

Data File : VW006837.D
Acq On : 13 Nov 2018 06:08
Operator : SY/AP
Sample : J5860-09
Misc : 5.33G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-112(14-16)

Quant Time: Nov 13 07:17:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	350662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	496399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	490109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	256199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135280	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	7.89	113	135891	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.33	98	528356	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
62) 4-Bromofluorobenzene	12.62	95	188245	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	

Target Compounds

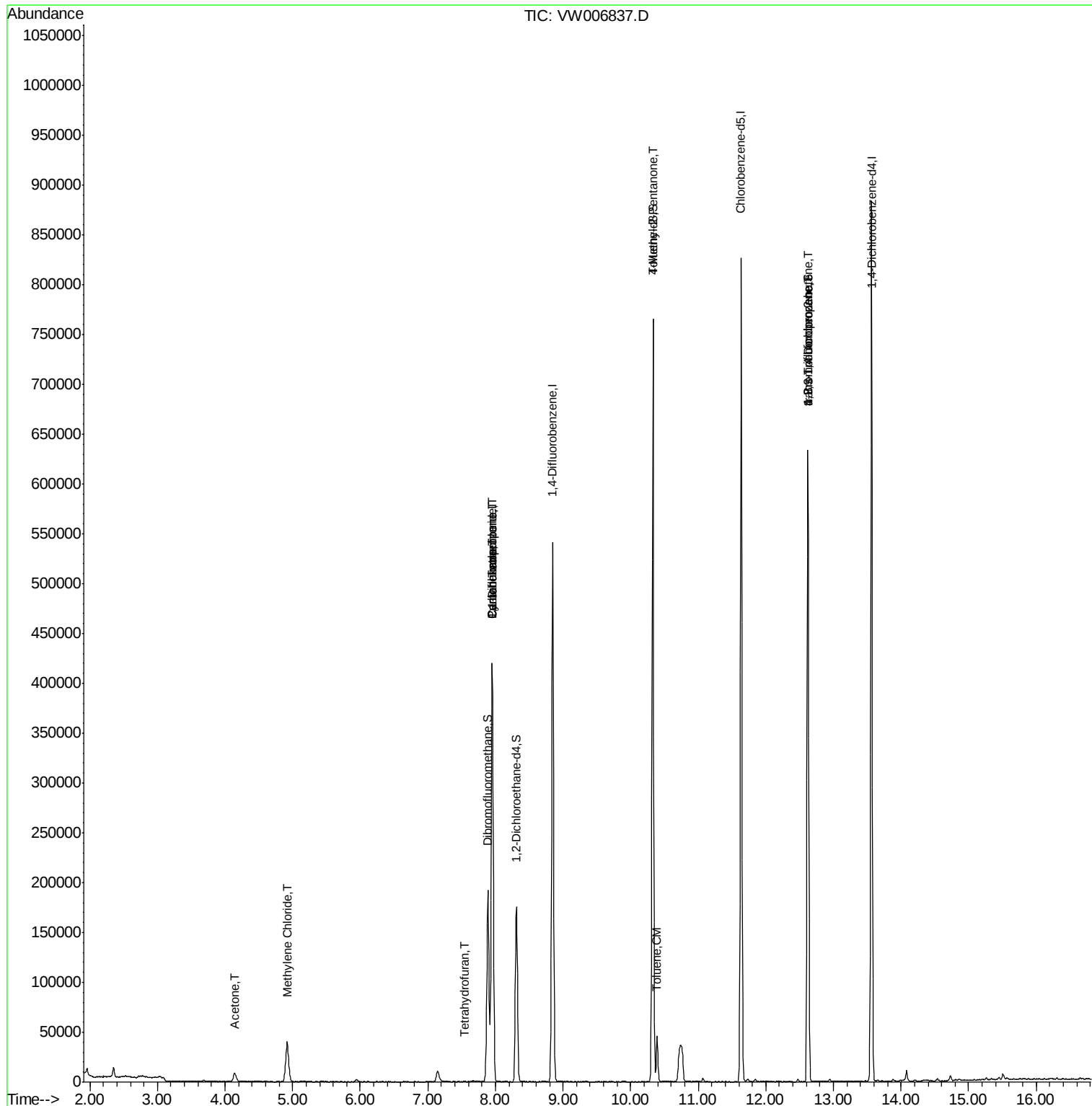
						Qvalue
16) Acetone	4.14	43	16330	44.357	ug/l	97
20) Methylene Chloride	4.92	84	32100	4.887	ug/l	98
29) Tetrahydrofuran	7.54	42	406	1.019	ug/l #	39
31) Cyclohexane	7.95	56	5523	1.124	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	21324	4.590	ug/l #	47
38) Carbon Tetrachloride	7.95	117	29851	5.912	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1923	1.298	ug/l #	1
52) Toluene	10.39	92	20320	2.219	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	90711	49.130	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90711	121.527	ug/l #	13

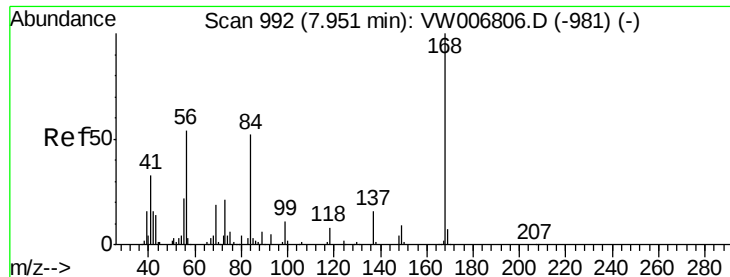
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006837.D

Acq: 13 Nov 2018 06:08

Instrument :

MSVOA_W

ClientSampleId :

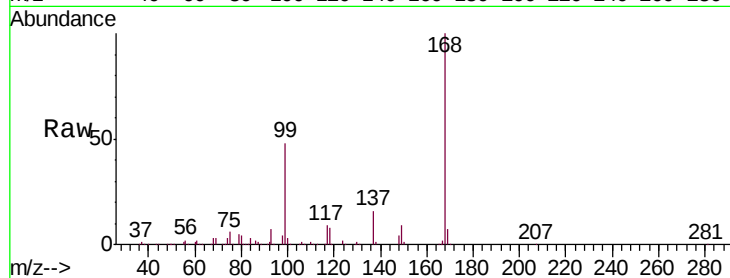
EP2-SB-112(14-16)

