

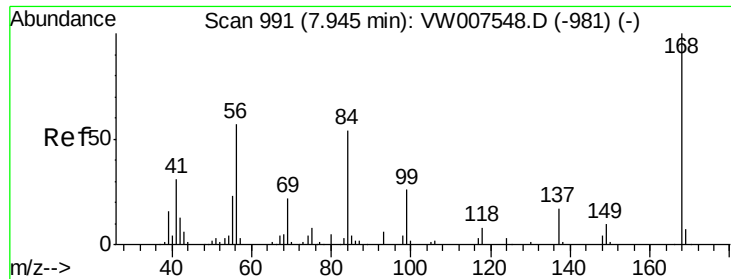
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007581.D
 Acq On : 15 Dec 2018 14:52
 Operator : SY/AP
 Sample : J6353-05
 Misc : 5.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0002-01

Quant Time: Dec 15 20:24:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	88561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35148	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.38%	
35) Dibromofluoromethane	7.88	113	32053	59.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.58%	
50) Toluene-d8	10.32	98	89925	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.62	95	20764	28.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.20%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	623	14.890	ug/l #	74
12) 1,1-Dichloroethene	4.04	96	1106	2.053	ug/l #	73
16) Acetone	4.13	43	1897	17.827	ug/l	100
18) Methyl Acetate	4.68	43	534	1.849	ug/l #	57
20) Methylene Chloride	4.91	84	4263	3.698	ug/l	93
25) 2-Butanone	7.19	43	732	5.269	ug/l #	45
29) Tetrahydrofuran	7.54	42	95	1.080	ug/l #	47
31) Cyclohexane	7.95	56	1520	1.606	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	4329	5.358	ug/l #	49
37) Ethyl Acetate	7.26	43	395	1.315	ug/l #	66
38) Carbon Tetrachloride	7.95	117	6012	6.839	ug/l #	18
41) Methacrylonitrile	7.52	41	189	1.105	ug/l #	33
49) 1,4-Dioxane	9.44	88	51	10.668	ug/l #	26
51) 4-Methyl-2-Pentanone	10.21	43	614	2.189	ug/l	88
52) Toluene	10.39	92	3637	2.507	ug/l	95
67) Ethyl Benzene	11.73	91	4099	2.190	ug/l	98
68) m/p-Xylenes	11.84	106	2267	3.115	ug/l	98
69) o-Xylene	12.17	106	2011	2.959	ug/l	89
70) Styrene	12.18	104	2504	2.281	ug/l	96
74) N-amyl acetate	12.26	43	252	1.406	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.71	83	164	1.123	ug/l #	29
76) 1,2,3-Trichloropropane	12.62	75	10871	102.468	ug/l #	1
77) Bromobenzene	12.94	156	1959	8.964	ug/l #	8
80) 1,3,5-Trimethylbenzene	12.94	105	6394	7.718	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	10871	226.352	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.25	105	2141	2.511	ug/l	86
85) sec-Butylbenzene	13.25	105	2141	2.149	ug/l #	54
86) p-Isopropyltoluene	13.51	119	1796	2.006	ug/l	90
89) n-Butylbenzene	13.80	91	913	1.100	ug/l #	1
90) Hexachloroethane	14.10	117	373	2.342	ug/l #	14
95) Naphthalene	15.37	128	3714	7.229	ug/l #	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

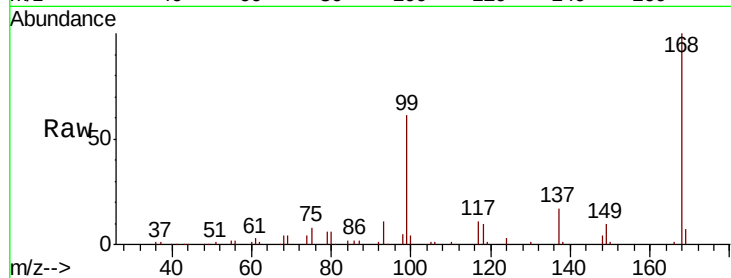
P001-SS002-0002-01

Tgt Ion: 168 Resp: 54914

Ion Ratio Lower Upper

168 100

99 60.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

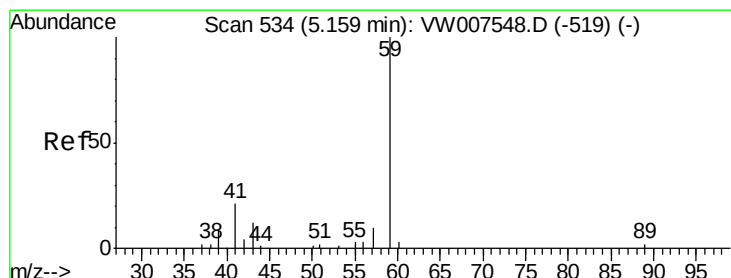
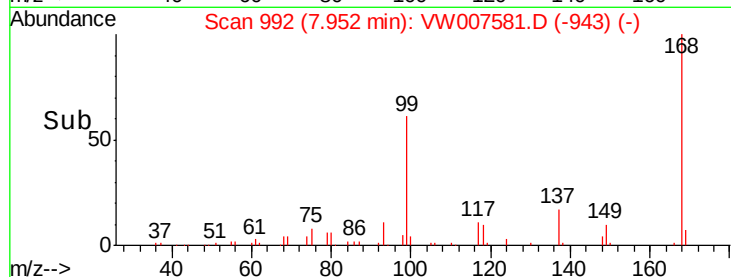
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 14.890 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007581.D

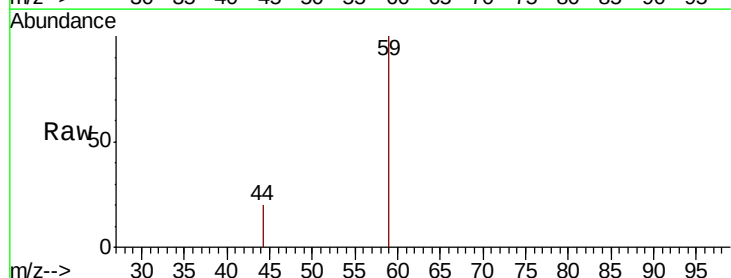
Acq: 15 Dec 2018 14:52

Tgt Ion: 59 Resp: 623

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

250

200

150

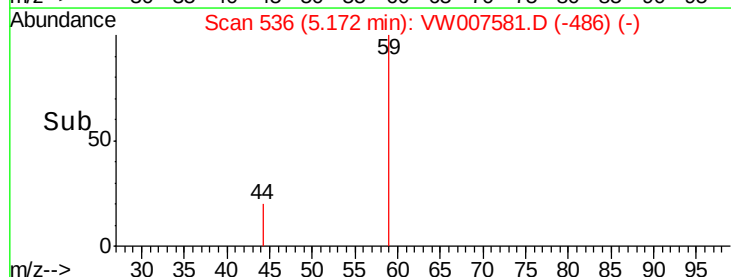
100

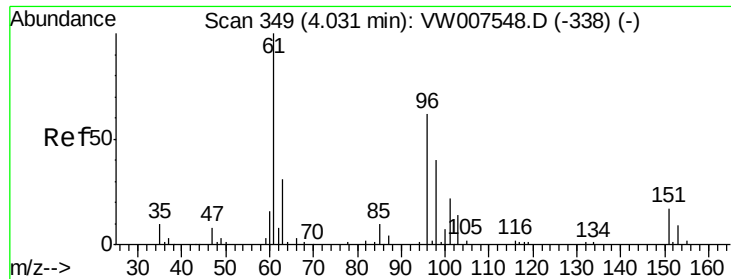
50

0

5.10 5.15 5.20

Time-->

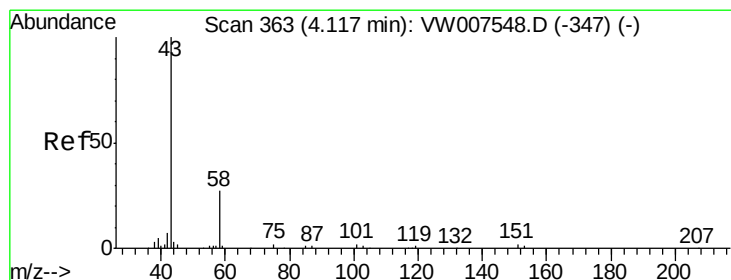
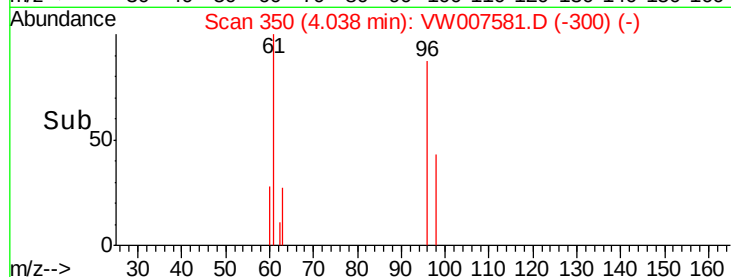
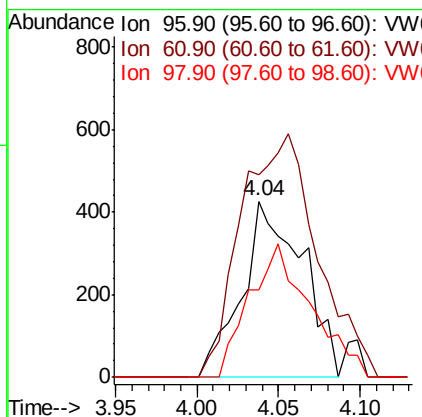
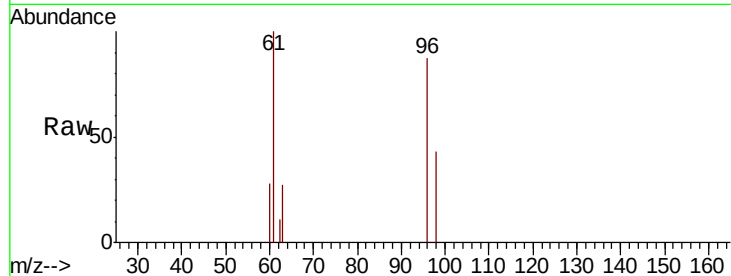




#12
 1,1-Dichloroethene
 Concen: 2.053 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

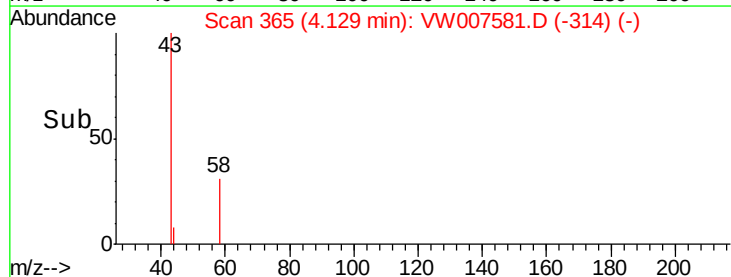
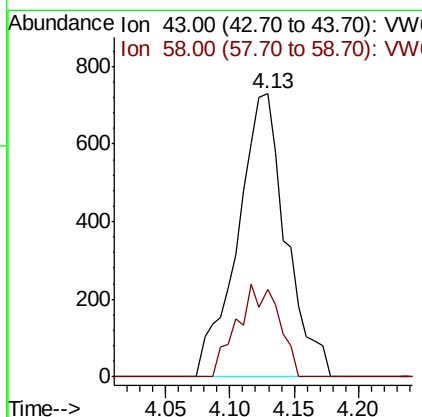
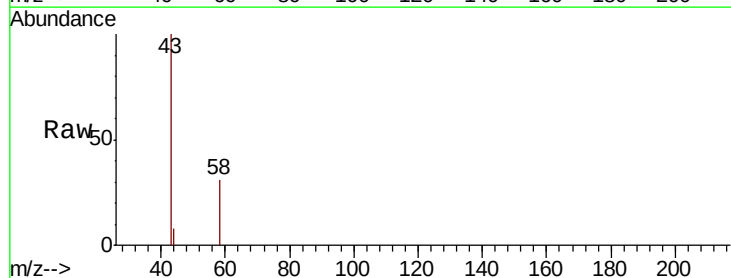
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0002-01

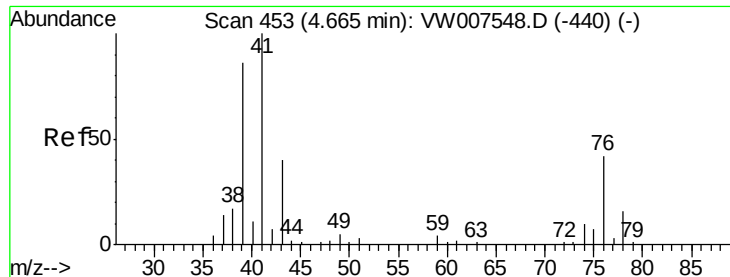
Tgt Ion: 96 Resp: 1106
 Ion Ratio Lower Upper
 96 100
 61 115.5 126.2 189.2#
 98 50.0 48.3 72.5



