192 19.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.849 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

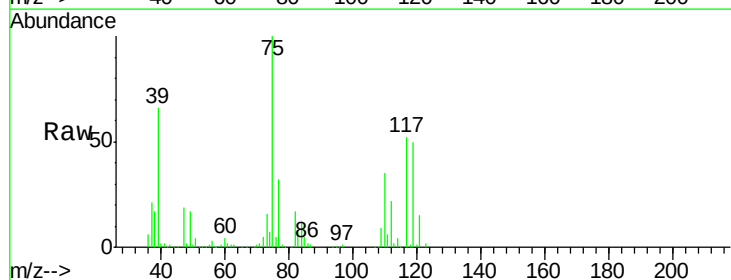
Tgt Ion: 75 Resp: 186967

Ion Ratio Lower Upper

75 100

110 34.4 17.1 51.3

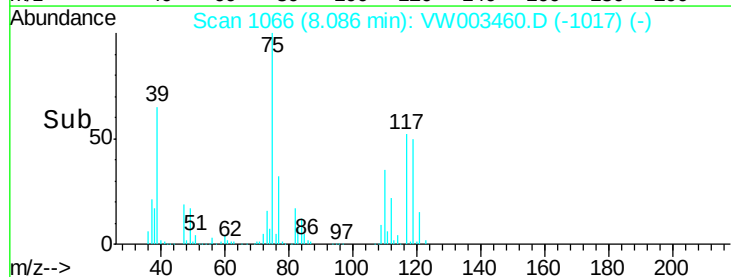
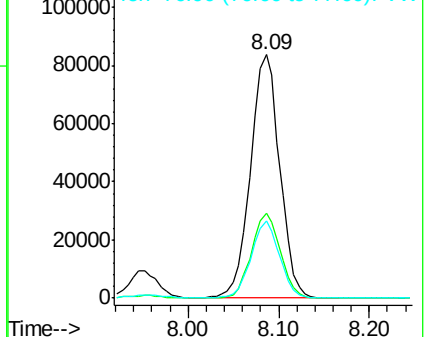
77 31.1 24.9 37.3

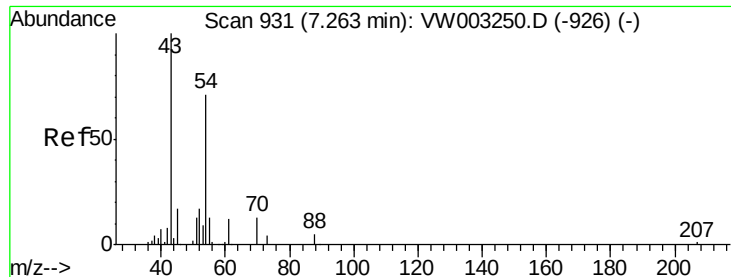


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

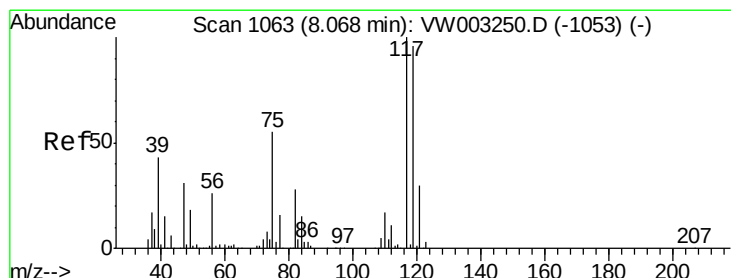
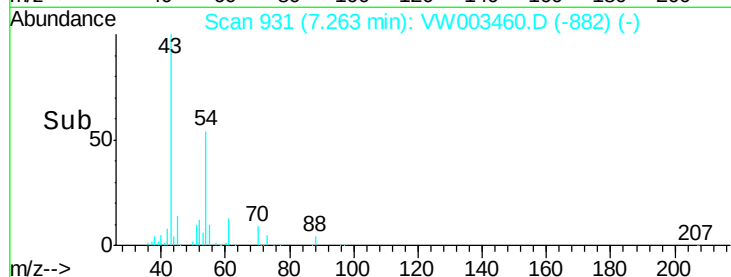
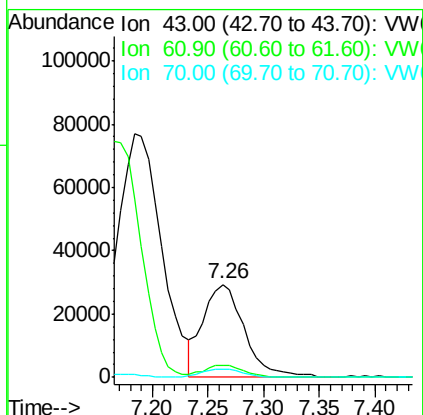
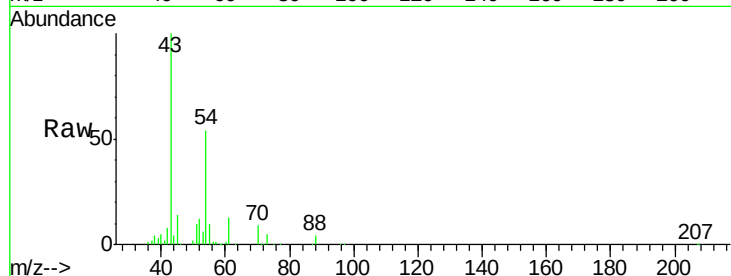




#37
Ethyl Acetate
Concen: 46.942 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

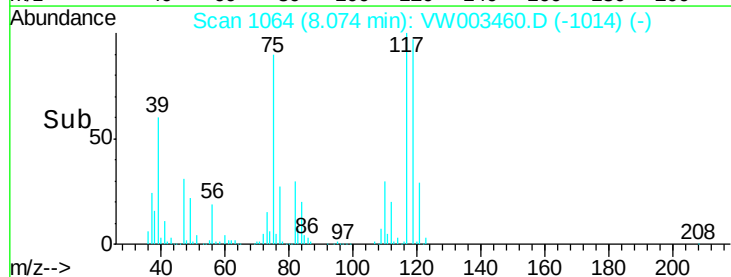
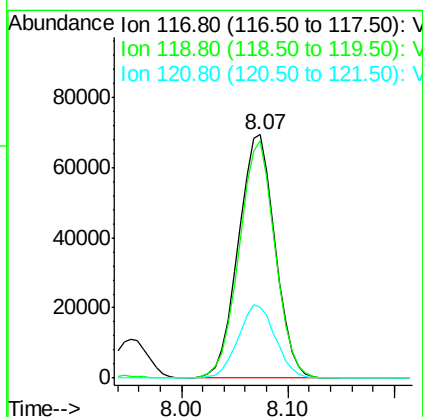
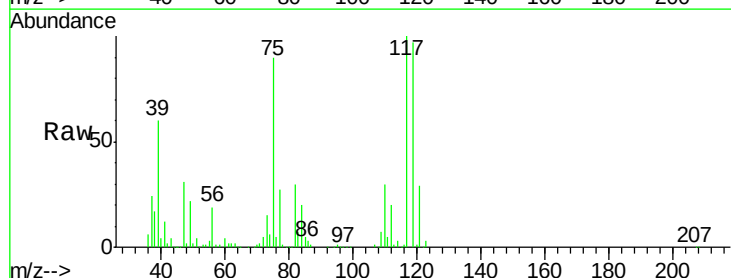
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

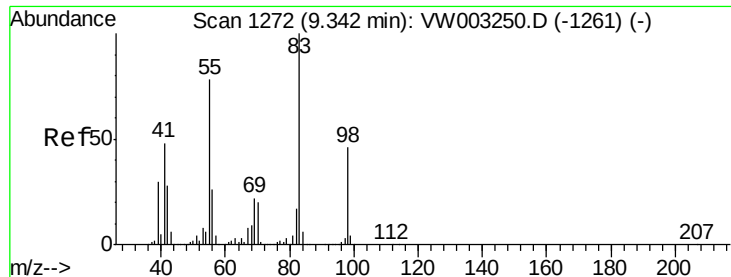
Tgt Ion: 43 Resp: 74433
Ion Ratio Lower Upper
43 100
61 12.7 10.8 16.2
70 9.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 44.777 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 117 Resp: 168110
Ion Ratio Lower Upper
117 100
119 97.2 76.6 115.0
121 29.2 23.9 35.9

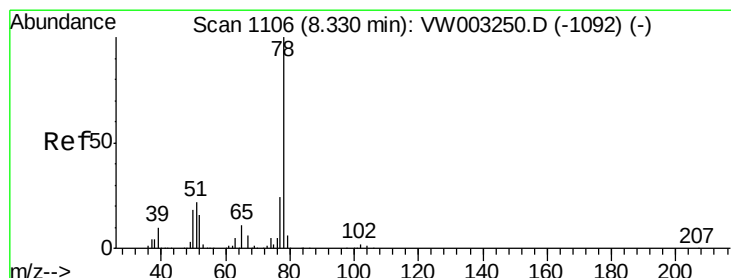
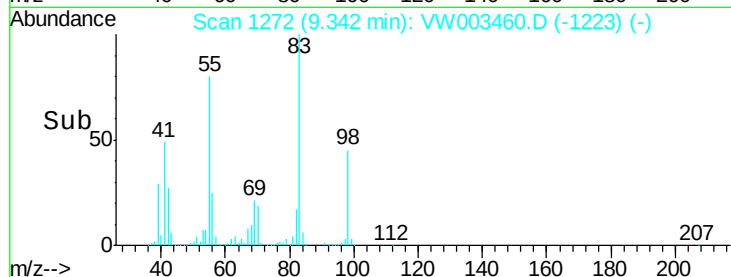
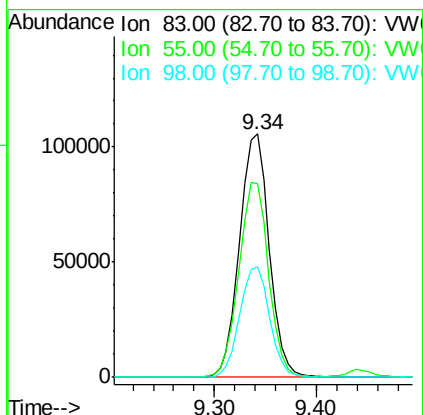
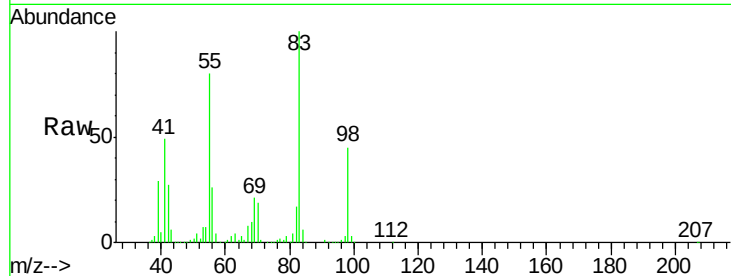




#39
Methylcyclohexane
Concen: 48.490 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

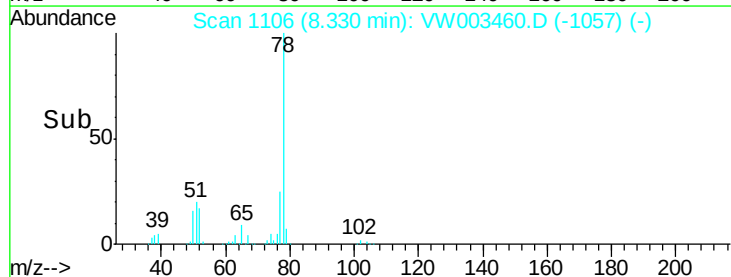
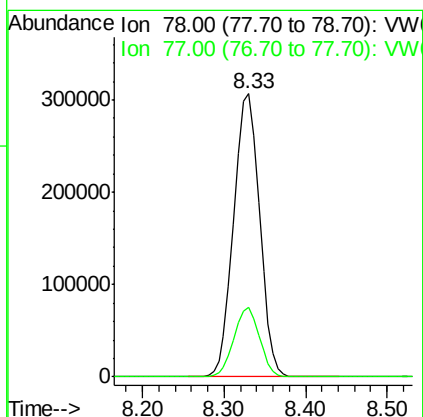
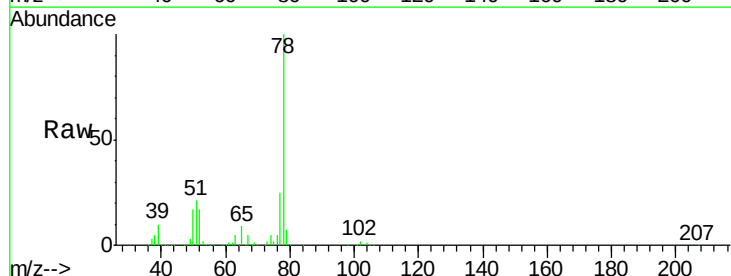
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

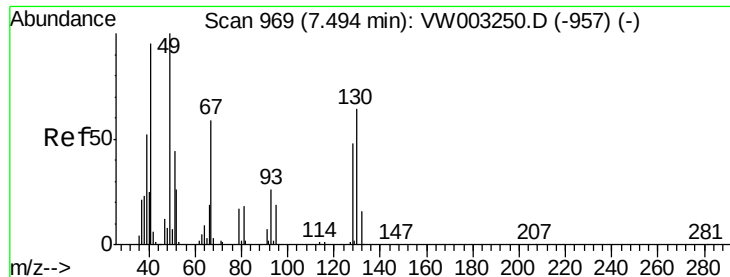
Tgt Ion: 83 Resp: 214744
Ion Ratio Lower Upper
83 100
55 79.4 62.6 93.8
98 45.5 37.0 55.4



#40
Benzene
Concen: 63.851 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 78 Resp: 673634
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

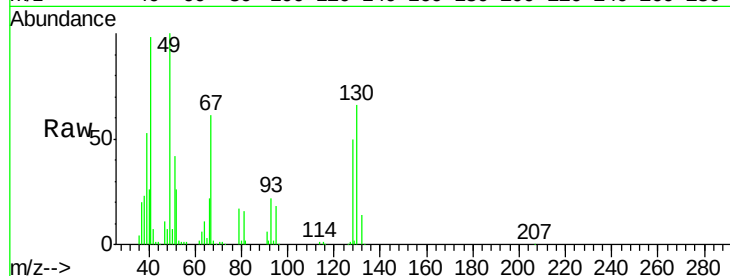




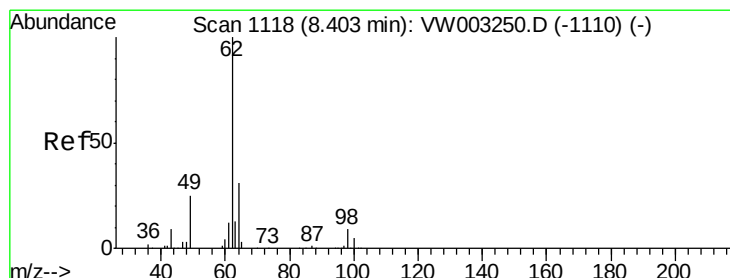
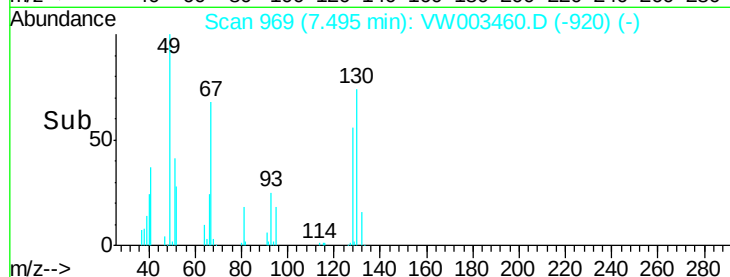
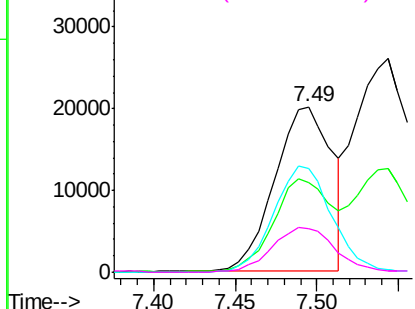
#41
Methacrylonitrile
Concen: 50.409 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

Tgt Ion:	41	Resp:	49049
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.8	68.8
67	66.2	52.3	78.5
52	30.6	24.1	36.1

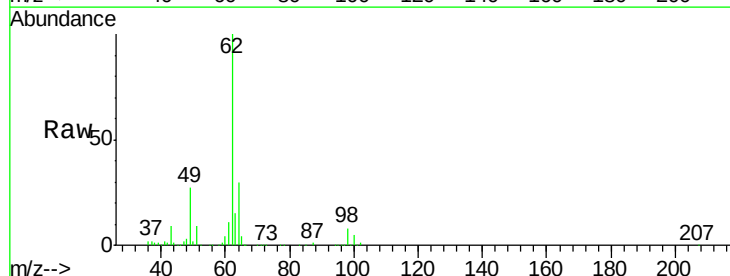


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

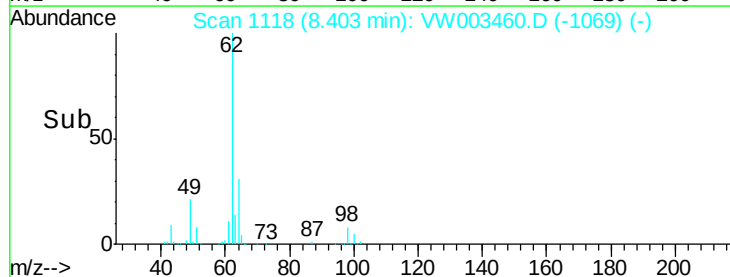
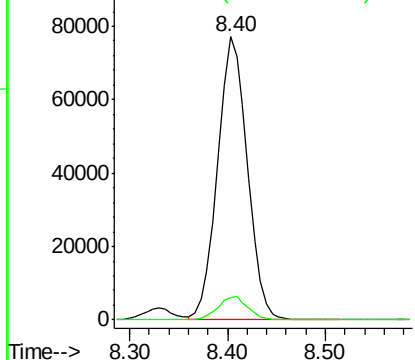


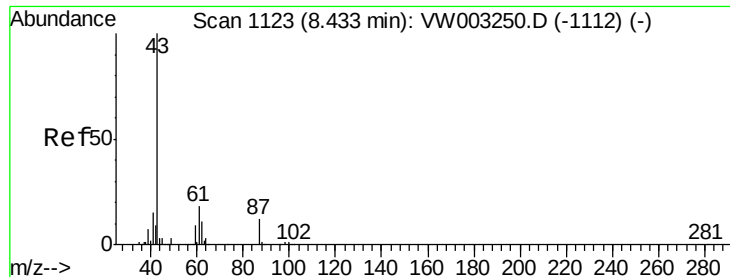
#42
1,2-Dichloroethane
Concen: 49.243 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion:	62	Resp:	162769
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 49.257 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

