

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003459.D
 Acq On : 23 Jun 2018 14:45
 Operator : SY/AP
 Sample : J3664-02MS
 Misc : 6.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 25 02:34:35 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	248293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181881	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152630	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	
35) Dibromofluoromethane	7.88	113	132161	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
50) Toluene-d8	10.33	98	527804	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.63	95	188197	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	54356	72.412	ug/l	90
3) Chloromethane	2.21	50	83812	44.191	ug/l	98
4) Vinyl Chloride	2.36	62	126329	45.691	ug/l	100
5) Bromomethane	2.78	94	75657	41.170	ug/l	97
6) Chloroethane	2.92	64	84611	43.964	ug/l	100
7) Trichlorofluoromethane	3.25	101	88385	53.361	ug/l	97
8) Diethyl Ether	3.68	74	58361	47.964	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111884	48.644	ug/l	98
10) Methyl Iodide	4.26	142	163620	47.038	ug/l	100
11) Tert butyl alcohol	5.24	59	19190	133.047	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	107369	47.769	ug/l	99
13) Acrolein	3.90	56	23961	116.193	ug/l	86
14) Allyl chloride	4.67	41	174005	44.693	ug/l	98
15) Acrylonitrile	5.38	53	134265	268.197	ug/l	99
16) Acetone	4.15	43	190498	337.734	ug/l	99
17) Carbon Disulfide	4.37	76	314484	47.327	ug/l	100
18) Methyl Acetate	4.68	43	94399	70.547	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	217739	51.722	ug/l	99
20) Methylene Chloride	4.91	84	123106	51.488	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	115099	47.053	ug/l	99
22) Diisopropyl ether	6.32	45	390859	49.882	ug/l	99
23) Vinyl Acetate	6.26	43	963649	213.412	ug/l	100
24) 1,1-Dichloroethane	6.21	63	226838	48.764	ug/l	98
25) 2-Butanone	7.18	43	209326	298.449	ug/l	96
26) 2,2-Dichloropropane	7.17	77	146773	47.278	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	130432	48.538	ug/l	99
28) Bromochloromethane	7.51	49	116753	60.315	ug/l	98
29) Tetrahydrofuran	7.54	42	117559	274.249	ug/l	100
30) Chloroform	7.68	83	234449	49.471	ug/l	99
31) Cyclohexane	7.96	56	198668	45.715	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	189063	48.332	ug/l	99
36) 1,1-Dichloropropene	8.09	75	182396	49.929	ug/l	99
37) Ethyl Acetate	7.26	43	78520	51.883	ug/l	98
38) Carbon Tetrachloride	8.07	117	170310	47.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217088	51.358	ug/l	98
40) Benzene	8.33	78	649313	64.483	ug/l	99
41) Methacrylonitrile	7.49	41	50684	54.575	ug/l	98
42) 1,2-Dichloroethane	8.40	62	160271	50.802	ug/l	99
43) Isopropyl Acetate	8.43	43	159344	53.026	ug/l	100
44) Trichloroethene	9.09	130	132811	49.775	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130415	50.867	ug/l	97
46) Dibromomethane	9.46	93	69186	52.708	ug/l	97
47) Bromodichloromethane	9.65	83	167226	49.701	ug/l	100
48) Methyl methacrylate	9.45	41	79127	56.030	ug/l	99
49) 1,4-Dioxane	9.49	88	20644	1041.610	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	441886	288.583	ug/l	100
52) Toluene	10.40	92	344249	53.312	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	174396	50.741	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	192647	49.246	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97150	52.522	ug/l	98
56) Ethyl methacrylate	10.65	69	121152	53.938	ug/l	97
57) 1,3-Dichloropropane	10.94	76	166151	52.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	280782	278.860	ug/l	98
59) 2-Hexanone	10.98	43	329560	308.087	ug/l	99
60) Dibromochloromethane	11.13	129	108443	49.300	ug/l	100
61) 1,2-Dibromoethane	11.24	107	92504	52.870	ug/l	99
64) Tetrachloroethene	10.87	164	119790	50.562	ug/l	98
65) Chlorobenzene	11.66	112	1399064	189.671	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	126281	48.716	ug/l	100
67) Ethyl Benzene	11.74	91	660634	50.525	ug/l	100
68) m/p-Xylenes	11.85	106	491428	98.871	ug/l	99
69) o-Xylene	12.18	106	232519	50.477	ug/l	99
70) Styrene	12.19	104	383496	50.016	ug/l	100
71) Bromoform	12.35	173	63648	47.377	ug/l #	99
73) Isopropylbenzene	12.47	105	649468	51.339	ug/l	100
74) N-amyl acetate	12.28	43	138771	48.194	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	117735	55.011	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	149495	96.146	ug/l #	100
77) Bromobenzene	12.76	156	144460	49.033	ug/l	97
78) n-propylbenzene	12.81	91	780769	50.403	ug/l	100
79) 2-Chlorotoluene	12.90	91	433647	49.537	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	537226	50.593	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28019	41.465	ug/l	94
82) 4-Chlorotoluene	12.99	91	454444	48.937	ug/l	100
83) tert-Butylbenzene	13.21	119	449057	49.623	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	552545	50.586	ug/l	100
85) sec-Butylbenzene	13.39	105	653145	48.558	ug/l	100
86) p-Isopropyltoluene	13.51	119	571842	48.201	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	290506	47.999	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	286025	47.537	ug/l	99
89) n-Butylbenzene	13.83	91	547379	47.334	ug/l	100
90) Hexachloroethane	14.10	117	97434	45.400	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	264249	49.843	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19930	55.336	ug/l	99

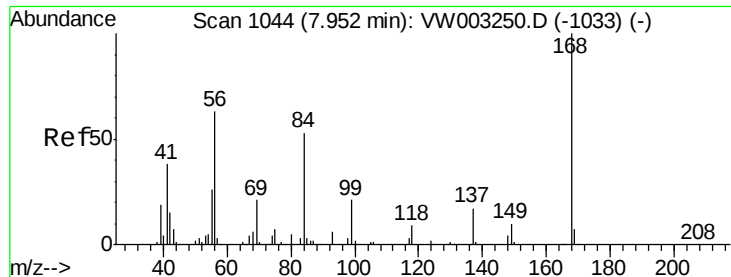
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	156456	42.038	ug/l	100
94) Hexachlorobutadiene	15.25	225	81236	36.286	ug/l	100
95) Naphthalene	15.38	128	307594	48.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	134923	41.185	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: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

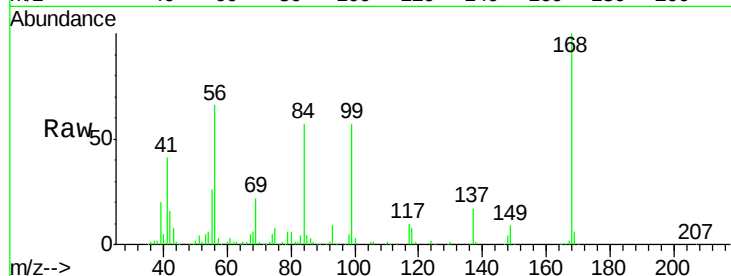
WP021SB482-15-17-180619MS

Tgt Ion:168 Resp: 248293

Ion Ratio Lower Upper

168 100

99 57.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

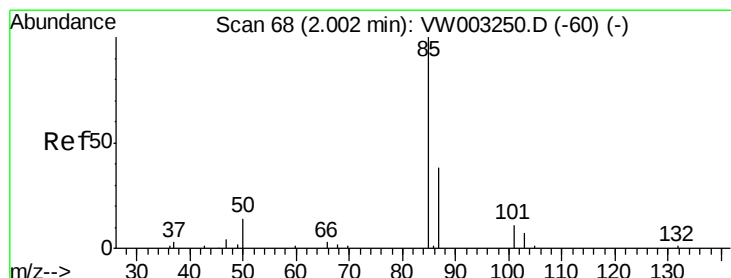
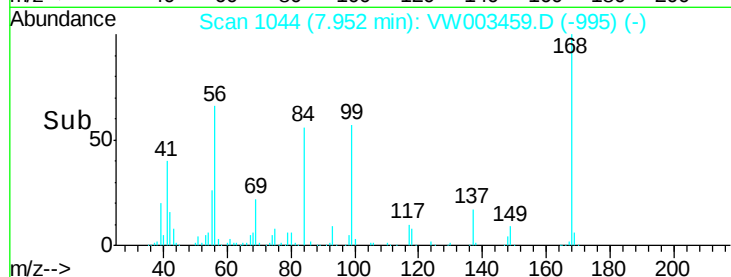
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 72.412 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003459.D

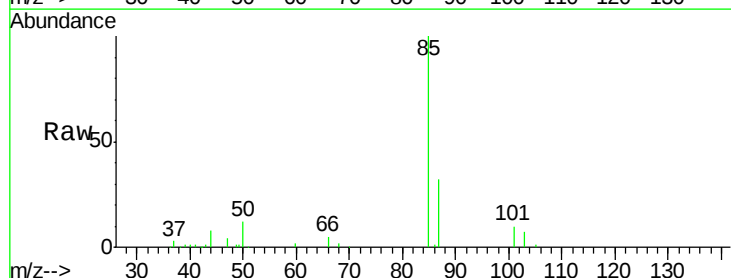
Acq: 23 Jun 2018 14:45

Tgt Ion: 85 Resp: 54356

Ion Ratio Lower Upper

85 100

87 31.5 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

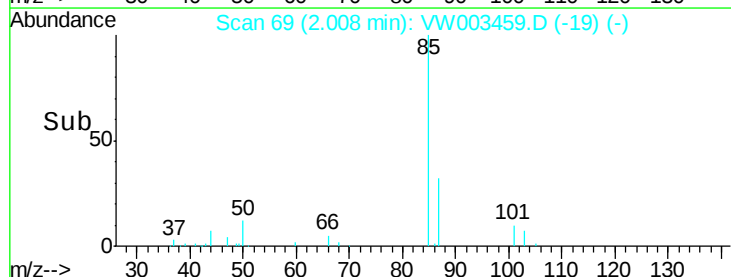
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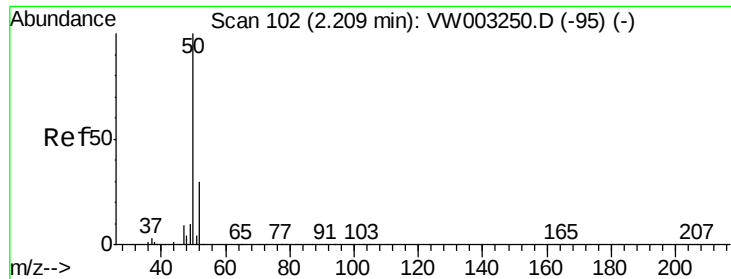
10000

5000

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Time-->





#3

Chloromethane

Concen: 44.191 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

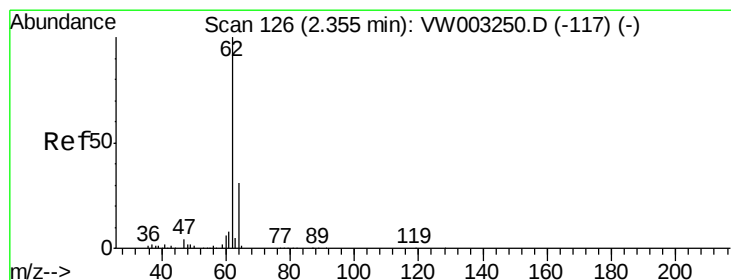
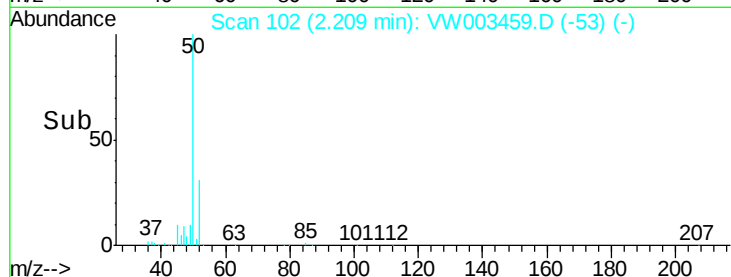
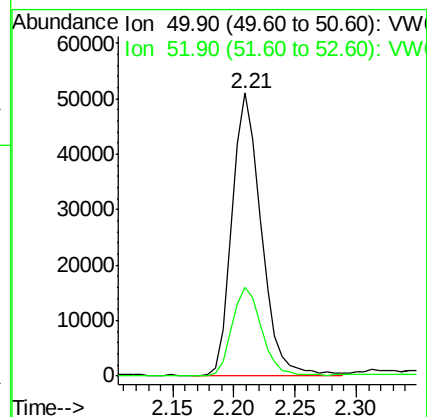
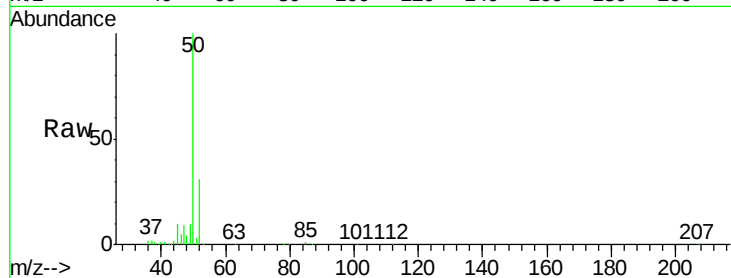
WP021SB482-15-17-180619MS

Tgt Ion: 50 Resp: 83812

Ion Ratio Lower Upper

50 100

52 31.3 24.2 36.2



#4

Vinyl Chloride

Concen: 45.691 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003459.D

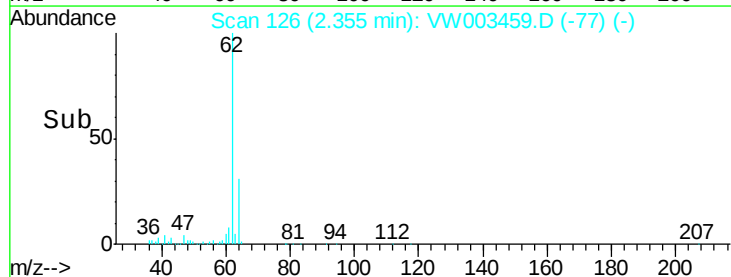
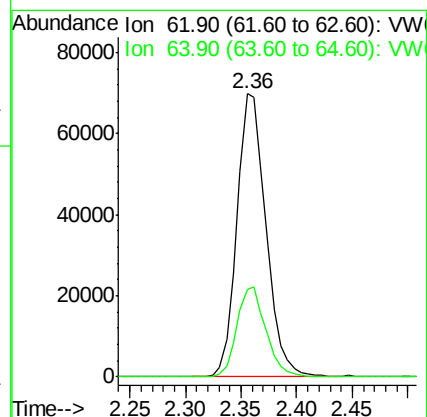
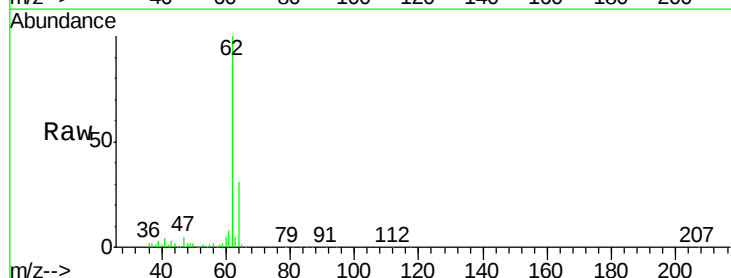
Acq: 23 Jun 2018 14:45

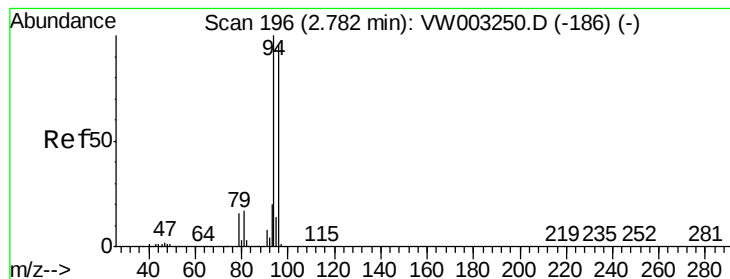
Tgt Ion: 62 Resp: 126329

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3





#5

Bromomethane

Concen: 41.170 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

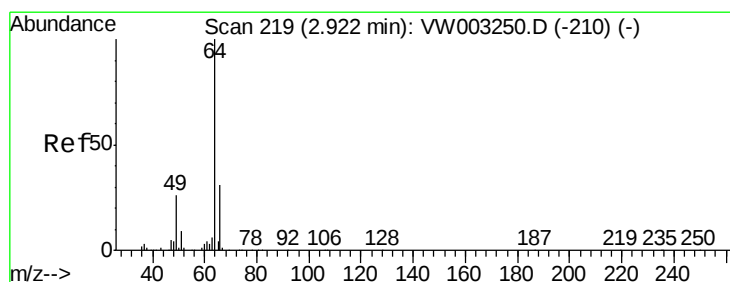
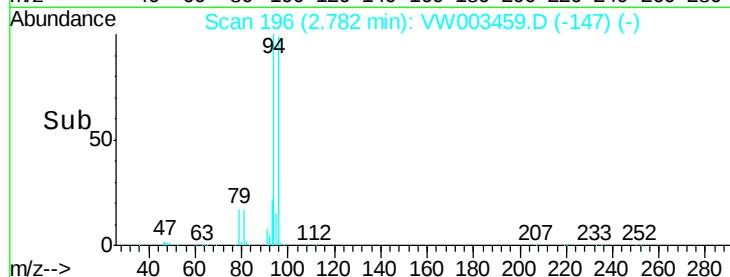
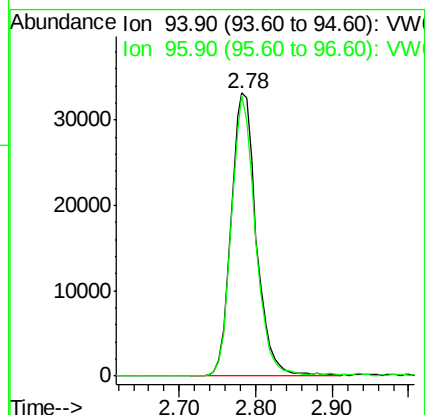
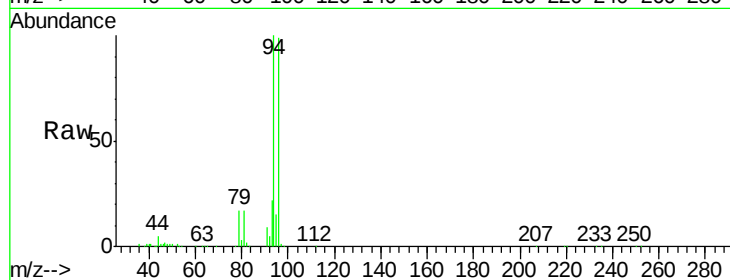
WP021SB482-15-17-180619MS

Tgt Ion: 94 Resp: 75657

Ion Ratio Lower Upper

94 100

96 98.8 76.5 114.7



#6

Chloroethane

Concen: 43.964 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003459.D

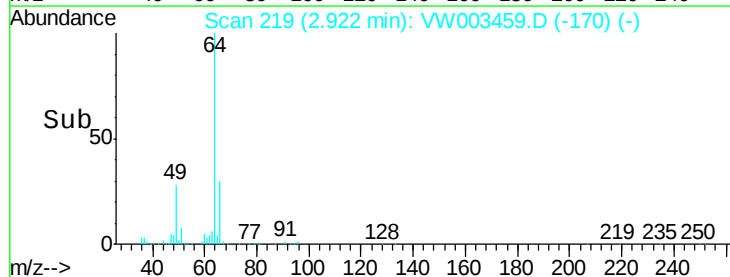
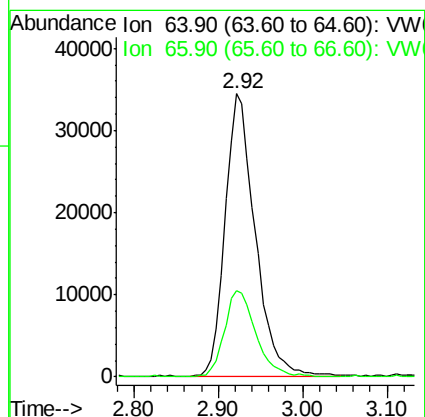
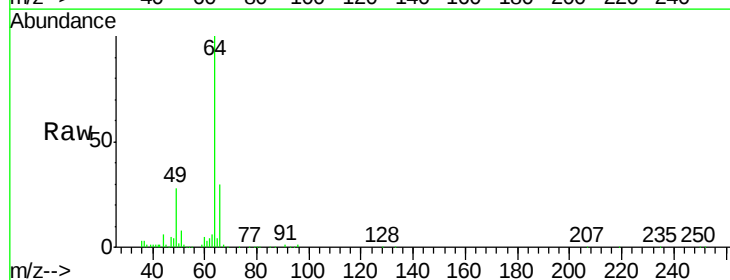
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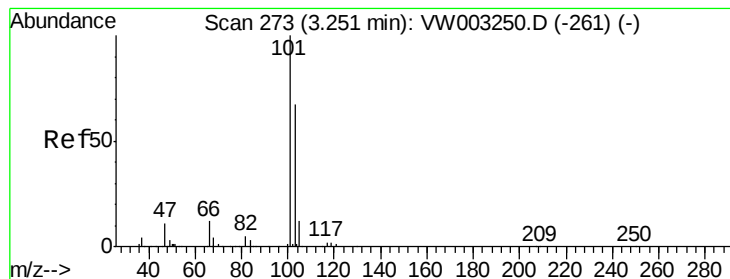
Tgt Ion: 64 Resp: 84611

Ion Ratio Lower Upper

64 100

66 30.4 24.4 36.6



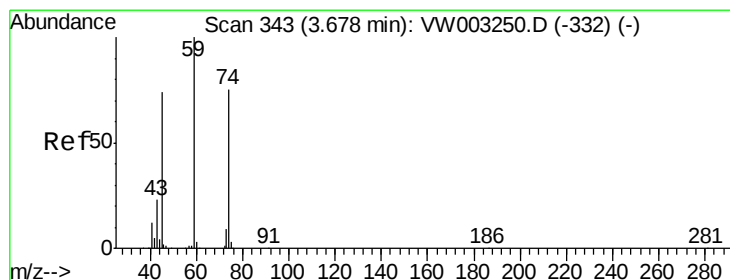
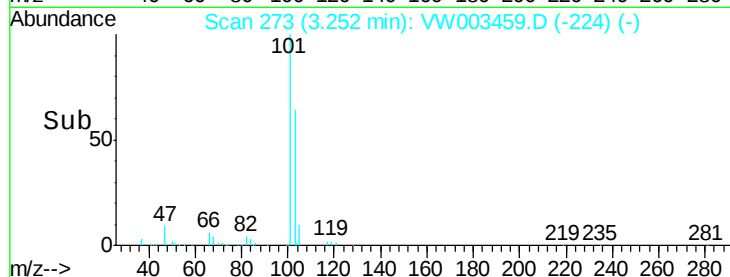
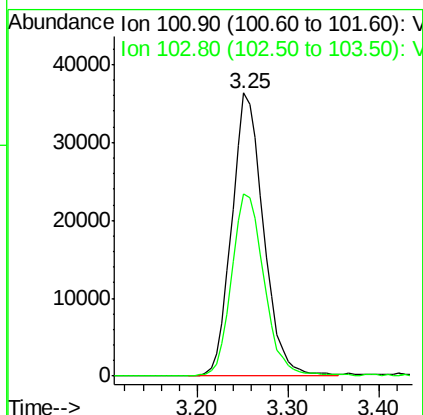
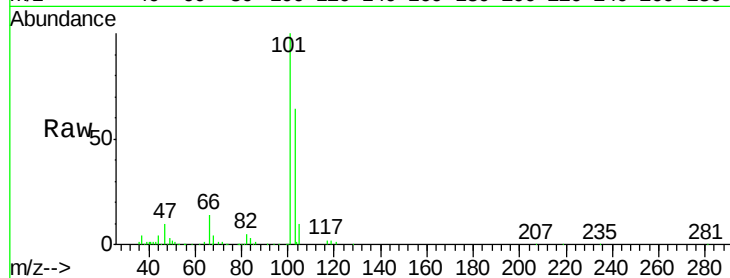


#7

Trichlorofluoromethane
 Concen: 53.361 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003459.D
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 MSVOA_W
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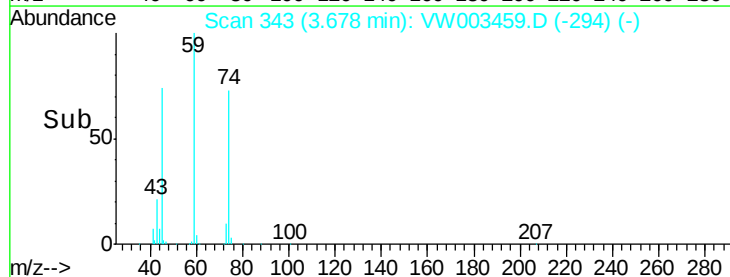
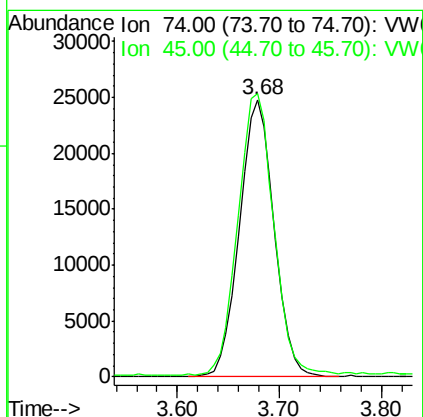
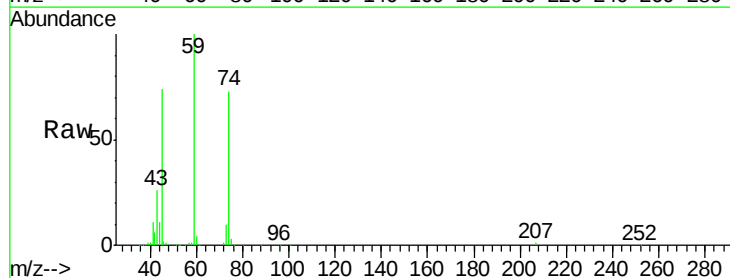
Tgt Ion:101 Resp: 88385
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.4 80.0

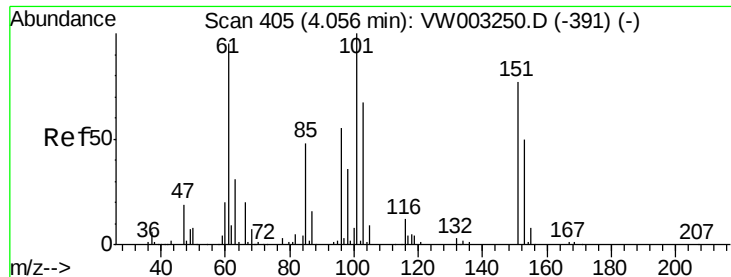


#8

Diethyl Ether
 Concen: 47.964 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 74 Resp: 58361
 Ion Ratio Lower Upper
 74 100
 45 105.4 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.644 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

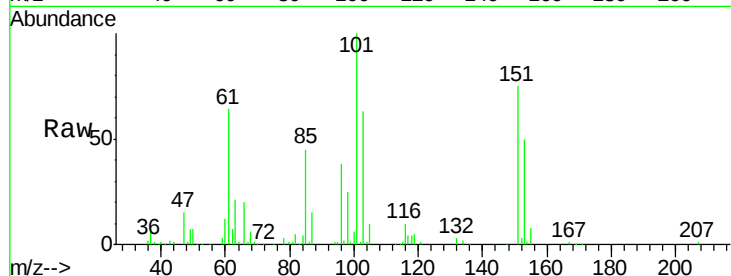
Tgt Ion:101 Resp: 111884

Ion Ratio Lower Upper

101 100

85 45.2 37.0 55.6

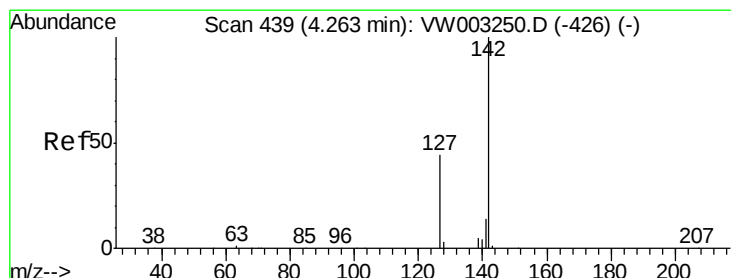
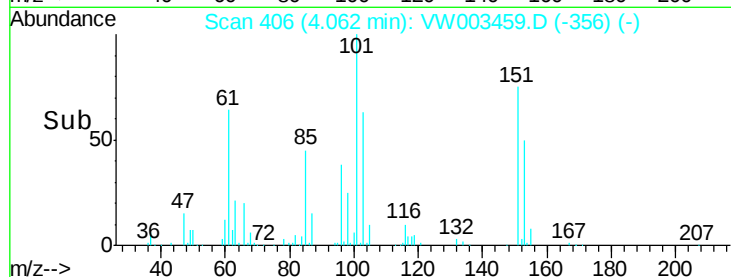
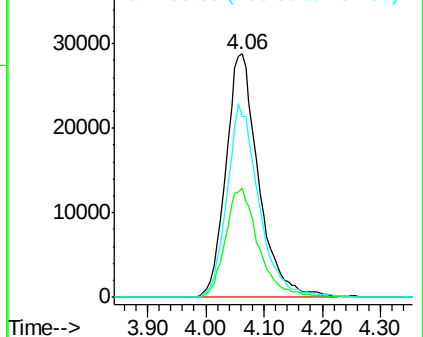
151 77.3 63.3 94.9



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: 47.038 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

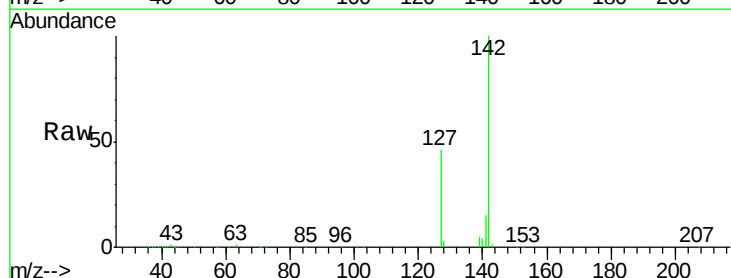
Tgt Ion:142 Resp: 163620

Ion Ratio Lower Upper

142 100

127 45.3 36.5 54.7

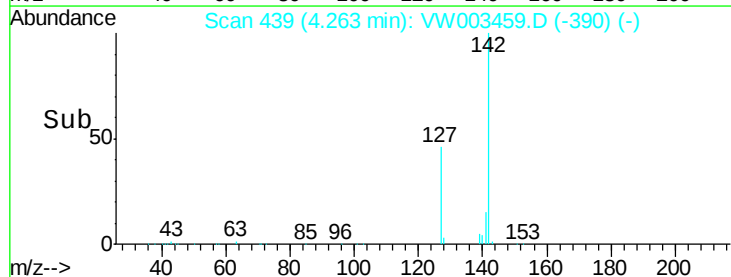
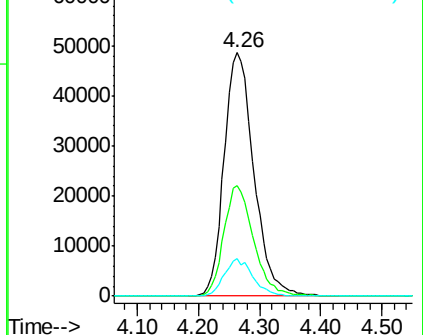
141 14.9 12.1 18.1