#16
 Acetone
 Concen: 17.827 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

Tgt Ion: 43 Resp: 1897
 Ion Ratio Lower Upper
 43 100
 58 31.1 24.9 37.3

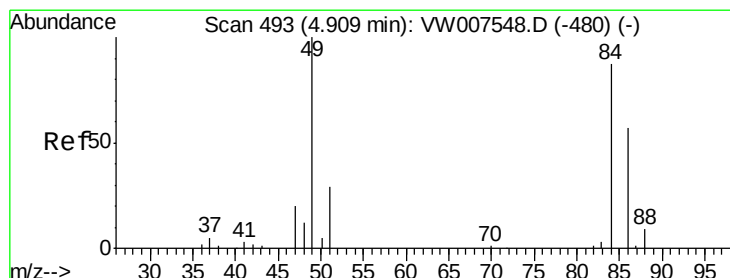
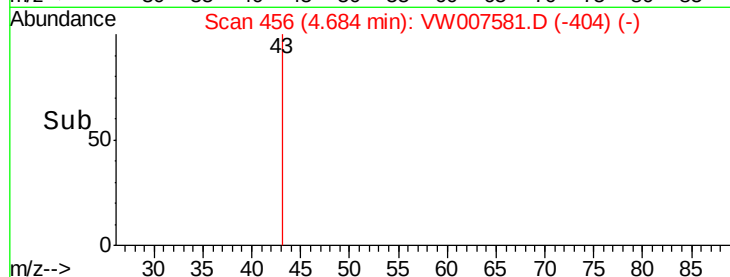
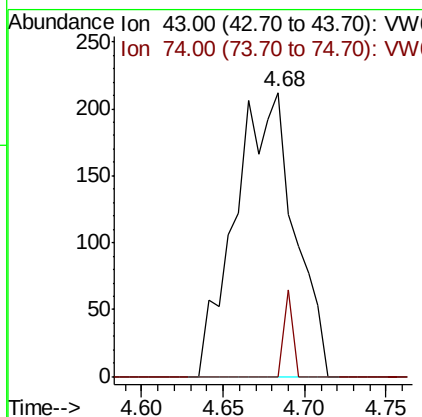
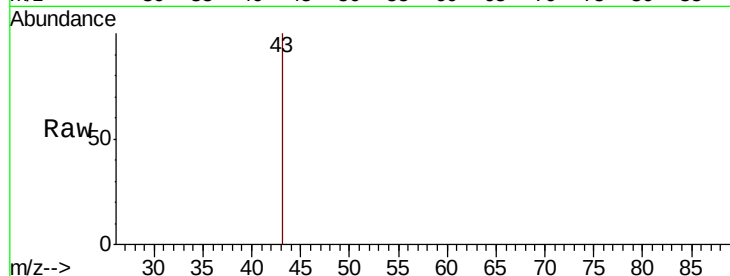




#18
Methyl Acetate
Concen: 1.849 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

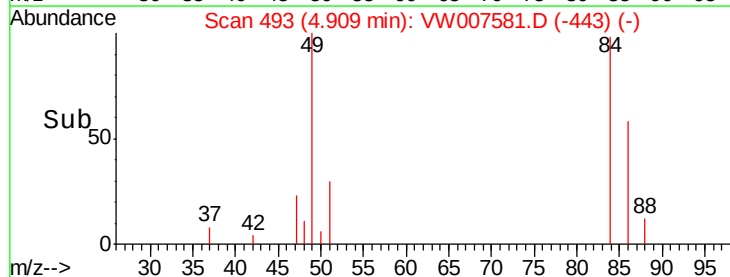
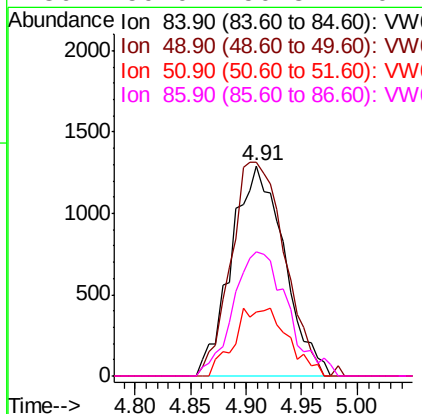
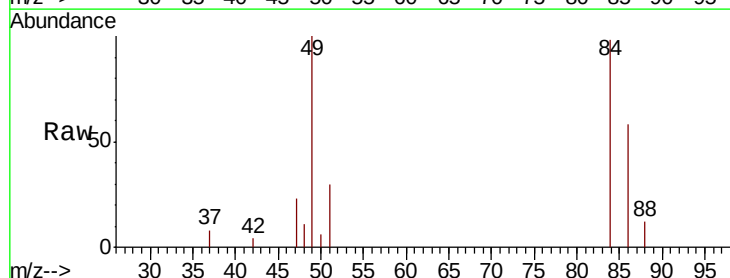
Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

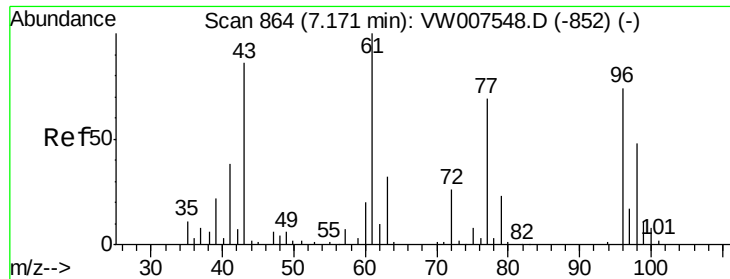
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
74 4.5 21.1 31.7#



#20
Methylene Chloride
Concen: 3.698 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 84 Resp: 4263
Ion Ratio Lower Upper
84 100
49 101.6 87.1 130.7
51 30.5 28.2 42.2
86 59.0 50.8 76.2

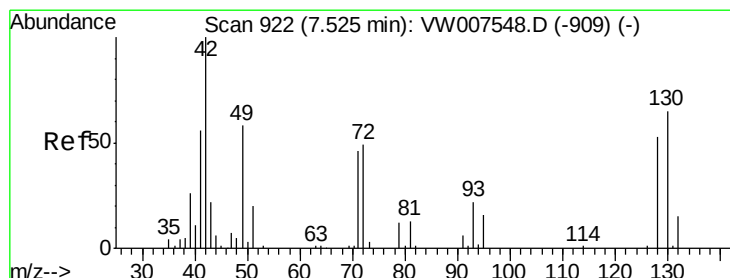
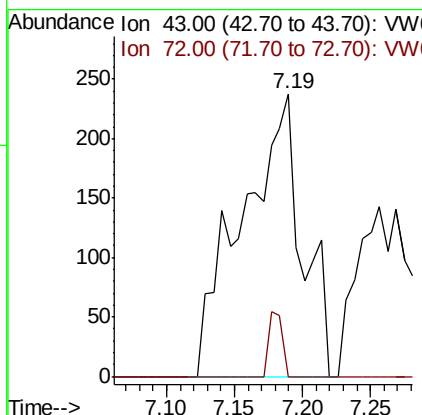
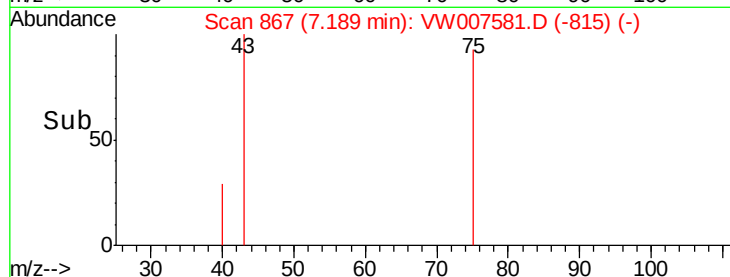
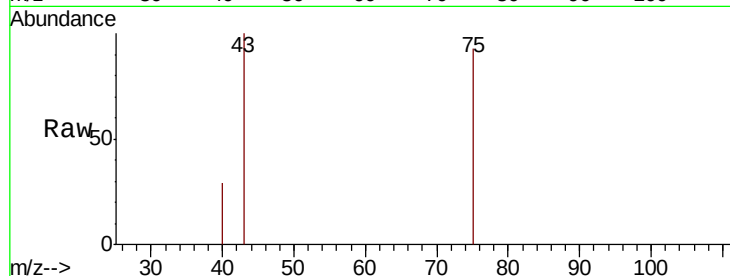




#25
 2-Butanone
 Concen: 5.269 ug/l
 RT: 7.19 min Scan# 867
 Delta R.T. 0.02 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

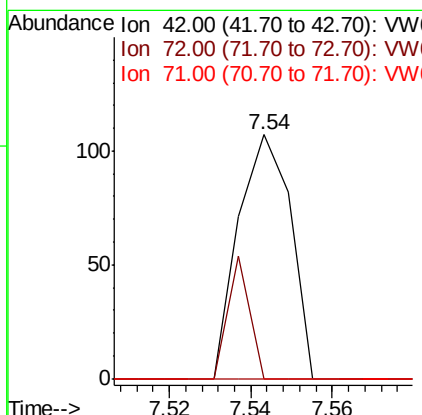
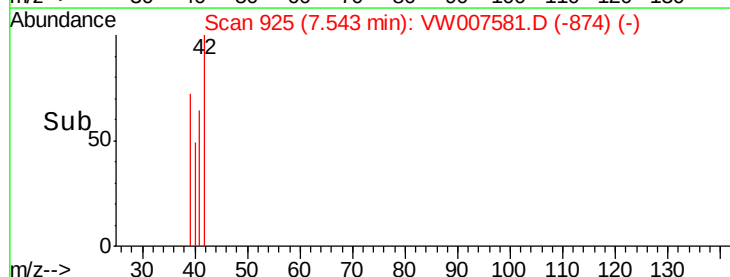
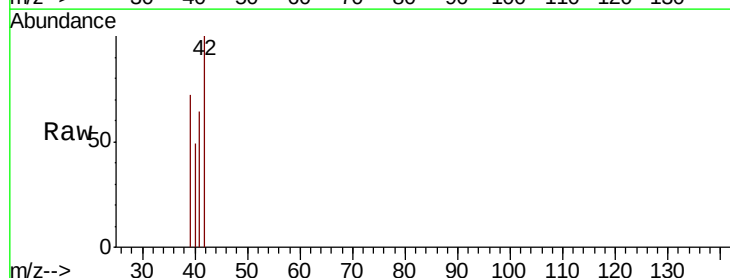
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0002-01

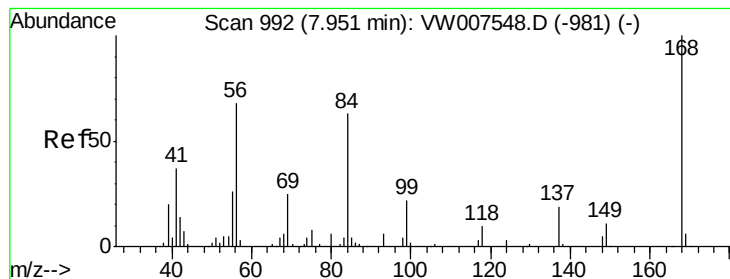
Tgt Ion: 43 Resp: 732
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.4 35.2#



#29
 Tetrahydrofuran
 Concen: 1.080 ug/l
 RT: 7.54 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

Tgt Ion: 42 Resp: 95
 Ion Ratio Lower Upper
 42 100
 72 21.1 38.2 57.4#
 71 0.0 35.5 53.3#





#31

Cyclohexane

Concen: 1.606 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

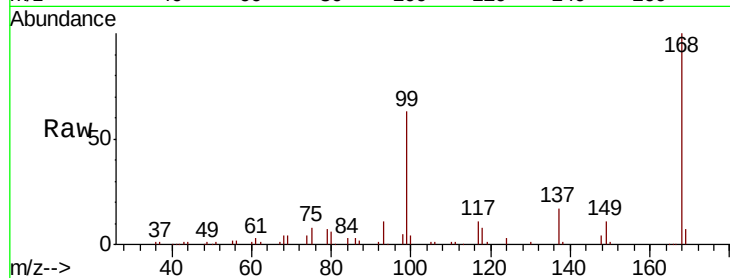
Tgt Ion: 56 Resp: 1520

Ion Ratio Lower Upper

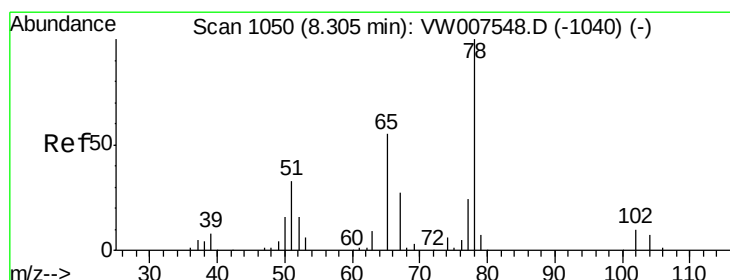
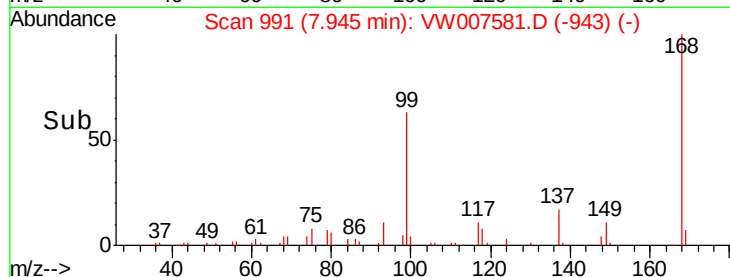
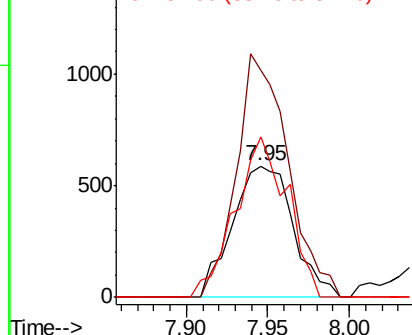
56 100