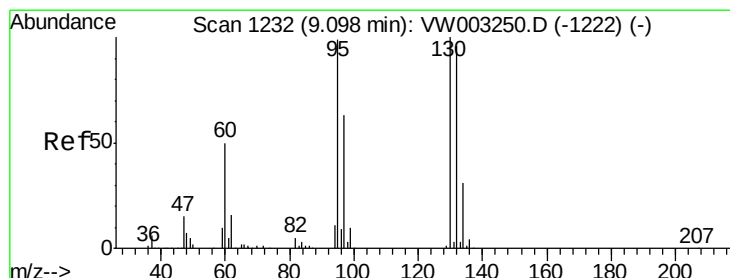
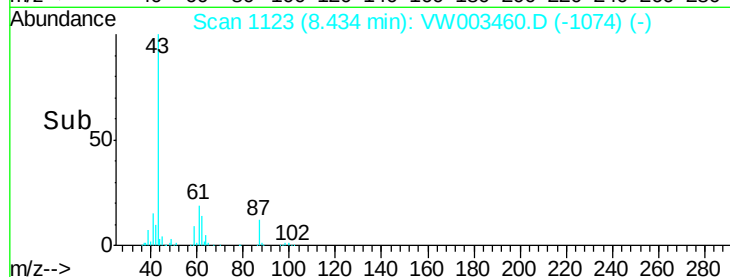
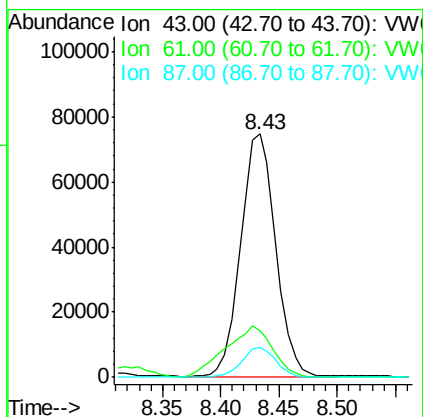
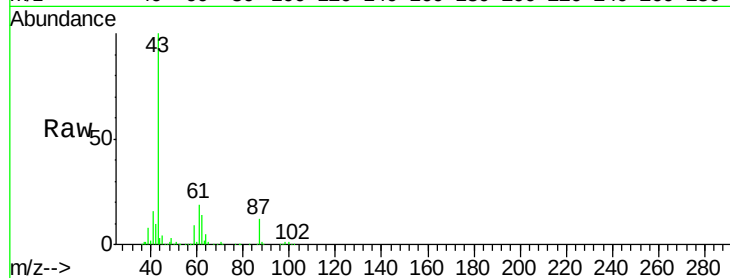
Tgt Ion: 43 Resp: 155082

Ion Ratio Lower Upper

43 100

61 28.5 23.1 34.7

87 12.1 9.8 14.6



#44

Trichloroethene

Concen: 49.088 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003460.D

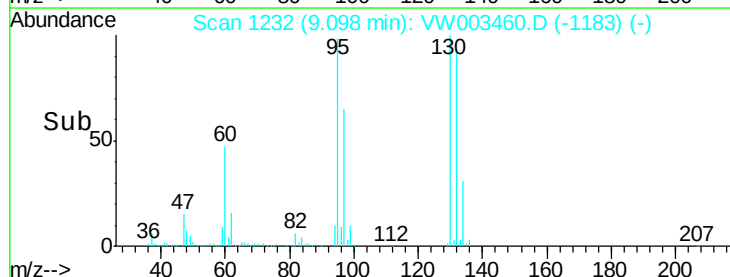
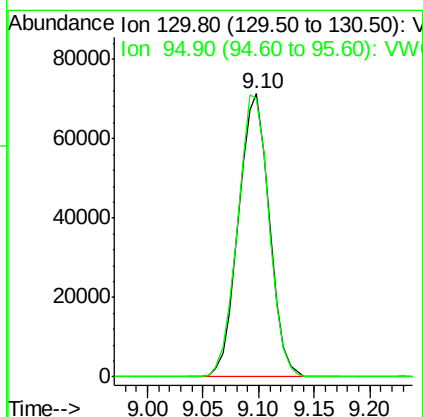
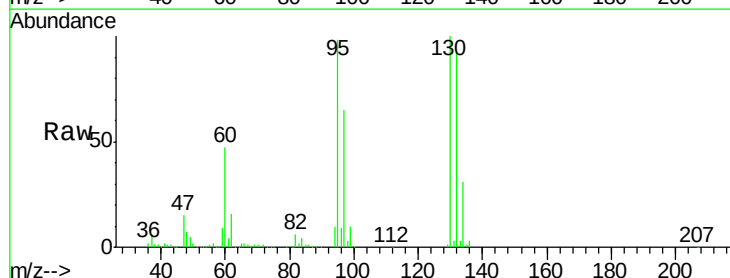
Acq: 23 Jun 2018 15:11

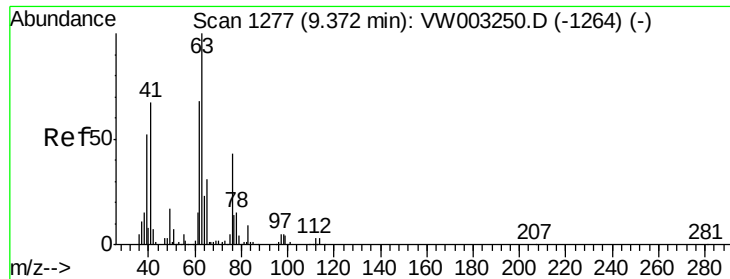
Tgt Ion: 130 Resp: 137227

Ion Ratio Lower Upper

130 100

95 98.5 0.0 198.0

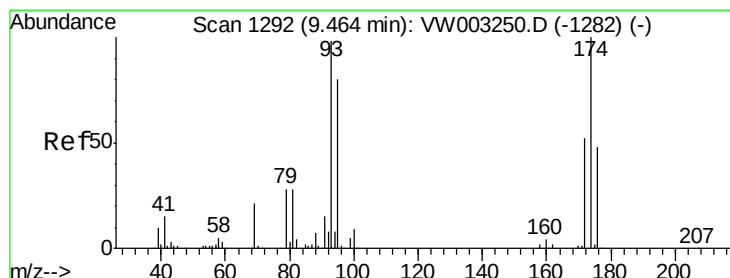
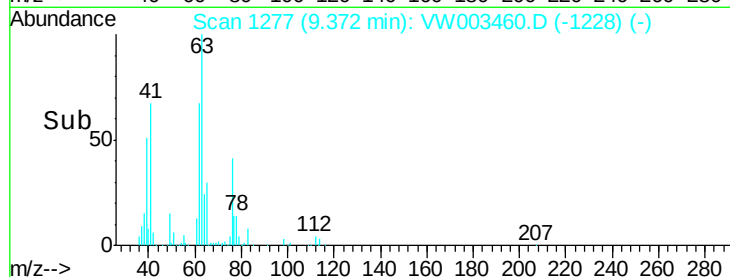
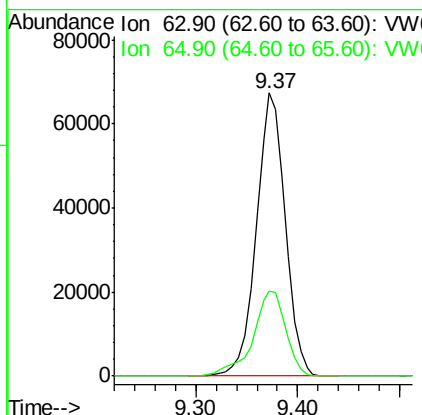
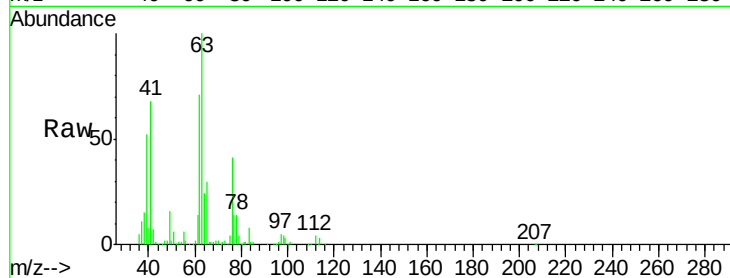




#45
 1,2-Dichloropropane
 Concen: 49.473 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

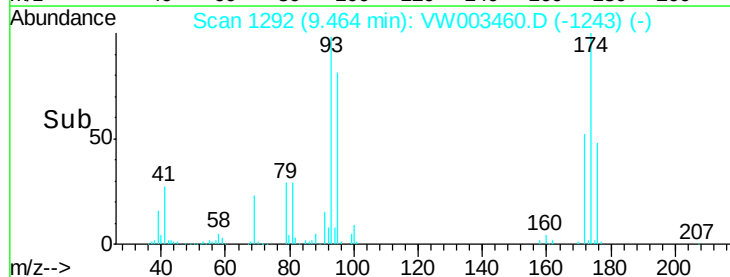
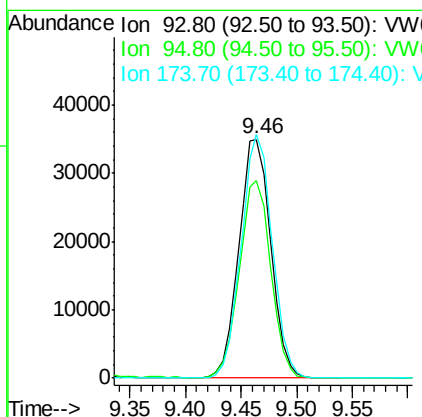
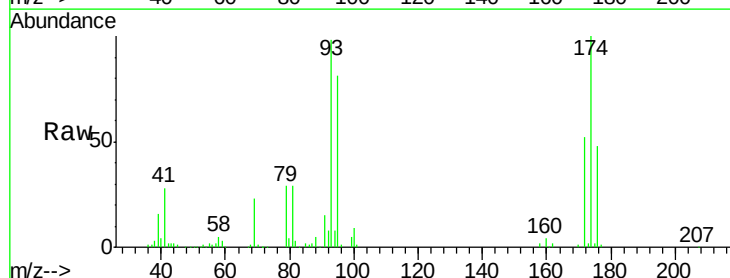
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

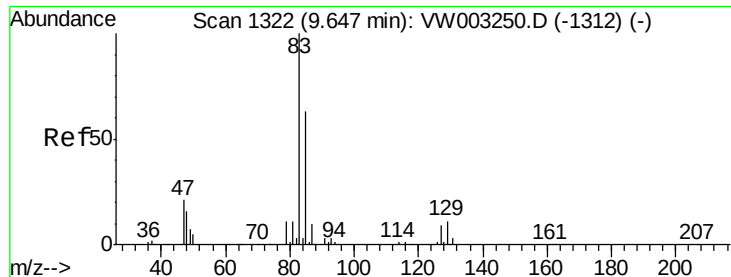
Tgt Ion: 63 Resp: 132894
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.1 37.7



#46
 Dibromomethane
 Concen: 50.693 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion: 93 Resp: 69717
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.8 98.8
 174 99.2 81.4 122.0

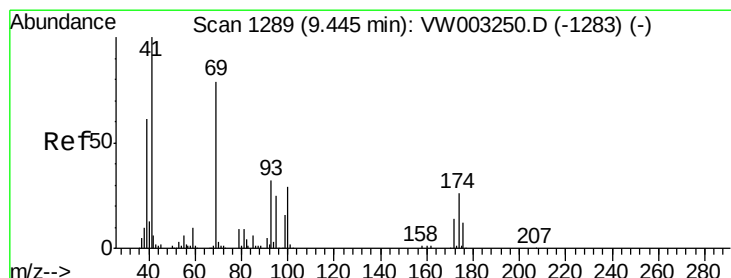
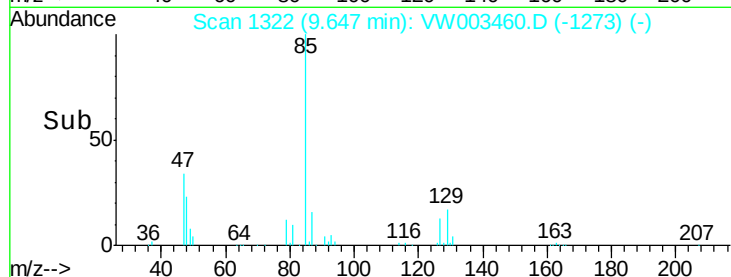
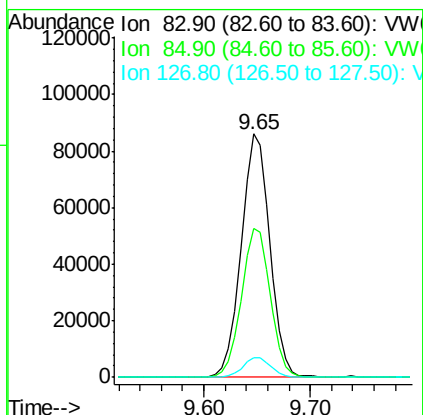
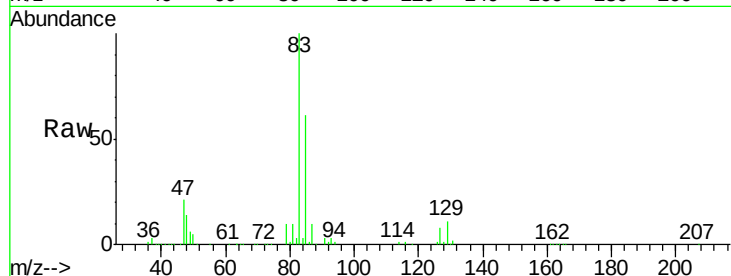




#47
Bromodichloromethane
Concen: 46.122 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

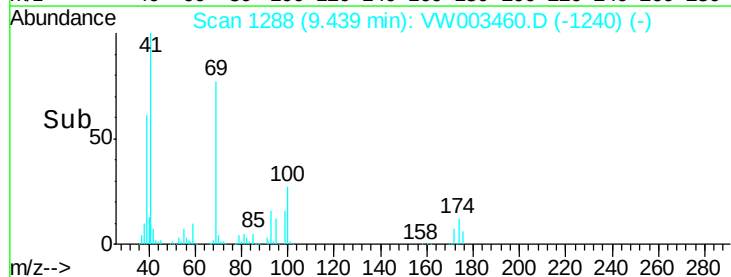
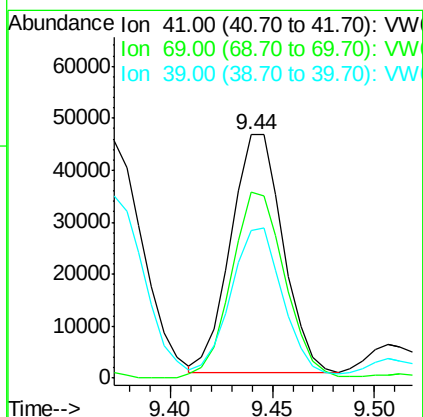
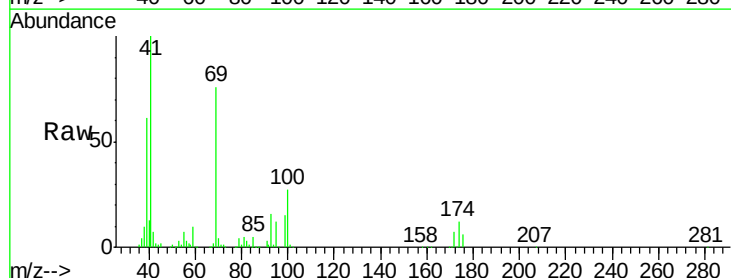
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

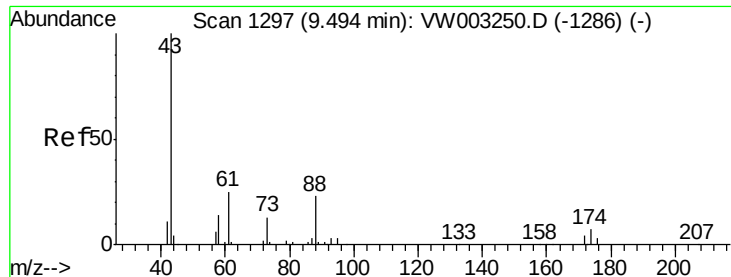
Tgt Ion: 83 Resp: 162590
Ion Ratio Lower Upper
83 100
85 61.2 50.6 75.8
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 54.871 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 41 Resp: 81189
Ion Ratio Lower Upper
41 100
69 80.5 65.4 98.2
39 64.2 54.2 81.2

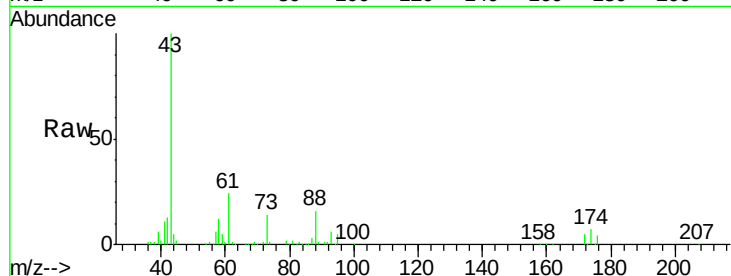




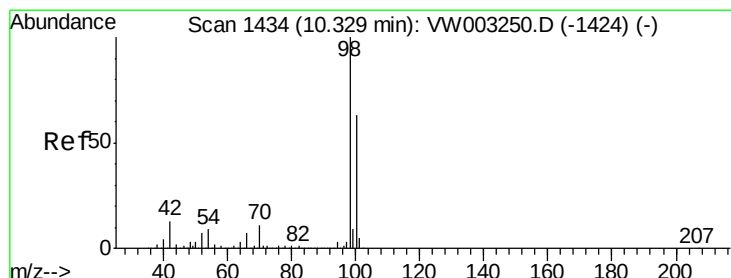
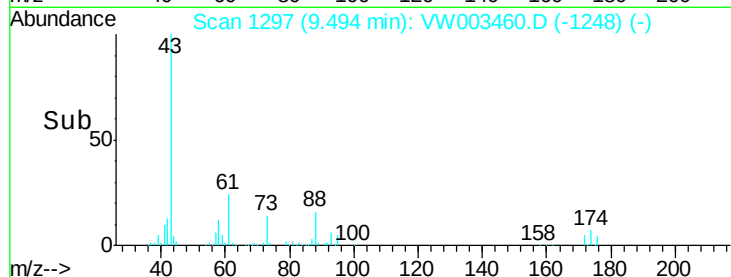
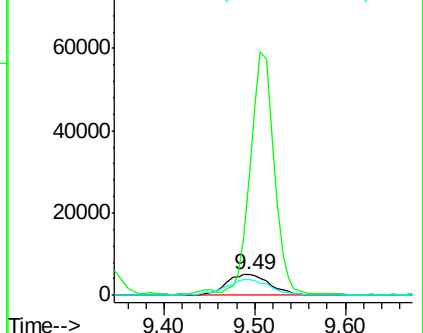
#49
1,4-Dioxane
Concen: 830.139 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

Tgt Ion: 88 Resp: 17238
Ion Ratio Lower Upper
88 100
43 631.9 454.7 682.1
58 77.5 58.6 88.0

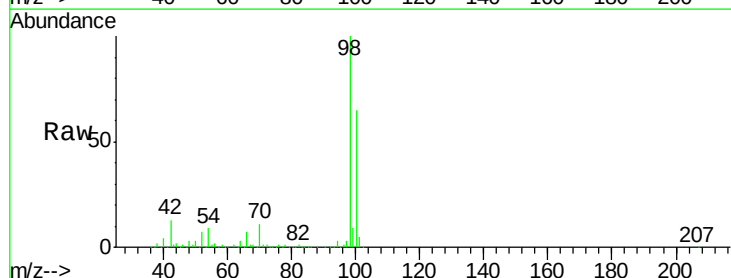


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

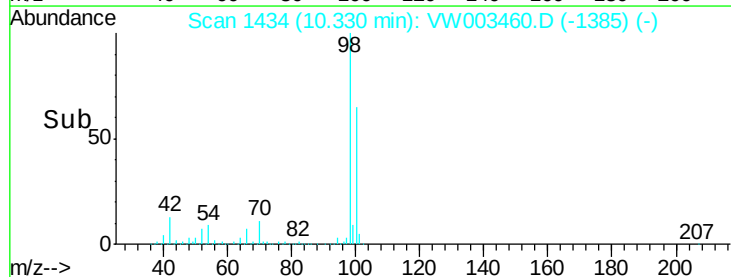
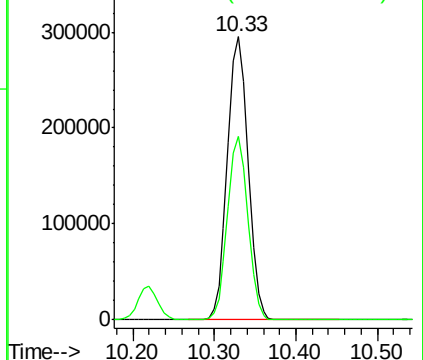