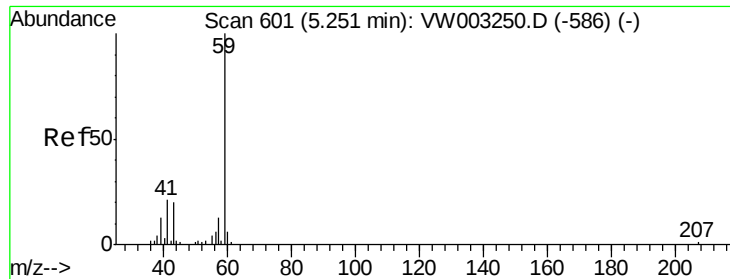


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



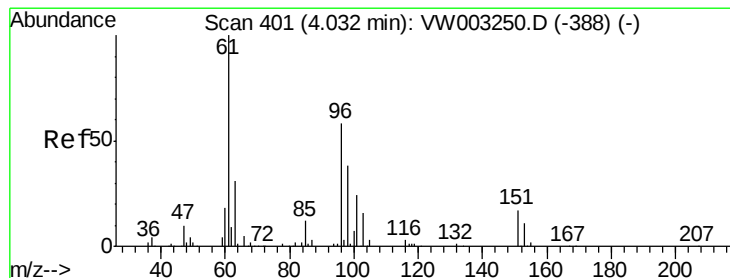
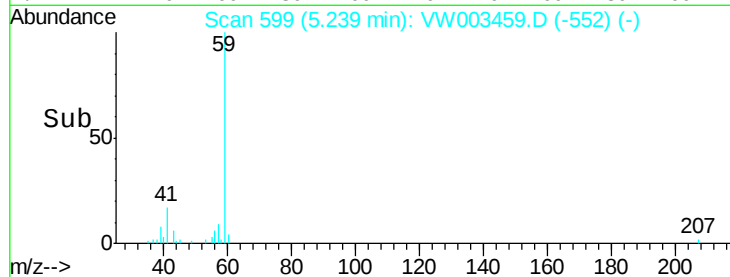
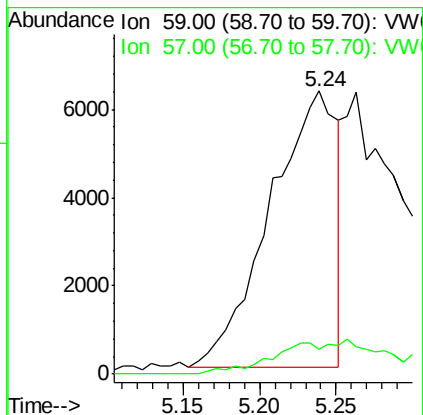
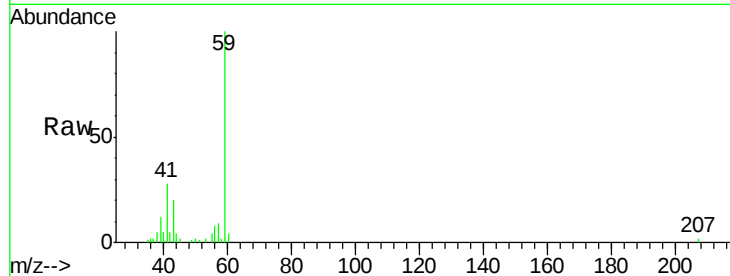


#11

Tert butyl alcohol
Concen: 133.047 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

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

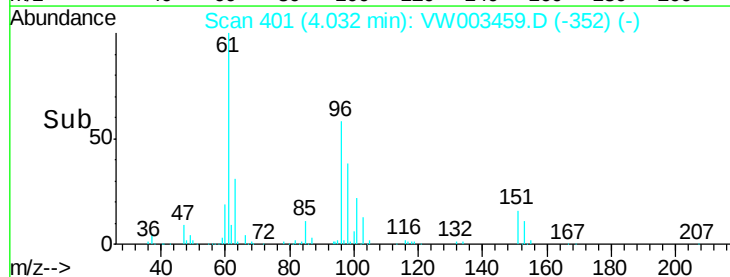
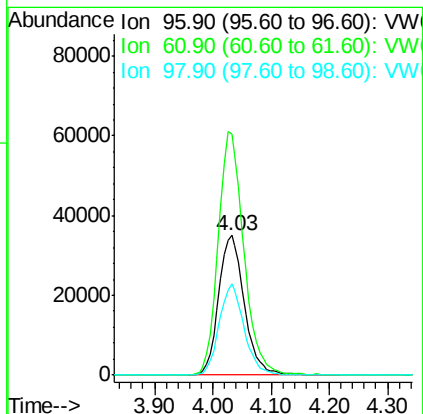
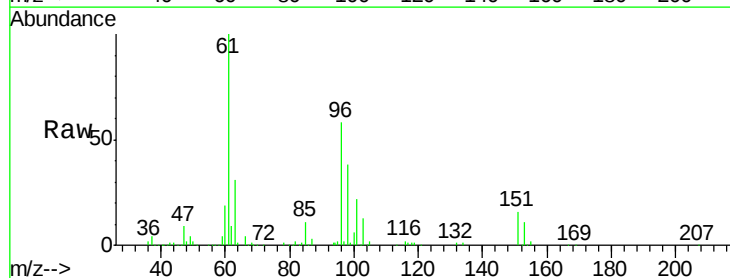
Tgt Ion: 59 Resp: 19190
Ion Ratio Lower Upper
59 100
57 8.8 4.2 6.2#

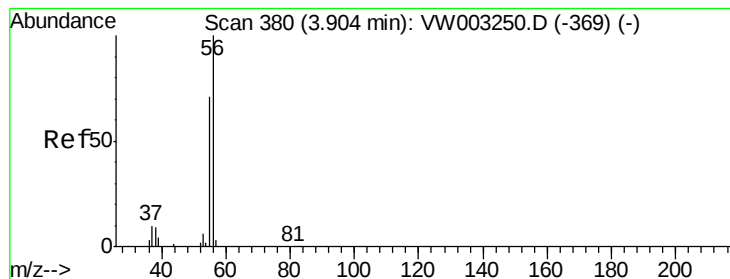


#12

1,1-Dichloroethene
Concen: 47.769 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 96 Resp: 107369
Ion Ratio Lower Upper
96 100
61 172.4 139.0 208.4
98 65.5 53.3 79.9





#13

Acrolein

Concen: 116.193 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

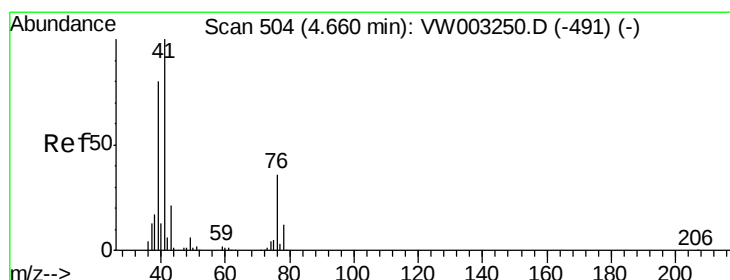
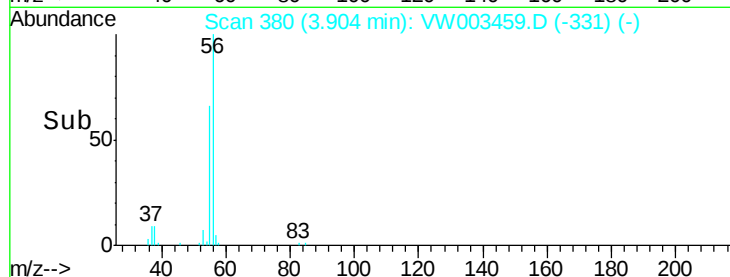
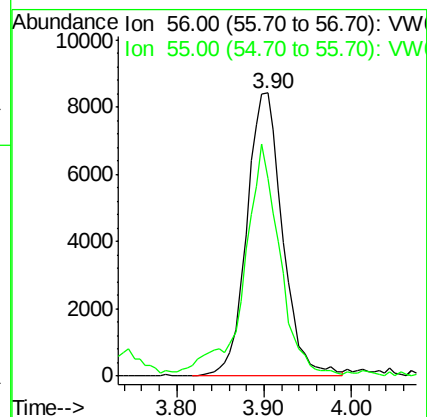
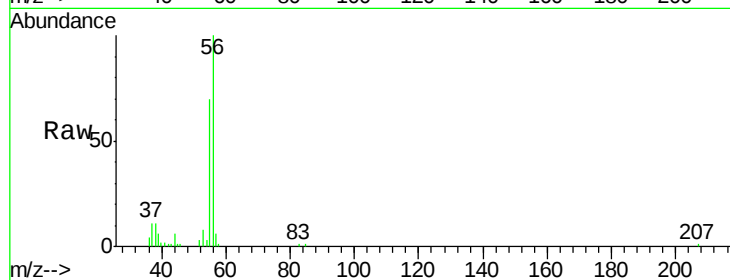
WP021SB482-15-17-180619MS

Tgt Ion: 56 Resp: 23961

Ion Ratio Lower Upper

56 100

55 81.0 55.4 83.2



#14

Allyl chloride

Concen: 44.693 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

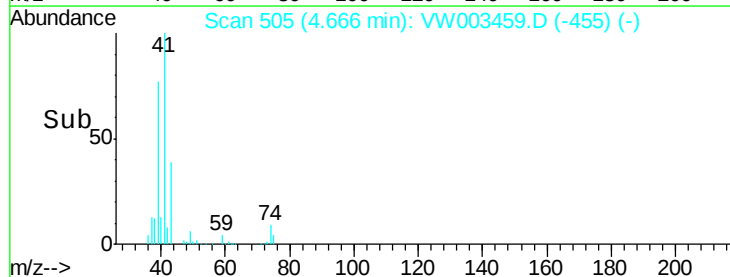
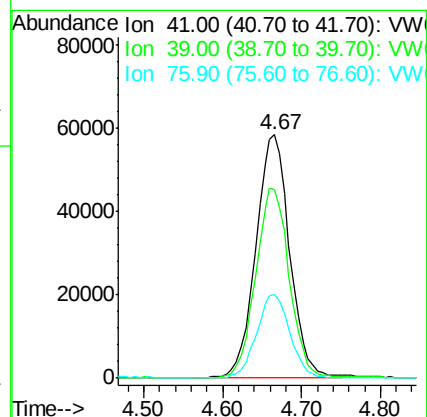
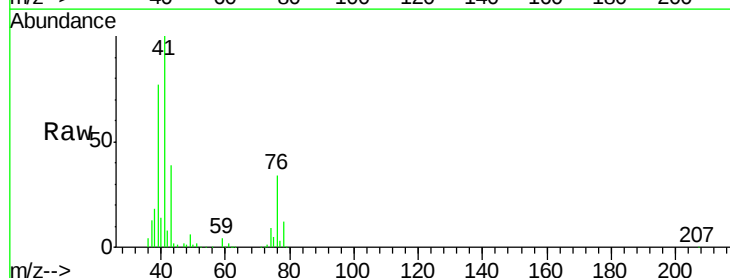
Tgt Ion: 41 Resp: 174005

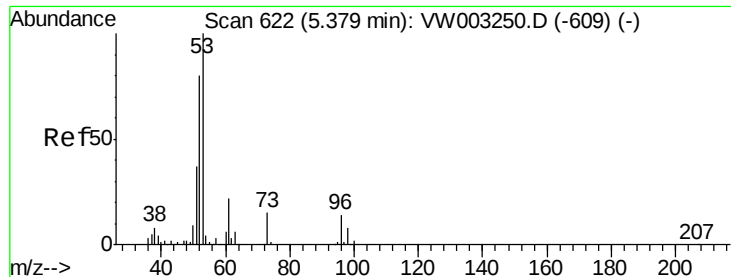
Ion Ratio Lower Upper

41 100

39 76.9 63.2 94.8

76 34.0 28.0 42.0





#15

Acrylonitrile

Concen: 268.197 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

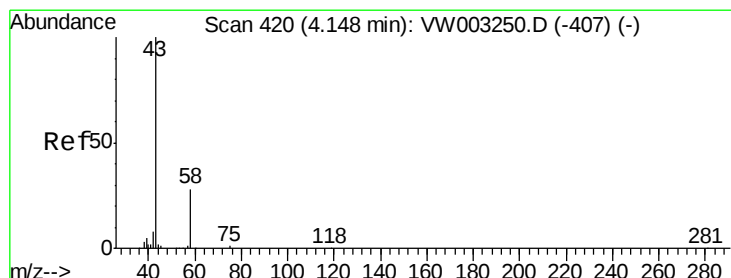
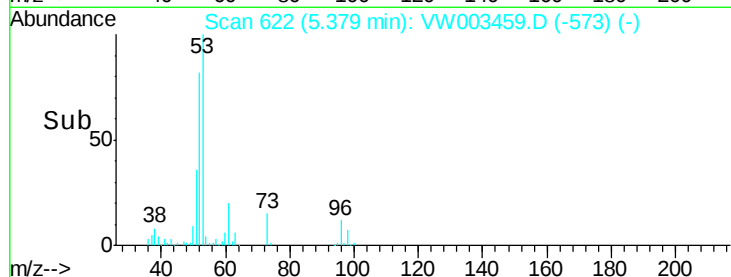
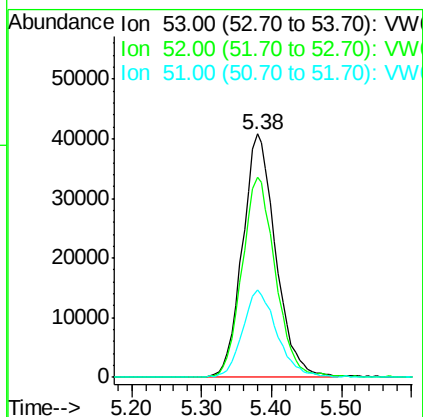
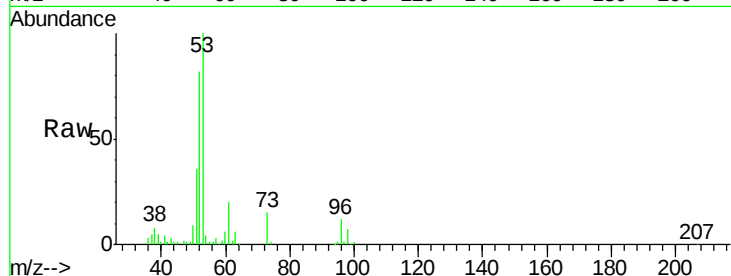
Tgt Ion: 53 Resp: 134265

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

51 36.7 30.6 46.0



#16

Acetone

Concen: 337.734 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003459.D

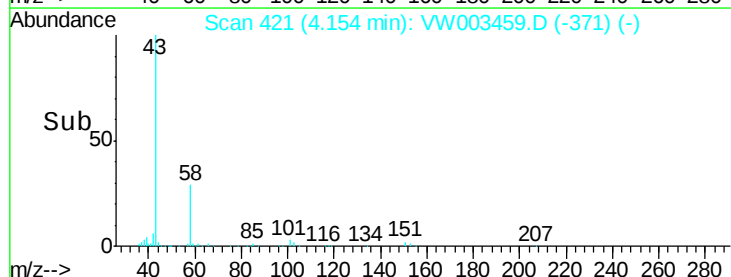
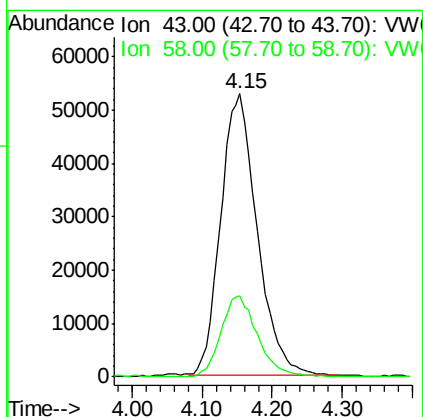
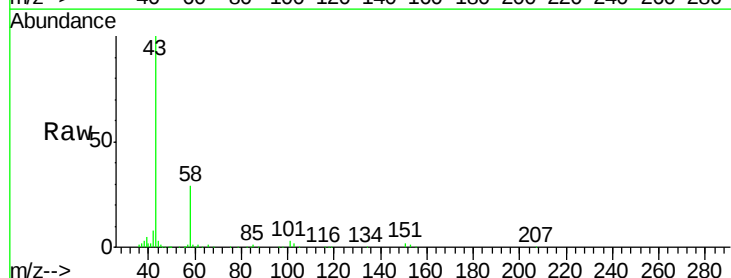
Acq: 23 Jun 2018 14:45

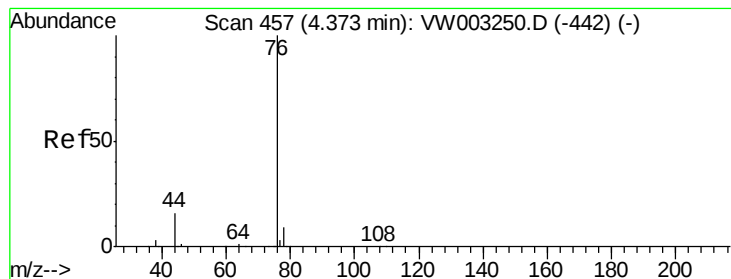
Tgt Ion: 43 Resp: 190498

Ion Ratio Lower Upper

43 100

58 28.8 22.6 34.0





#17

Carbon Disulfide

Concen: 47.327 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

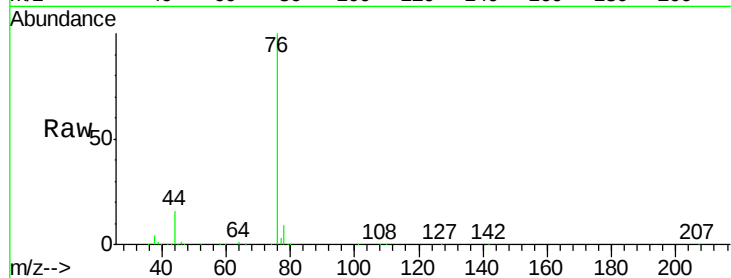
WP021SB482-15-17-180619MS

Tgt Ion: 76 Resp: 314484

Ion Ratio Lower Upper

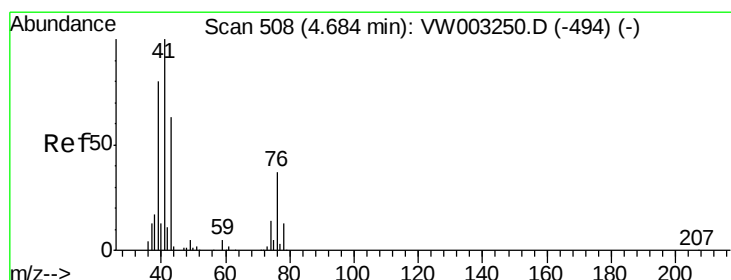
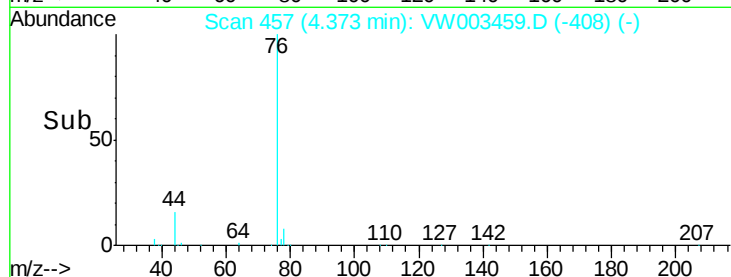
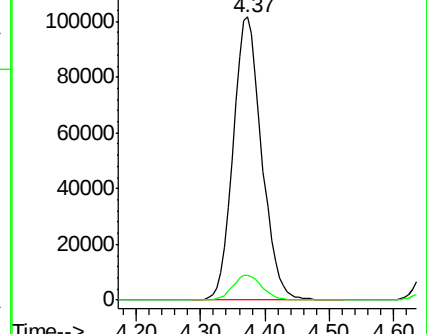
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 70.547 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003459.D

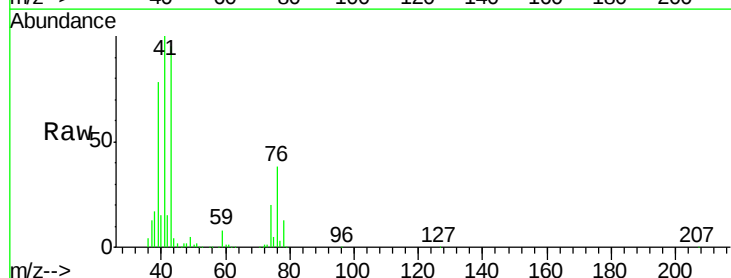
Acq: 23 Jun 2018 14:45

Tgt Ion: 43 Resp: 94399

Ion Ratio Lower Upper

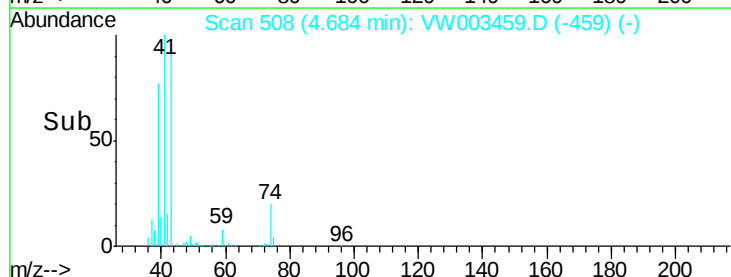
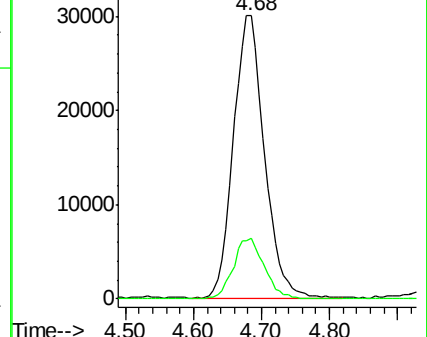
43 100

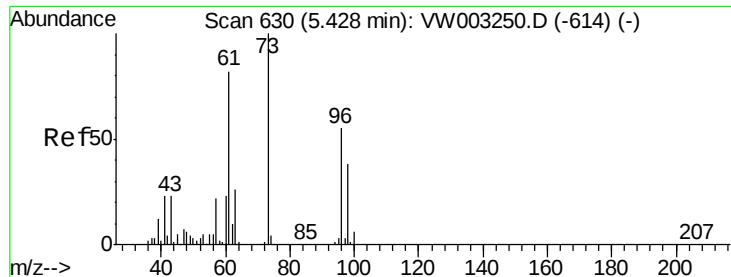
74 21.5 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

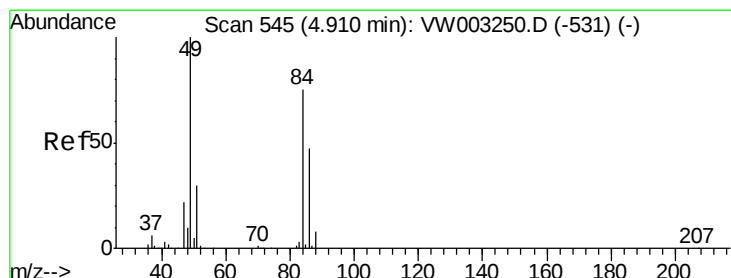
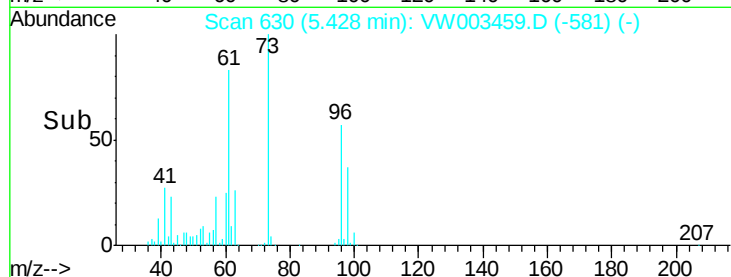
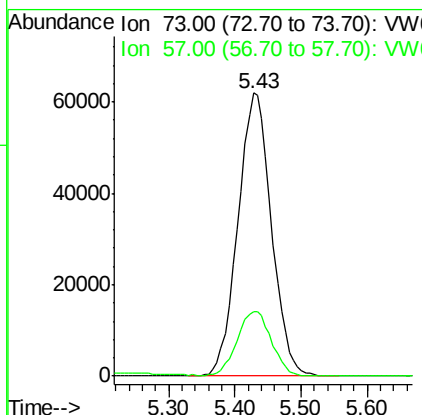
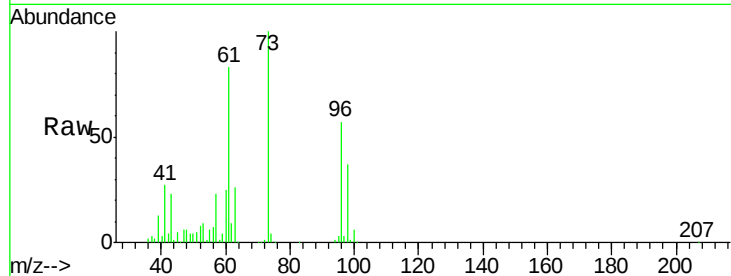




#19
Methyl tert-butyl Ether
Concen: 51.722 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

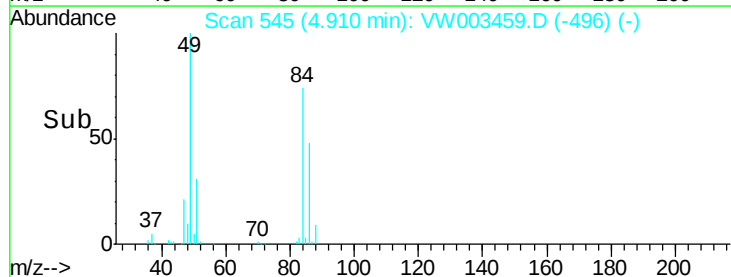
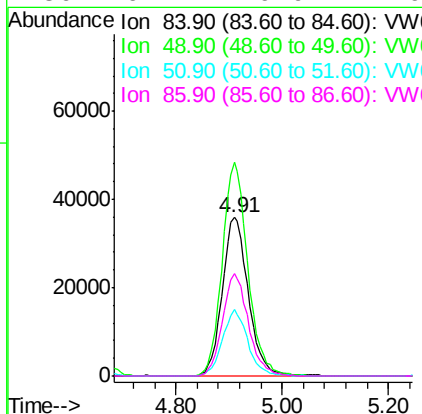
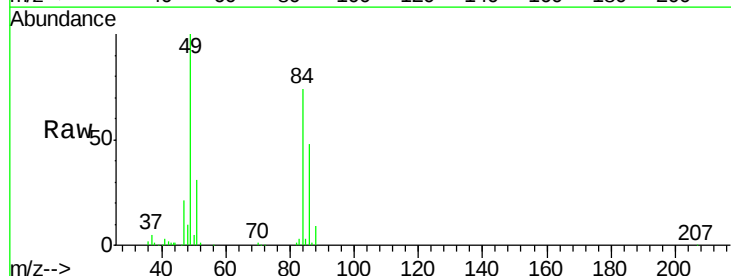
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

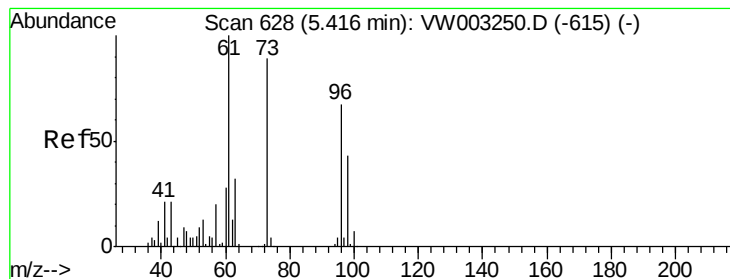
Tgt Ion: 73 Resp: 217739
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 51.488 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 84 Resp: 123106
Ion Ratio Lower Upper
84 100
49 135.1 106.3 159.5
51 41.7 32.0 48.0
86 64.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.053 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

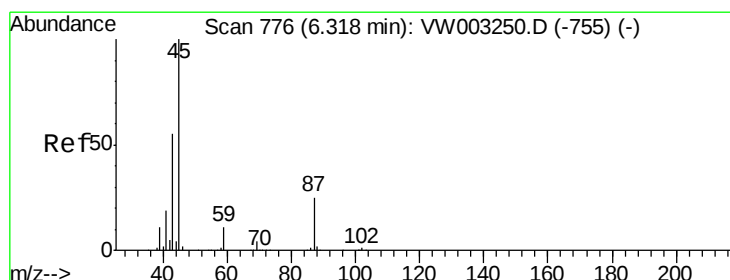
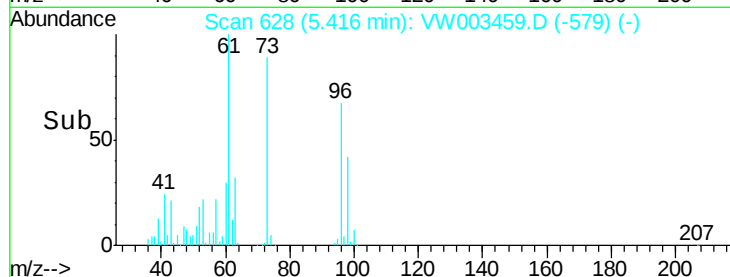
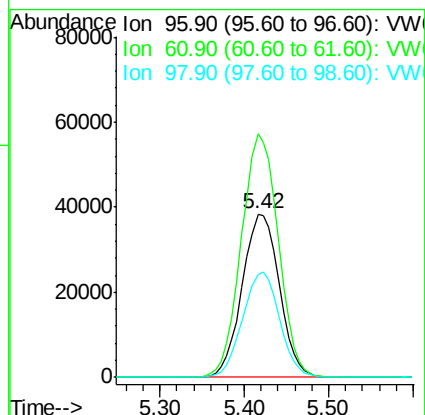
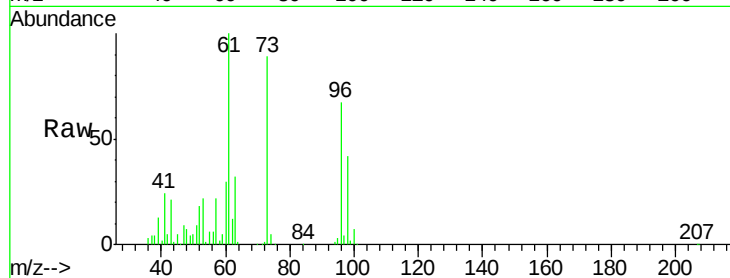
Tgt Ion: 96 Resp: 115099

Ion Ratio Lower Upper

96 100

61 149.3 118.7 178.1

98 63.1 51.0 76.6



#22

Diisopropyl ether

Concen: 49.882 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion: 45 Resp: 390859

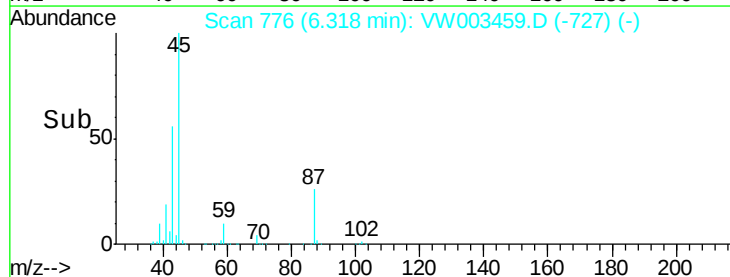
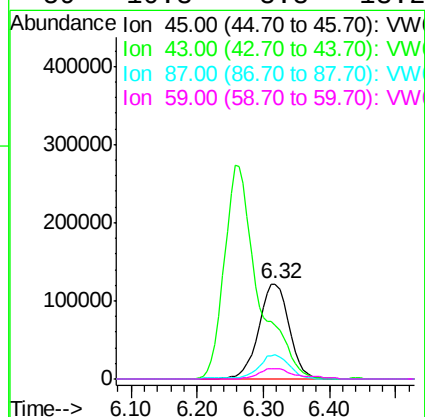
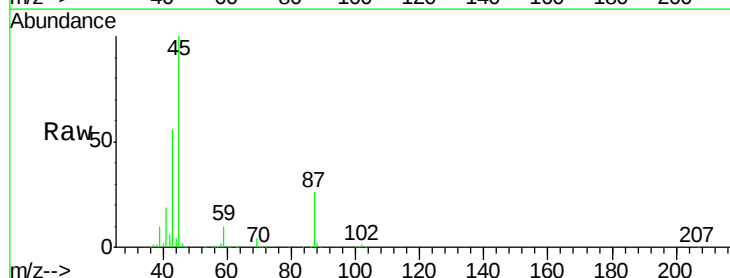
Ion Ratio Lower Upper

