

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003465.D
 Acq On : 23 Jun 2018 17:20
 Operator : SY/AP
 Sample : J3664-08MSD
 Misc : 4.94G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 25 02:37:14 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	253238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	392159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142396	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	7.88	113	135182	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
50) Toluene-d8	10.33	98	555144	57.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.90%	
62) 4-Bromofluorobenzene	12.63	95	192188	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61571	80.422	ug/l	89
3) Chloromethane	2.21	50	92643	47.893	ug/l	97
4) Vinyl Chloride	2.36	62	131785	46.734	ug/l	99
5) Bromomethane	2.78	94	79358	42.341	ug/l	99
6) Chloroethane	2.92	64	84441	43.019	ug/l	97
7) Trichlorofluoromethane	3.25	101	89311	52.867	ug/l	96
8) Diethyl Ether	3.68	74	54066	43.566	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111118	47.368	ug/l	99
10) Methyl Iodide	4.26	142	170799	48.143	ug/l	99
11) Tert butyl alcohol	5.23	59	12592	85.597	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	108548	47.351	ug/l	97
13) Acrolein	3.90	56	18221	86.633	ug/l	96
14) Allyl chloride	4.66	41	191378	48.195	ug/l	100
15) Acrylonitrile	5.38	53	102060	199.886	ug/l	99
16) Acetone	4.15	43	132619	230.529	ug/l	94
17) Carbon Disulfide	4.37	76	322471	47.581	ug/l	99
18) Methyl Acetate	4.68	43	62020	45.444	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	199149	46.383	ug/l	97
20) Methylene Chloride	4.91	84	120895	49.429	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	120979	48.491	ug/l	99
22) Diisopropyl ether	6.31	45	393972	49.297	ug/l	98
23) Vinyl Acetate	6.26	43	930064	201.952	ug/l	100
24) 1,1-Dichloroethane	6.21	63	234014	49.325	ug/l	99
25) 2-Butanone	7.18	43	148898	208.148	ug/l	95
26) 2,2-Dichloropropane	7.17	77	148001	46.742	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	132834	48.467	ug/l	99
28) Bromochloromethane	7.51	49	104989	53.178	ug/l	98
29) Tetrahydrofuran	7.54	42	87699	200.595	ug/l	99
30) Chloroform	7.68	83	239828	49.618	ug/l	100
31) Cyclohexane	7.96	56	204514	46.141	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	199589	50.027	ug/l	100
36) 1,1-Dichloropropene	8.09	75	189006	49.906	ug/l	100
37) Ethyl Acetate	7.26	43	62270	39.689	ug/l	99
38) Carbon Tetrachloride	8.07	117	183377	49.362	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	214221	48.885	ug/l	98
40) Benzene	8.33	78	519743	49.787	ug/l	99
41) Methacrylonitrile	7.49	41	39460	40.985	ug/l	99
42) 1,2-Dichloroethane	8.40	62	149950	45.847	ug/l	99
43) Isopropyl Acetate	8.43	43	129979	41.722	ug/l	98
44) Trichloroethene	9.09	130	137028	49.537	ug/l	96
45) 1,2-Dichloropropane	9.37	63	131837	49.600	ug/l	98
46) Dibromomethane	9.46	93	61124	44.917	ug/l	98
47) Bromodichloromethane	9.65	83	170976	49.016	ug/l	99
48) Methyl methacrylate	9.44	41	63837	43.602	ug/l	96
49) 1,4-Dioxane	9.49	88	14916	725.945	ug/l	74
51) 4-Methyl-2-Pentanone	10.22	43	338478	213.221	ug/l	100
52) Toluene	10.39	92	335622	50.135	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	166146	46.628	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	195991	48.327	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	86262	44.984	ug/l	99
56) Ethyl methacrylate	10.65	69	105047	45.112	ug/l	99
57) 1,3-Dichloropropane	10.94	76	151459	45.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	238502	228.480	ug/l	98
59) 2-Hexanone	10.98	43	243905	219.937	ug/l	100
60) Dibromochloromethane	11.13	129	105544	46.282	ug/l	99
61) 1,2-Dibromoethane	11.24	107	80241	44.237	ug/l	100
64) Tetrachloroethene	10.87	164	123455	51.488	ug/l	99
65) Chlorobenzene	11.66	112	371150	49.718	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	127471	48.590	ug/l	99
67) Ethyl Benzene	11.74	91	664472	50.214	ug/l	100
68) m/p-Xylenes	11.85	106	504539	100.300	ug/l	100
69) o-Xylene	12.17	106	235786	50.577	ug/l	100
70) Styrene	12.19	104	387376	49.921	ug/l	100
71) Bromoform	12.35	173	59841	44.013	ug/l #	100
73) Isopropylbenzene	12.47	105	667210	50.728	ug/l	100
74) N-amyl acetate	12.28	43	126905	42.391	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	98234	44.147	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	133606	82.647	ug/l #	100
77) Bromobenzene	12.76	156	147674	48.210	ug/l	99
78) n-propylbenzene	12.81	91	825361	51.248	ug/l	100
79) 2-Chlorotoluene	12.90	91	458698	50.399	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	560428	50.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29311	41.721	ug/l	99
82) 4-Chlorotoluene	12.99	91	473343	49.026	ug/l	100
83) tert-Butylbenzene	13.21	119	475821	50.573	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	574209	50.562	ug/l	100
85) sec-Butylbenzene	13.39	105	707145	50.565	ug/l	100
86) p-Isopropyltoluene	13.51	119	617441	50.058	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	307316	48.838	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306012	48.917	ug/l	99
89) n-Butylbenzene	13.83	91	599258	49.842	ug/l	100
90) Hexachloroethane	14.10	117	108878	48.796	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	265076	48.090	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15641	41.769	ug/l	97

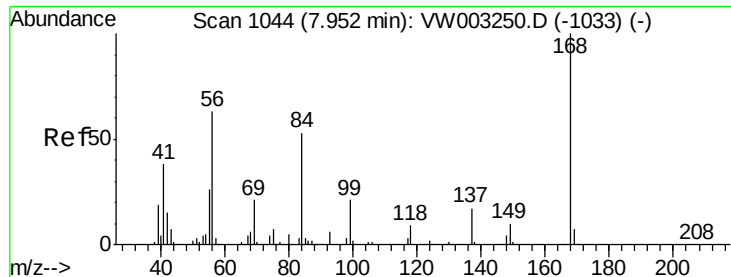
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	176812	45.693	ug/l	99
94) Hexachlorobutadiene	15.25	225	103865	44.622	ug/l	98
95) Naphthalene	15.38	128	285115	43.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	148279	43.534	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

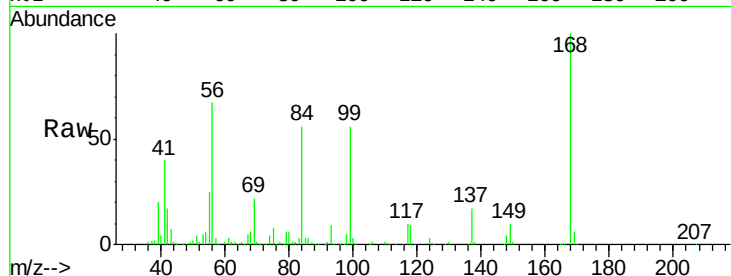
WP021SB476-25-27-180619MSD

Tgt Ion:168 Resp: 253238

Ion Ratio Lower Upper

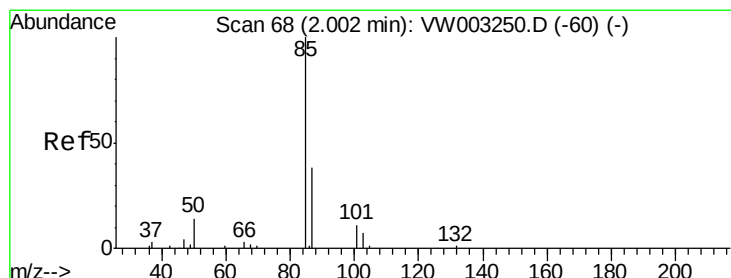
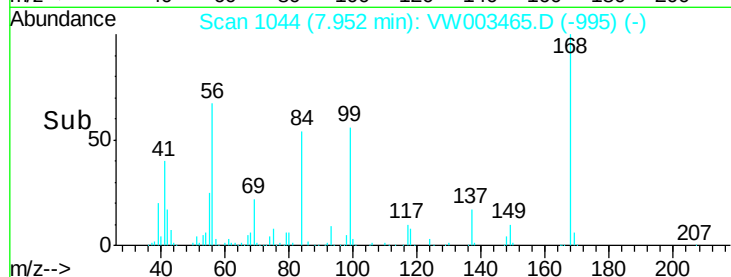
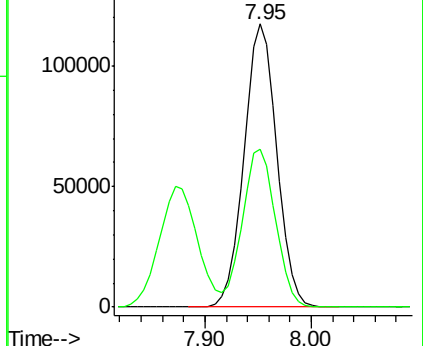
168 100

99 55.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 80.422 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003465.D

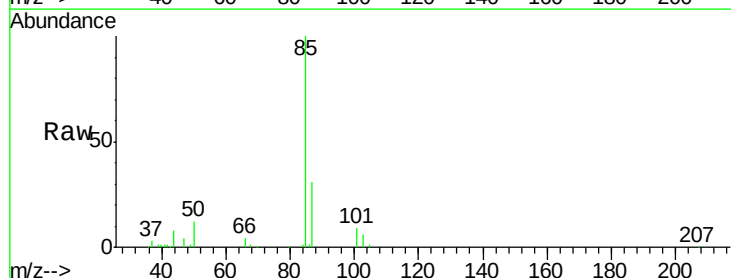
Acq: 23 Jun 2018 17:20

Tgt Ion: 85 Resp: 61571

Ion Ratio Lower Upper

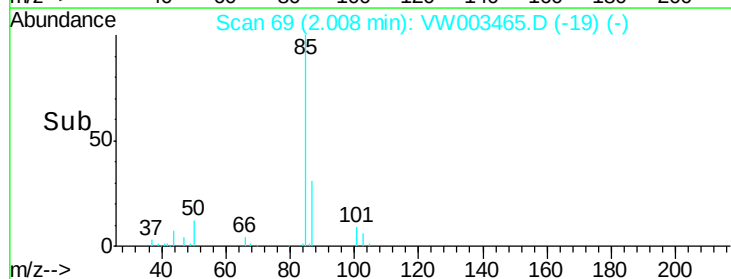
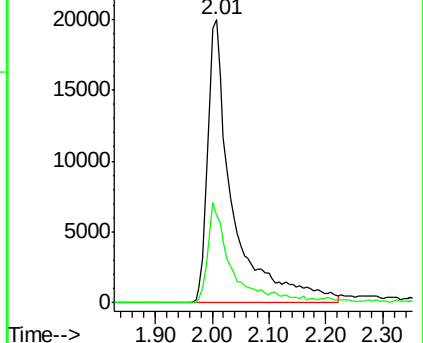
85 100

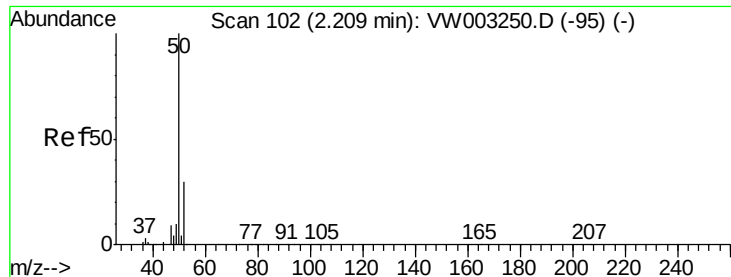
87 30.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.893 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

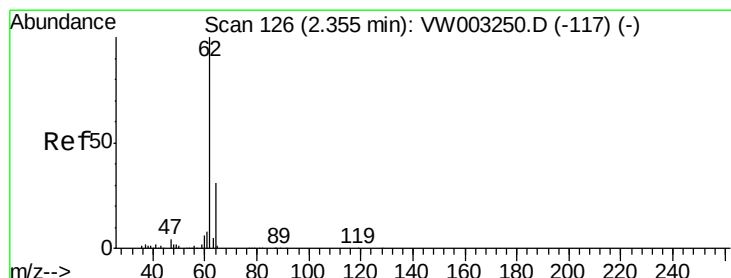
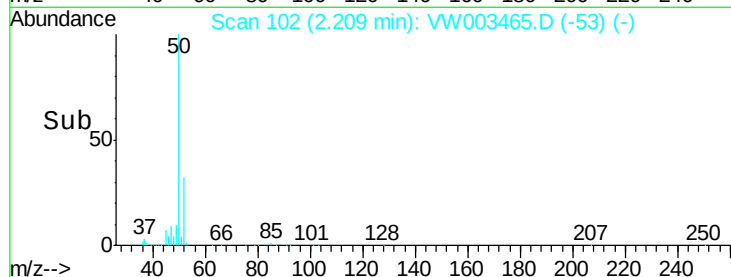
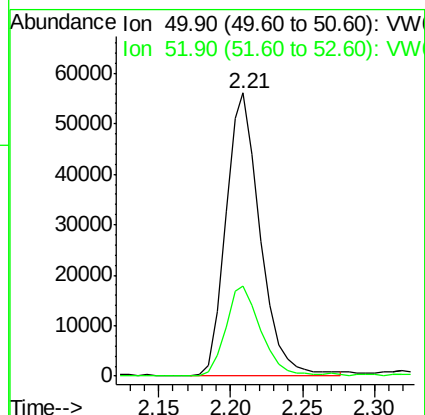
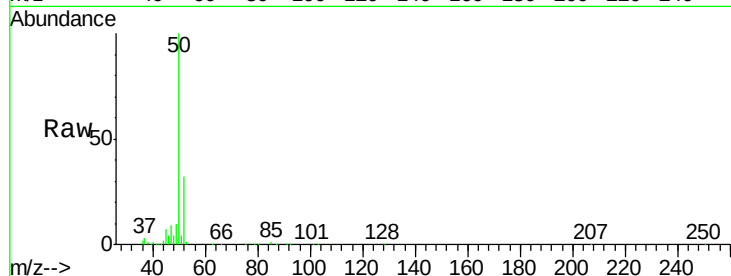
WP021SB476-25-27-180619MSD

Tgt Ion: 50 Resp: 92643

Ion Ratio Lower Upper

50 100

52 31.7 24.2 36.2



#4

Vinyl Chloride

Concen: 46.734 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003465.D

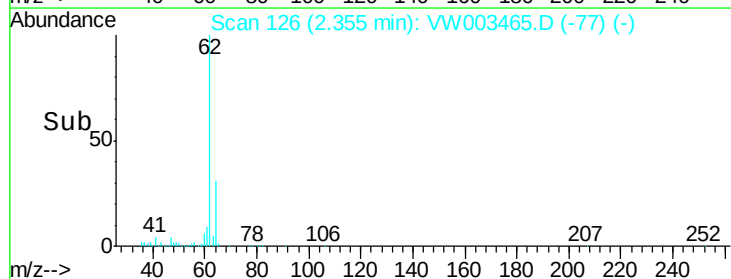
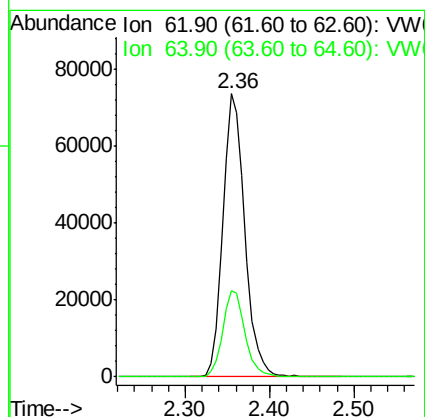
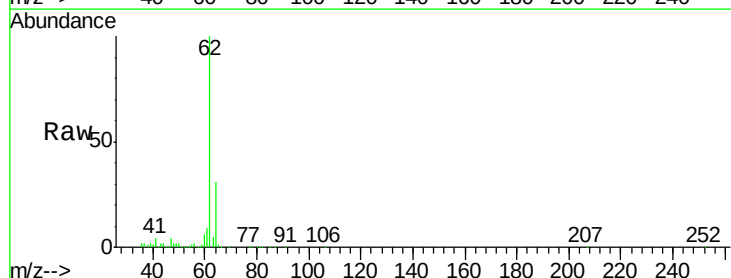
Acq: 23 Jun 2018 17:20

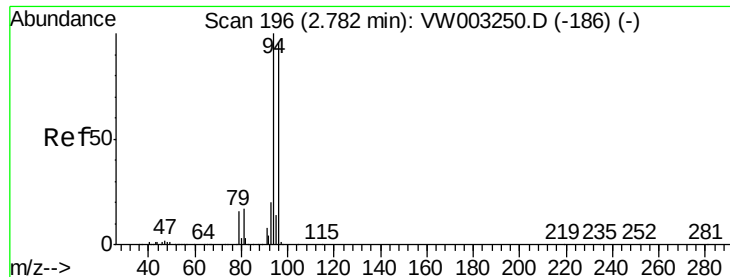
Tgt Ion: 62 Resp: 131785

Ion Ratio Lower Upper

62 100

64 30.6 24.9 37.3





#5

Bromomethane

Concen: 42.341 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

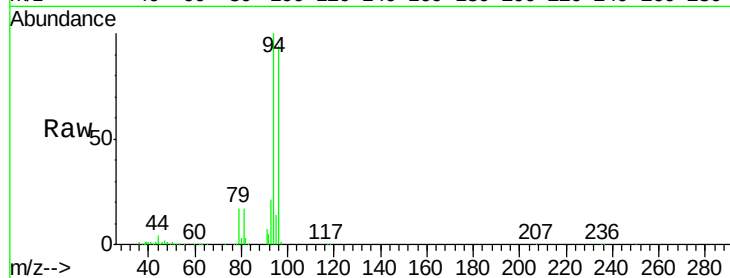
WP021SB476-25-27-180619MSD

Tgt Ion: 94 Resp: 79358

Ion Ratio Lower Upper

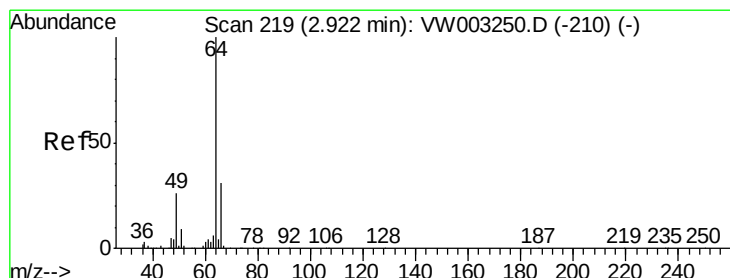
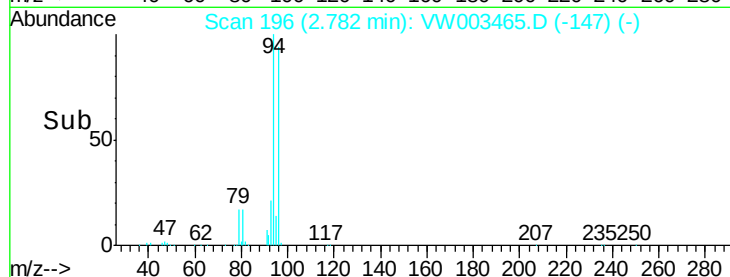
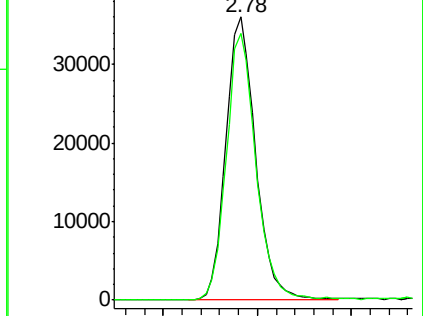
94 100

96 94.2 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 43.019 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003465.D

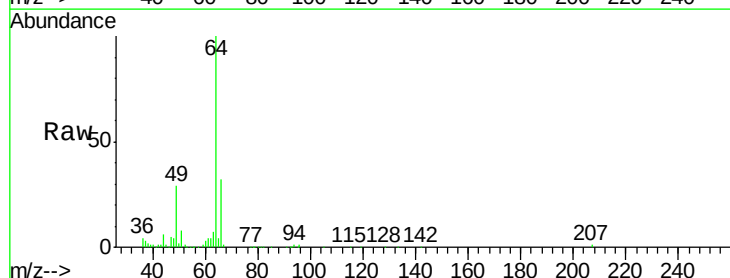
Acq: 23 Jun 2018 17:20

Tgt Ion: 64 Resp: 84441

Ion Ratio Lower Upper

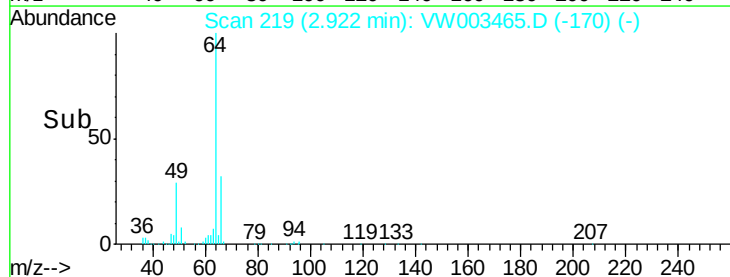
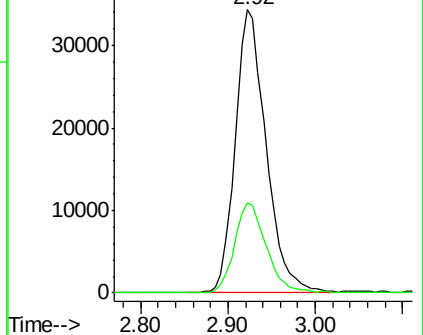
64 100

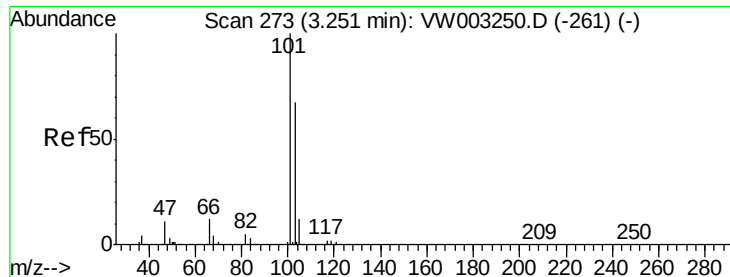
66 31.9 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



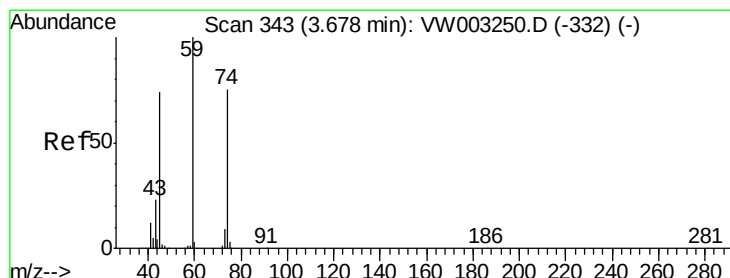
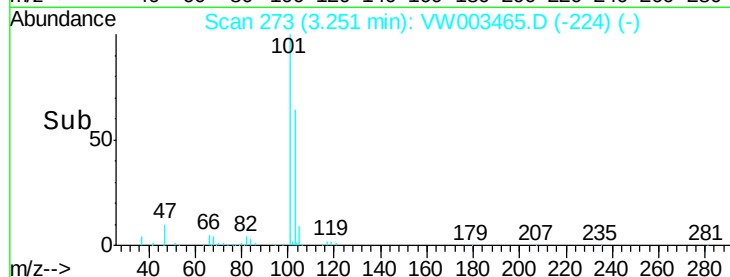
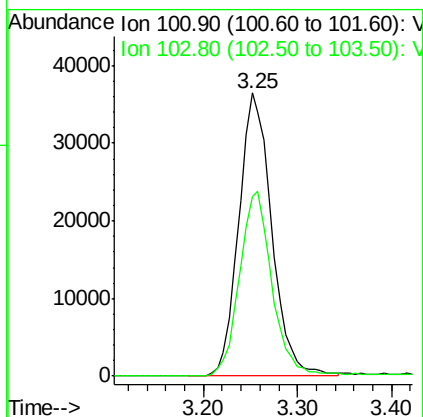
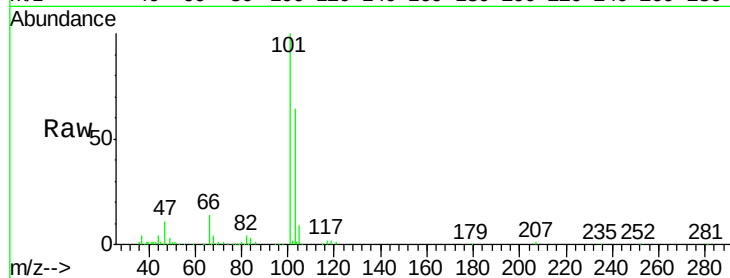


#7

Trichlorofluoromethane
 Concen: 52.867 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

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 WP021SB476-25-27-180619MSD

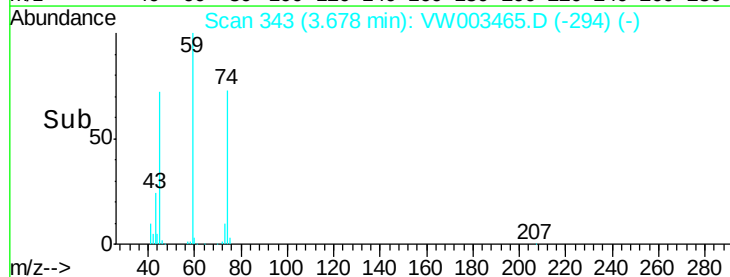
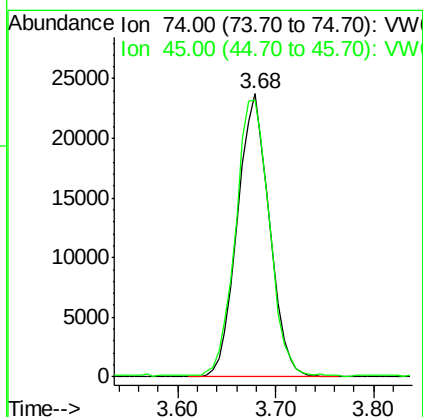
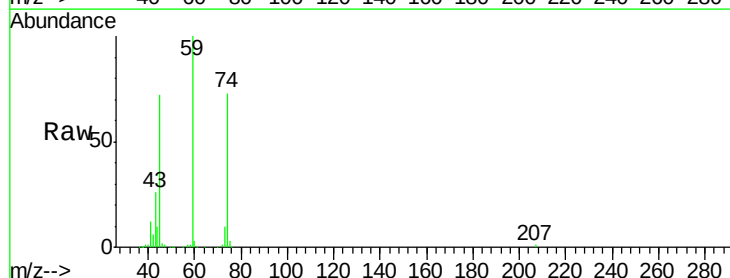
Tgt Ion:101 Resp: 89311
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.4 80.0

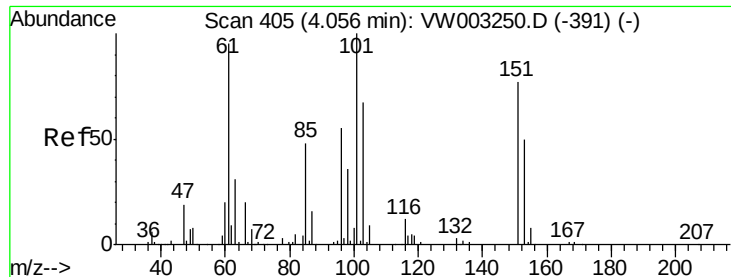


#8

Diethyl Ether
 Concen: 43.566 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion: 74 Resp: 54066
 Ion Ratio Lower Upper
 74 100
 45 103.1 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.368 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

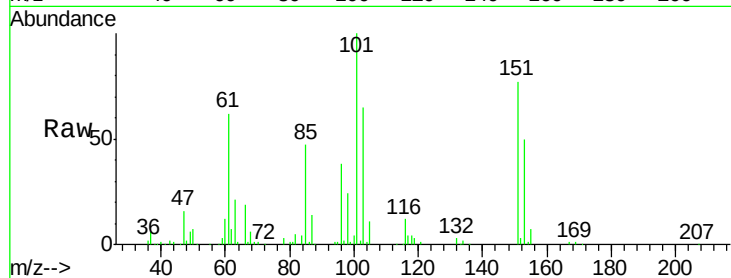
Tgt Ion:101 Resp: 111118

Ion Ratio Lower Upper

101 100

85 45.4 37.0 55.6

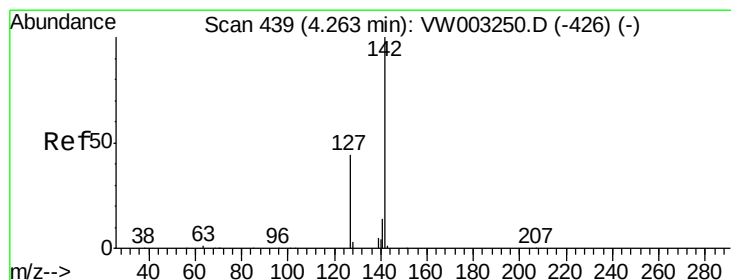
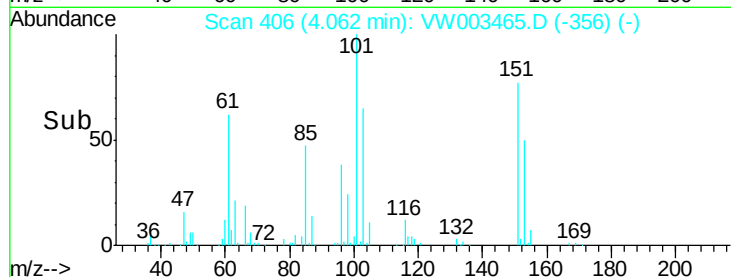
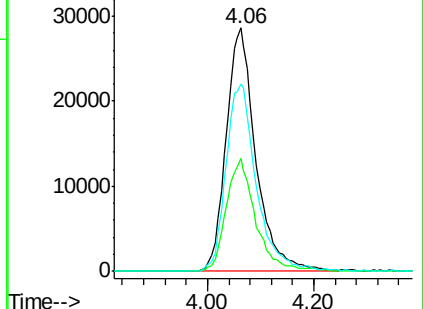
151 79.3 63.3 94.9



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: 48.143 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

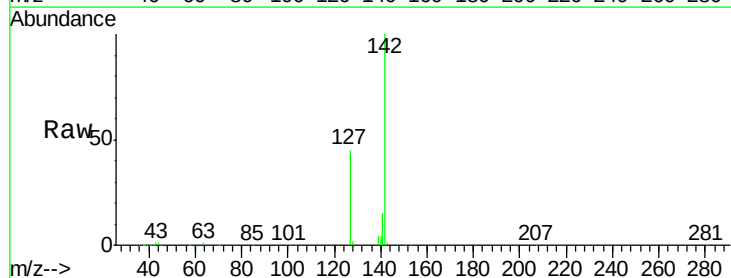
Tgt Ion:142 Resp: 170799

Ion Ratio Lower Upper

142 100

127 45.2 36.5 54.7

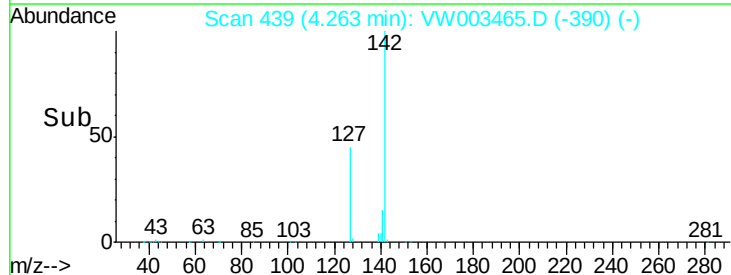
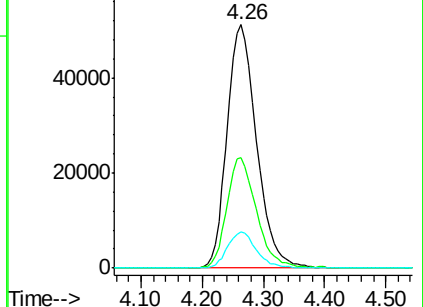
141 14.7 12.1 18.1