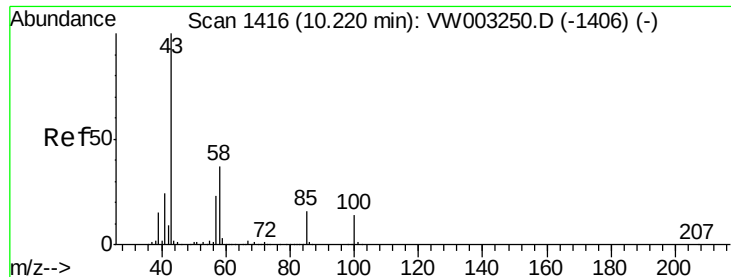
#50
Toluene-d8
Concen: 52.944 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 98 Resp: 516992
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2



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

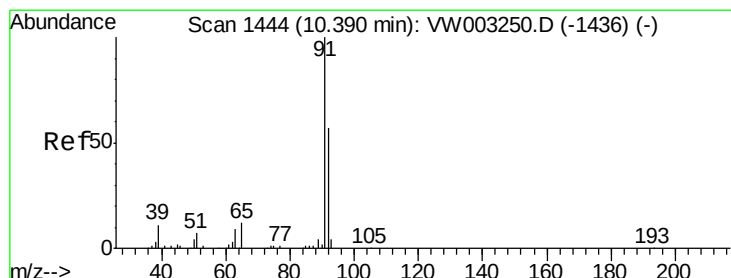
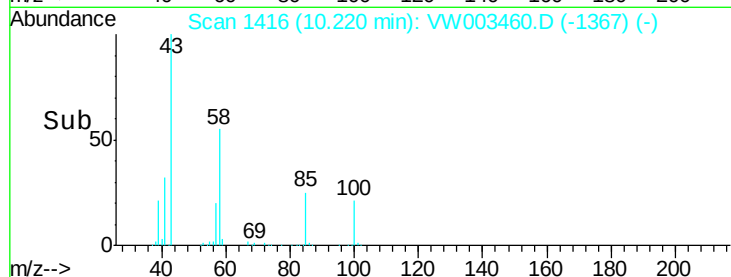
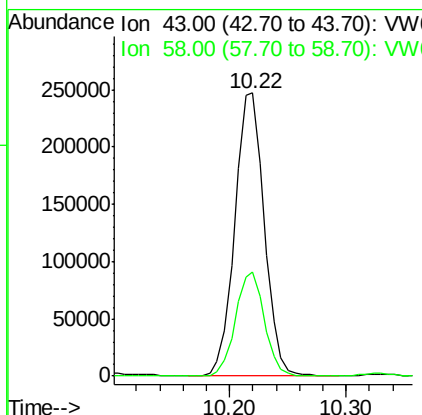
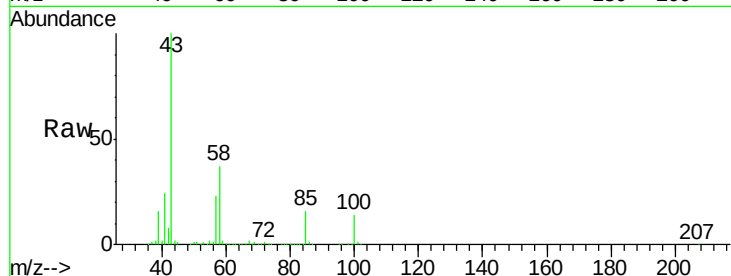




#51
 4-Methyl-2-Pentanone
 Concen: 271.706 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

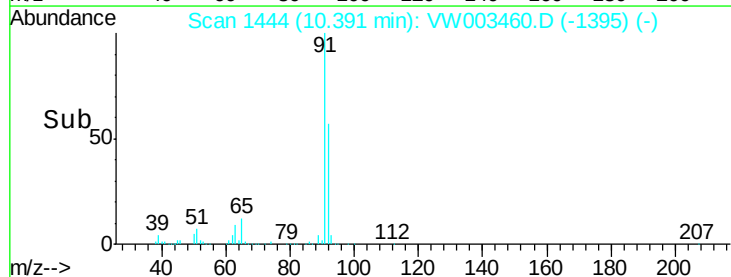
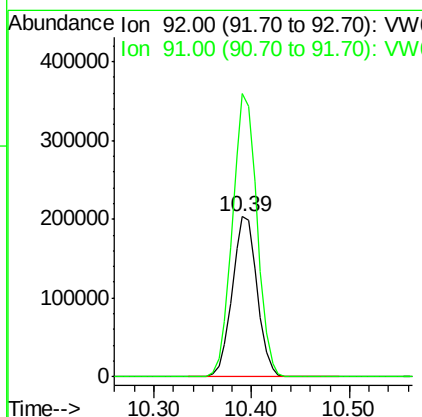
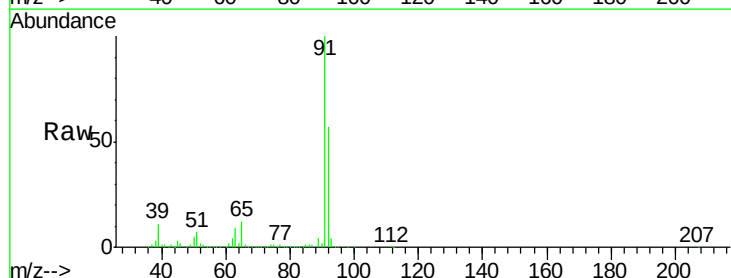
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

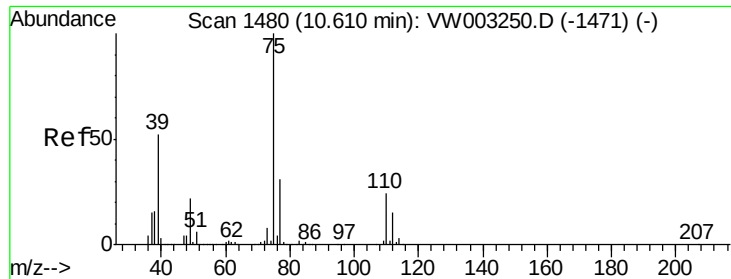
Tgt Ion: 43 Resp: 435900
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.0 43.4



#52
 Toluene
 Concen: 52.761 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion: 92 Resp: 356945
 Ion Ratio Lower Upper
 92 100
 91 175.2 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 44.621 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

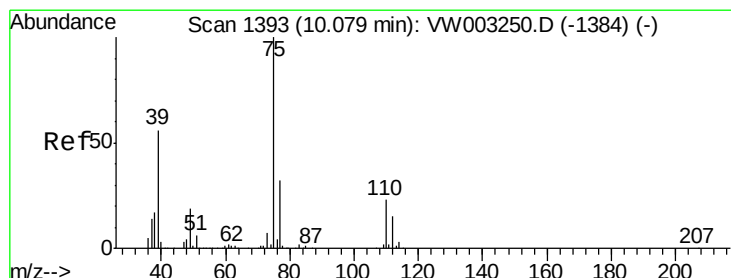
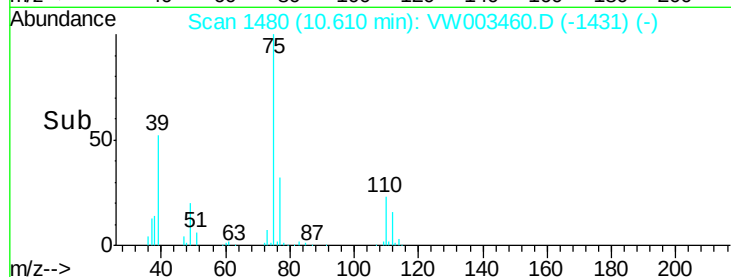
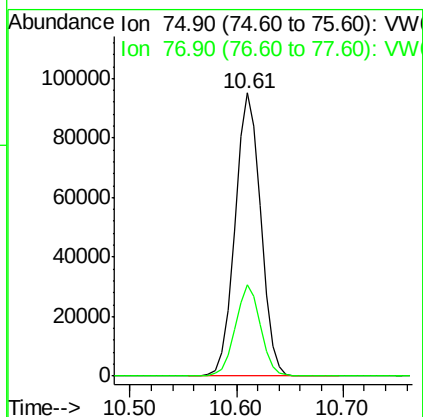
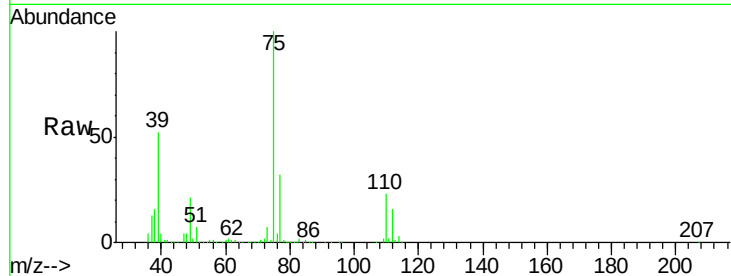
WP021SB482-15-17-180619MSD

Tgt Ion: 75 Resp: 160683

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 42.660 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

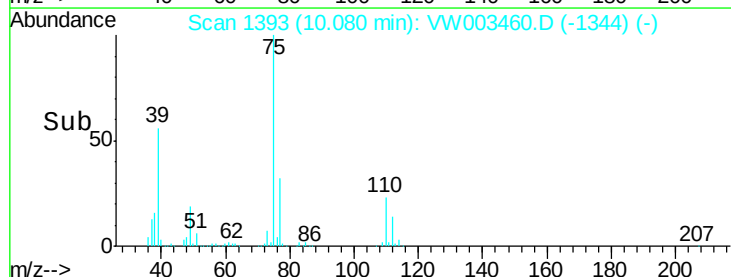
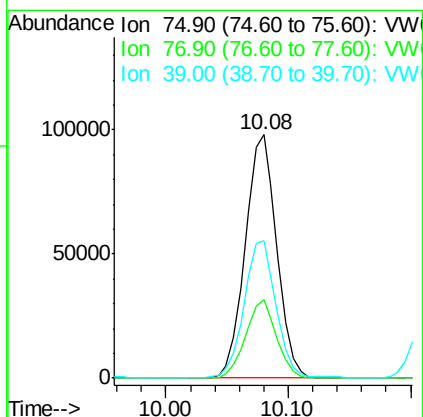
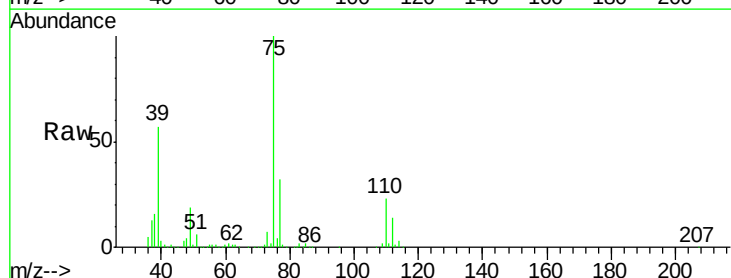
Tgt Ion: 75 Resp: 174844

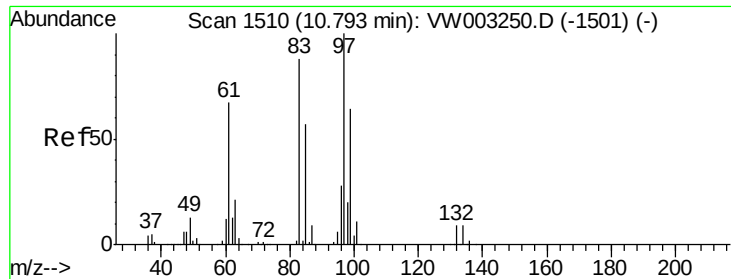
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

39 56.4 45.2 67.8

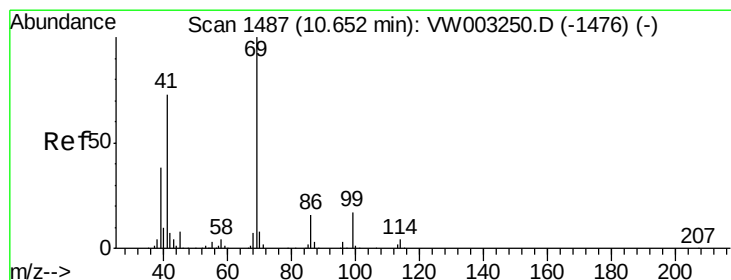
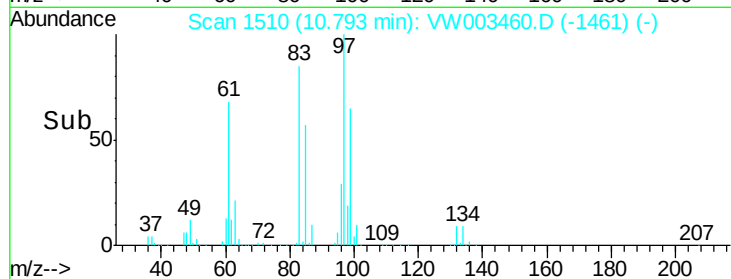
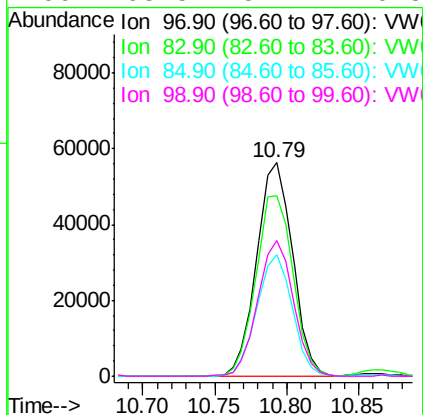
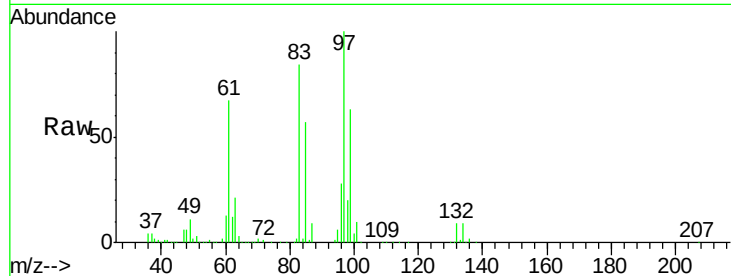




#55
 1,1,2-Trichloroethane
 Concen: 50.258 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

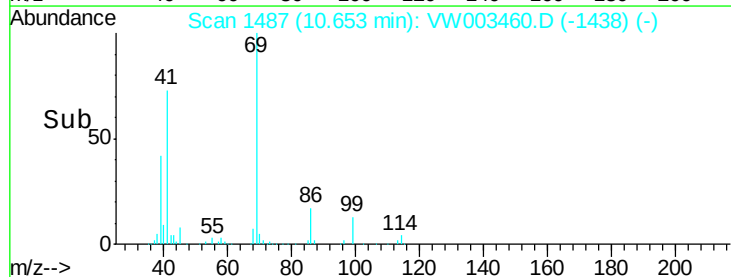
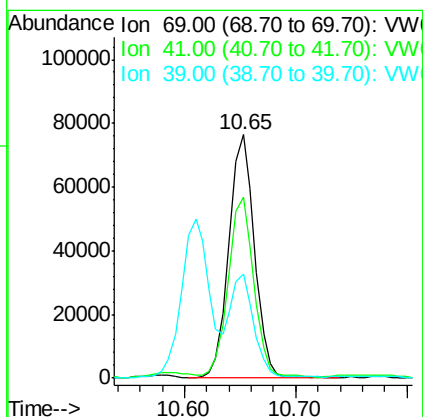
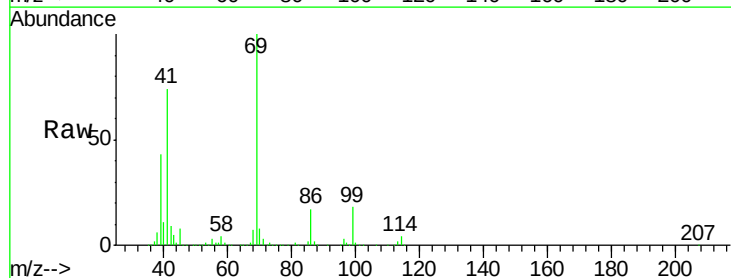
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

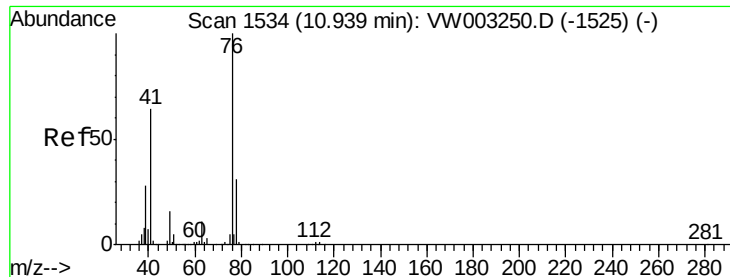
Tgt Ion:	97	Resp:	97399
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.2
85	56.9	45.6	68.4
99	63.5	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 51.326 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion:	69	Resp:	120787
Ion	Ratio	Lower	Upper
69	100		
41	74.9	57.8	86.6
39	38.6	32.7	49.1

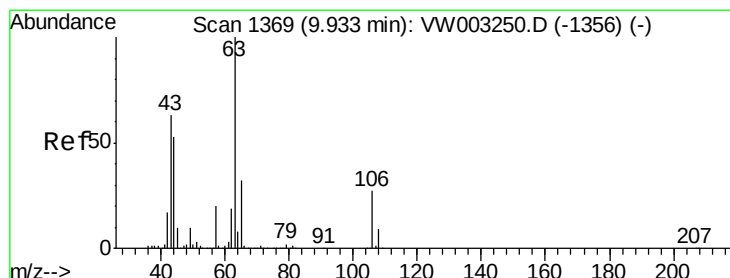
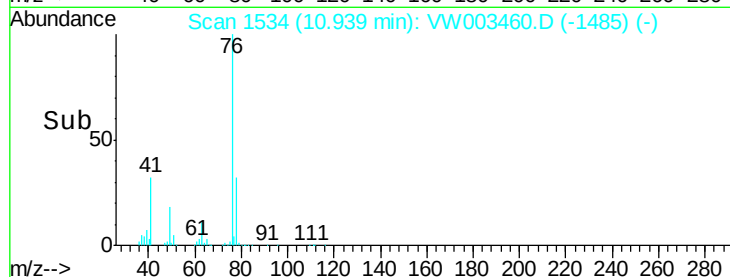
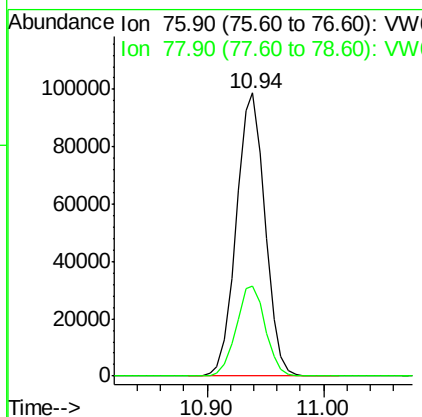
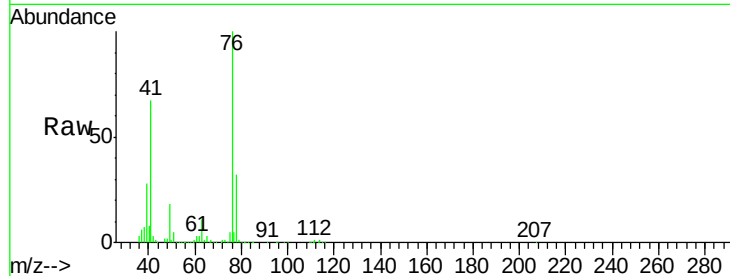




#57
 1,3-Dichloropropane
 Concen: 50.654 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