Tgt Ion:168 Resp: 350662

Ion Ratio Lower Upper

168 100

99 48.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

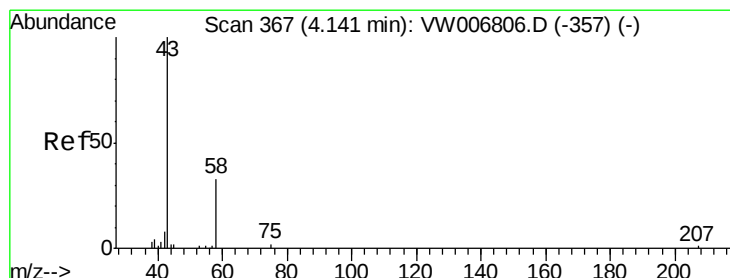
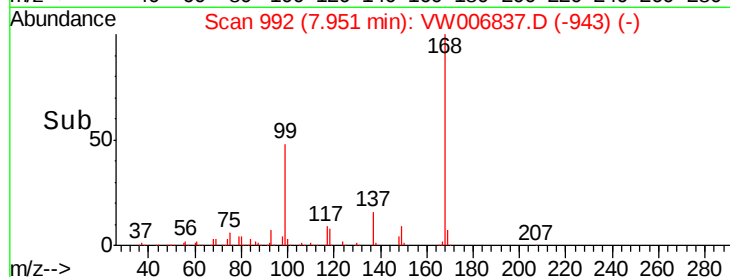
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 44.357 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006837.D

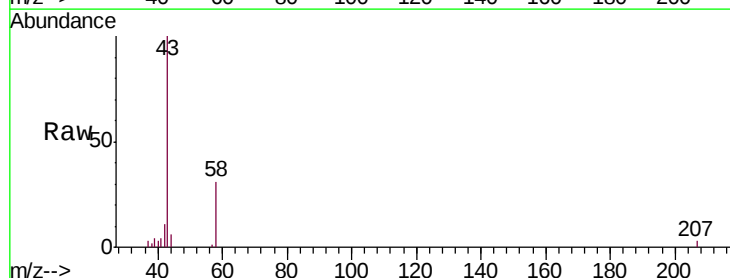
Acq: 13 Nov 2018 06:08

Tgt Ion: 43 Resp: 16330

Ion Ratio Lower Upper

43 100

58 31.4 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

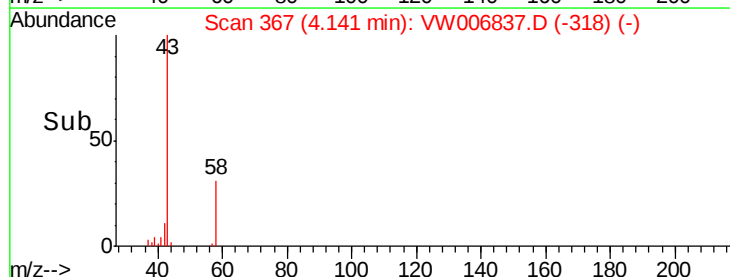
3000

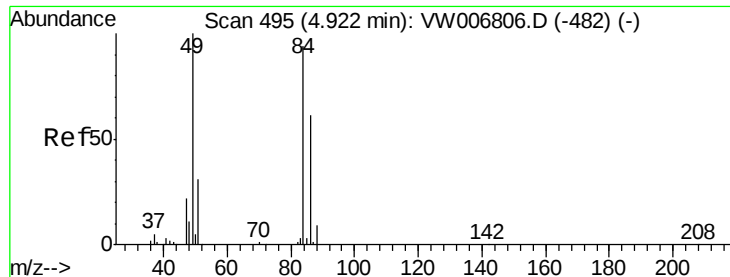
2000

1000

0

Time-->

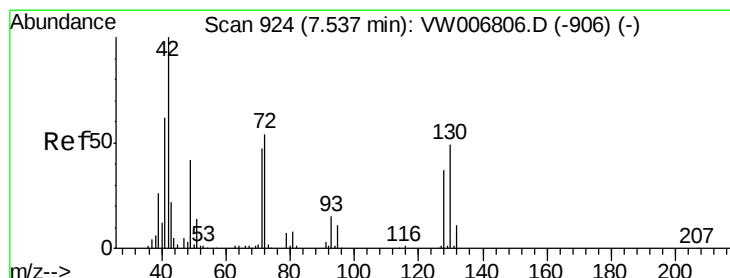
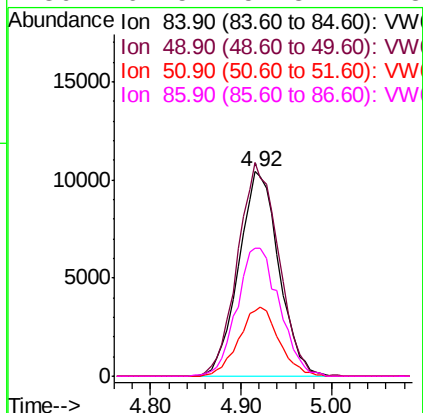
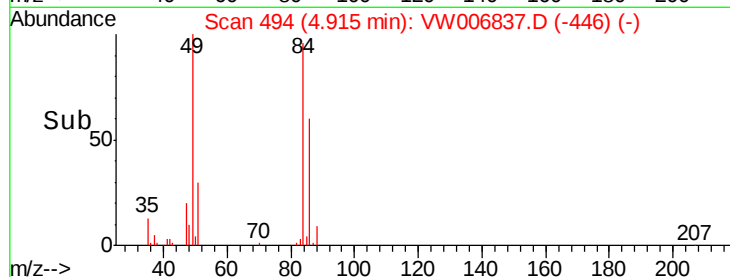
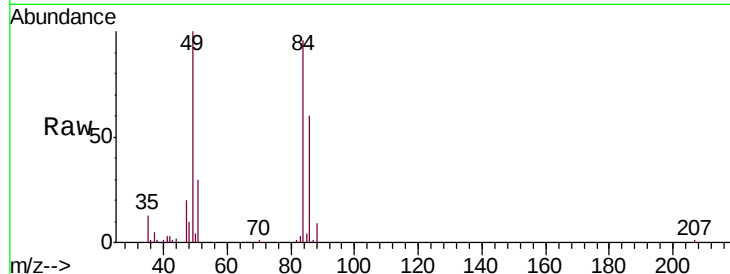




#20
Methylene Chloride
Concen: 4.887 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006837.D
Acq: 13 Nov 2018 06:08