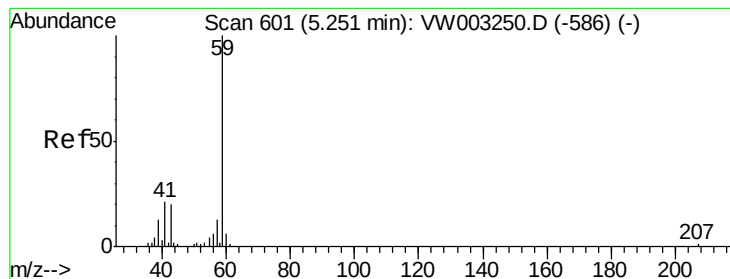


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



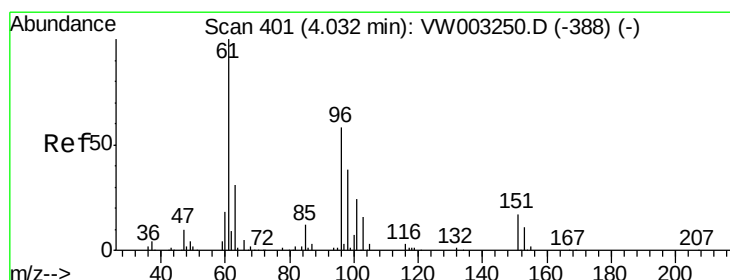
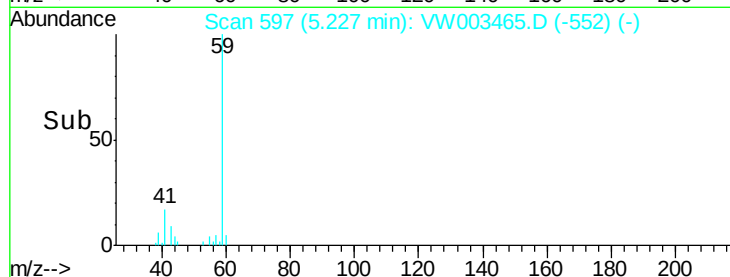
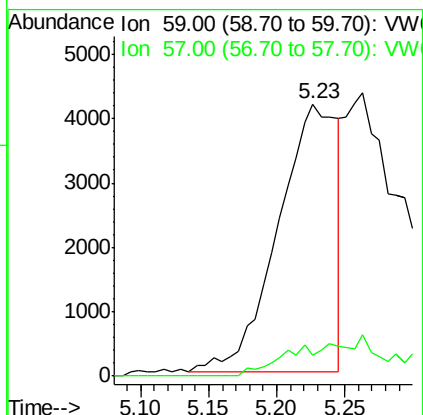
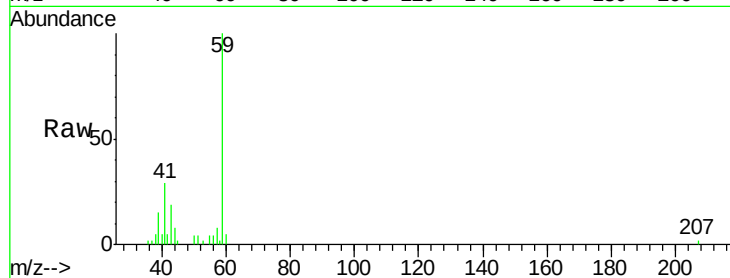


#11

Tert butyl alcohol
Concen: 85.597 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

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

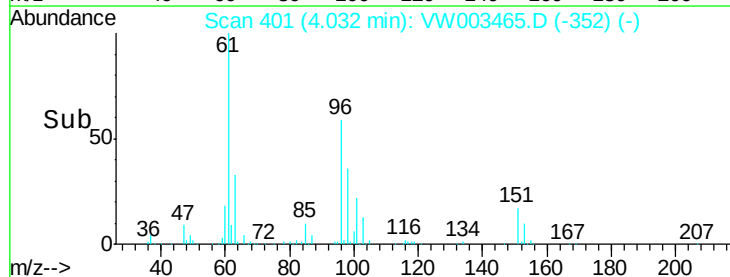
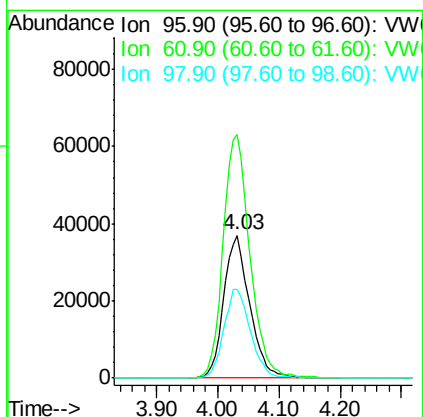
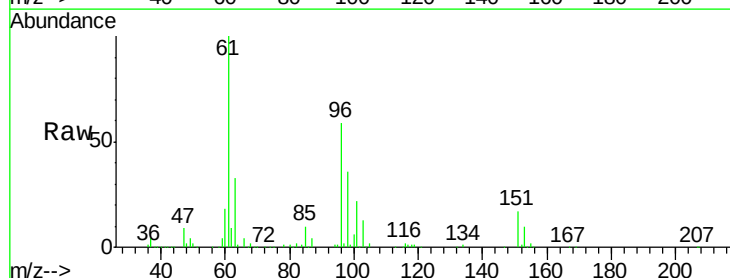
Tgt Ion: 59 Resp: 12592
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

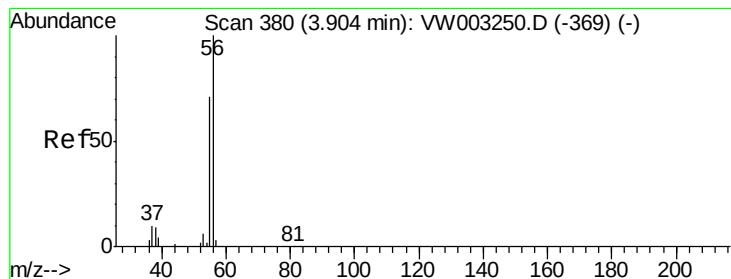


#12

1,1-Dichloroethene
Concen: 47.351 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 96 Resp: 108548
Ion Ratio Lower Upper
96 100
61 170.8 139.0 208.4
98 61.8 53.3 79.9





#13

Acrolein

Concen: 86.633 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

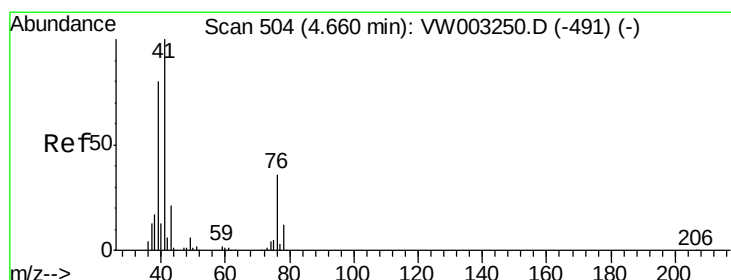
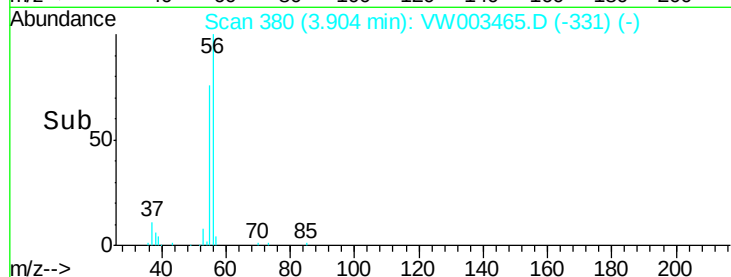
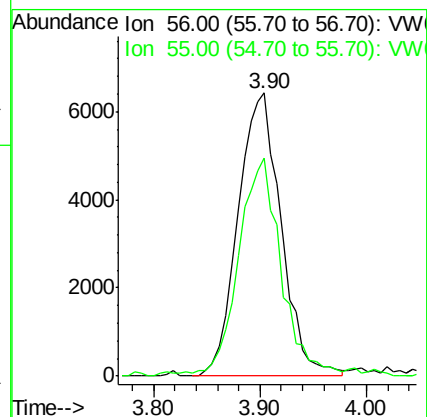
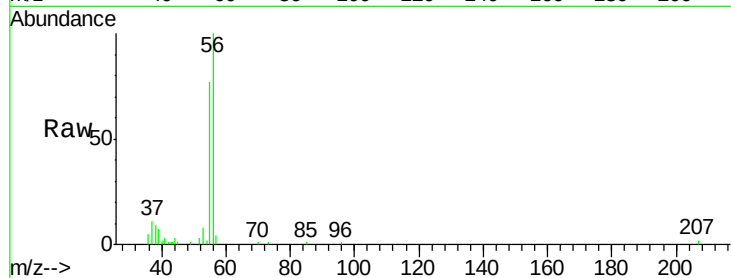
WP021SB476-25-27-180619MSD

Tgt Ion: 56 Resp: 18221

Ion Ratio Lower Upper

56 100

55 72.5 55.4 83.2



#14

Allyl chloride

Concen: 48.195 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

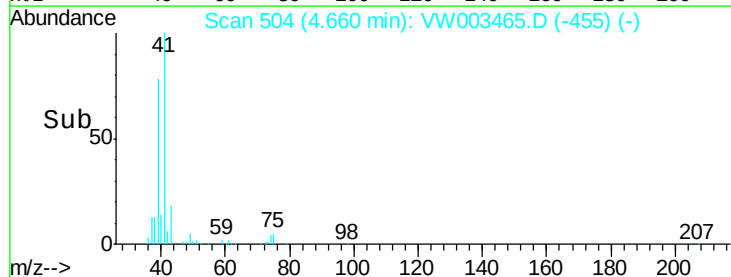
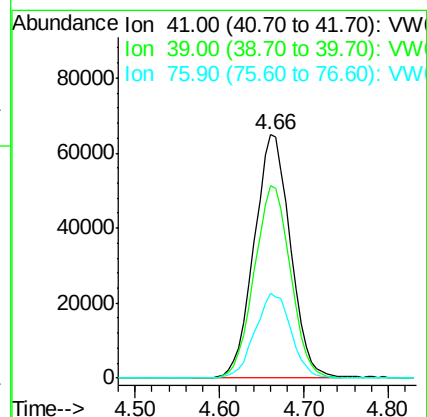
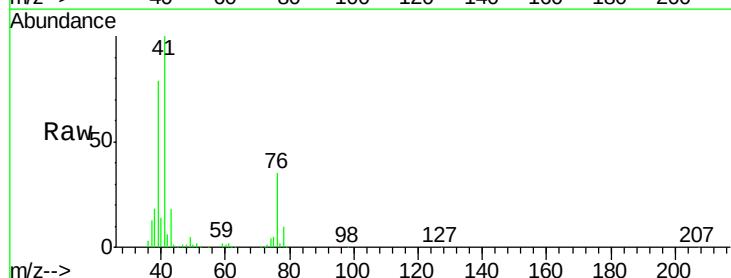
Tgt Ion: 41 Resp: 191378

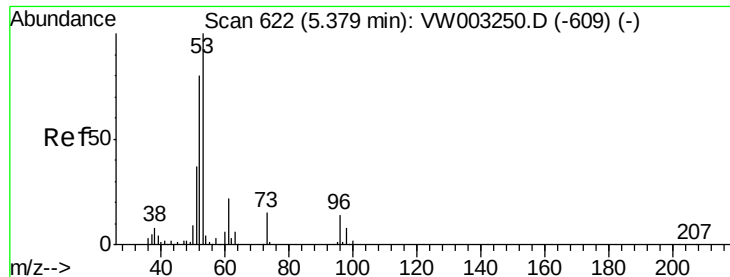
Ion Ratio Lower Upper

41 100

39 78.7 63.2 94.8

76 34.6 28.0 42.0





#15

Acrylonitrile

Concen: 199.886 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

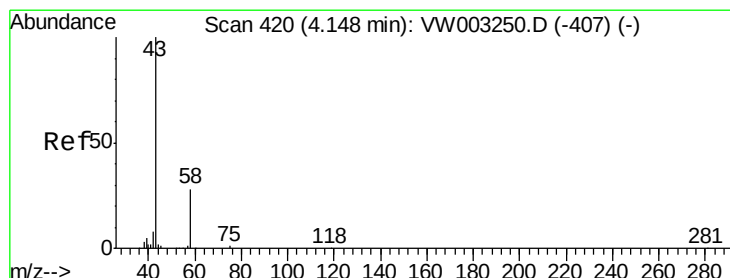
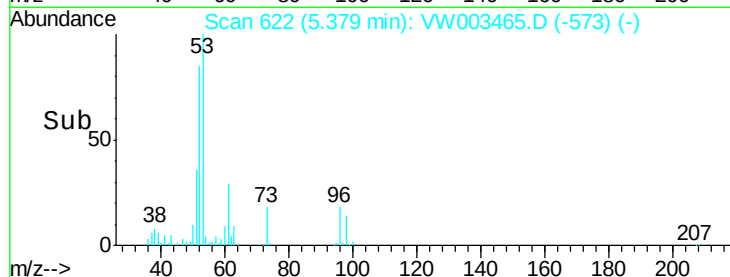
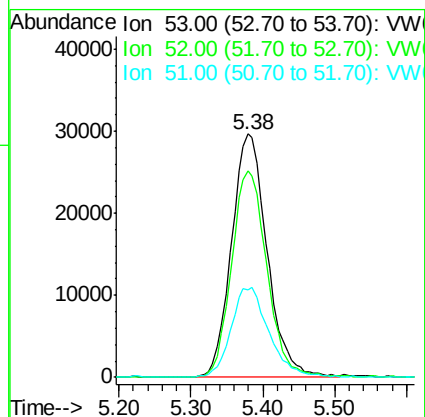
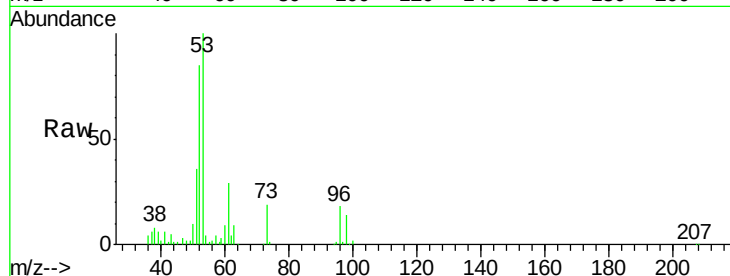
Tgt Ion: 53 Resp: 102060

Ion Ratio Lower Upper

53 100

52 84.2 66.6 100.0

51 39.4 30.6 46.0



#16

Acetone

Concen: 230.529 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003465.D

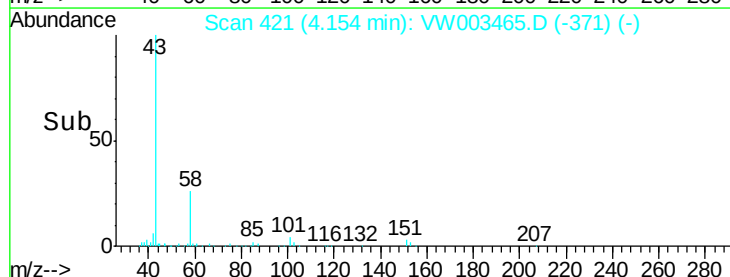
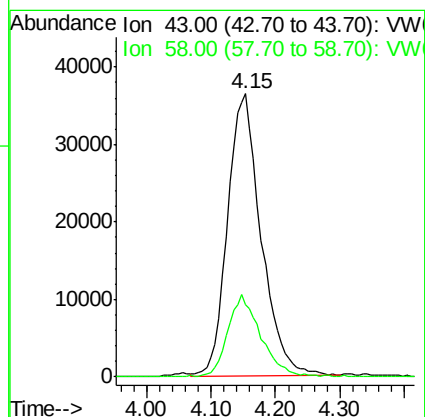
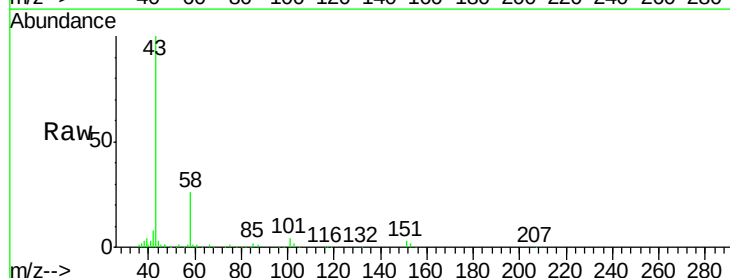
Acq: 23 Jun 2018 17:20

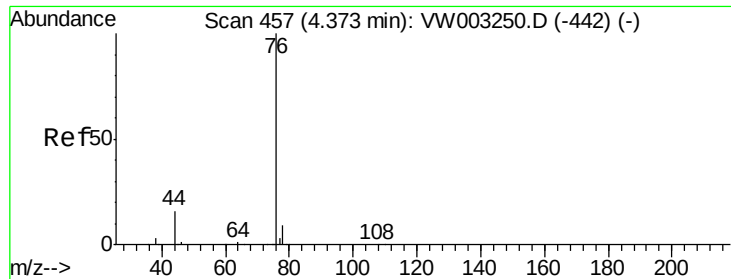
Tgt Ion: 43 Resp: 132619

Ion Ratio Lower Upper

43 100

58 25.4 22.6 34.0

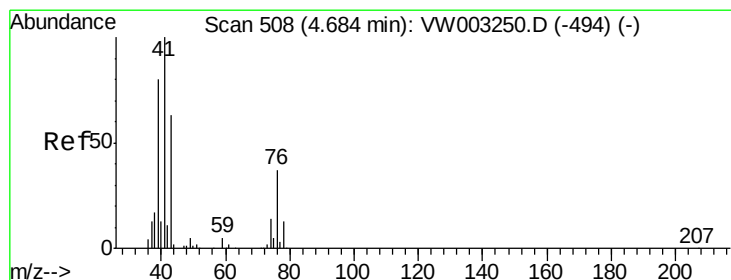
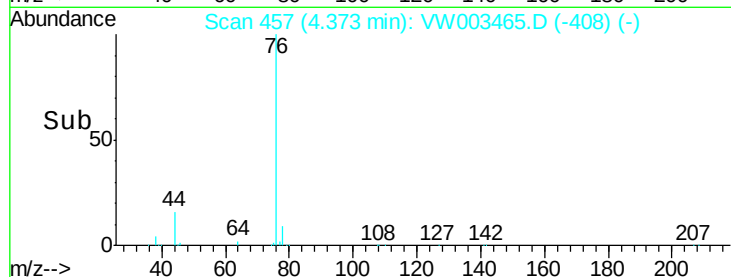
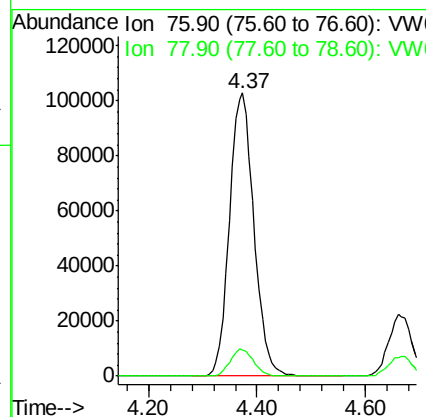
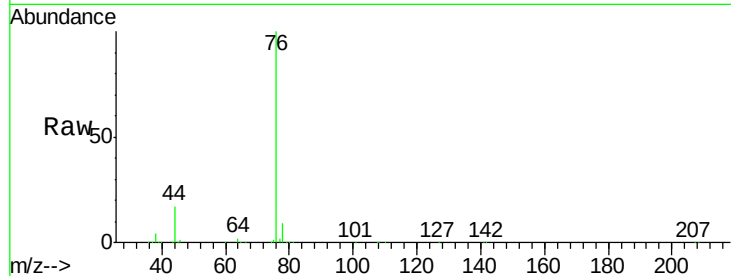




#17
Carbon Disulfide
Concen: 47.581 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

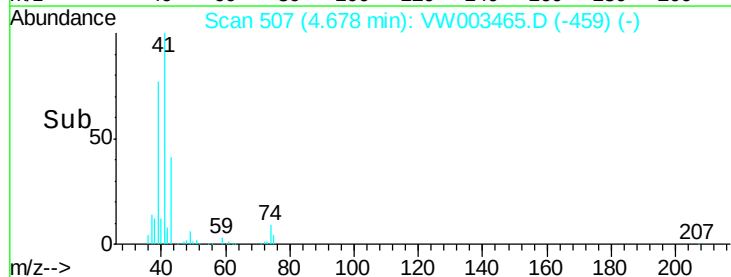
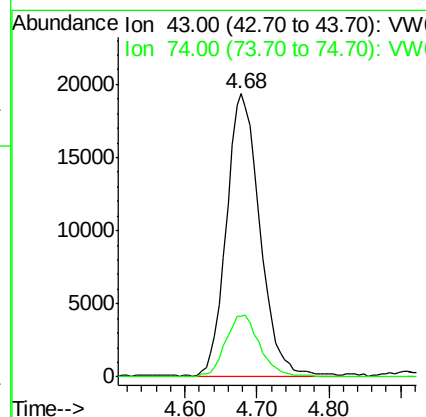
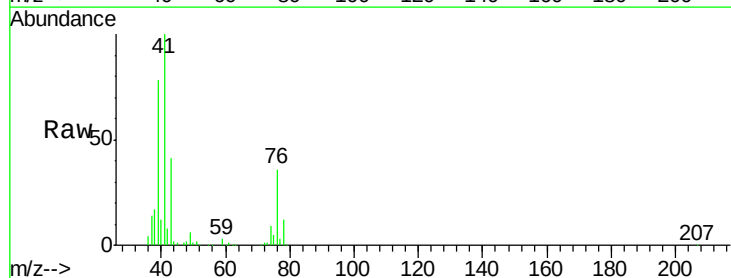
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

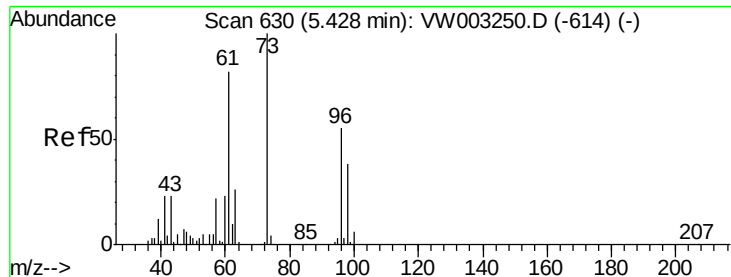
Tgt Ion: 76 Resp: 322471
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 45.444 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 43 Resp: 62020
Ion Ratio Lower Upper
43 100
74 22.5 18.7 28.1

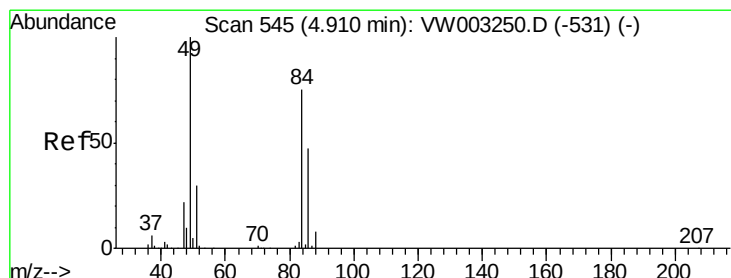
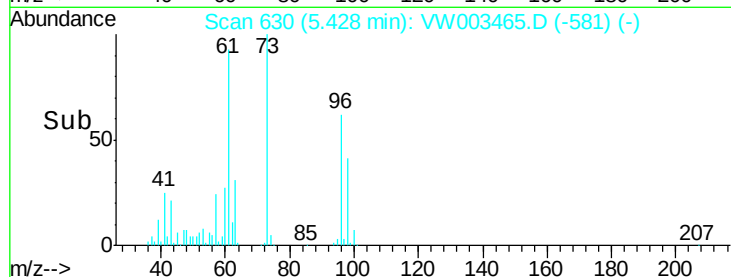
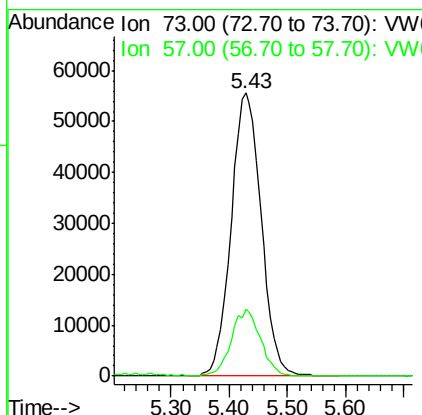
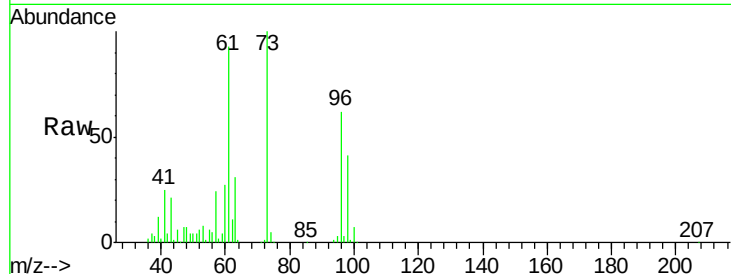




#19
Methyl tert-butyl Ether
Concen: 46.383 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

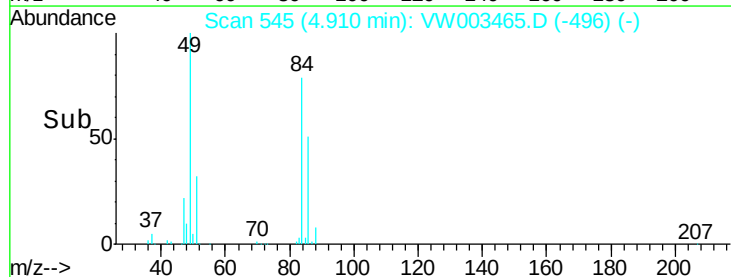
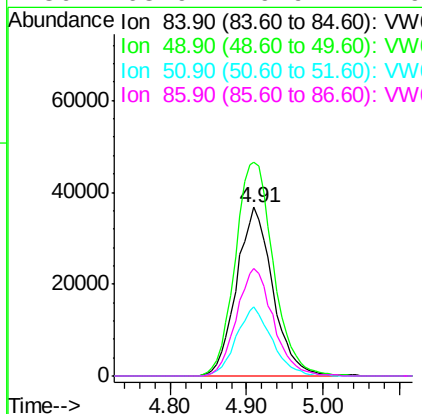
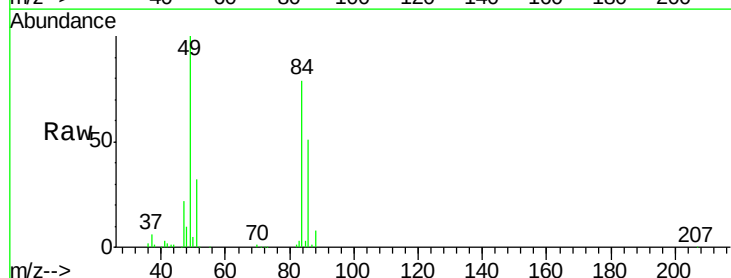
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

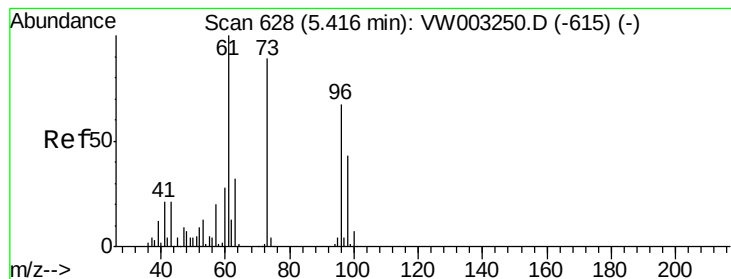
Tgt Ion: 73 Resp: 199149
Ion Ratio Lower Upper
73 100
57 23.8 18.0 27.0



#20
Methylene Chloride
Concen: 49.429 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 84 Resp: 120895
Ion Ratio Lower Upper
84 100
49 126.4 106.3 159.5
51 40.6 32.0 48.0
86 63.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.491 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

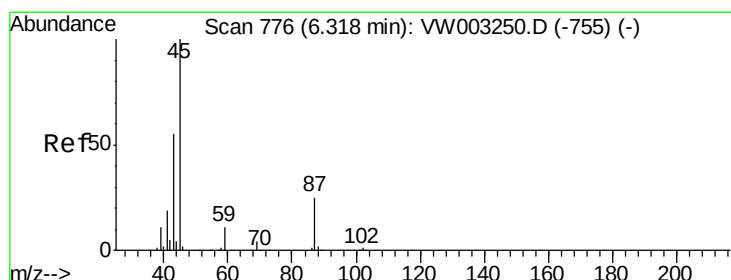
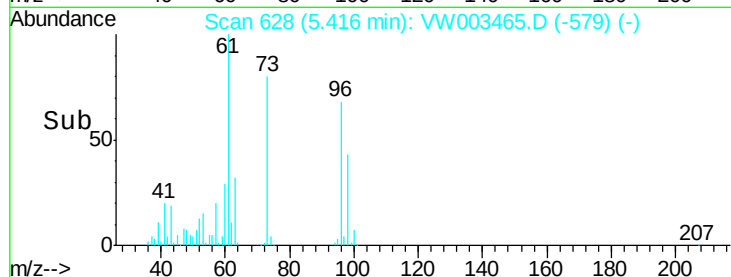
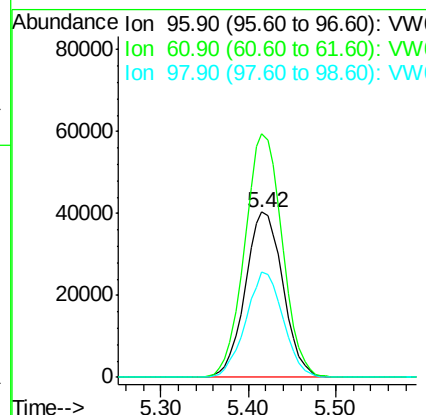
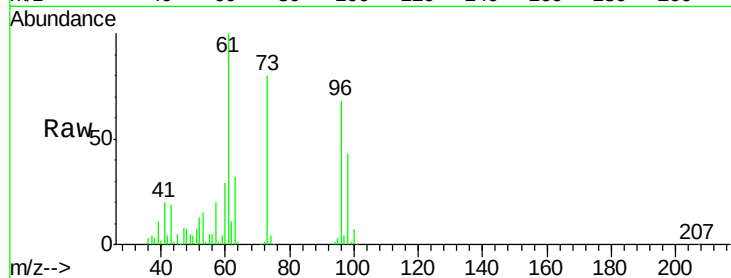
Tgt Ion: 96 Resp: 120979

Ion Ratio Lower Upper

96 100

61 147.4 118.7 178.1

98 64.1 51.0 76.6



#22

Diisopropyl ether

Concen: 49.297 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Tgt Ion: 45 Resp: 393972

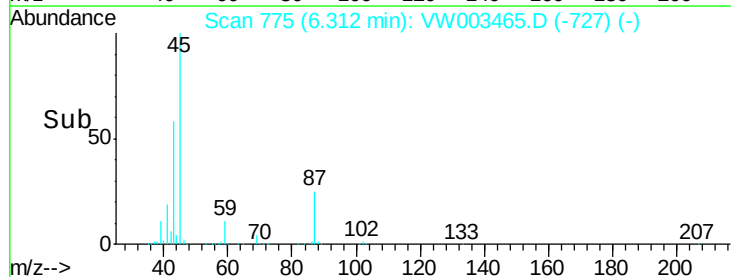
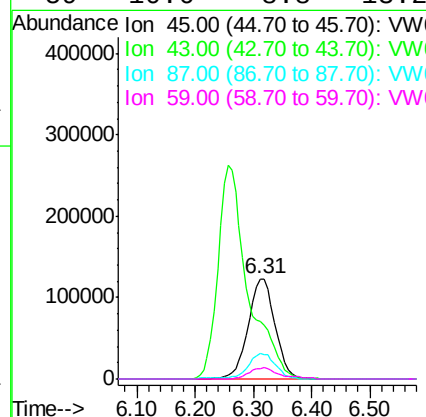
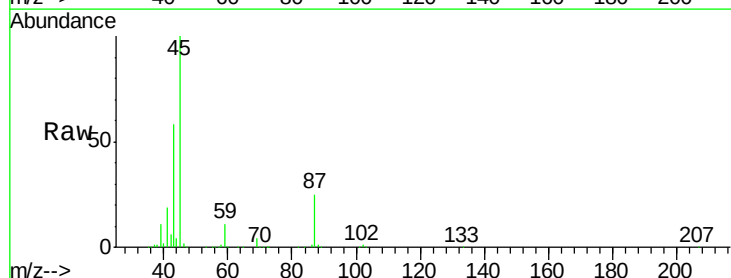
Ion Ratio Lower Upper