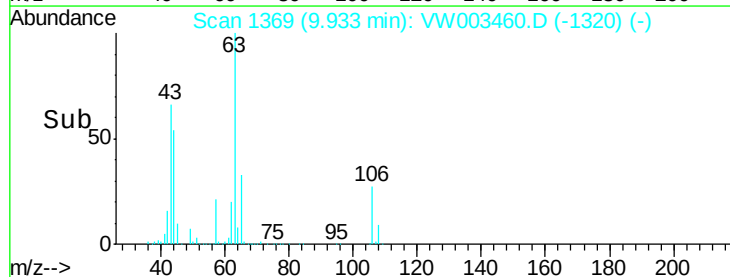
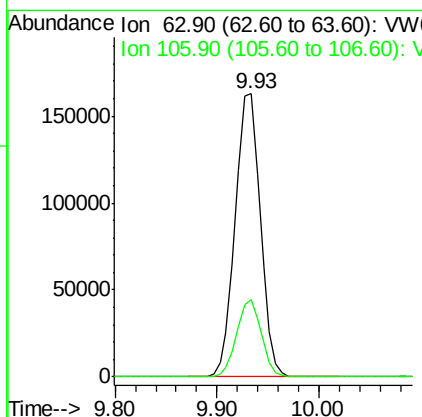
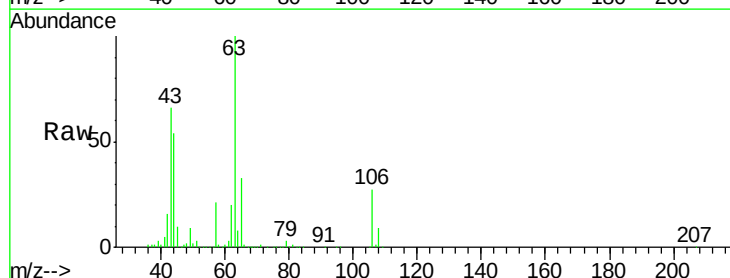
Instrument :
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 ClientSampleId :
 WP021SB482-15-17-180619MSD

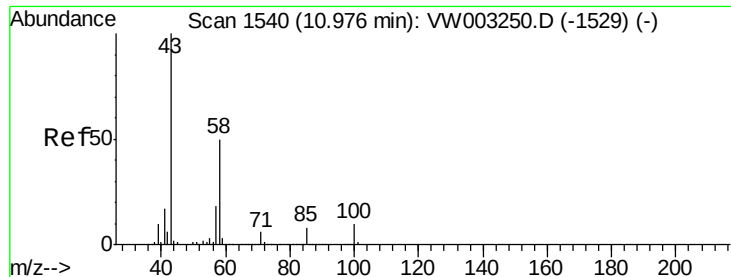
Tgt Ion: 76 Resp: 169308
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.945 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion: 63 Resp: 278448
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.8 32.8

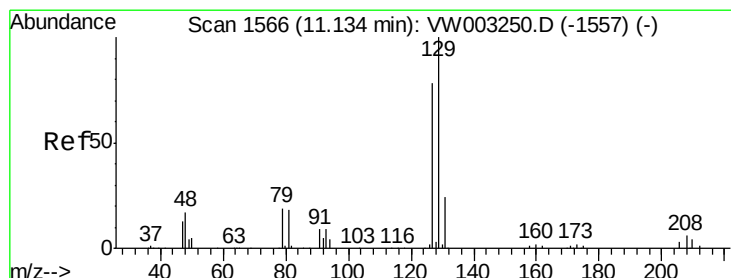
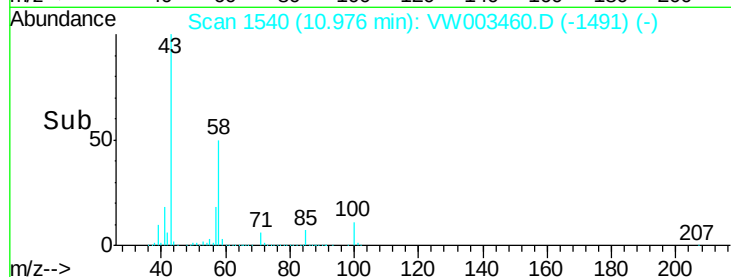
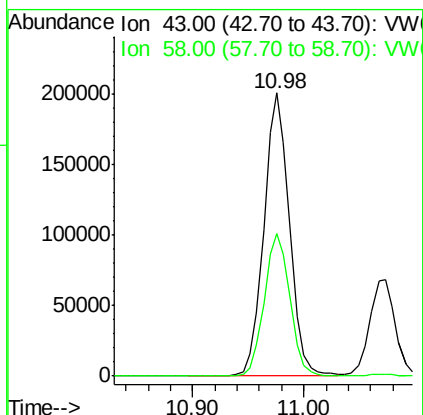
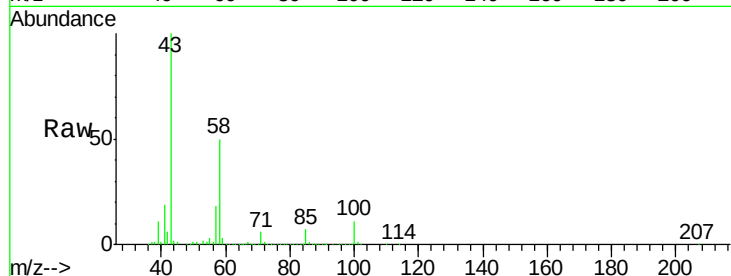




#59
2-Hexanone
Concen: 285.780 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

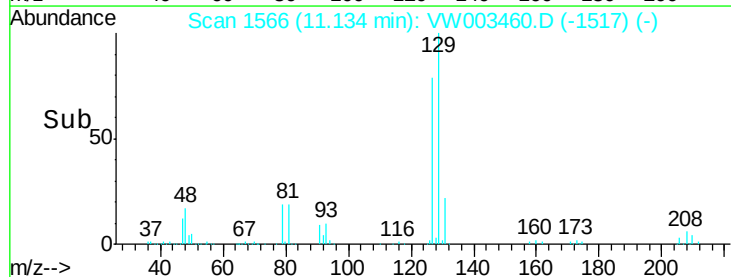
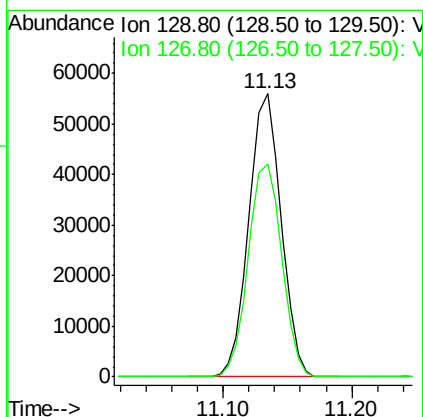
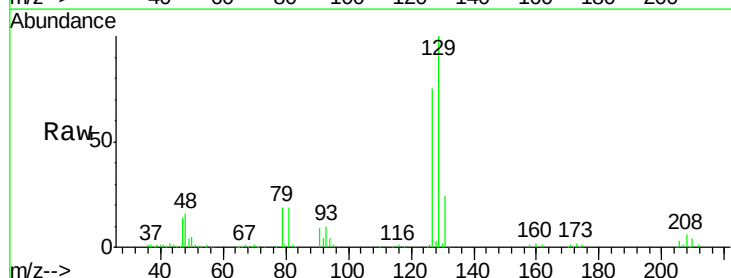
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

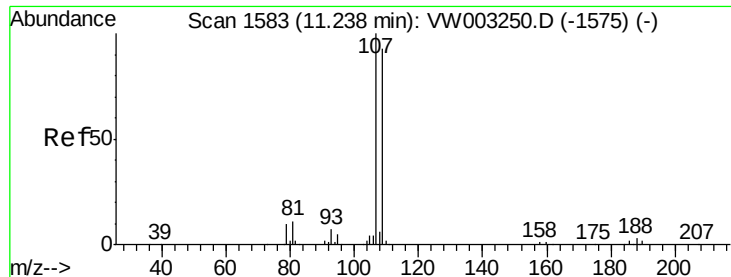
Tgt Ion: 43 Resp: 320288
Ion Ratio Lower Upper
43 100
58 50.4 25.0 75.0



#60
Dibromochloromethane
Concen: 42.108 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 129 Resp: 97045
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 49.680 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

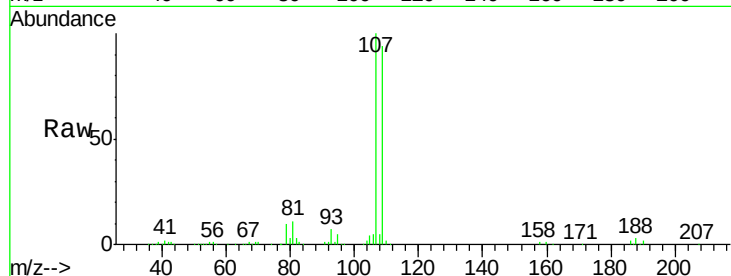
WP021SB482-15-17-180619MSD

Tgt Ion: 107 Resp: 91070

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

60000

50000

40000

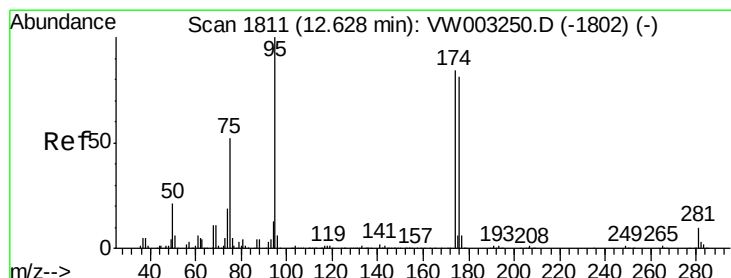
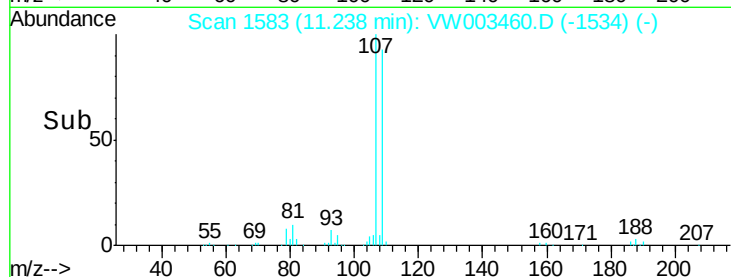
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.701 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

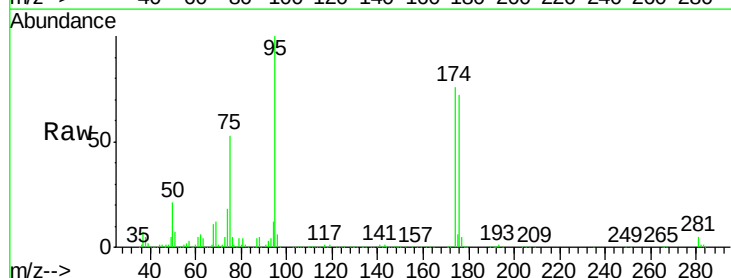
Tgt Ion: 95 Resp: 175208

Ion Ratio Lower Upper

95 100

174 81.2 0.0 166.4

176 78.1 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

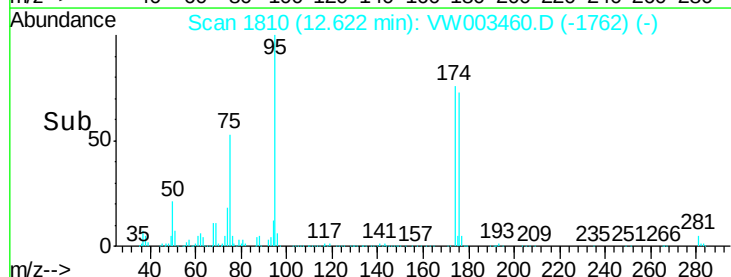
12.62

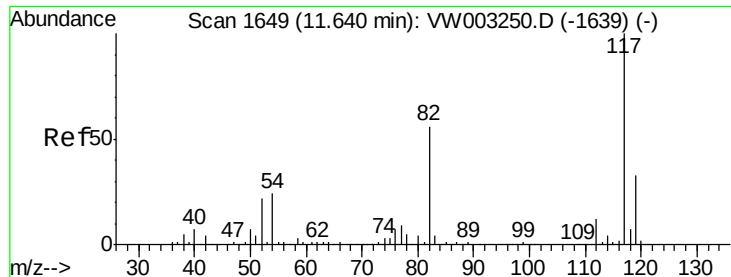
100000

50000

0

Time-->

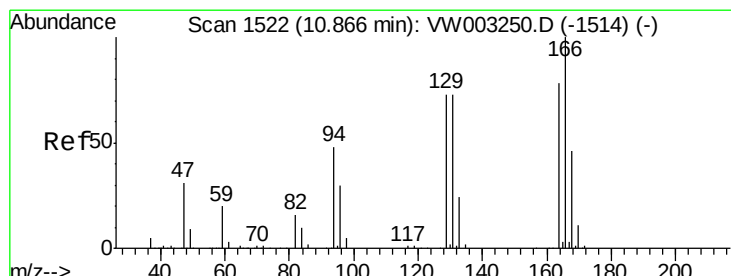
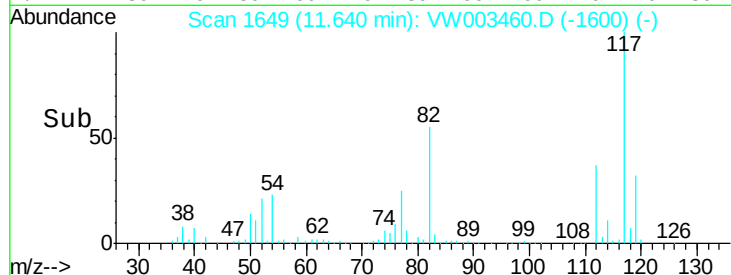
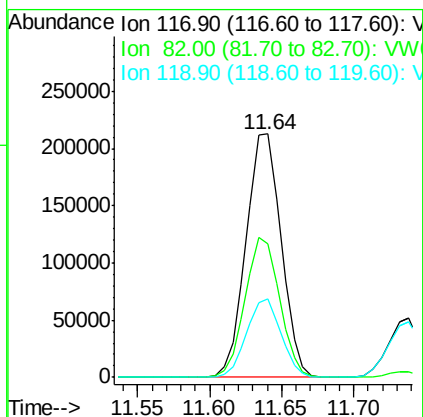
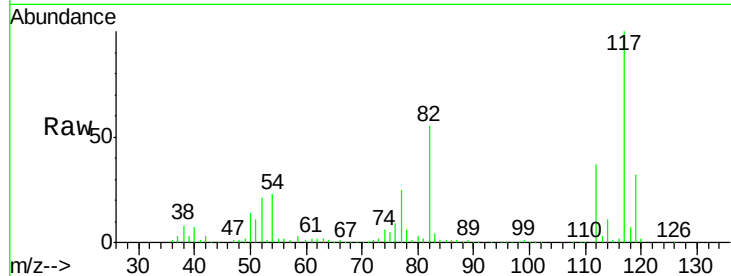




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

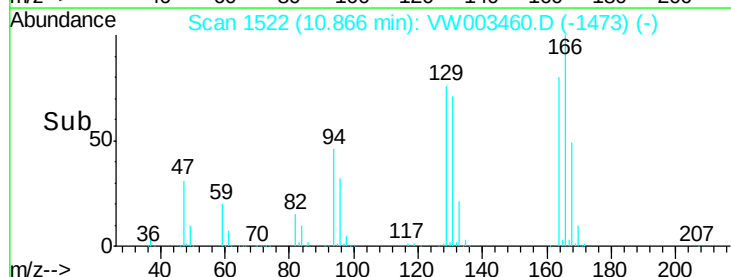
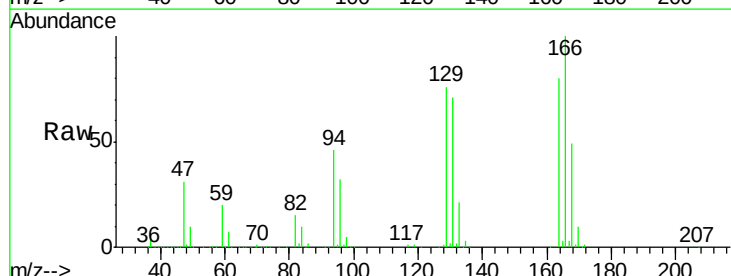
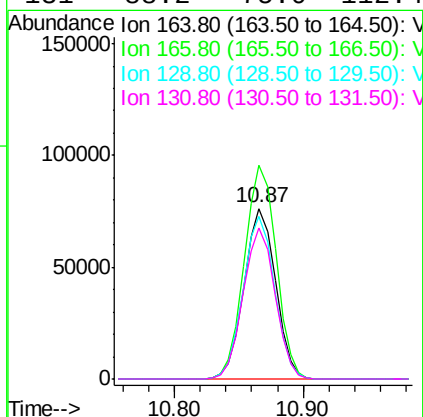
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

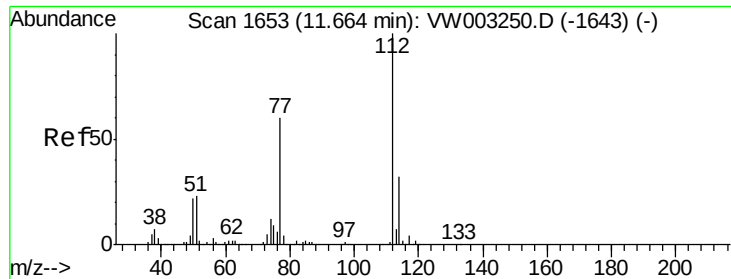
Tgt Ion:117 Resp: 359672
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.1 26.7 40.1



#64
Tetrachloroethene
Concen: 53.358 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion:164 Resp: 128362
Ion Ratio Lower Upper
164 100
166 125.1 102.6 154.0
129 94.9 75.2 112.8
131 88.2 75.0 112.4

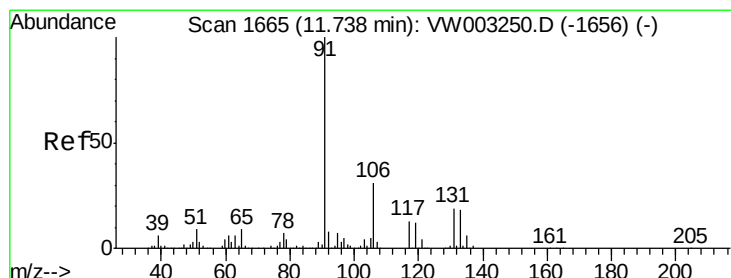
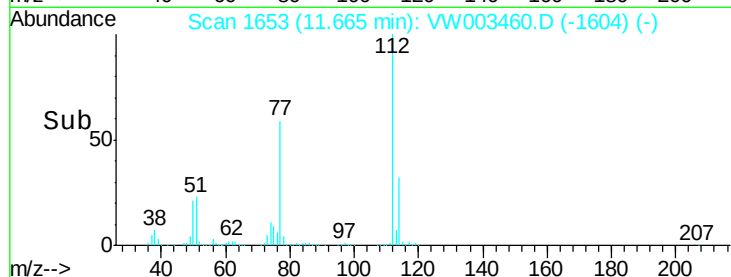
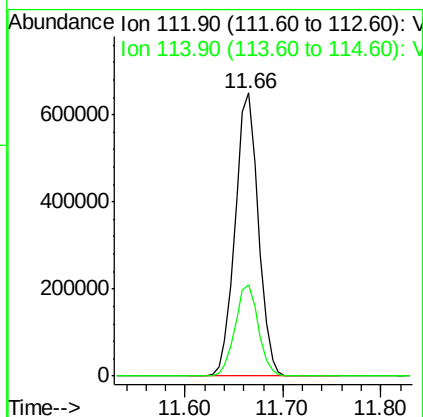
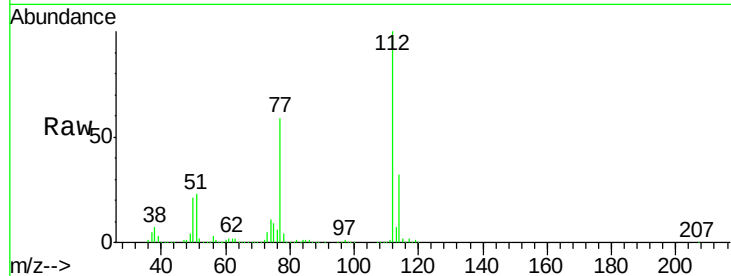