45 100

43 56.1 44.0 66.0

87 25.5 20.6 31.0

59 10.3 8.8 13.2





#23

Vinyl Acetate

Concen: 213.412 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

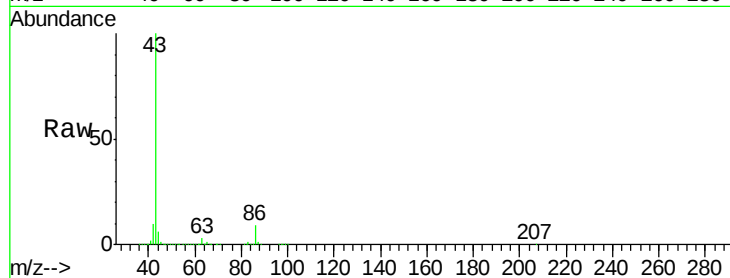
WP021SB482-15-17-180619MS

Tgt Ion: 43 Resp: 963649

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

300000

250000

200000

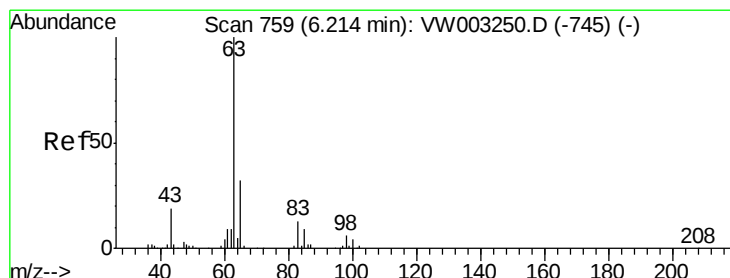
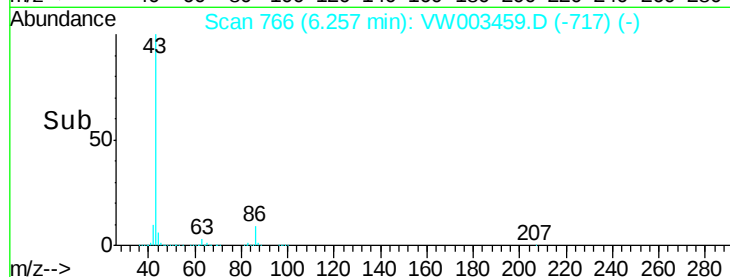
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.764 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

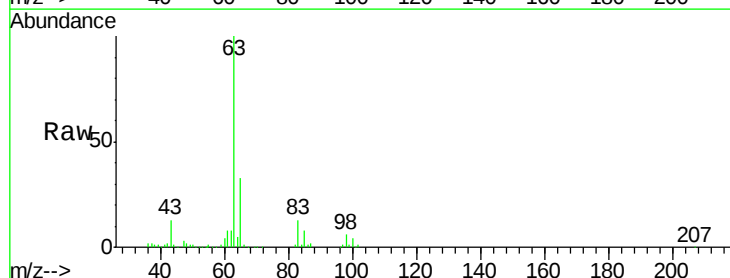
Tgt Ion: 63 Resp: 226838

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

100 3.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

100000

80000

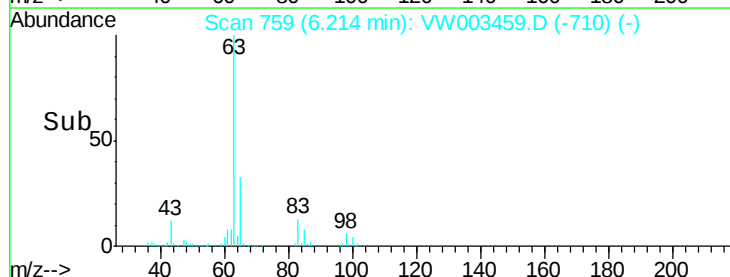
60000

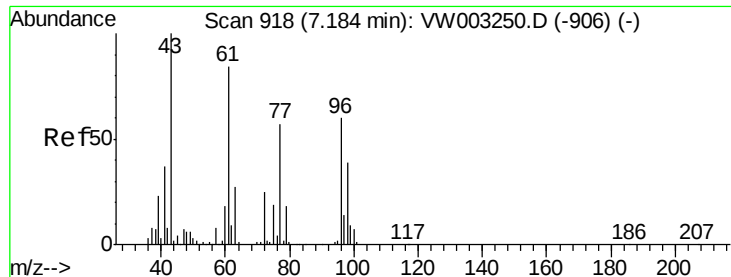
40000

20000

0

Time-->





#25

2-Butanone

Concen: 298.449 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

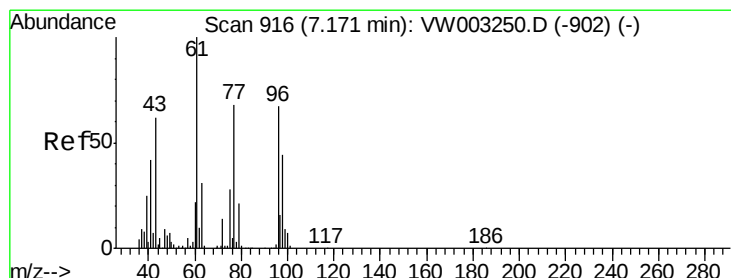
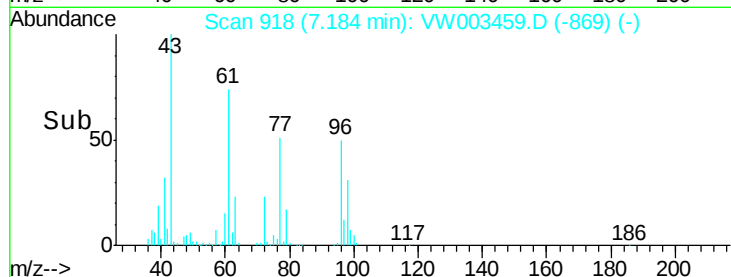
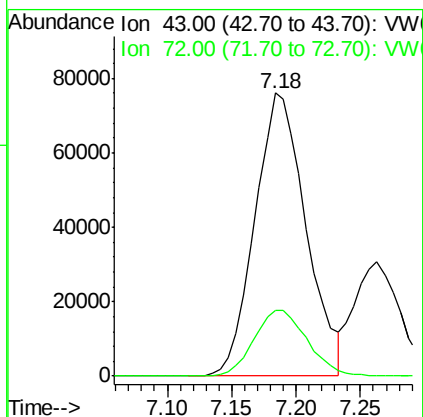
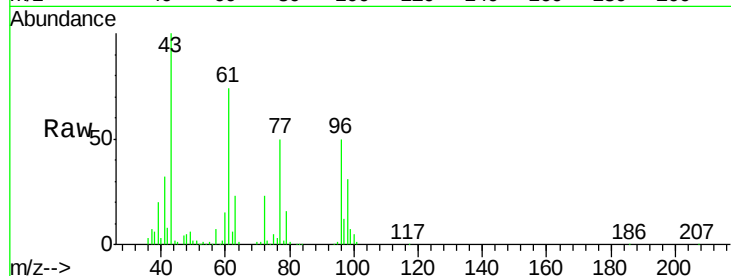
WP021SB482-15-17-180619MS

Tgt Ion: 43 Resp: 209326

Ion Ratio Lower Upper

43 100

72 23.4 20.3 30.5



#26

2,2-Dichloropropane

Concen: 47.278 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003459.D

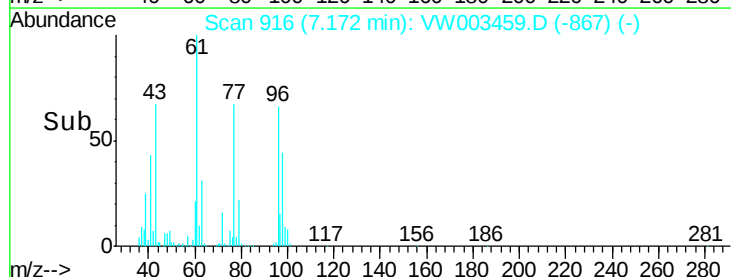
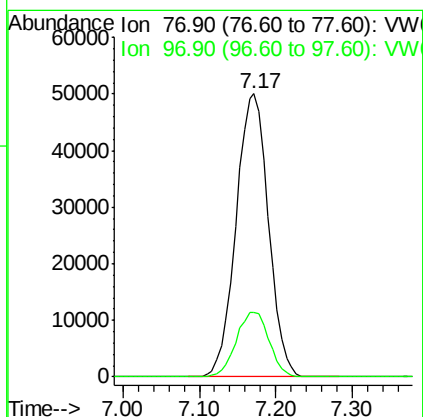
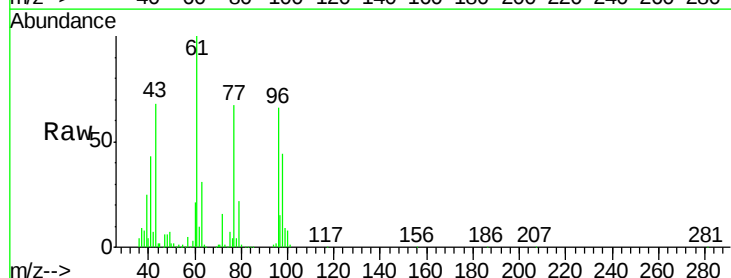
Acq: 23 Jun 2018 14:45

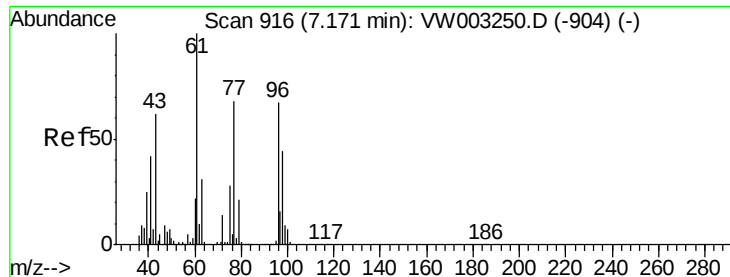
Tgt Ion: 77 Resp: 146773

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9



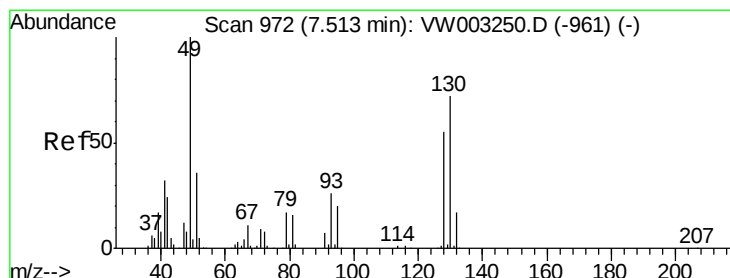
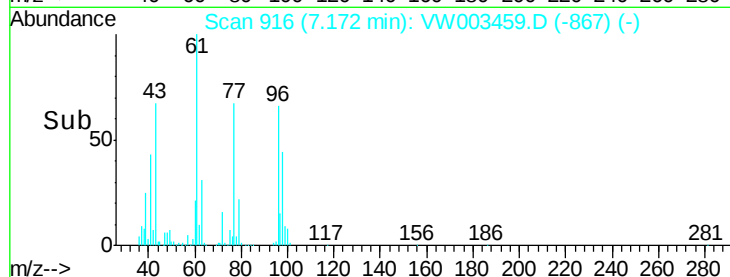
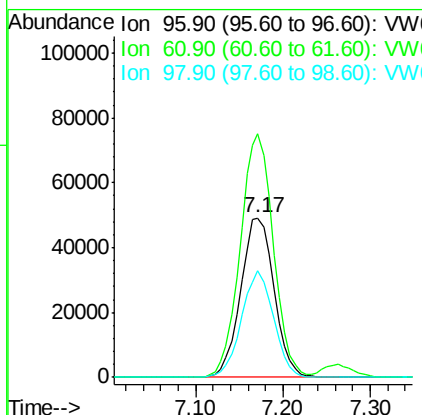
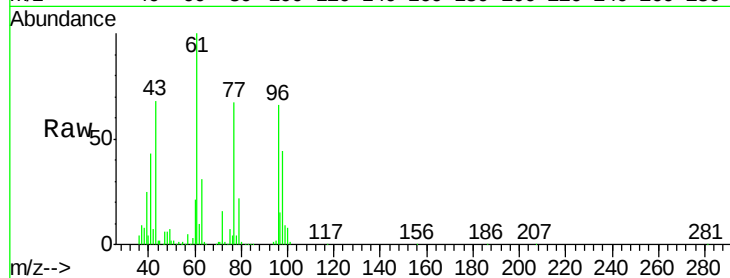


#27

cis-1,2-Dichloroethene
 Concen: 48.538 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

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

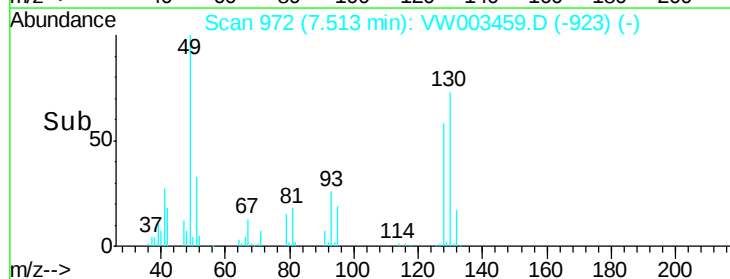
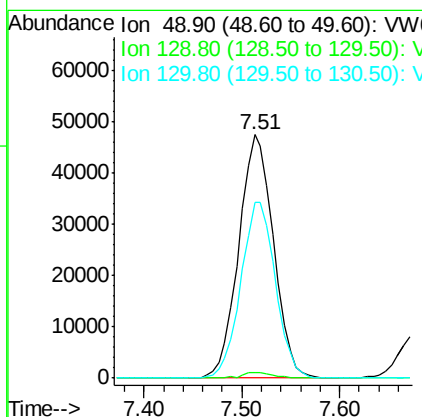
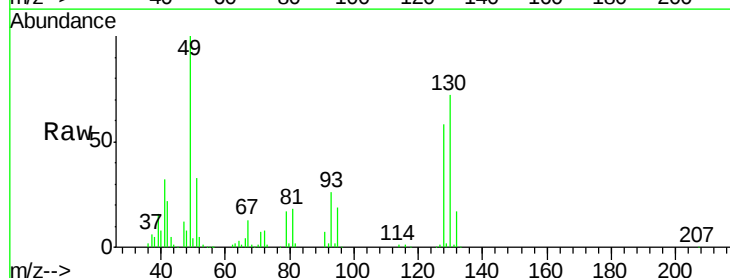
Tgt Ion: 96 Resp: 130432
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 298.8
 98 64.1 0.0 130.4

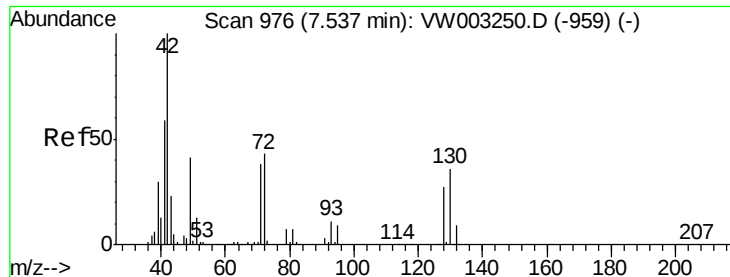


#28

Bromochloromethane
 Concen: 60.315 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 49 Resp: 116753
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 72.3 59.4 89.2

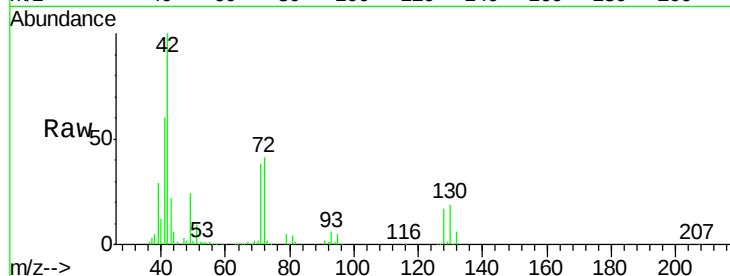




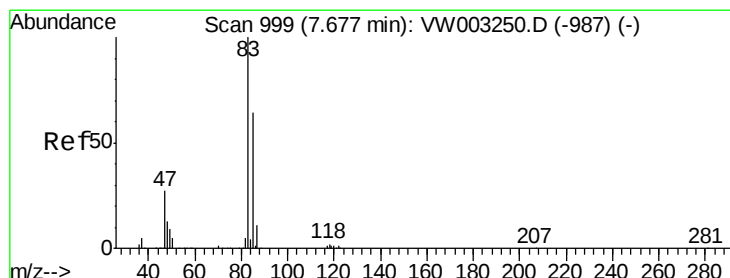
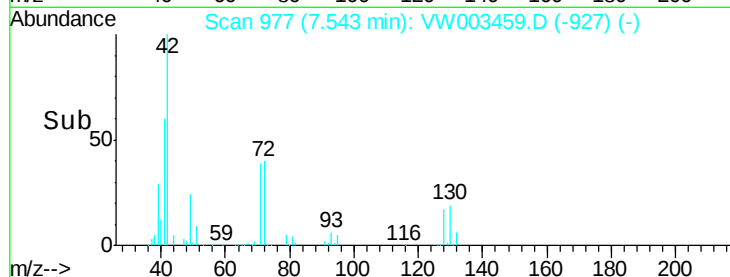
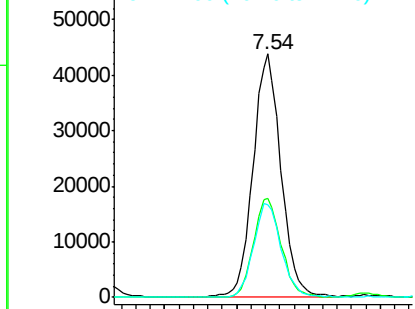
#29
Tetrahydrofuran
Concen: 274.249 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

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

Tgt Ion: 42 Resp: 117559
Ion Ratio Lower Upper
42 100
72 40.3 32.4 48.6
71 38.7 31.2 46.8

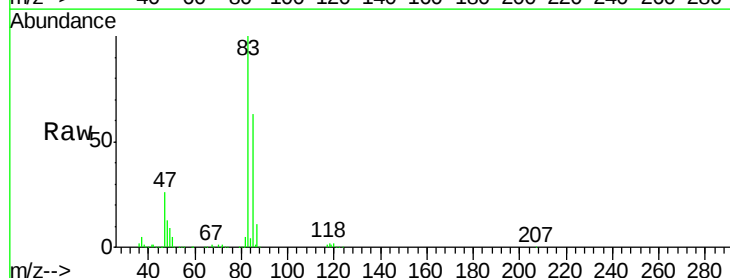


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

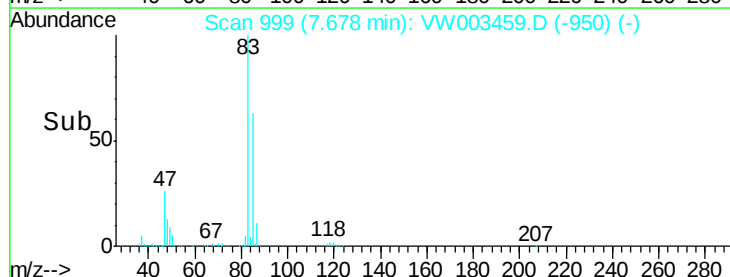
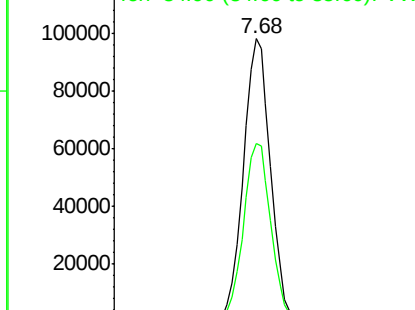


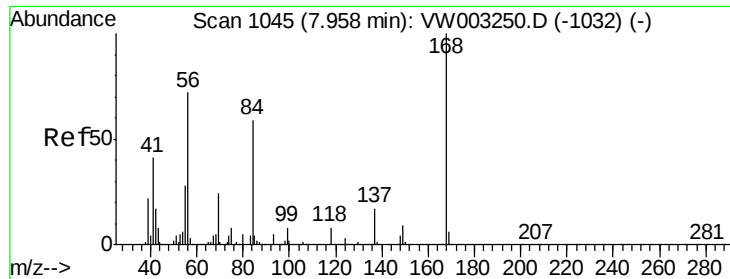
#30
Chloroform
Concen: 49.471 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 83 Resp: 234449
Ion Ratio Lower Upper
83 100
85 63.2 51.3 76.9



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





#31

Cyclohexane

Concen: 45.715 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

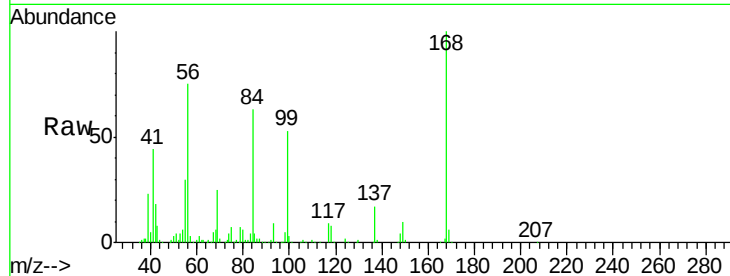
Tgt Ion: 56 Resp: 198668

Ion Ratio Lower Upper

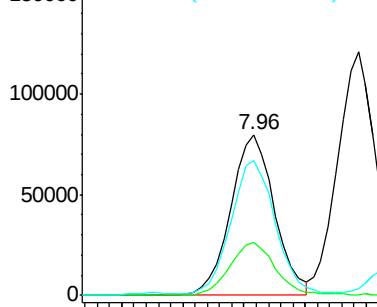
56 100

69 33.0 26.3 39.5

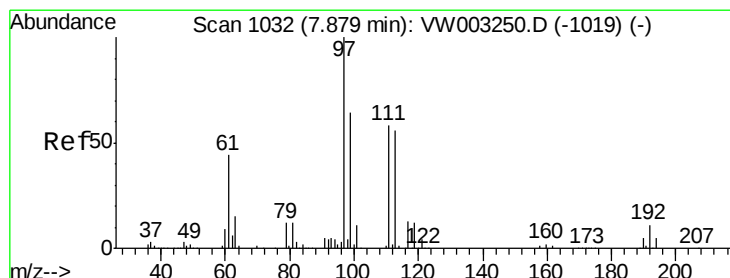
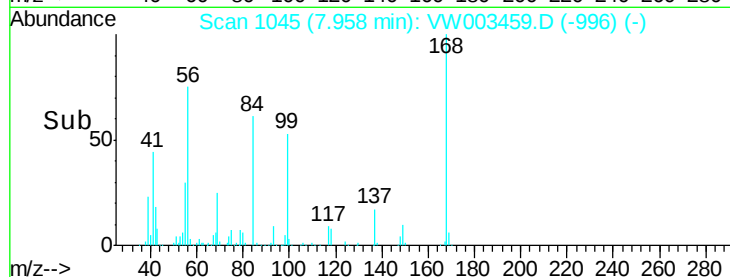
84 82.3 65.7 98.5



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



Time-->



#32

1,1,1-Trichloroethane

Concen: 48.332 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

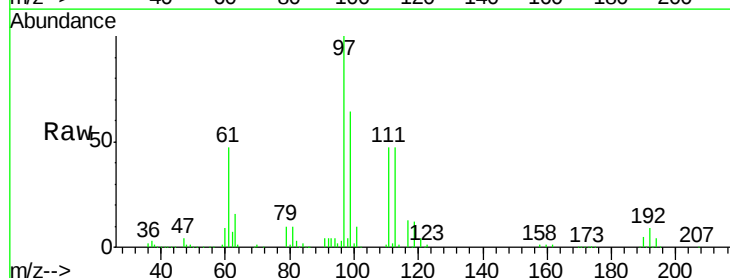
Tgt Ion: 97 Resp: 189063

Ion Ratio Lower Upper

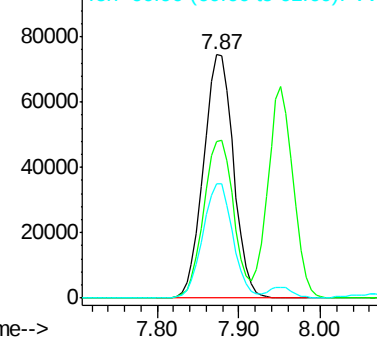
97 100

99 65.3 51.7 77.5

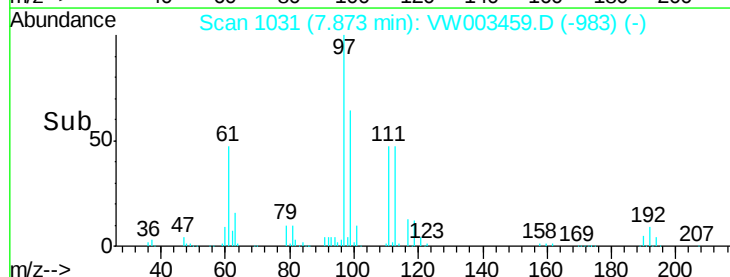
61 47.0 37.6 56.4

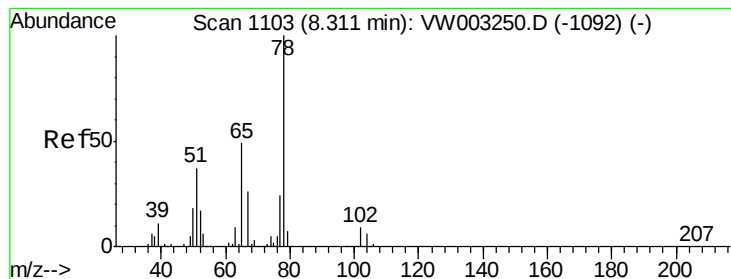


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.752 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

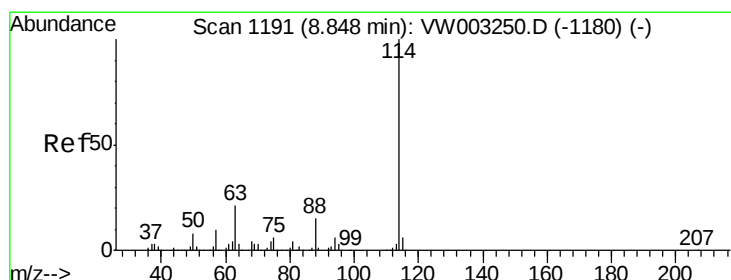
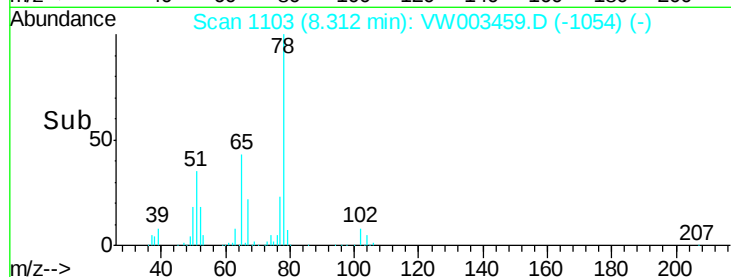
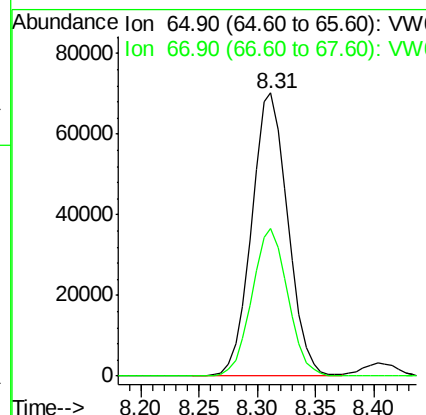
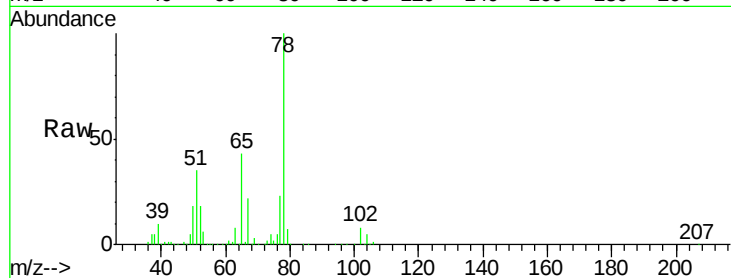
WP021SB482-15-17-180619MS

Tgt Ion: 65 Resp: 152630

Ion Ratio Lower Upper

65 100

67 51.6 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: VW003459.D

Acq: 23 Jun 2018 14:45

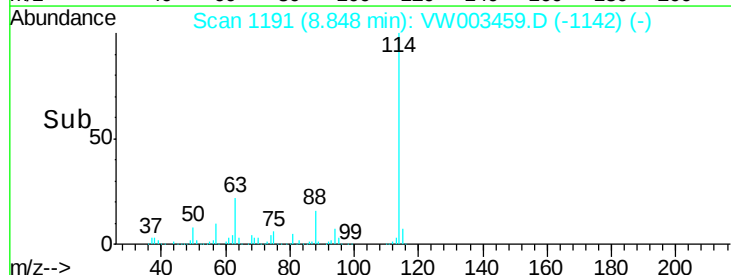
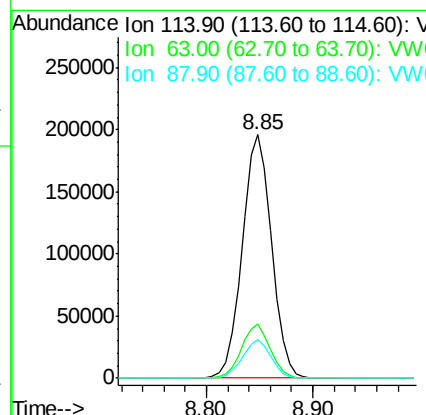
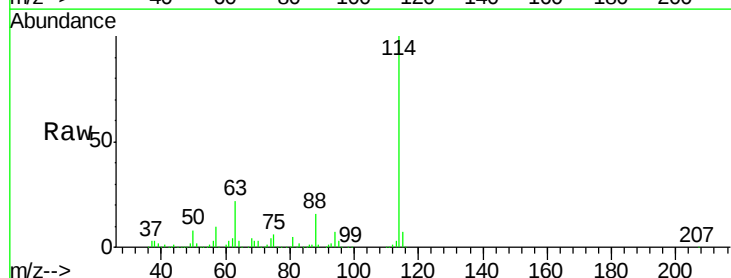
Tgt Ion: 114 Resp: 378270

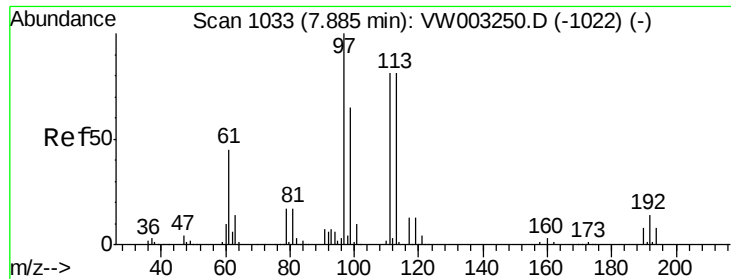
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