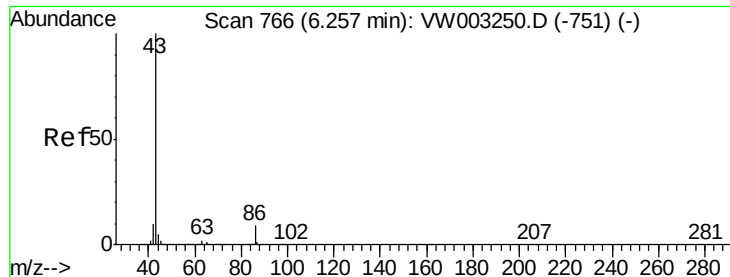
45 100

43 57.4 44.0 66.0

87 25.2 20.6 31.0

59 10.6 8.8 13.2





#23

Vinyl Acetate

Concen: 201.952 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

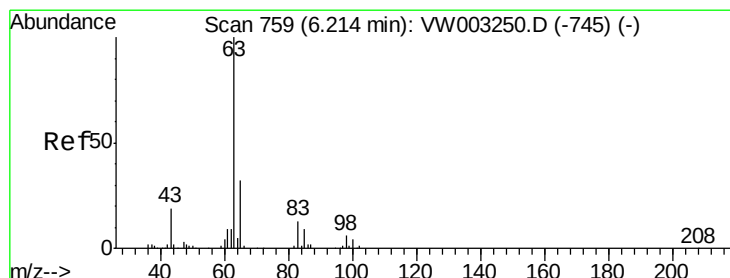
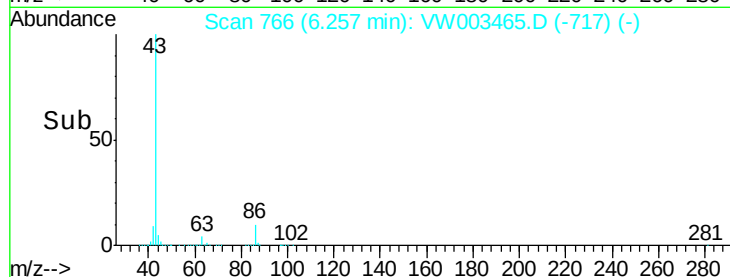
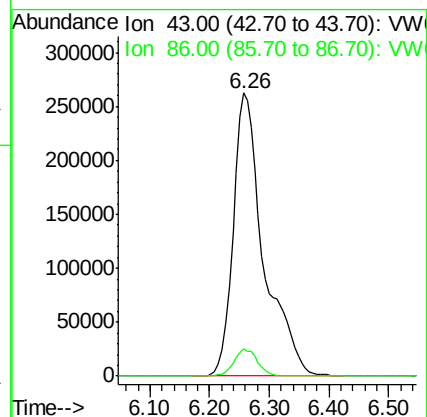
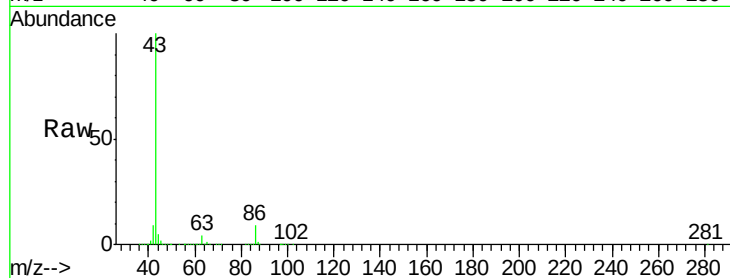
WP021SB476-25-27-180619MSD

Tgt Ion: 43 Resp: 930064

Ion Ratio Lower Upper

43 100

86 9.5 7.5 11.3



#24

1,1-Dichloroethane

Concen: 49.325 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

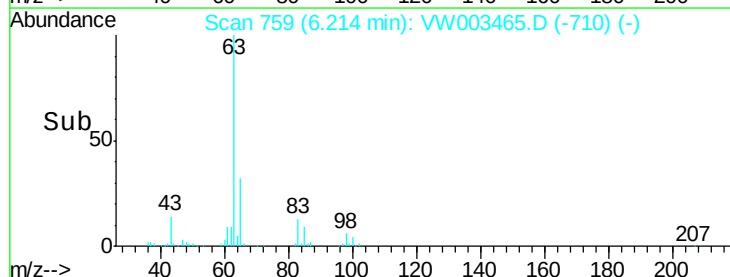
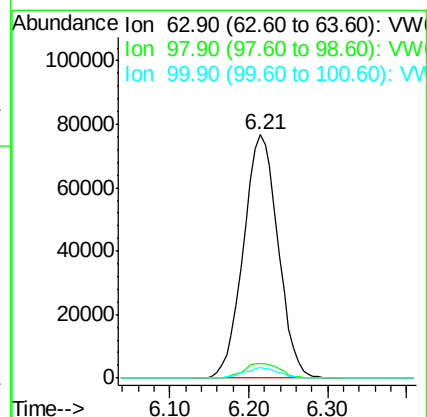
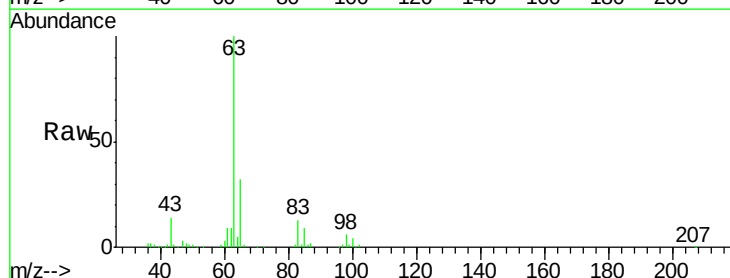
Tgt Ion: 63 Resp: 234014

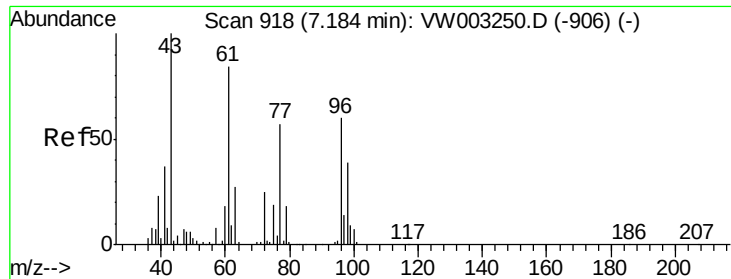
Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 208.148 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

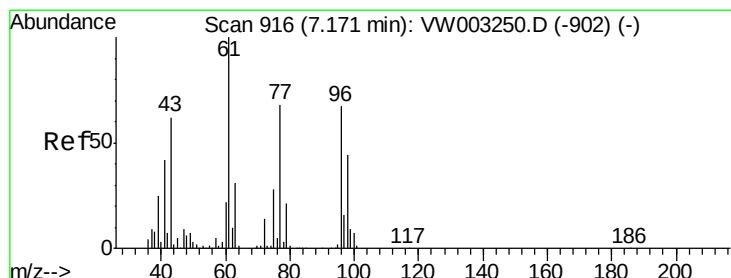
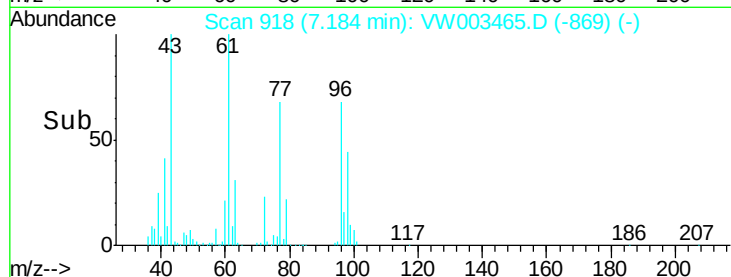
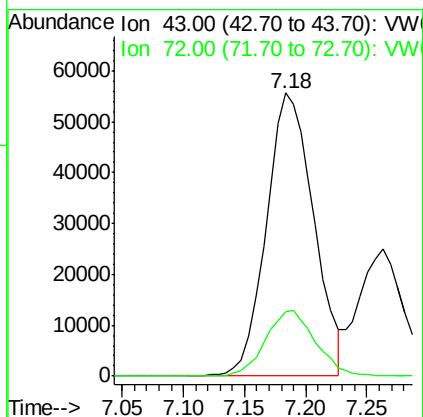
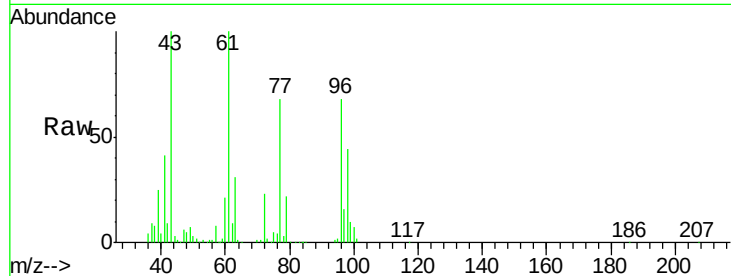
WP021SB476-25-27-180619MSD

Tgt Ion: 43 Resp: 148898

Ion Ratio Lower Upper

43 100

72 23.0 20.3 30.5



#26

2,2-Dichloropropane

Concen: 46.742 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003465.D

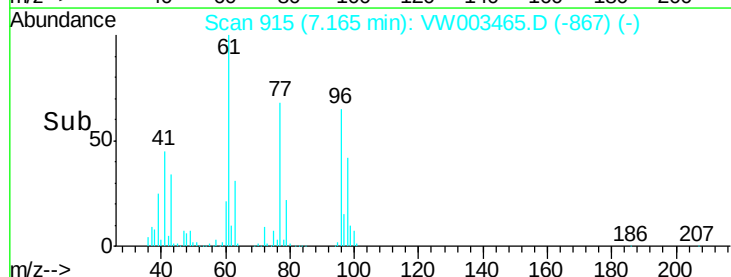
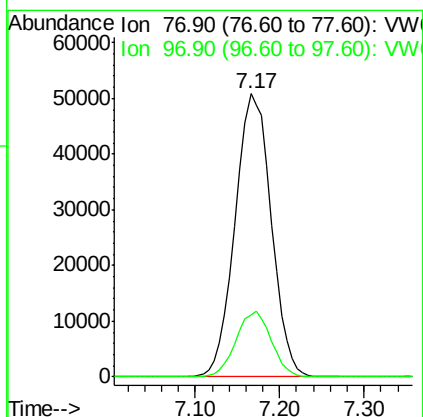
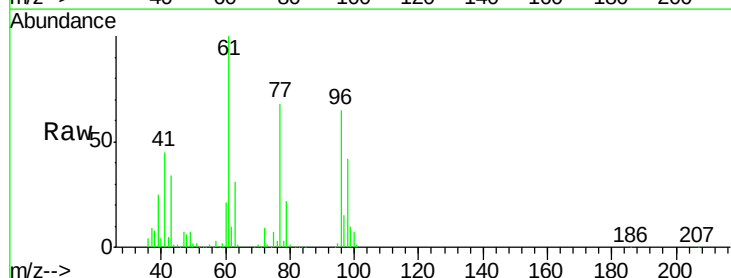
Acq: 23 Jun 2018 17:20

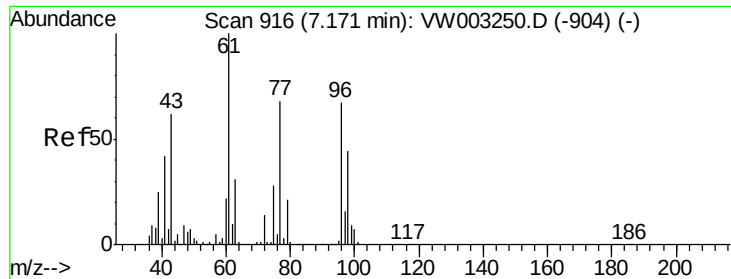
Tgt Ion: 77 Resp: 148001

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9



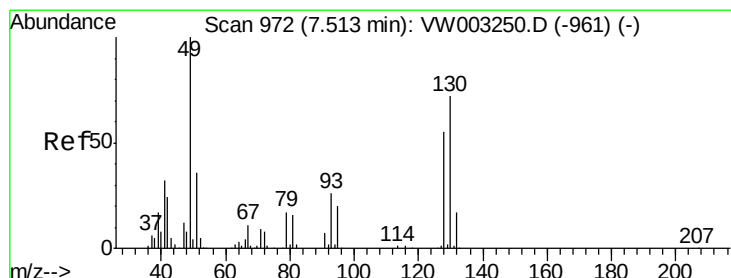
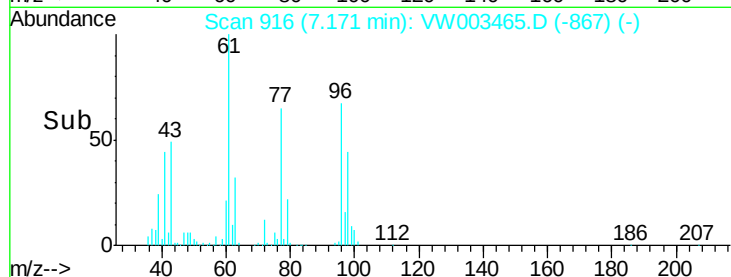
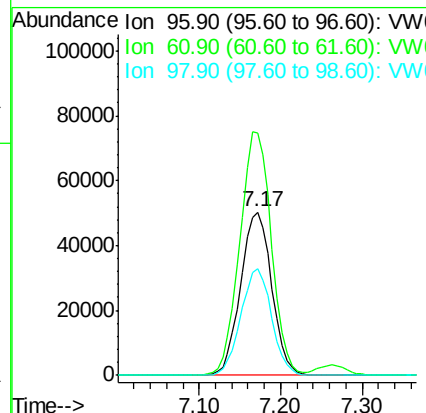
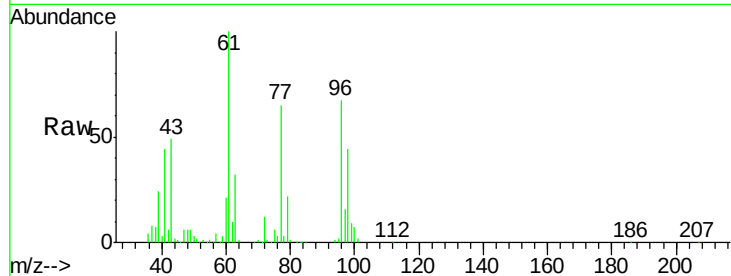


#27

cis-1,2-Dichloroethene
Concen: 48.467 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

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

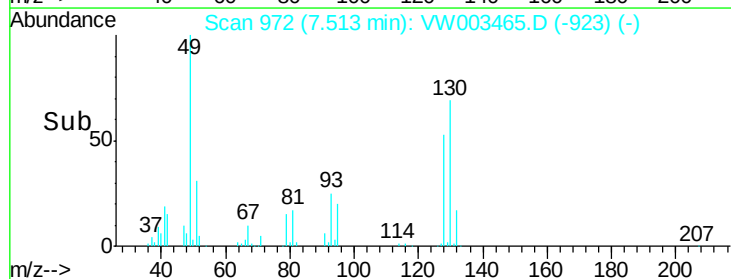
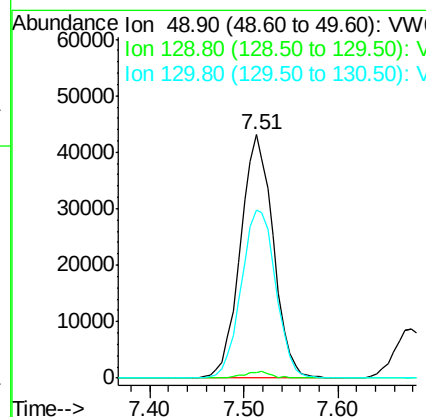
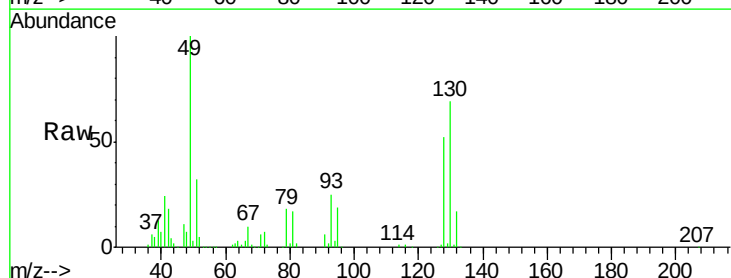
Tgt Ion: 96 Resp: 132834
Ion Ratio Lower Upper
96 100
61 151.7 0.0 298.8
98 64.8 0.0 130.4

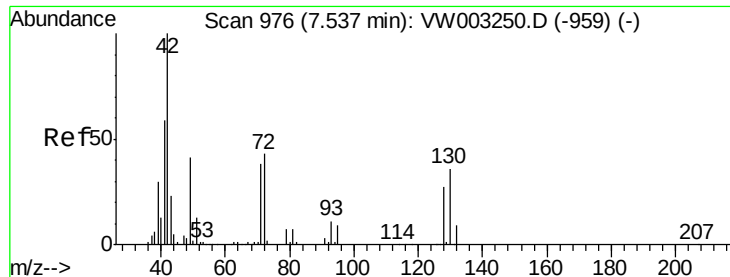


#28

Bromochloromethane
Concen: 53.178 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 49 Resp: 104989
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 72.7 59.4 89.2

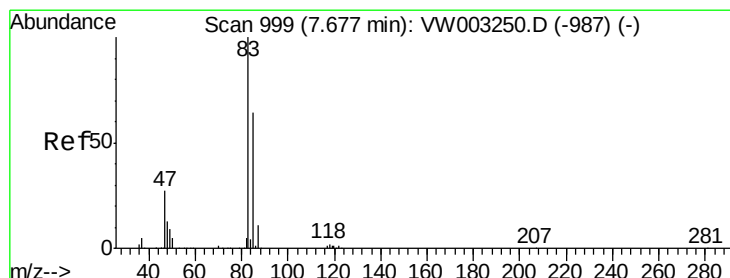
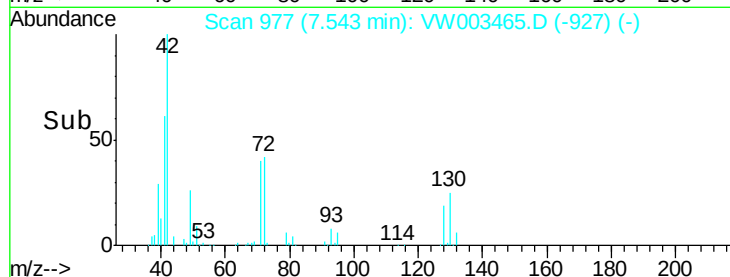
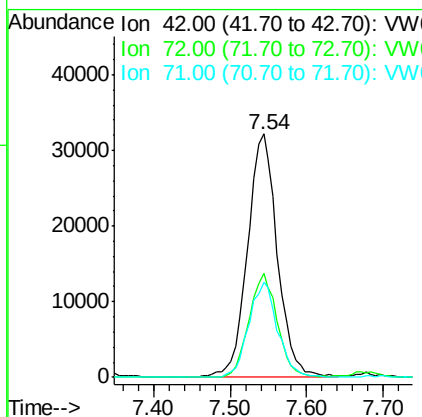
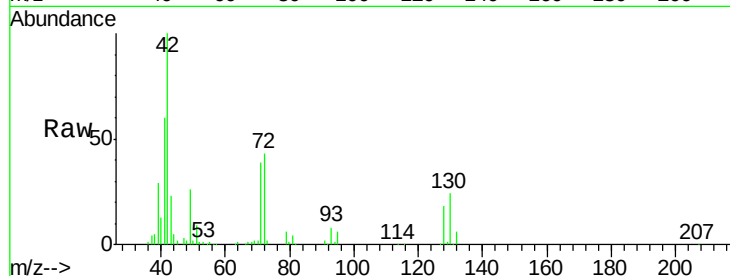




#29
Tetrahydrofuran
Concen: 200.595 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

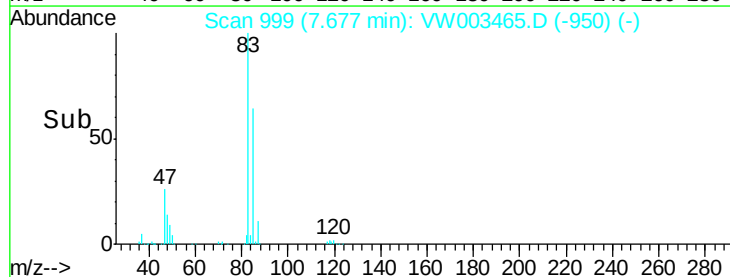
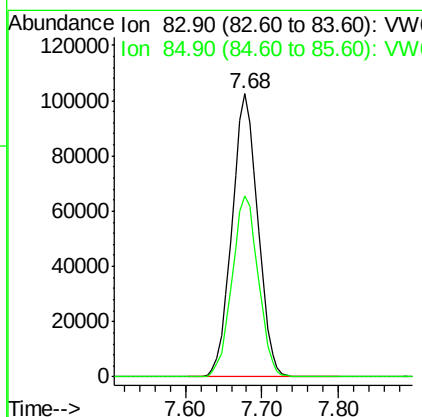
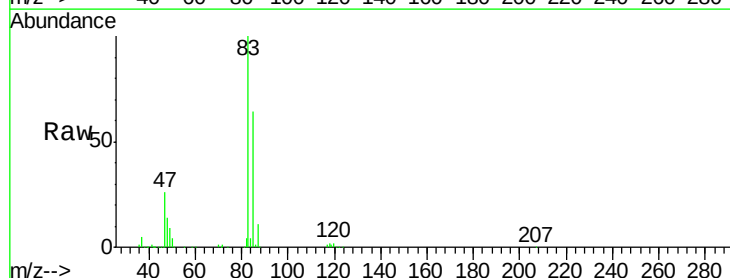
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

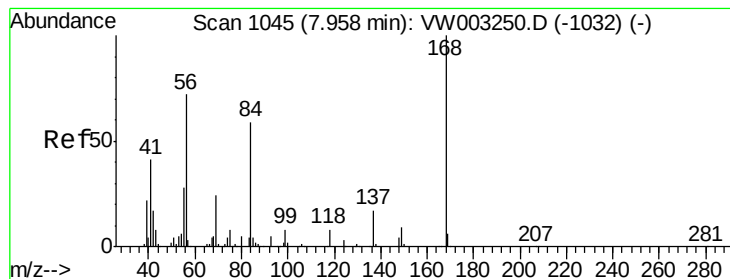
Tgt Ion: 42 Resp: 87699
Ion Ratio Lower Upper
42 100
72 40.5 32.4 48.6
71 37.7 31.2 46.8



#30
Chloroform
Concen: 49.618 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 83 Resp: 239828
Ion Ratio Lower Upper
83 100
85 63.8 51.3 76.9





#31

Cyclohexane

Concen: 46.141 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

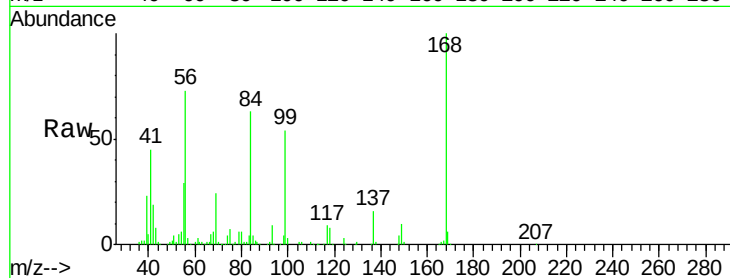
Tgt Ion: 56 Resp: 204514

Ion Ratio Lower Upper

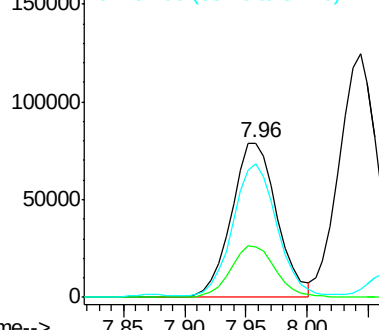
56 100

69 32.8 26.3 39.5

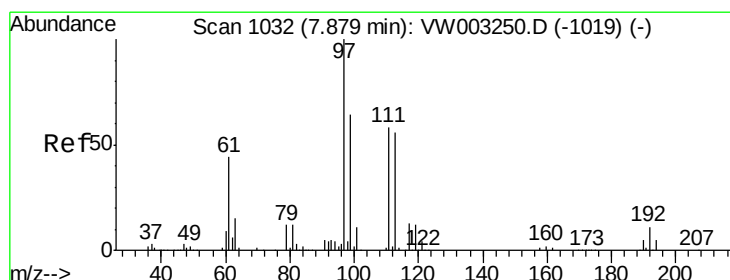
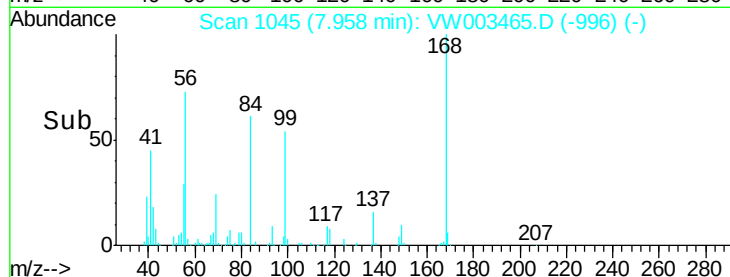
84 85.0 65.7 98.5



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



Time-->



#32

1,1,1-Trichloroethane

Concen: 50.027 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

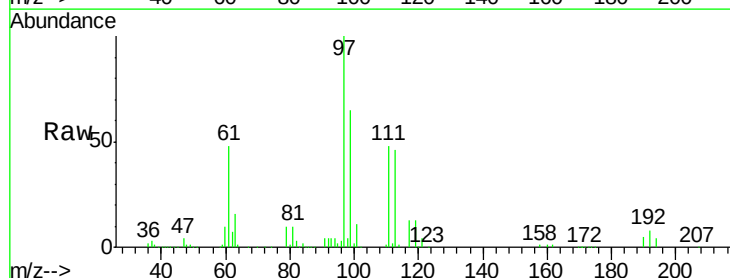
Tgt Ion: 97 Resp: 199589

Ion Ratio Lower Upper

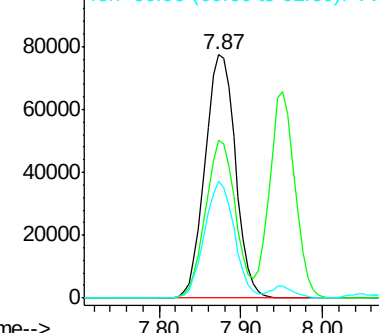
97 100

99 63.9 51.7 77.5

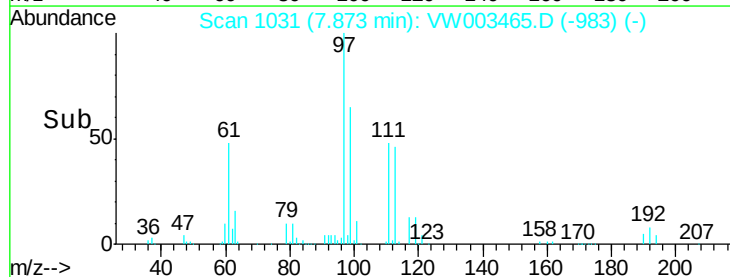
61 47.0 37.6 56.4

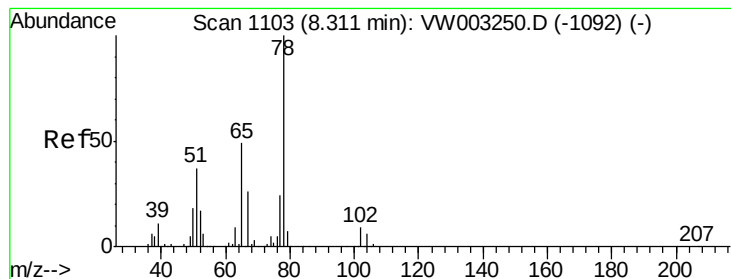


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.913 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

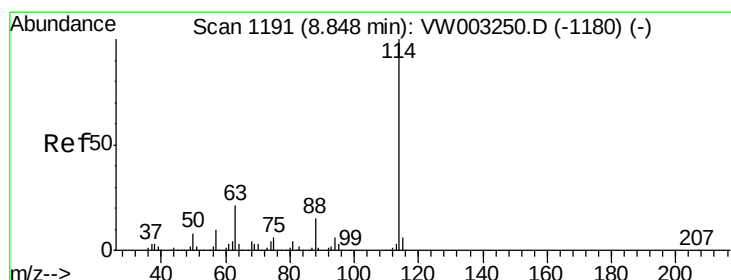
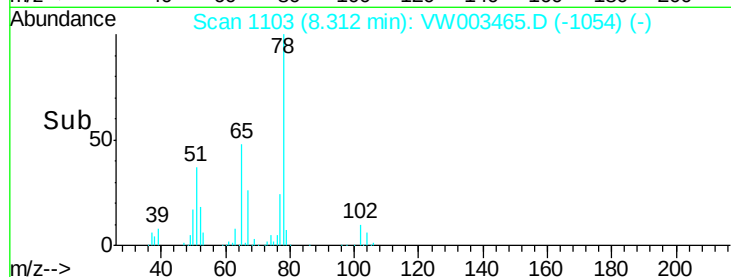
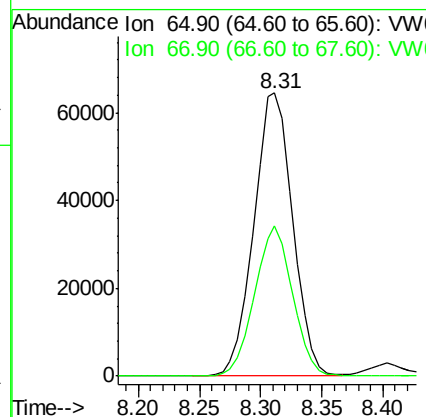
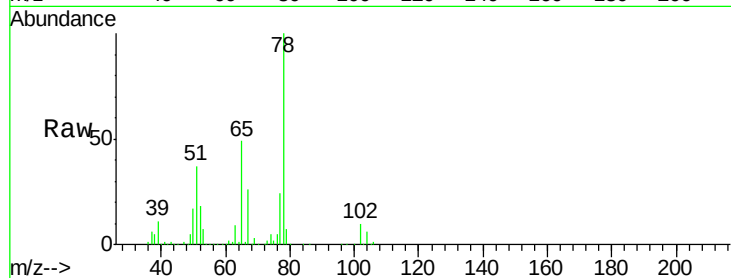
WP021SB476-25-27-180619MSD

Tgt Ion: 65 Resp: 142396

Ion Ratio Lower Upper

65 100

67 51.7 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: VW003465.D

Acq: 23 Jun 2018 17:20

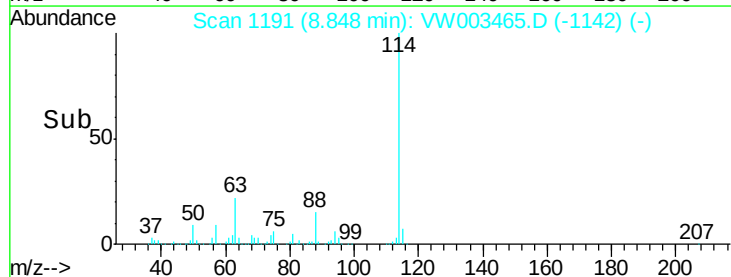
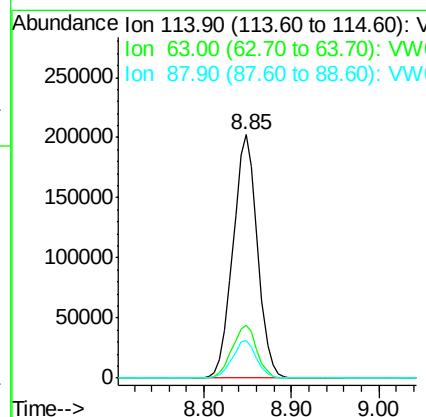
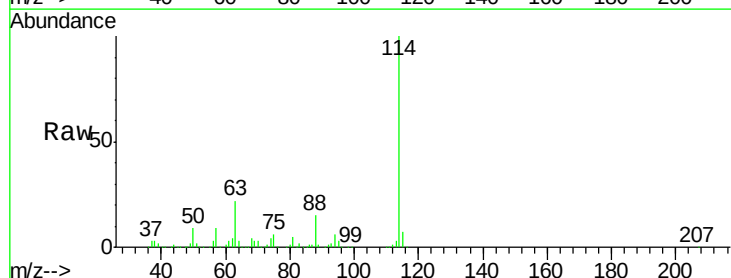
Tgt Ion: 114 Resp: 392159

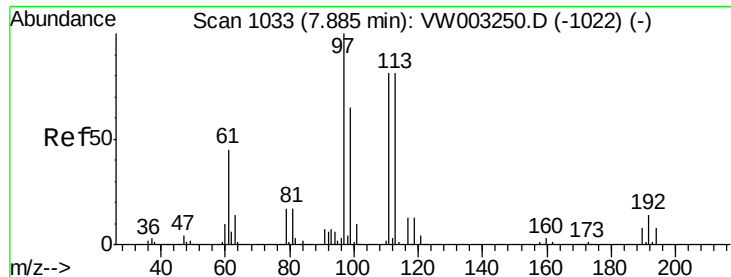
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.0