#65
Chlorobenzene
Concen: 142.617 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

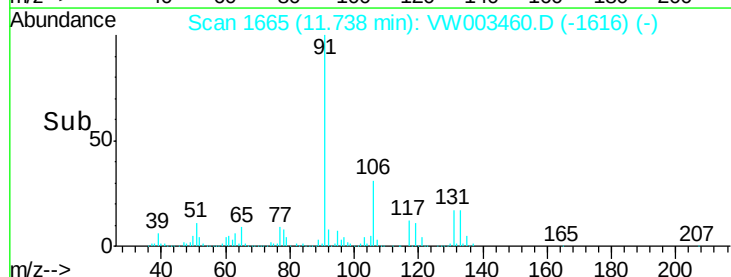
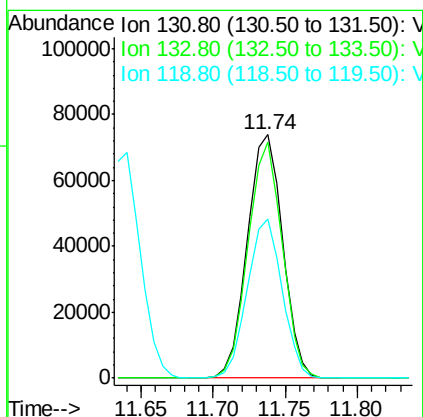
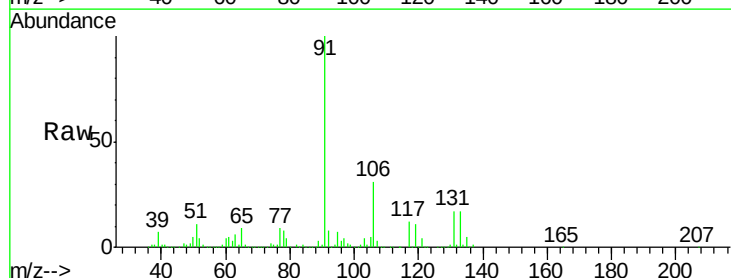
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

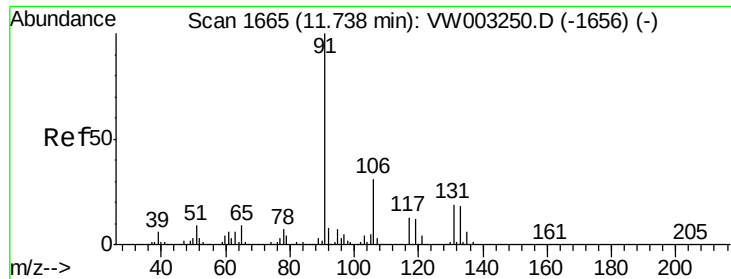
Tgt Ion:112 Resp: 1068186
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.540 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion:131 Resp: 125130
Ion Ratio Lower Upper
131 100
133 93.8 47.3 142.0
119 64.6 32.5 97.4

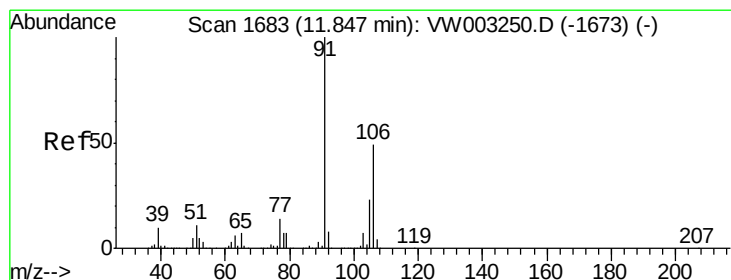
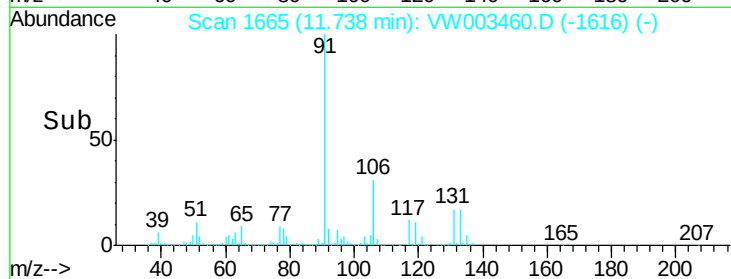
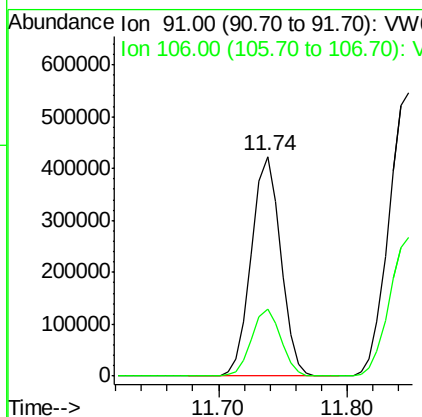
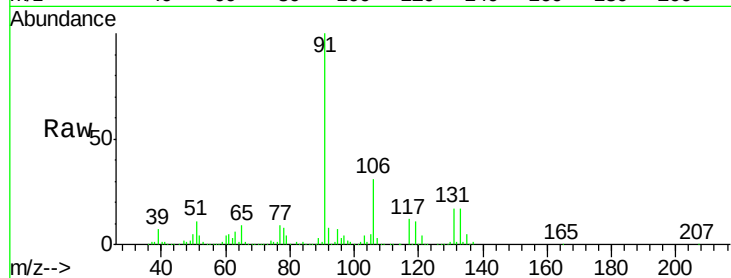




#67
Ethyl Benzene
Concen: 50.067 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

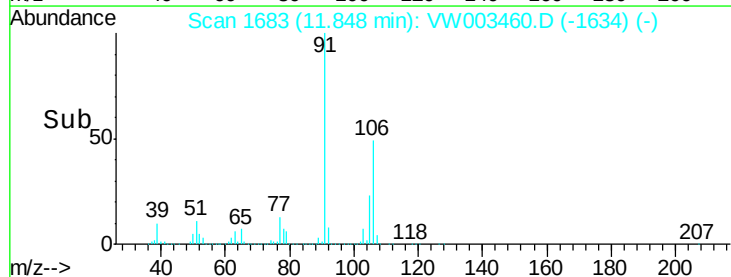
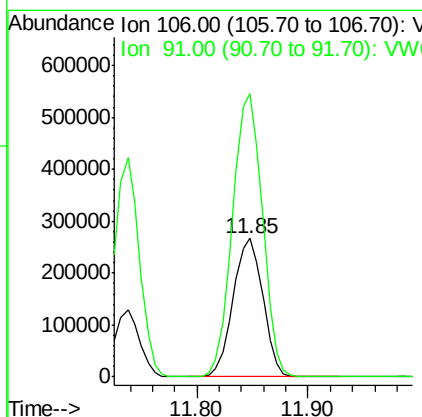
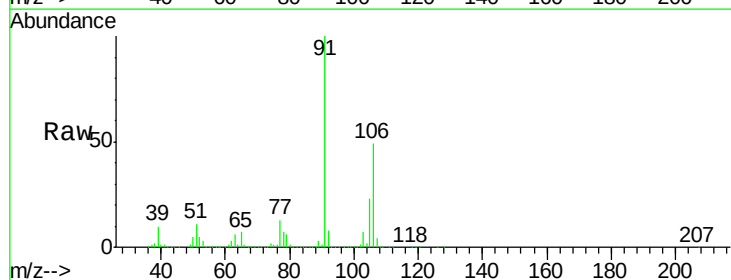
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

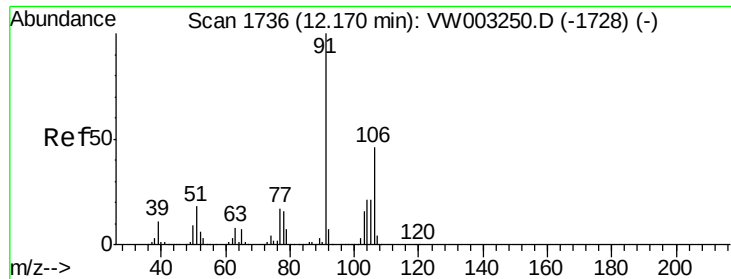
Tgt Ion: 91 Resp: 664732
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#68
m/p-Xylenes
Concen: 97.824 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 106 Resp: 493716
Ion Ratio Lower Upper
106 100
91 205.3 165.4 248.0

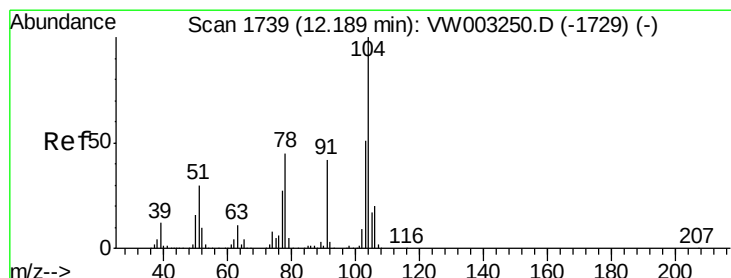
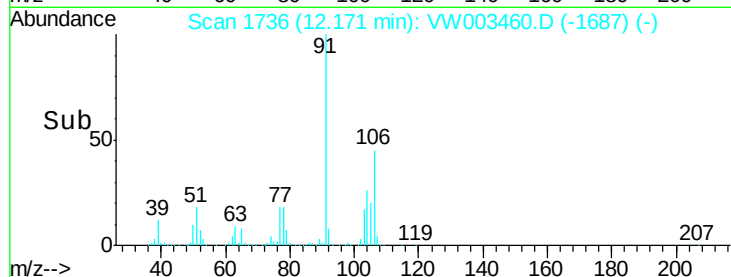
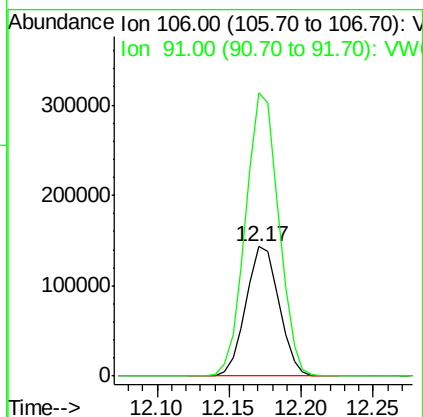
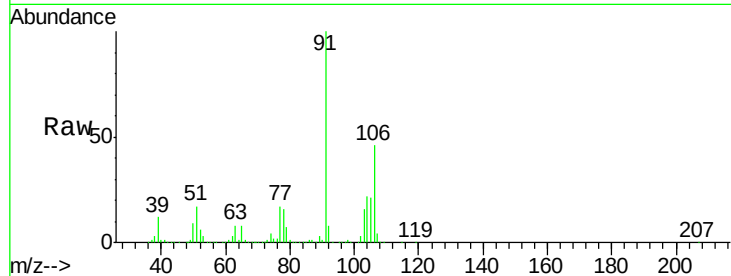




#69
o-Xylene
Concen: 49.028 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

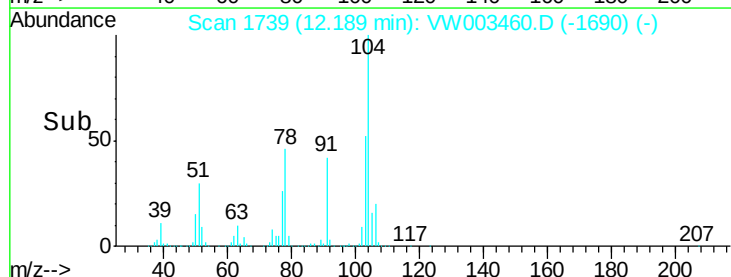
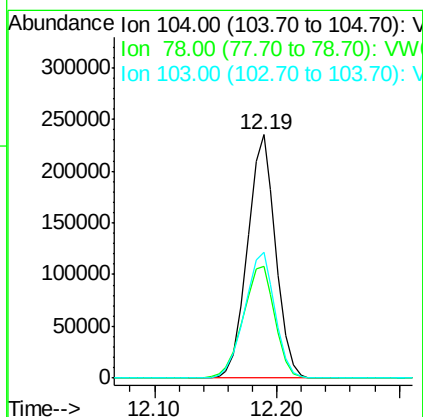
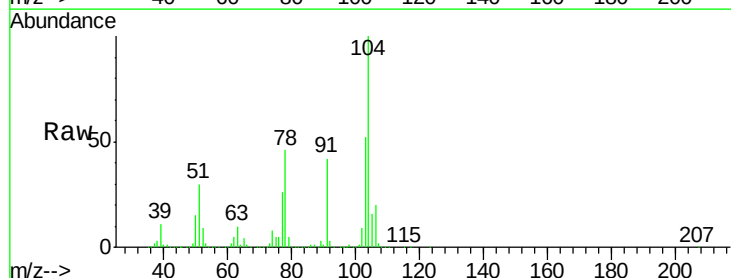
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

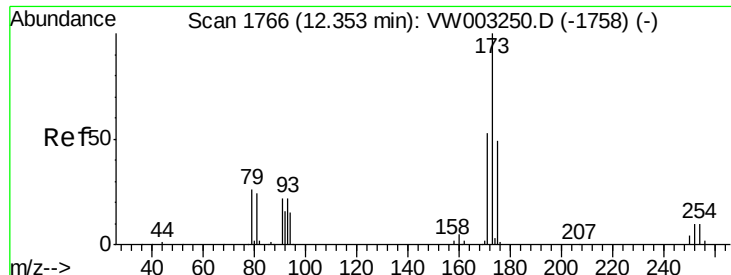
Tgt Ion:106 Resp: 229323
Ion Ratio Lower Upper
106 100
91 217.9 108.6 325.6



#70
Styrene
Concen: 48.187 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion:104 Resp: 375158
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 55.9 45.0 67.4





#71

Bromoform

Concen: 37.898 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

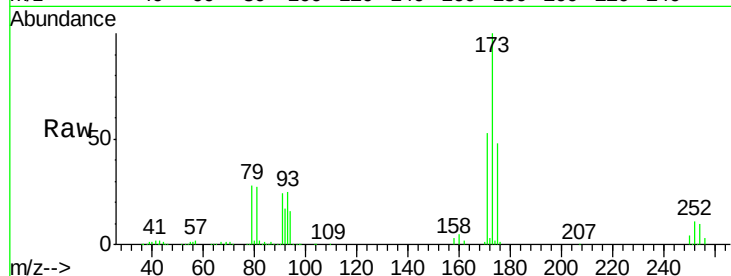
Tgt Ion:173 Resp: 51697

Ion Ratio Lower Upper

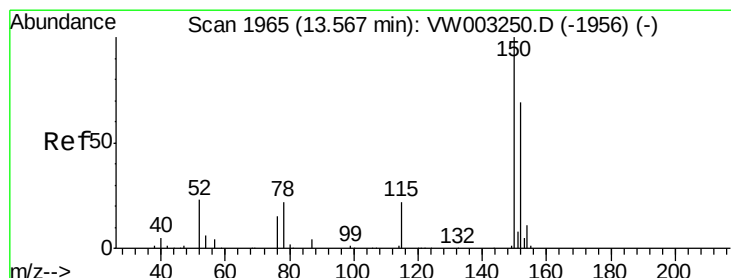
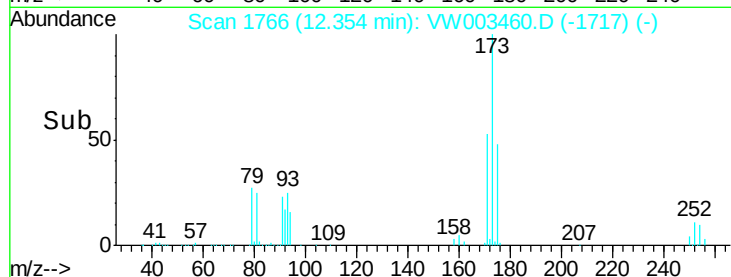
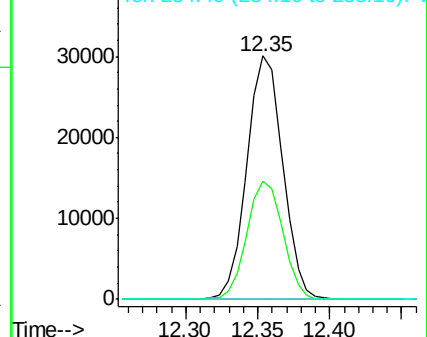
173 100

175 48.6 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: VW003460.D

Acq: 23 Jun 2018 15:11

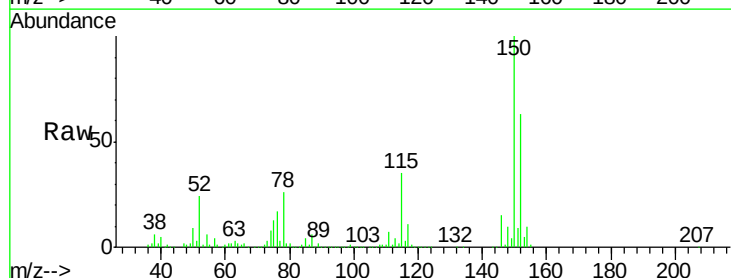
Tgt Ion:152 Resp: 171449

Ion Ratio Lower Upper

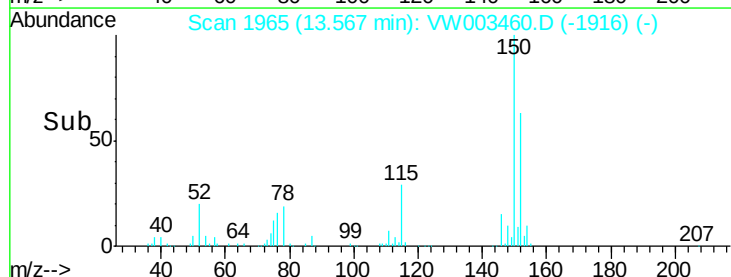
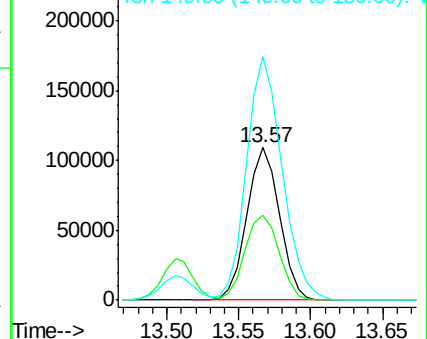
152 100

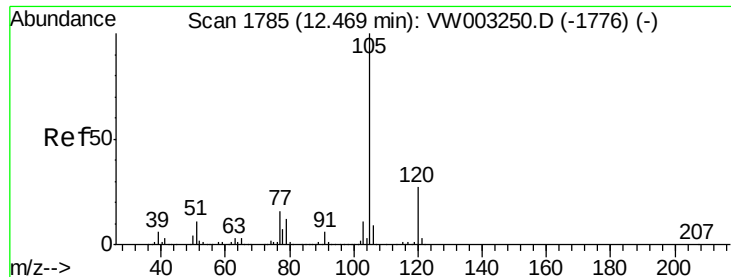
115 58.0 29.3 88.0

150 174.3 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: 53.795 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

