

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006797.D
 Acq On : 09 Nov 2018 20:15
 Operator : SY/AP
 Sample : J5860-04
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Quant Time: Nov 12 04:39:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	22443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	31211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	12977	78.90	ug/l	0.00
Spiked Amount						
				Recovery	=	157.80%
35) Dibromofluoromethane	7.89	113	12900	72.62	ug/l	0.00
Spiked Amount						
				Recovery	=	145.24%
50) Toluene-d8	10.33	98	39914	53.39	ug/l	0.00
Spiked Amount						
				Recovery	=	106.78%
62) 4-Bromofluorobenzene	12.62	95	12437	45.68	ug/l	0.00
Spiked Amount						
				Recovery	=	91.36%

Target Compounds

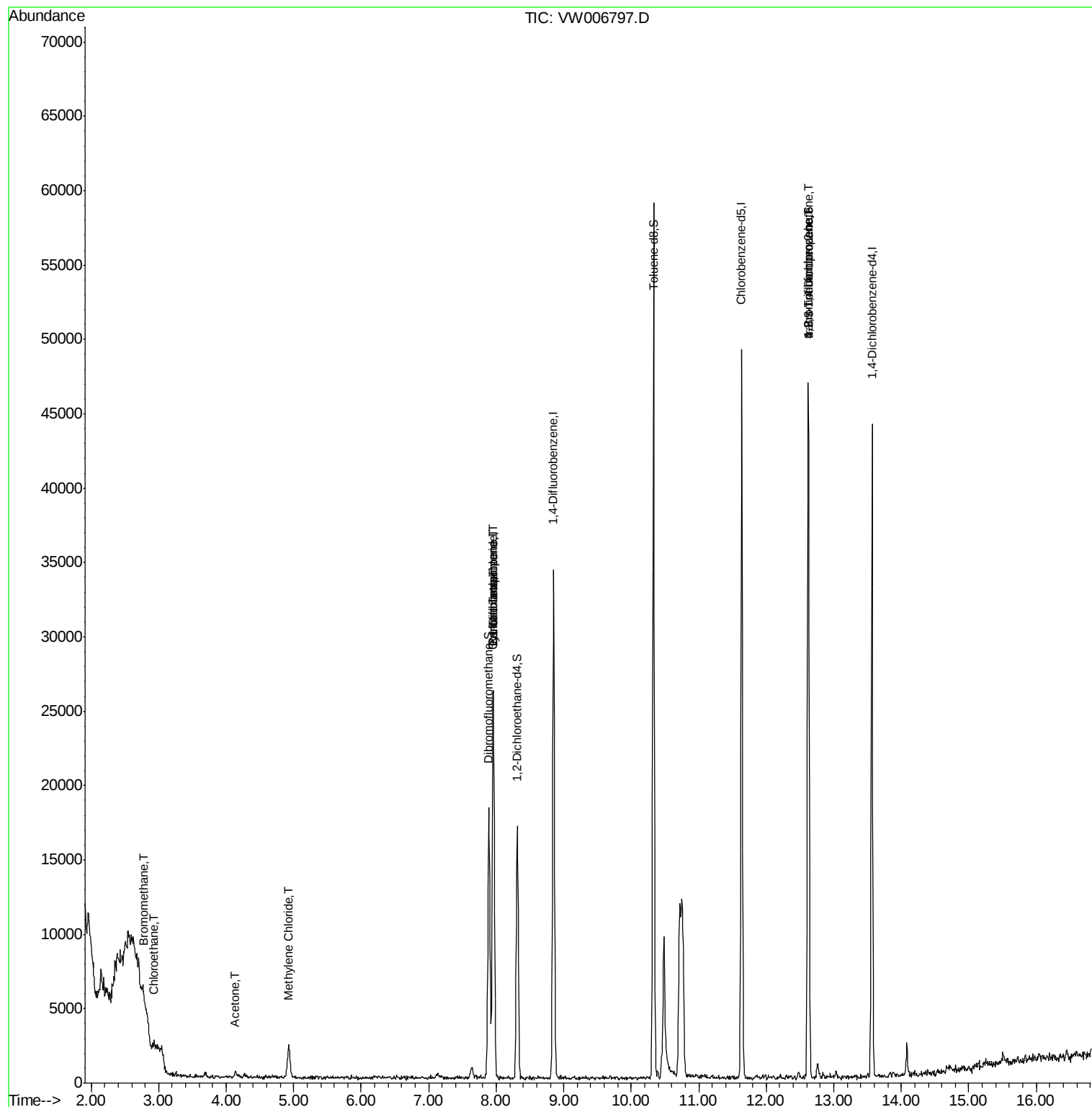
					Qvalue	
5) Bromomethane	2.78	94	313	2.211	ug/l	99
6) Chloroethane	2.93	64	326	2.163	ug/l #	43
16) Acetone	4.14	43	635	26.670	ug/l	89
20) Methylene Chloride	4.92	84	1794	4.197	ug/l	90
31) Cyclohexane	7.95	56	413	1.346	ug/l #	63
36) 1,1-Dichloropropene	7.95	75	1383	4.883	ug/l #	39
38) Carbon Tetrachloride	7.95	117	1938	6.405	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	6223	68.481	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	6223	182.077	ug/l #	12

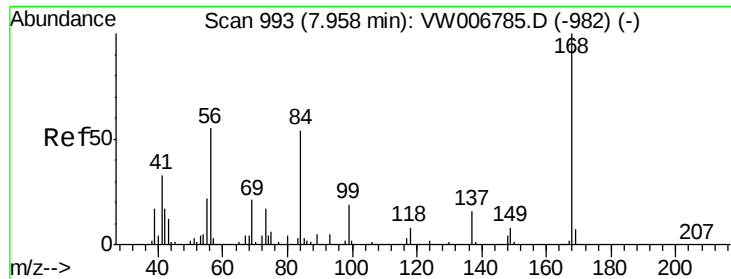
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 00:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006797.D