69 173.0 28.9 43.3#

84 122.3 71.8 107.6#



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



#33

1,2-Dichloroethane-d4

Concen: 57.693 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007581.D

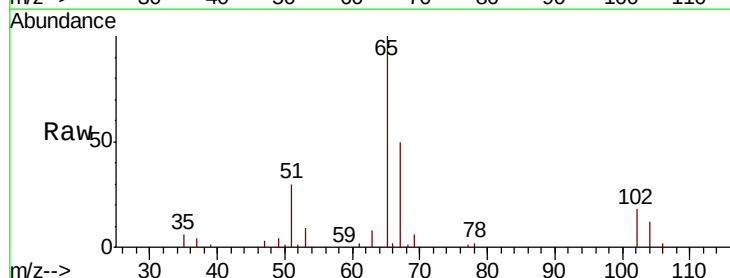
Acq: 15 Dec 2018 14:52

Tgt Ion: 65 Resp: 35148

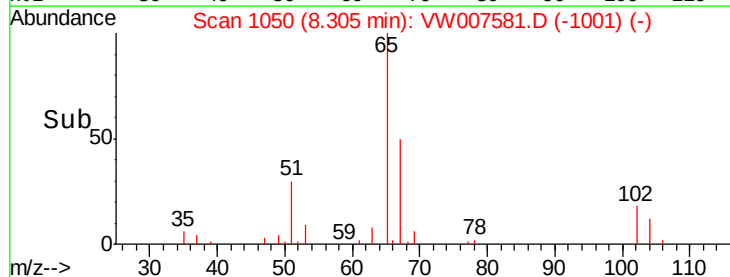
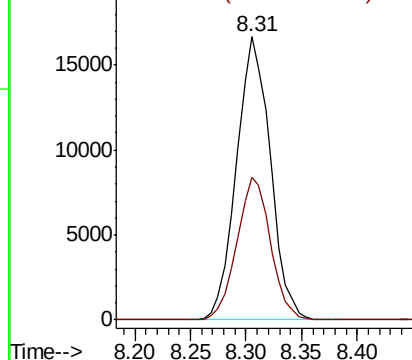
Ion Ratio Lower Upper

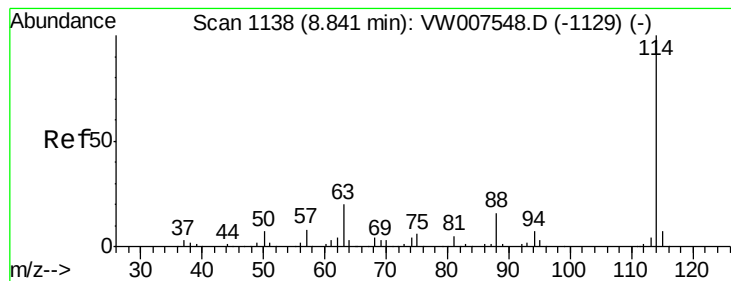
65 100

67 50.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

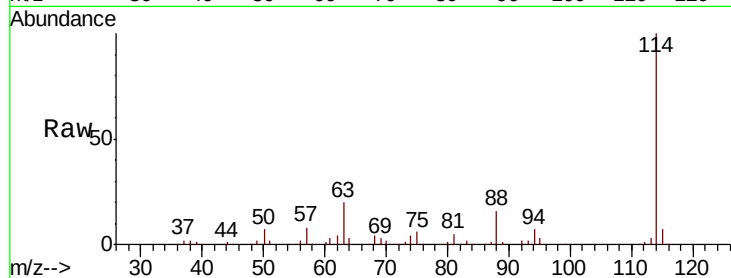
Tgt Ion:114 Resp: 88561

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

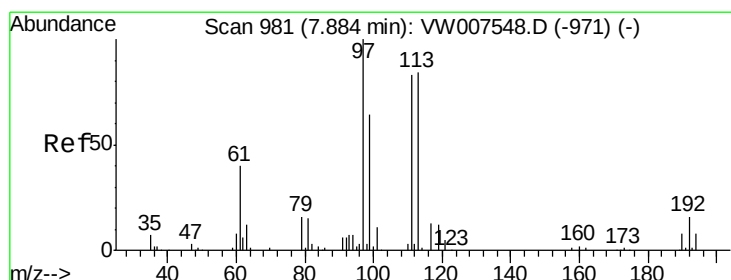
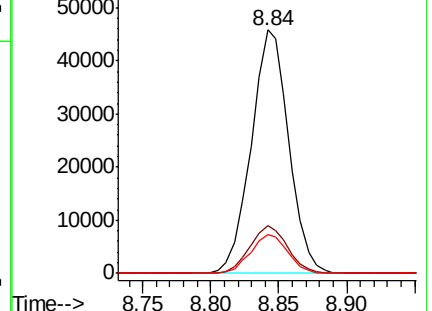
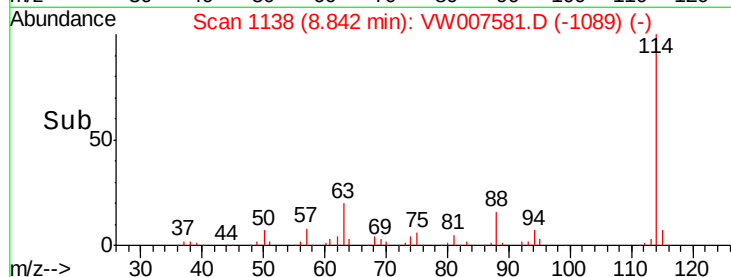
88 16.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 59.790 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

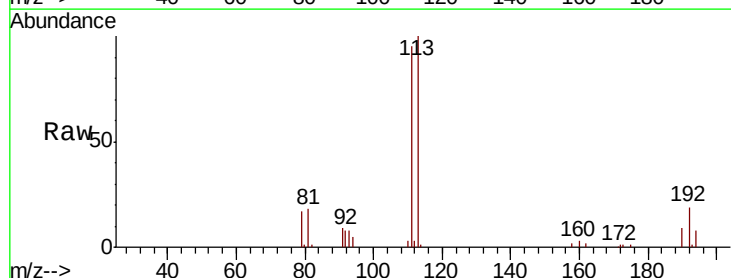
Tgt Ion:113 Resp: 32053

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

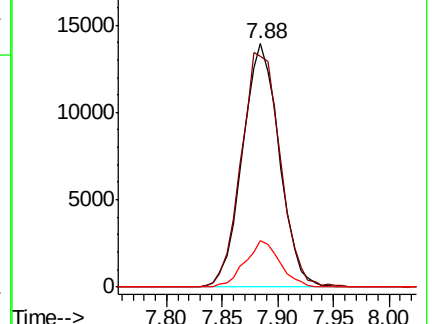
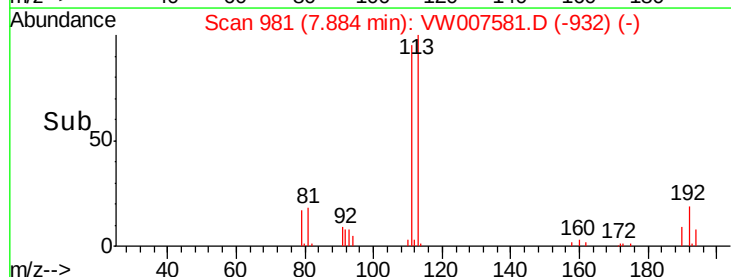
192 18.0 14.6 21.8

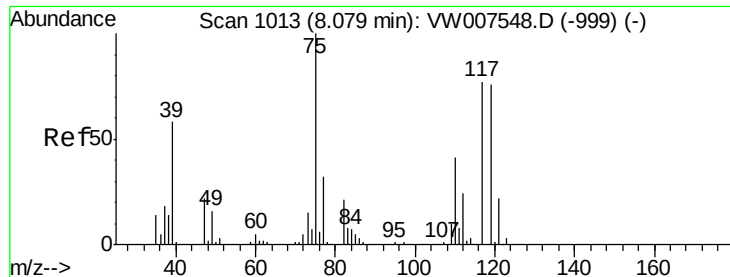


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.358 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

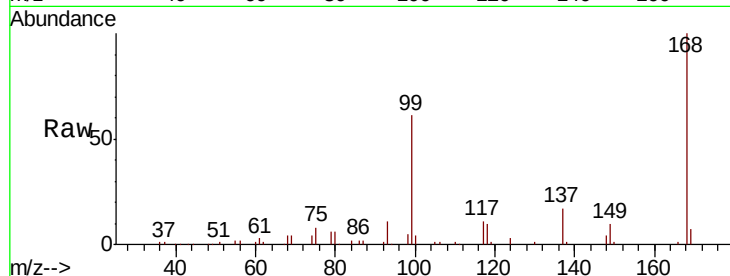
Tgt Ion: 75 Resp: 4329

Ion Ratio Lower Upper

75 100

110 9.9 18.5 55.5#

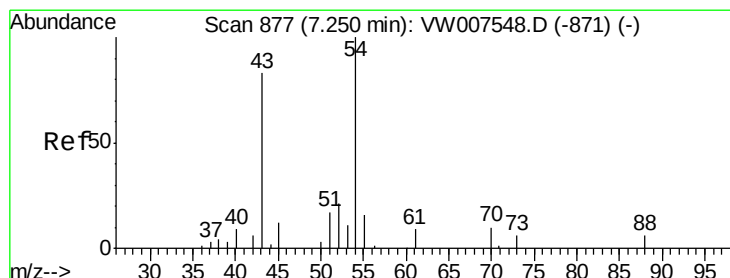
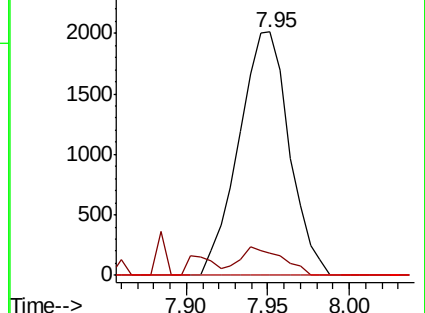
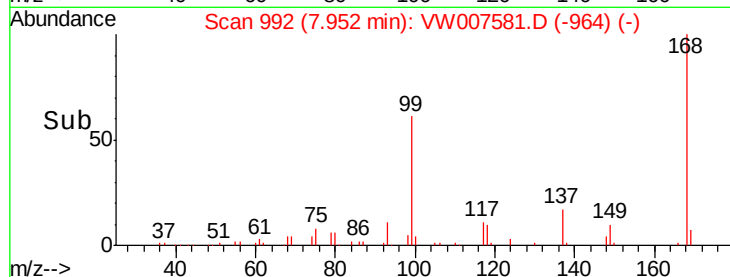
77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 1.315 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

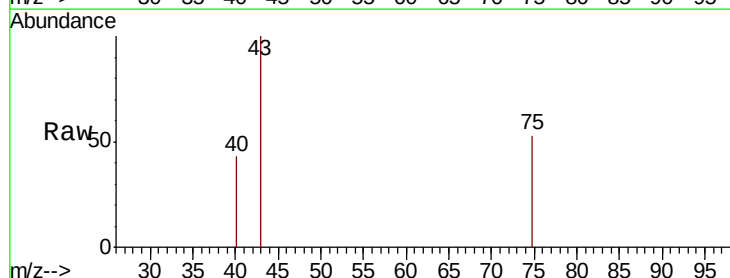
Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