88 15.2 0.0 29.6

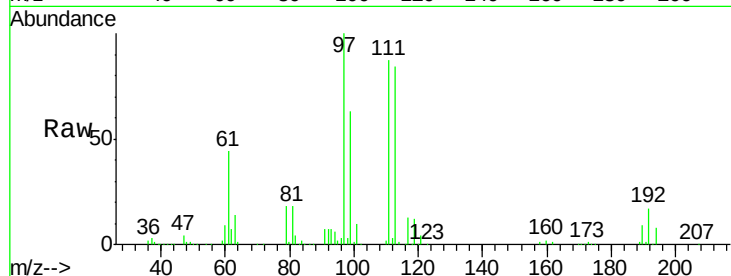




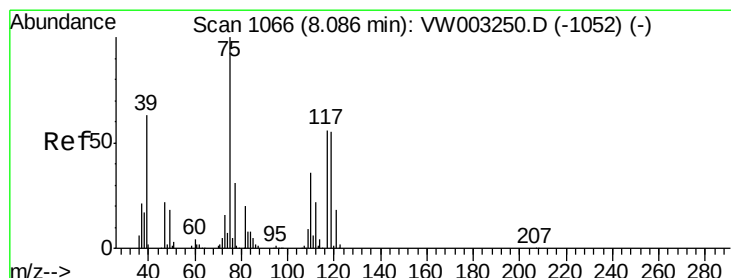
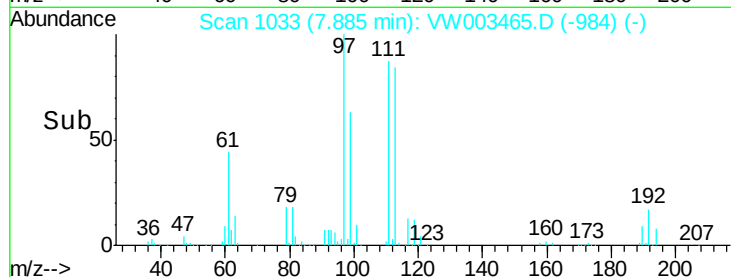
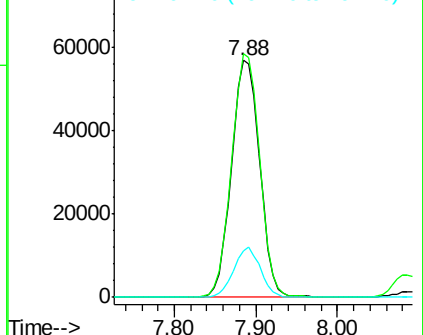
#35
 Dibromofluoromethane
 Concen: 55.476 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

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

Tgt Ion: 113 Resp: 135182
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 20.1 16.2 24.2

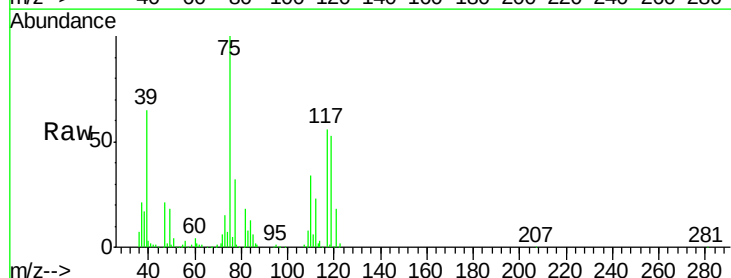


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

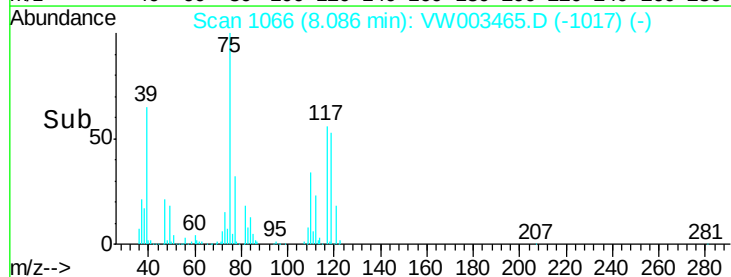
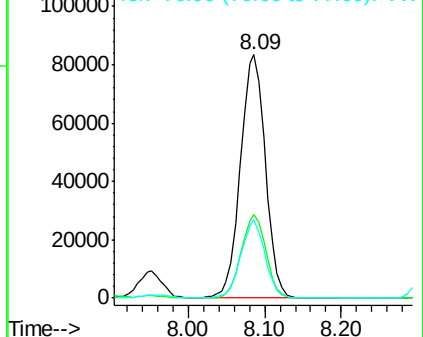


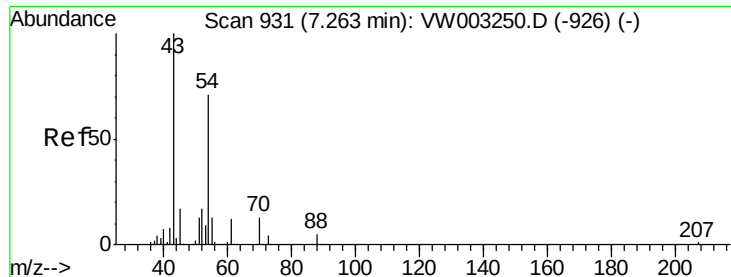
#36
 1,1-Dichloropropene
 Concen: 49.906 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion: 75 Resp: 189006
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.1 51.3
 77 31.3 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

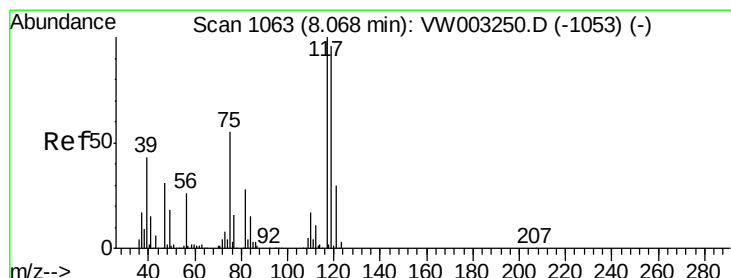
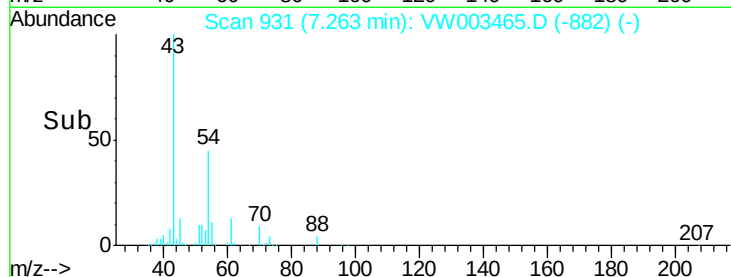
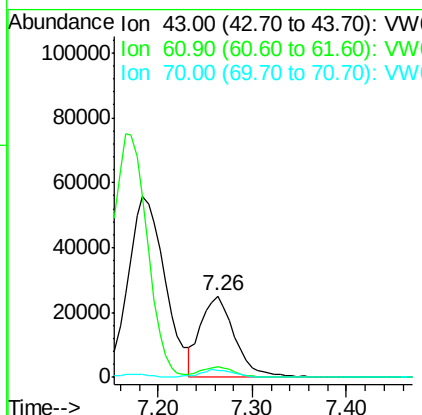
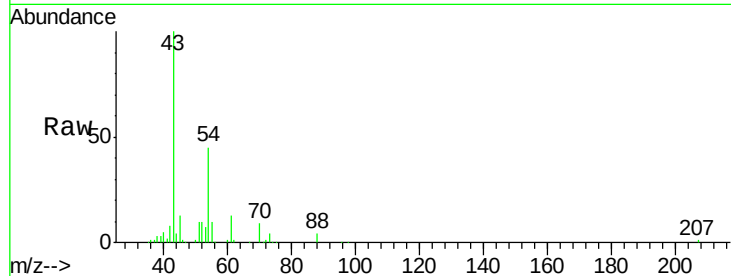




#37
 Ethyl Acetate
 Concen: 39.689 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

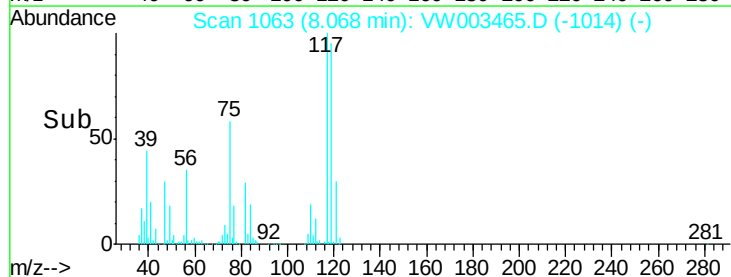
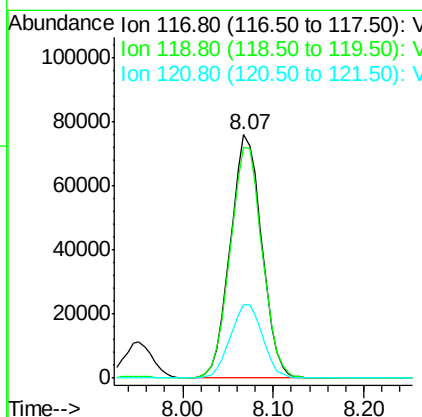
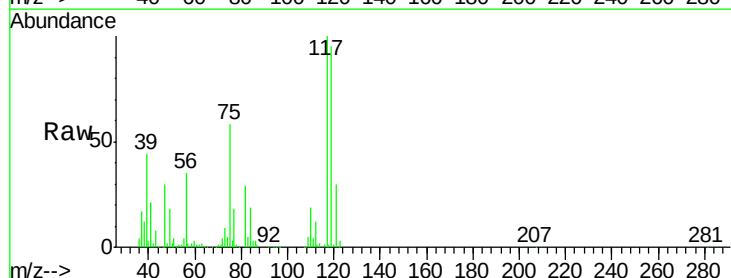
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

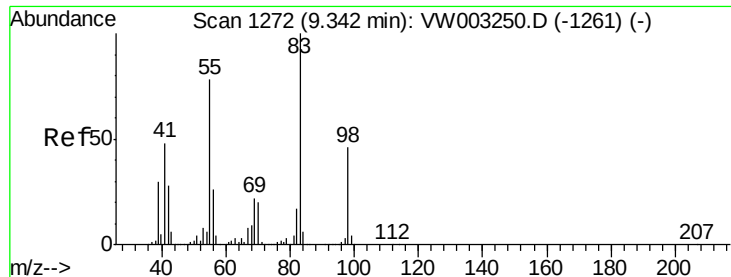
Tgt Ion: 43 Resp: 62270
 Ion Ratio Lower Upper
 43 100
 61 12.6 10.8 16.2
 70 9.5 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 49.362 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion: 117 Resp: 183377
 Ion Ratio Lower Upper
 117 100
 119 94.8 76.6 115.0
 121 30.1 23.9 35.9

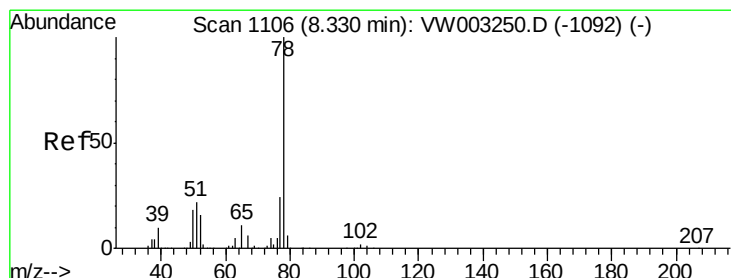
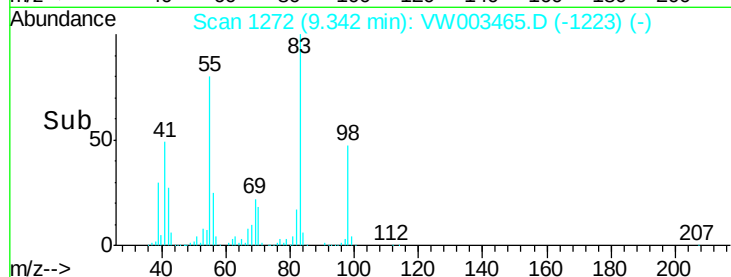
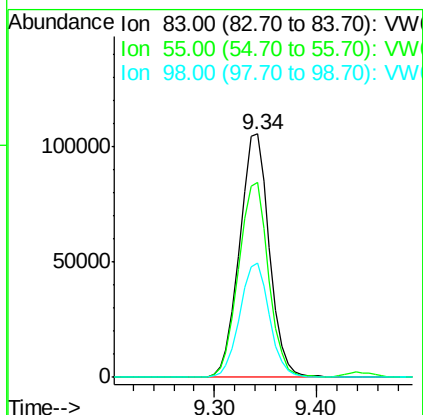
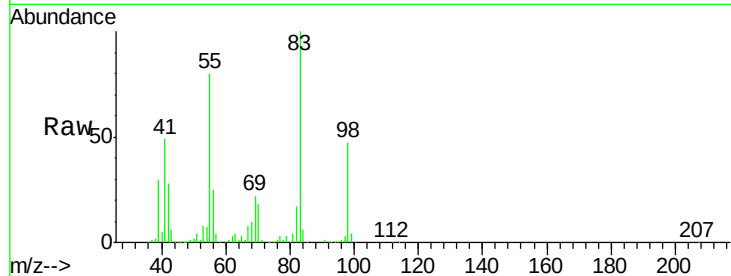




#39
Methylcyclohexane
Concen: 48.885 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

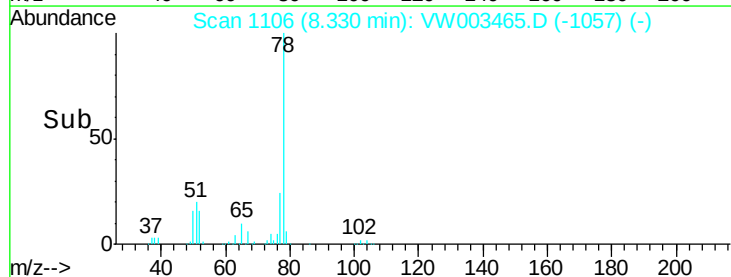
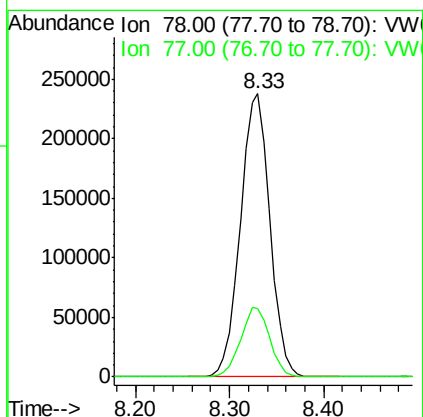
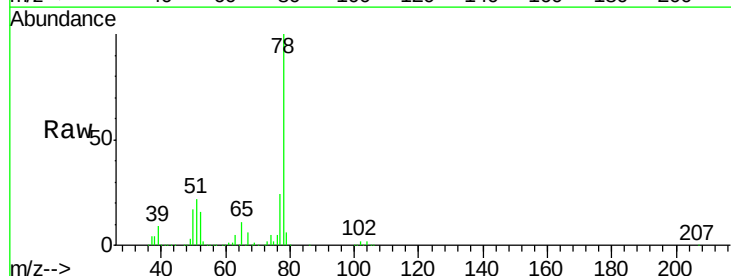
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

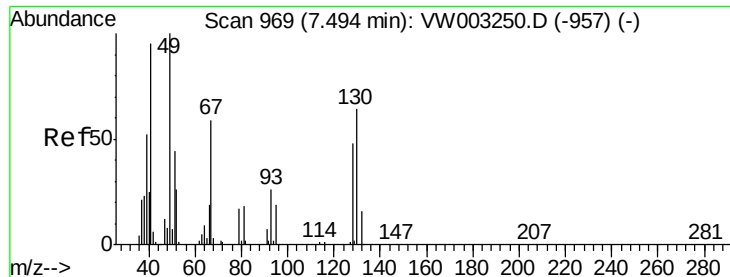
Tgt Ion: 83 Resp: 214221
Ion Ratio Lower Upper
83 100
55 80.3 62.6 93.8
98 47.1 37.0 55.4



#40
Benzene
Concen: 49.787 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 78 Resp: 519743
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

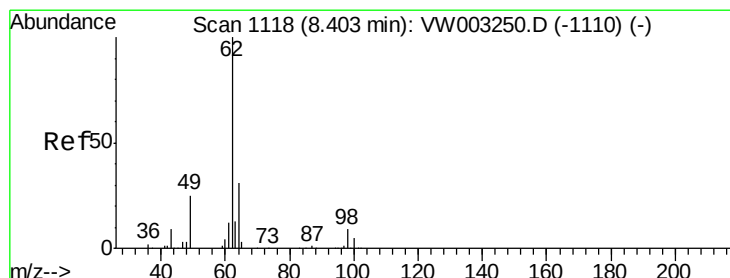
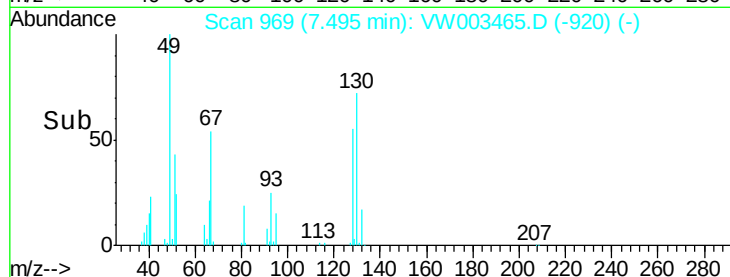
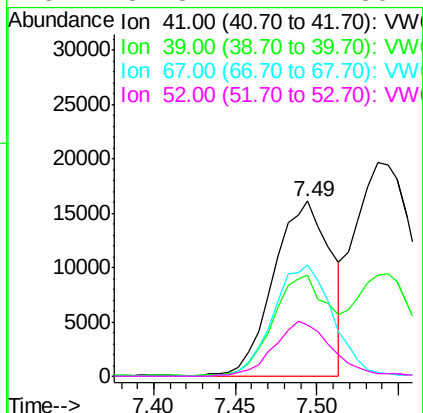
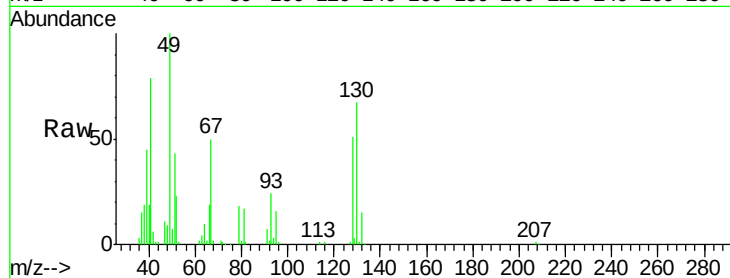




#41
Methacrylonitrile
Concen: 40.985 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

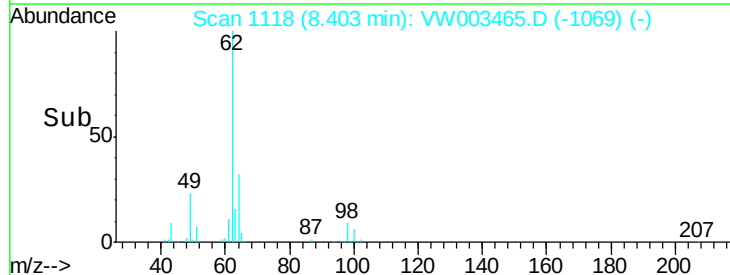
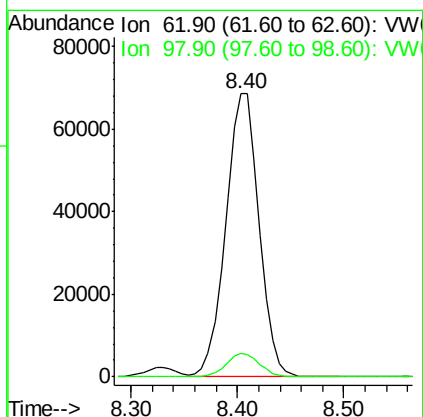
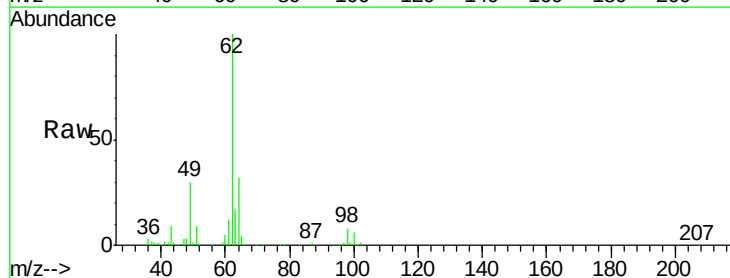
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

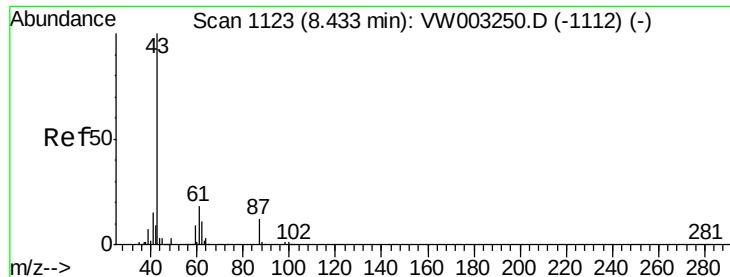
Tgt Ion:	41	Resp:	39460
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.8	68.8
67	66.2	52.3	78.5
52	31.8	24.1	36.1



#42
1,2-Dichloroethane
Concen: 45.847 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion:	62	Resp:	149950
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 41.722 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

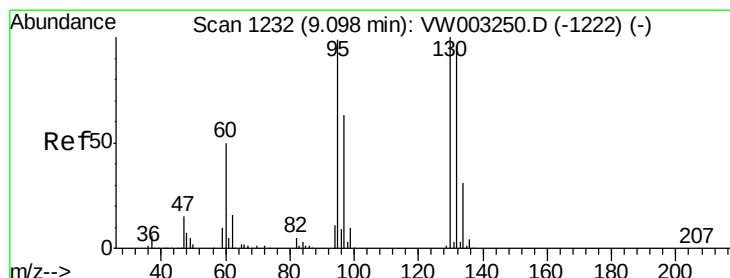
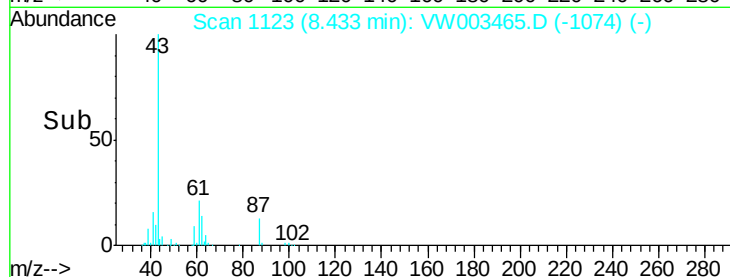
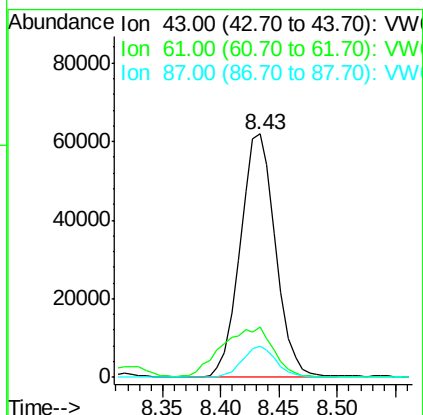
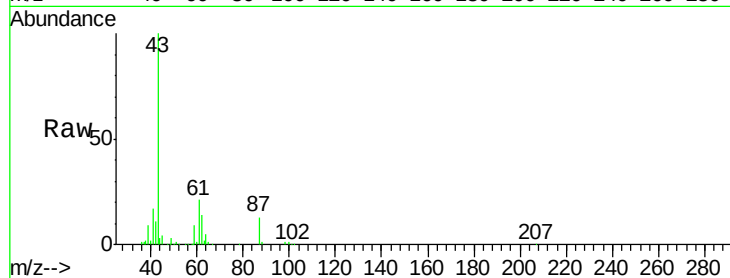
Tgt Ion: 43 Resp: 129979

Ion Ratio Lower Upper

43 100

61 30.3 23.1 34.7

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 49.537 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003465.D

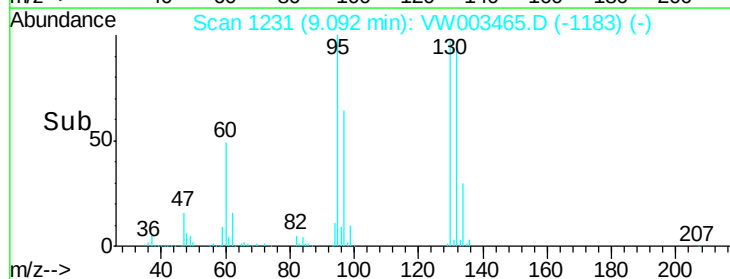
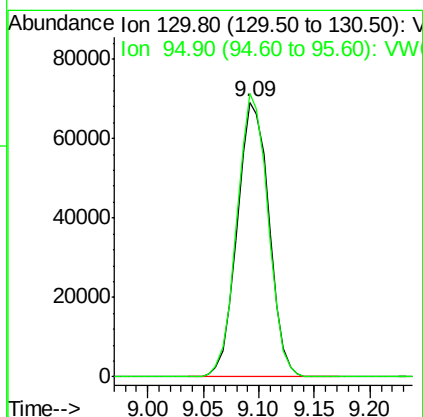
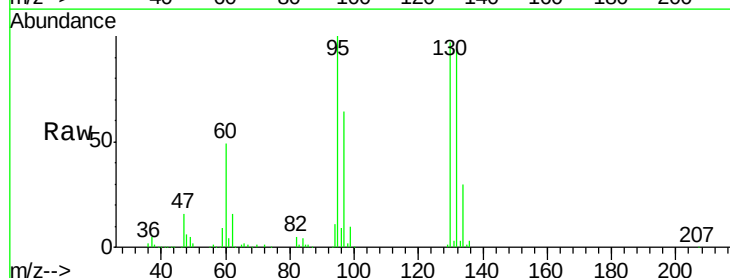
Acq: 23 Jun 2018 17:20

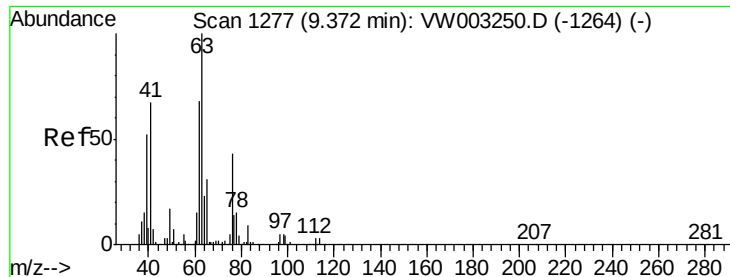
Tgt Ion: 130 Resp: 137028

Ion Ratio Lower Upper

130 100

95 103.1 0.0 198.0

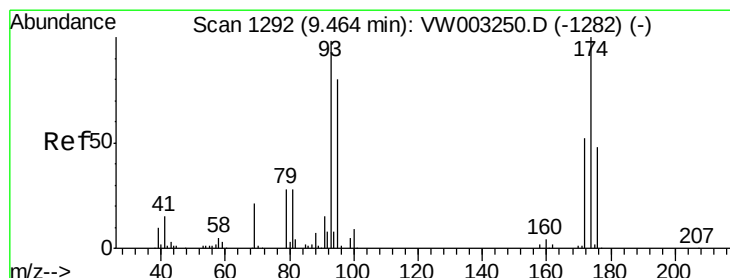
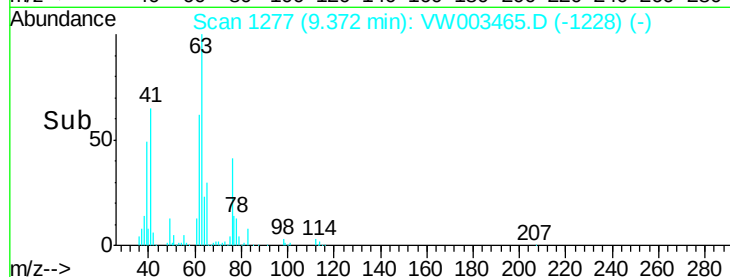
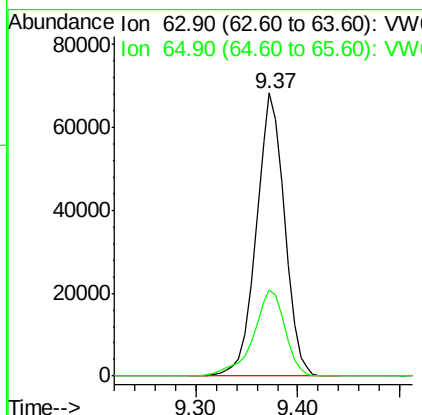
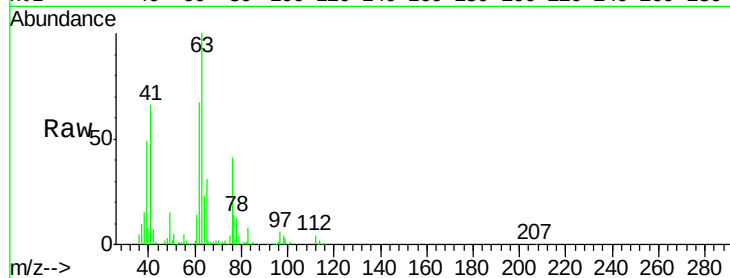




#45
 1,2-Dichloropropane
 Concen: 49.600 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

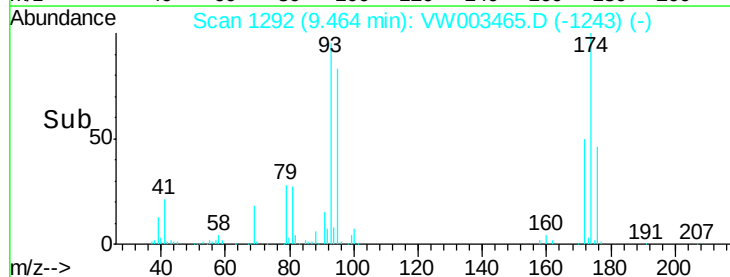
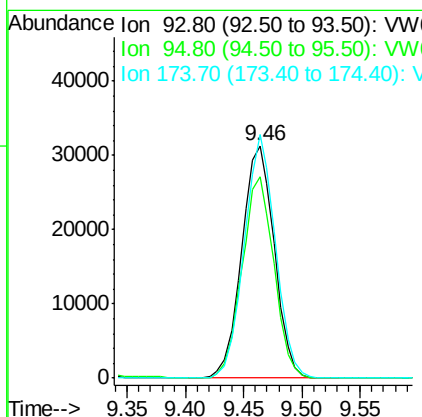
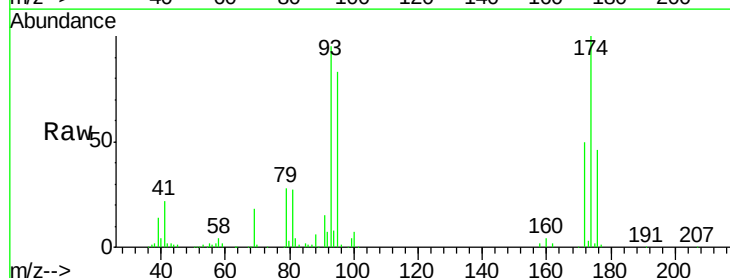
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

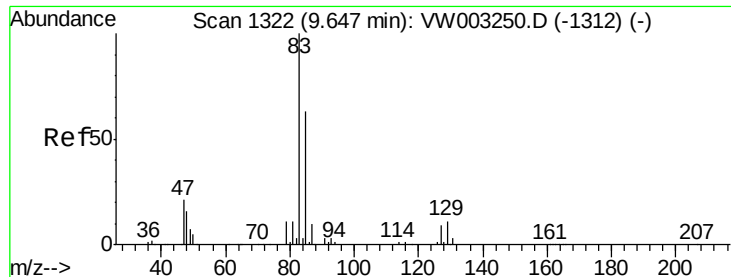
Tgt Ion: 63 Resp: 131837
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.1 37.7



#46
 Dibromomethane
 Concen: 44.917 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion: 93 Resp: 61124
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.8 98.8
 174 100.3 81.4 122.0