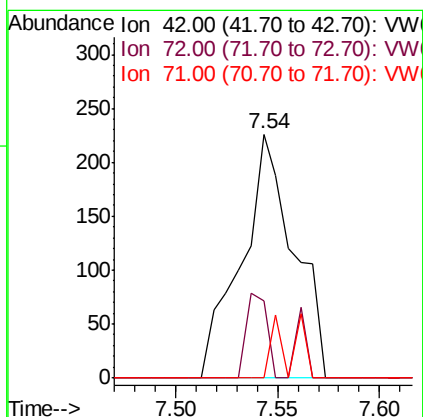
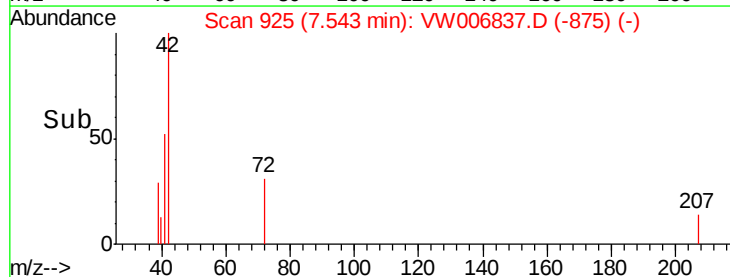
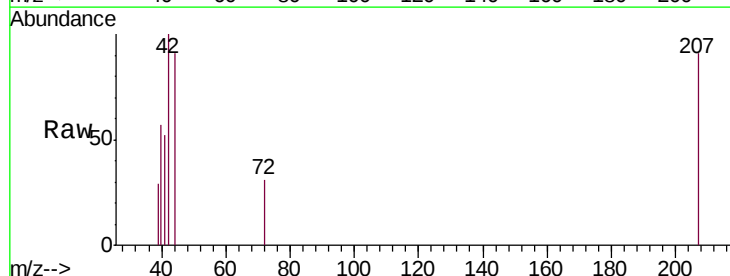
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-112(14-16)

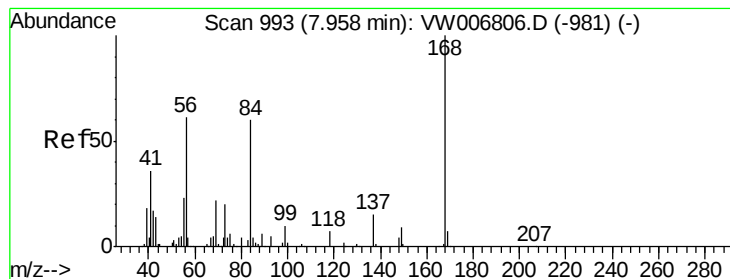
Tgt Ion:	84	Resp:	32100
Ion	Ratio	Lower	Upper
84	100		
49	104.5	84.8	127.2
51	31.7	26.2	39.4
86	62.5	51.8	77.8



#29
Tetrahydrofuran
Concen: 1.019 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006837.D
Acq: 13 Nov 2018 06:08

Tgt Ion:	42	Resp:	406
Ion	Ratio	Lower	Upper
42	100		
72	13.5	40.9	61.3#
71	0.0	36.9	55.3#





#31

Cyclohexane

Concen: 1.124 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006837.D

Acq: 13 Nov 2018 06:08

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-112(14-16)

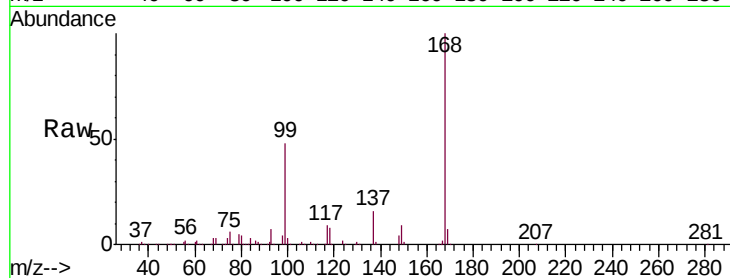
Tgt Ion: 56 Resp: 5523

Ion Ratio Lower Upper

56 100

69 146.1 28.9 43.3#

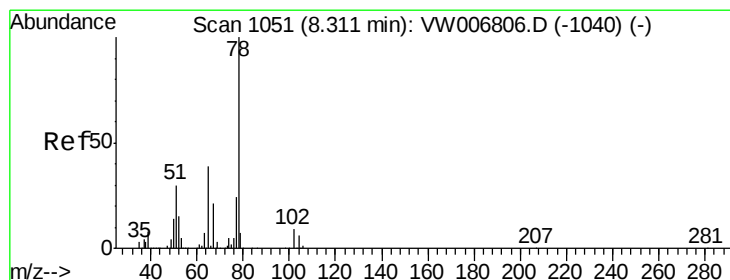
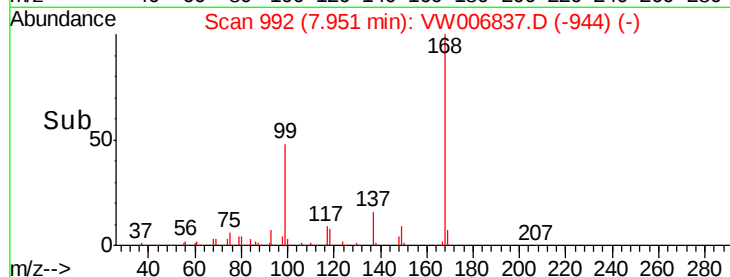
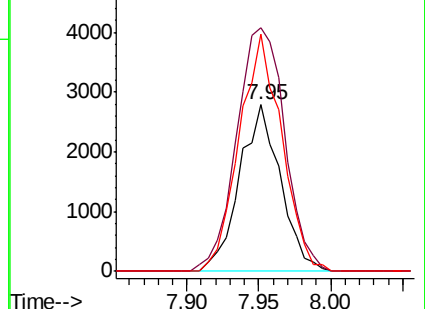
84 142.4 79.0 118.4#



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: 52.773 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006837.D

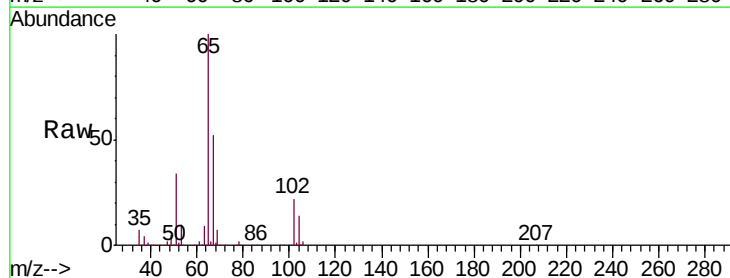
Acq: 13 Nov 2018 06:08

Tgt Ion: 65 Resp: 135280

Ion Ratio Lower Upper

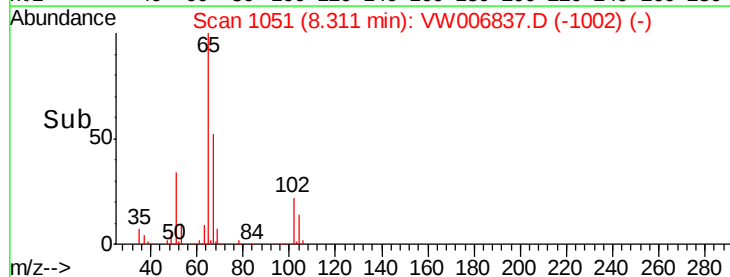
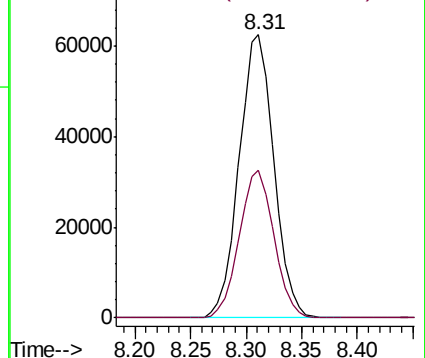
65 100