Acq: 09 Nov 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

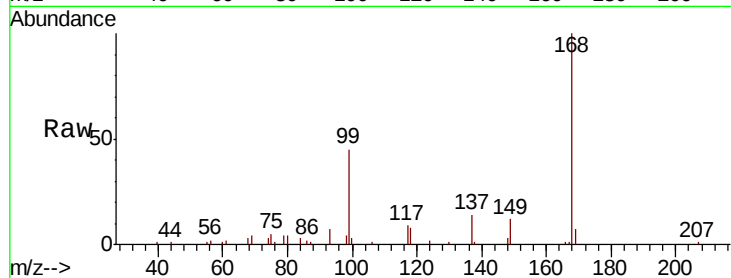
EP2-SB-104(15-17)

Tot Ion:168 Resp: 22443

Ion Ratio Lower Upper

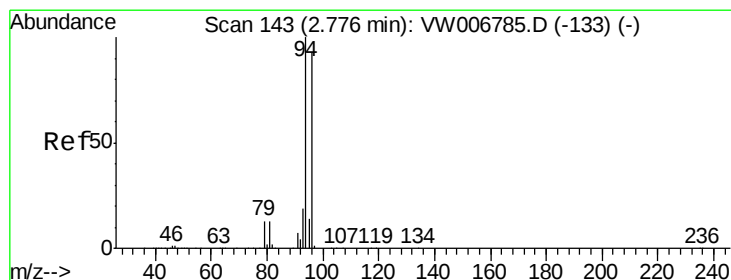
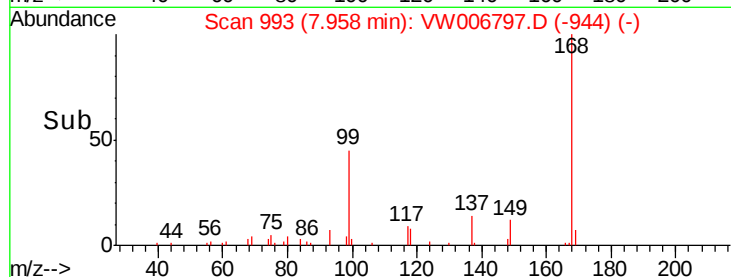
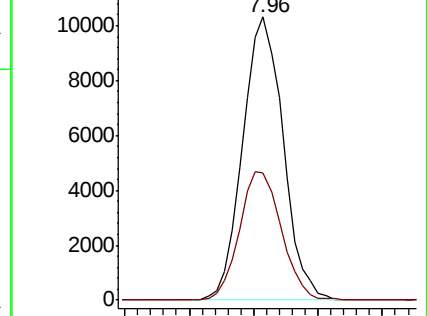
168 100

99 45.1 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: 2.211 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006797.D

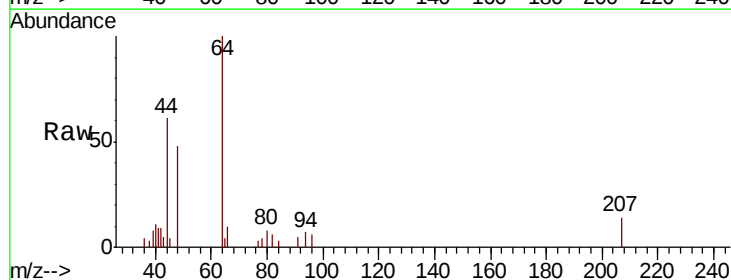
Acq: 09 Nov 2018 20:15

Tgt Ion: 94 Resp: 313

Ion Ratio Lower Upper

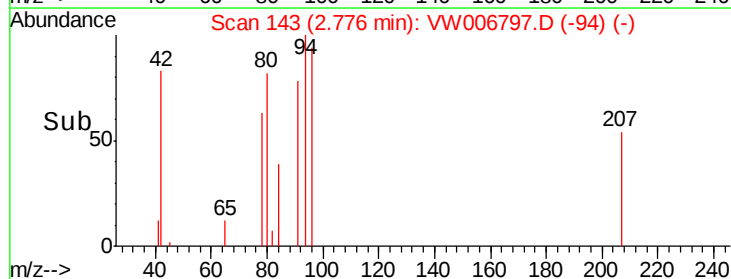
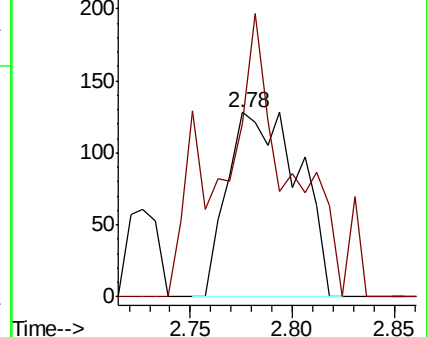
94 100

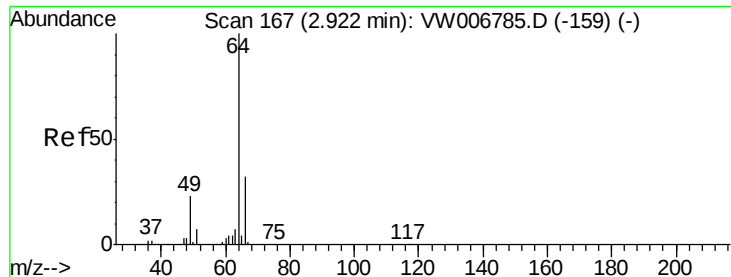
96 93.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW





#6

Chloroethane

Concen: 2.163 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW006797.D

Acq: 09 Nov 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

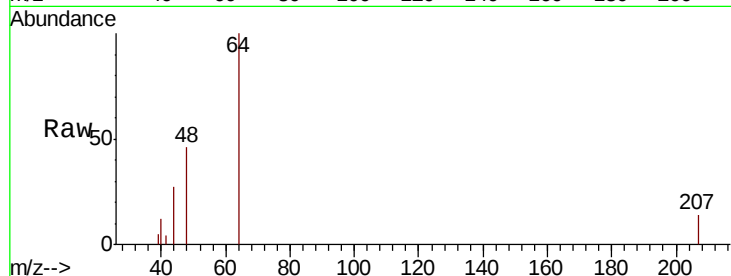
EP2-SB-104(15-17)