88 16.0 0.0 29.6

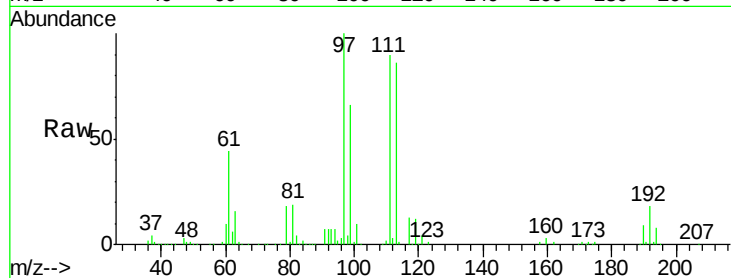




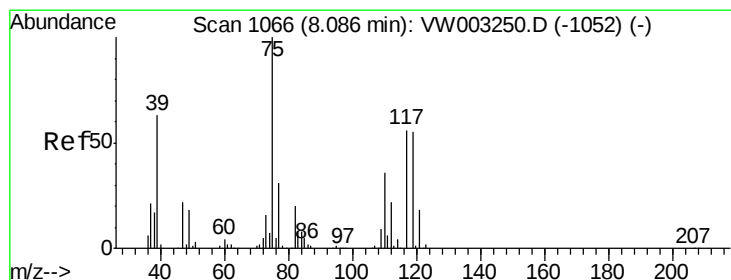
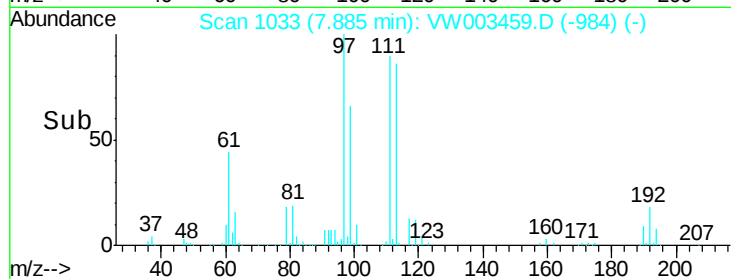
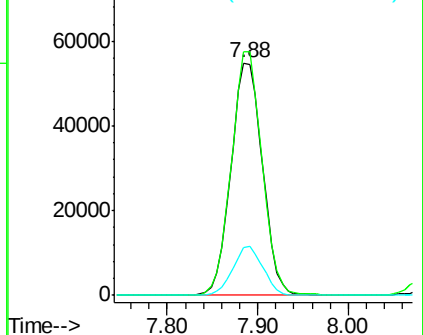
#35
 Dibromofluoromethane
 Concen: 56.228 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

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

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	20.2	16.2	24.2

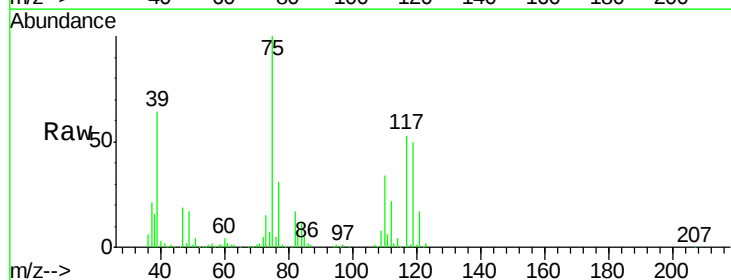


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

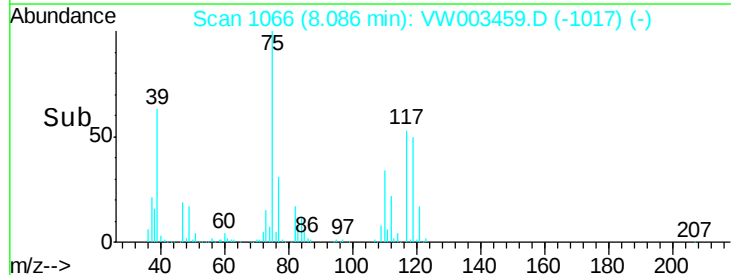
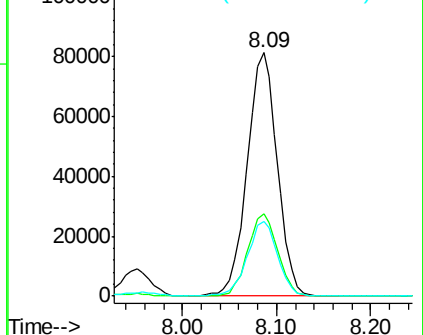


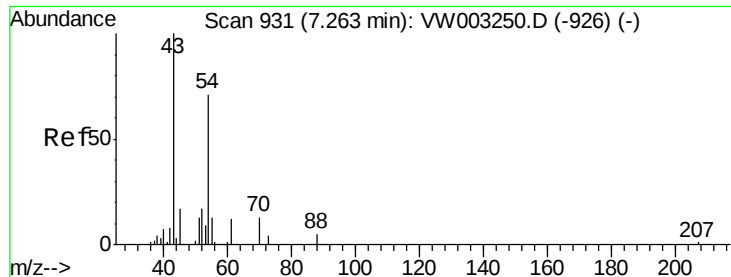
#36
 1,1-Dichloropropene
 Concen: 49.929 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.1	51.3
77	30.9	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

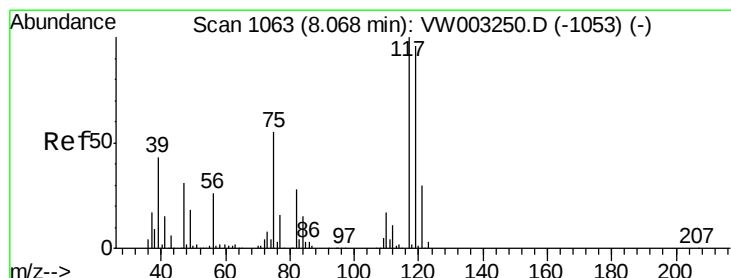
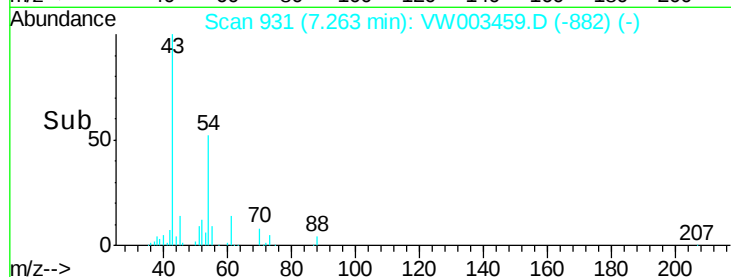
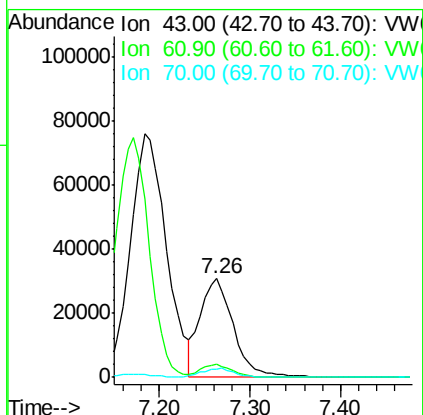
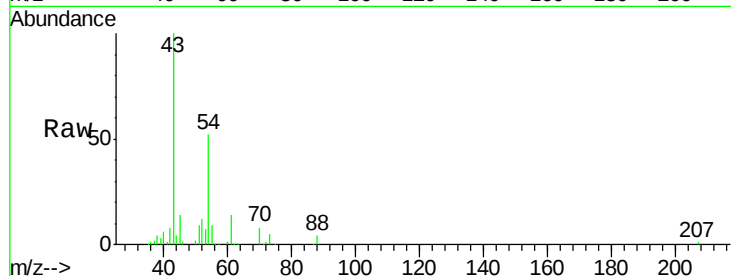




#37
 Ethyl Acetate
 Concen: 51.883 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

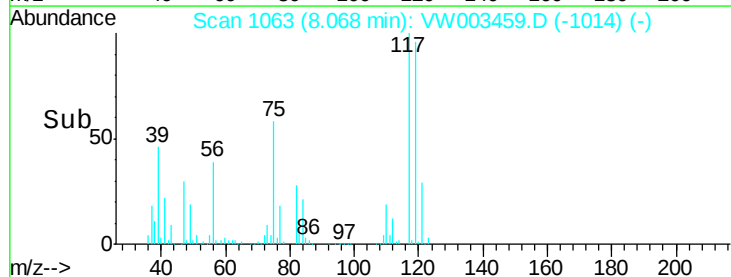
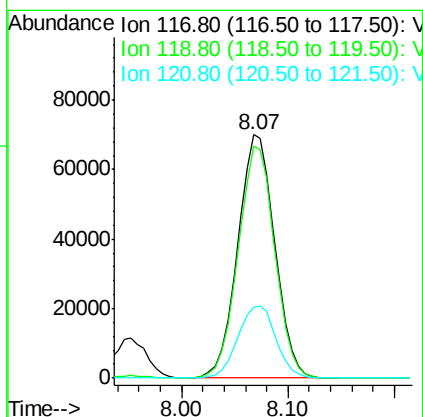
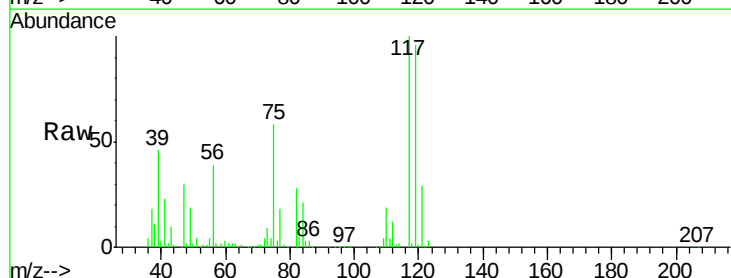
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

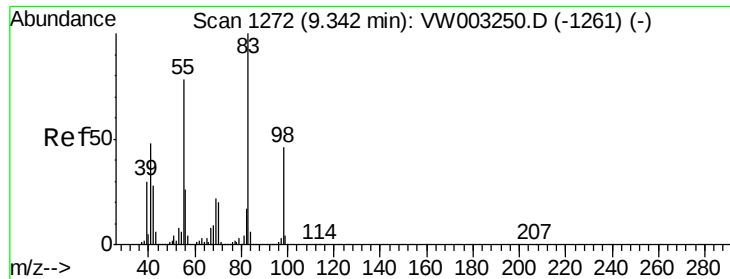
Tgt Ion: 43 Resp: 78520
 Ion Ratio Lower Upper
 43 100
 61 12.6 10.8 16.2
 70 9.2 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 47.528 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 117 Resp: 170310
 Ion Ratio Lower Upper
 117 100
 119 95.5 76.6 115.0
 121 29.2 23.9 35.9

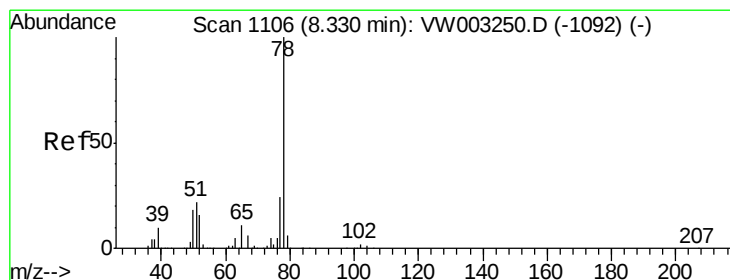
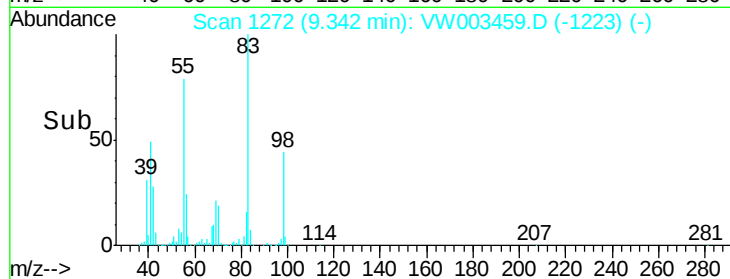
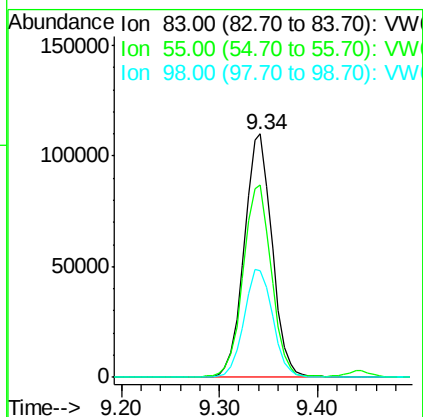
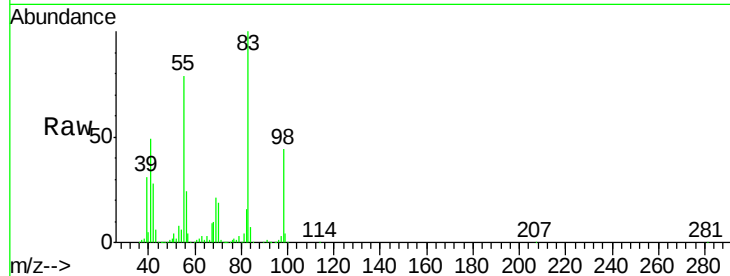




#39
Methylcyclohexane
Concen: 51.358 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

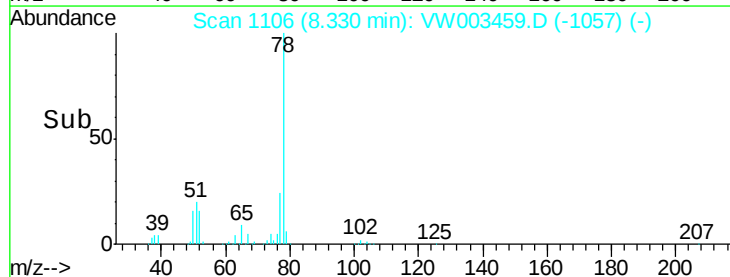
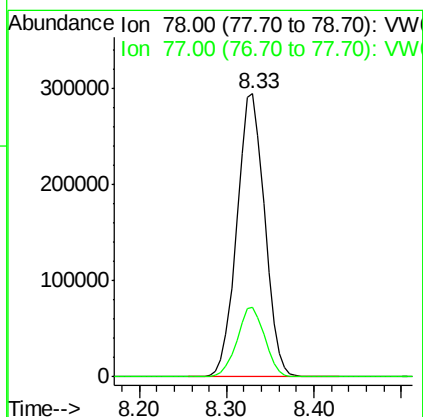
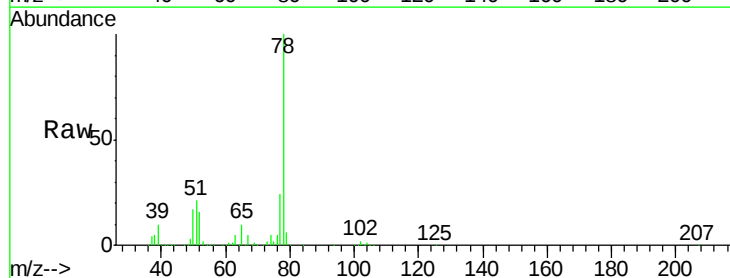
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tgt Ion: 83 Resp: 217088
Ion Ratio Lower Upper
83 100
55 78.8 62.6 93.8
98 43.7 37.0 55.4



#40
Benzene
Concen: 64.483 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 78 Resp: 649313
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





#41

Methacrylonitrile

Concen: 54.575 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tgt Ion: 41 Resp: 50684

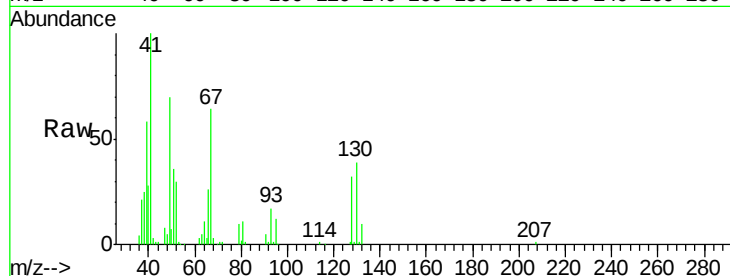
Ion Ratio Lower Upper

41 100

39 54.4 45.8 68.8

67 65.9 52.3 78.5

52 30.0 24.1 36.1

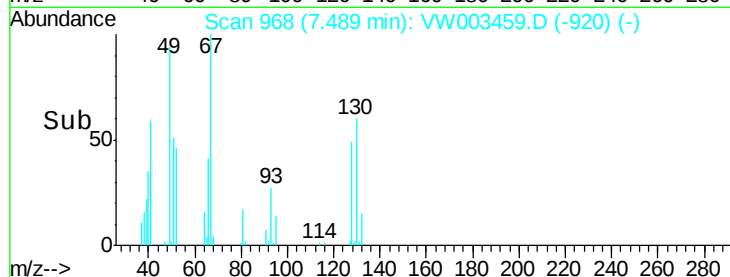
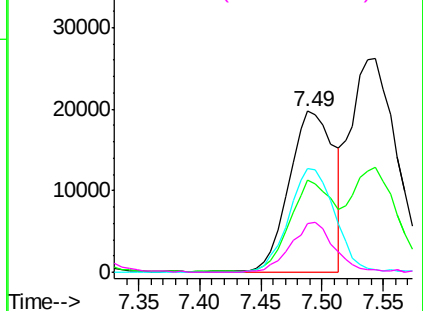


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.802 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003459.D

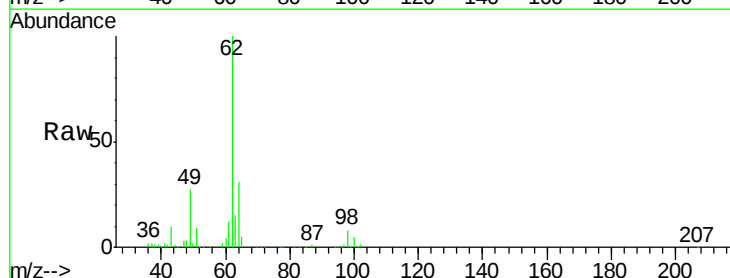
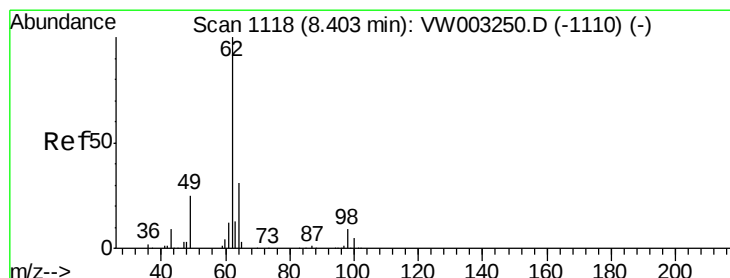
Acq: 23 Jun 2018 14:45

Tgt Ion: 62 Resp: 160271

Ion Ratio Lower Upper

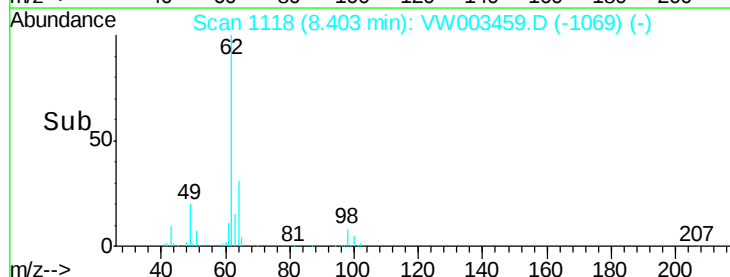
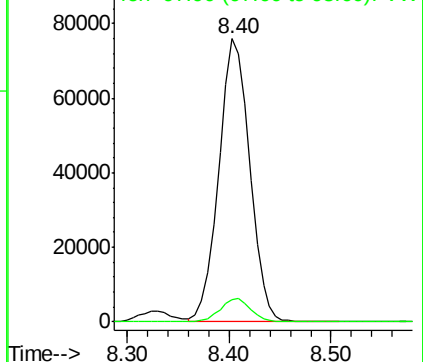
62 100

98 8.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.026 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

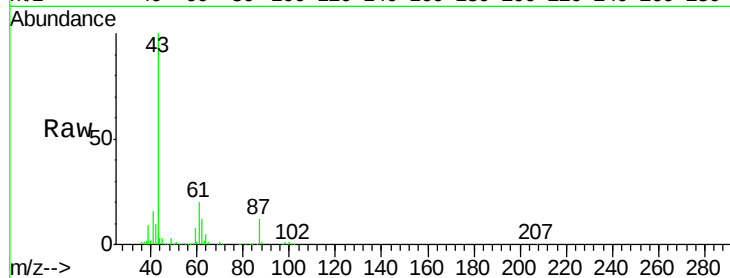
Tgt Ion: 43 Resp: 159344

Ion Ratio Lower Upper

43 100

61 28.9 23.1 34.7

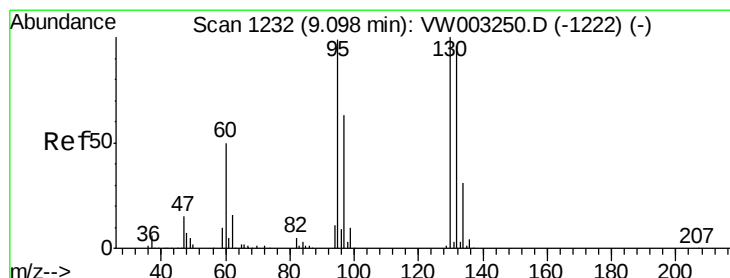
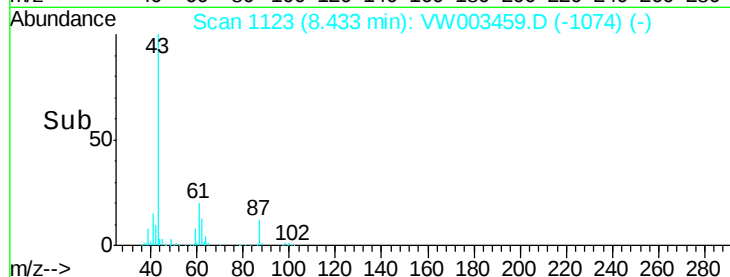
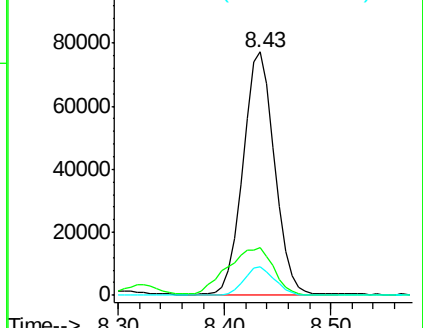
87 11.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.775 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003459.D

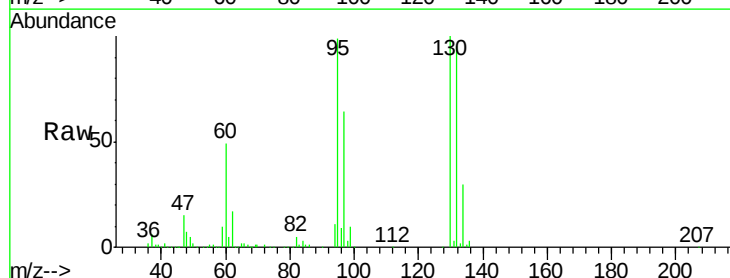
Acq: 23 Jun 2018 14:45

Tgt Ion: 130 Resp: 132811

Ion Ratio Lower Upper

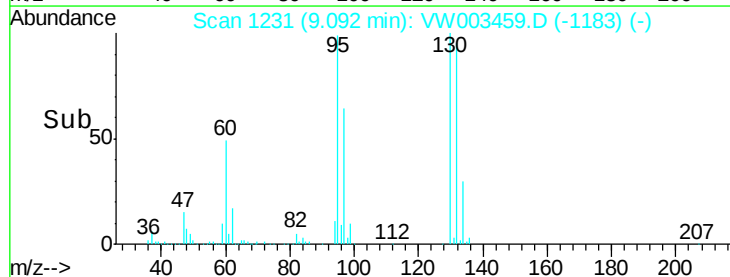
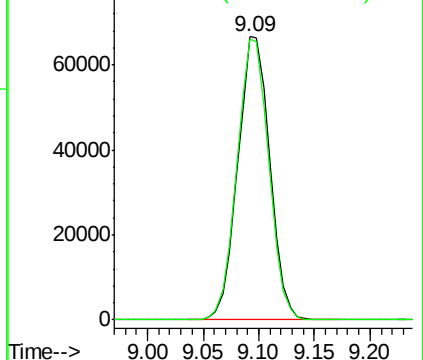
130 100

95 99.1 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.867 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

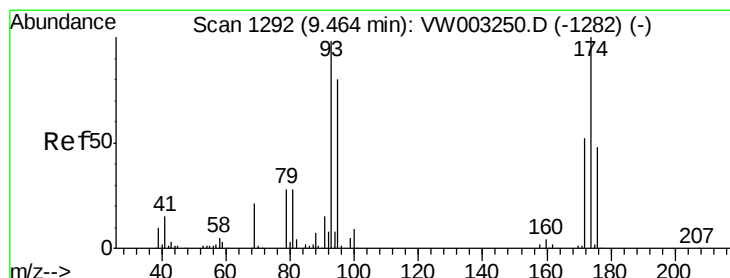
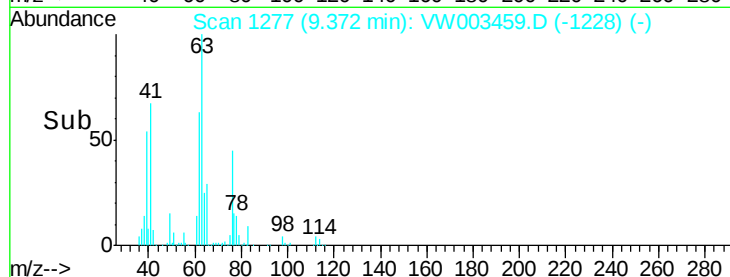
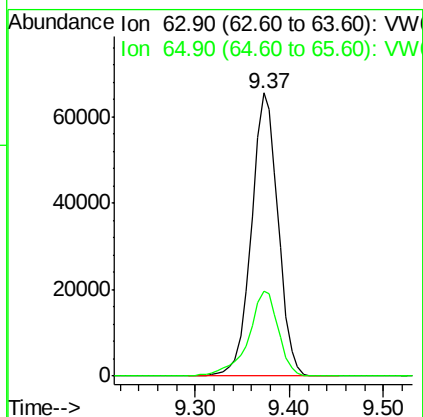
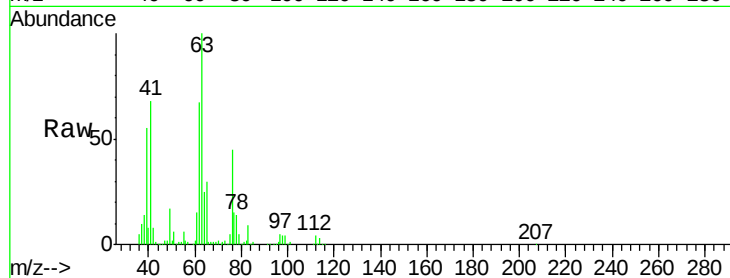
WP021SB482-15-17-180619MS

Tgt Ion: 63 Resp: 130415

Ion Ratio Lower Upper

63 100

65 29.9 25.1 37.7



#46

Dibromomethane

Concen: 52.708 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

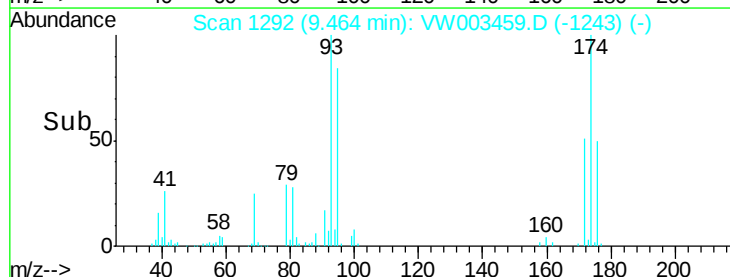
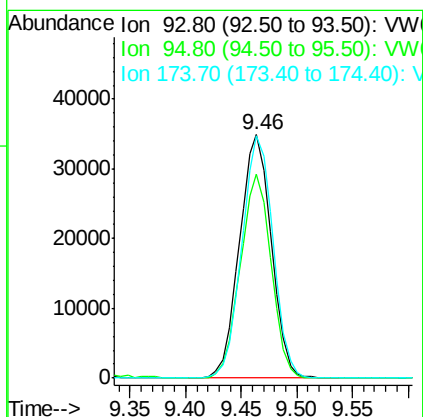
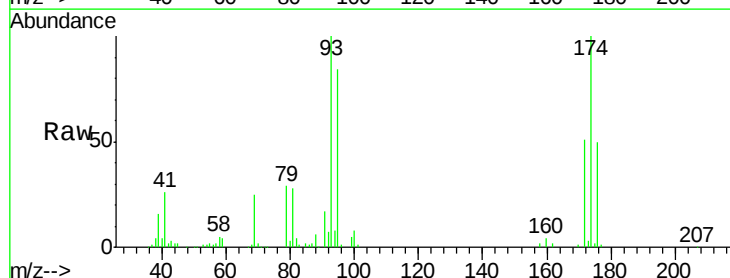
Tgt Ion: 93 Resp: 69186

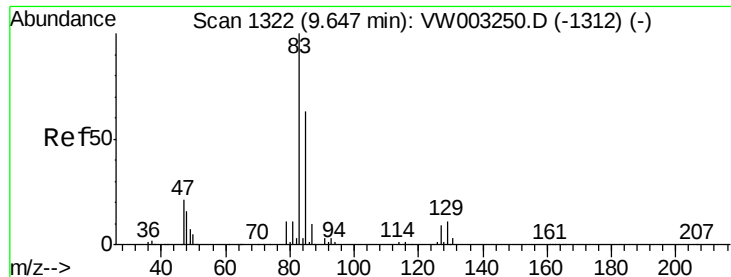
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 97.8 81.4 122.0

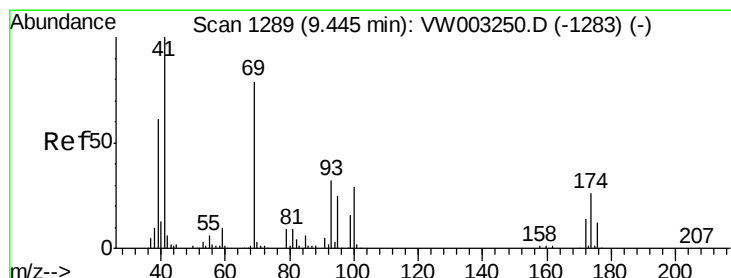
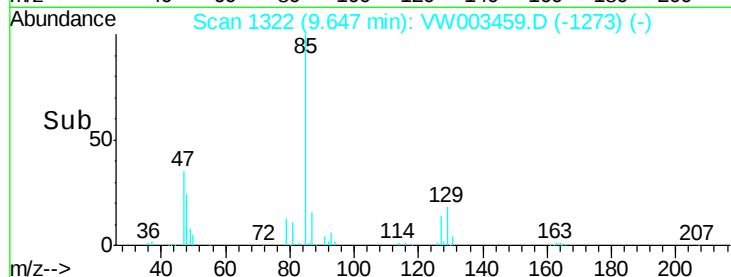
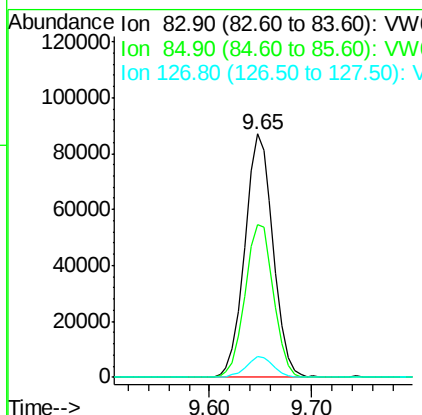
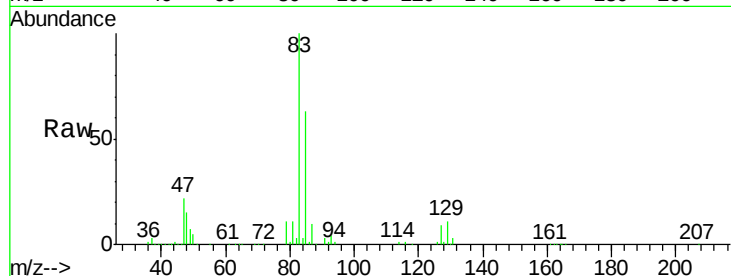