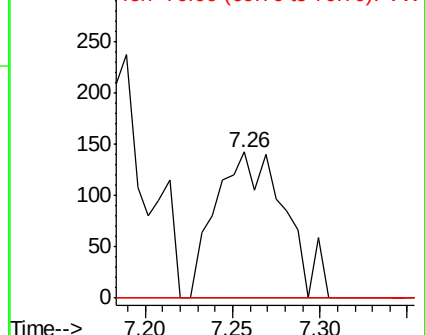
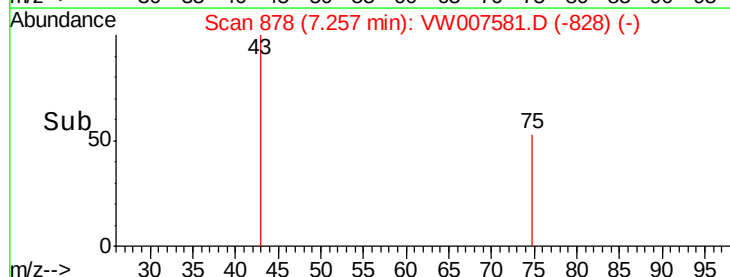
70 0.0 10.0 15.0#

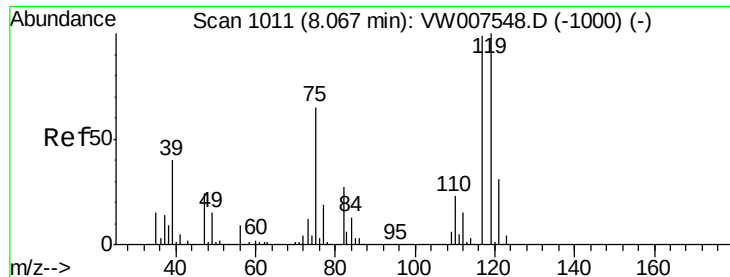


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

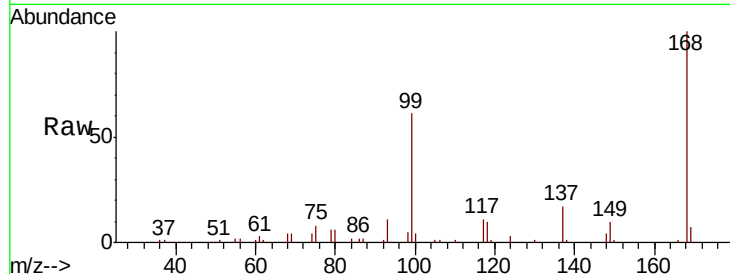




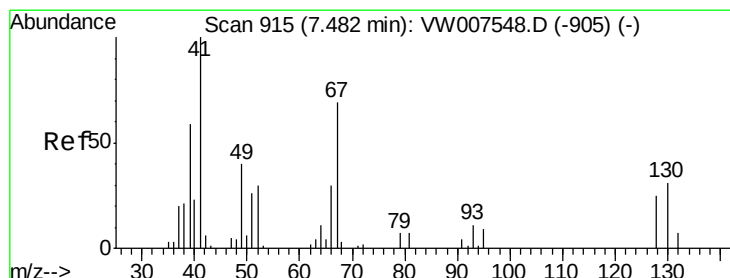
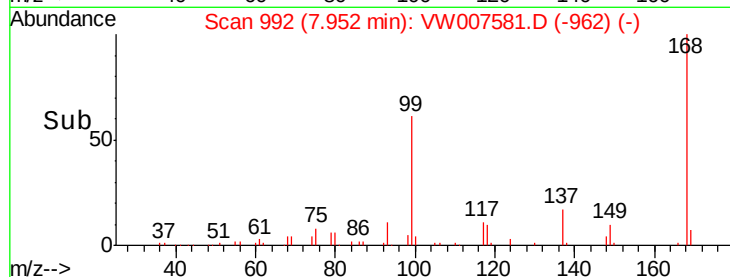
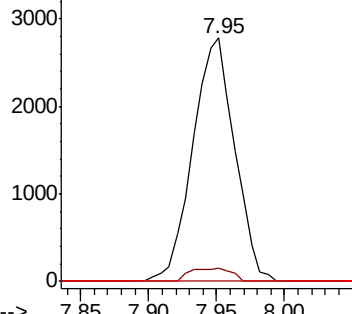
#38
Carbon Tetrachloride
Concen: 6.839 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 117 Resp: 6012
Ion Ratio Lower Upper
117 100
119 5.5 74.3 111.5#
121 0.0 24.3 36.5#

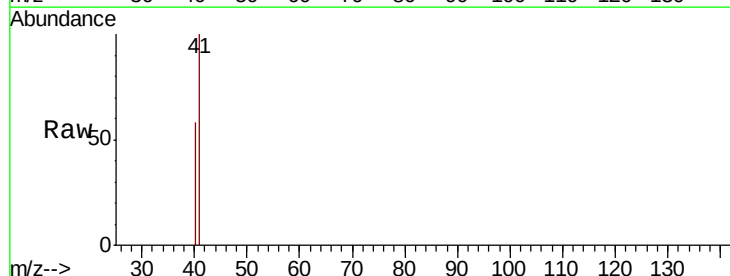


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

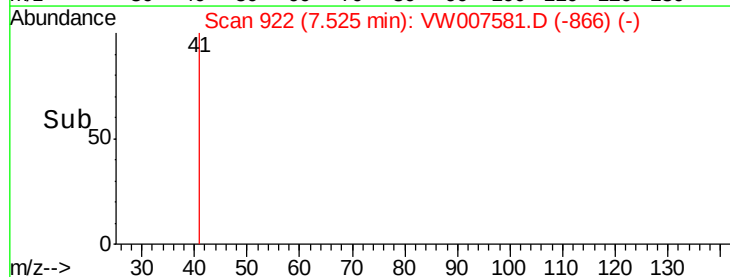
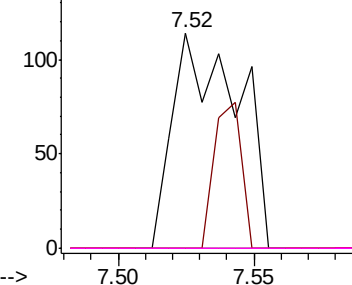


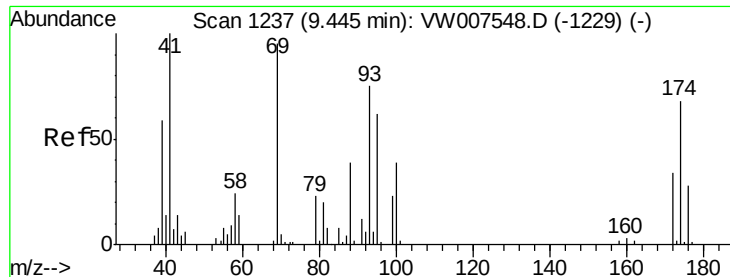
#41
Methacrylonitrile
Concen: 1.105 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.04 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 41 Resp: 189
Ion Ratio Lower Upper
41 100
39 28.0 52.2 78.2#
67 0.0 60.5 90.7#
52 0.0 25.3 37.9#



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

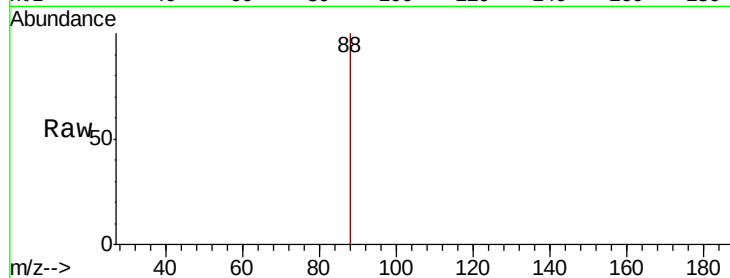




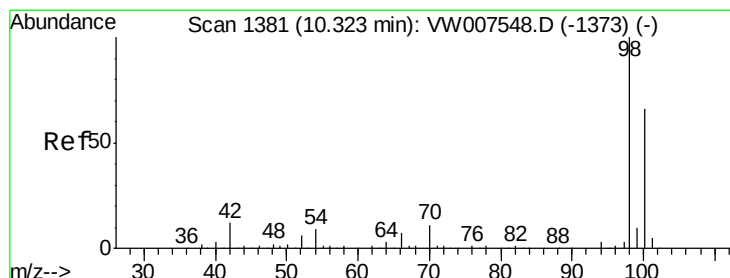
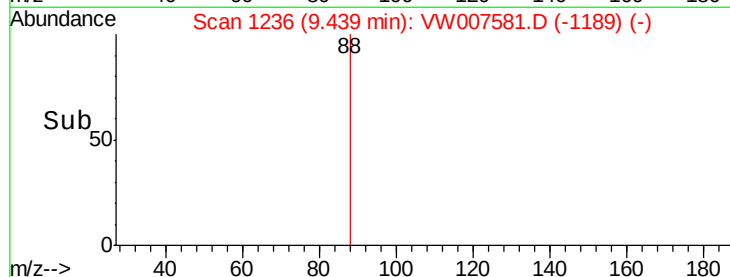
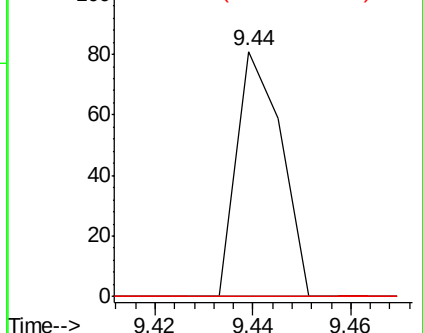
#49
1,4-Dioxane
Concen: 10.668 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 0.0 25.0 37.4#
58 0.0 51.4 77.2#

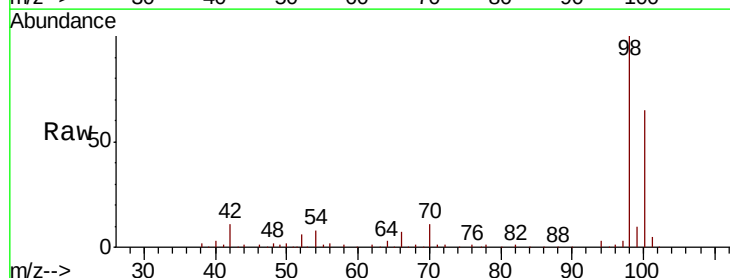


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

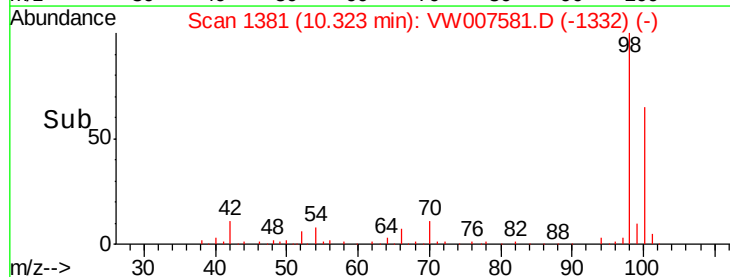
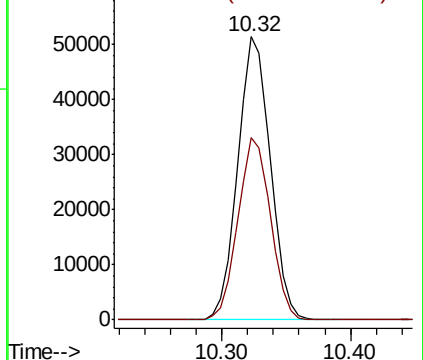


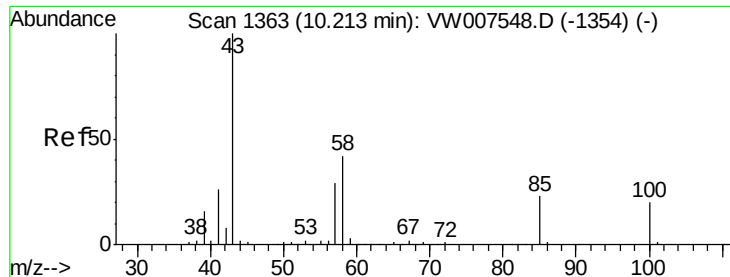
#50
Toluene-d8
Concen: 44.737 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 98 Resp: 89925
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 2.189 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