Tot Ion: 64 Resp: 326

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

1500

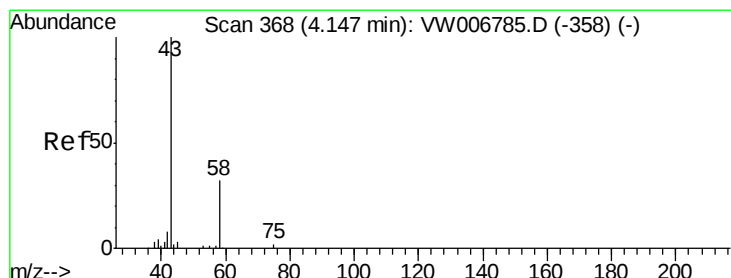
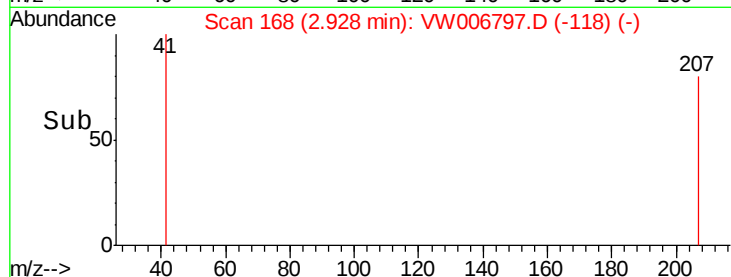
1000

500

0

Time-->

2.91 2.92 2.93 2.94



#16

Acetone

Concen: 26.670 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006797.D

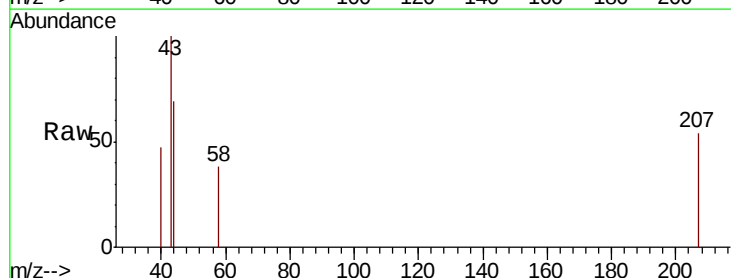
Acq: 09 Nov 2018 20:15

Tgt Ion: 43 Resp: 635

Ion Ratio Lower Upper

43 100

58 38.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

300

250

200

150

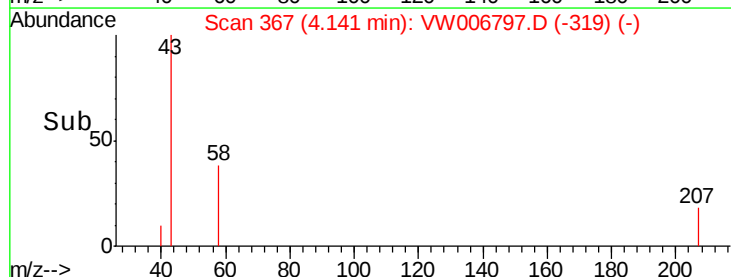
100

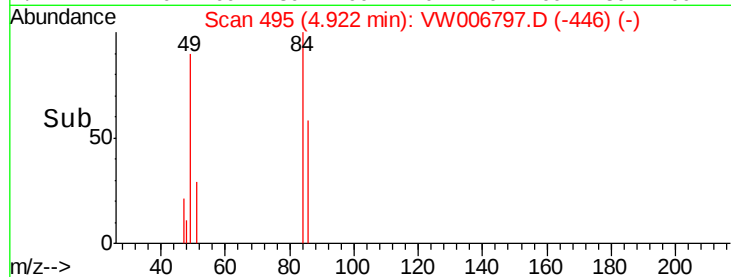
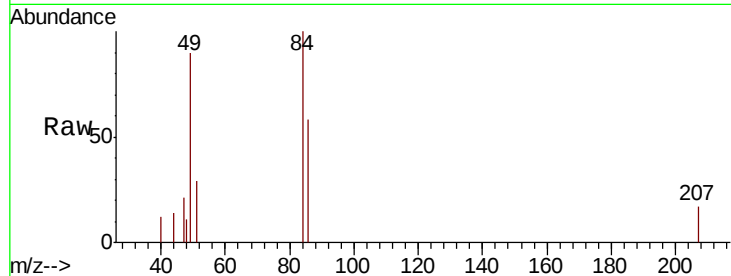
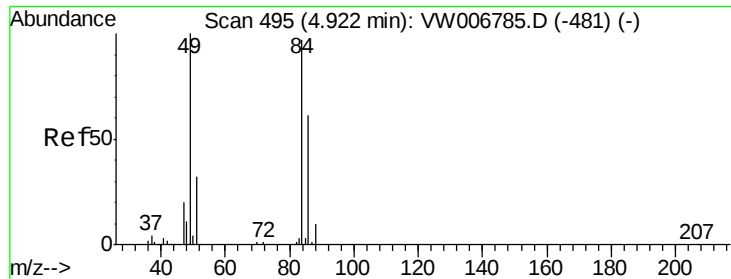
50