#47
 Bromodichloromethane
 Concen: 49.701 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

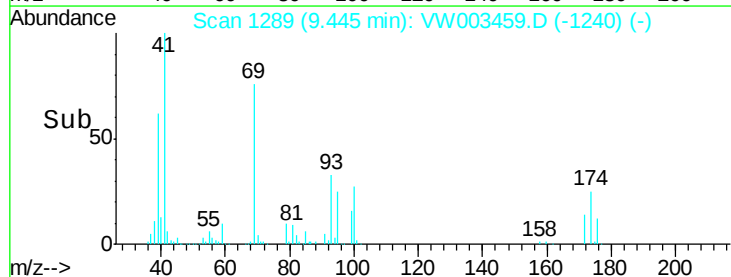
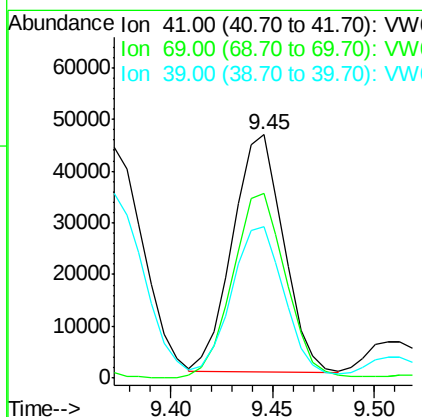
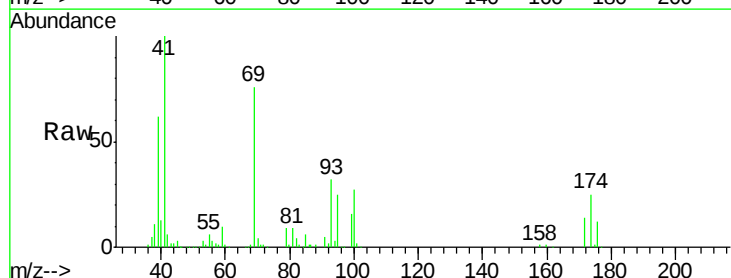
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

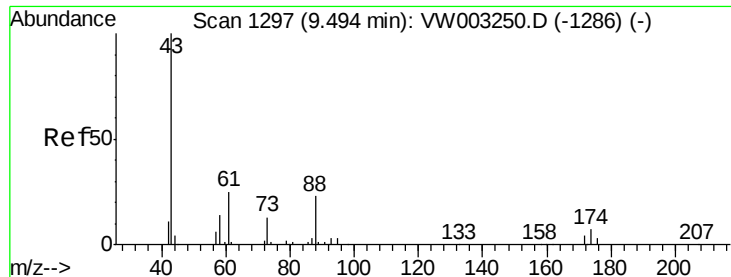
Tgt Ion: 83 Resp: 167226
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.6 75.8
 127 8.5 6.8 10.2



#48
 Methyl methacrylate
 Concen: 56.030 ug/l
 RT: 9.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 41 Resp: 79127
 Ion Ratio Lower Upper
 41 100
 69 82.4 65.4 98.2
 39 67.3 54.2 81.2

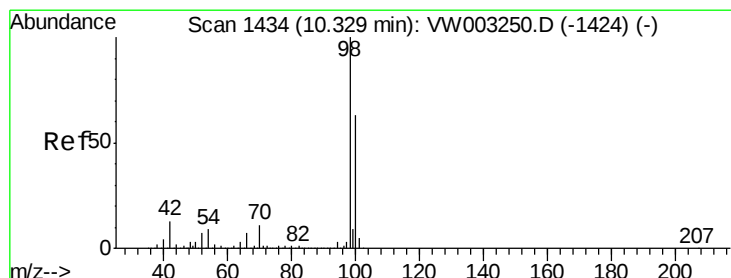
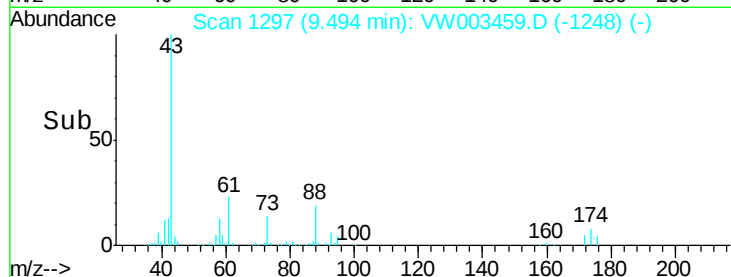
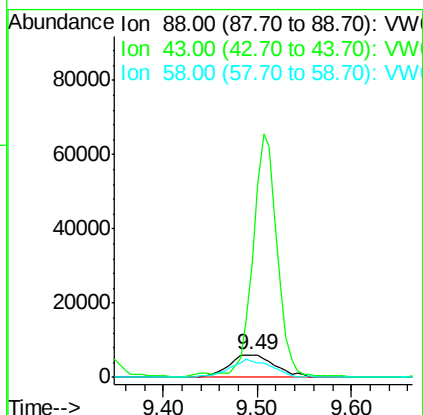
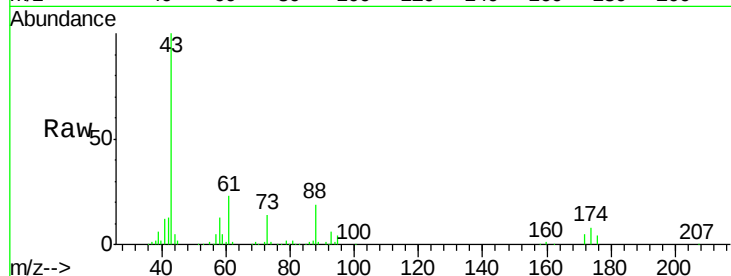




#49
1,4-Dioxane
Concen: 1041.610 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

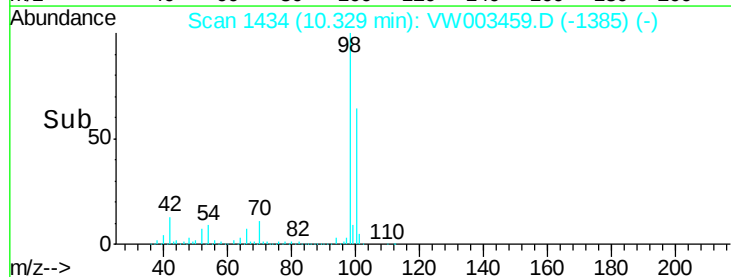
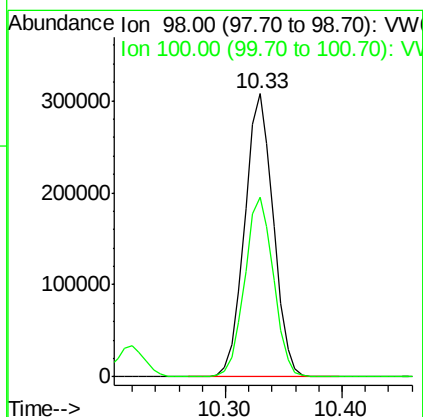
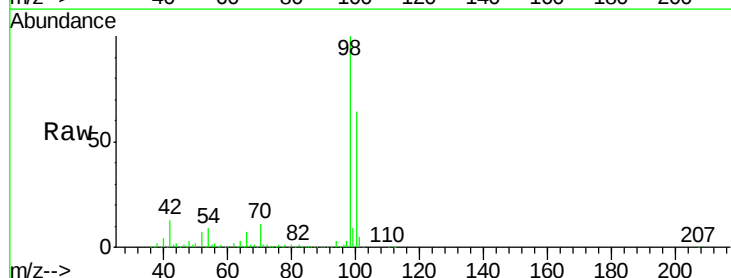
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

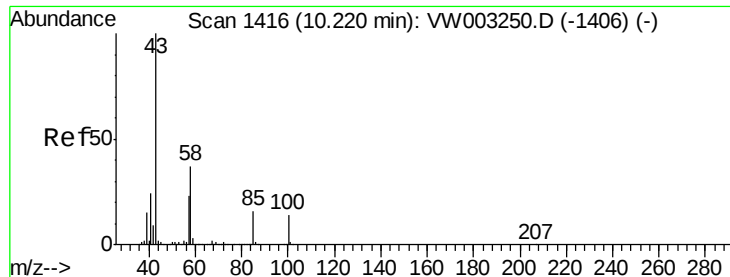
Tgt Ion: 88 Resp: 20644
Ion Ratio Lower Upper
88 100
43 560.4 454.7 682.1
58 75.5 58.6 88.0



#50
Toluene-d8
Concen: 56.631 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 98 Resp: 527804
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2

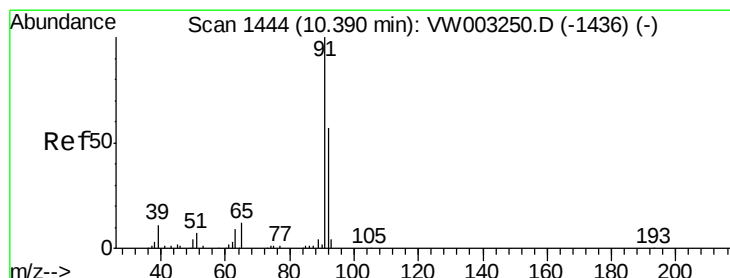
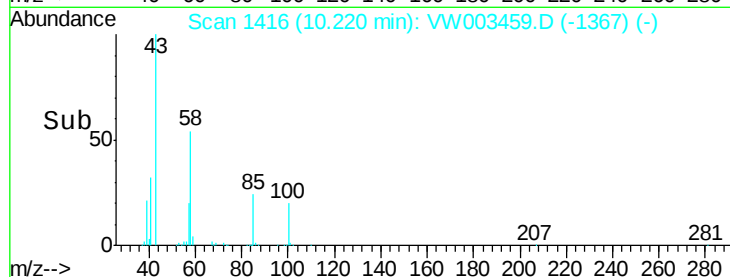
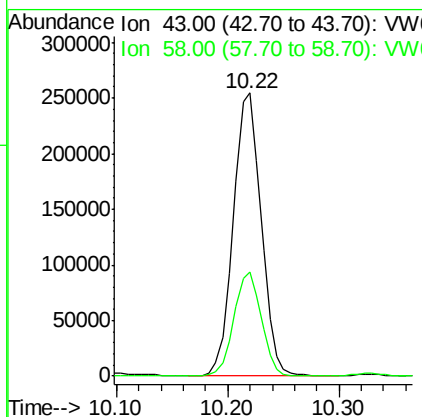
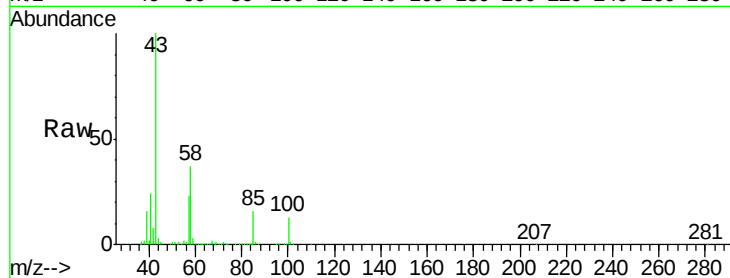




#51
 4-Methyl-2-Pentanone
 Concen: 288.583 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

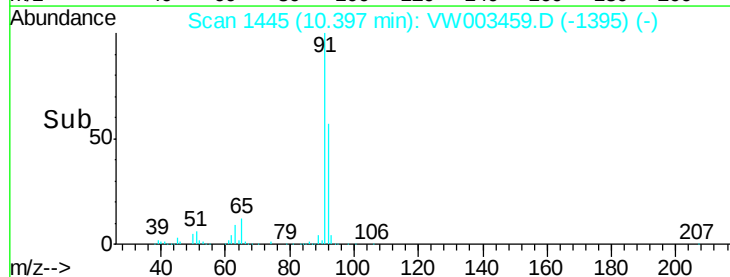
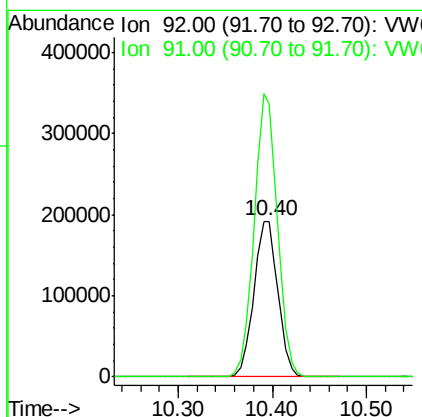
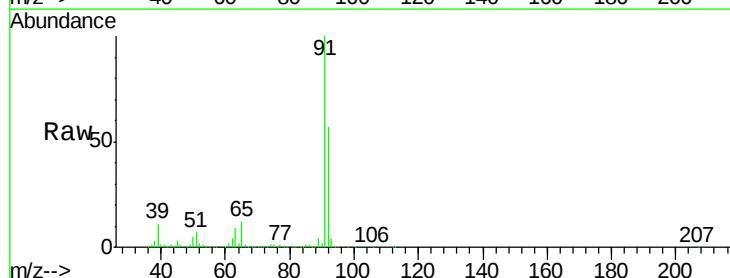
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

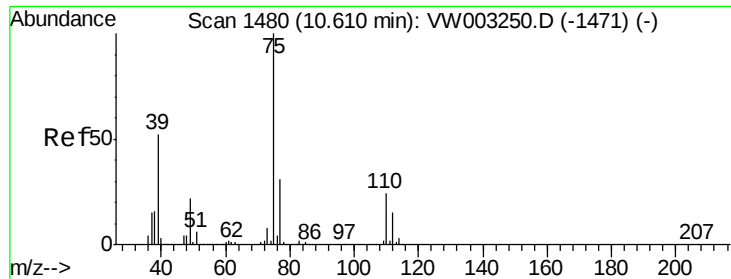
Tgt Ion: 43 Resp: 441886
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.4



#52
 Toluene
 Concen: 53.312 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 92 Resp: 344249
 Ion Ratio Lower Upper
 92 100
 91 176.7 141.1 211.7

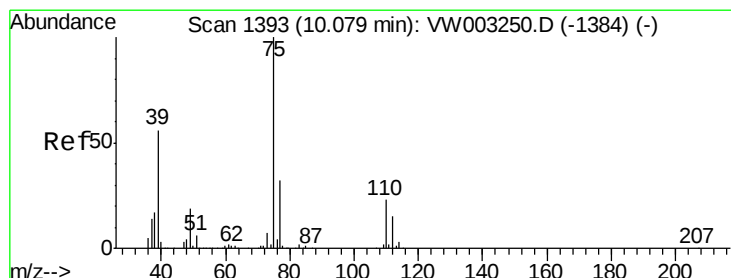
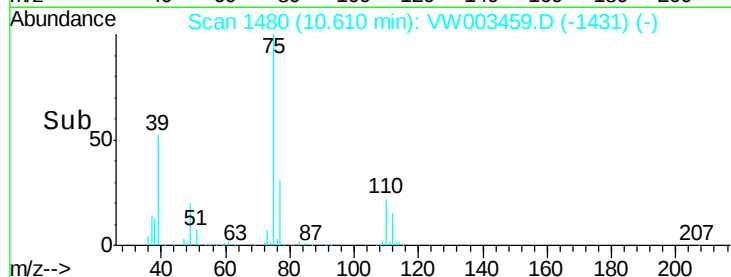
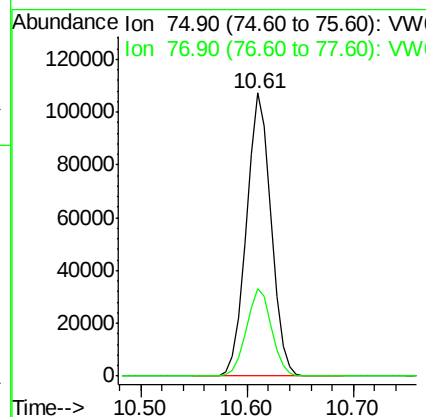
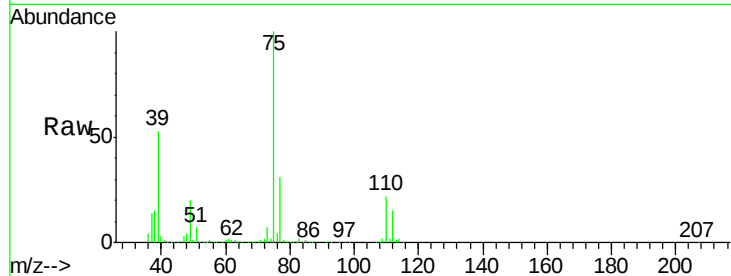




#53
 t-1,3-Dichloropropene
 Concen: 50.741 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

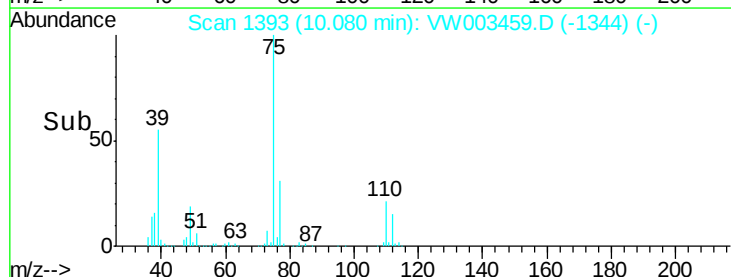
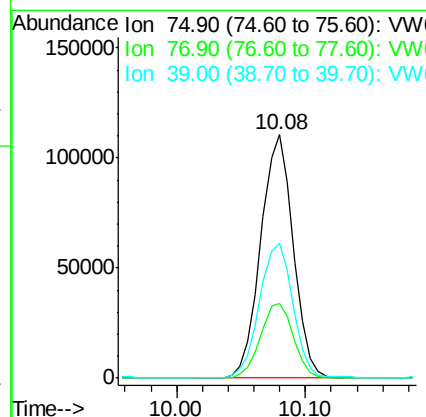
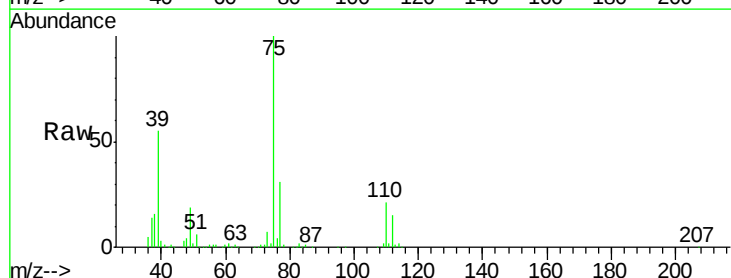
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

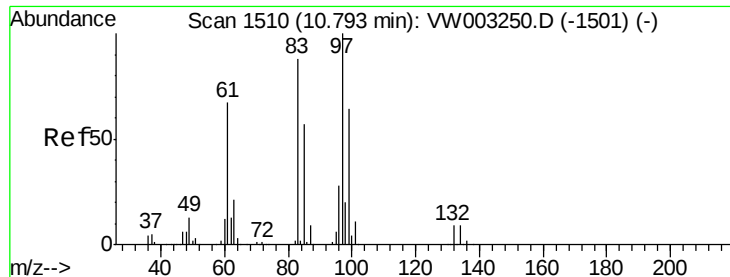
Tgt Ion: 75 Resp: 174396
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.246 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 75 Resp: 192647
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6
 39 55.1 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 52.522 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tgt Ion: 97 Resp: 97150

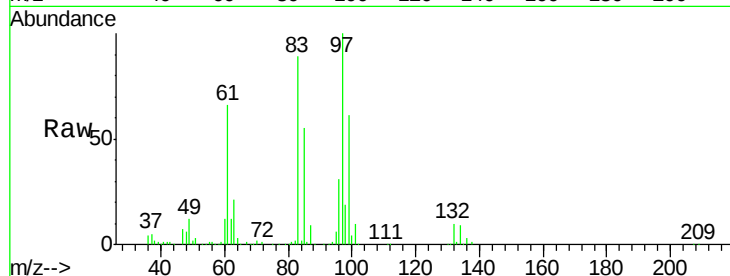
Ion Ratio Lower Upper

97 100

83 88.7 70.2 105.2

85 55.5 45.6 68.4

99 61.1 51.2 76.8

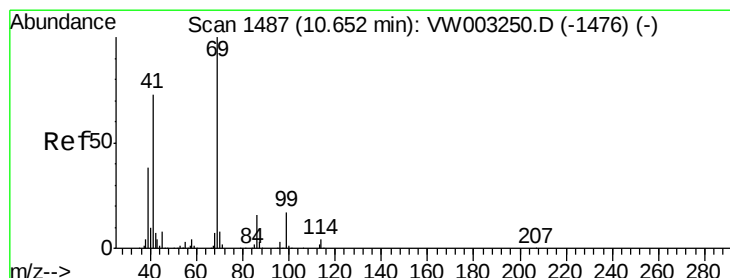
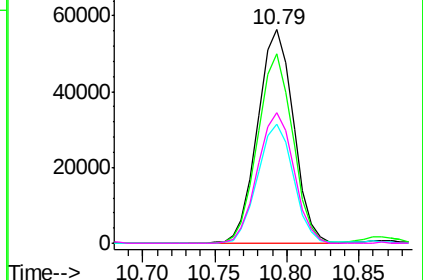
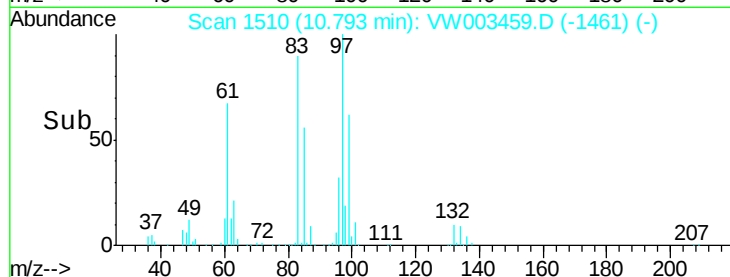


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 53.938 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

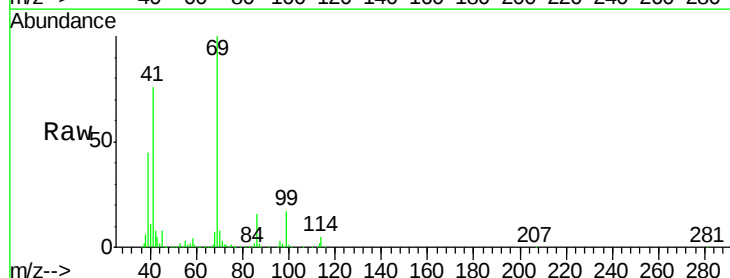
Tgt Ion: 69 Resp: 121152

Ion Ratio Lower Upper

69 100

41 76.0 57.8 86.6

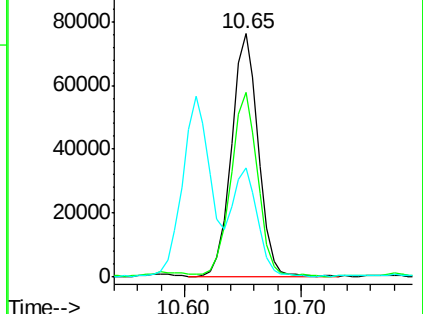
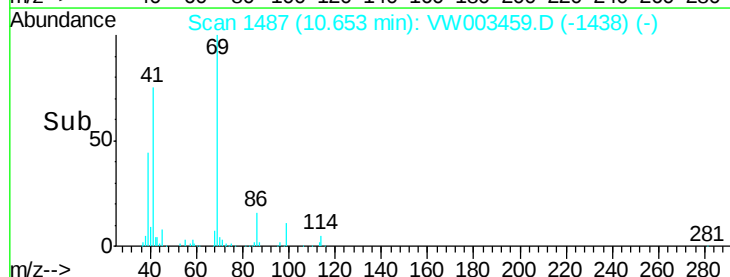
39 41.2 32.7 49.1

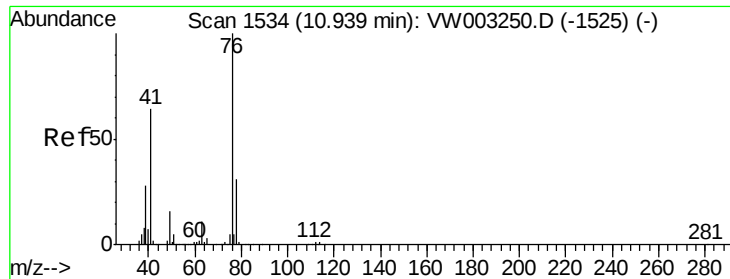


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

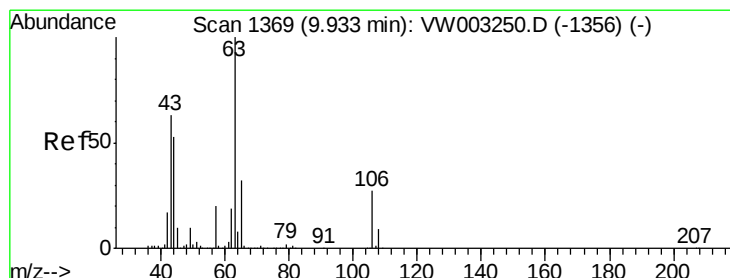
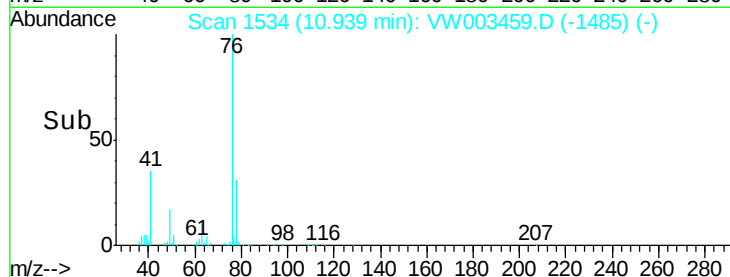
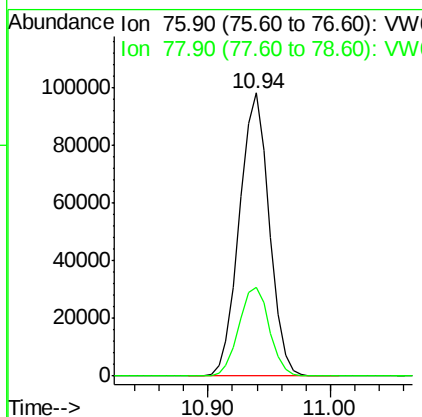
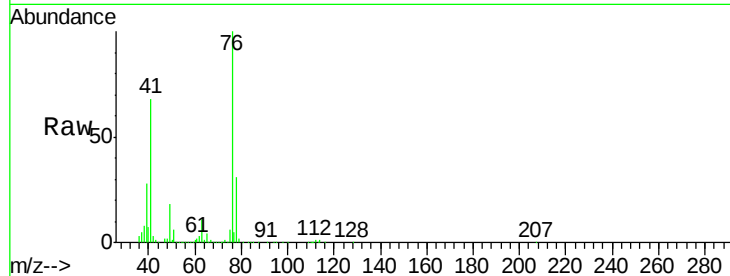




#57
 1,3-Dichloropropane
 Concen: 52.082 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

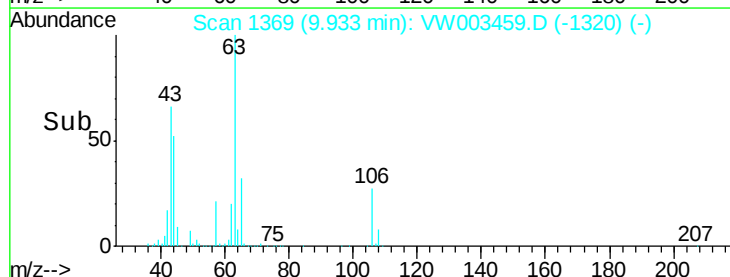
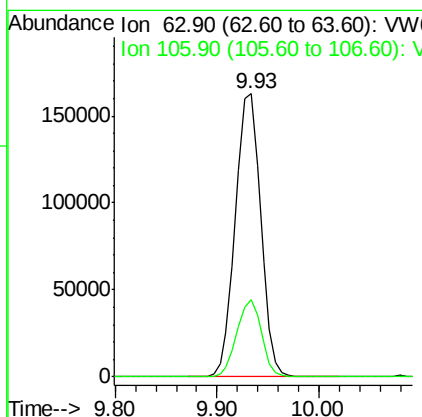
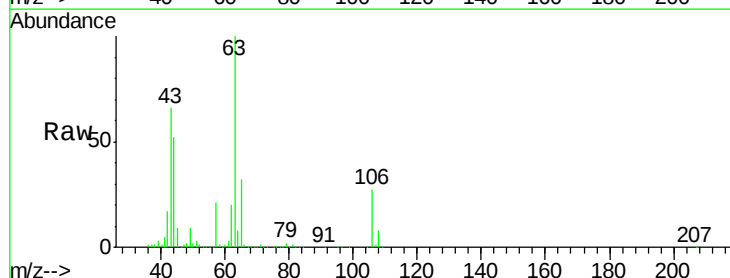
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

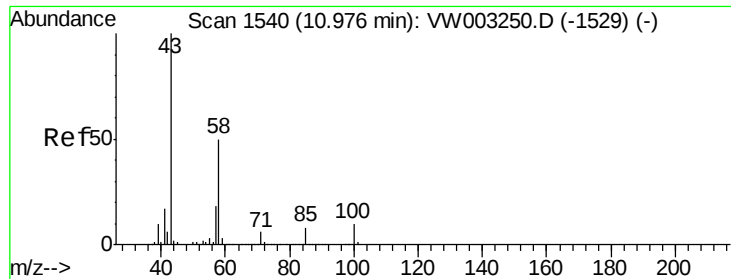
Tgt Ion: 76 Resp: 166151
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.860 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 63 Resp: 280782
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.8 32.8

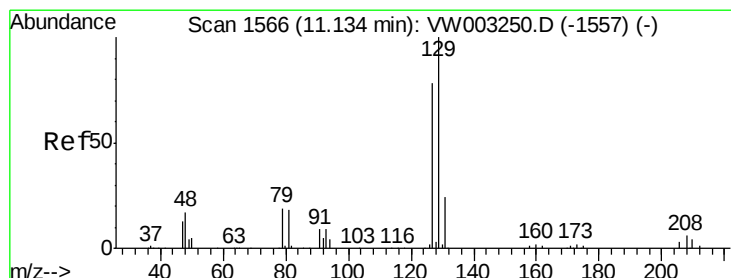
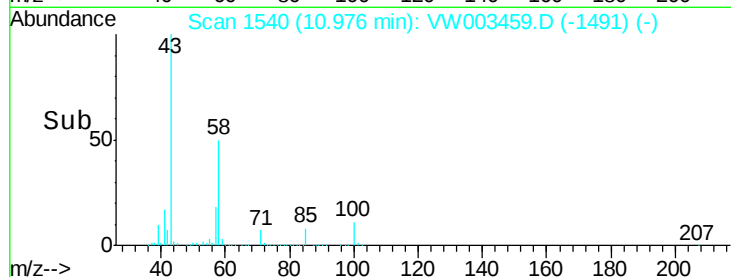
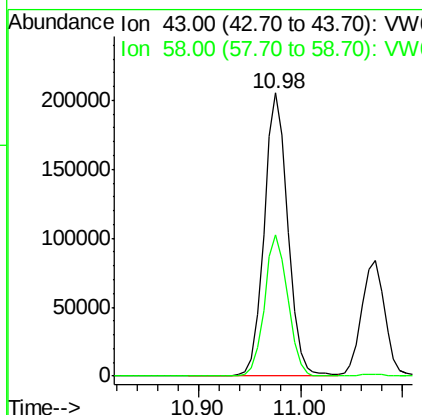
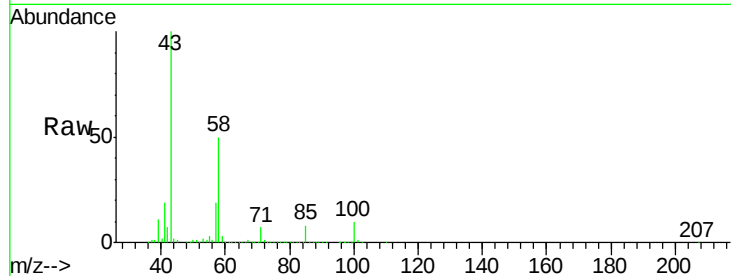