#47

Bromodichloromethane

Concen: 49.016 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

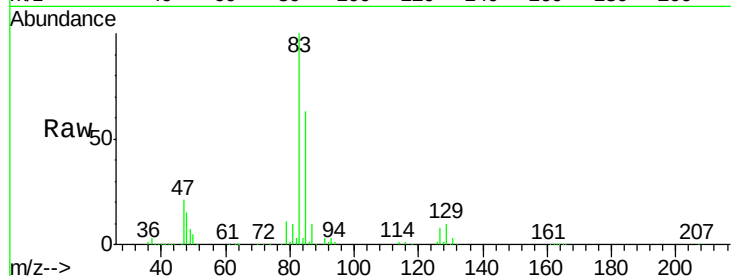
Tgt Ion: 83 Resp: 170976

Ion Ratio Lower Upper

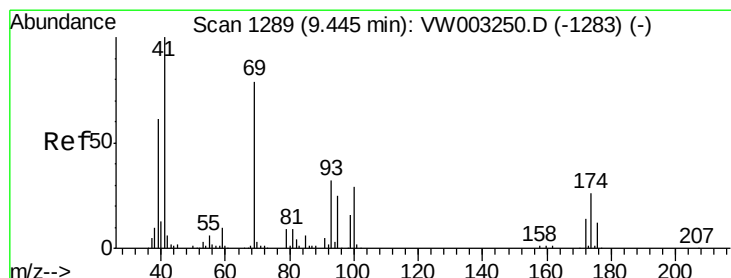
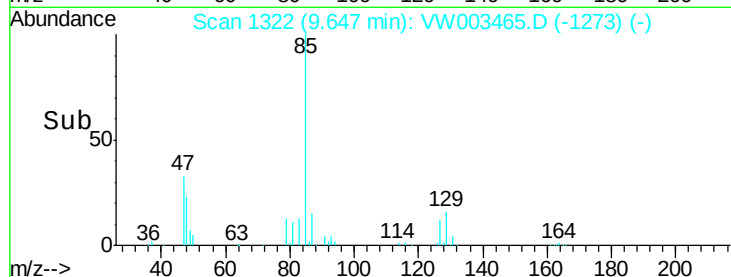
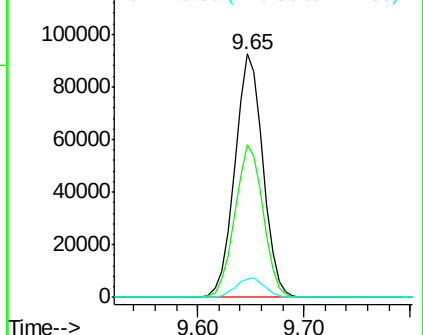
83 100

85 62.9 50.6 75.8

127 7.8 6.8 10.2



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



#48

Methyl methacrylate

Concen: 43.602 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

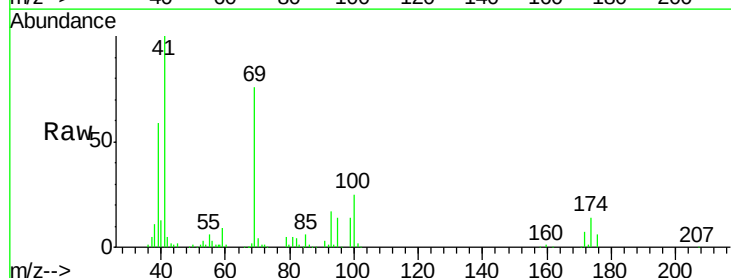
Tgt Ion: 41 Resp: 63837

Ion Ratio Lower Upper

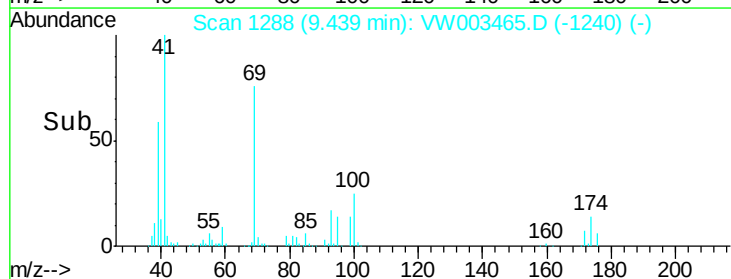
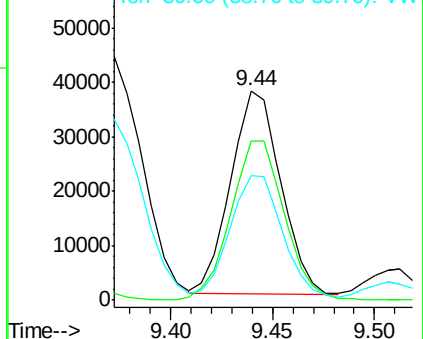
41 100

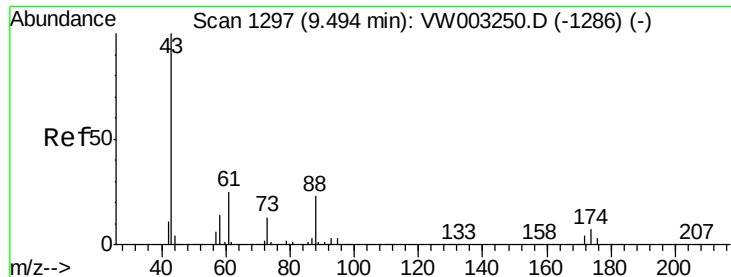
69 83.4 65.4 98.2

39 61.5 54.2 81.2



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

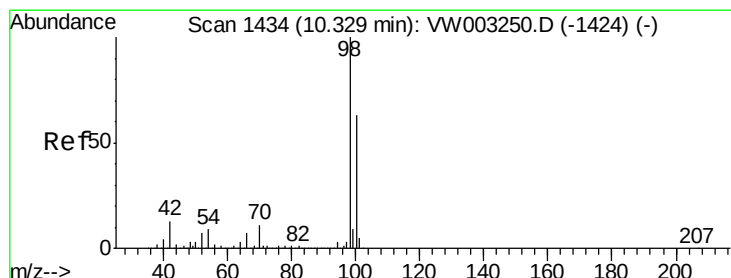
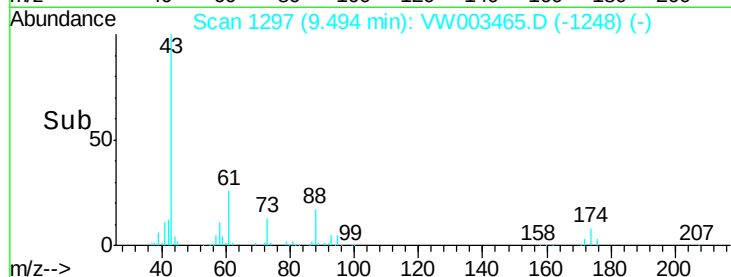
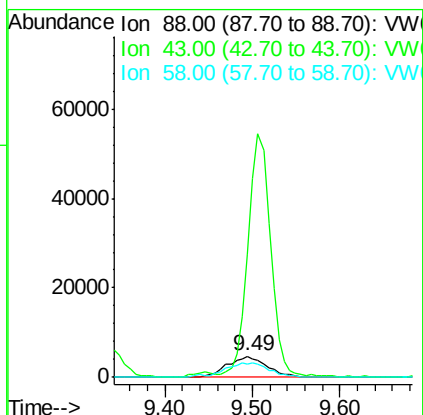
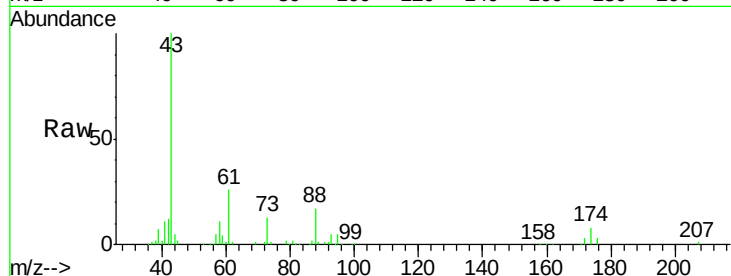




#49
 1,4-Dioxane
 Concen: 725.945 ug/l
 RT: 9.49 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

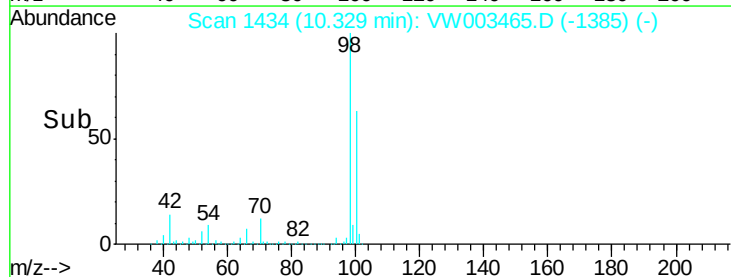
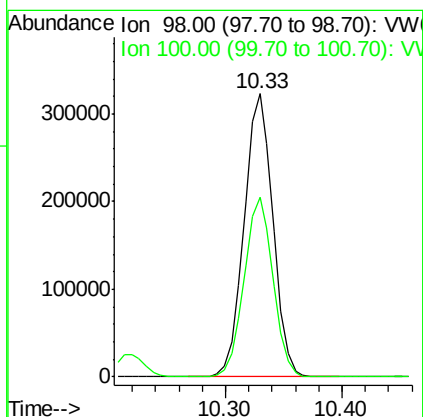
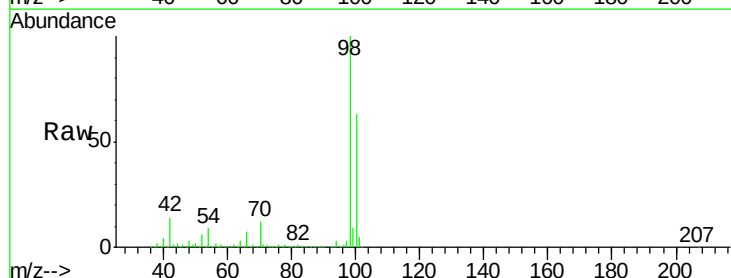
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

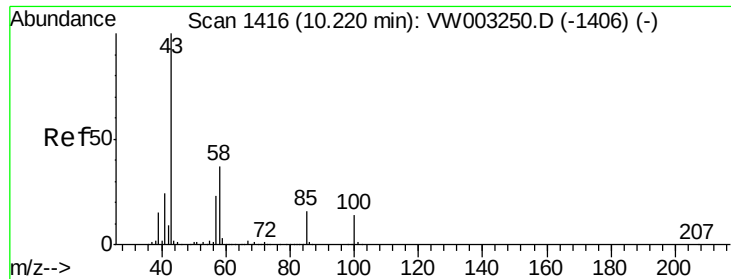
Tgt Ion: 88 Resp: 14916
 Ion Ratio Lower Upper
 88 100
 43 657.6 454.7 682.1
 58 73.6 58.6 88.0



#50
 Toluene-d8
 Concen: 57.455 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion: 98 Resp: 555144
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.8 76.2

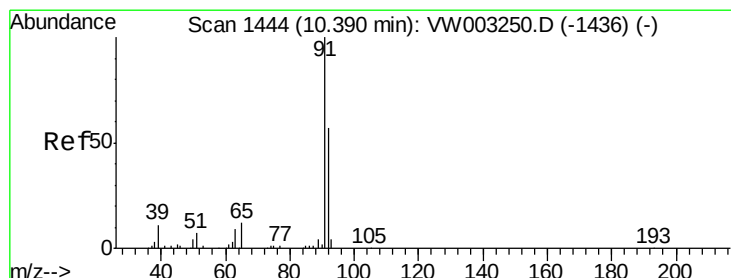
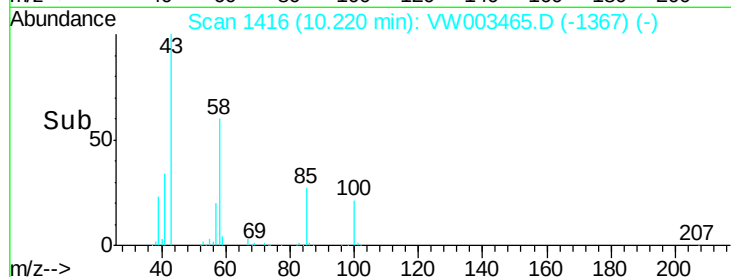
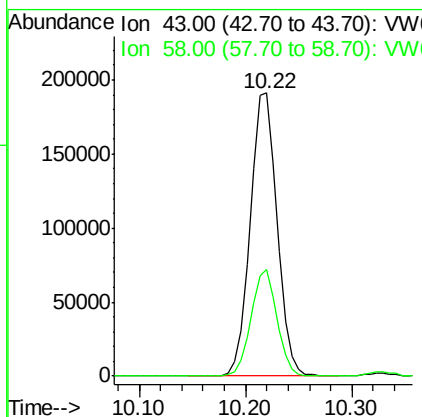
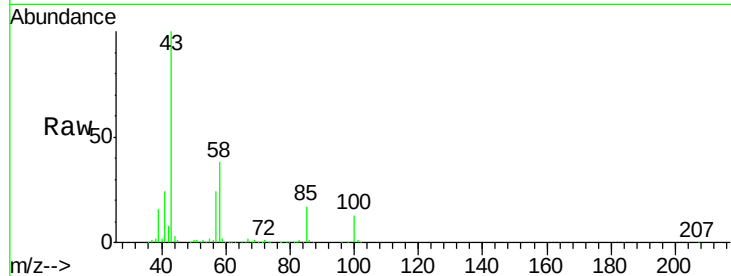




#51
 4-Methyl-2-Pentanone
 Concen: 213.221 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

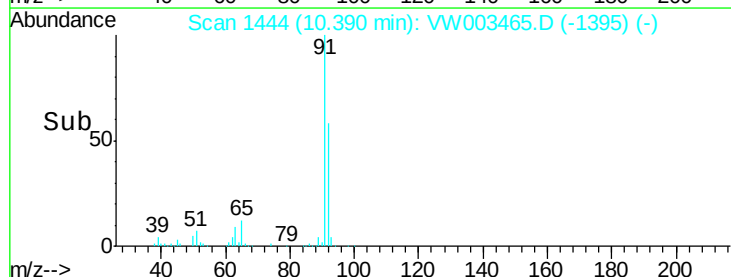
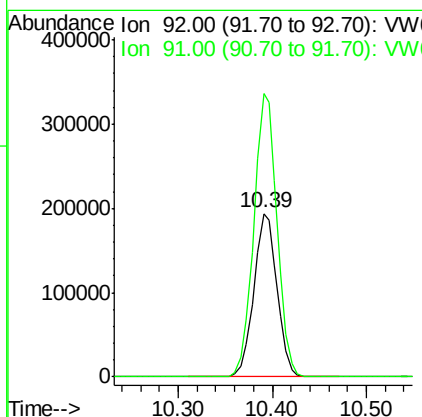
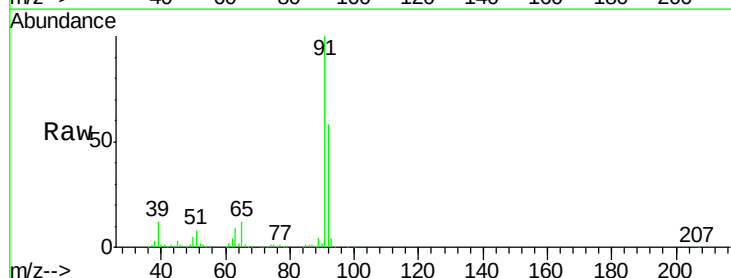
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

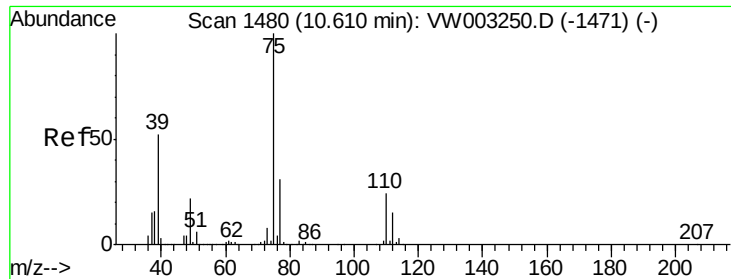
Tgt Ion: 43 Resp: 338478
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.0 43.4



#52
 Toluene
 Concen: 50.135 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion: 92 Resp: 335622
 Ion Ratio Lower Upper
 92 100
 91 173.7 141.1 211.7

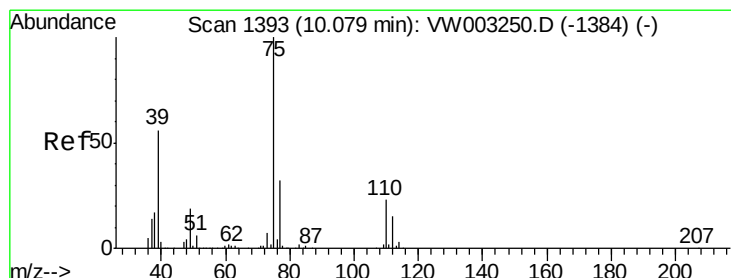
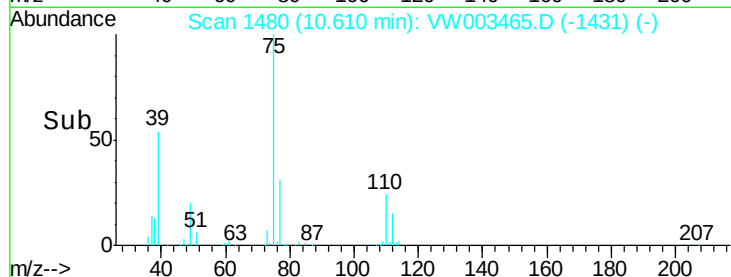
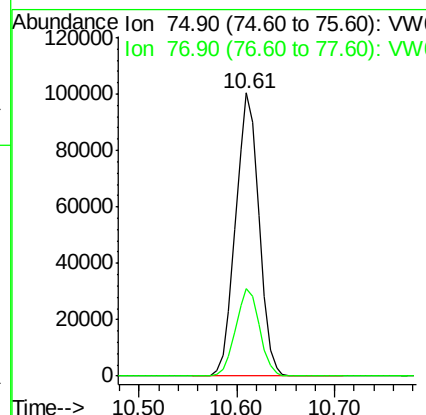
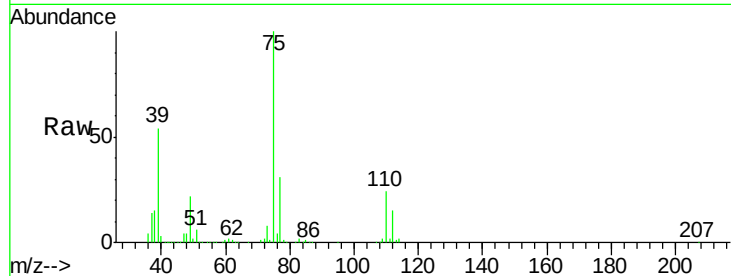




#53
t-1,3-Dichloropropene
Concen: 46.628 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

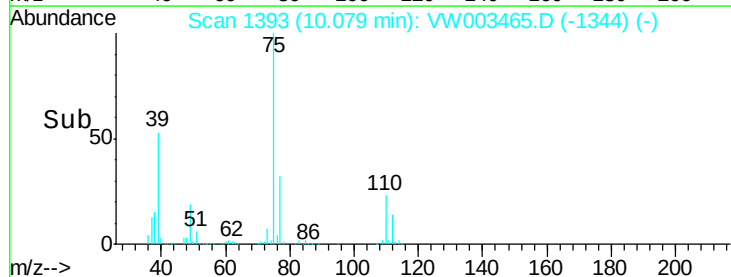
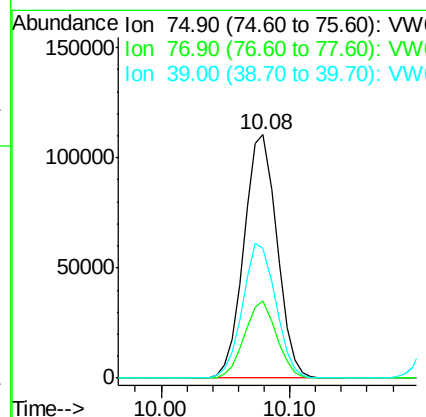
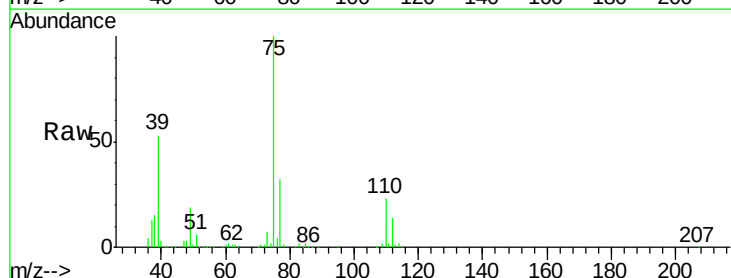
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

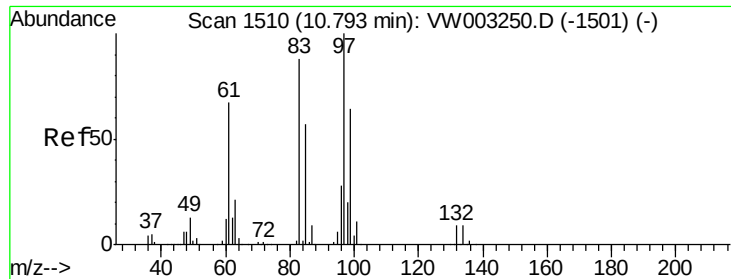
Tgt Ion: 75 Resp: 166146
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 48.327 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 75 Resp: 195991
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 53.1 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 44.984 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

Tgt Ion: 97 Resp: 86262

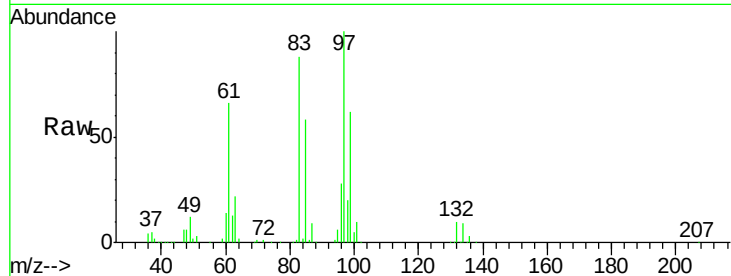
Ion Ratio Lower Upper

97 100

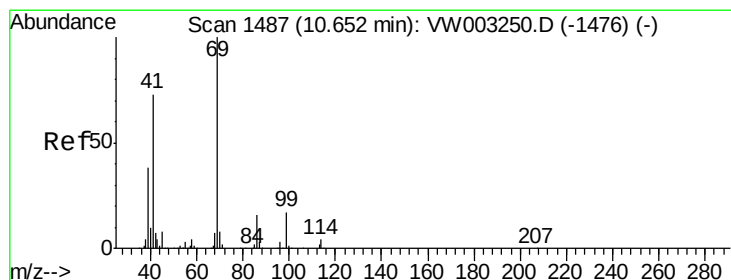
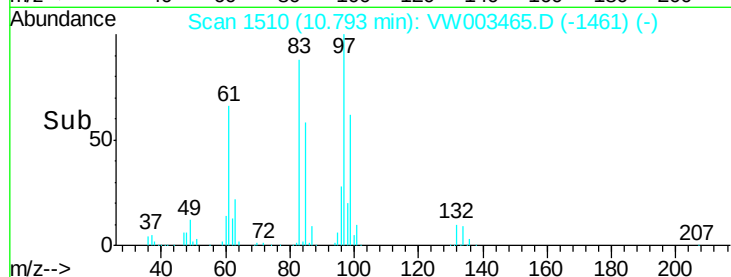
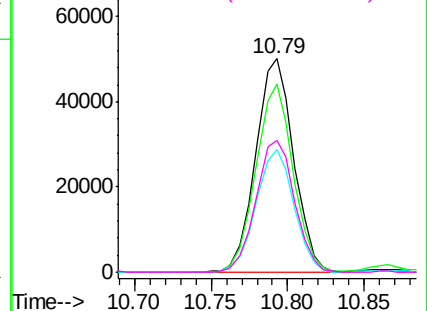
83 88.1 70.2 105.2

85 57.8 45.6 68.4

99 61.7 51.2 76.8



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



#56

Ethyl methacrylate

Concen: 45.112 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

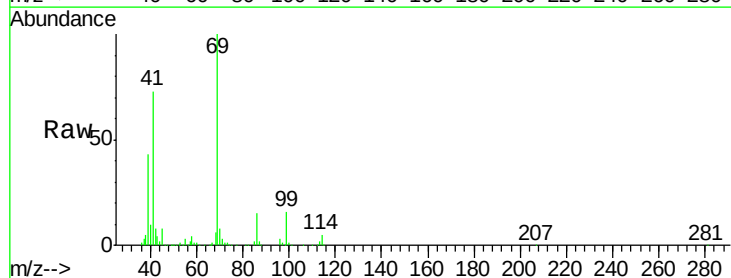
Tgt Ion: 69 Resp: 105047

Ion Ratio Lower Upper

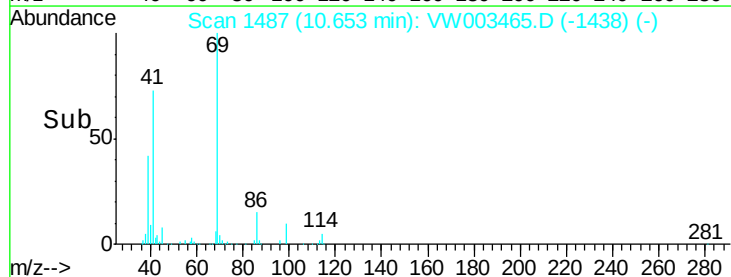
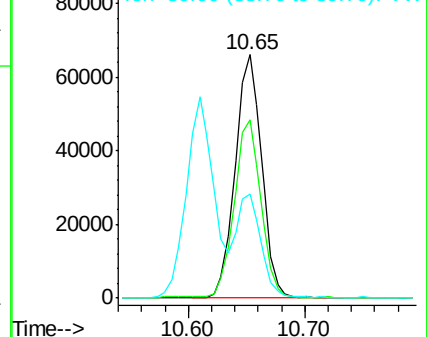
69 100

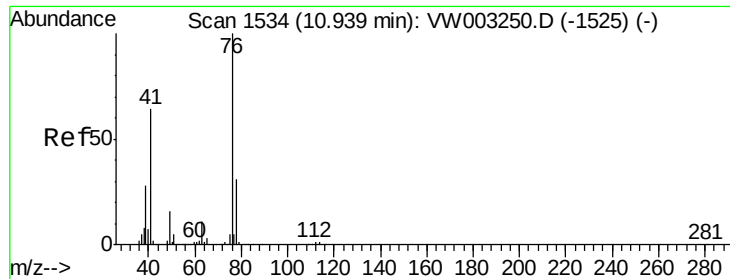
41 72.5 57.8 86.6

39 39.1 32.7 49.1



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

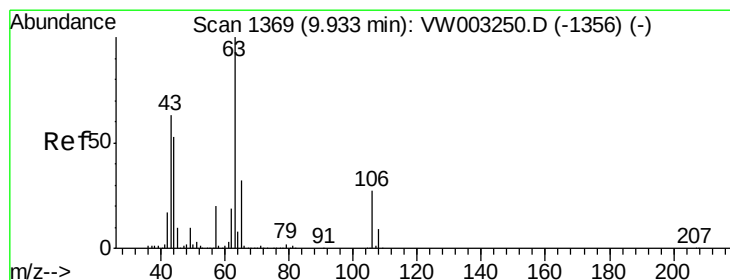
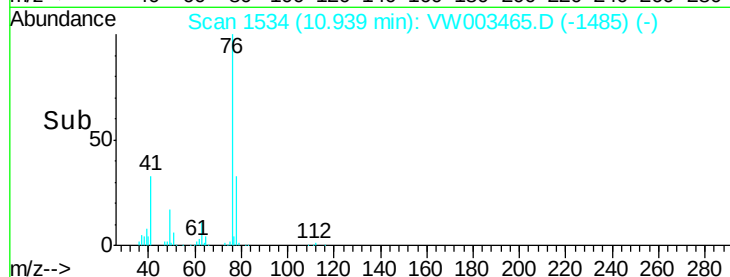
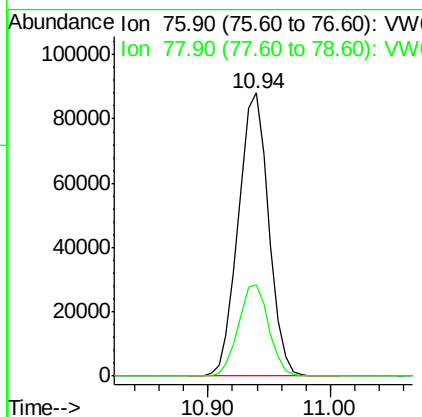
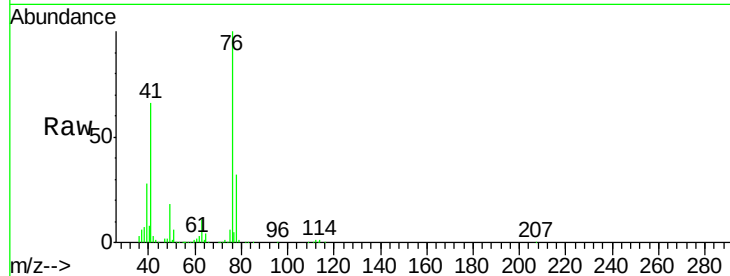




#57
 1,3-Dichloropropane
 Concen: 45.795 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

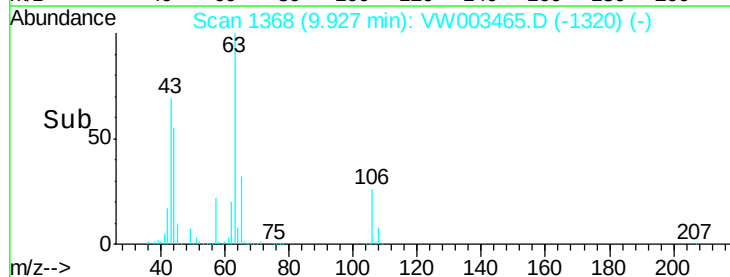
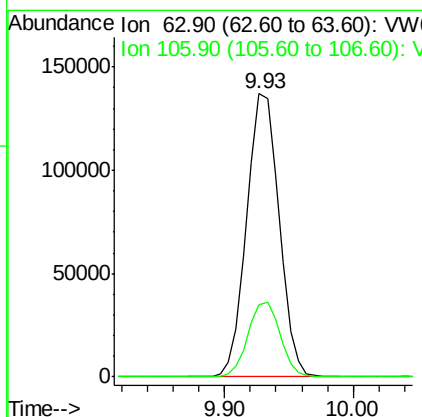
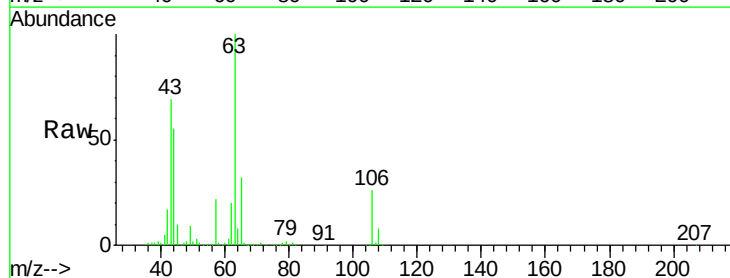
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

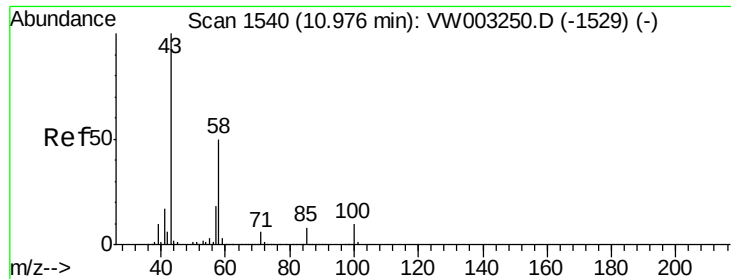
Tgt Ion: 76 Resp: 151459
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.480 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion: 63 Resp: 238502
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.8 32.8

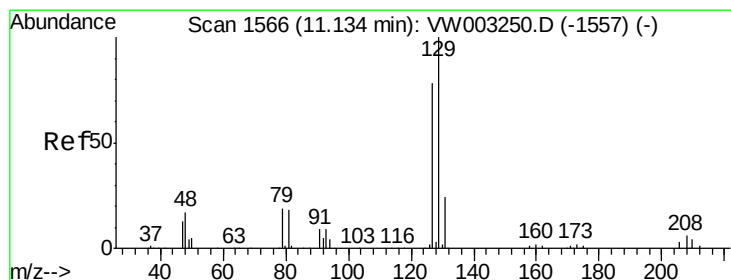
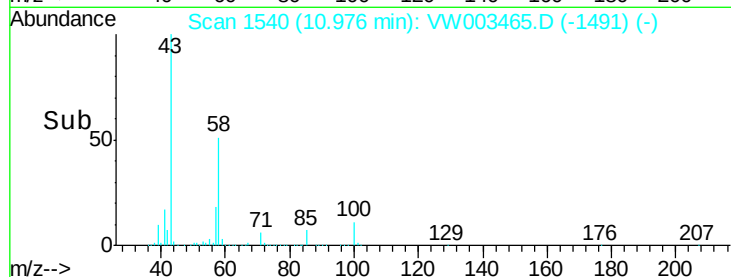
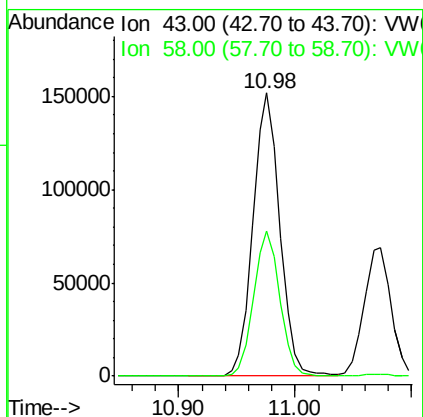
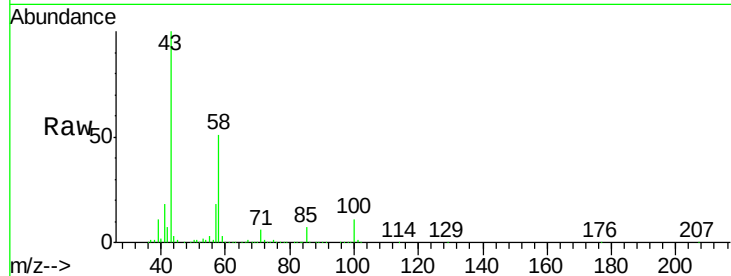