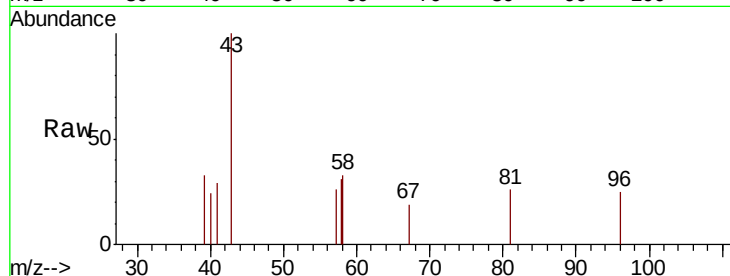
P001-SS002-0002-01

Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

58 33.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

300

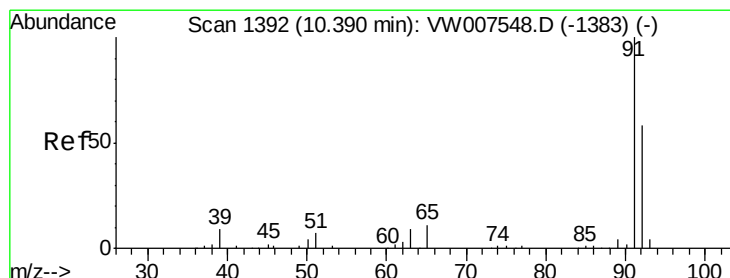
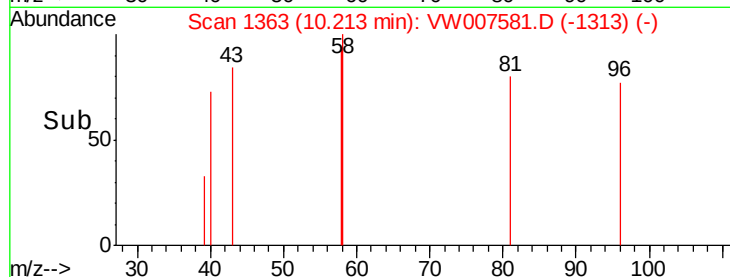
200

100

0

10.15 10.20 10.25

Time-->



#52

Toluene

Concen: 2.507 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007581.D

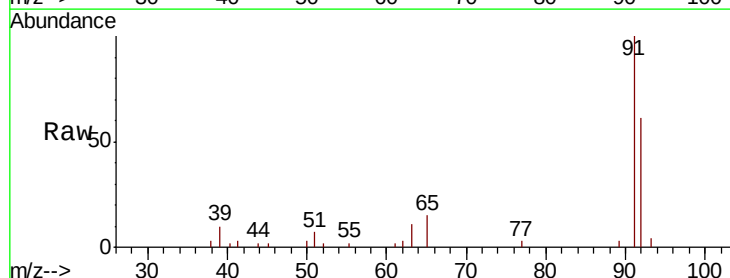
Acq: 15 Dec 2018 14:52

Tgt Ion: 92 Resp: 3637

Ion Ratio Lower Upper

92 100

91 162.8 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

4000

3000

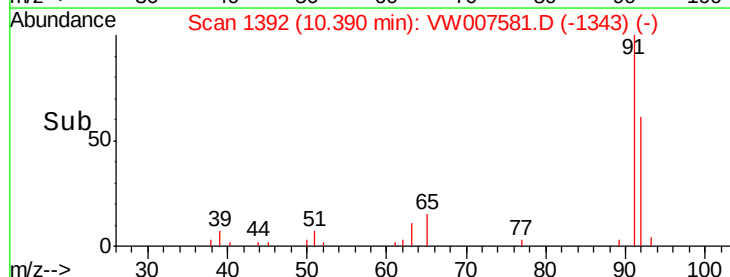
2000

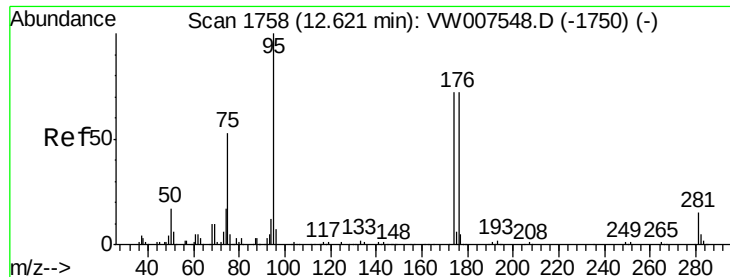
1000

0

10.30 10.35 10.40 10.45

Time-->

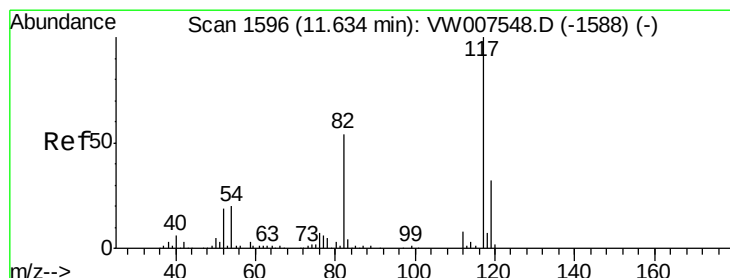
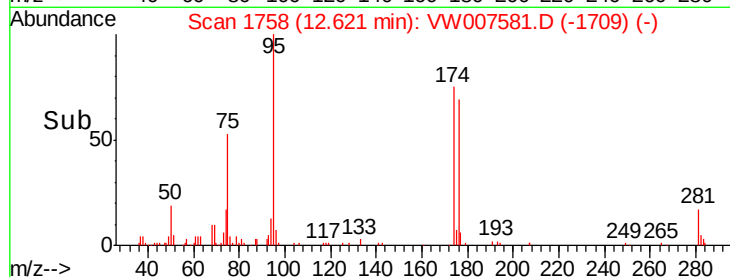
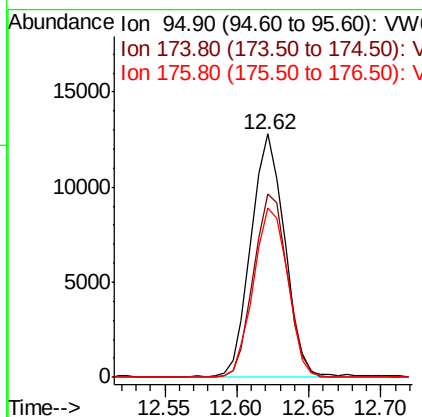
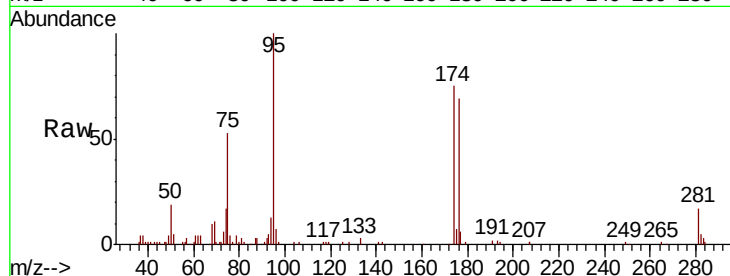




#62
4-Bromofluorobenzene
Concen: 28.096 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

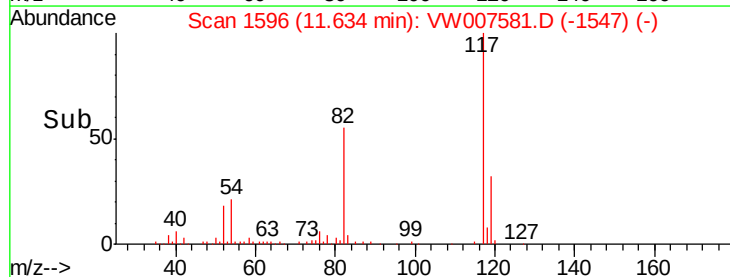
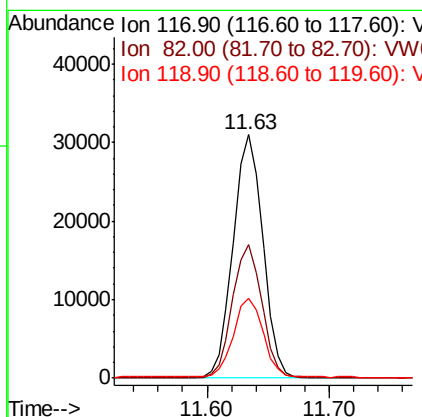
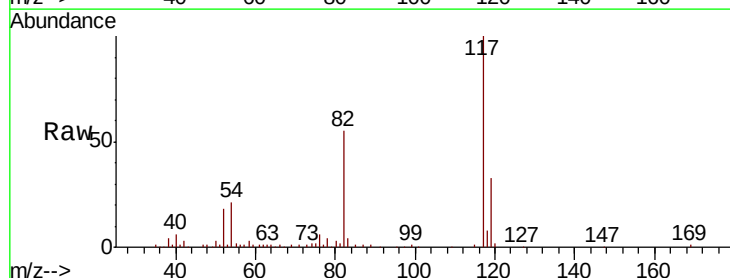
Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

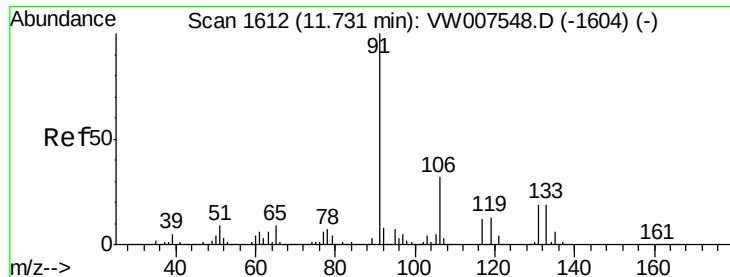
Tgt Ion: 95 Resp: 20764
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.2
176 70.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 117 Resp: 52238
Ion Ratio Lower Upper
117 100
82 54.7 42.3 63.5
119 32.2 23.0 34.6





#67

Ethyl Benzene

Concen: 2.190 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

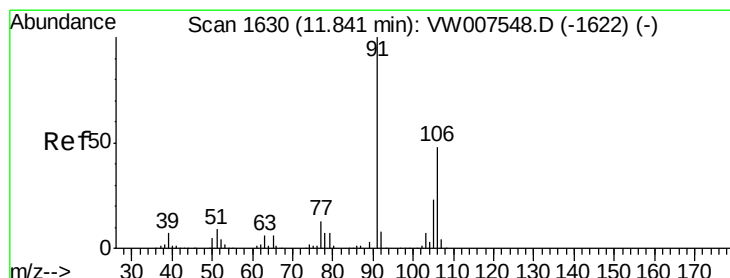
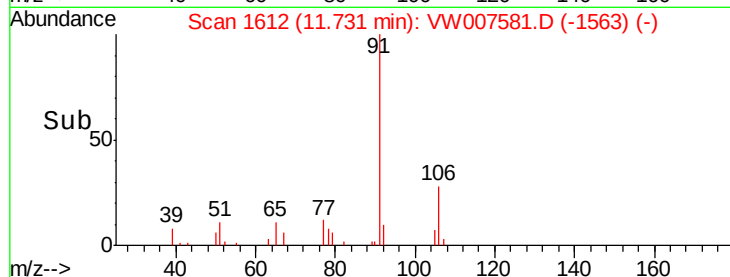
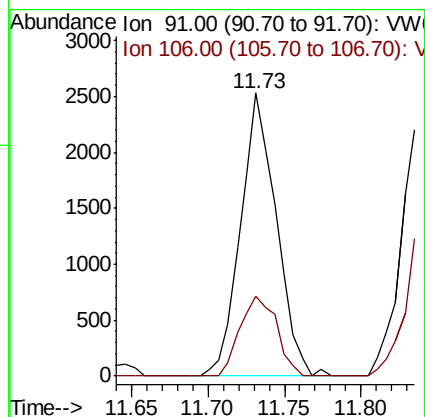
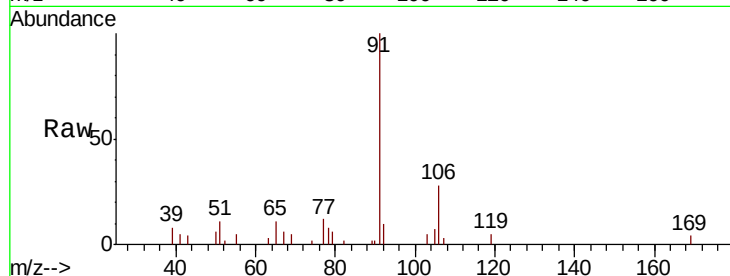
P001-SS002-0002-01

Tgt Ion: 91 Resp: 4099

Ion Ratio Lower Upper

91 100

106 28.2 21.8 32.8



#68

m/p-Xylenes

Concen: 3.115 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW007581.D

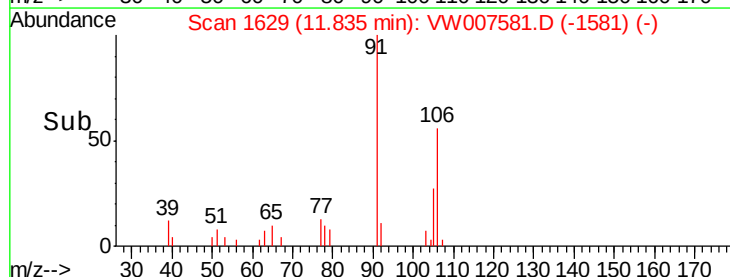
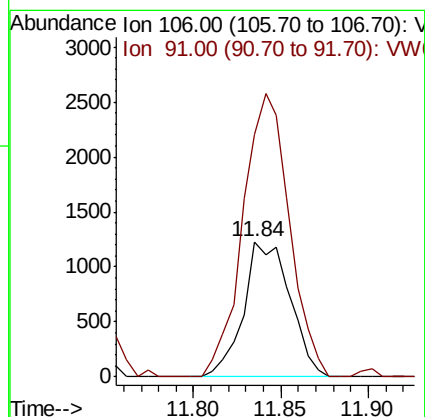
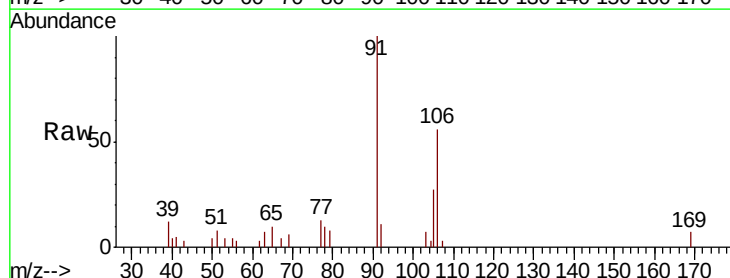
Acq: 15 Dec 2018 14:52