0

Time-->

4.10 4.15 4.20

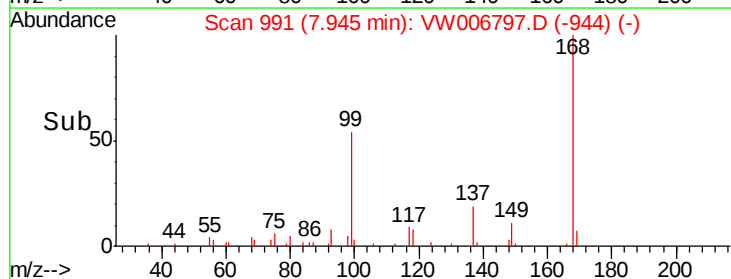
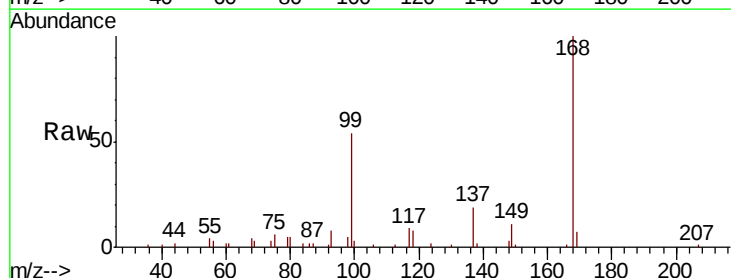
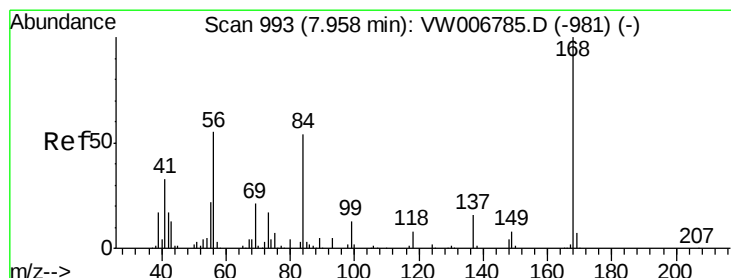
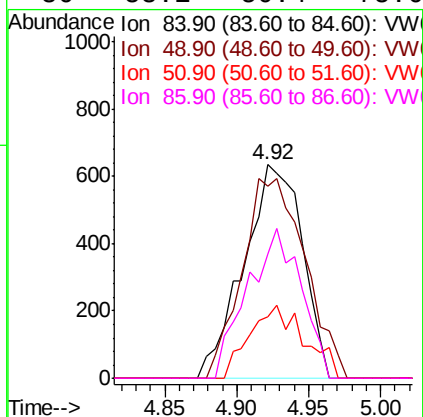




#20
Methvlene Chloride
Concen: 4.197 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006797.D
Acq: 09 Nov 2018 20:15

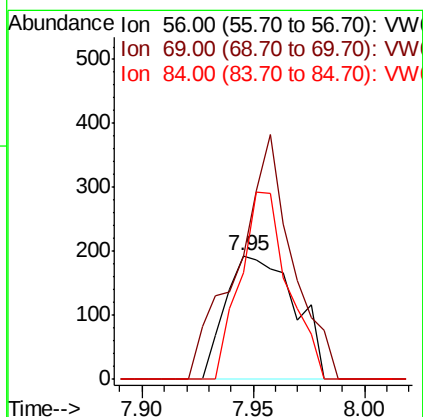
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

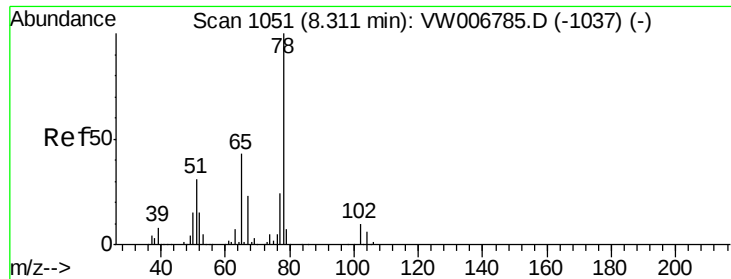
Tot Ion:	84	Resp:	1794
Ion	Ratio	Lower	Upper
84	100		
49	89.8	82.4	123.6
51	28.7	26.7	40.1
86	58.1	50.4	75.6



#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006797.D
Acq: 09 Nov 2018 20:15

Tgt Ion:	56	Resp:	413
Ion	Ratio	Lower	Upper
56	100		
69	100.0	30.3	45.5#
84	86.5	78.2	117.2

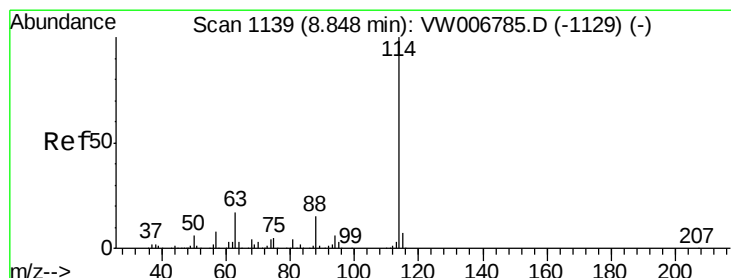
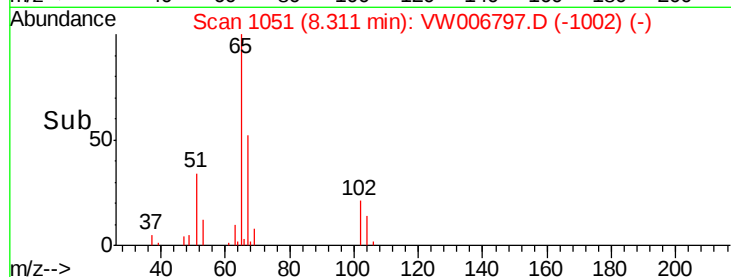
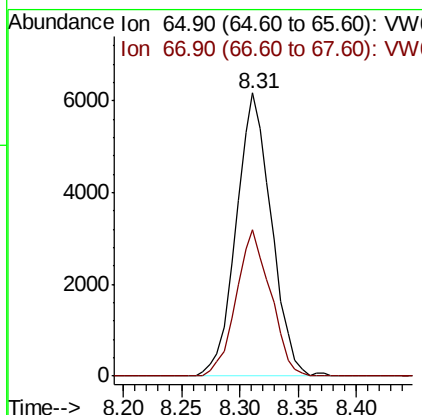
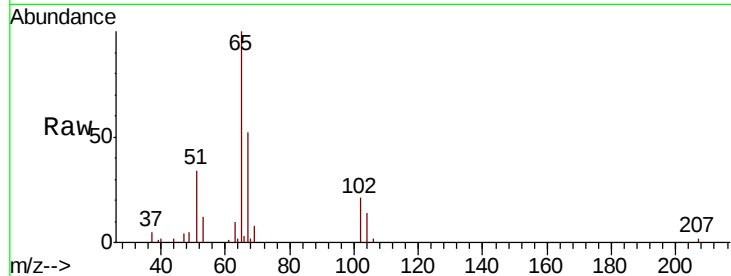




#33
 1,2-Dichloroethane-d4
 Concen: 78.897 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006797.D
 Acq: 09 Nov 2018 20:15