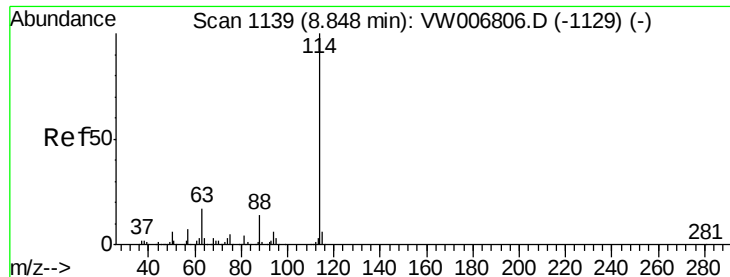
67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

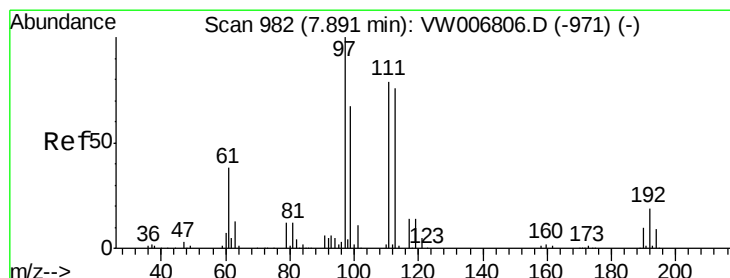
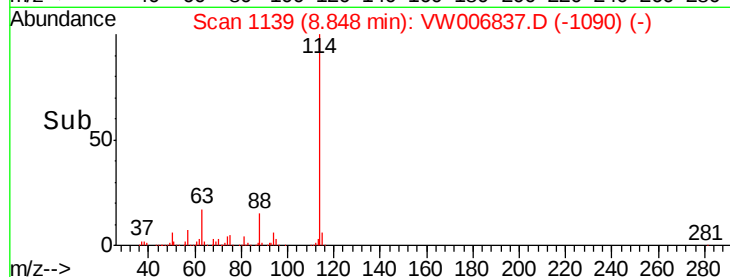
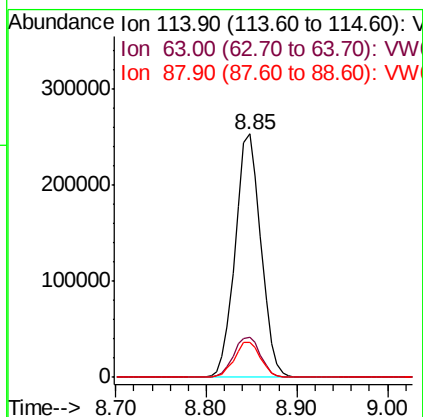
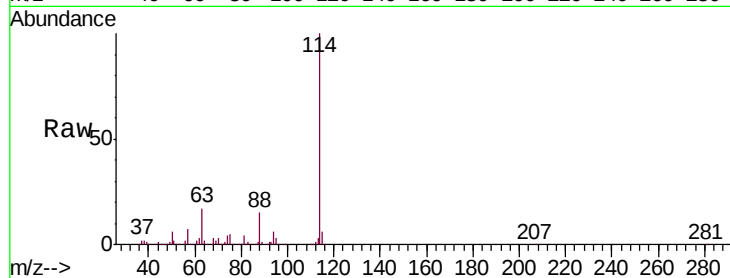




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006837.D
 Acq: 13 Nov 2018 06:08

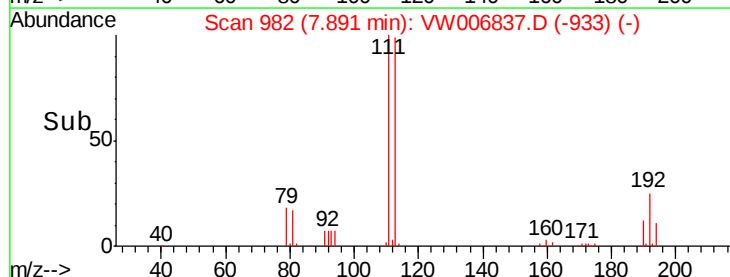
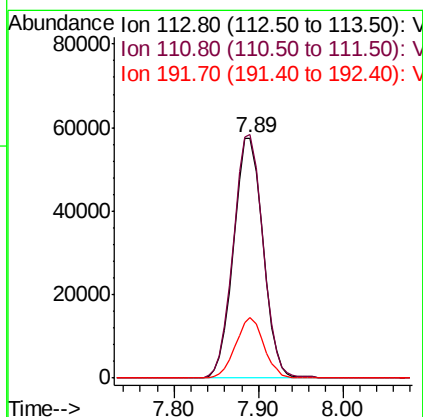
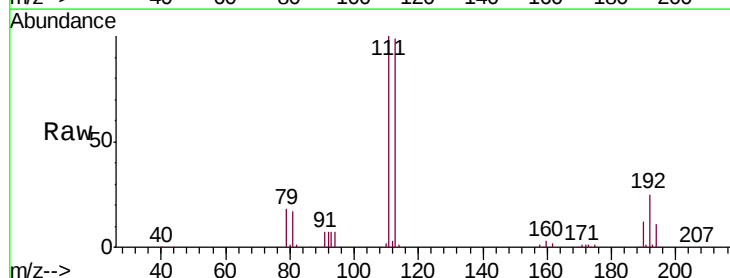
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-112(14-16)

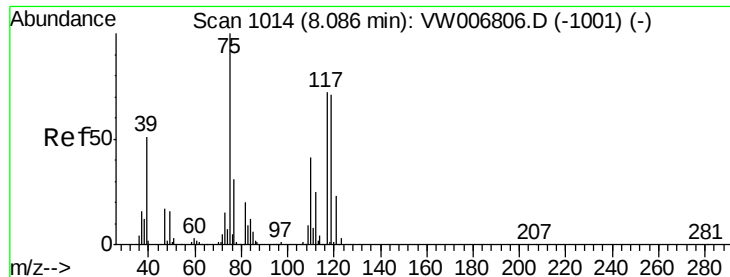
Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	33.6
88	14.6	0.0	28.4