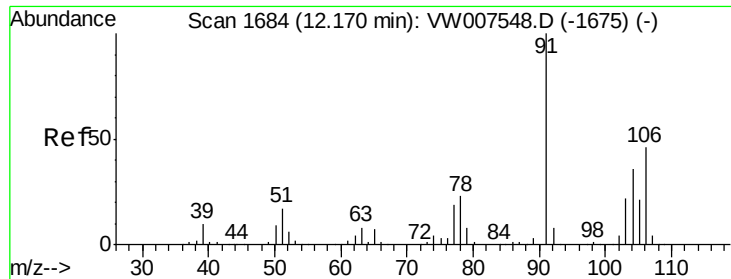
Tgt Ion: 106 Resp: 2267

Ion Ratio Lower Upper

106 100

91 210.3 165.3 247.9

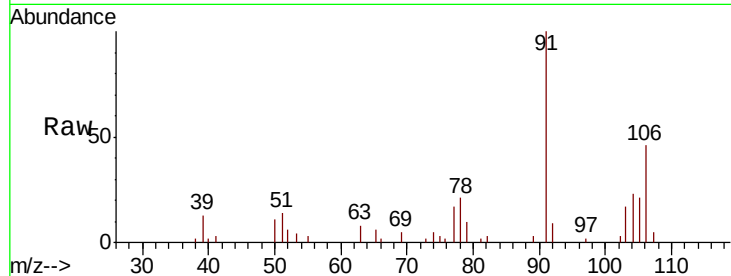




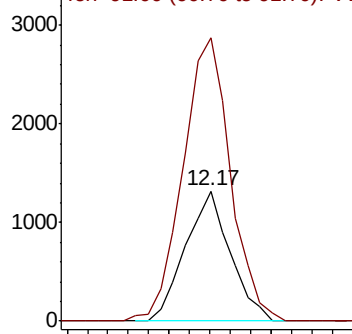
#69
o-Xylene
Concen: 2.959 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

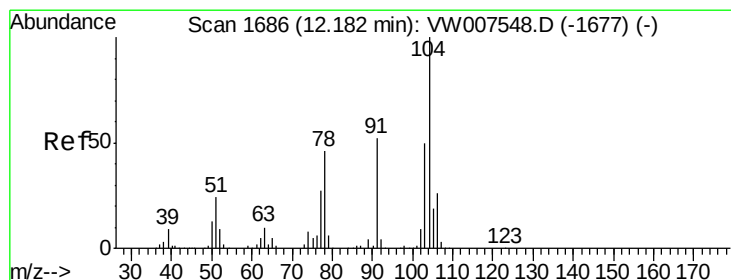
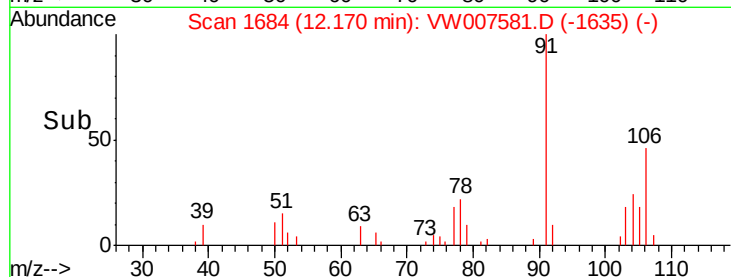
Tgt Ion:106 Resp: 2011
Ion Ratio Lower Upper
106 100
91 230.5 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

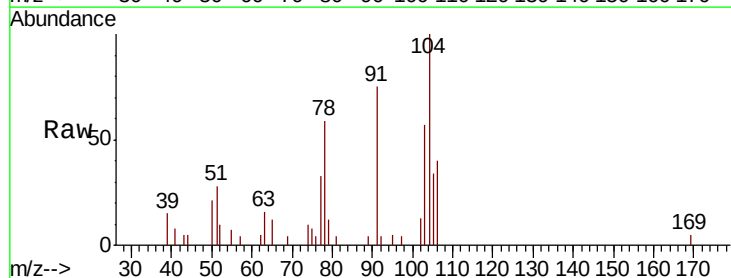


Time--> 12.10 12.15 12.20

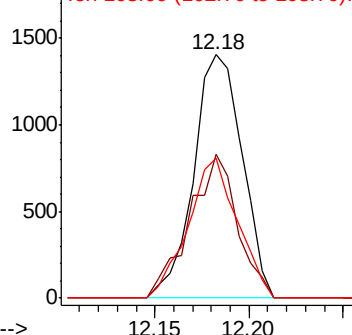


#70
Styrene
Concen: 2.281 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

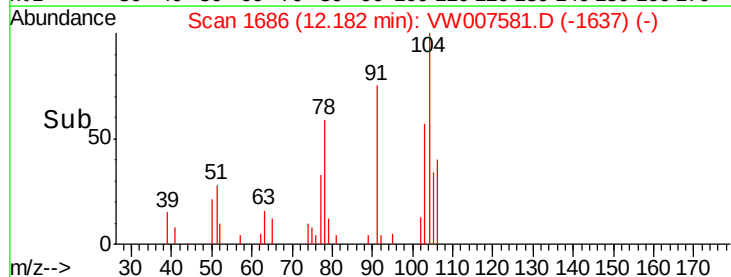
Tgt Ion:104 Resp: 2504
Ion Ratio Lower Upper
104 100
78 58.3 41.8 62.8
103 58.4 46.6 69.8

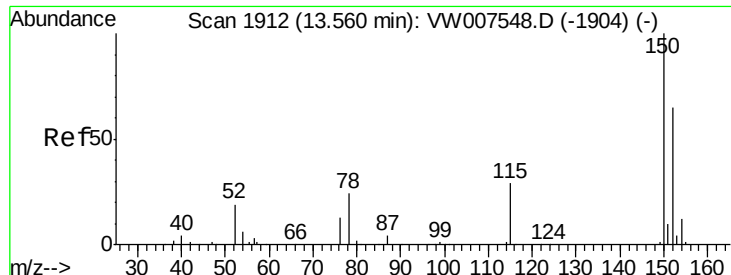


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V



Time--> 12.15 12.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

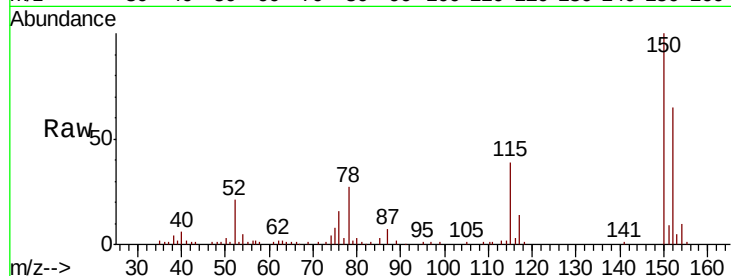
Tgt Ion:152 Resp: 12867

Ion Ratio Lower Upper

152 100

115 68.1 31.4 94.2

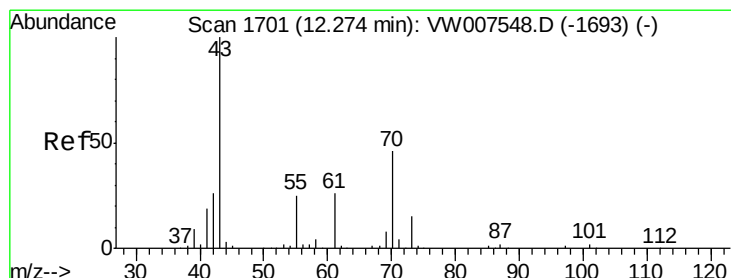
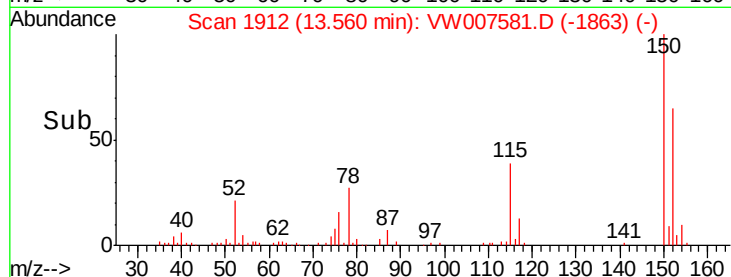
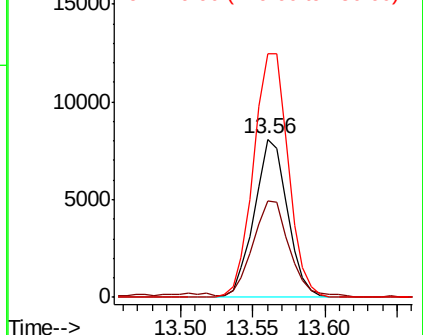
150 160.4 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.406 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Tgt Ion: 43 Resp: 252

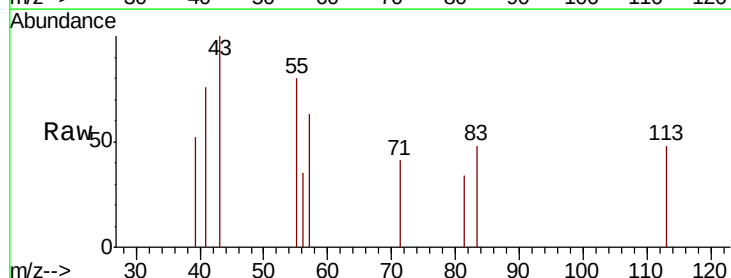
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 42.9 20.1 30.1#

61 0.0 19.3 28.9#

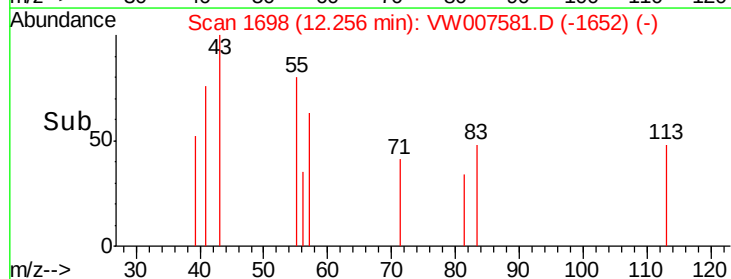
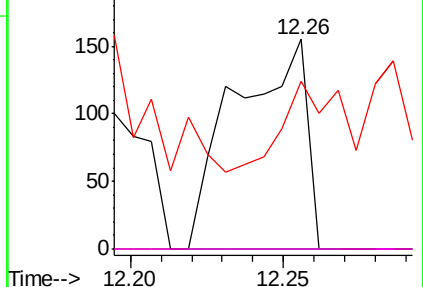


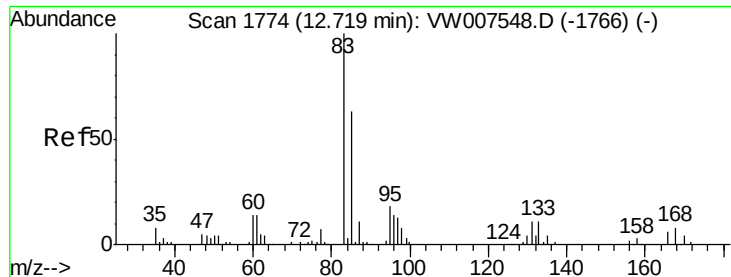
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 1.123 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