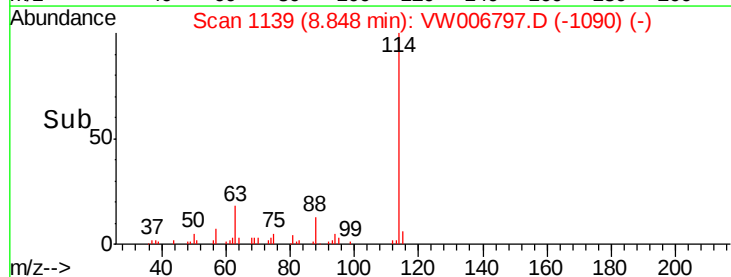
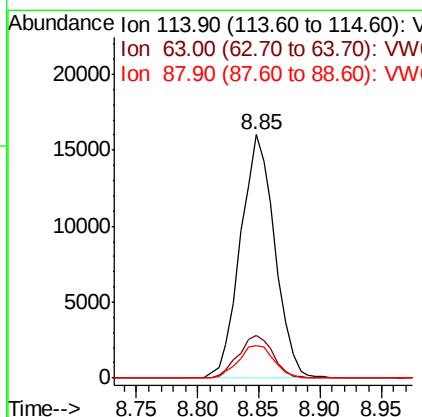
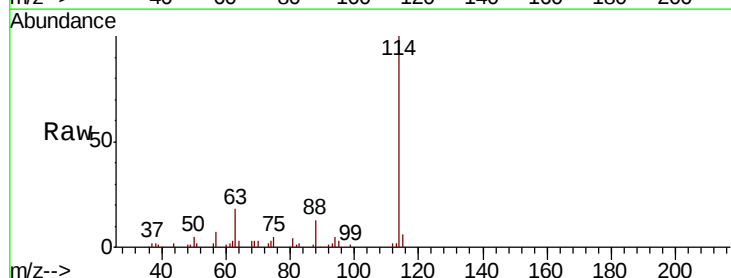
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

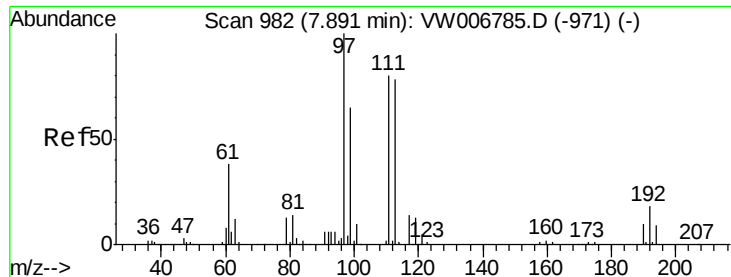
Tot Ion: 65 Resp: 12977
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006797.D
 Acq: 09 Nov 2018 20:15

Tgt Ion: 114 Resp: 31211
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 13.4 0.0 29.2

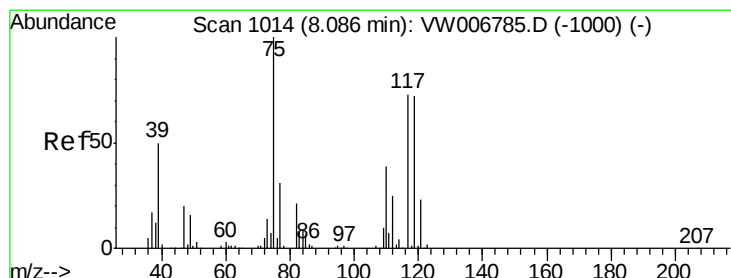
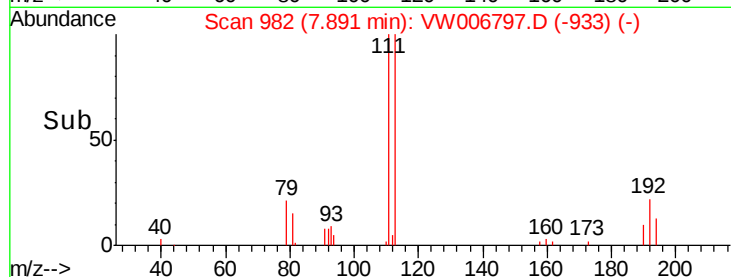
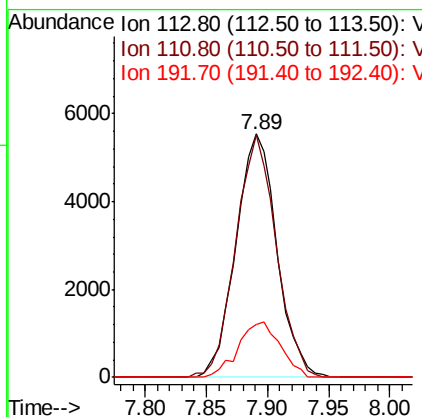
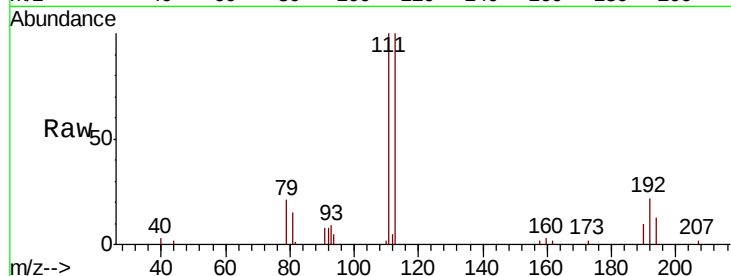




#35
 Dibromofluoromethane
 Concen: 72.616 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006797.D
 Acq: 09 Nov 2018 20:15