#35
 Dibromofluoromethane
 Concen: 45.973 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006837.D
 Acq: 13 Nov 2018 06:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.6
192	24.0	19.0	28.6

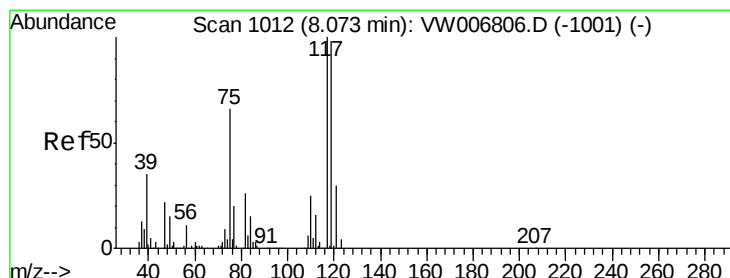
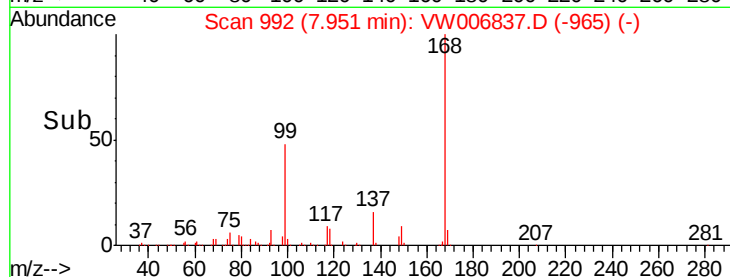
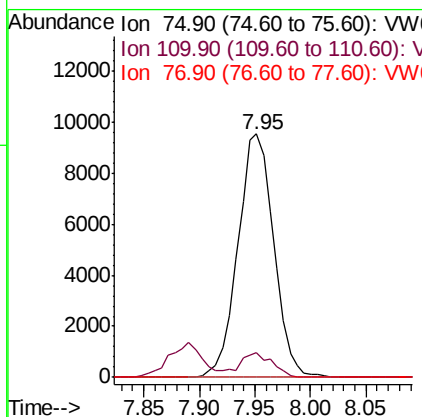
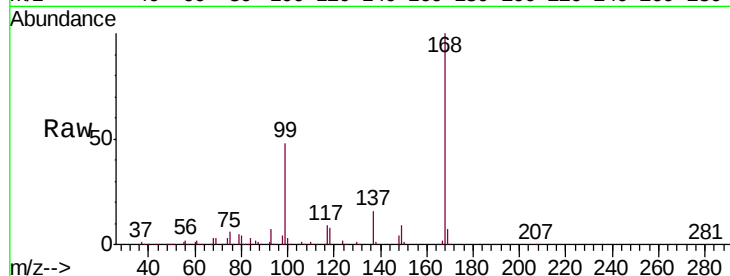




#36
 1,1-Dichloropropene
 Concen: 4.590 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006837.D
 Acq: 13 Nov 2018 06:08

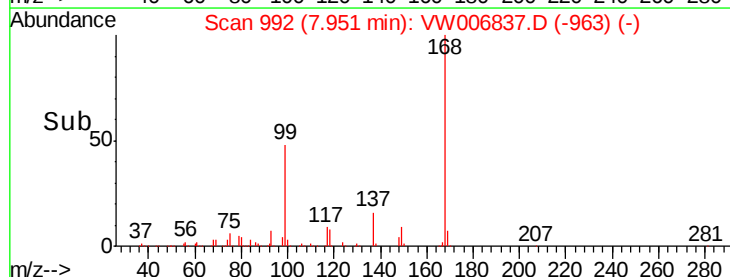
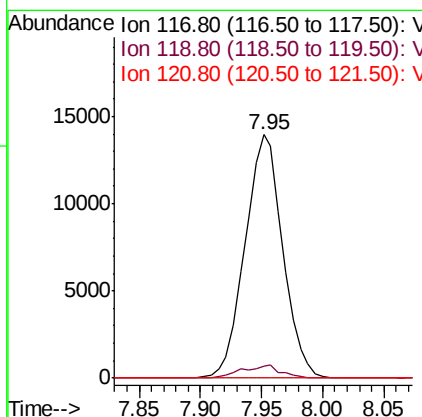
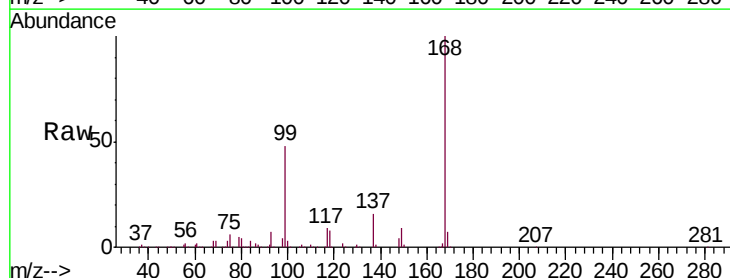
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-112(14-16)

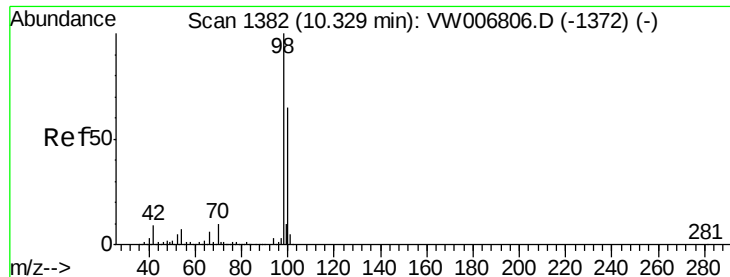
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 5.912 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006837.D
 Acq: 13 Nov 2018 06:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.5	117.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 43.125 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006837.D

Acq: 13 Nov 2018 06:08

Instrument :

MSVOA_W

ClientSampleId :