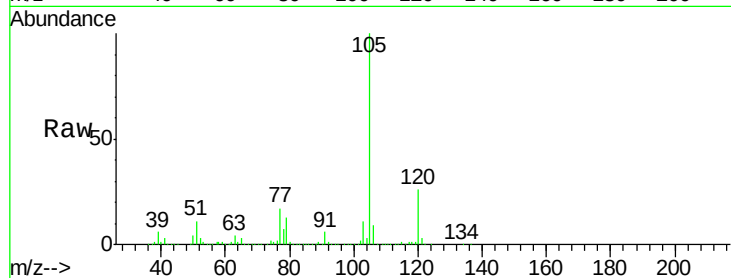
WP021SB482-15-17-180619MSD

Tgt Ion:105 Resp: 641499

Ion Ratio Lower Upper

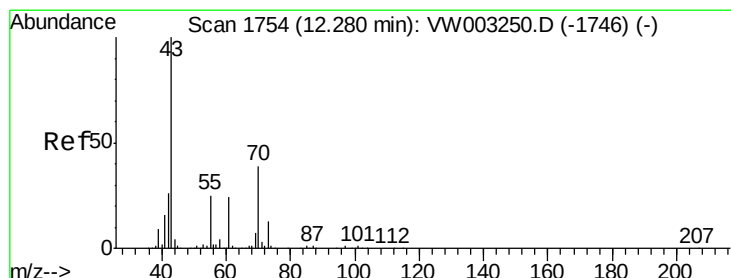
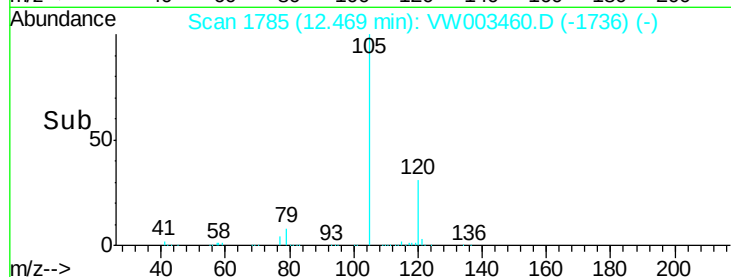
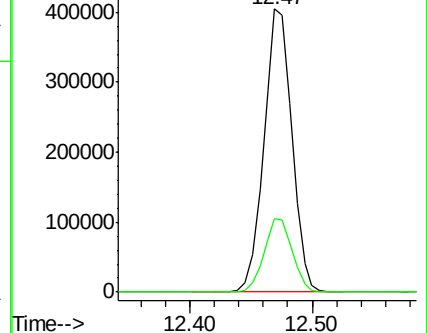
105 100

120 26.2 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: 37.275 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion: 43 Resp: 101174

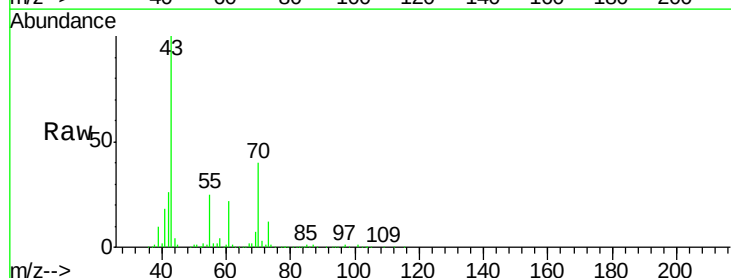
Ion Ratio Lower Upper

43 100

70 39.9 31.0 46.6

55 27.6 19.7 29.5

61 22.3 18.1 27.1

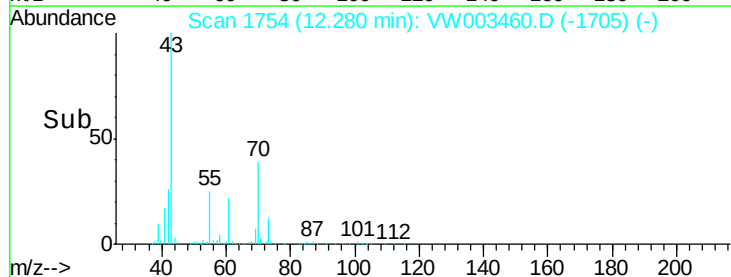
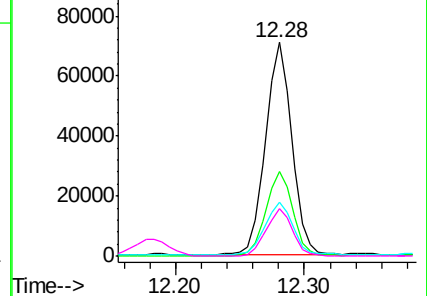


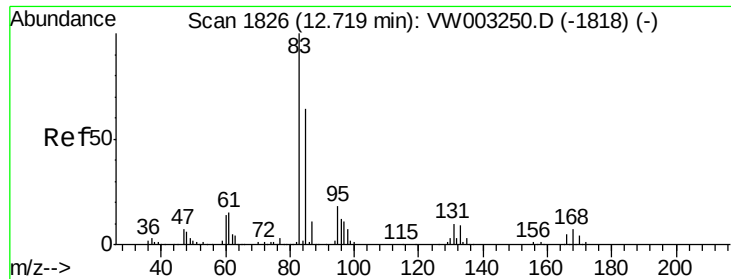
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 55.999 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

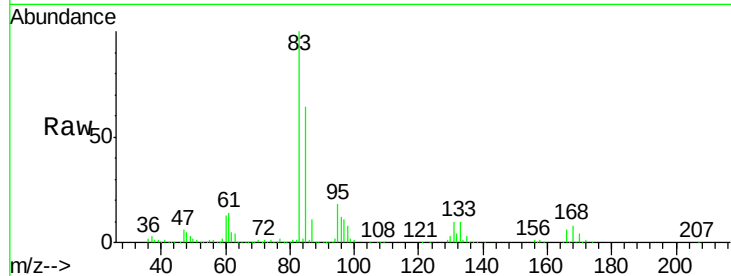
Tgt Ion: 83 Resp: 112975

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

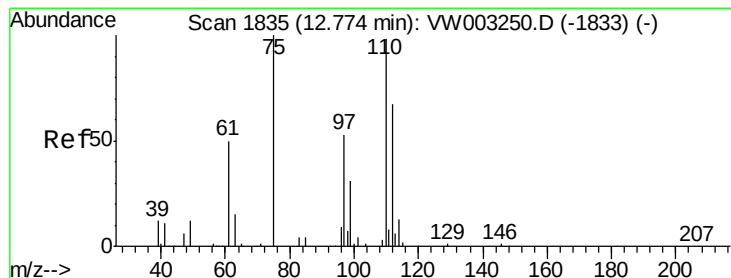
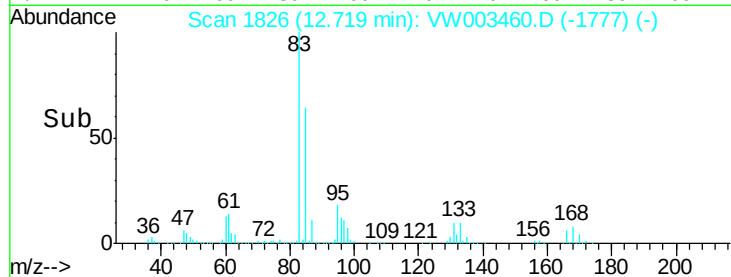
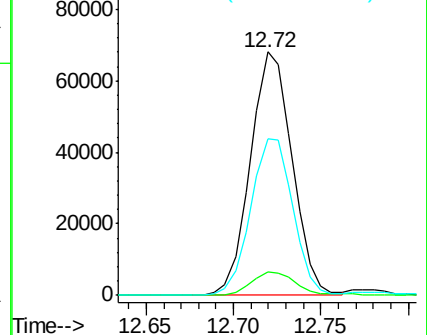
85 65.3 31.9 95.7



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: 92.973 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003460.D

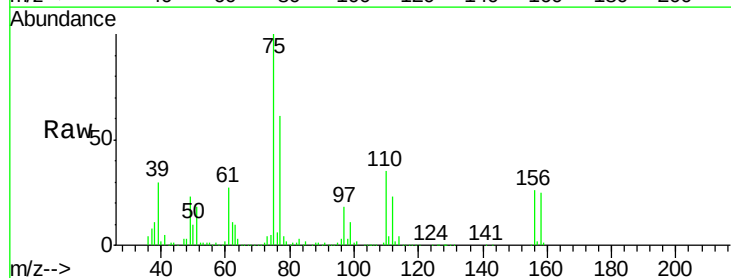
Acq: 23 Jun 2018 15:11

Tgt Ion: 75 Resp: 136269

Ion Ratio Lower Upper

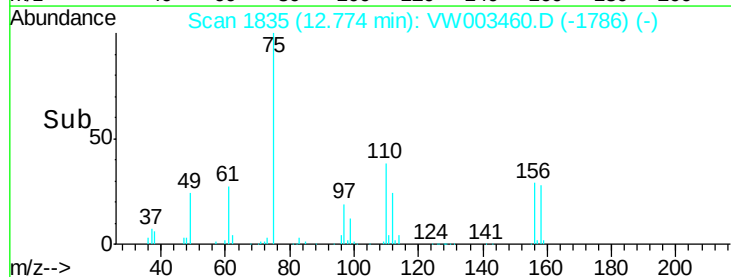
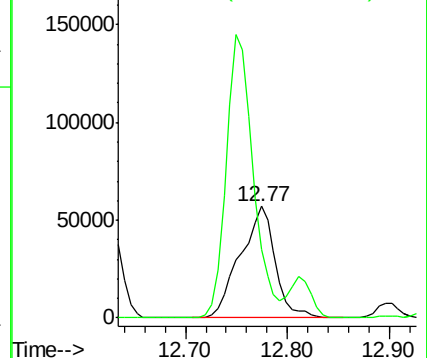
75 100

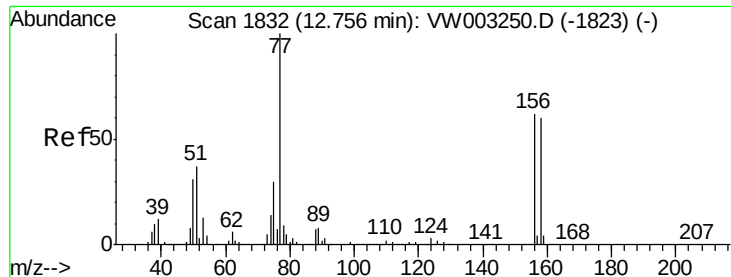
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.237 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

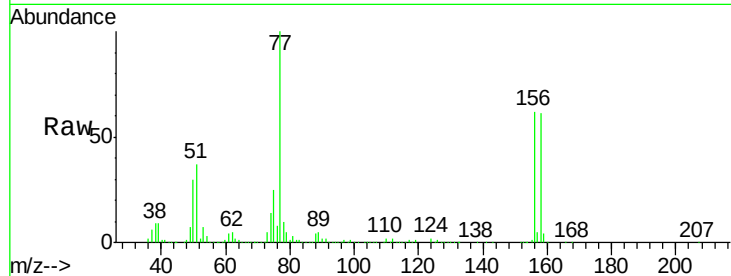
Tgt Ion:156 Resp: 142295

Ion Ratio Lower Upper

156 100

77 186.7 92.3 276.9

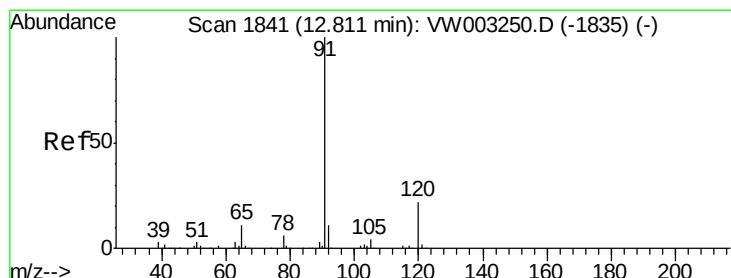
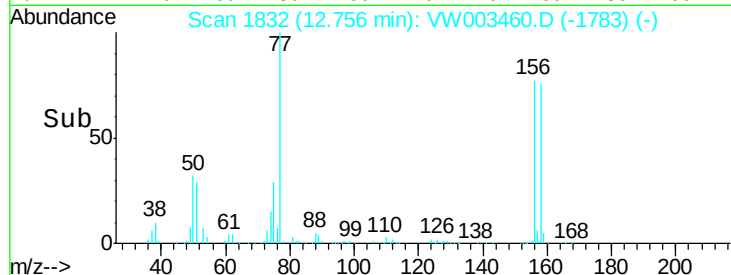
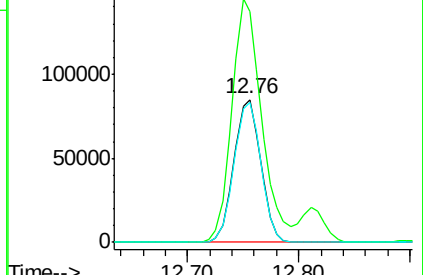
158 97.7 47.5 142.6



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: 52.504 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003460.D

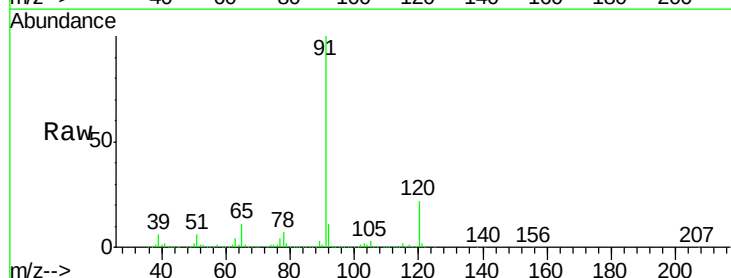
Acq: 23 Jun 2018 15:11

Tgt Ion: 91 Resp: 766653

Ion Ratio Lower Upper

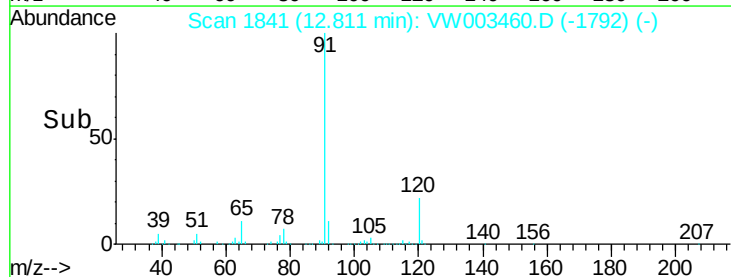
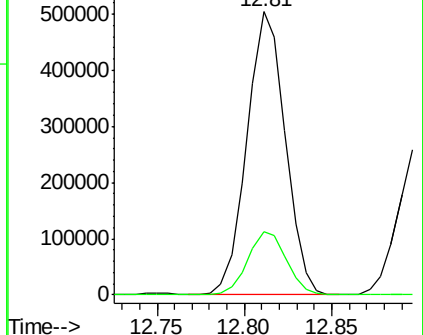
91 100

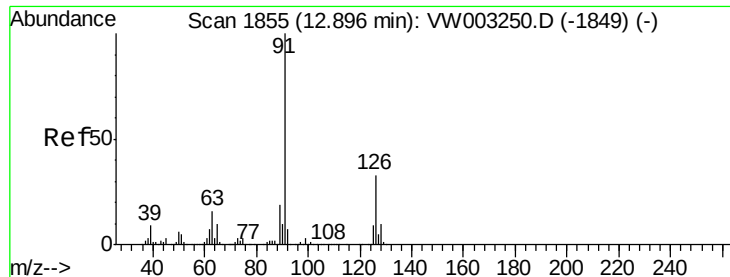
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.621 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

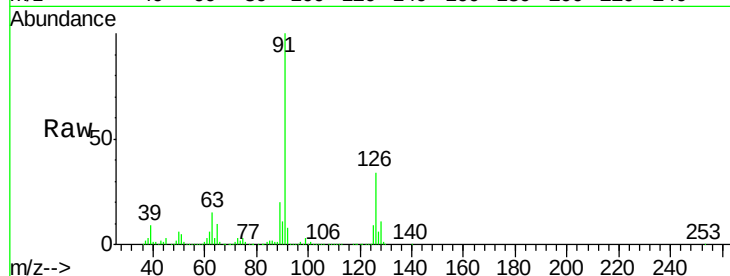
WP021SB482-15-17-180619MSD

Tgt Ion: 91 Resp: 425970

Ion Ratio Lower Upper

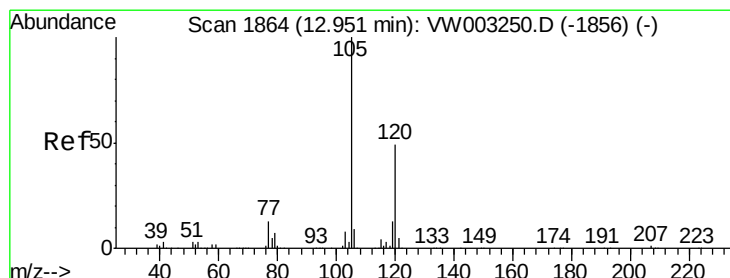
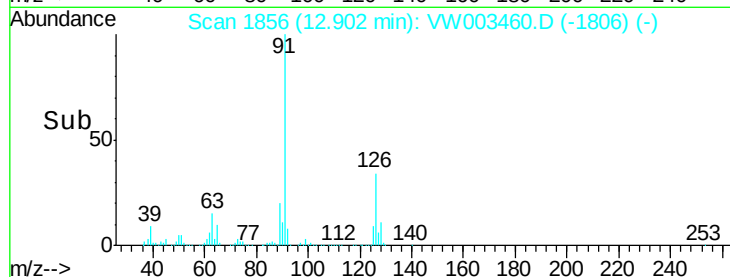
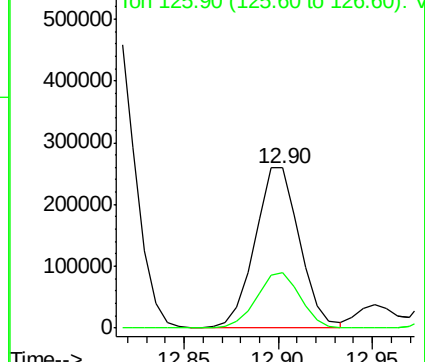
91 100

126 33.9 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: 51.931 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003460.D

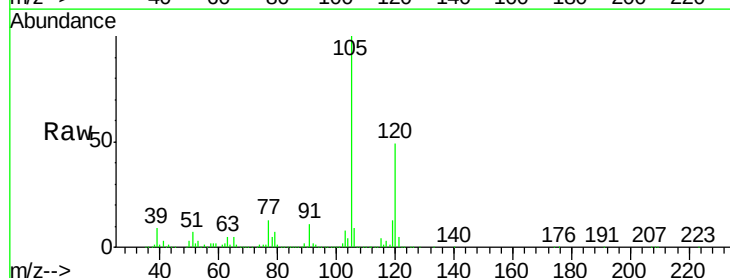
Acq: 23 Jun 2018 15:11

Tgt Ion: 105 Resp: 519805

Ion Ratio Lower Upper

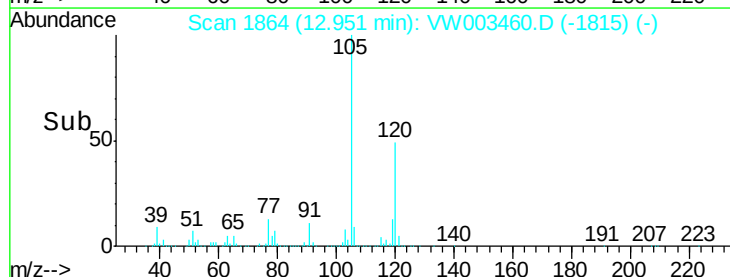
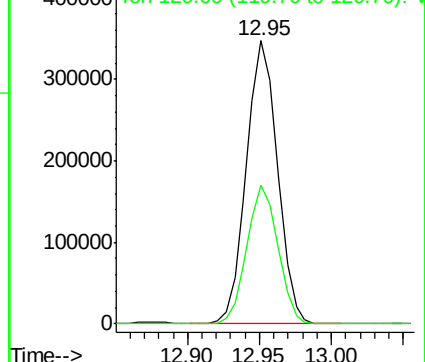
105 100

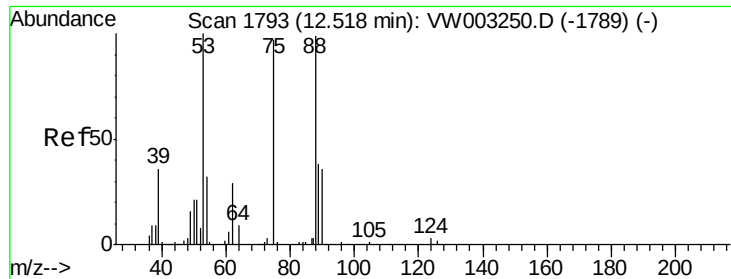
120 48.9 24.3 72.9



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: 22.898 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