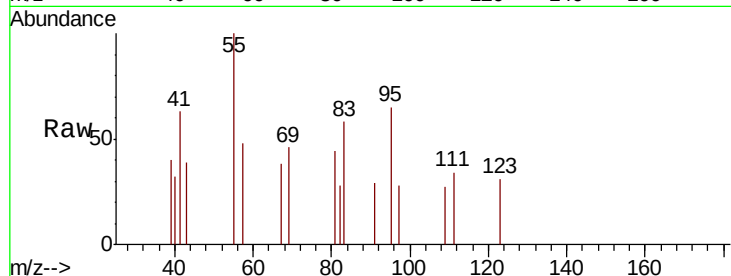
Tgt Ion: 83 Resp: 164

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

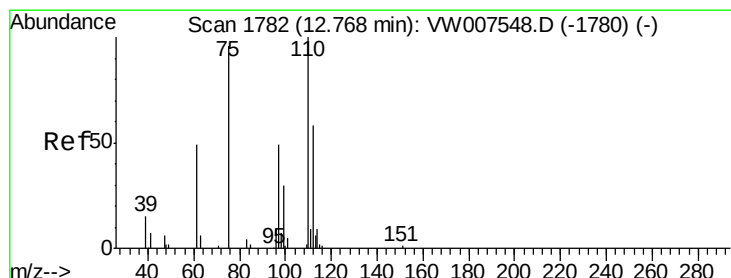
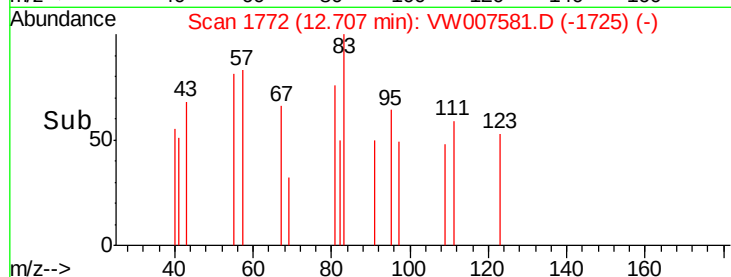
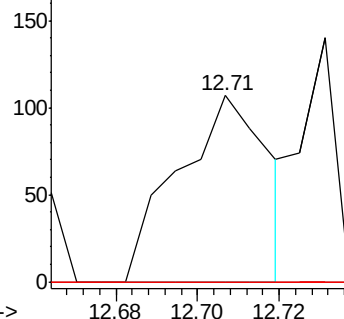
85 0.0 30.0 90.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 102.468 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007581.D

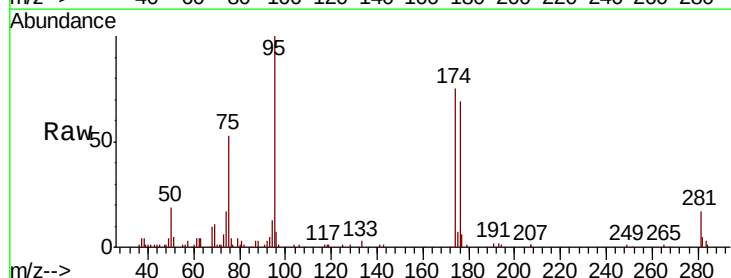
Acq: 15 Dec 2018 14:52

Tgt Ion: 75 Resp: 10871

Ion Ratio Lower Upper

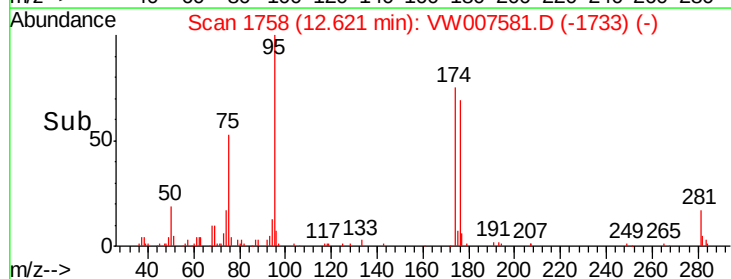
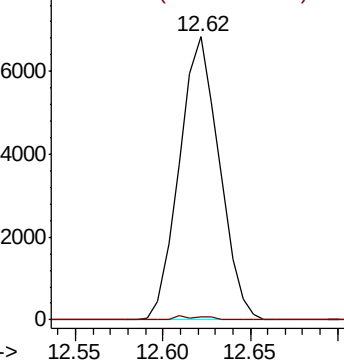
75 100

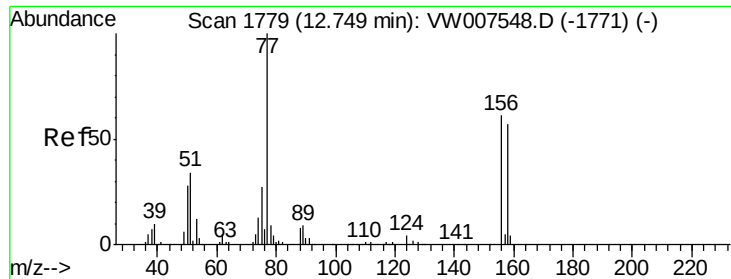
77 1.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 8.964 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.19 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

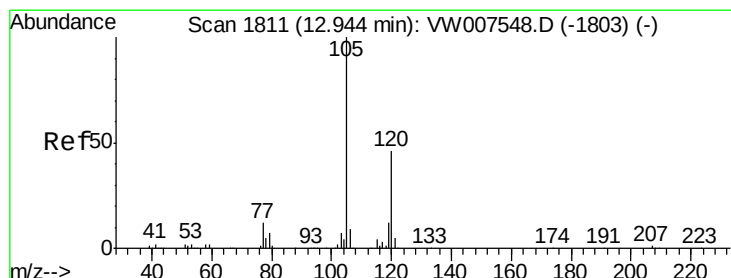
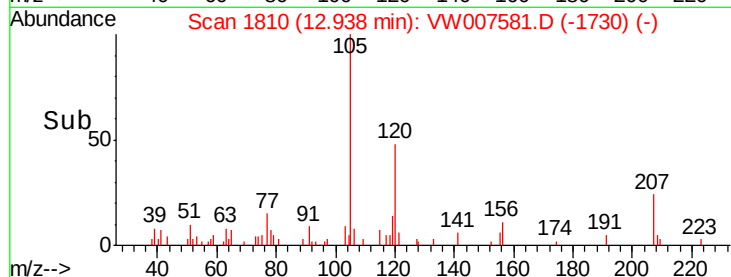
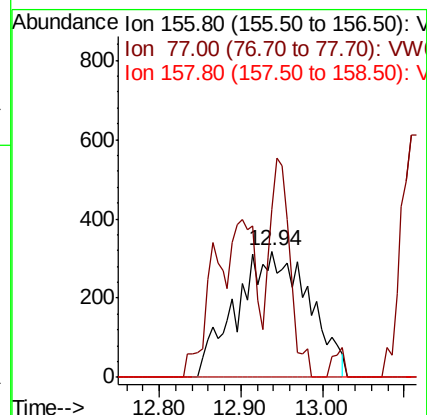
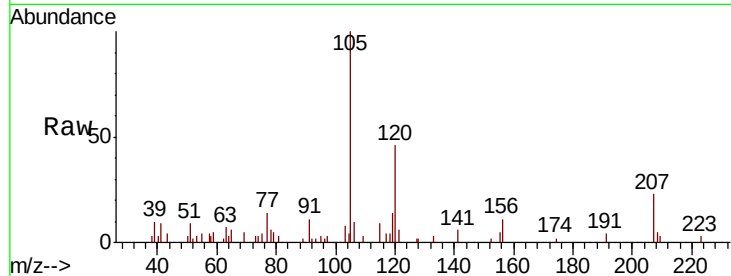
Tgt Ion:156 Resp: 1959

Ion Ratio Lower Upper

156 100

77 49.3 88.1 264.4#

158 0.0 45.6 136.7#



#80

1,3,5-Trimethylbenzene

Concen: 7.718 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW007581.D

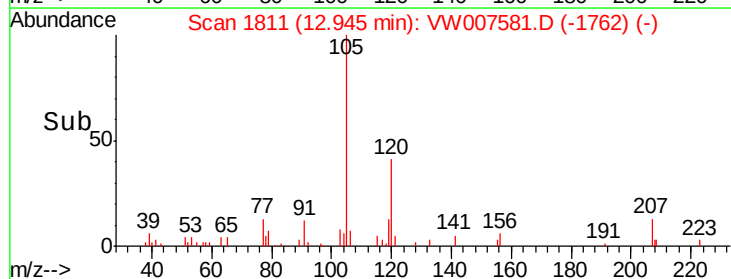
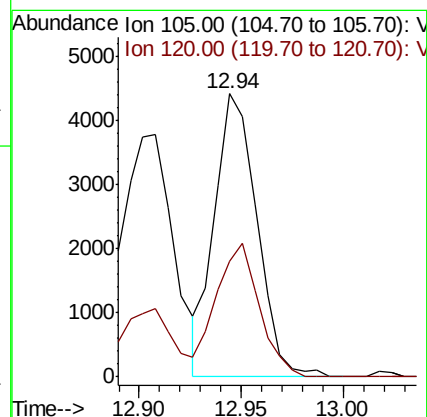
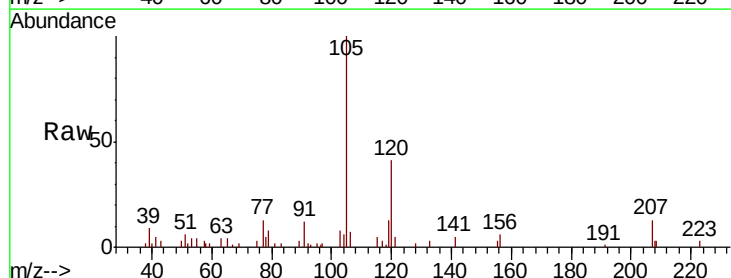
Acq: 15 Dec 2018 14:52

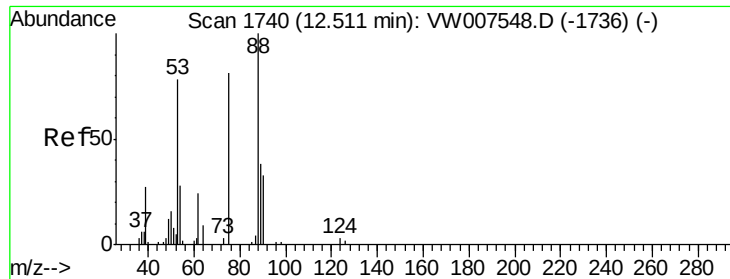
Tgt Ion:105 Resp: 6394

Ion Ratio Lower Upper

105 100

120 47.7 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 226.352 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

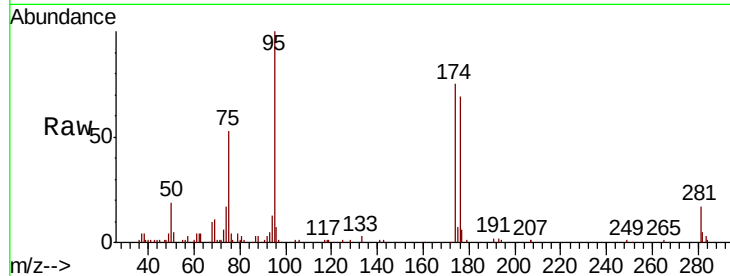
Tgt Ion: 75 Resp: 10871

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

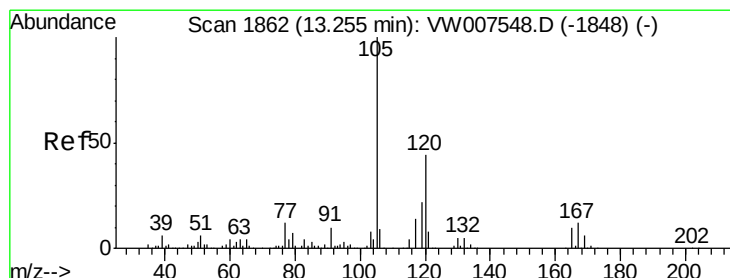
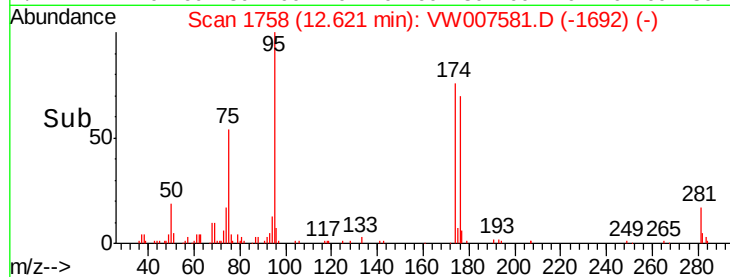
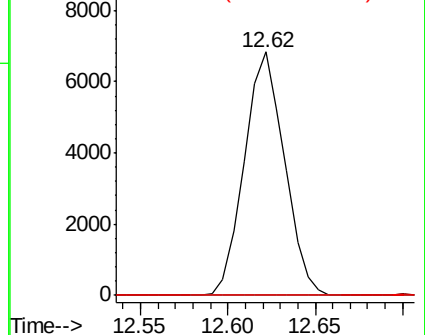
89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#84