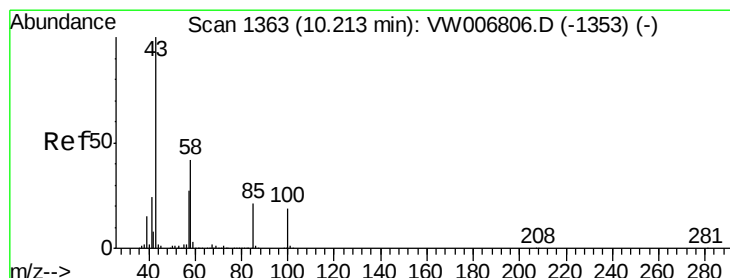
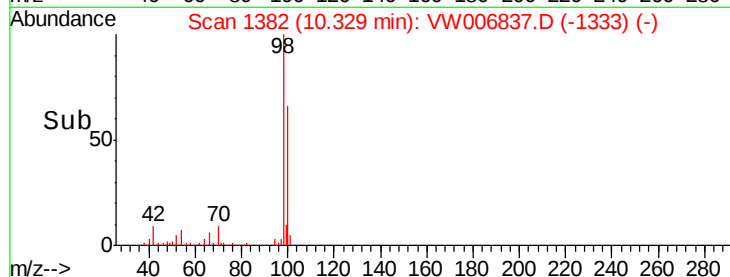
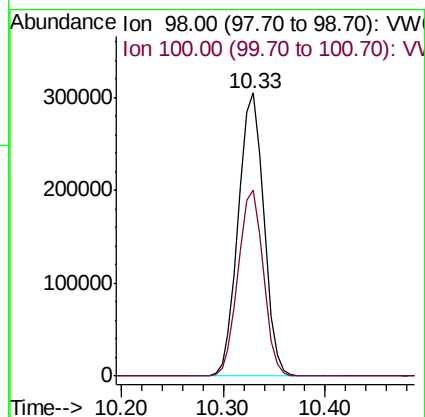
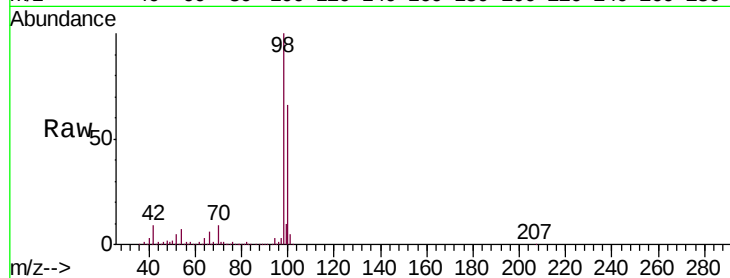
EP2-SB-112(14-16)

Tgt Ion: 98 Resp: 528356

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 1.298 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006837.D

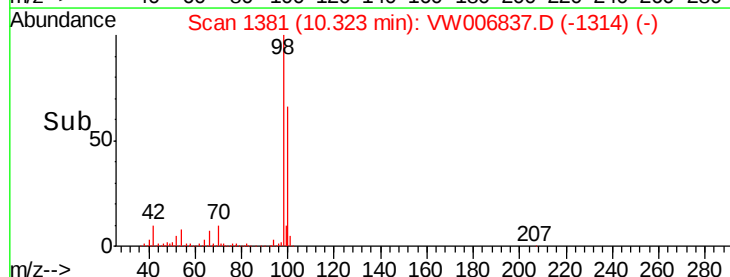
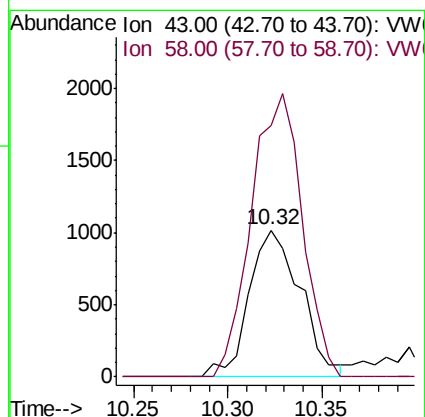
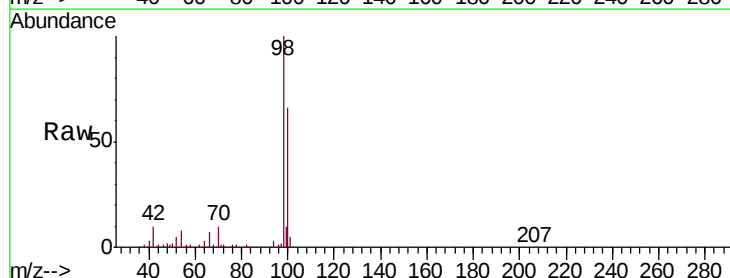
Acq: 13 Nov 2018 06:08

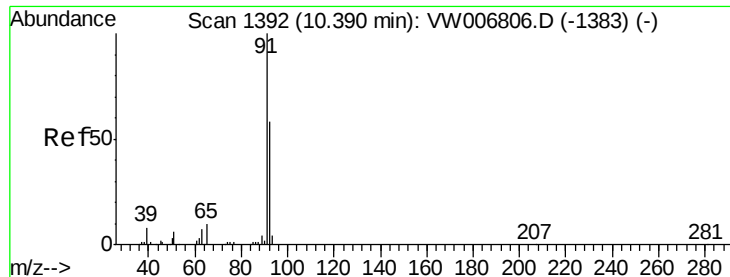
Tgt Ion: 43 Resp: 1923

Ion Ratio Lower Upper

43 100

58 190.7 34.0 51.0#





#52

Toluene

Concen: 2.219 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006837.D

Acq: 13 Nov 2018 06:08

Instrument :

MSVOA_W

ClientSampleId :

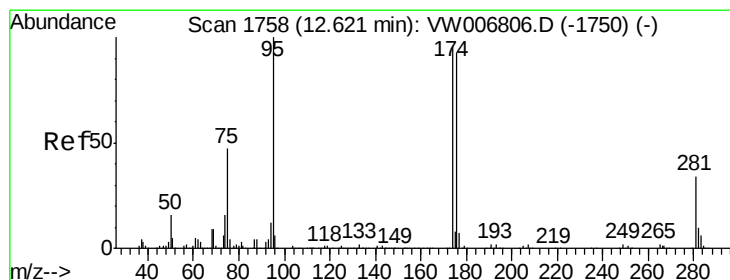
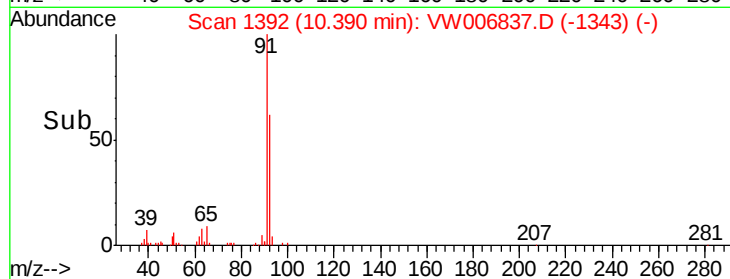
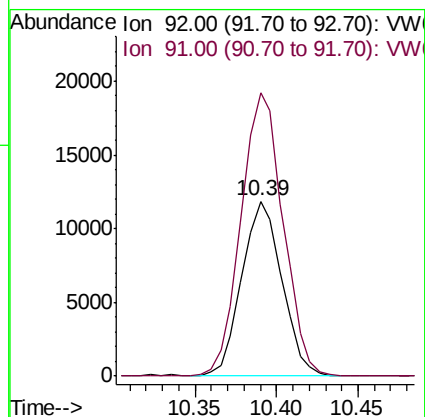
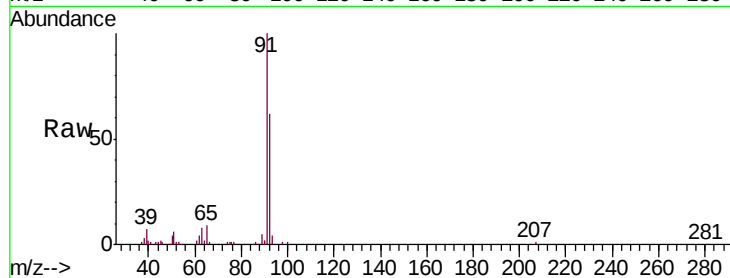
EP2-SB-112(14-16)