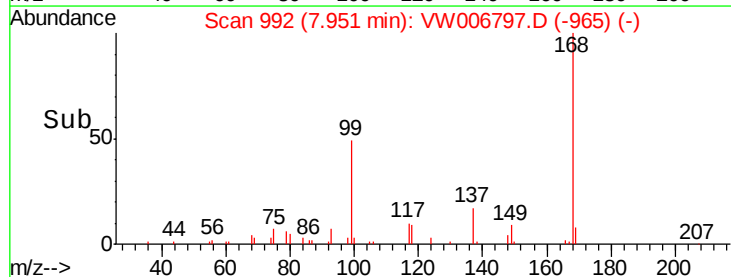
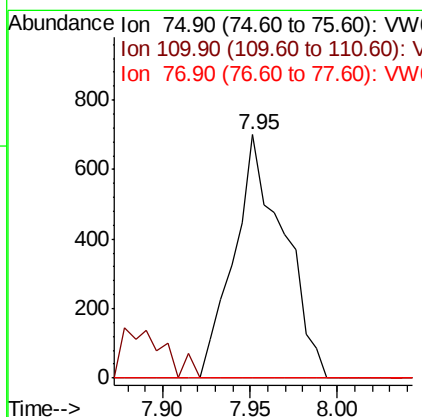
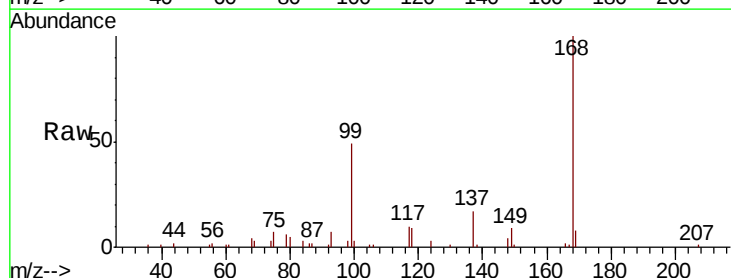
Instrument :
 MSVOA_W
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 EP2-SB-104(15-17)

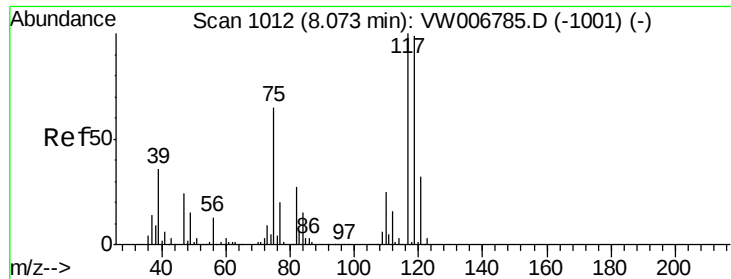
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.1	81.4	122.2
192	23.2	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.883 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006797.D
 Acq: 09 Nov 2018 20:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.6	58.7#
77	0.0	24.9	37.3#

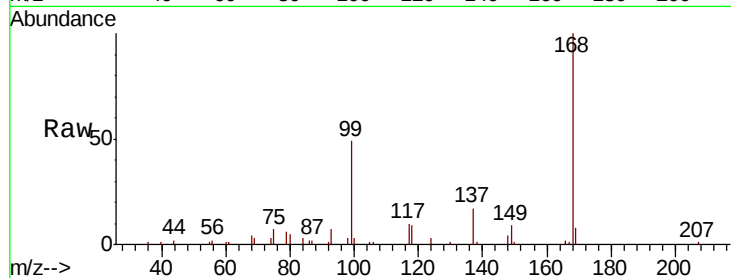




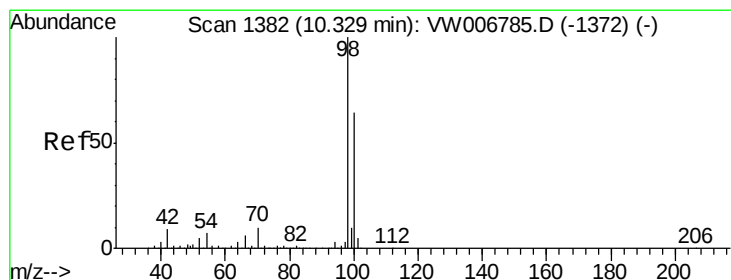
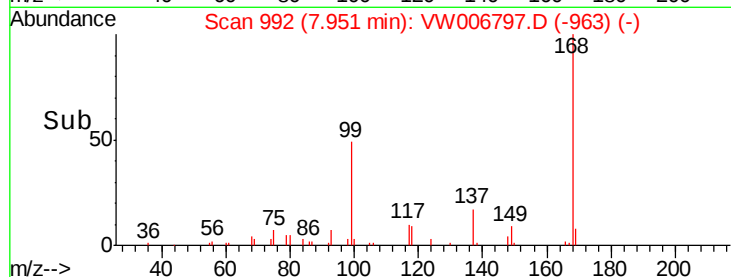
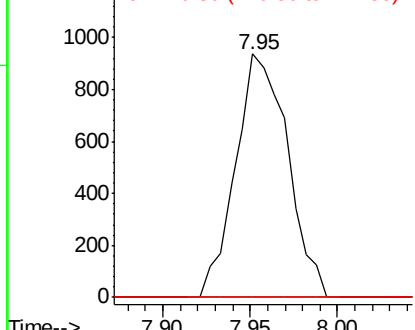
#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006797.D
Acq: 09 Nov 2018 20:15

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion:117 Resp: 1938
Ion Ratio Lower Upper
117 100
119 0.0 78.9 118.3#
121 0.0 25.3 37.9#

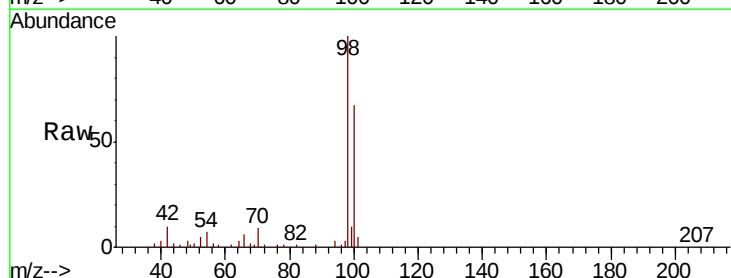


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

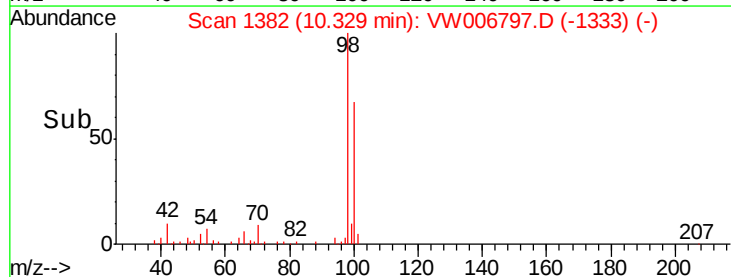
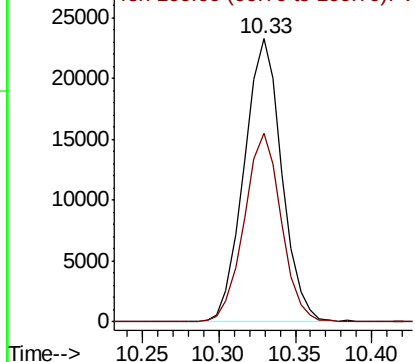