#59
2-Hexanone
Concen: 219.937 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

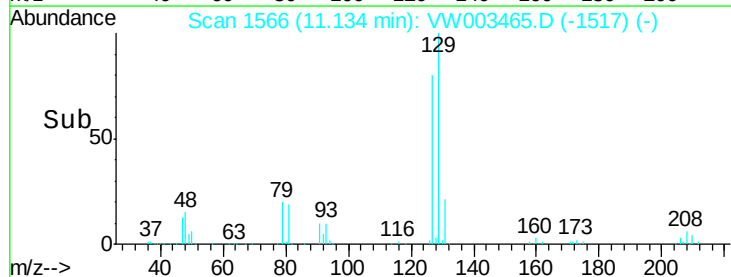
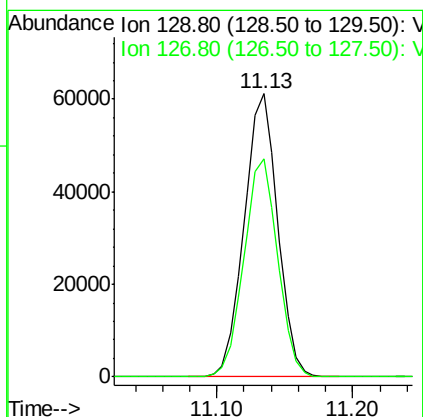
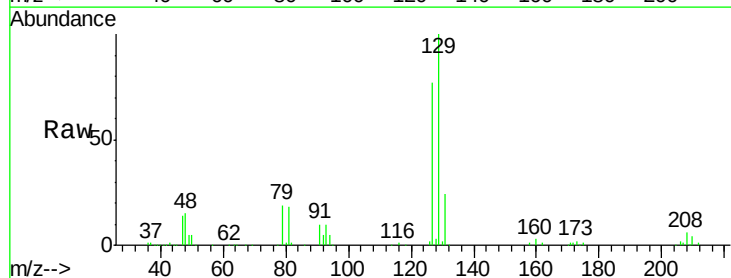
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

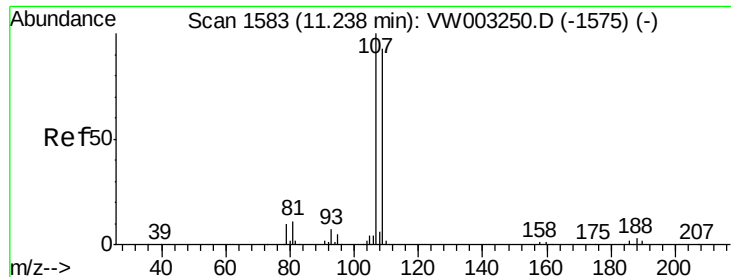
Tgt Ion: 43 Resp: 243905
Ion Ratio Lower Upper
43 100
58 50.2 25.0 75.0



#60
Dibromochloromethane
Concen: 46.282 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 129 Resp: 105544
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 44.237 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

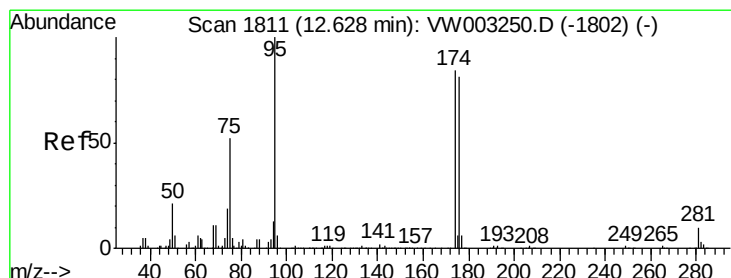
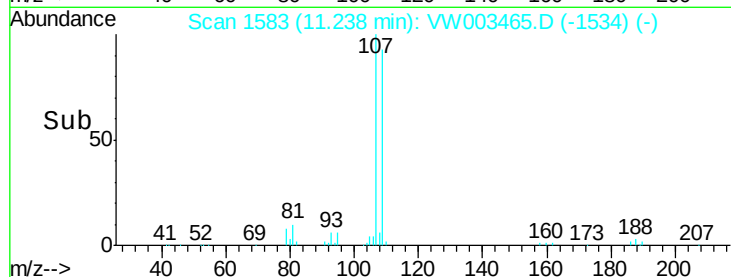
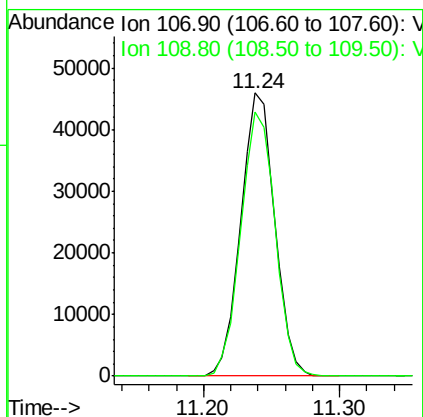
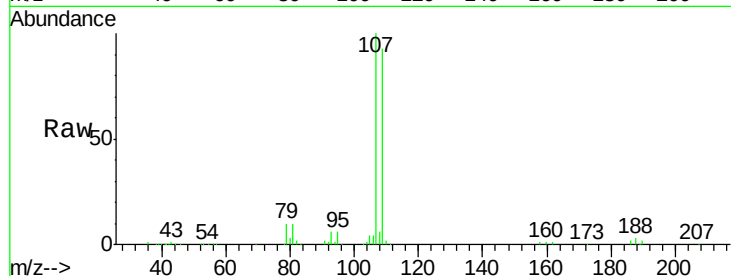
WP021SB476-25-27-180619MSD

Tgt Ion: 107 Resp: 80241

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 56.205 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

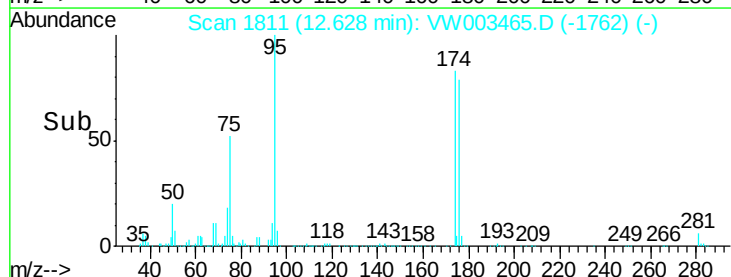
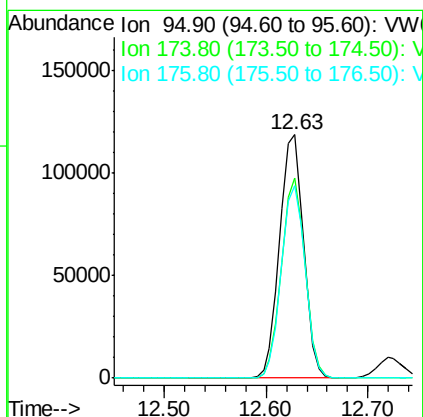
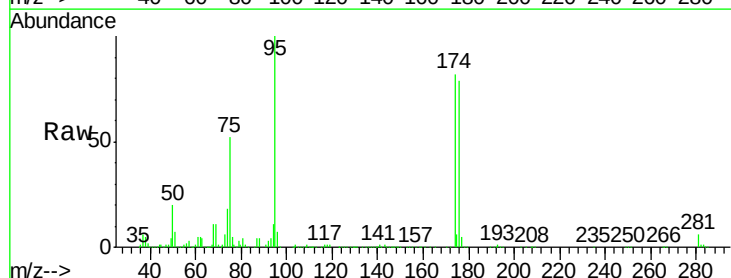
Tgt Ion: 95 Resp: 192188

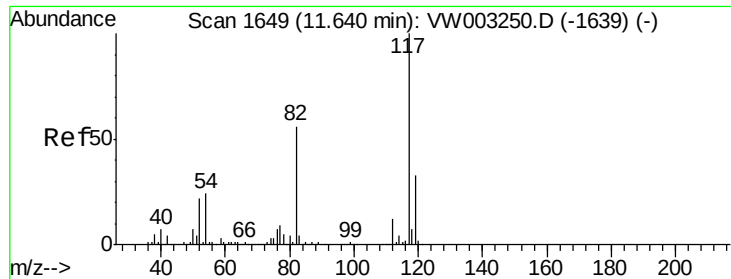
Ion Ratio Lower Upper

95 100

174 80.8 0.0 166.4

176 78.7 0.0 162.0

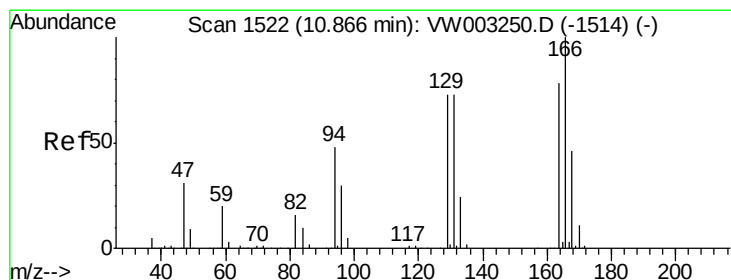
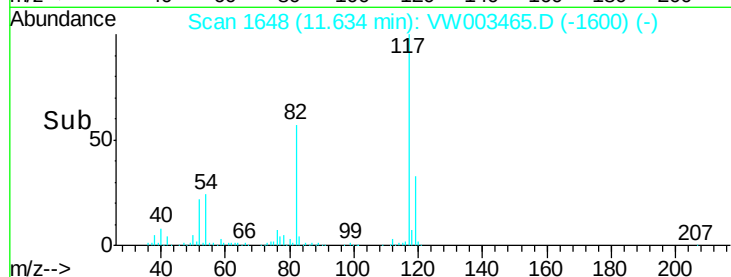
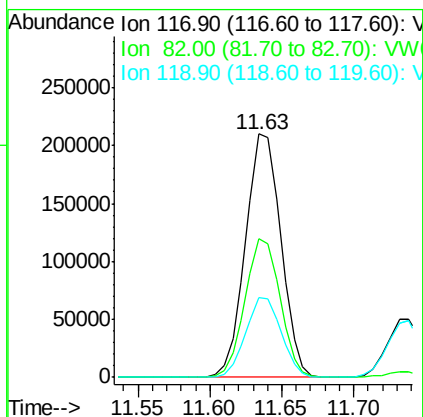
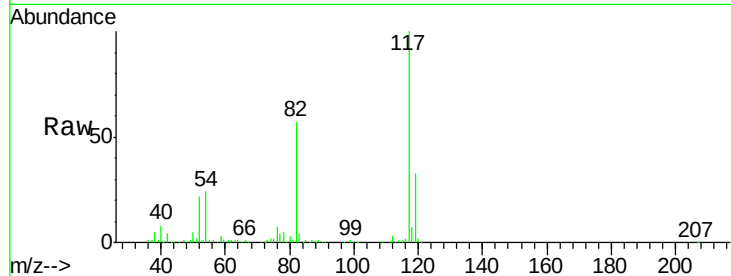




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

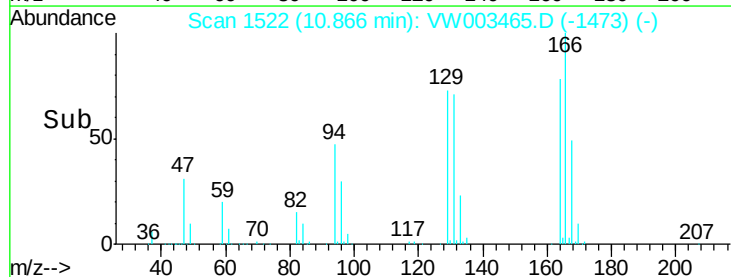
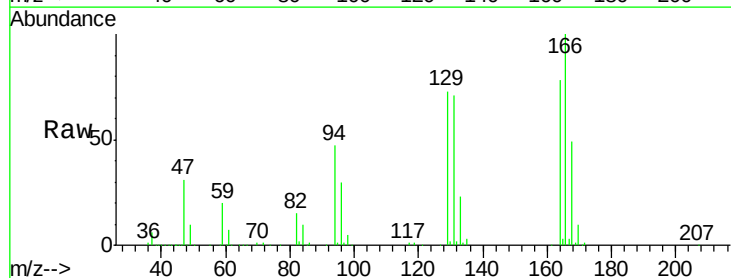
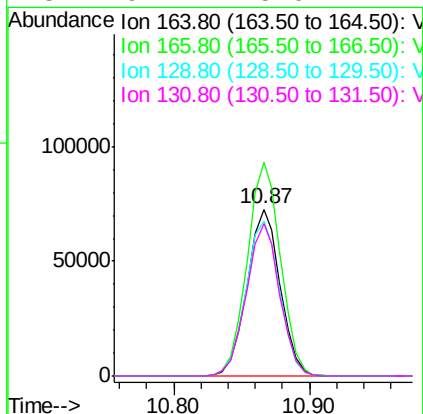
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

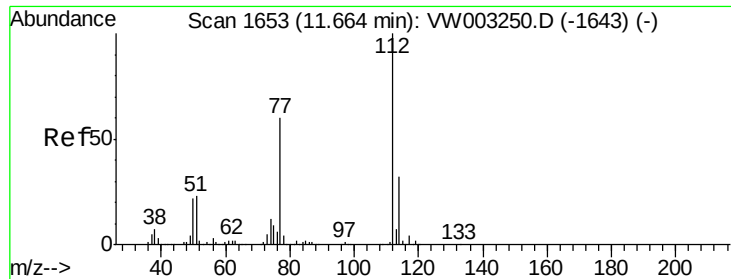
Tgt Ion:117 Resp: 358485
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.7 26.7 40.1



#64
Tetrachloroethene
Concen: 51.488 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion:164 Resp: 123455
Ion Ratio Lower Upper
164 100
166 128.1 102.6 154.0
129 93.2 75.2 112.8
131 91.4 75.0 112.4





#65

Chlorobenzene

Concen: 49.718 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

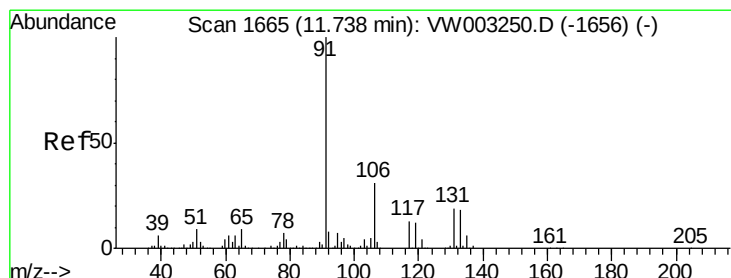
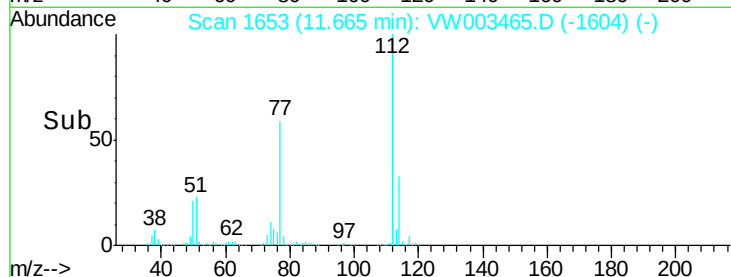
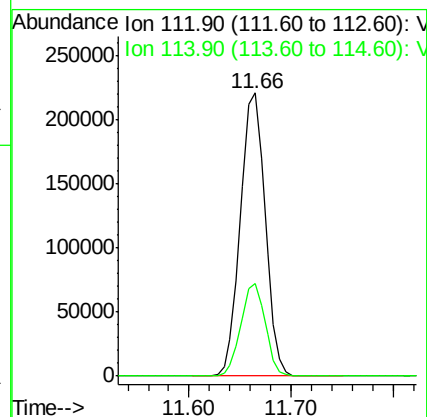
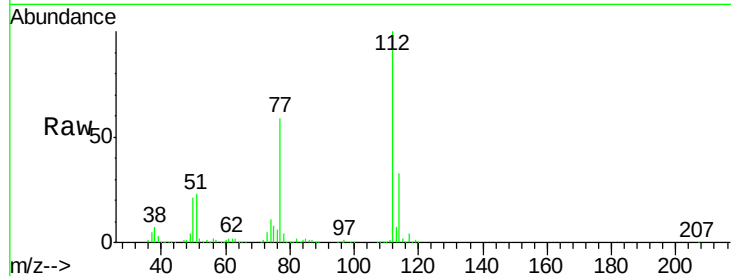
WP021SB476-25-27-180619MSD

Tgt Ion:112 Resp: 371150

Ion Ratio Lower Upper

112 100

114 32.5 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 48.590 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

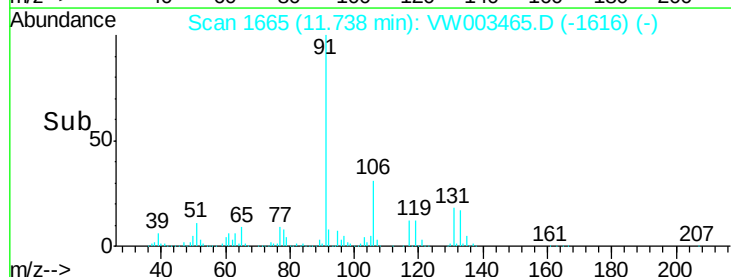
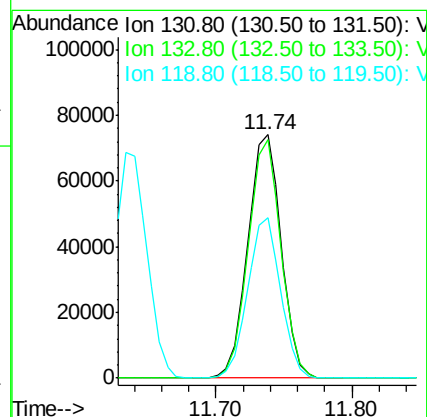
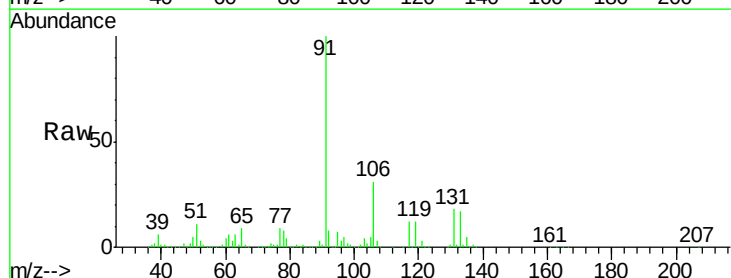
Tgt Ion:131 Resp: 127471

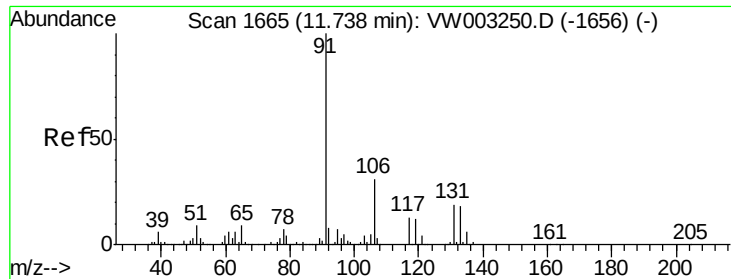
Ion Ratio Lower Upper

131 100

133 95.8 47.3 142.0

119 65.0 32.5 97.4

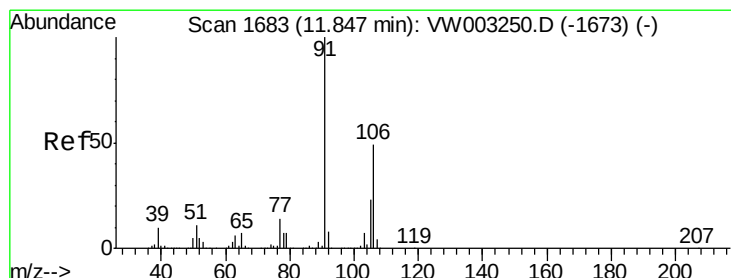
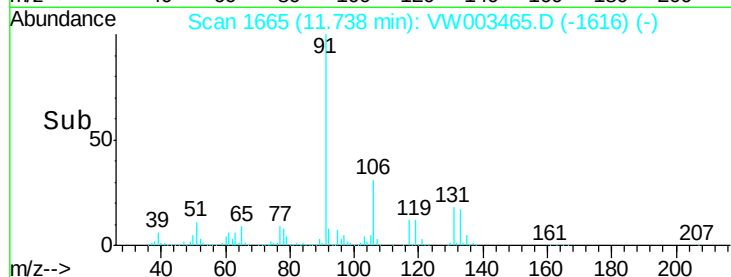
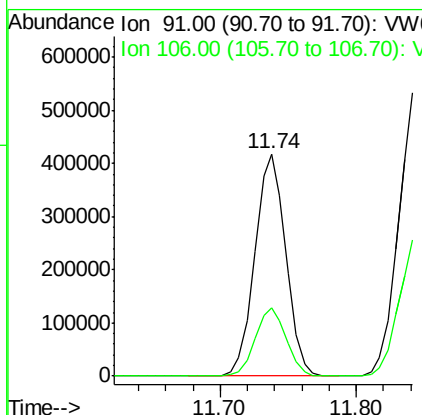
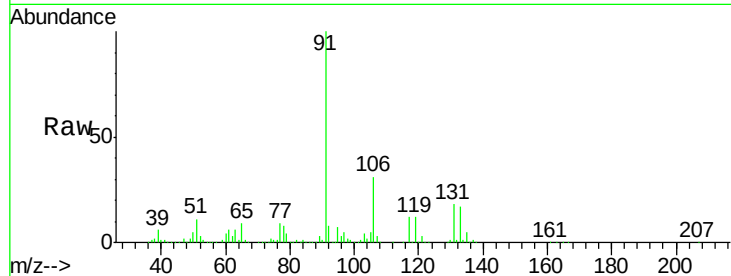




#67
Ethyl Benzene
Concen: 50.214 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

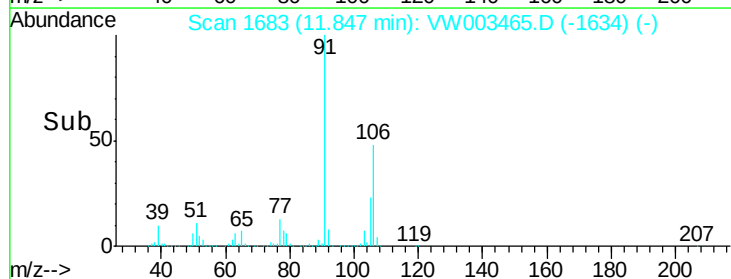
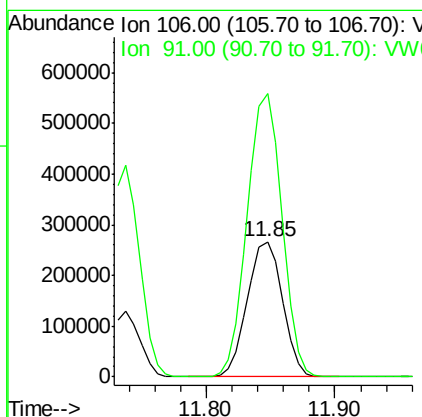
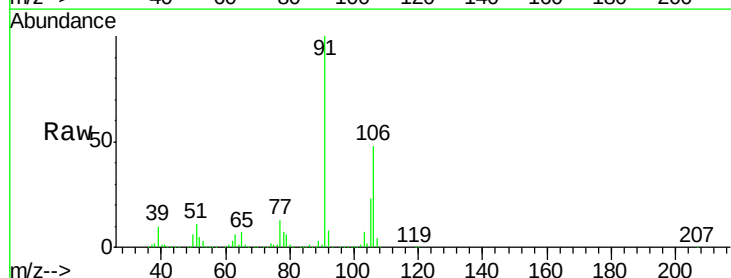
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

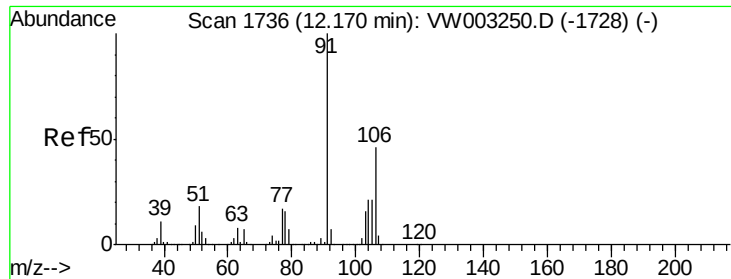
Tgt Ion: 91 Resp: 664472
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 100.300 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 106 Resp: 504539
Ion Ratio Lower Upper
106 100
91 206.7 165.4 248.0

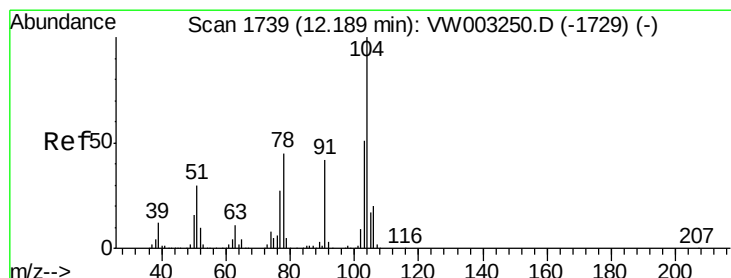
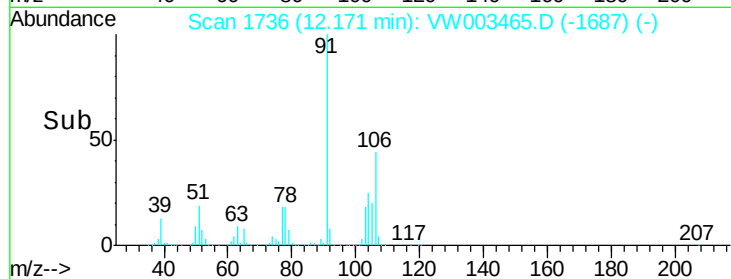
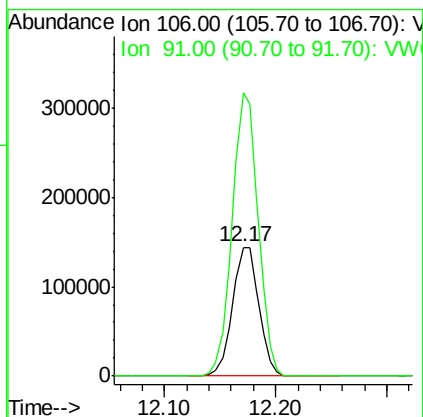
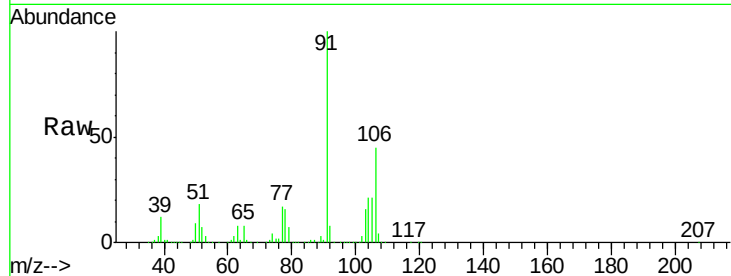




#69
o-Xylene
Concen: 50.577 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

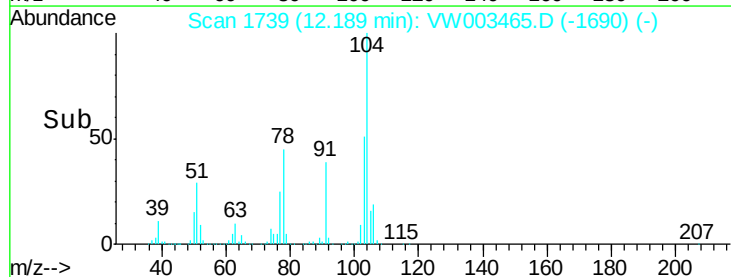
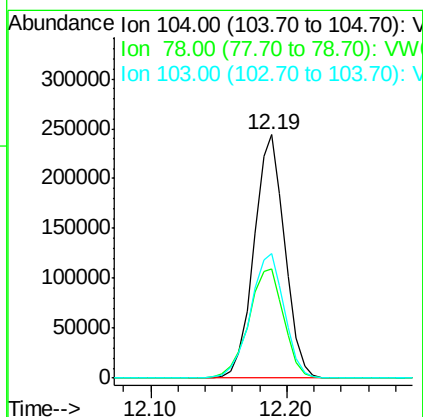
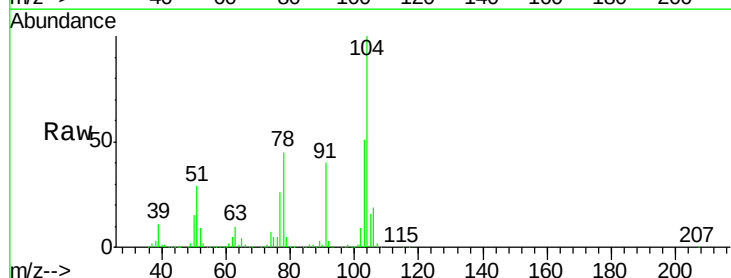
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

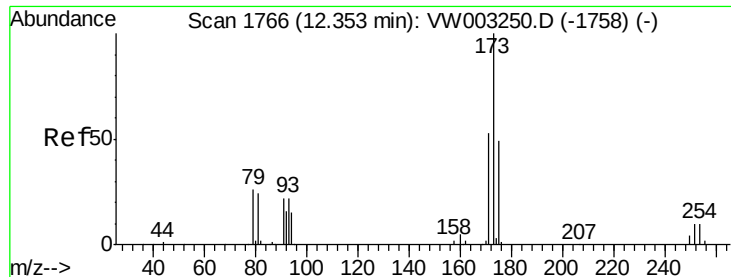
Tgt Ion:106 Resp: 235786
Ion Ratio Lower Upper
106 100
91 217.0 108.6 325.6



#70
Styrene
Concen: 49.921 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion:104 Resp: 387376
Ion Ratio Lower Upper
104 100
78 51.2 41.3 61.9
103 56.5 45.0 67.4





#71

Bromoform

Concen: 44.013 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

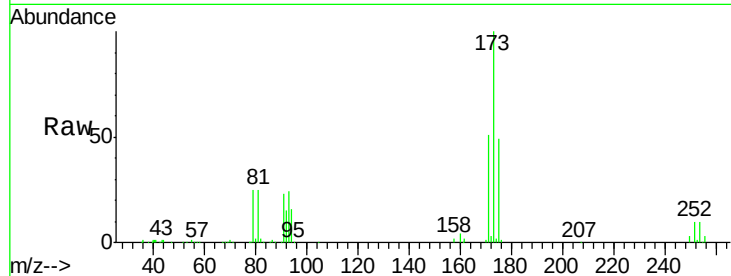
Tgt Ion:173 Resp: 59841

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.4

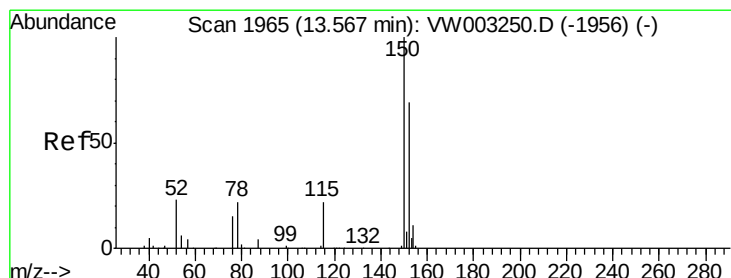
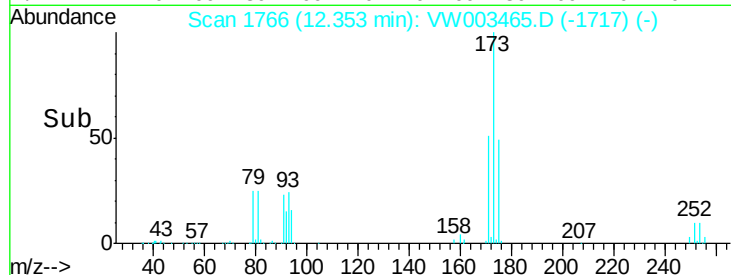
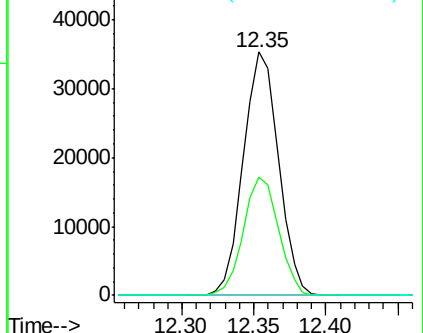
254 0.2 0.1 0.1#