Tgt Ion: 92 Resp: 20320

Ion Ratio Lower Upper

92 100

91 169.7 139.4 209.2



#62

4-Bromofluorobenzene

Concen: 41.716 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006837.D

Acq: 13 Nov 2018 06:08

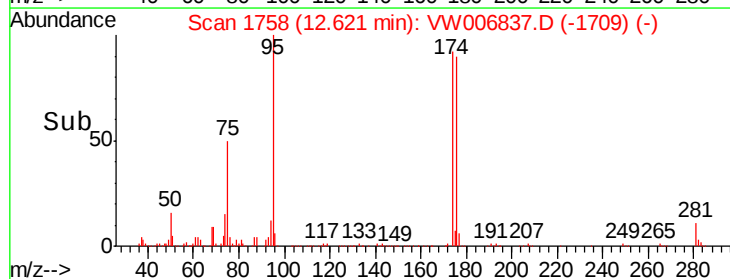
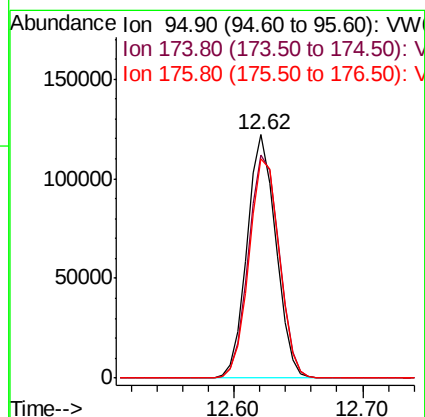
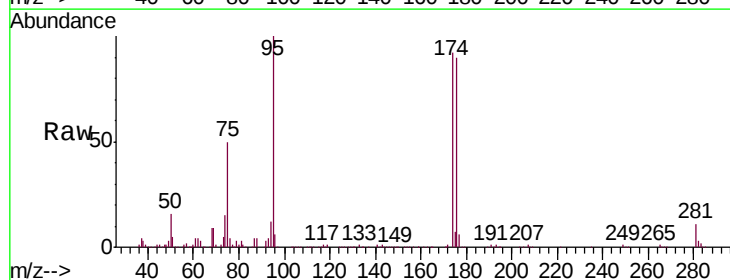
Tgt Ion: 95 Resp: 188245

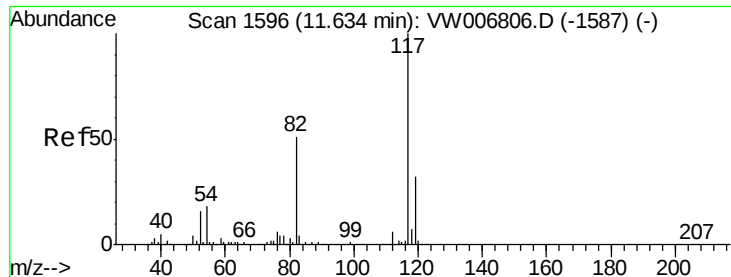
Ion Ratio Lower Upper

95 100

174 97.3 0.0 196.6

176 94.2 0.0 191.6

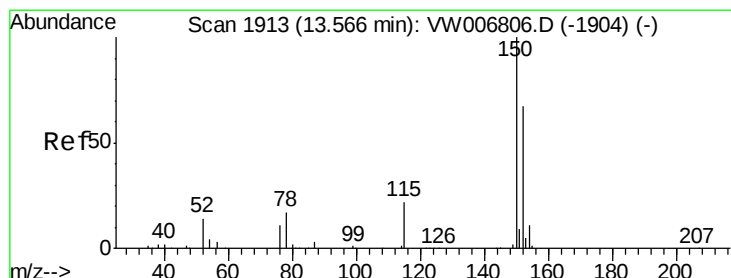
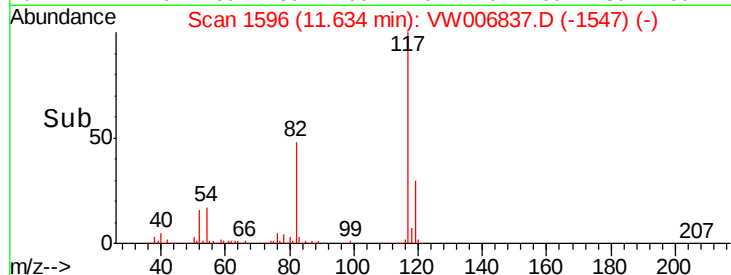
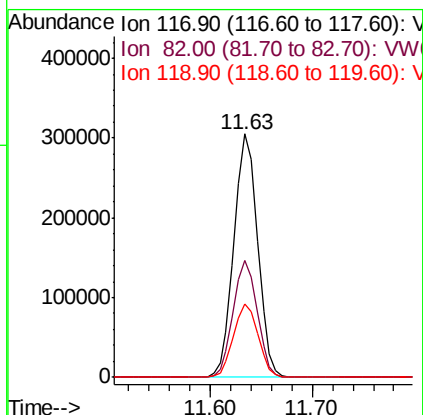
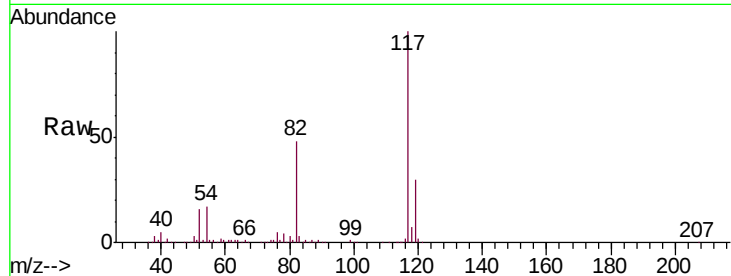