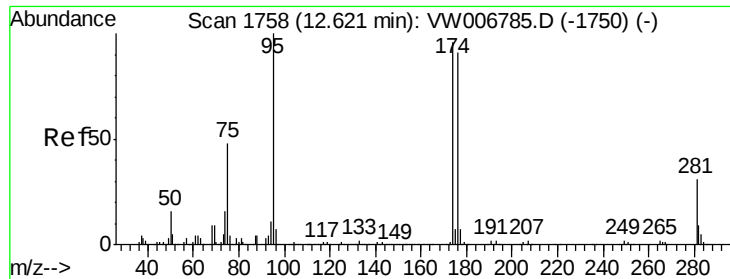
#50
Toluene-d8
Concen: 53.386 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006797.D
Acq: 09 Nov 2018 20:15

Tgt Ion: 98 Resp: 39914
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



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





#62

4-Bromofluorobenzene

Concen: 45.675 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006797.D

Acq: 09 Nov 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

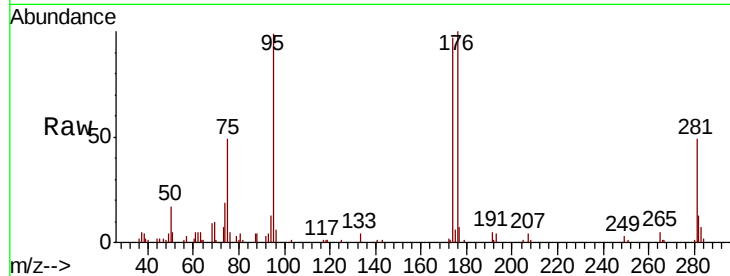
Tot Ion: 95 Resp: 12437

Ion Ratio Lower Upper

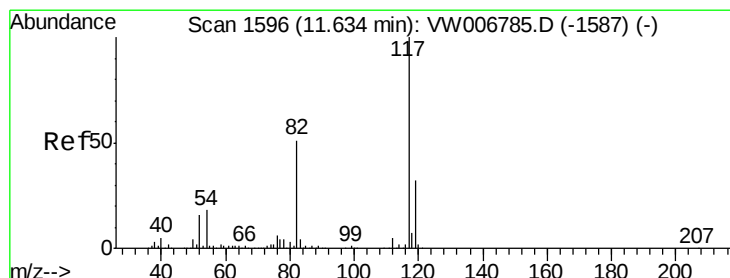
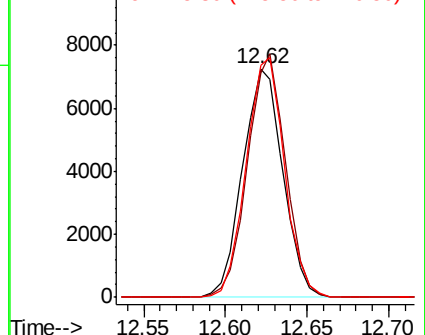
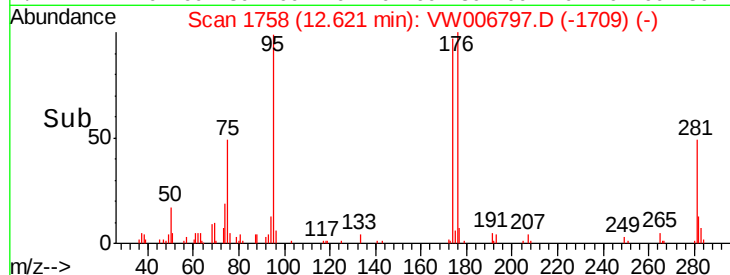
95 100

174 100.4 0.0 196.2

176 100.0 0.0 190.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006797.D

Acq: 09 Nov 2018 20:15

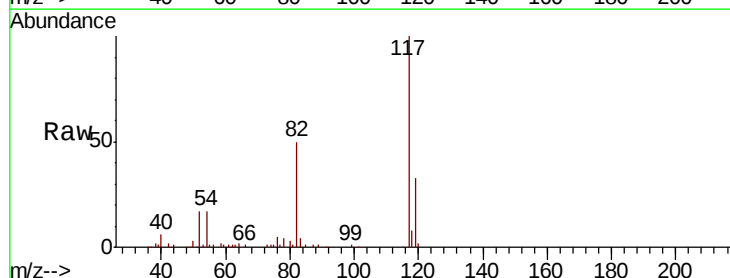
Tgt Ion: 117 Resp: 29526

Ion Ratio Lower Upper

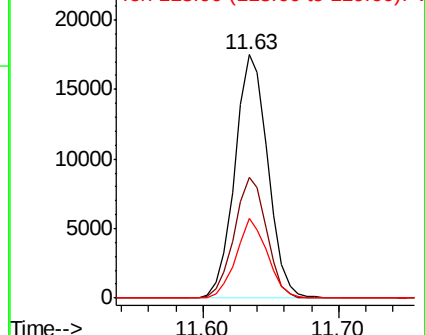
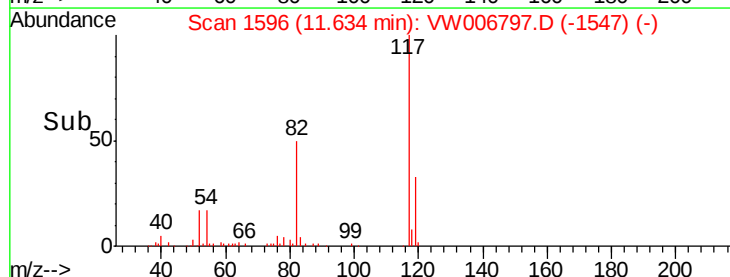
117 100