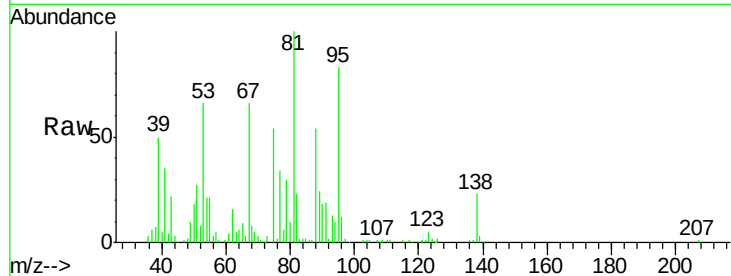
Tgt Ion: 75 Resp: 14585

Ion Ratio Lower Upper

75 100

53 133.8 82.9 124.3#

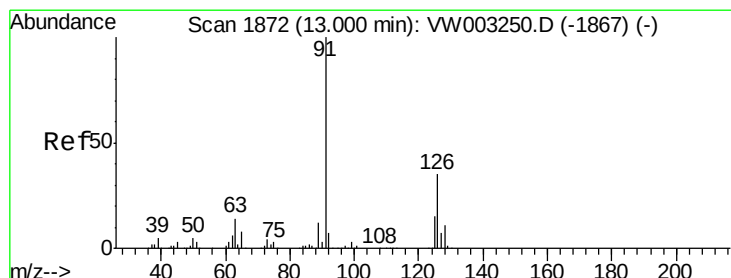
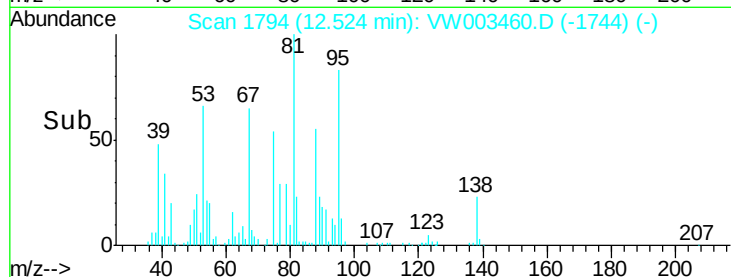
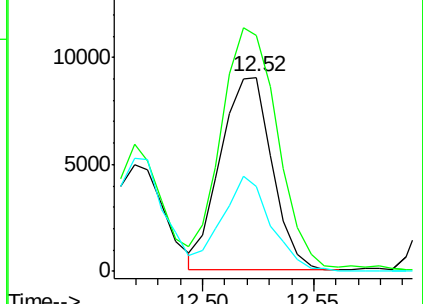
89 47.0 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 50.495 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003460.D

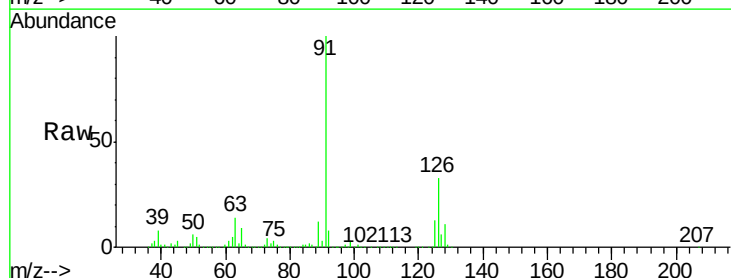
Acq: 23 Jun 2018 15:11

Tgt Ion: 91 Resp: 442016

Ion Ratio Lower Upper

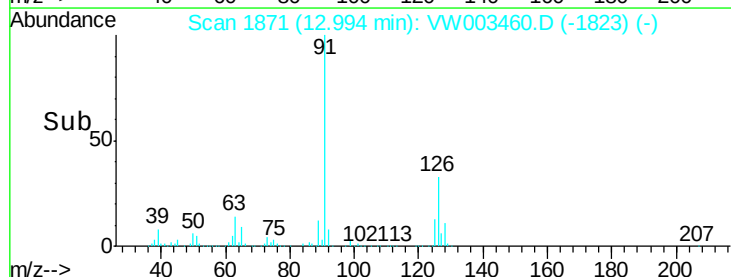
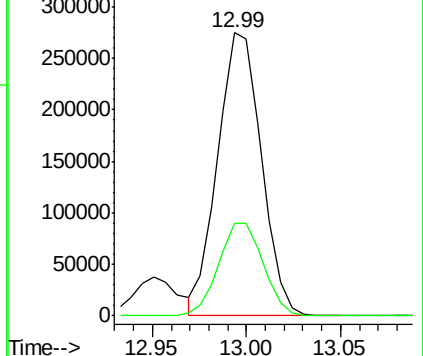
91 100

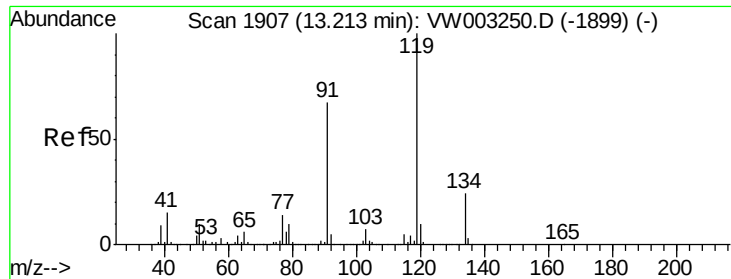
126 33.6 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

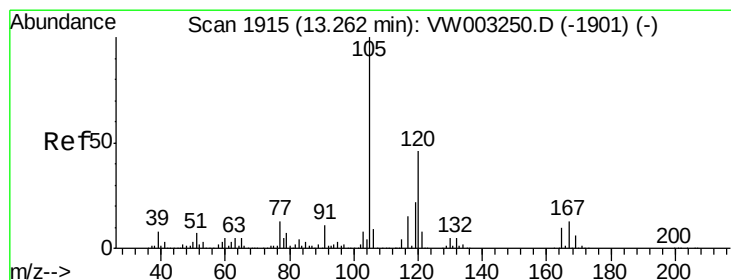
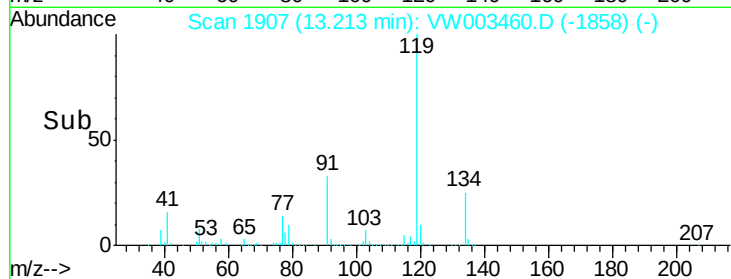
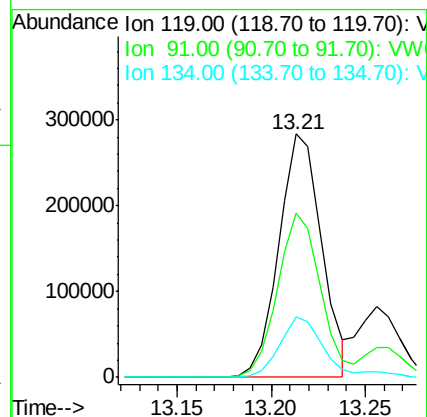
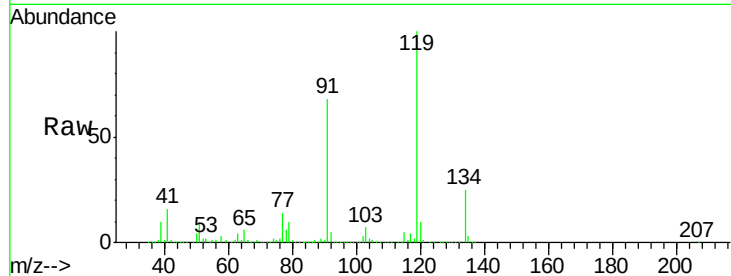




#83
 tert-Butylbenzene
 Concen: 52.347 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

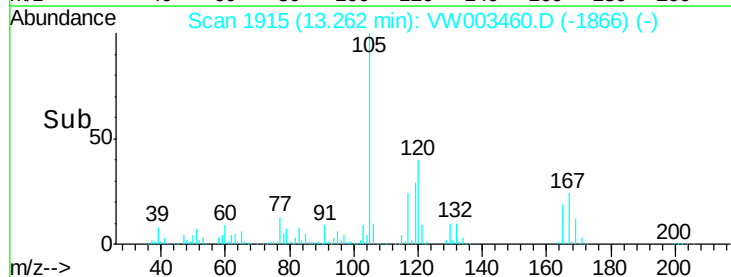
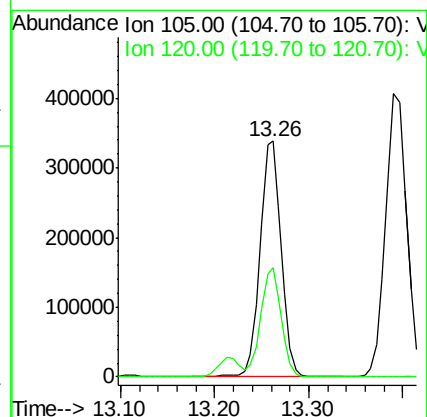
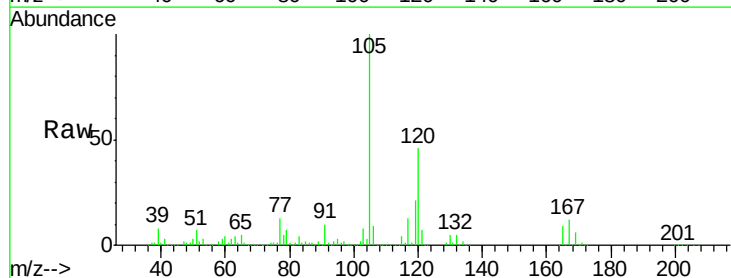
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

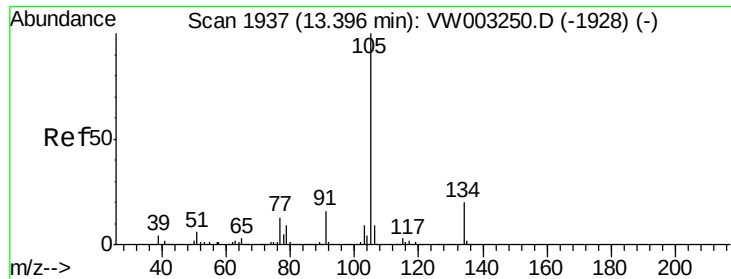
Tgt Ion:119 Resp: 446534
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.9 101.7
 134 26.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.954 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion:105 Resp: 534938
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 50.174 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

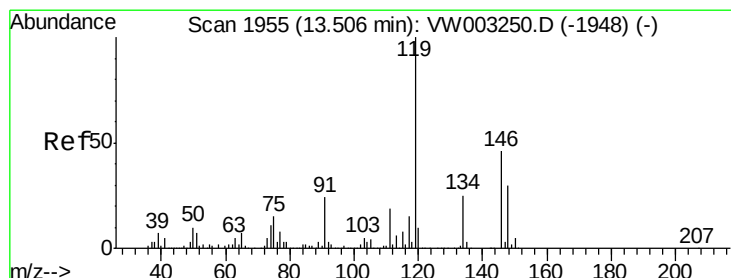
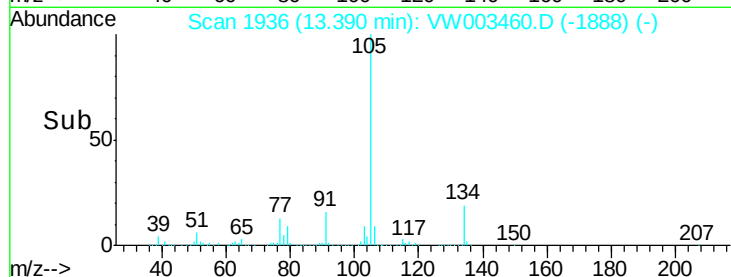
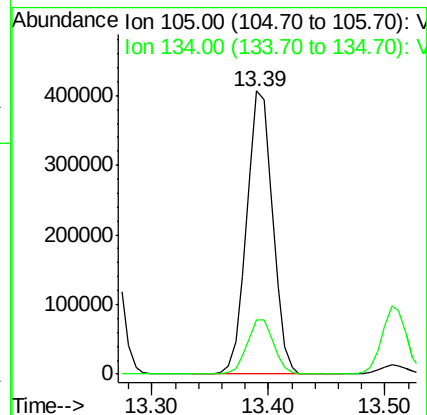
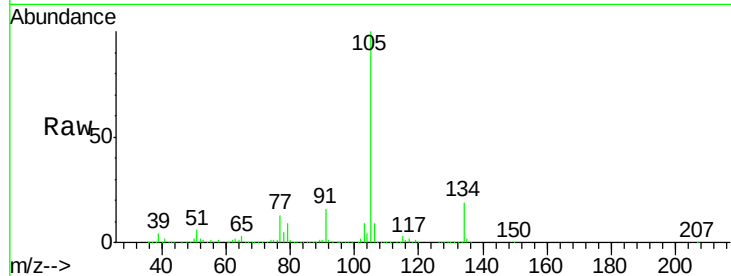
WP021SB482-15-17-180619MSD

Tgt Ion:105 Resp: 636179

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 49.827 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

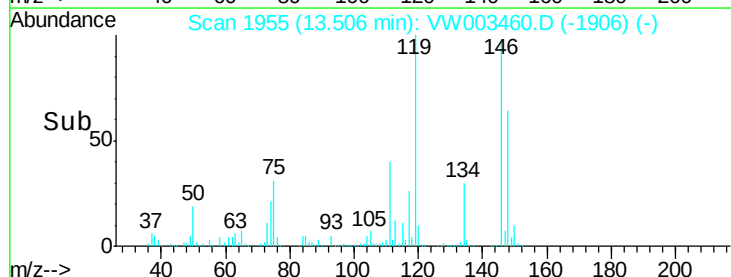
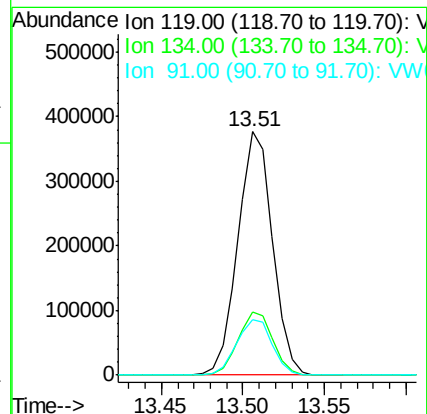
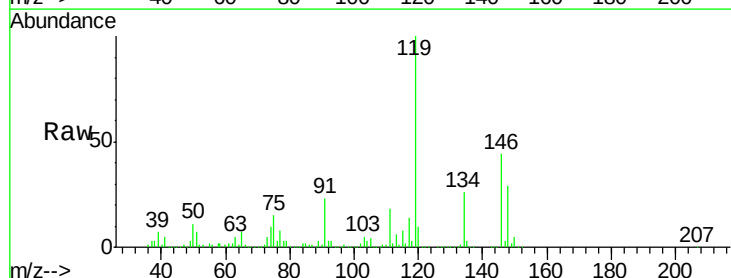
Tgt Ion:119 Resp: 557229

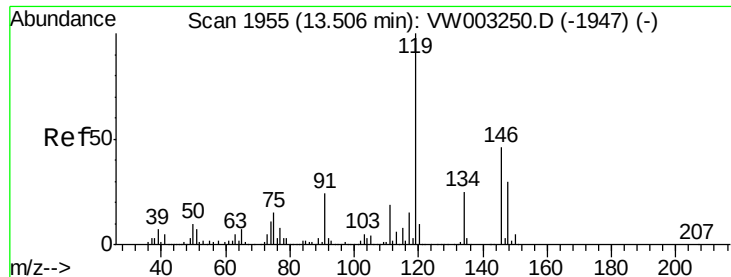
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 23.5 11.8 35.3

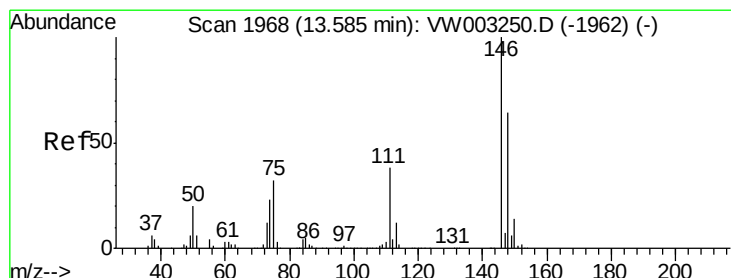
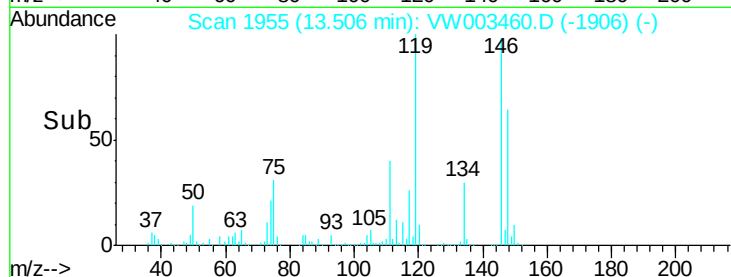
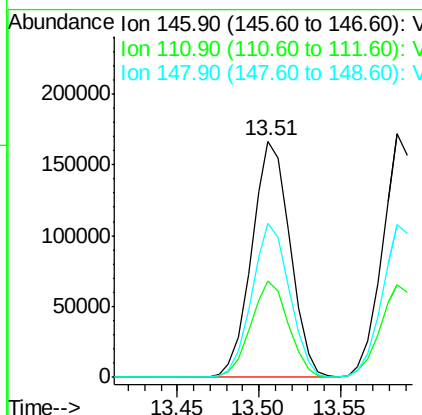
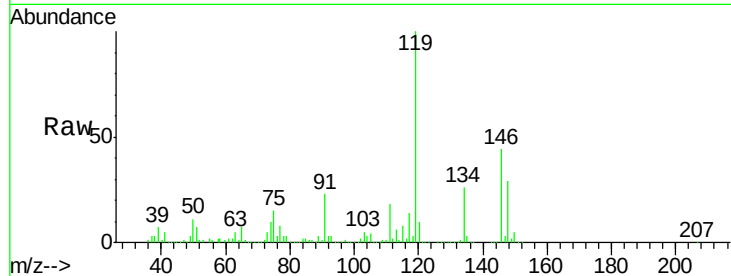




#87
 1,3-Dichlorobenzene
 Concen: 47.376 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

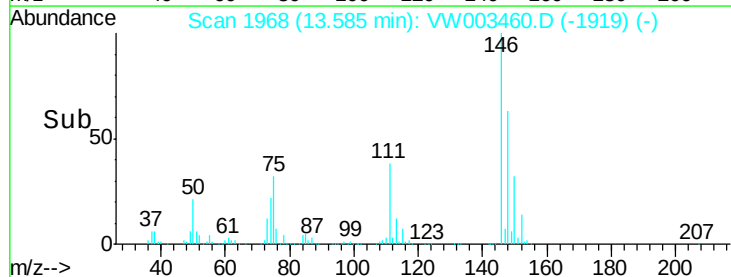
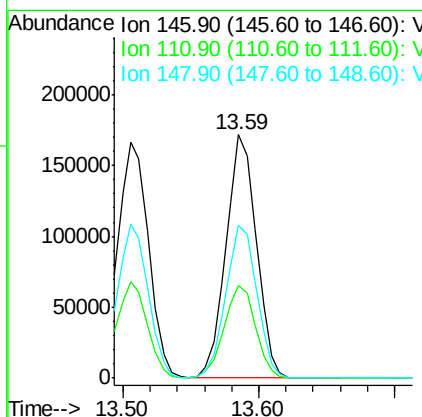
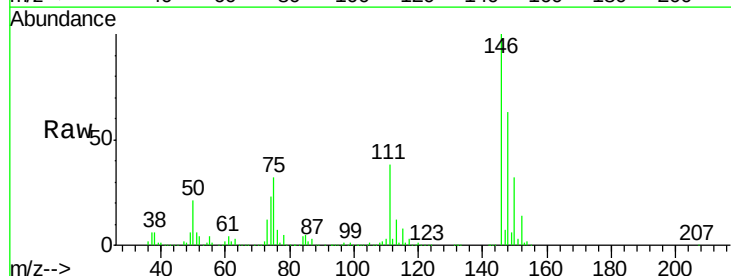
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