#59
2-Hexanone
Concen: 308.087 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

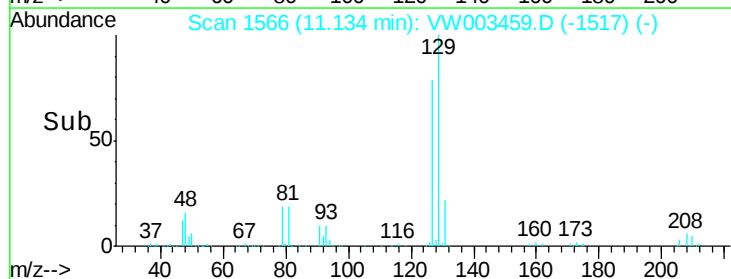
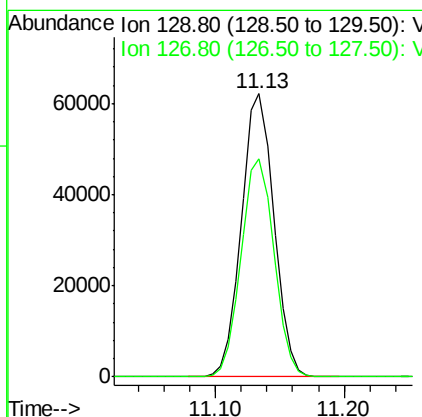
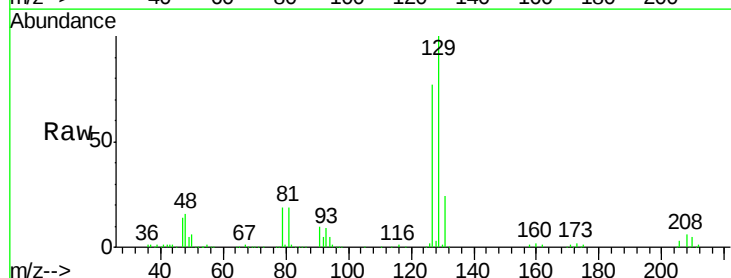
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

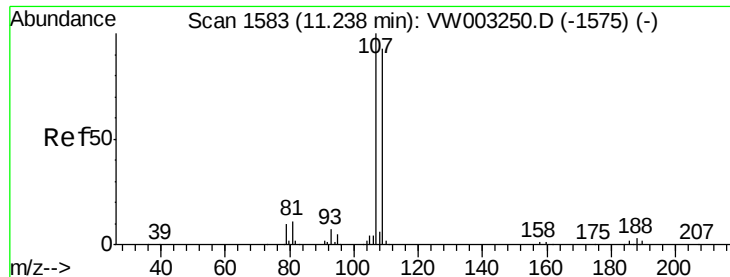
Tgt Ion: 43 Resp: 329560
Ion Ratio Lower Upper
43 100
58 49.2 25.0 75.0



#60
Dibromochloromethane
Concen: 49.300 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 129 Resp: 108443
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5

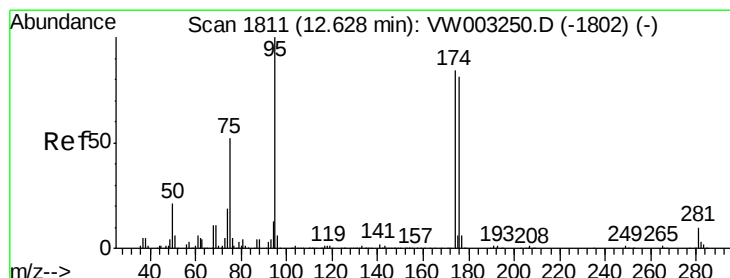
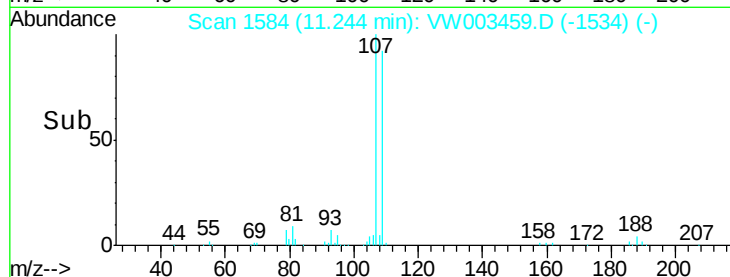
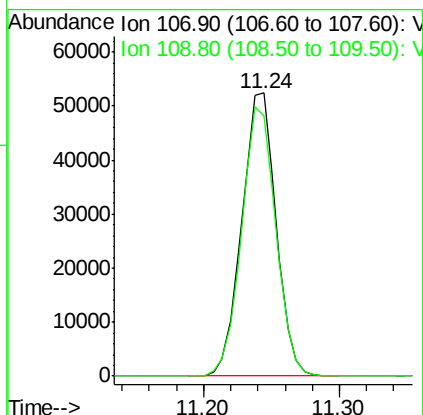
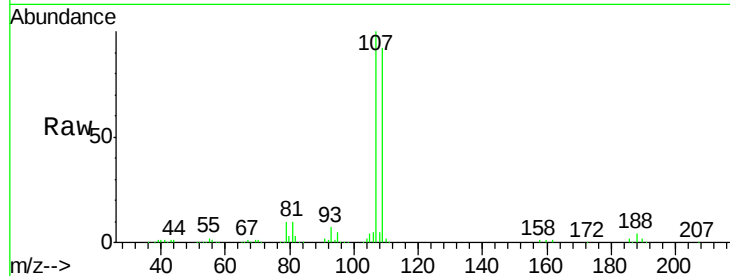




#61
 1,2-Dibromoethane
 Concen: 52.870 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

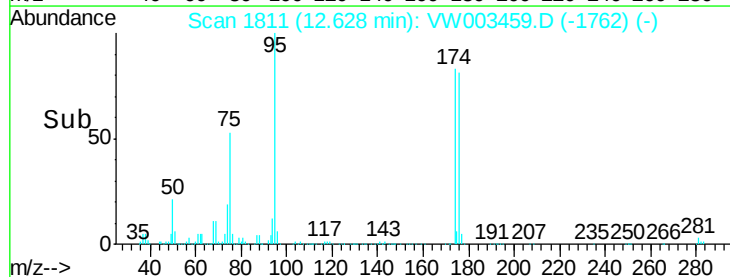
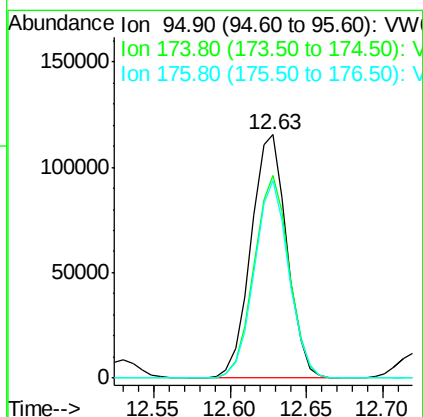
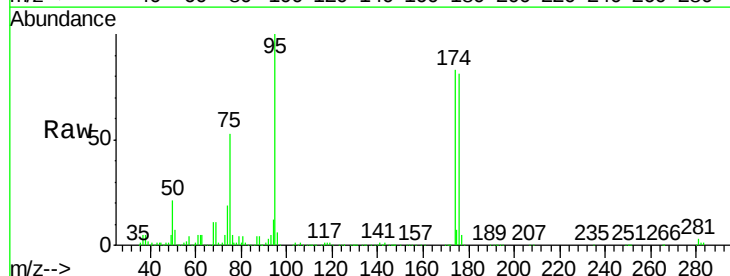
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

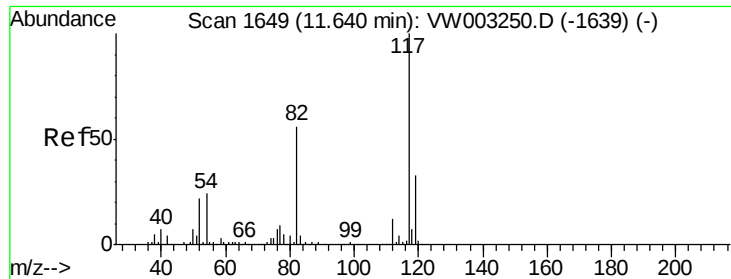
Tgt Ion: 107 Resp: 92504
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 57.059 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 95 Resp: 188197
 Ion Ratio Lower Upper
 95 100
 174 81.6 0.0 166.4
 176 78.2 0.0 162.0

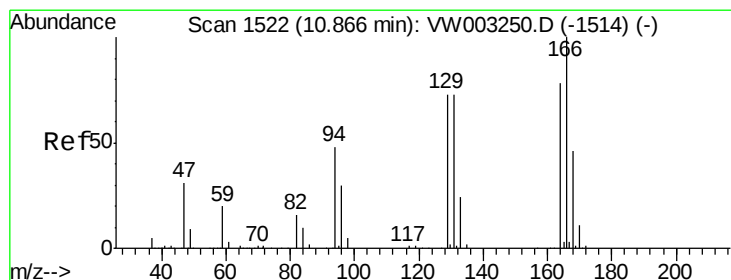
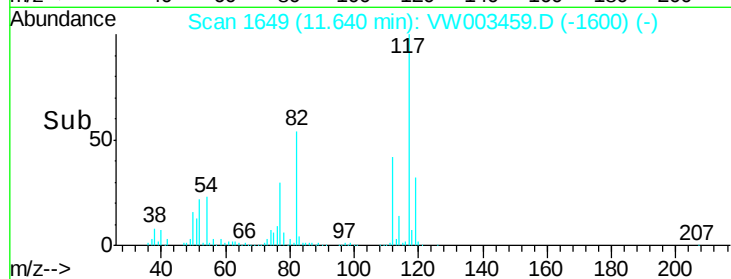
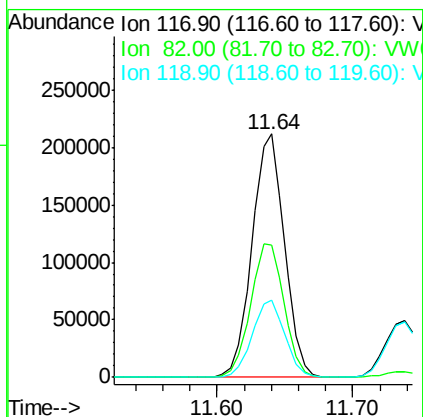
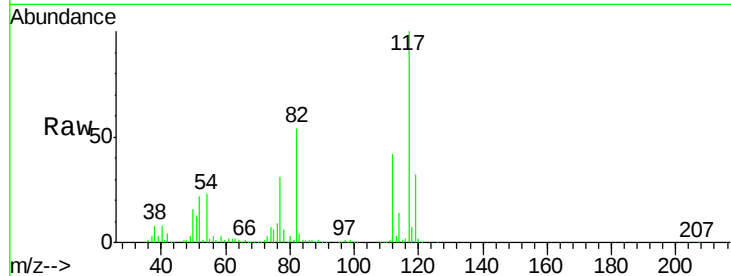




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

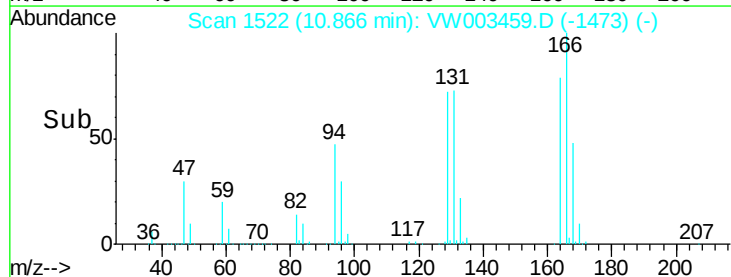
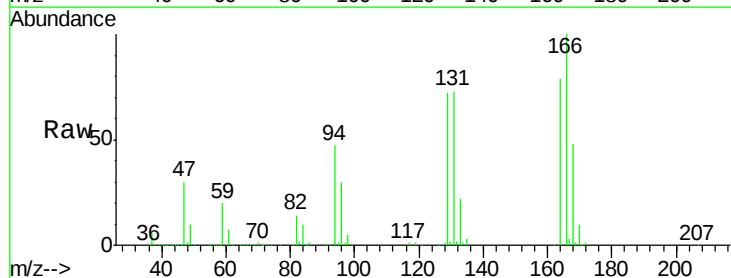
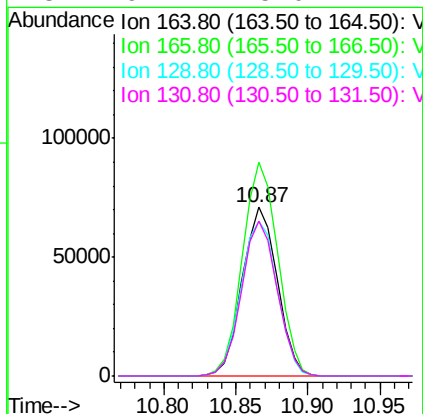
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

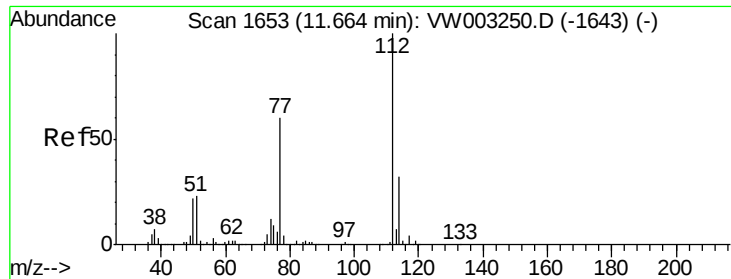
Tgt Ion:117 Resp: 354216
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 31.6 26.7 40.1



#64
Tetrachloroethene
Concen: 50.562 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion:164 Resp: 119790
Ion Ratio Lower Upper
164 100
166 126.4 102.6 154.0
129 91.5 75.2 112.8
131 91.7 75.0 112.4

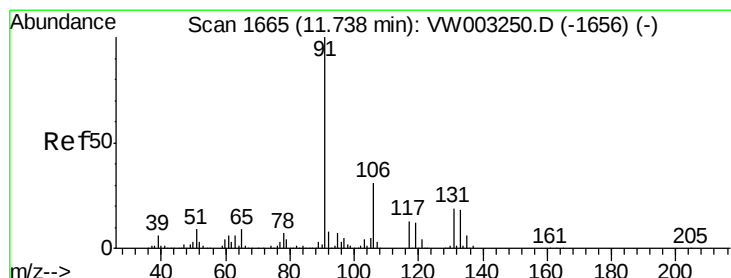
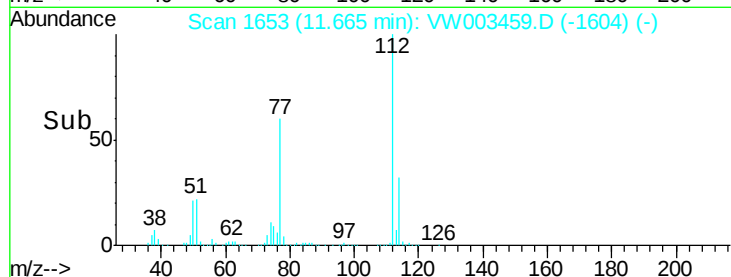
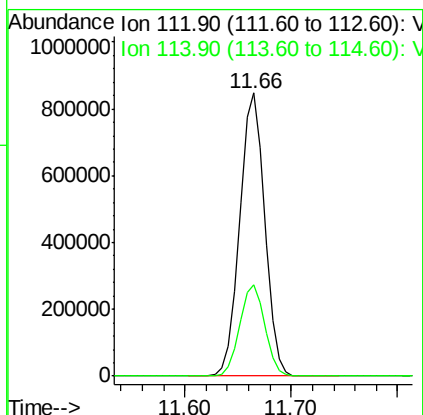
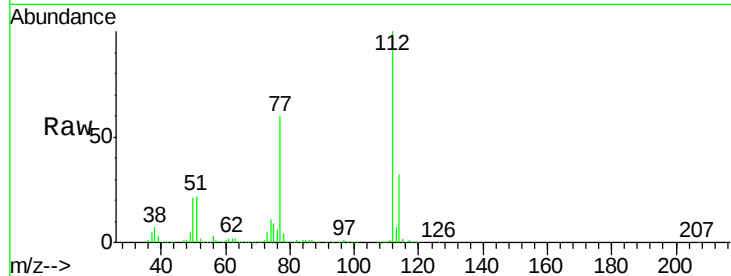




#65
Chlorobenzene
Concen: 189.671 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

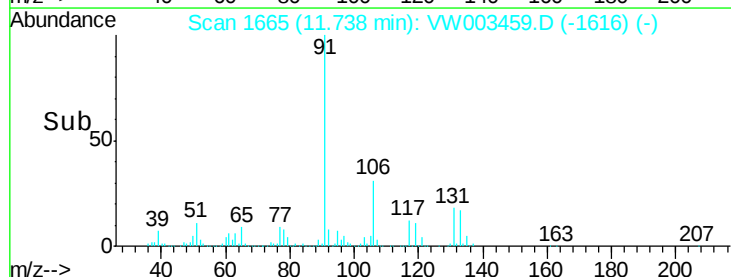
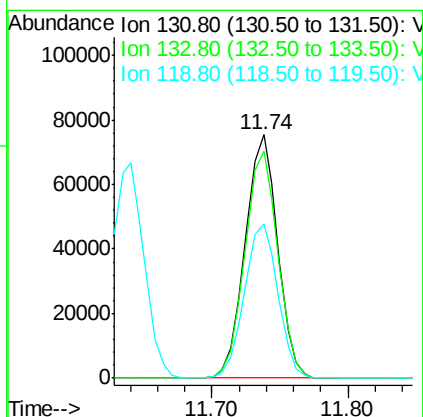
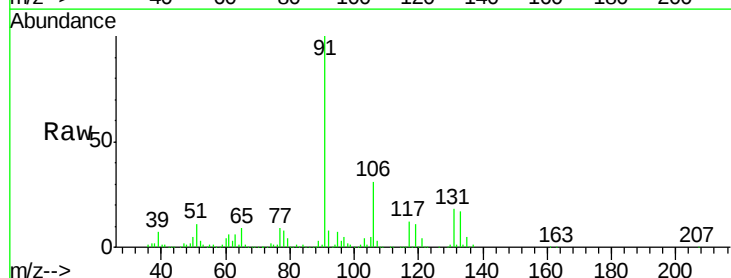
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

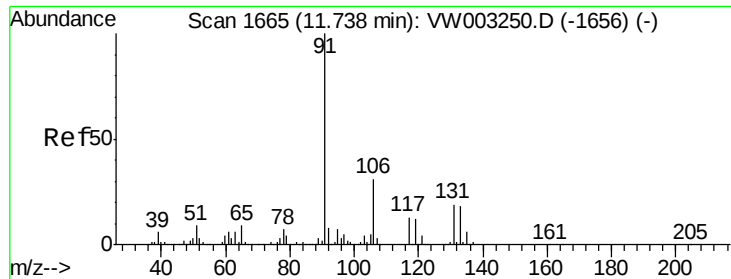
Tgt Ion:112 Resp: 1399064
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.716 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion:131 Resp: 126281
Ion Ratio Lower Upper
131 100
133 94.6 47.3 142.0
119 65.1 32.5 97.4





#67

Ethyl Benzene

Concen: 50.525 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

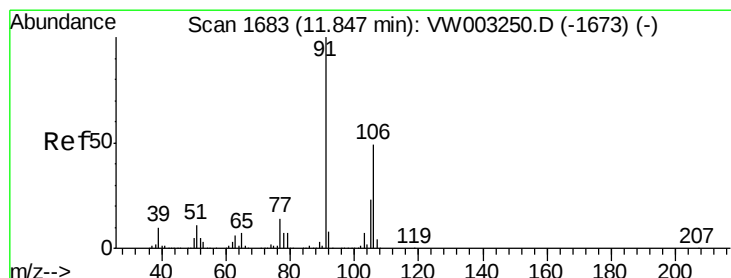
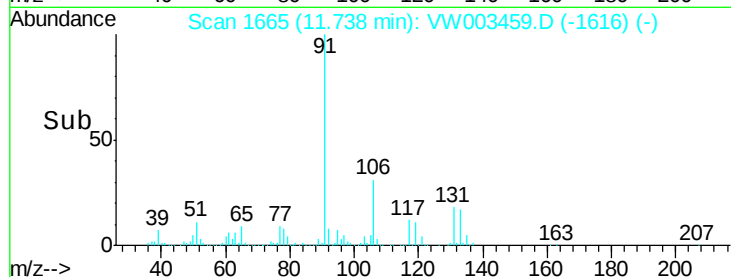
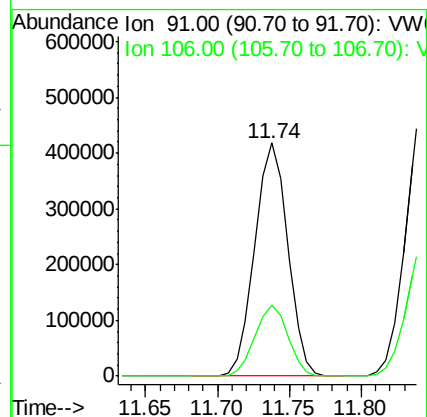
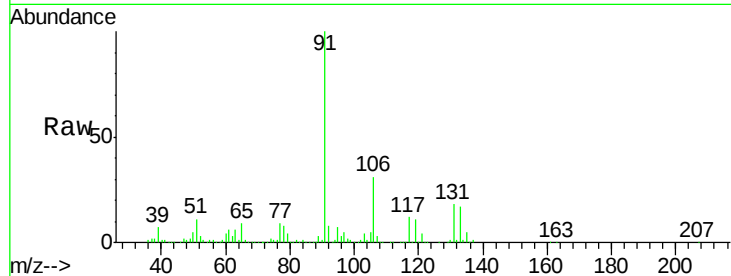
WP021SB482-15-17-180619MS

Tgt Ion: 91 Resp: 660634

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



#68

m/p-Xylenes

Concen: 98.871 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW003459.D

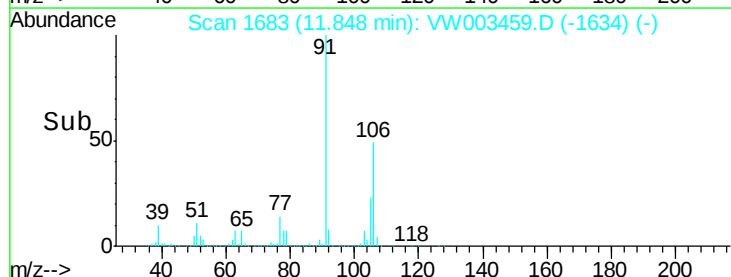
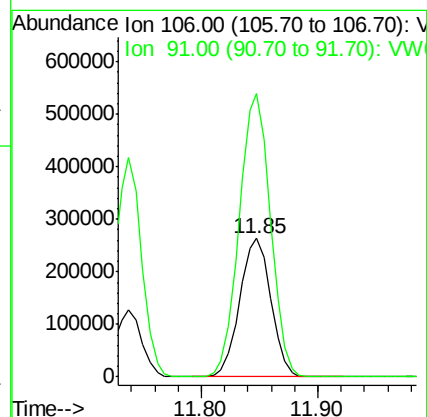
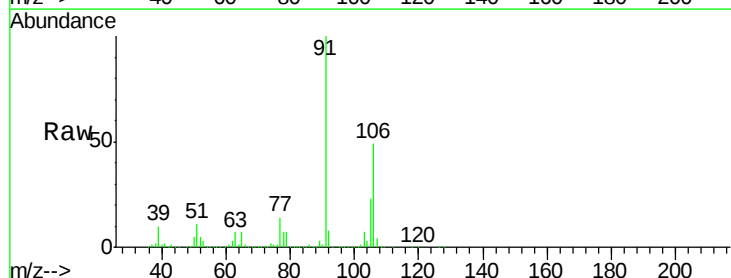
Acq: 23 Jun 2018 14:45

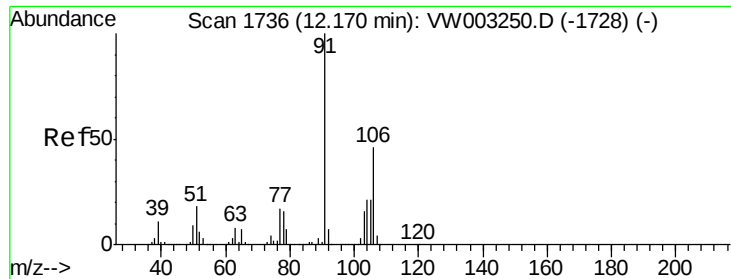
Tgt Ion: 106 Resp: 491428

Ion Ratio Lower Upper

106 100

91 204.7 165.4 248.0

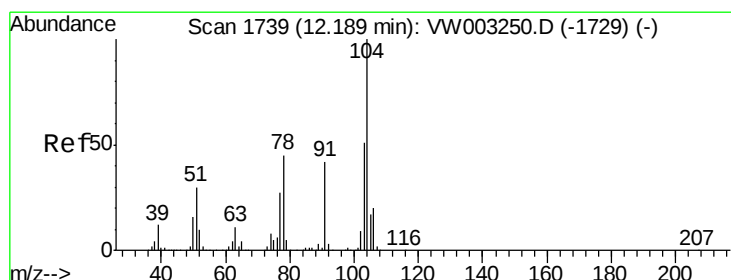
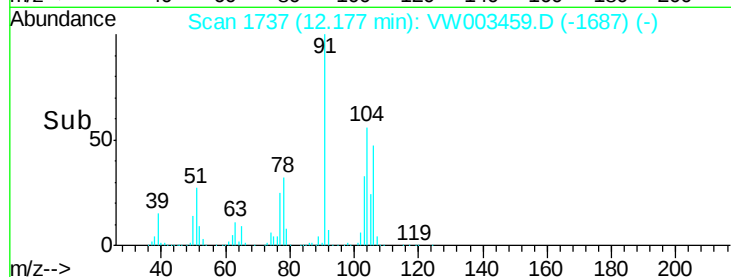
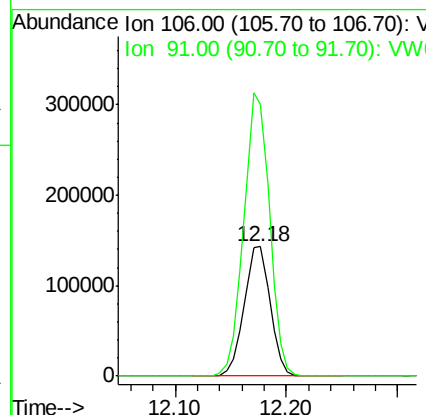
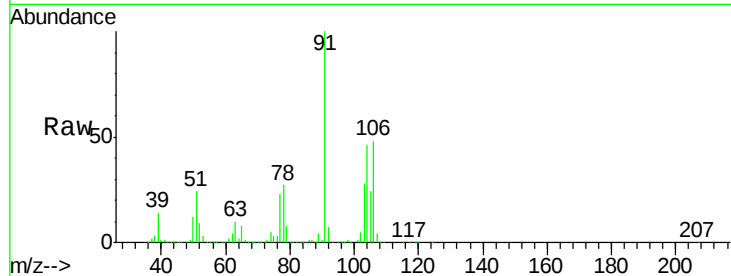




#69
o-Xylene
Concen: 50.477 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

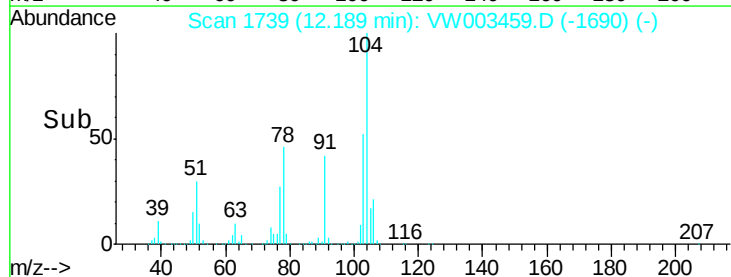
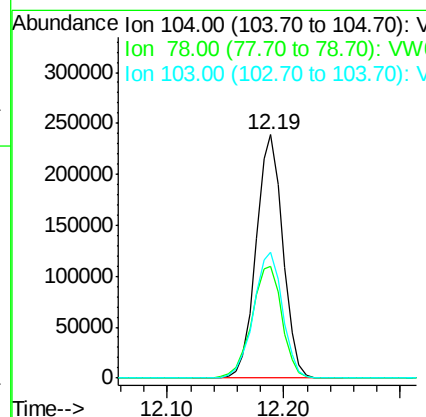
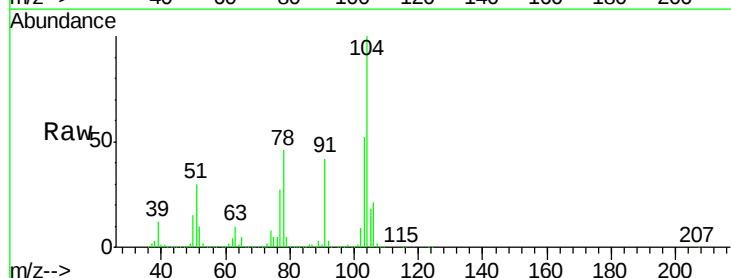
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tgt Ion:106 Resp: 232519
Ion Ratio Lower Upper
106 100
91 216.1 108.6 325.6



#70
Styrene
Concen: 50.016 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion:104 Resp: 383496
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 56.3 45.0 67.4

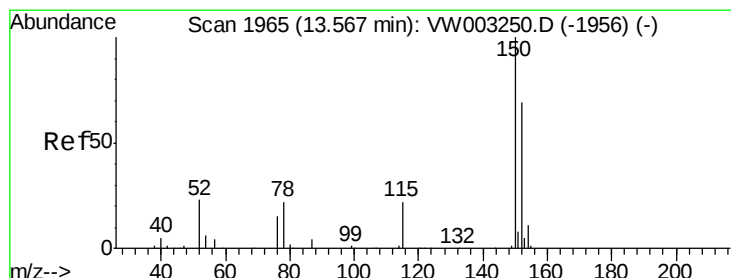
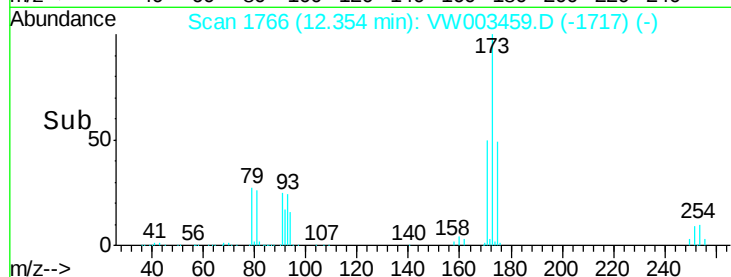
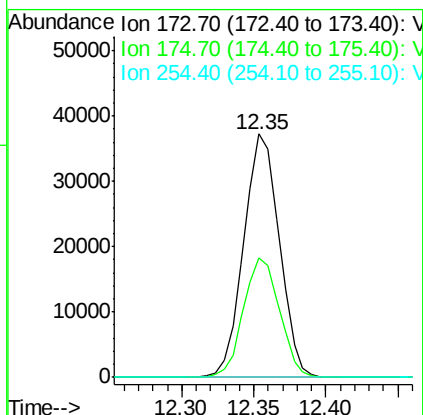
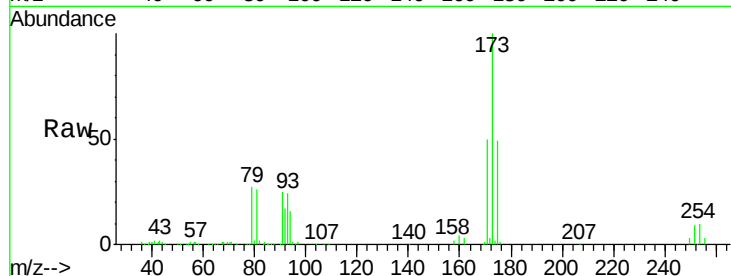