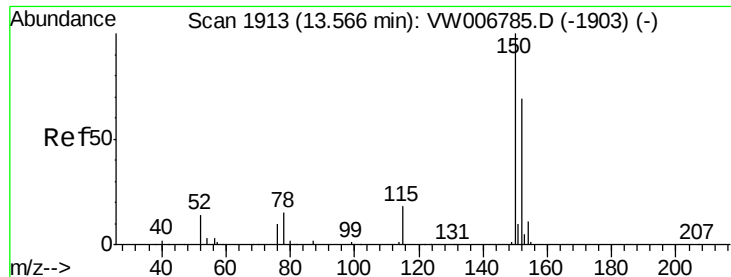
82 49.8 40.9 61.3

119 32.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006797.D

Acq: 09 Nov 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

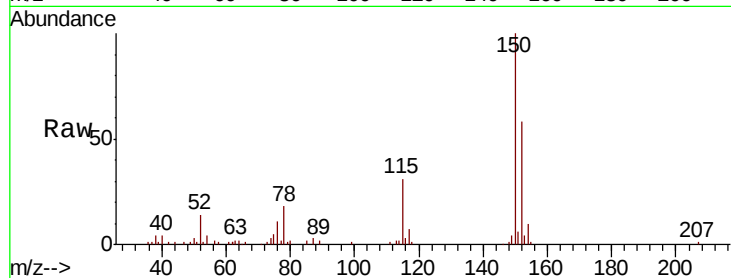
Tot Ion:152 Resp: 12461

Ion Ratio Lower Upper

152 100

115 55.9 26.7 80.0

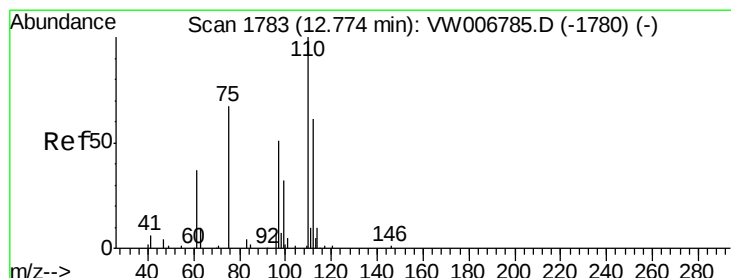
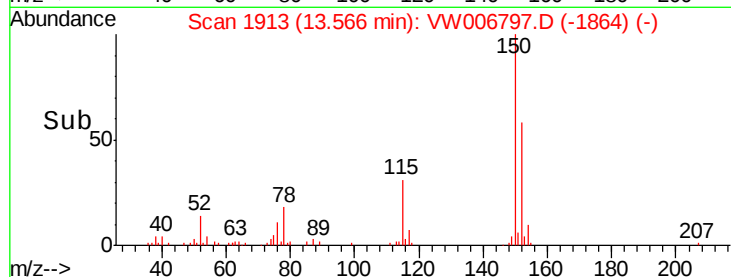
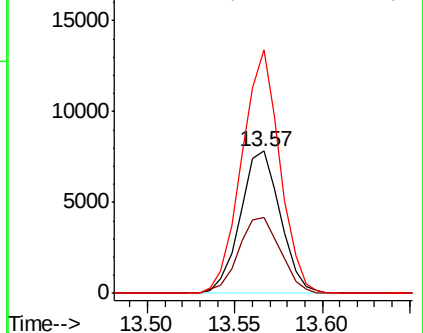
150 162.3 0.0 348.0



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



#76

1,2,3-Trichloropropane

Concen: 68.481 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006797.D

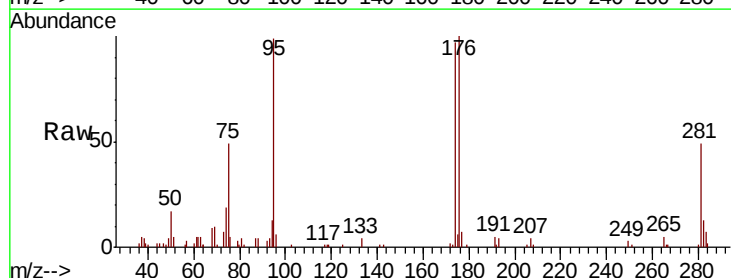
Acq: 09 Nov 2018 20:15

Tgt Ion: 75 Resp: 6223

Ion Ratio Lower Upper

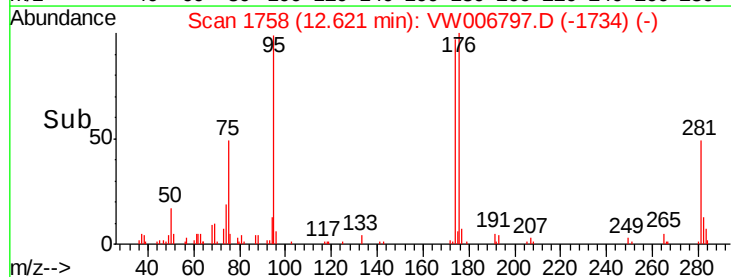
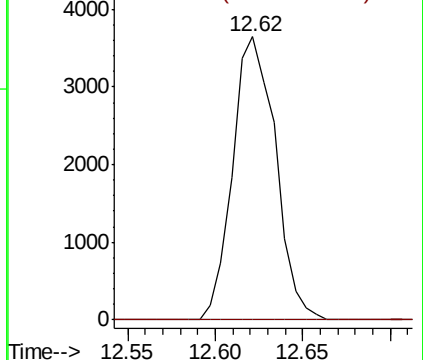
75 100

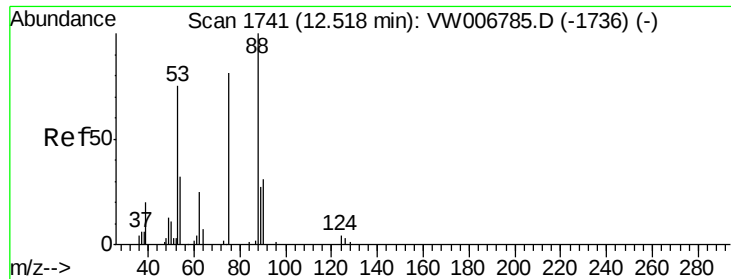
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 182.077 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006797.D

Acq: 09 Nov 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 75 Resp: 6223

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 38.1 57.1#