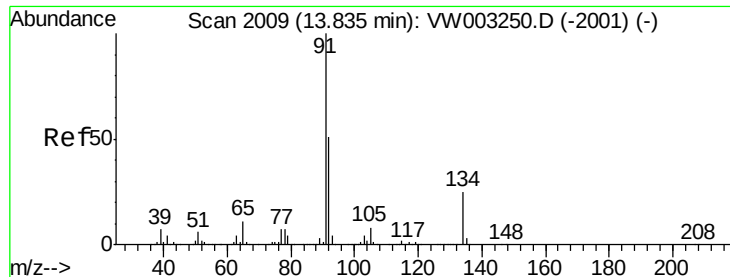
Tgt Ion:146 Resp: 270292
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.8 59.4
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.059 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion:146 Resp: 266910
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 46.391 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

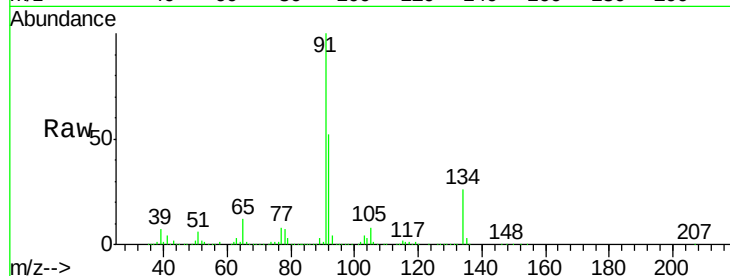
Tgt Ion: 91 Resp: 505704

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

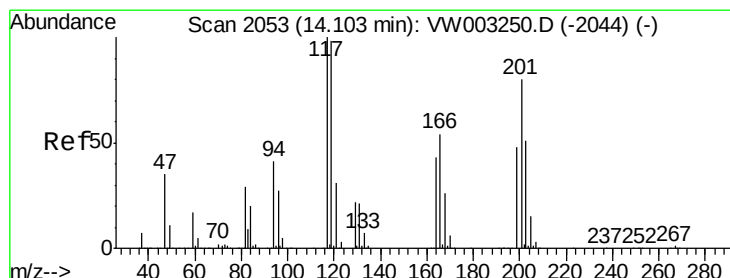
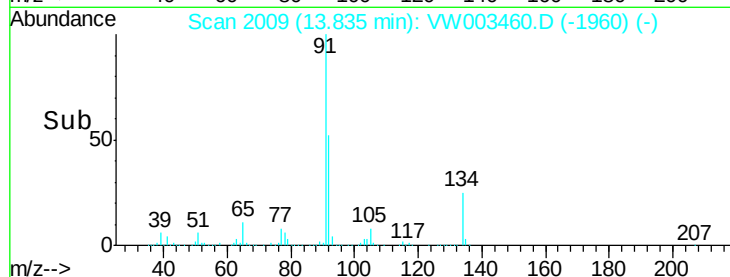
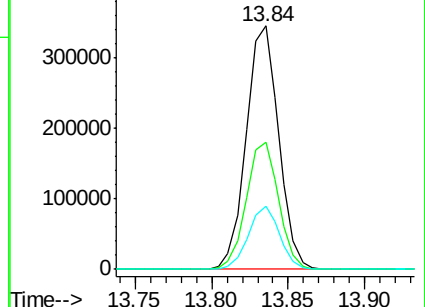
134 25.3 12.7 38.0



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: 44.092 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003460.D

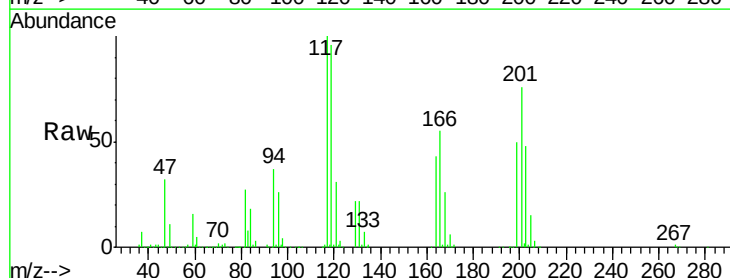
Acq: 23 Jun 2018 15:11

Tgt Ion: 117 Resp: 89199

Ion Ratio Lower Upper

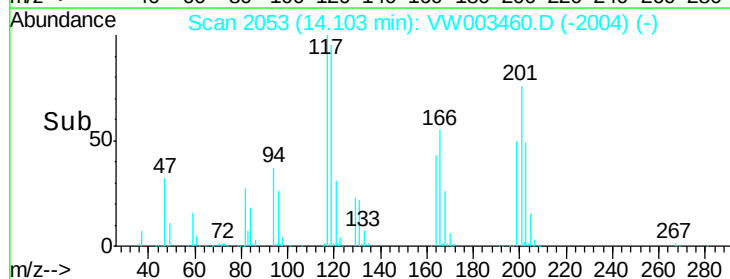
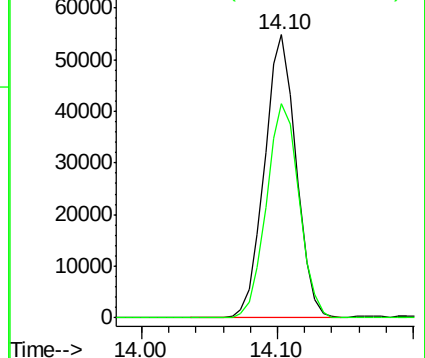
117 100

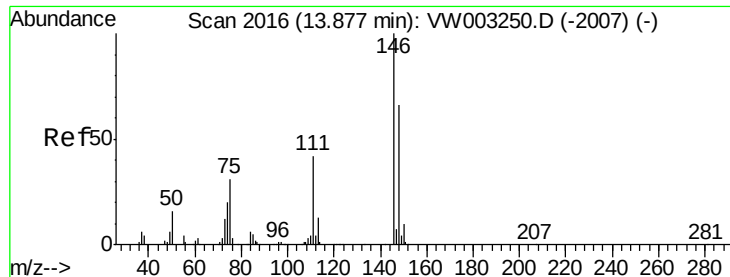
201 78.1 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

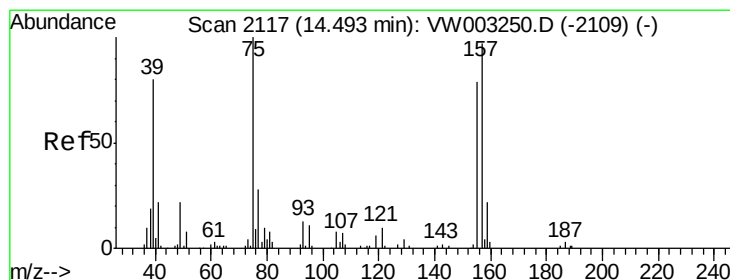
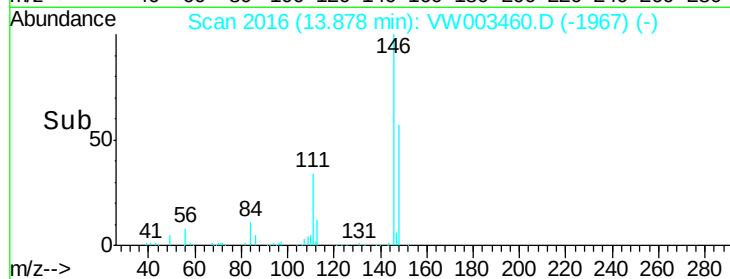
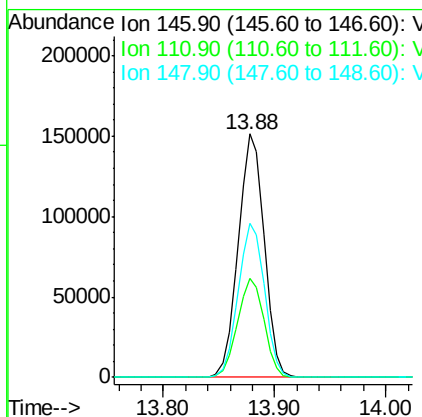
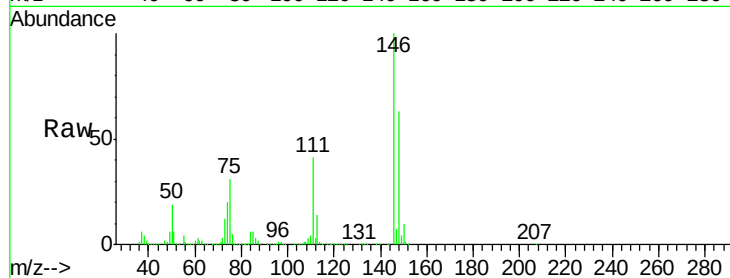




#91
 1,2-Dichlorobenzene
 Concen: 48.852 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

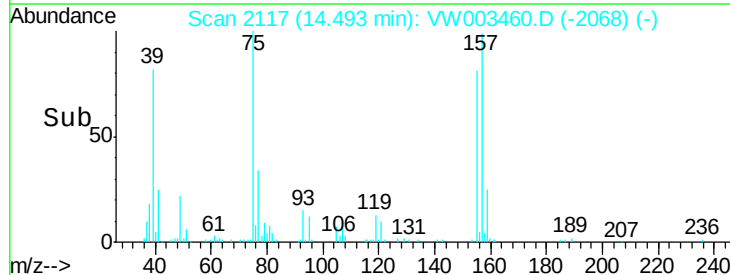
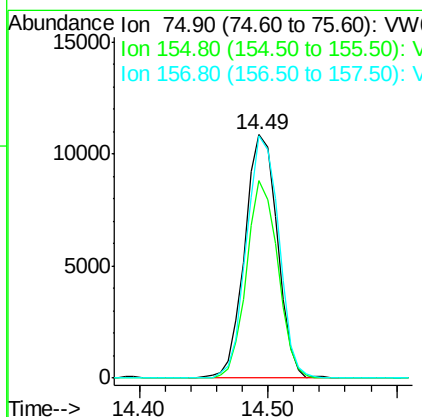
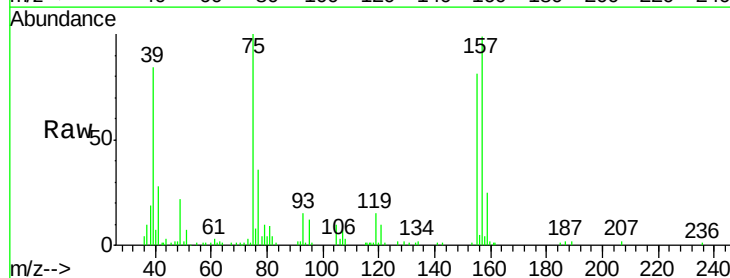
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

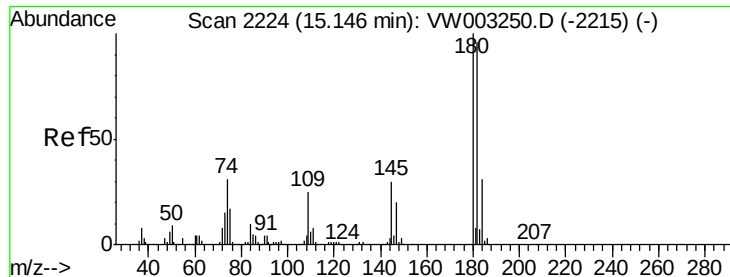
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	64.1	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.869 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	39.4	118.2
157	98.3	51.5	154.5

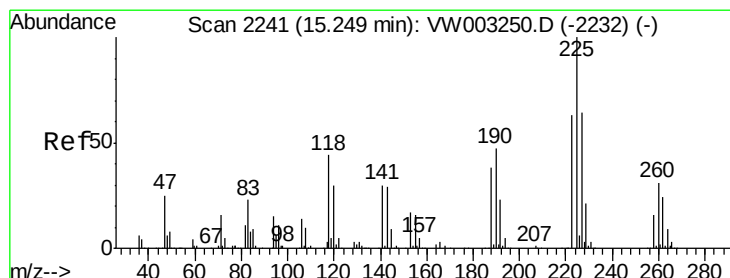
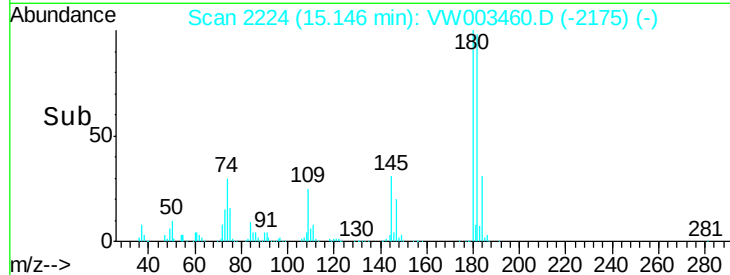
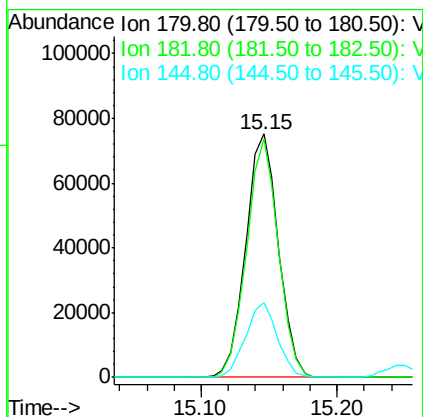
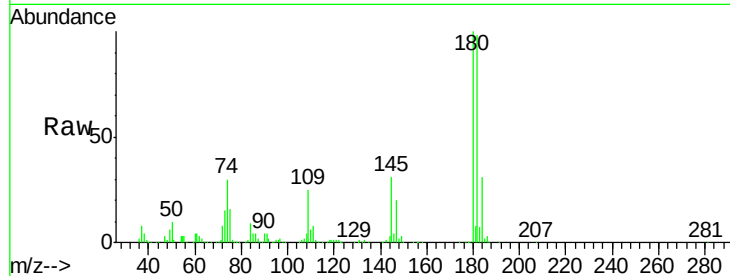




#93
 1,2,4-Trichlorobenzene
 Concen: 35.938 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

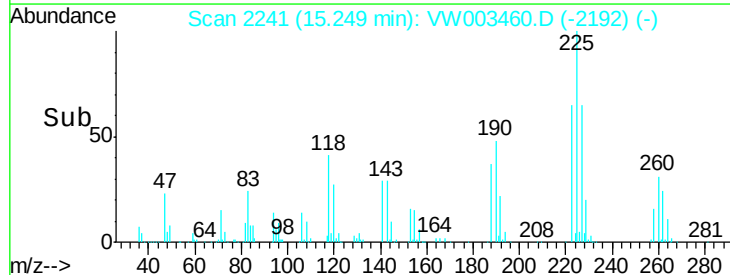
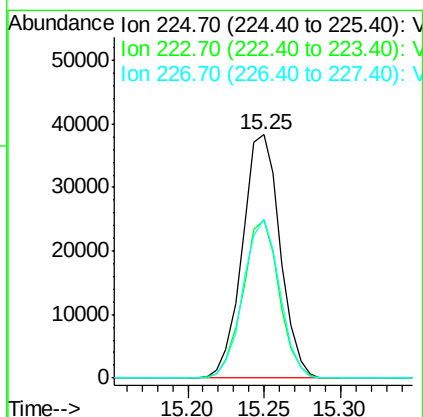
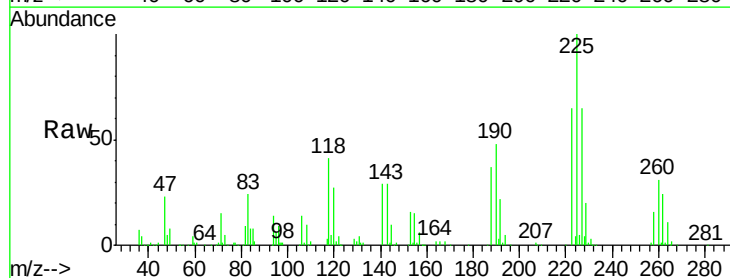
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

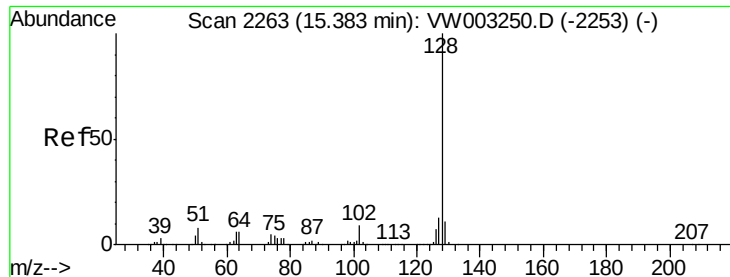
Tgt Ion:180 Resp: 126084
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.6
 145 30.1 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 31.037 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion:225 Resp: 65500
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.6 92.0
 227 63.3 31.7 95.1

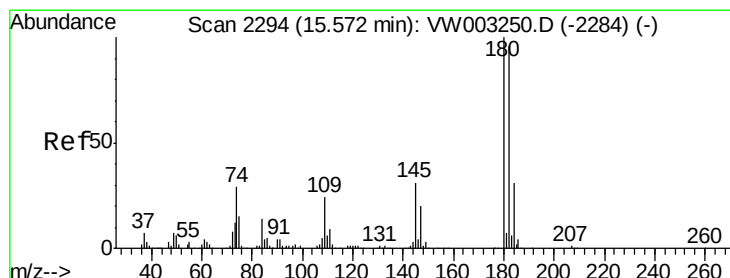
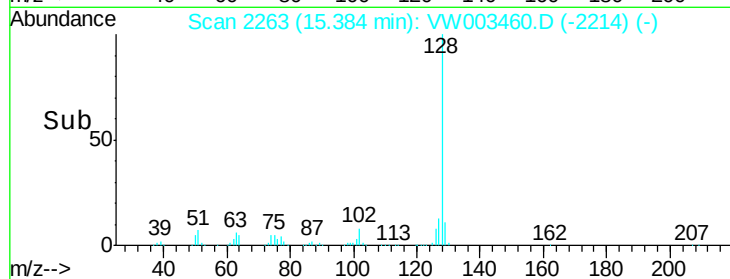
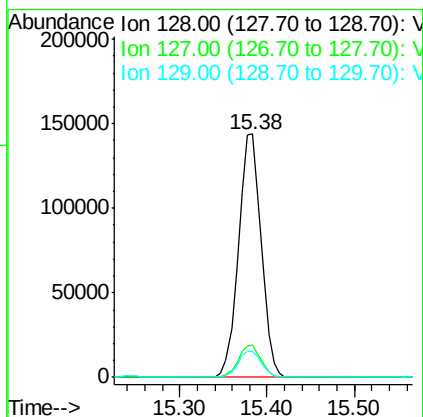
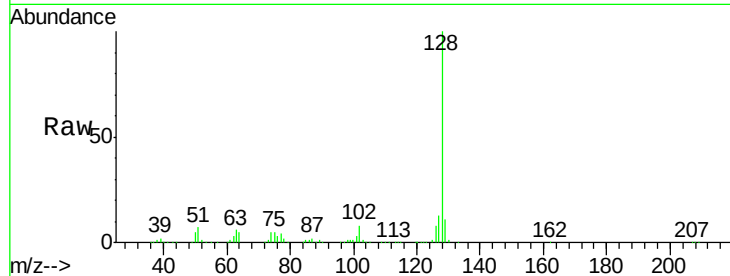




#95
Naphthalene
Concen: 43.663 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 34.524 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.6
145	31.3	15.8	47.4