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: VW003465.D

Acq: 23 Jun 2018 17:20

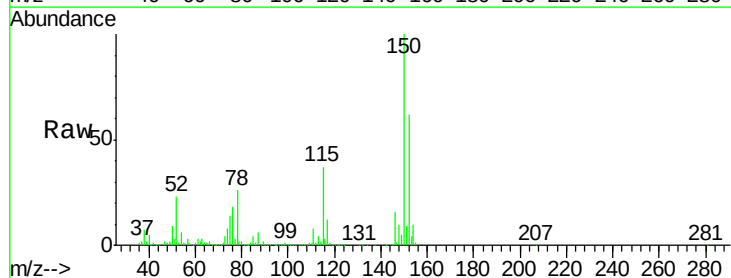
Tgt Ion:152 Resp: 189100

Ion Ratio Lower Upper

152 100

115 57.4 29.3 88.0

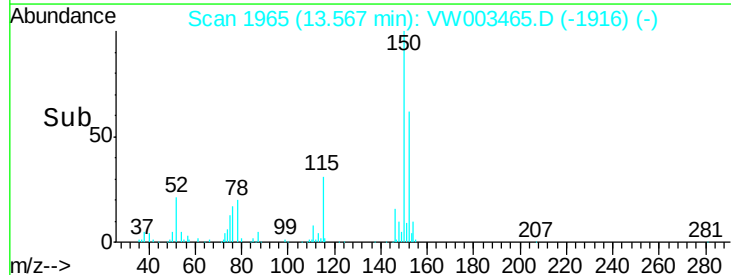
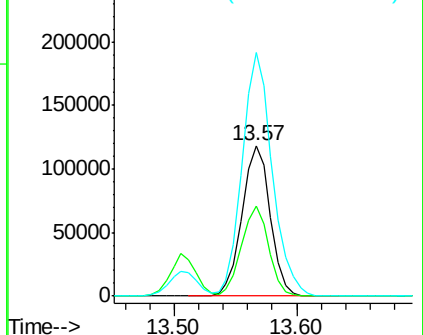
150 172.6 0.0 349.6

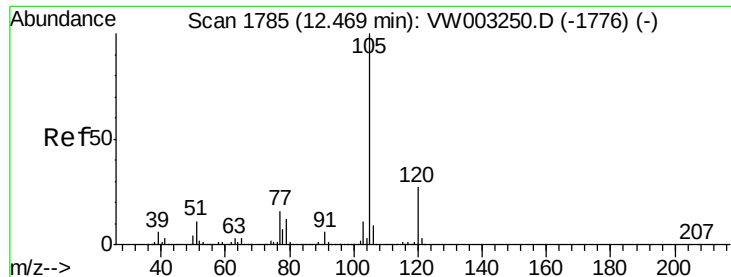


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

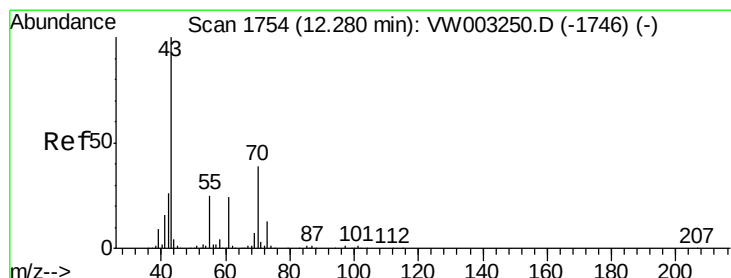
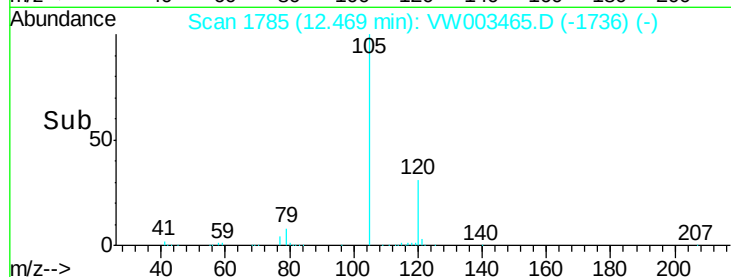
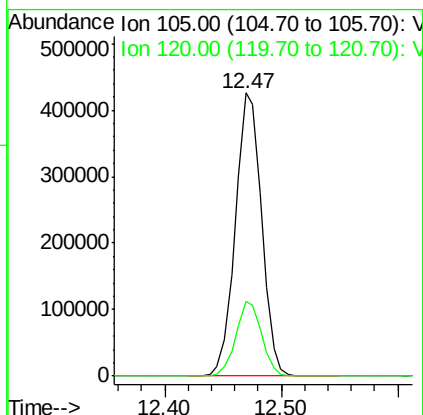
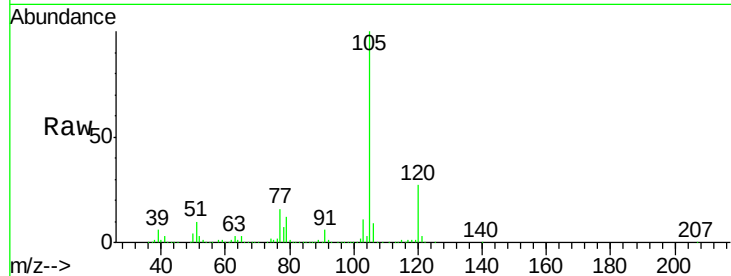




#73
Isopropylbenzene
Concen: 50.728 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

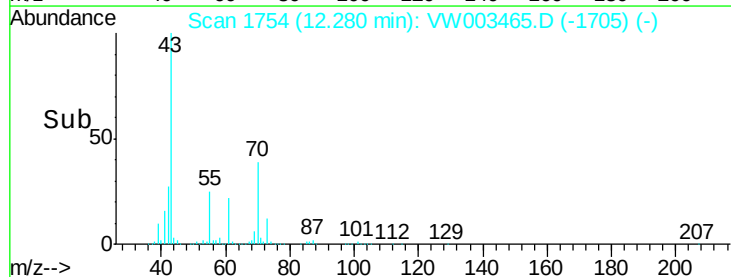
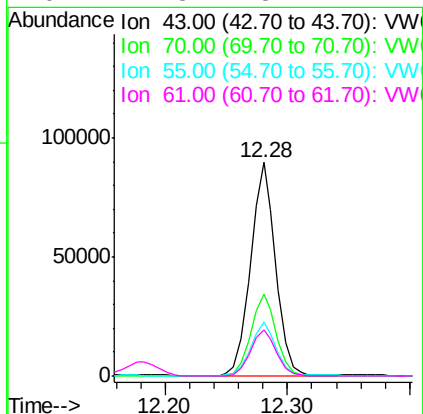
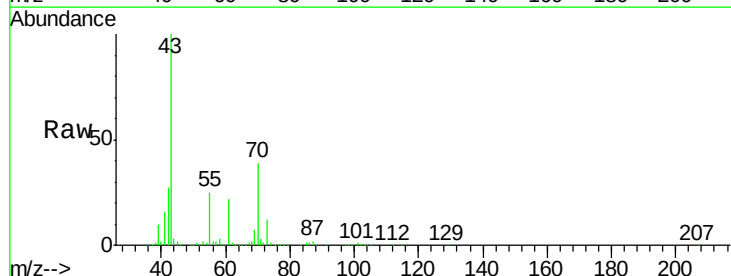
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

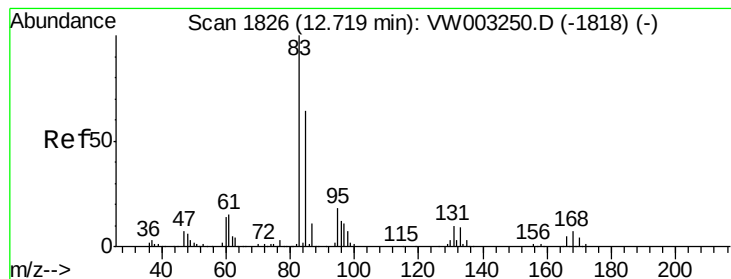
Tgt Ion: 105 Resp: 667210
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 42.391 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 43 Resp: 126905
Ion Ratio Lower Upper
43 100
70 38.8 31.0 46.6
55 25.9 19.7 29.5
61 22.3 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 44.147 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

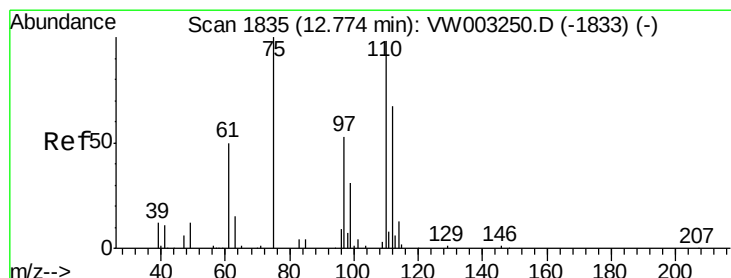
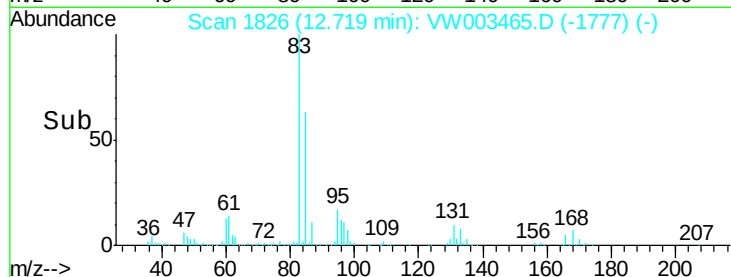
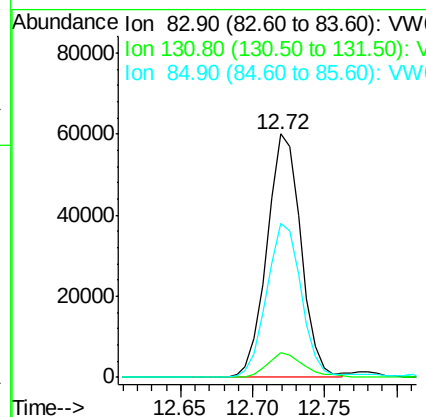
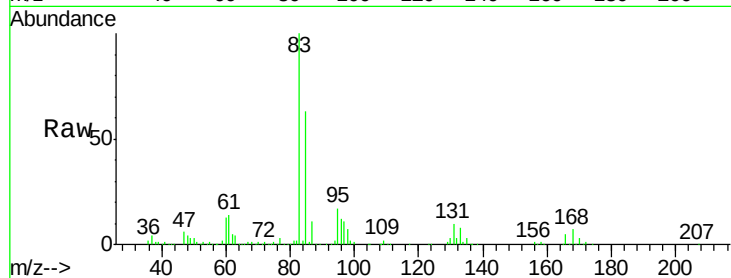
Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

Tgt Ion:	83	Resp:	98234
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	64.5	31.9	95.7



#76

1,2,3-Trichloropropane

Concen: 82.647 ug/l

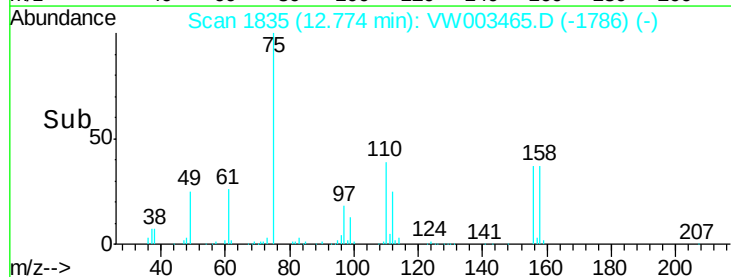
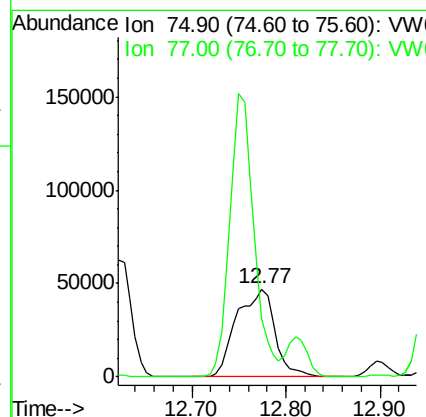
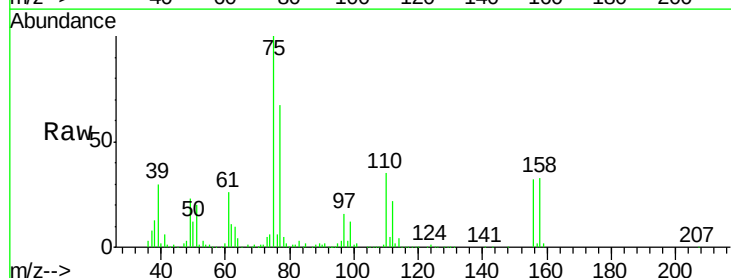
RT: 12.77 min Scan# 1835

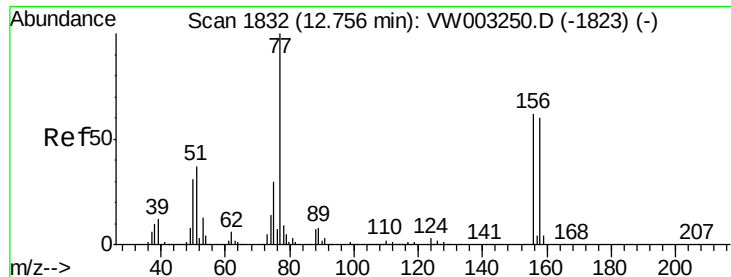
Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Tgt Ion:	75	Resp:	133606
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.210 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

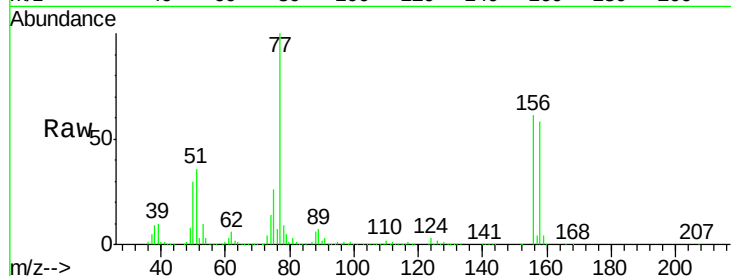
Tgt Ion:156 Resp: 147674

Ion Ratio Lower Upper

156 100

77 184.6 92.3 276.9

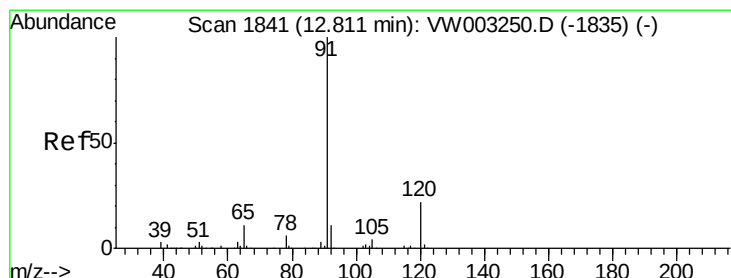
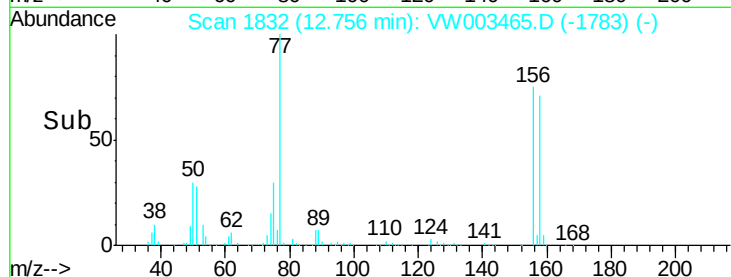
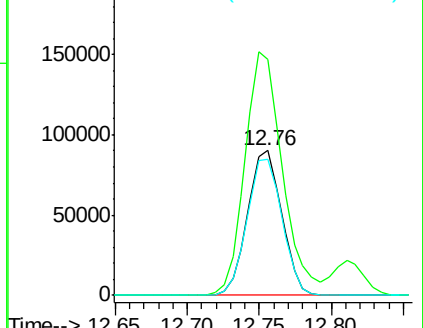
158 96.7 47.5 142.6



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: 51.248 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003465.D

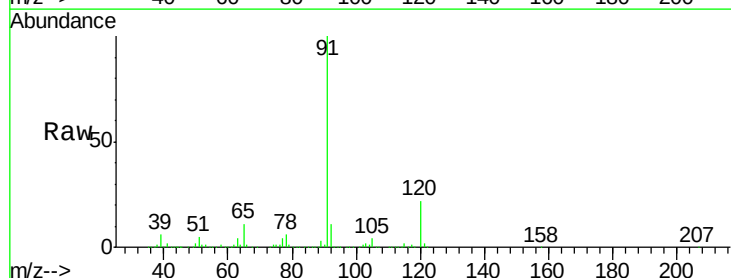
Acq: 23 Jun 2018 17:20

Tgt Ion: 91 Resp: 825361

Ion Ratio Lower Upper

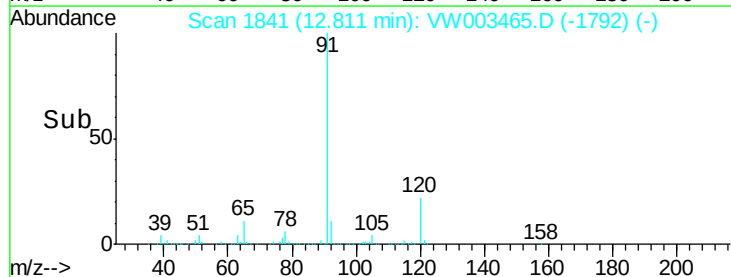
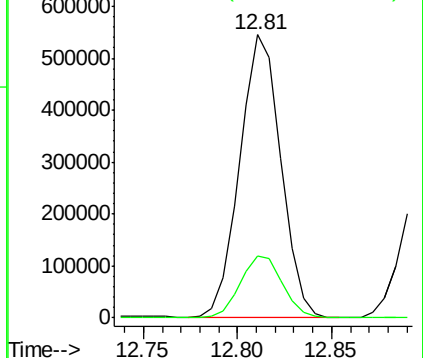
91 100

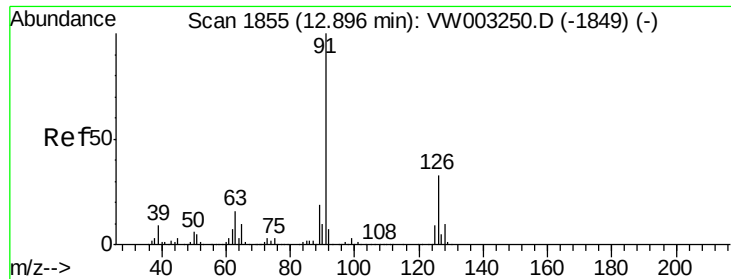
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.399 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

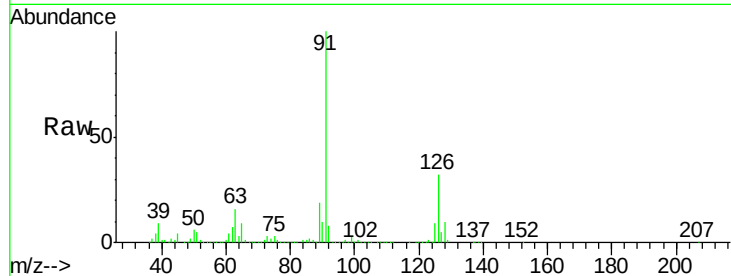
WP021SB476-25-27-180619MSD

Tgt Ion: 91 Resp: 458698

Ion Ratio Lower Upper

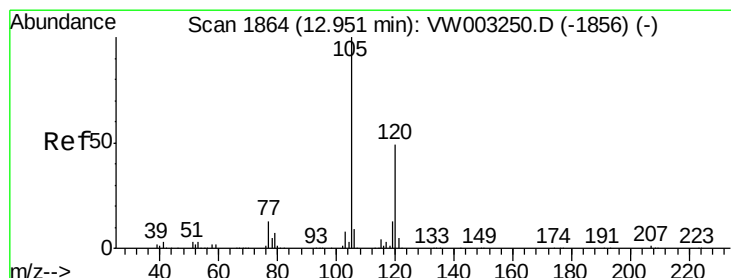
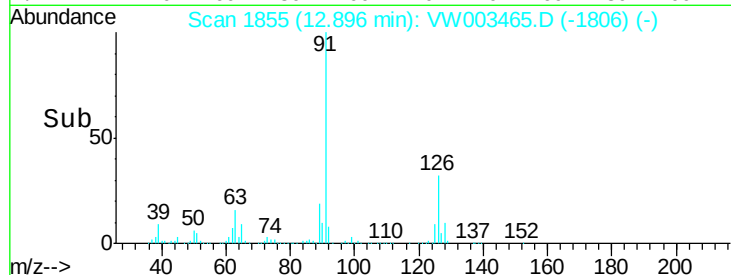
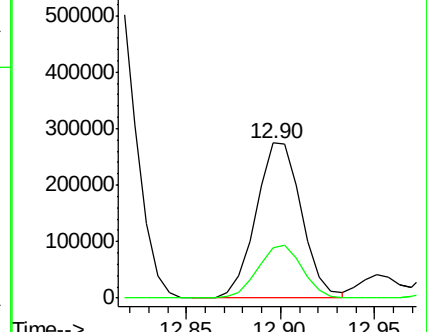
91 100

126 33.5 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: 50.763 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003465.D

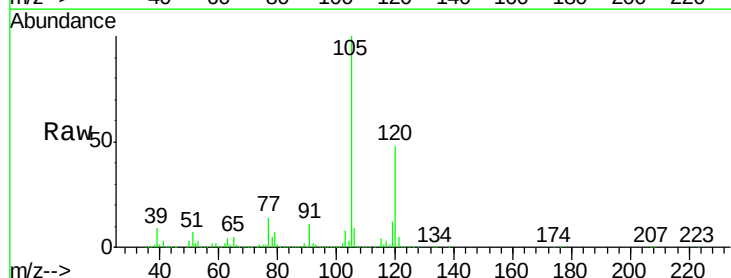
Acq: 23 Jun 2018 17:20

Tgt Ion: 105 Resp: 560428

Ion Ratio Lower Upper

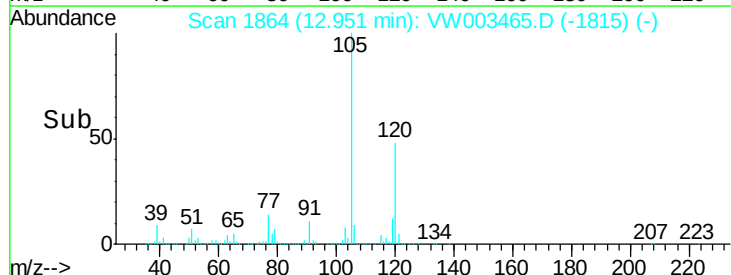
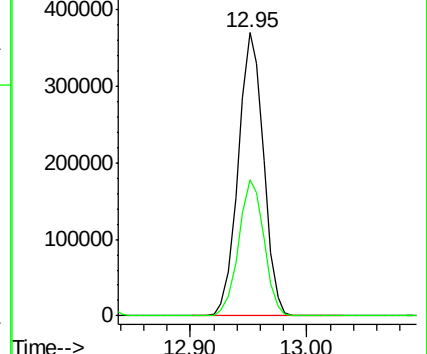
105 100

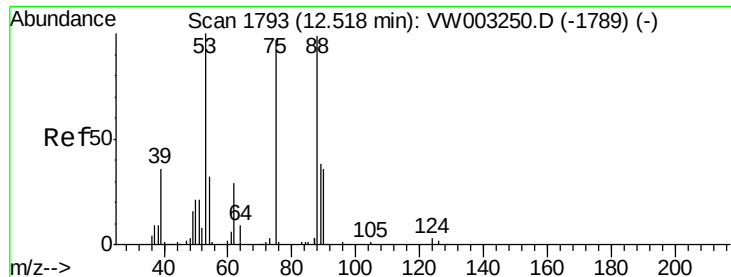
120 48.1 24.3 72.9



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: 41.721 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

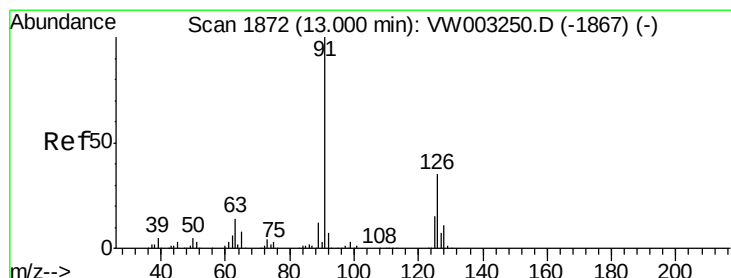
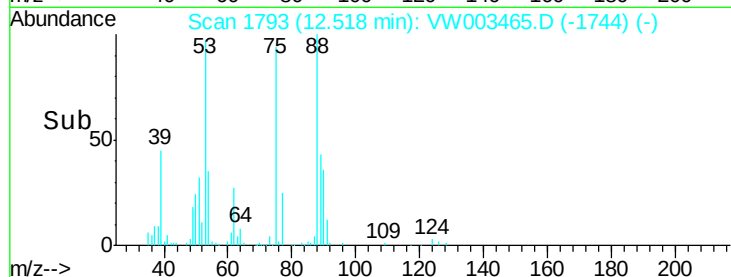
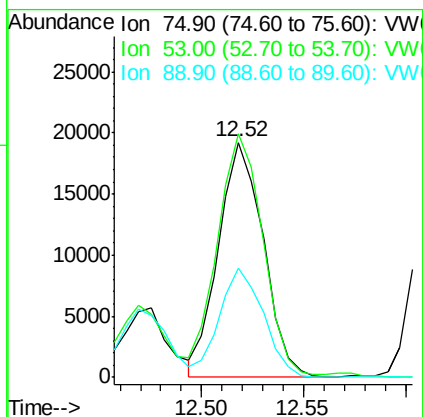
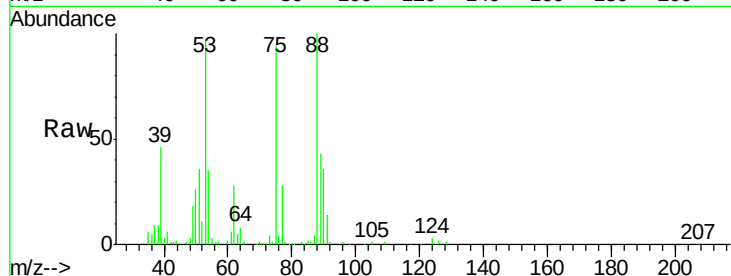
Tgt Ion: 75 Resp: 29311

Ion Ratio Lower Upper

75 100

53 102.8 82.9 124.3

89 45.5 36.7 55.1



#82

4-Chlorotoluene

Concen: 49.026 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003465.D

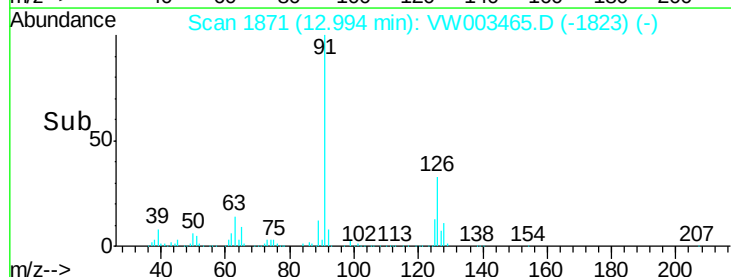
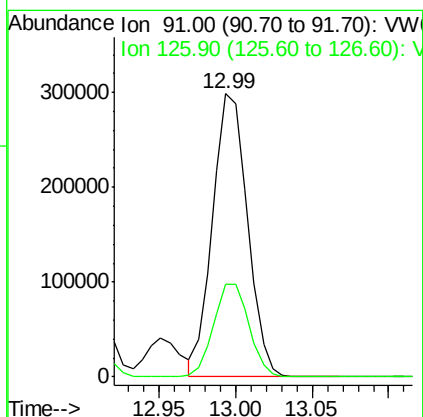
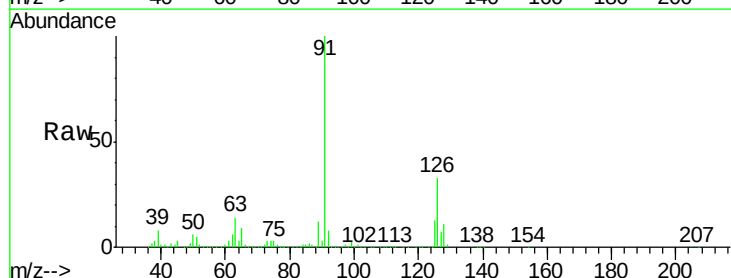
Acq: 23 Jun 2018 17:20

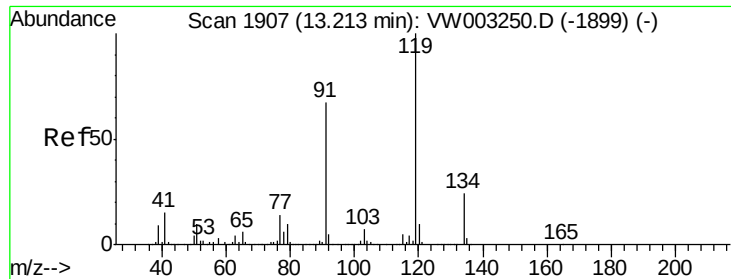
Tgt Ion: 91 Resp: 473343

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3

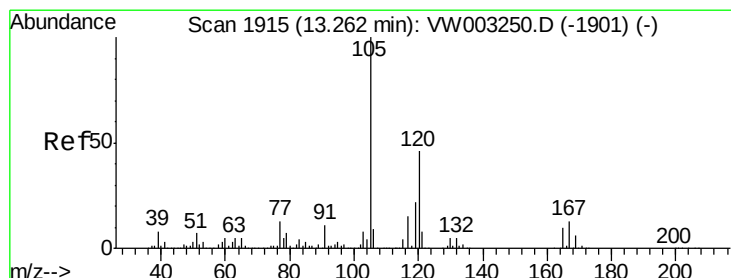
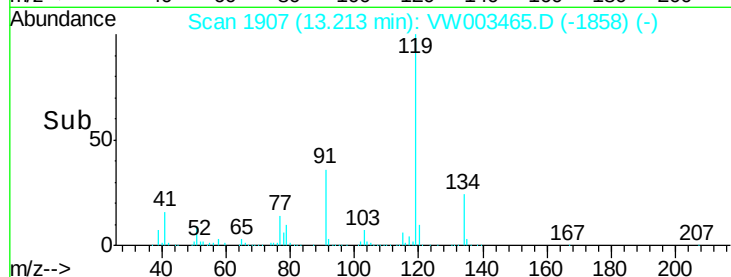
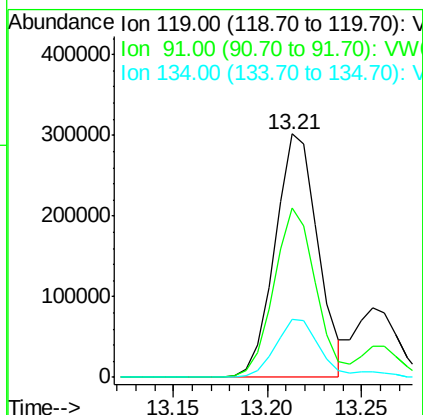
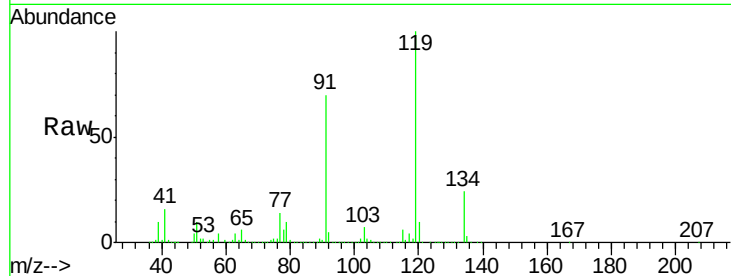




#83
 tert-Butylbenzene
 Concen: 50.573 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