#71
Bromoform
Concen: 47.377 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

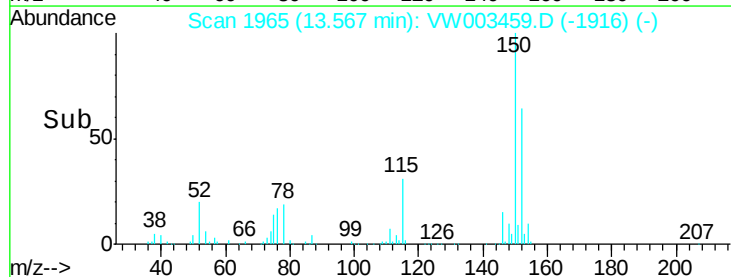
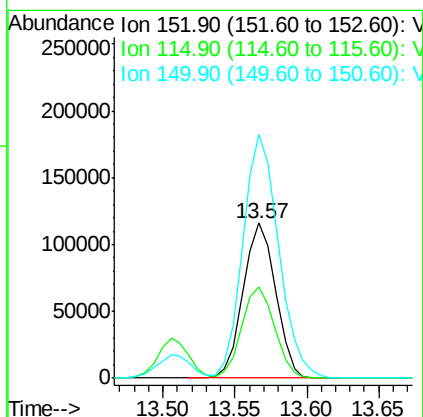
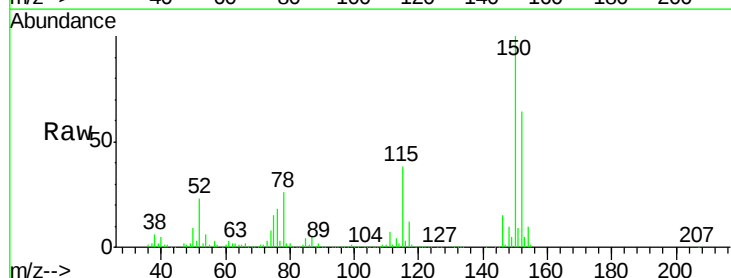
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

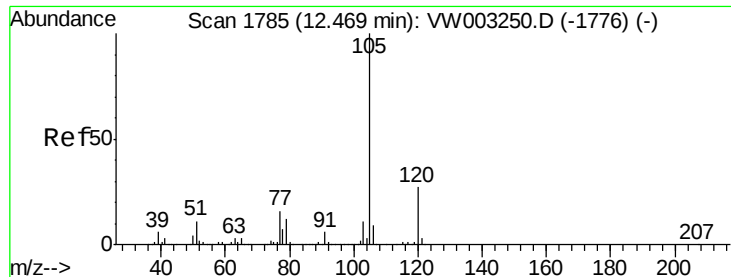
Tgt Ion:173 Resp: 63648
Ion Ratio Lower Upper
173 100
175 49.5 24.4 73.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion:152 Resp: 181881
Ion Ratio Lower Upper
152 100
115 58.9 29.3 88.0
150 172.3 0.0 349.6





#73

Isopropylbenzene

Concen: 51.339 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

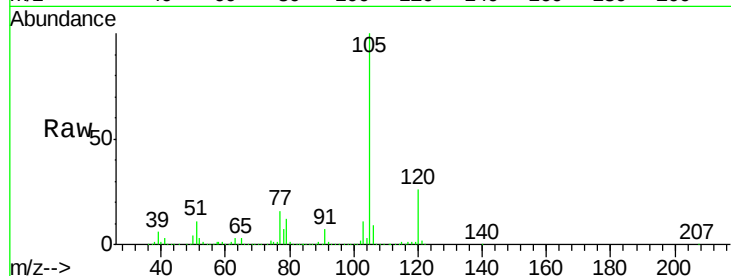
WP021SB482-15-17-180619MS

Tgt Ion:105 Resp: 649468

Ion Ratio Lower Upper

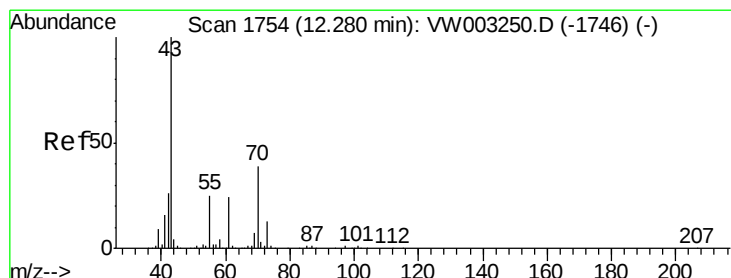
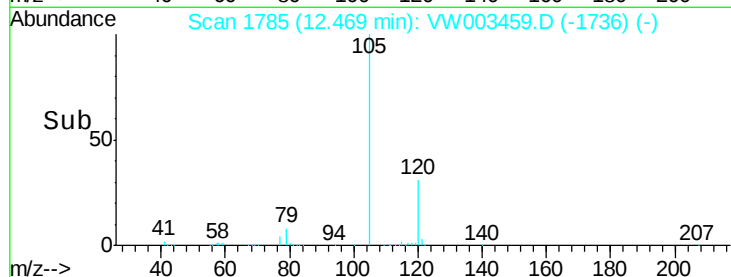
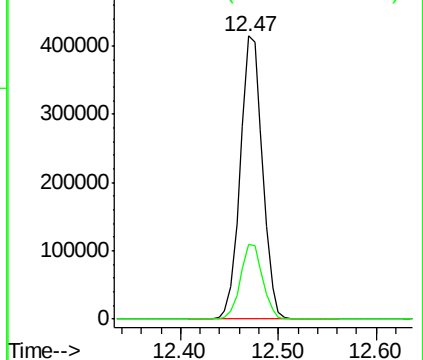
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.194 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion: 43 Resp: 138771

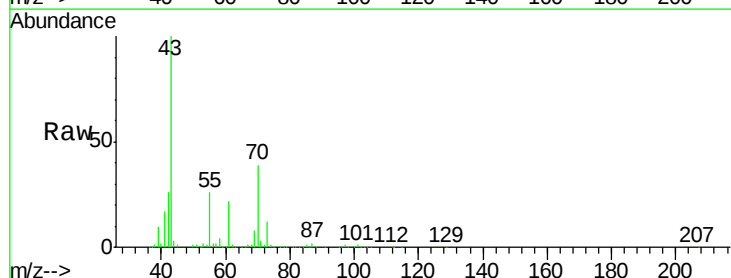
Ion Ratio Lower Upper

43 100

70 39.4 31.0 46.6

55 26.4 19.7 29.5

61 21.5 18.1 27.1

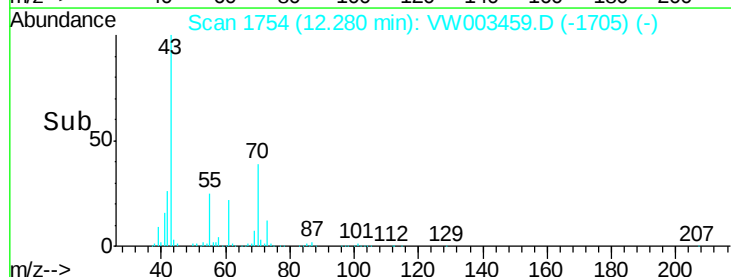
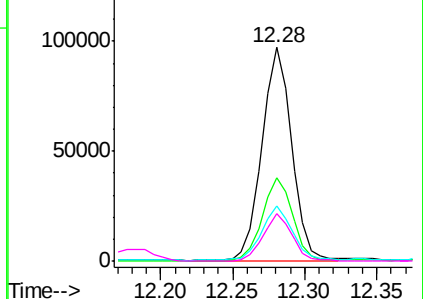


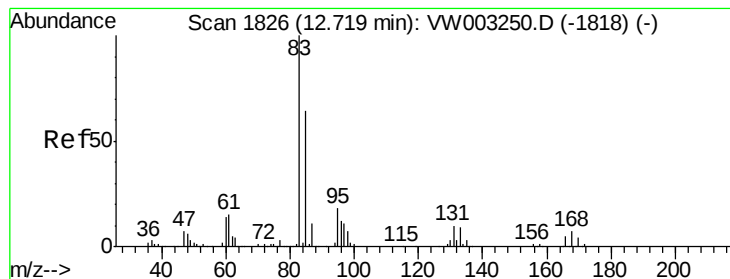
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 55.011 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

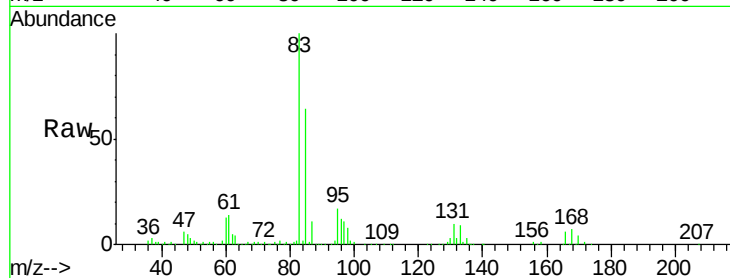
Tgt Ion: 83 Resp: 117735

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

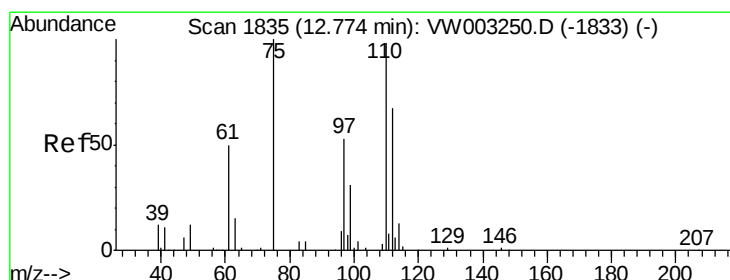
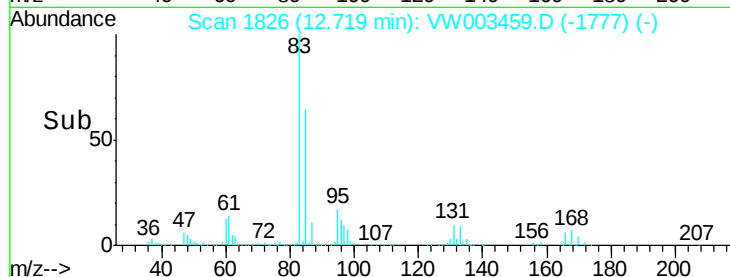
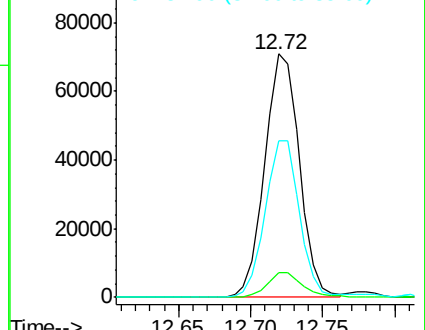
85 63.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 96.146 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003459.D

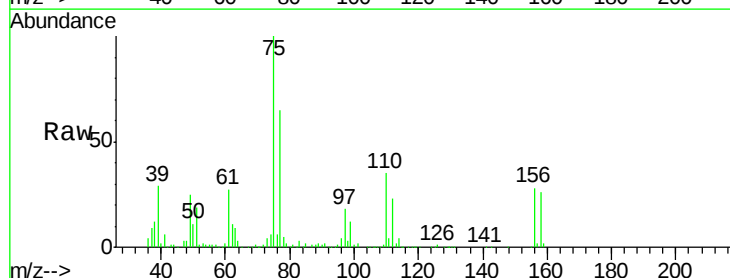
Acq: 23 Jun 2018 14:45

Tgt Ion: 75 Resp: 149495

Ion Ratio Lower Upper

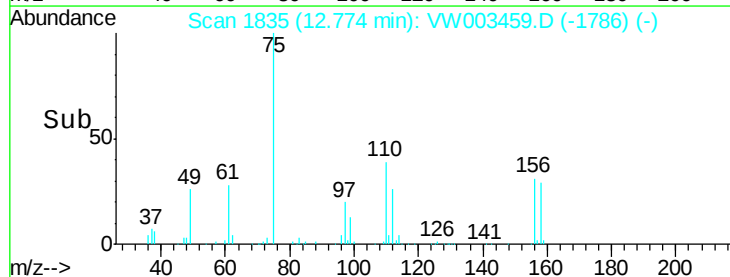
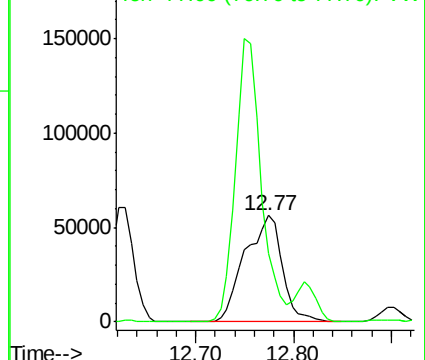
75 100

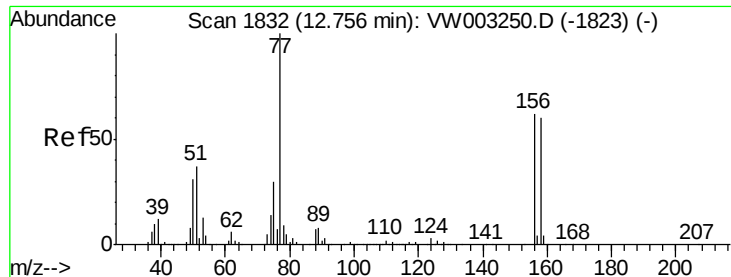
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.033 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

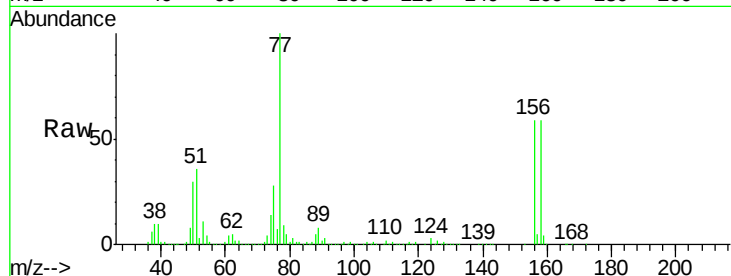
Tgt Ion: 156 Resp: 144460

Ion Ratio Lower Upper

156 100

77 190.2 92.3 276.9

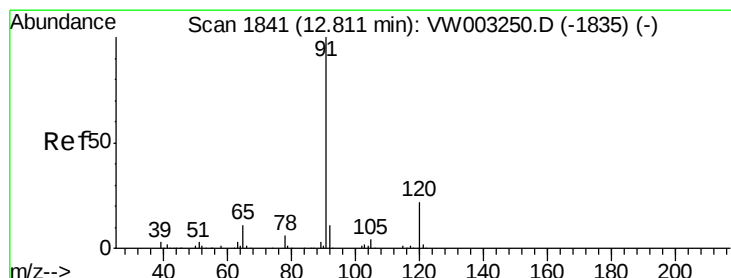
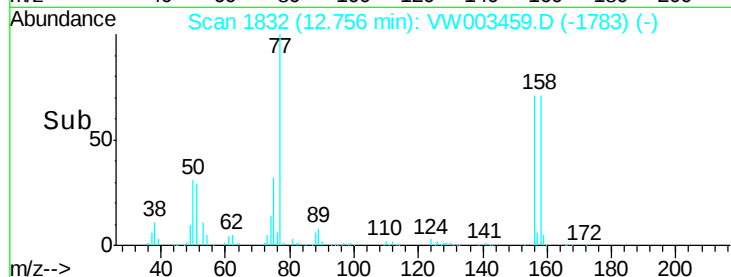
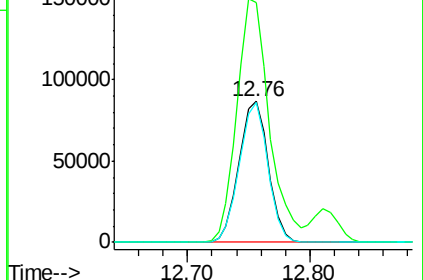
158 96.7 47.5 142.6



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: 50.403 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003459.D

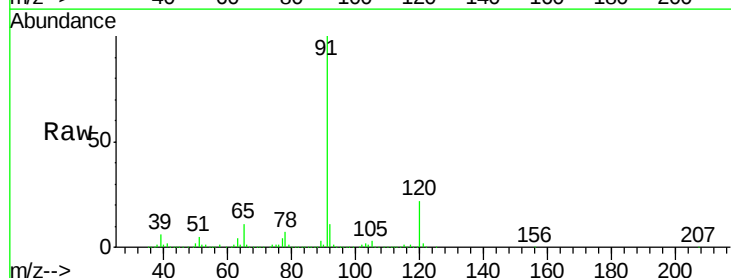
Acq: 23 Jun 2018 14:45

Tgt Ion: 91 Resp: 780769

Ion Ratio Lower Upper

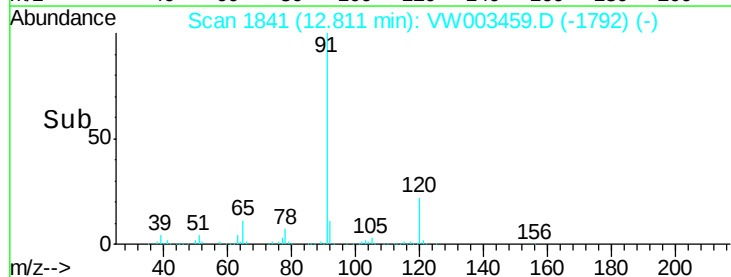
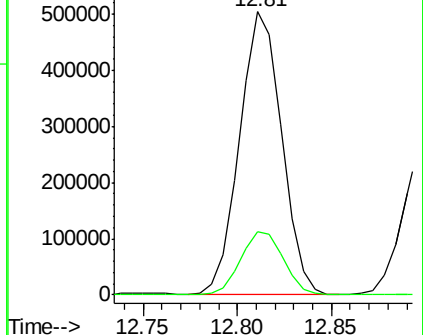
91 100

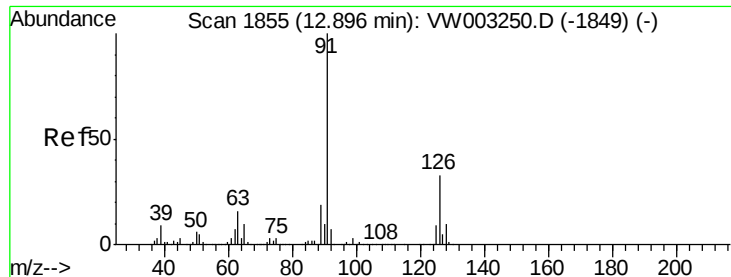
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.537 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

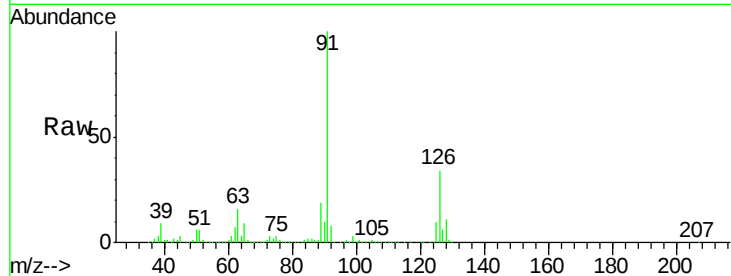
WP021SB482-15-17-180619MS

Tgt Ion: 91 Resp: 433647

Ion Ratio Lower Upper

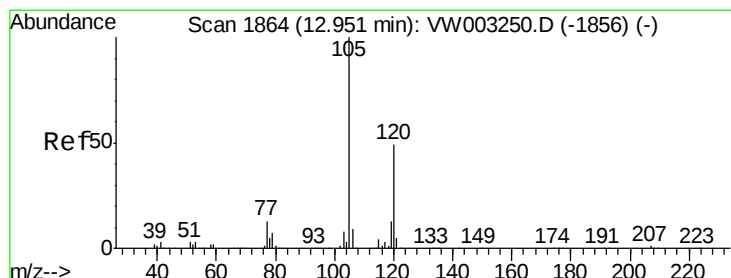
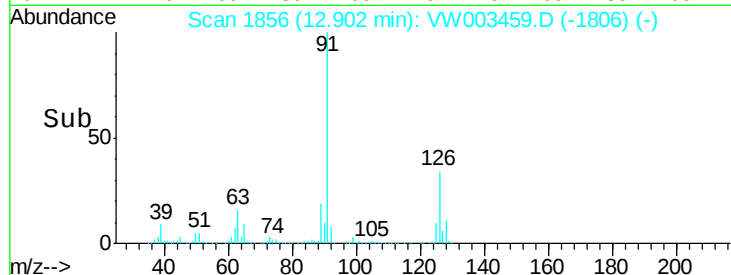
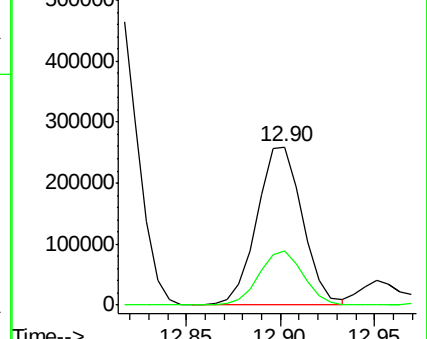
91 100

126 33.4 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.593 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003459.D

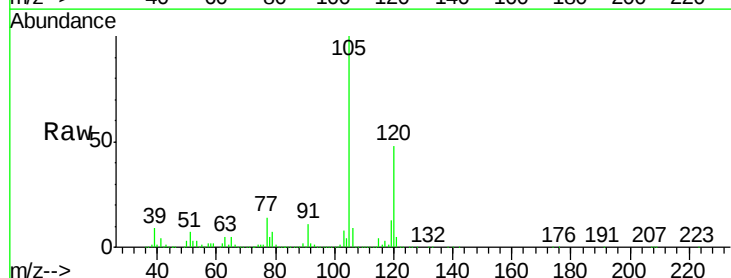
Acq: 23 Jun 2018 14:45

Tgt Ion: 105 Resp: 537226

Ion Ratio Lower Upper

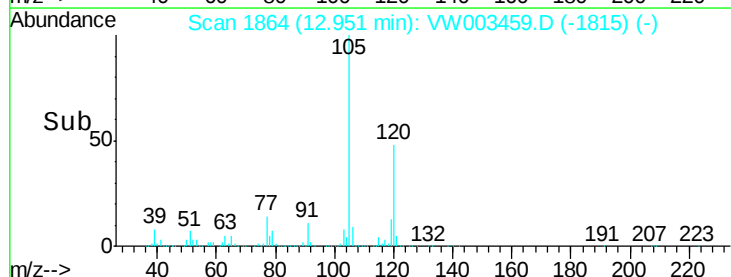
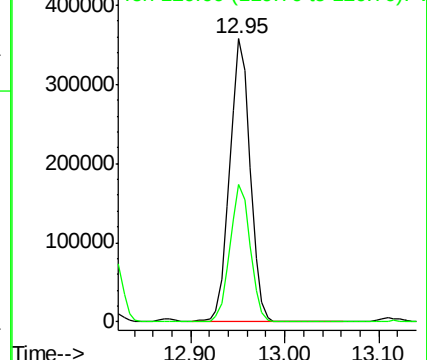
105 100

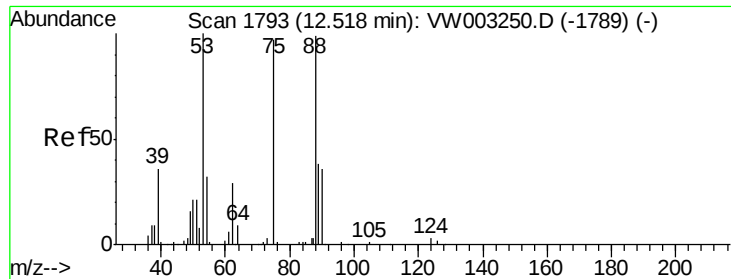
120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

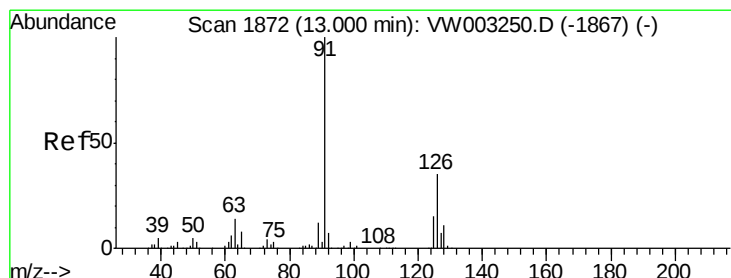
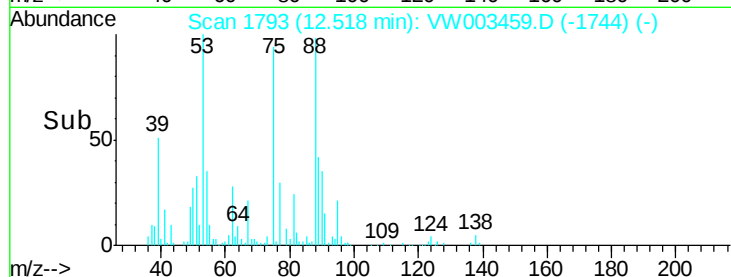
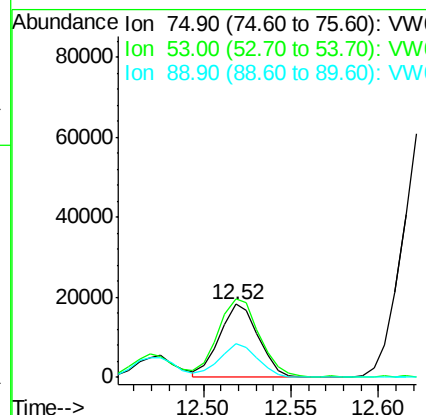
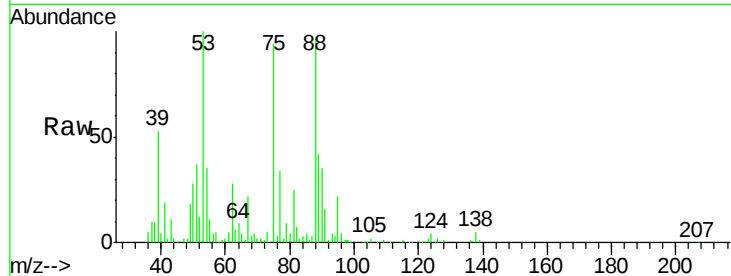




#81
trans-1,4-Dichloro-2-butene
Concen: 41.465 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

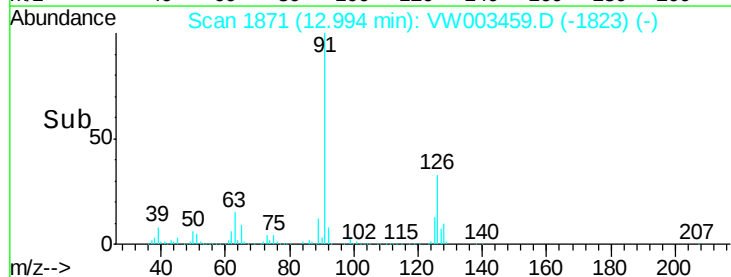
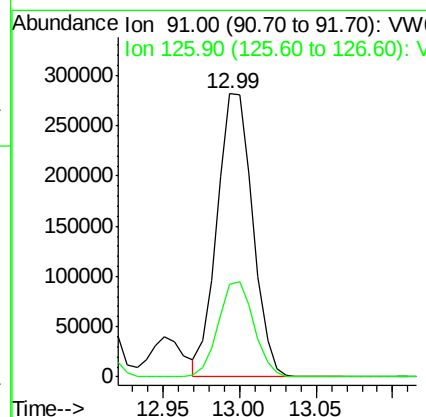
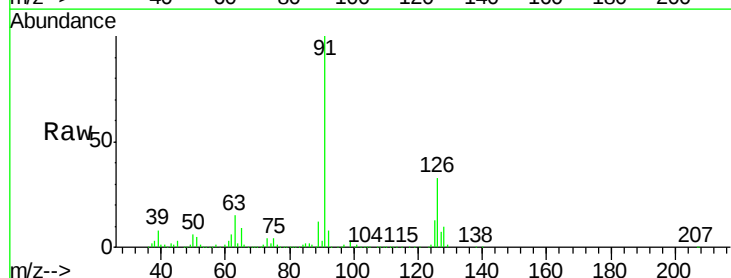
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

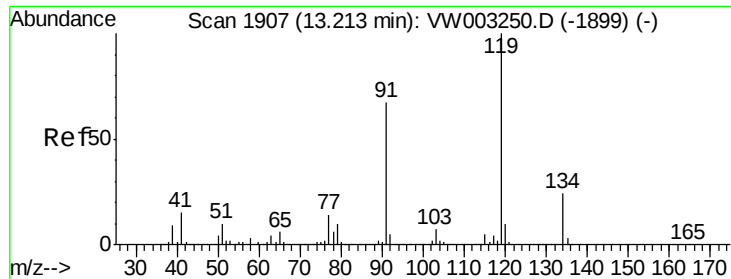
Tgt Ion: 75 Resp: 28019
Ion Ratio Lower Upper
75 100
53 112.8 82.9 124.3
89 45.7 36.7 55.1



#82
4-Chlorotoluene
Concen: 48.937 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 91 Resp: 454444
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3

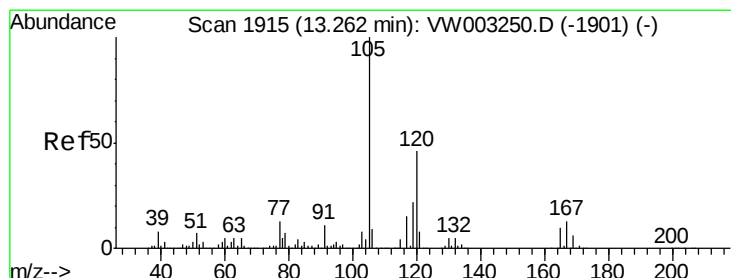
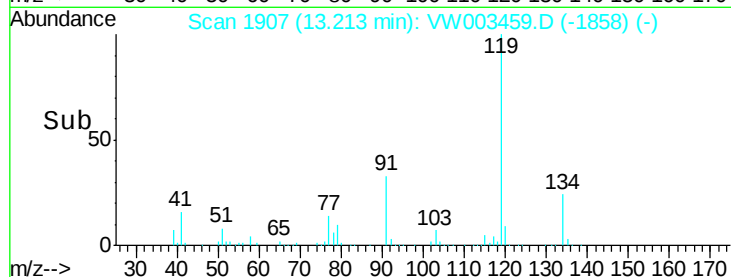
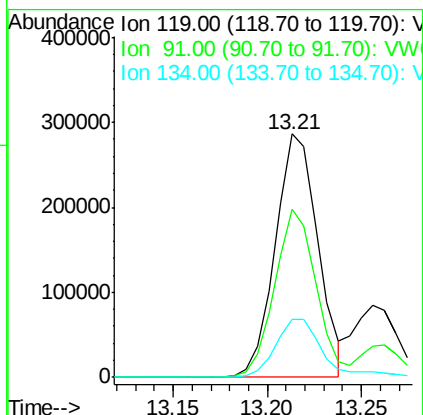
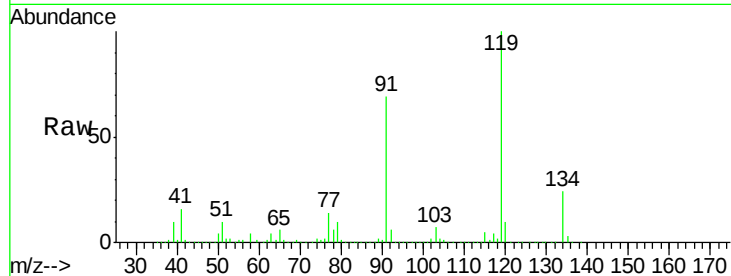