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006837.D
Acq: 13 Nov 2018 06:08

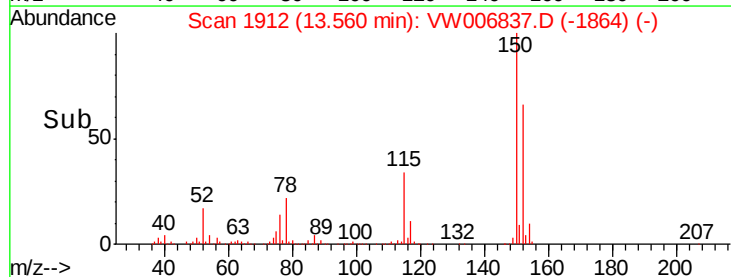
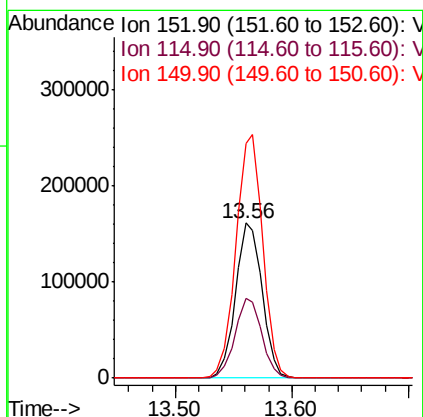
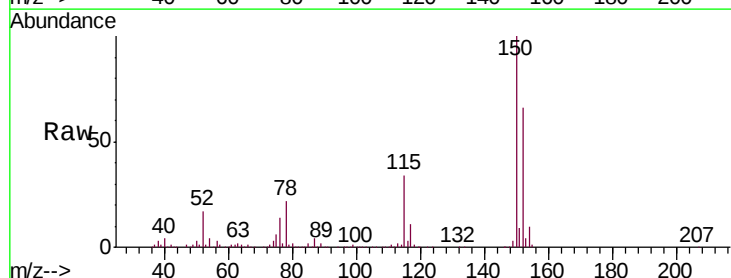
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-112(14-16)

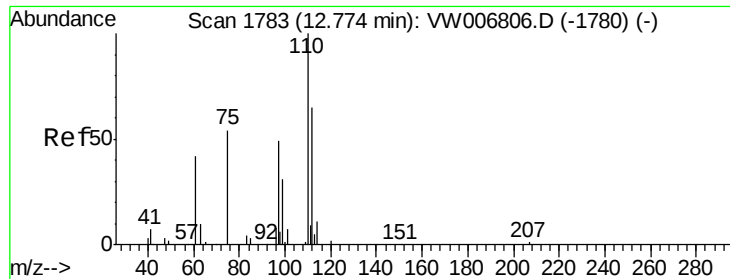
Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.2	40.6	61.0
119	30.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006837.D
Acq: 13 Nov 2018 06:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.9	27.3	81.8
150	158.3	0.0	353.0





#76

1,2,3-Trichloropropane

Concen: 49.130 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006837.D

Acq: 13 Nov 2018 06:08

Instrument :

MSVOA_W

ClientSampleId :

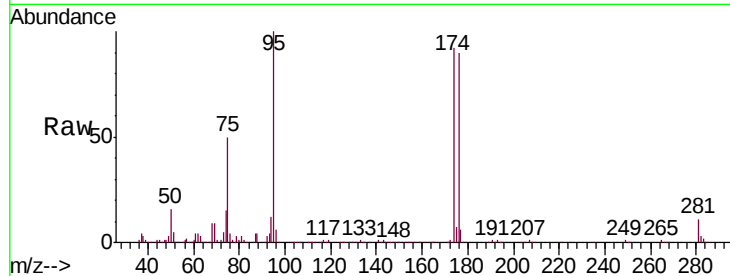
EP2-SB-112(14-16)

Tgt Ion: 75 Resp: 90711

Ion Ratio Lower Upper

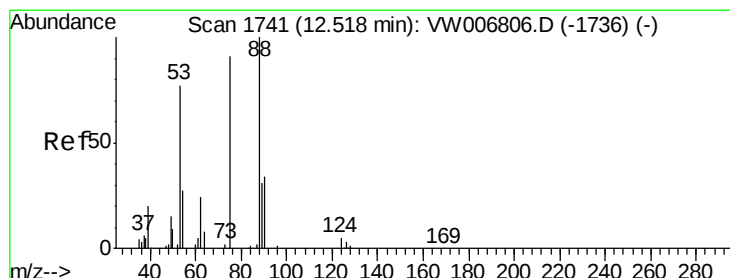
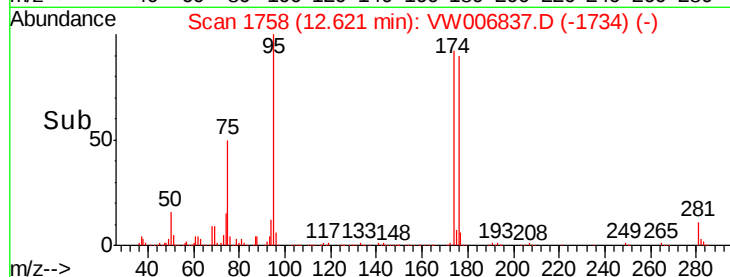
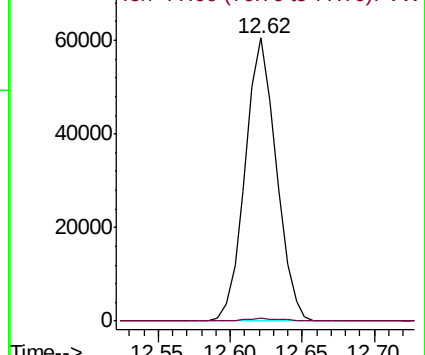
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 121.527 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006837.D

Acq: 13 Nov 2018 06:08

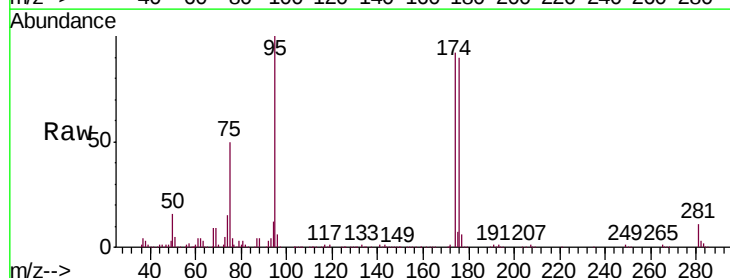
Tgt Ion: 75 Resp: 90711

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 38.7 58.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