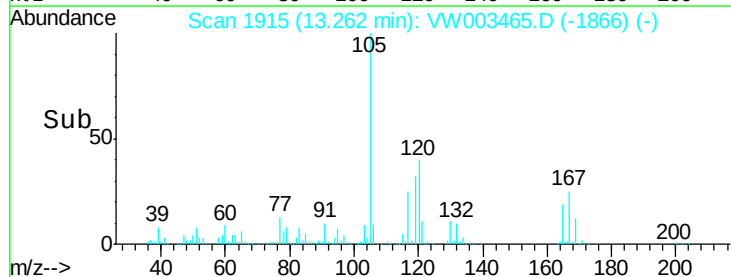
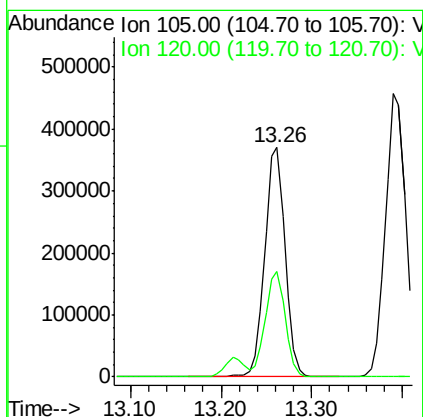
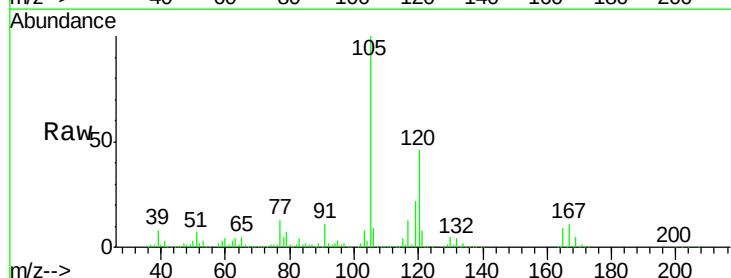
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

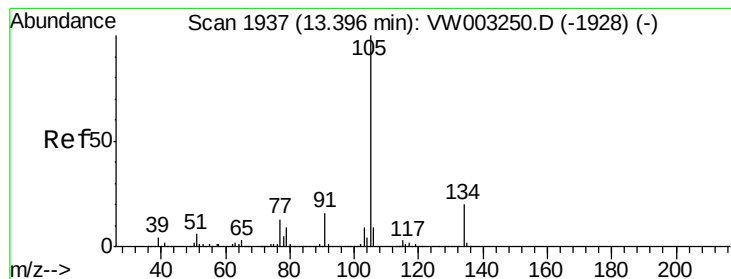
Tgt Ion:119 Resp: 475821
 Ion Ratio Lower Upper
 119 100
 91 68.5 33.9 101.7
 134 26.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.562 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion:105 Resp: 574209
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 50.565 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

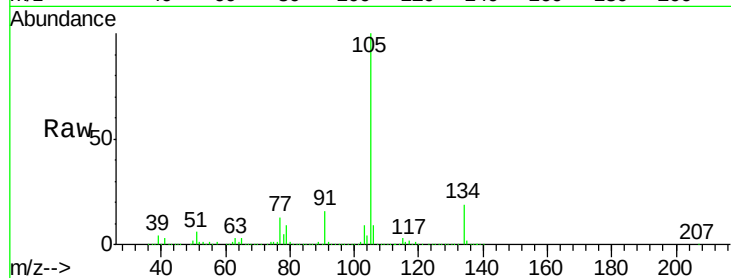
WP021SB476-25-27-180619MSD

Tgt Ion:105 Resp: 707145

Ion Ratio Lower Upper

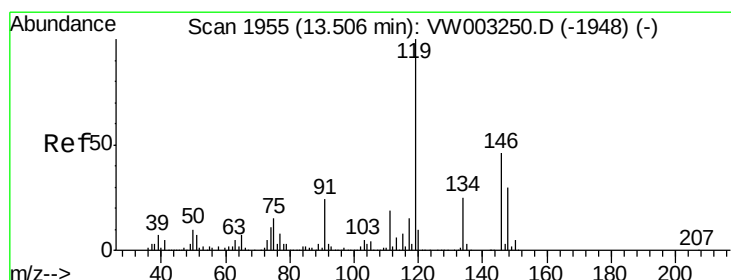
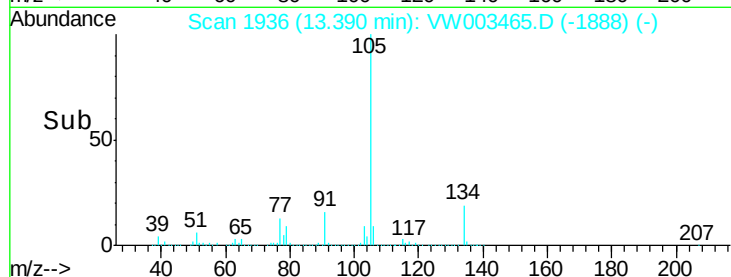
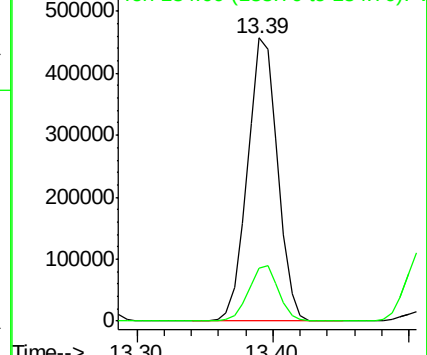
105 100

134 19.6 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.058 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

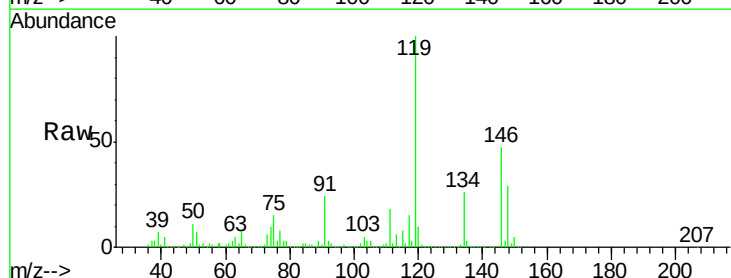
Tgt Ion:119 Resp: 617441

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

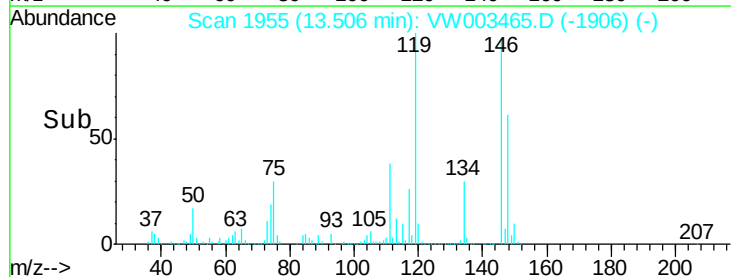
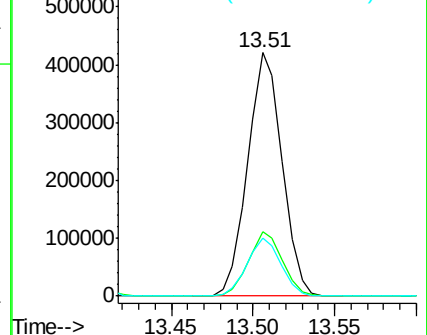
91 23.6 11.8 35.3

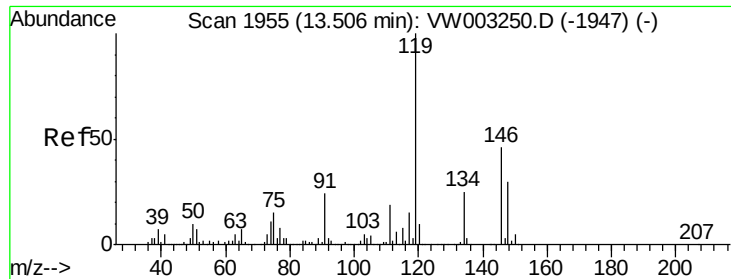


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

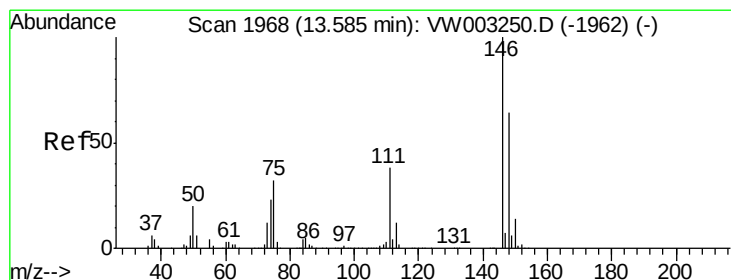
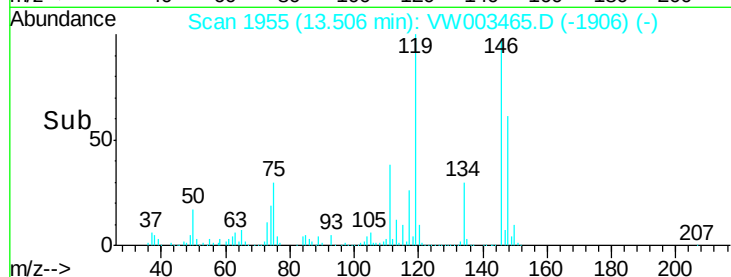
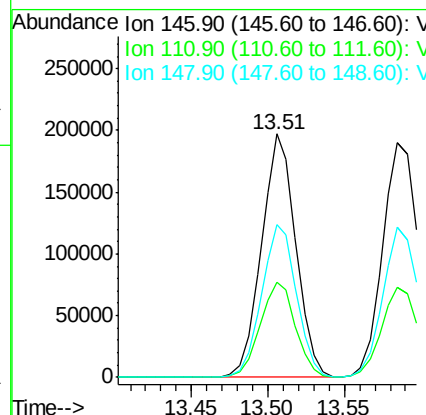
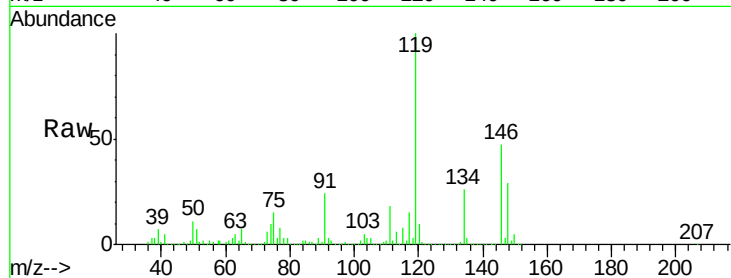




#87
 1,3-Dichlorobenzene
 Concen: 48.838 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

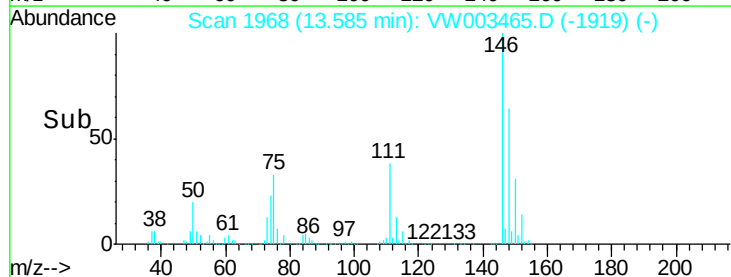
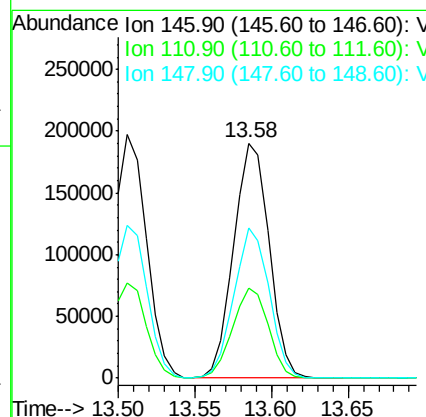
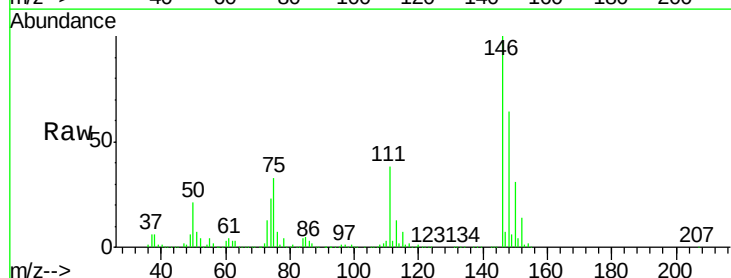
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

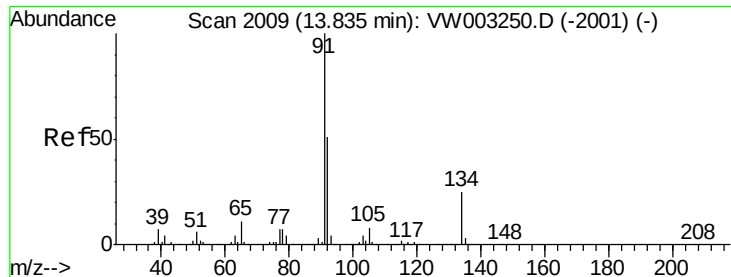
Tgt Ion:146 Resp: 307316
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.8 59.4
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.917 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion:146 Resp: 306012
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 63.3 31.8 95.4

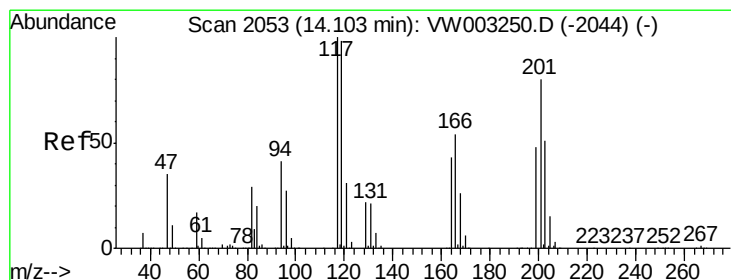
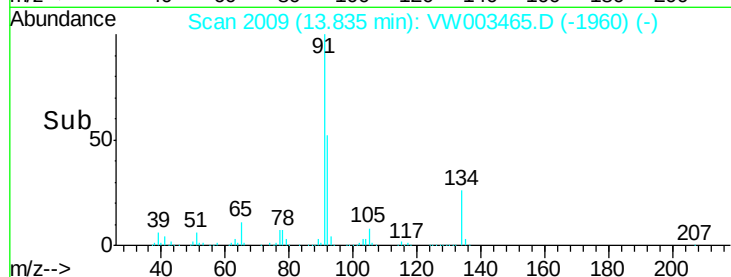
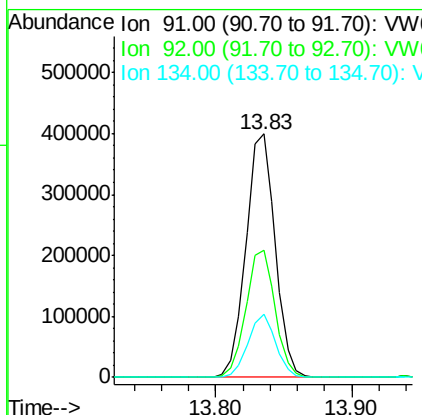
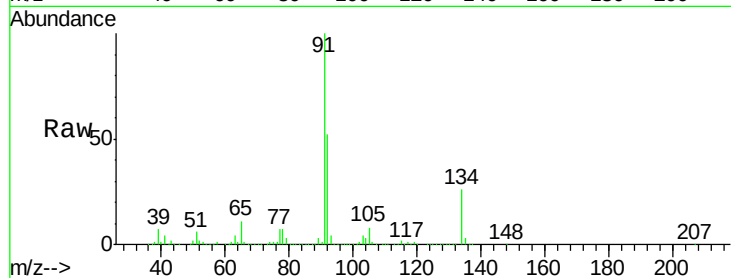




#89
n-Butylbenzene
Concen: 49.842 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

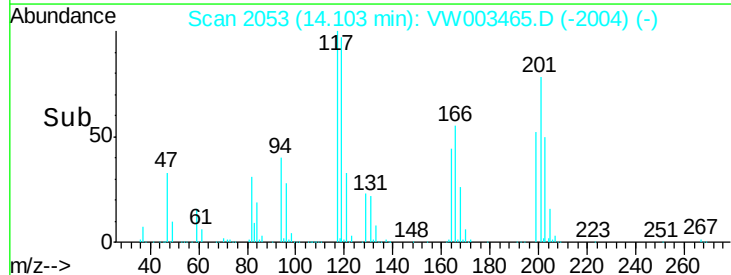
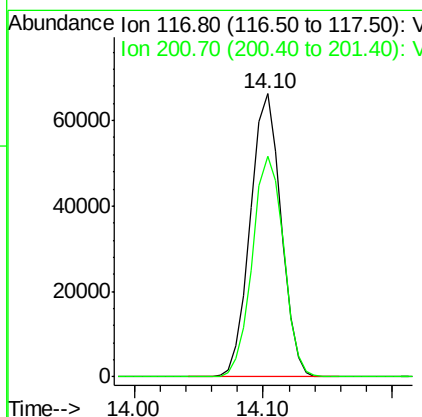
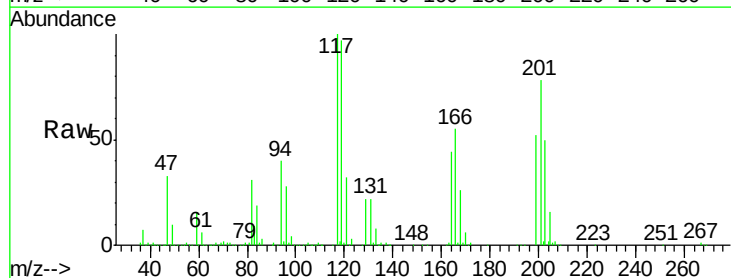
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MSD

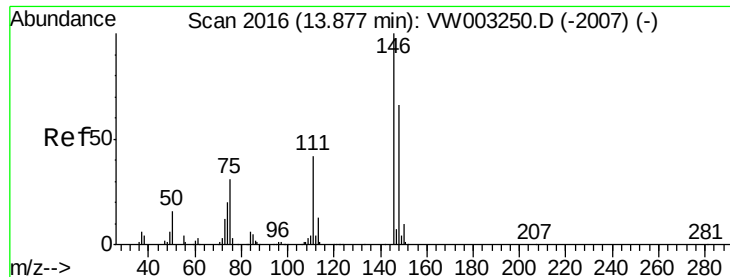
Tgt Ion: 91 Resp: 599258
Ion Ratio Lower Upper
91 100
92 51.9 26.0 78.0
134 25.0 12.7 38.0



#90
Hexachloroethane
Concen: 48.796 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003465.D
Acq: 23 Jun 2018 17:20

Tgt Ion: 117 Resp: 108878
Ion Ratio Lower Upper
117 100
201 79.3 39.5 118.5

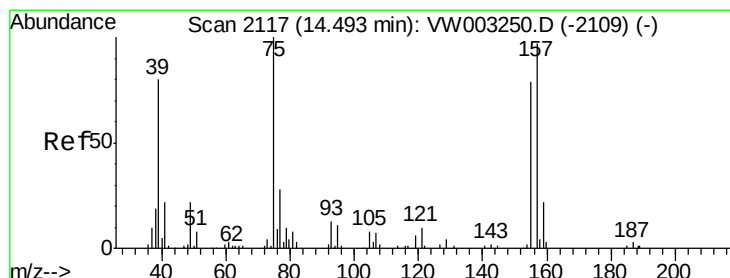
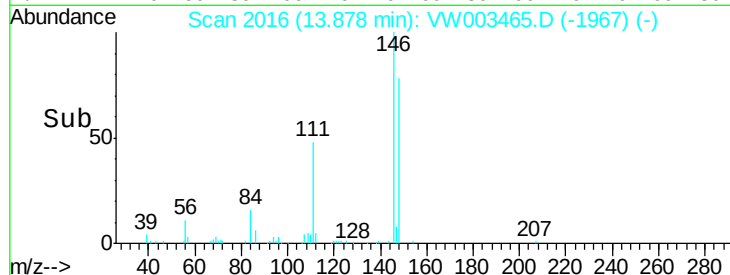
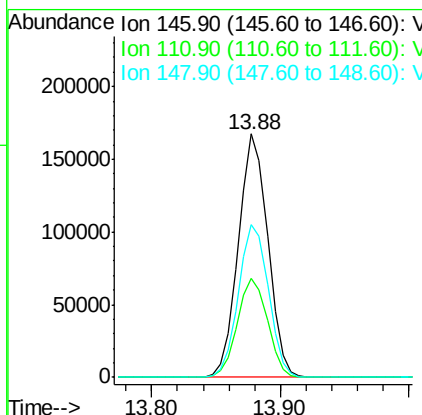
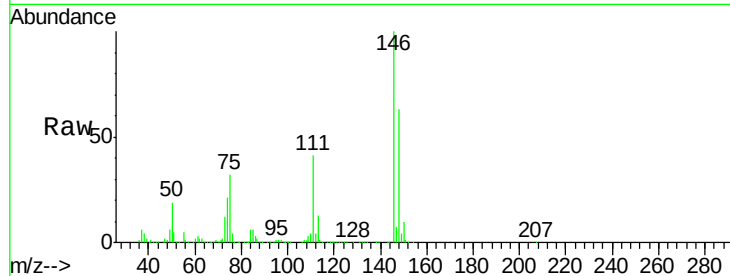




#91
 1,2-Dichlorobenzene
 Concen: 48.090 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

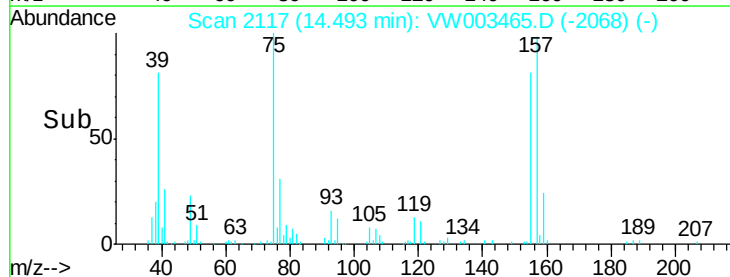
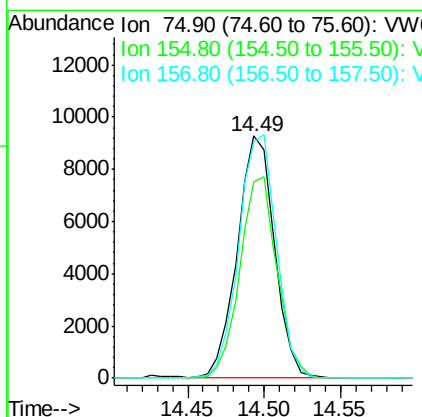
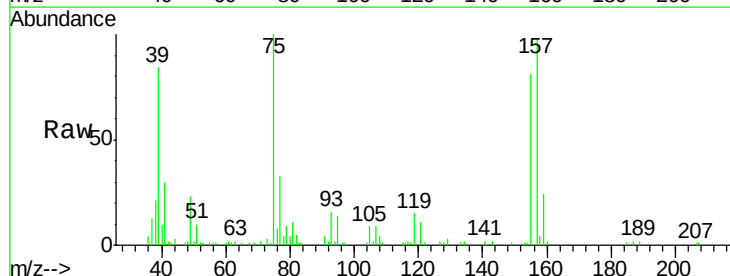
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

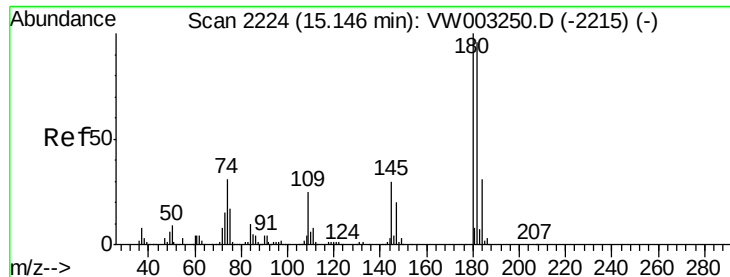
Tgt Ion:146 Resp: 265076
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 64.2 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.769 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion: 75 Resp: 15641
 Ion Ratio Lower Upper
 75 100
 155 82.8 39.4 118.2
 157 101.7 51.5 154.5

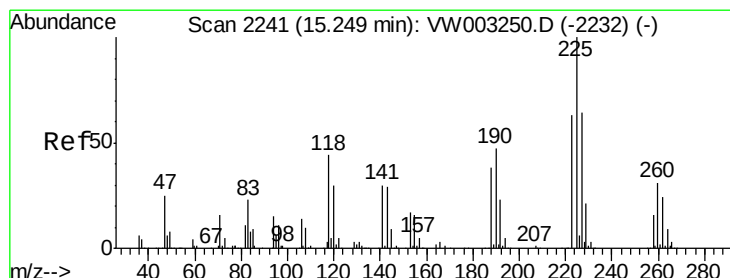
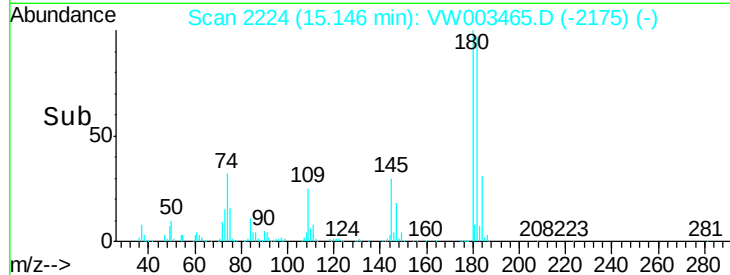
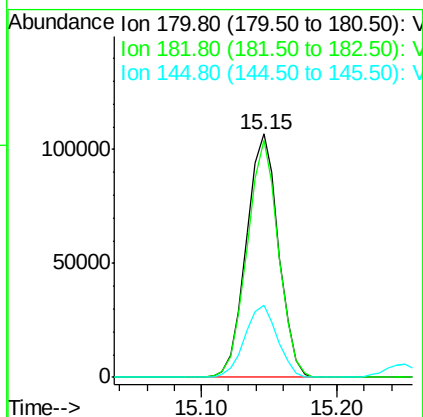
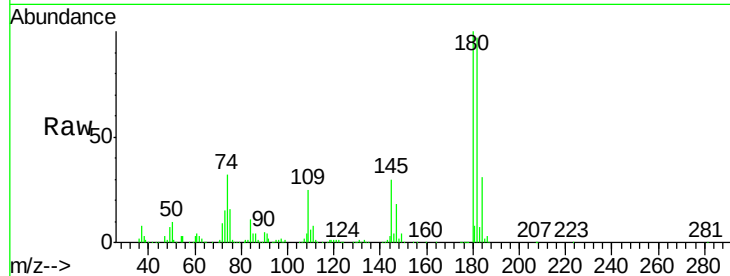




#93
 1,2,4-Trichlorobenzene
 Concen: 45.693 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

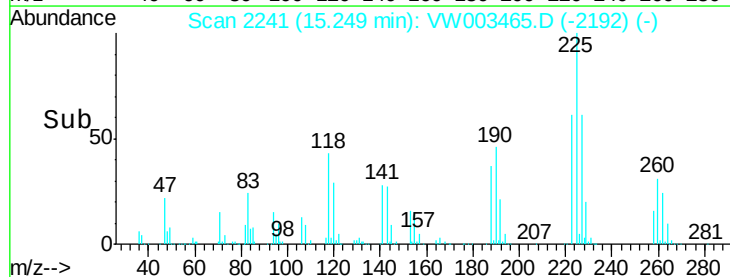
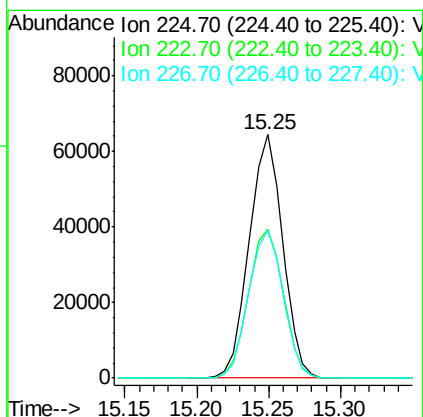
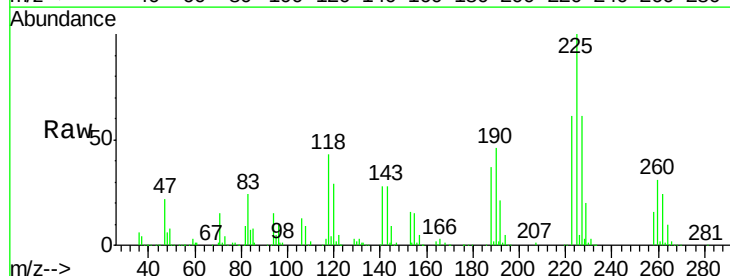
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

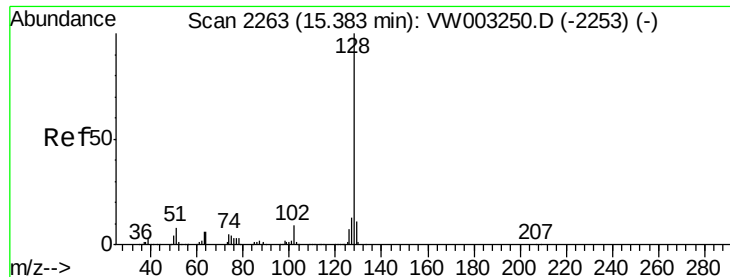
Tgt Ion:180 Resp: 176812
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.6
 145 30.1 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 44.622 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003465.D
 Acq: 23 Jun 2018 17:20

Tgt Ion:225 Resp: 103865
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.6 92.0
 227 63.1 31.7 95.1





#95

Naphthalene

Concen: 43.437 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MSD

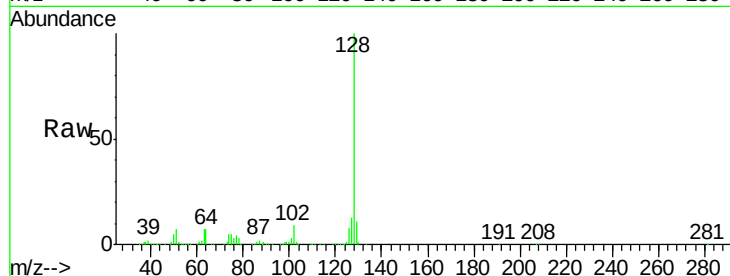
Tgt Ion:128 Resp: 285115

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

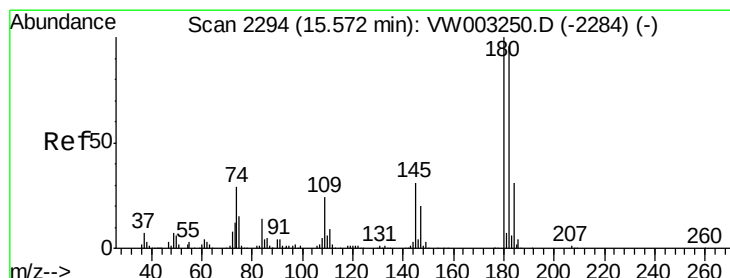
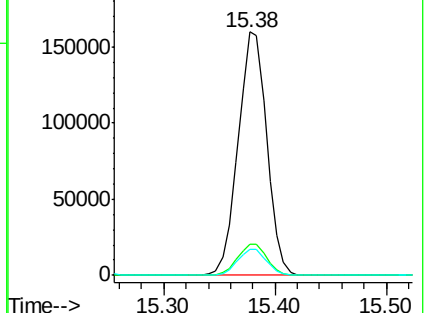
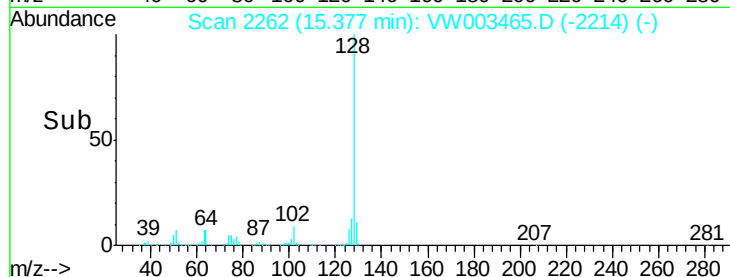
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.534 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003465.D

Acq: 23 Jun 2018 17:20

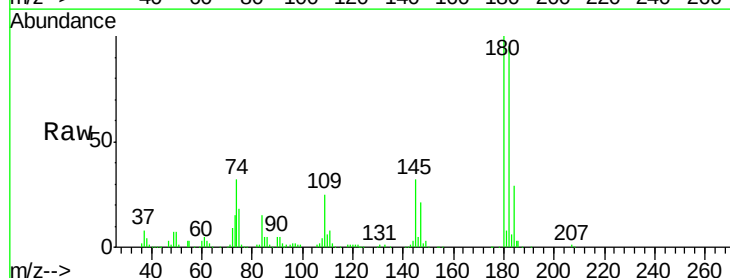
Tgt Ion:180 Resp: 148279

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.6

145 32.0 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