#83
tert-Butylbenzene
Concen: 49.623 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

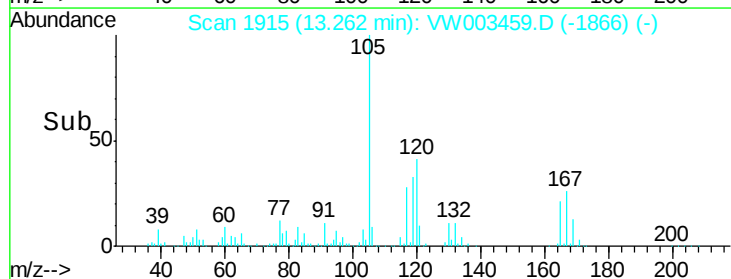
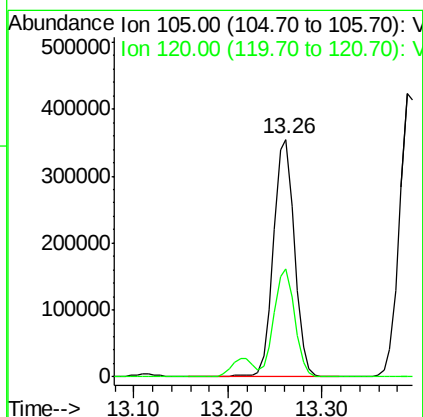
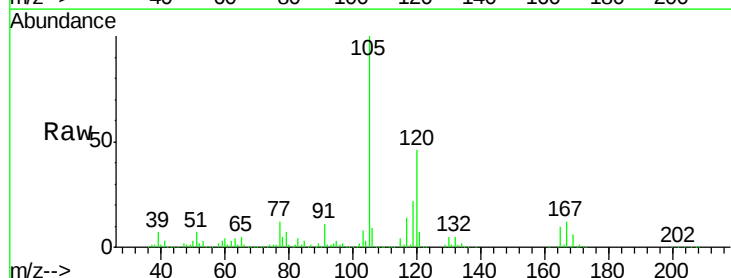
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

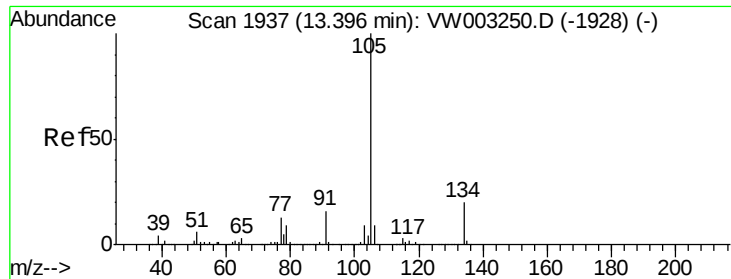
Tgt Ion:119 Resp: 449057
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 26.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 50.586 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion:105 Resp: 552545
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5





#85

sec-Butylbenzene

Concen: 48.558 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

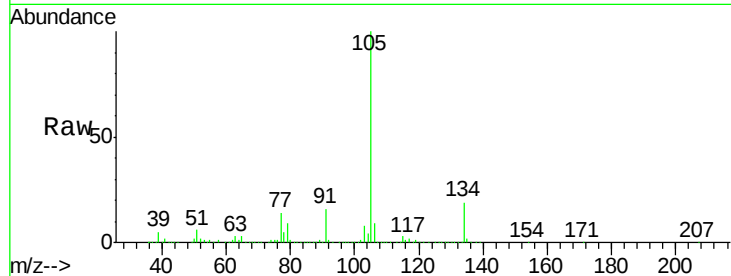
WP021SB482-15-17-180619MS

Tgt Ion:105 Resp: 653145

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5

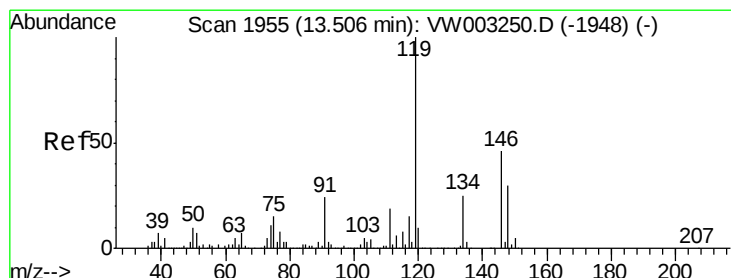
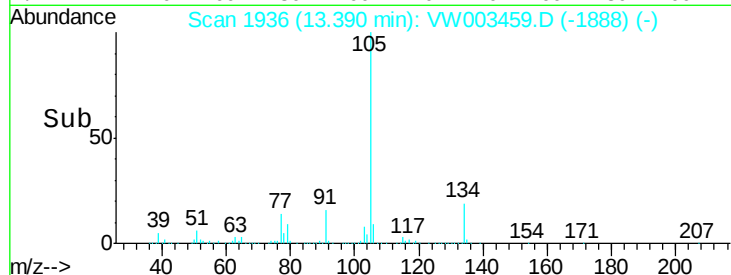


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

Time-->



#86

p-Isopropyltoluene

Concen: 48.201 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

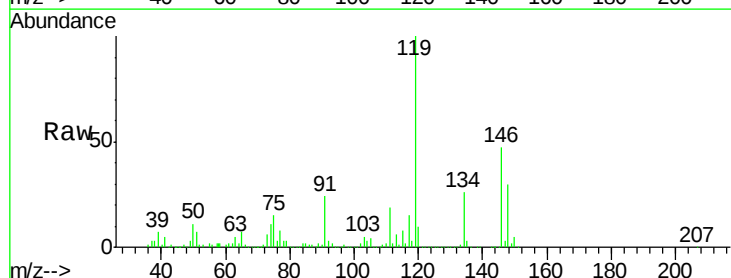
Tgt Ion:119 Resp: 571842

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 23.8 11.8 35.3



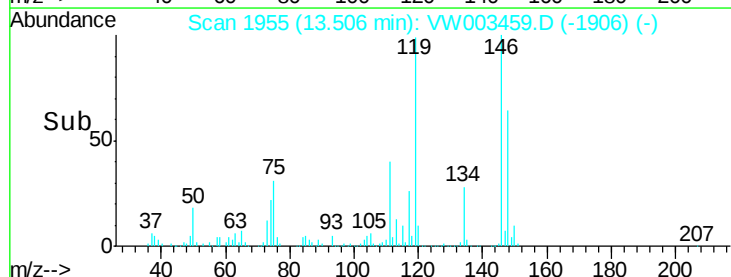
Abundance Ion 119.00 (118.70 to 119.70): V

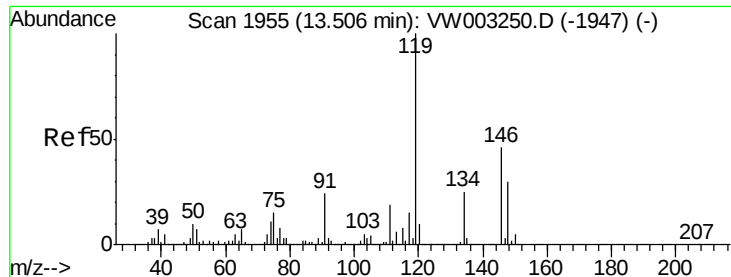
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

Time-->

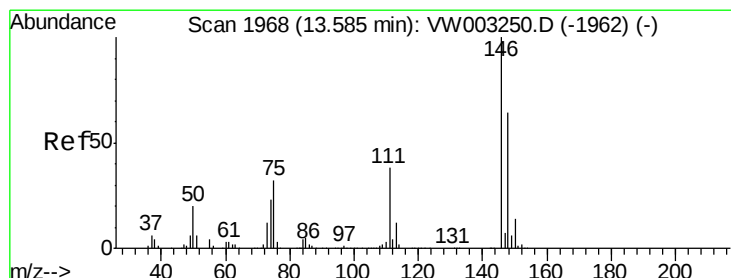
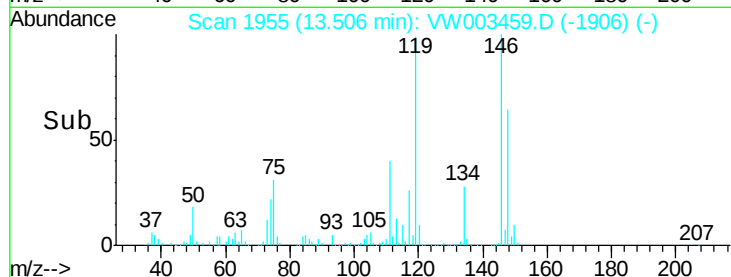
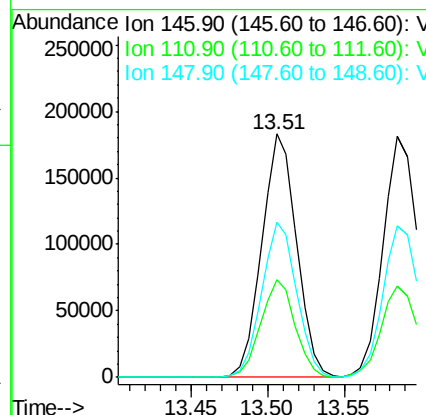
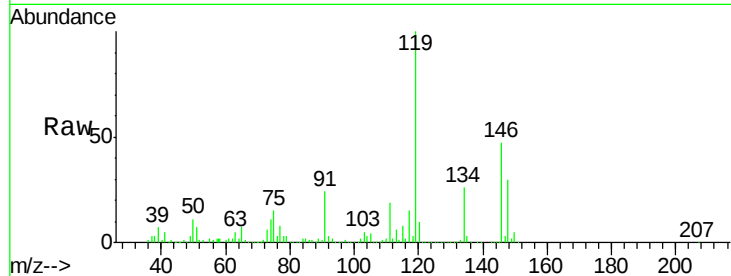




#87
 1,3-Dichlorobenzene
 Concen: 47.999 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

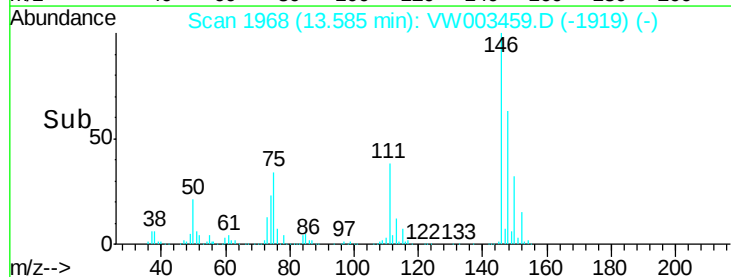
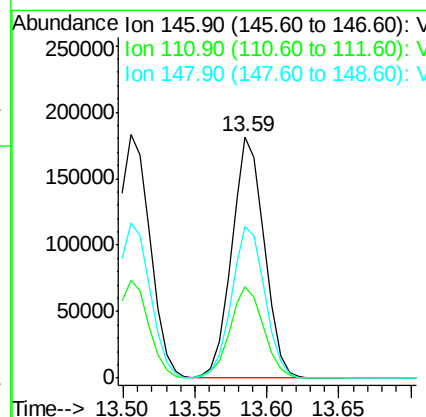
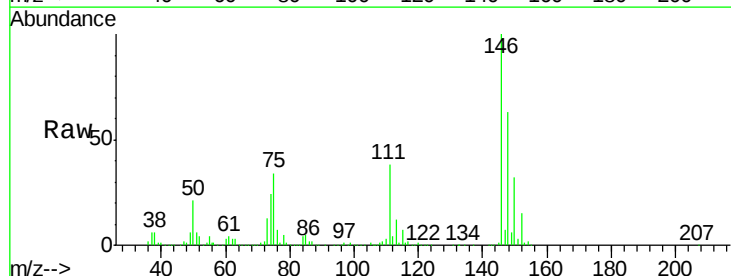
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

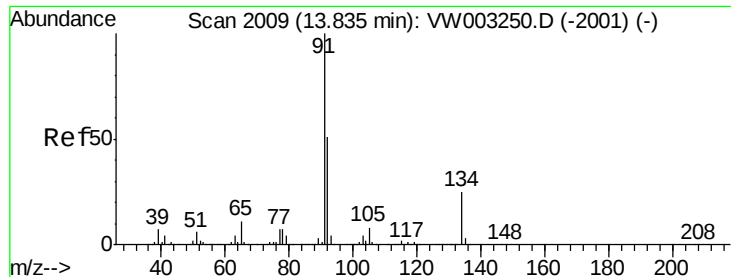
Tgt Ion:146 Resp: 290506
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.537 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion:146 Resp: 286025
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.2 57.6
 148 64.0 31.8 95.4

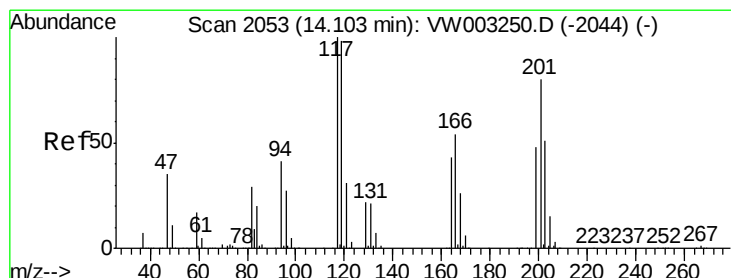
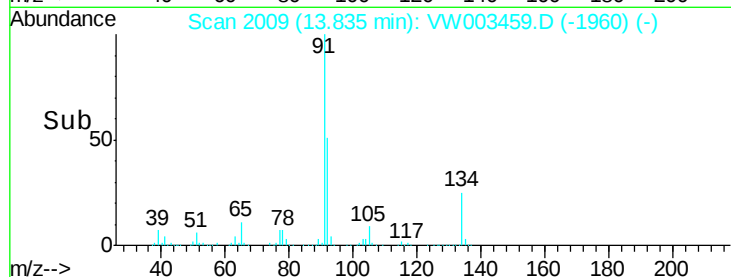
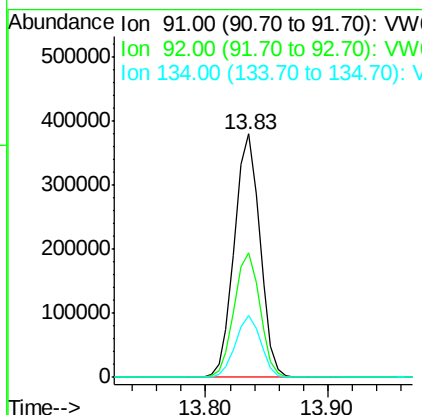
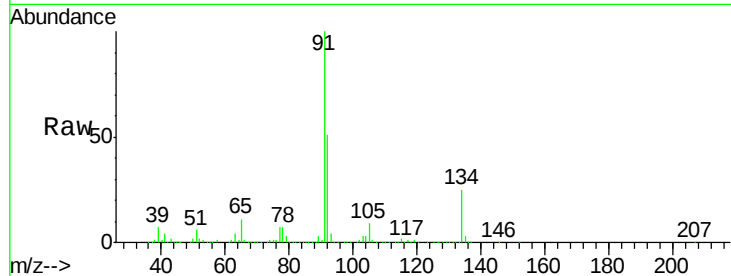




#89
n-Butylbenzene
Concen: 47.334 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

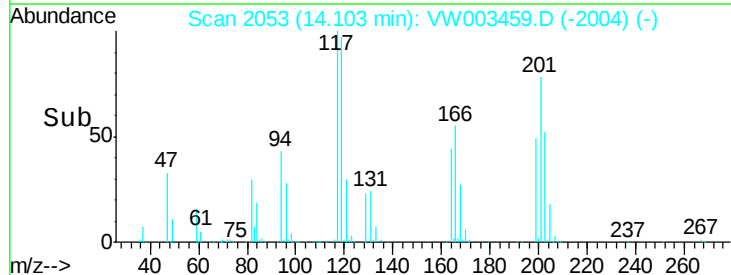
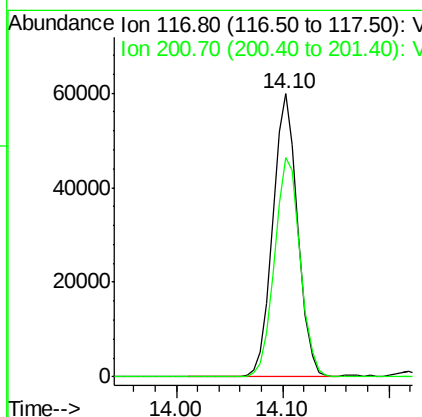
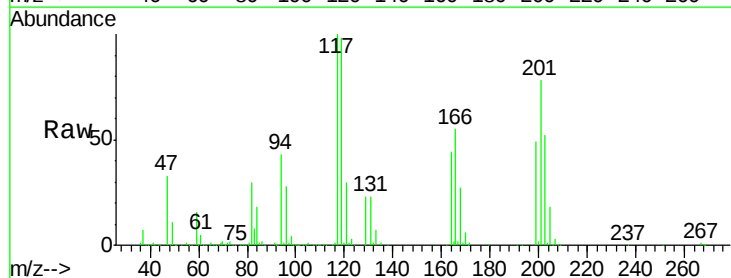
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tgt Ion: 91 Resp: 547379
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 25.3 12.7 38.0



#90
Hexachloroethane
Concen: 45.400 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 117 Resp: 97434
Ion Ratio Lower Upper
117 100
201 79.2 39.5 118.5

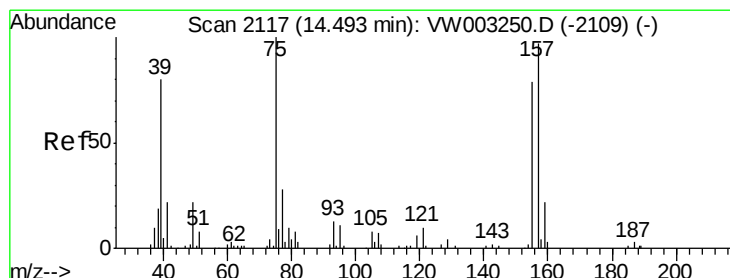
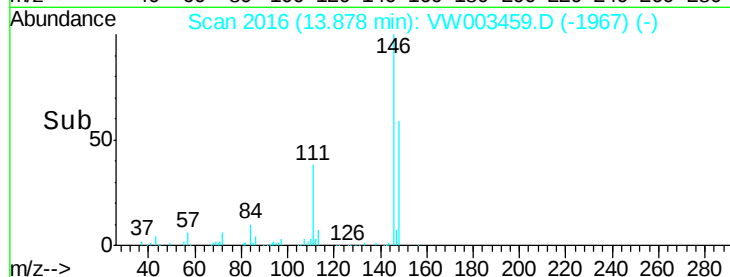
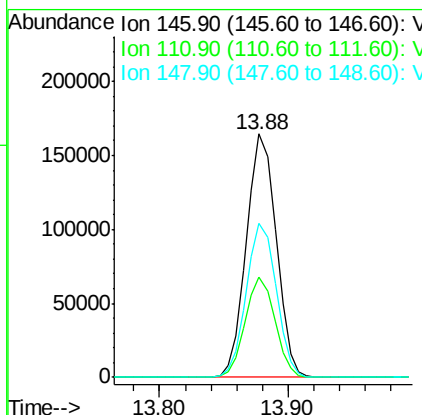
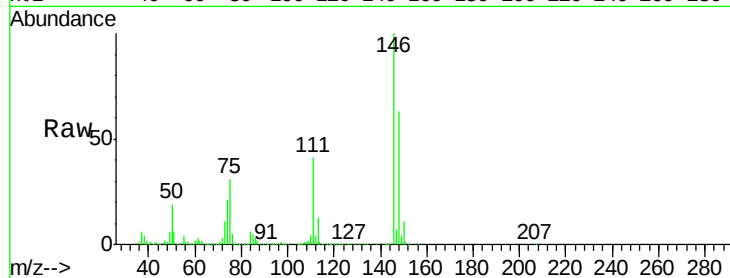




#91
 1,2-Dichlorobenzene
 Concen: 49.843 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

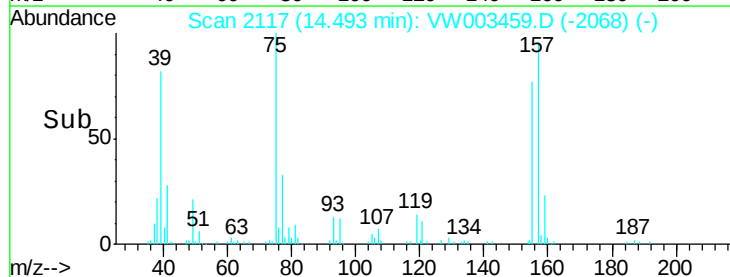
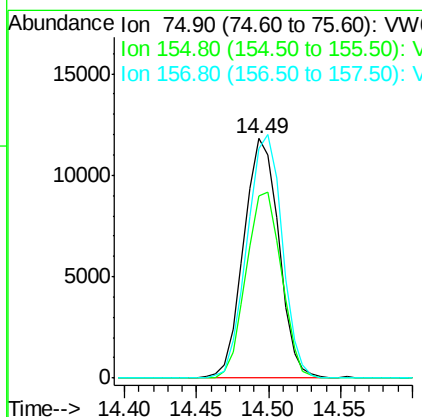
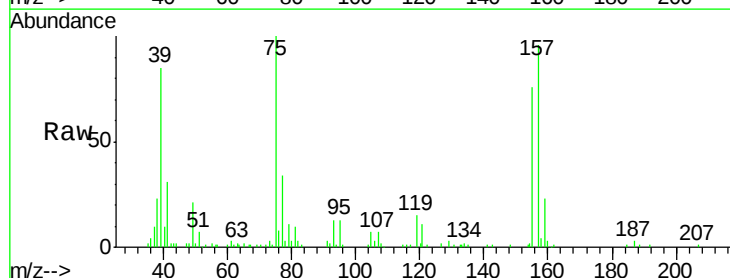
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

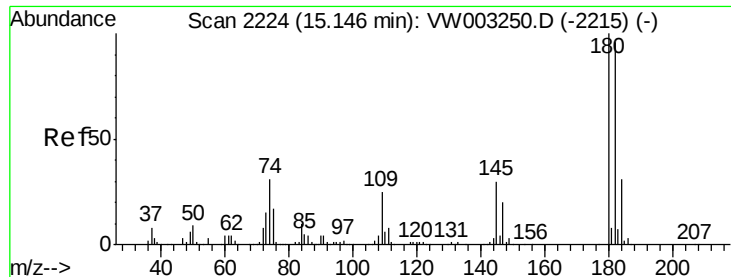
Tgt Ion: 146 Resp: 264249
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 63.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.336 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 75 Resp: 19930
 Ion Ratio Lower Upper
 75 100
 155 77.9 39.4 118.2
 157 101.4 51.5 154.5

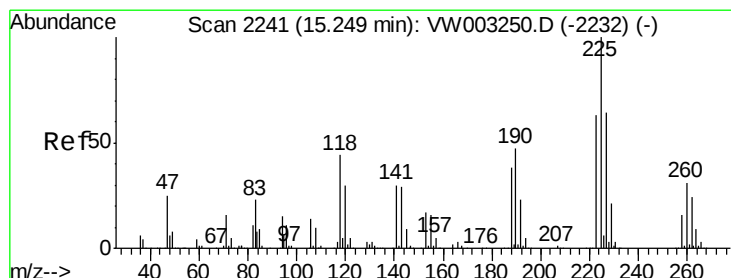
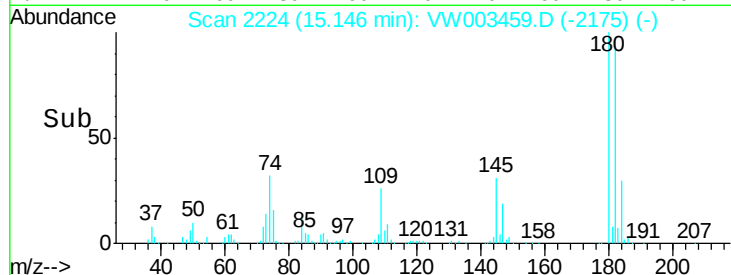
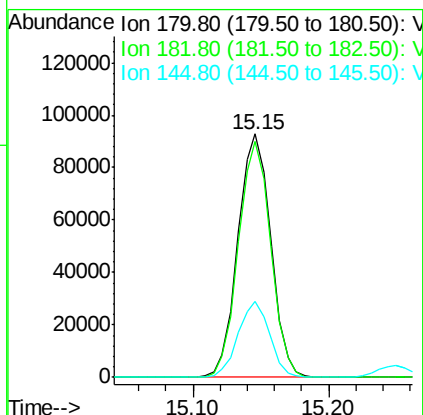
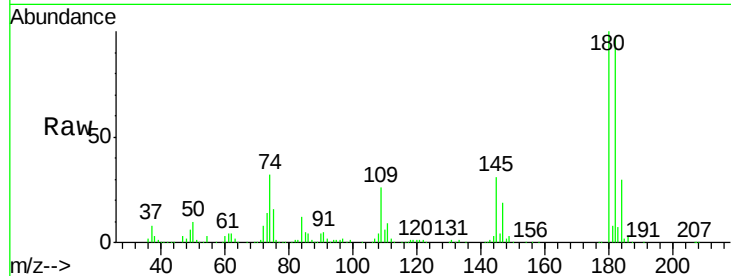




#93
1,2,4-Trichlorobenzene
Concen: 42.038 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

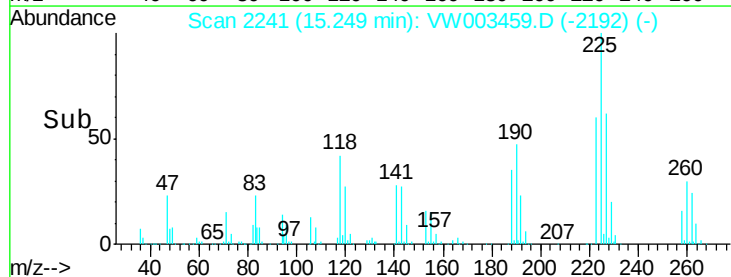
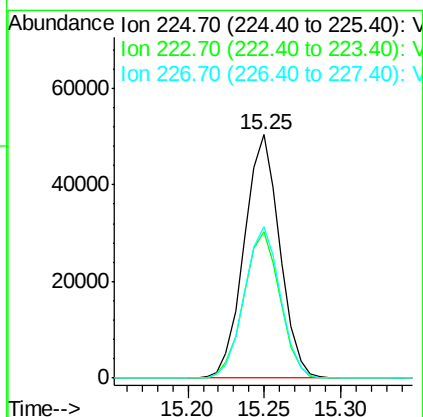
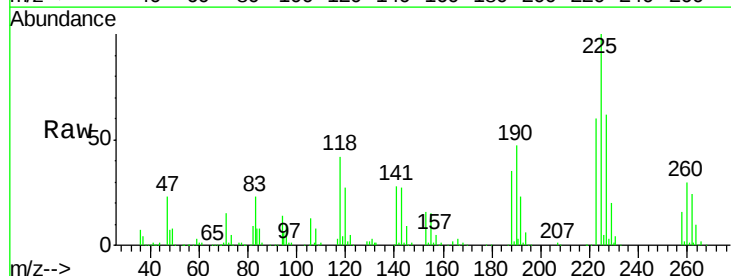
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

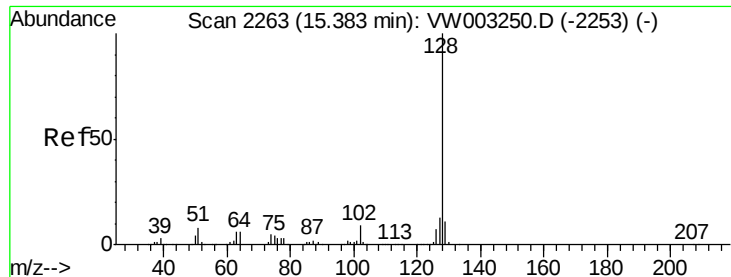
Tgt Ion:180 Resp: 156456
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 30.0 15.2 45.5



#94
Hexachlorobutadiene
Concen: 36.286 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion:225 Resp: 81236
Ion Ratio Lower Upper
225 100
223 61.3 30.6 92.0
227 63.0 31.7 95.1

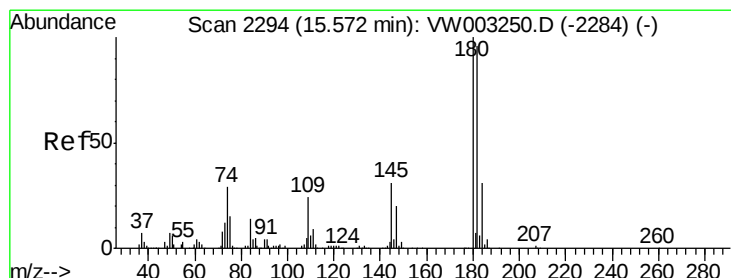
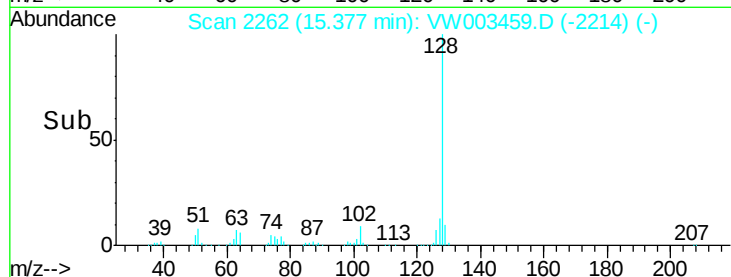
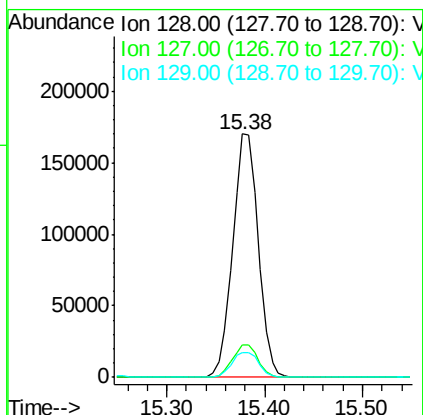
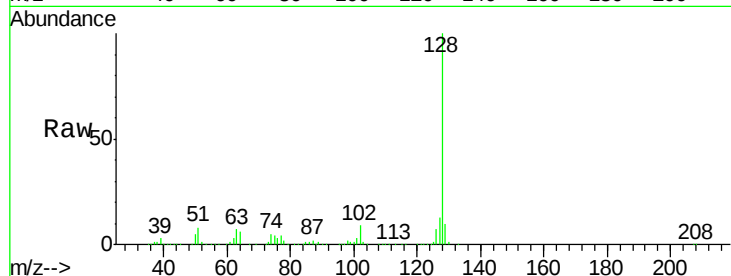




#95
Naphthalene
Concen: 48.721 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

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

Tgt Ion:128 Resp: 307594
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 41.185 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion:180 Resp: 134923
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.6
145 32.1 15.8 47.4