1,2,4-Trimethylbenzene

Concen: 2.511 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW007581.D

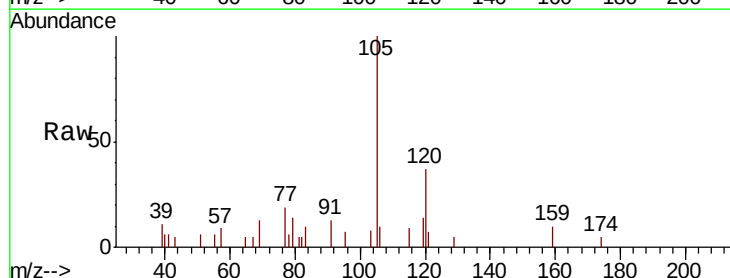
Acq: 15 Dec 2018 14:52

Tgt Ion: 105 Resp: 2141

Ion Ratio Lower Upper

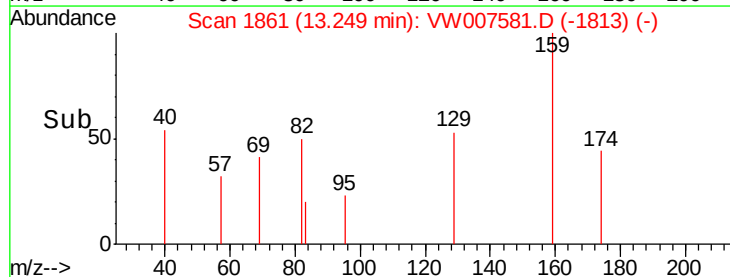
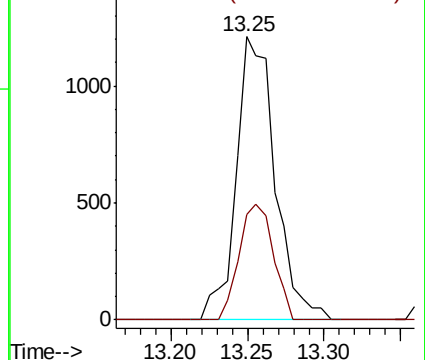
105 100

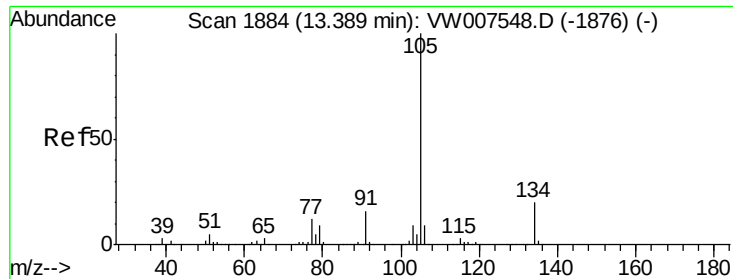
120 35.8 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

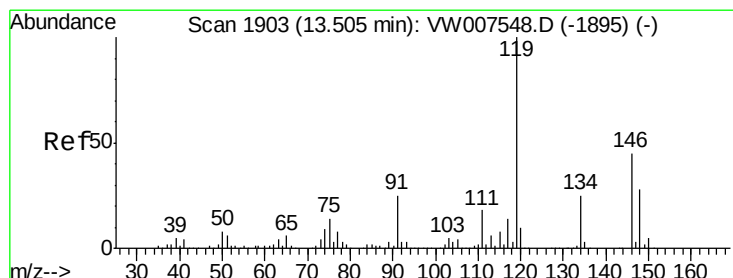
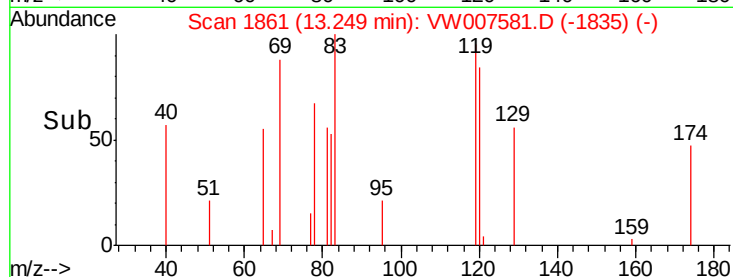
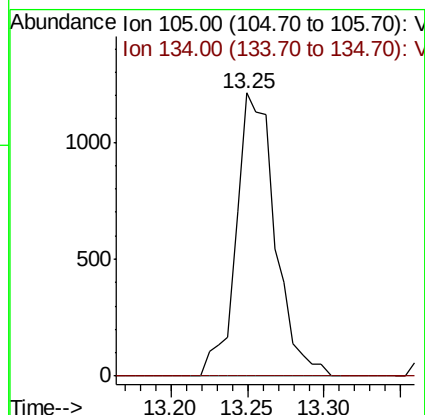
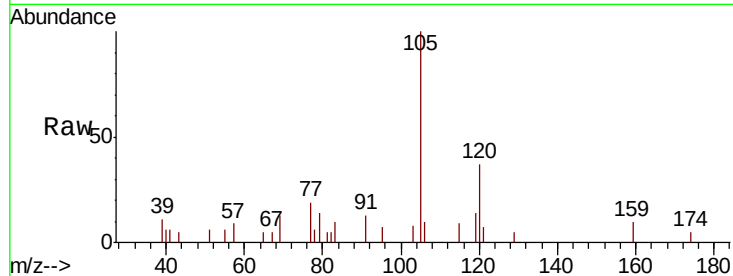




#85
 sec-Butylbenzene
 Concen: 2.149 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.14 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

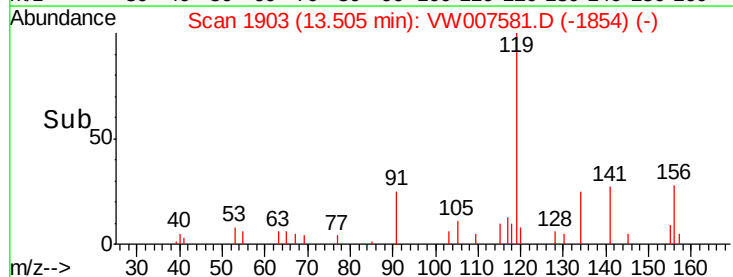
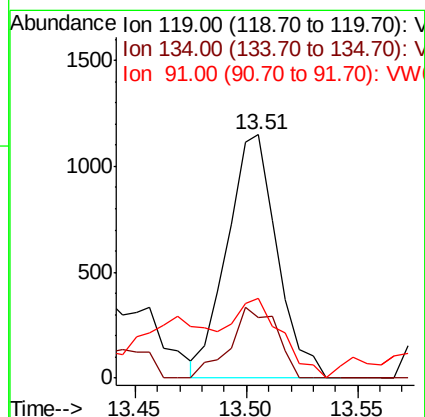
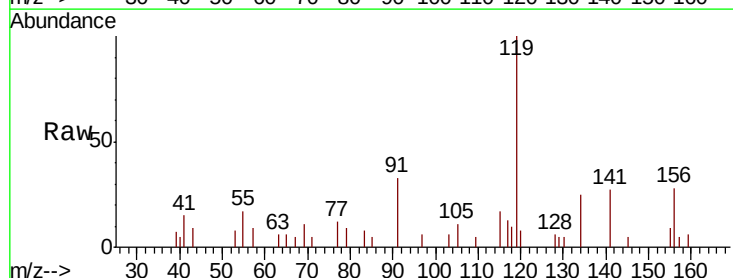
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0002-01

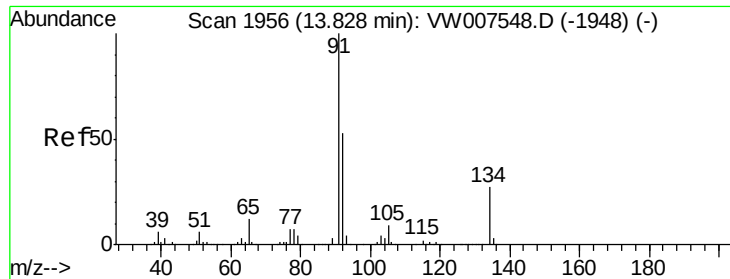
Tgt Ion:105 Resp: 2141
 Ion Ratio Lower Upper
 105 100
 134 0.0 11.1 33.3#



#86
 p-Isopropyltoluene
 Concen: 2.006 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

Tgt Ion:119 Resp: 1796
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.9 38.7
 91 32.0 11.9 35.9





#89

n-Butylbenzene

Concen: 1.100 ug/l

RT: 13.80 min Scan# 1951

Delta R.T. -0.03 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

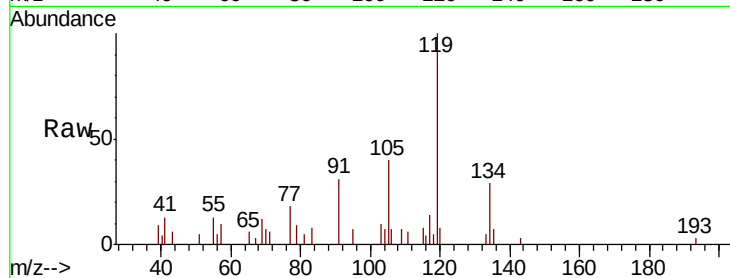
Tgt Ion: 91 Resp: 913

Ion Ratio Lower Upper

91 100

92 0.0 25.7 77.1#

134 112.7 13.4 40.2#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

800

600

400

200

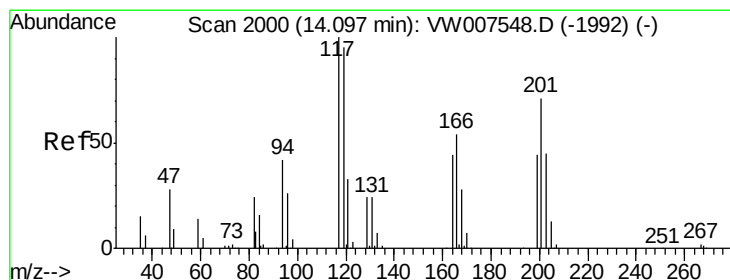
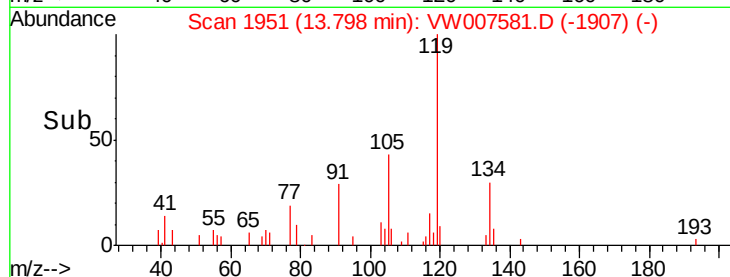
0

13.75

13.80

13.85

Time-->



#90

Hexachloroethane

Concen: 2.342 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007581.D

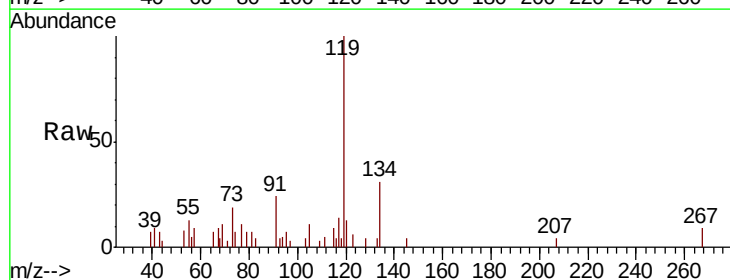
Acq: 15 Dec 2018 14:52

Tgt Ion: 117 Resp: 373

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

250

200

150

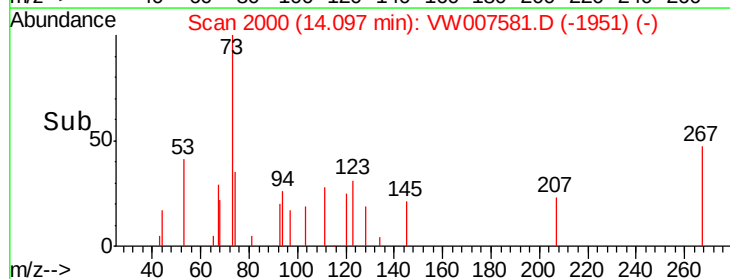
100

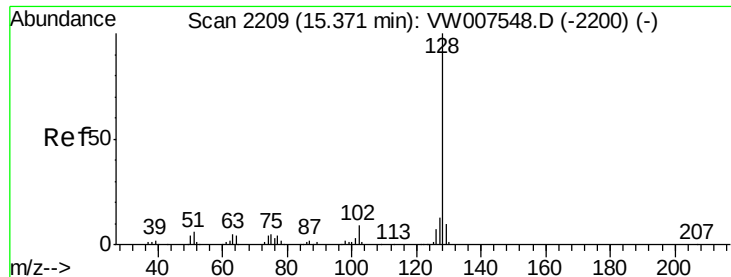
50

0

14.10

Time-->





#95
 Naphthalene
 Concen: 7.229 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0002-01

Tgt Ion:128 Resp: 3714
 Ion Ratio Lower Upper
 128 100
 127 16.0 10.2 15.4#
 129 15.7 8.3 12.5#

