

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006795.D
 Acq On : 09 Nov 2018 19:23
 Operator : SY/AP
 Sample : J5860-02
 Misc : 4.83G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-102(13-15)

Quant Time: Nov 12 04:38:48 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

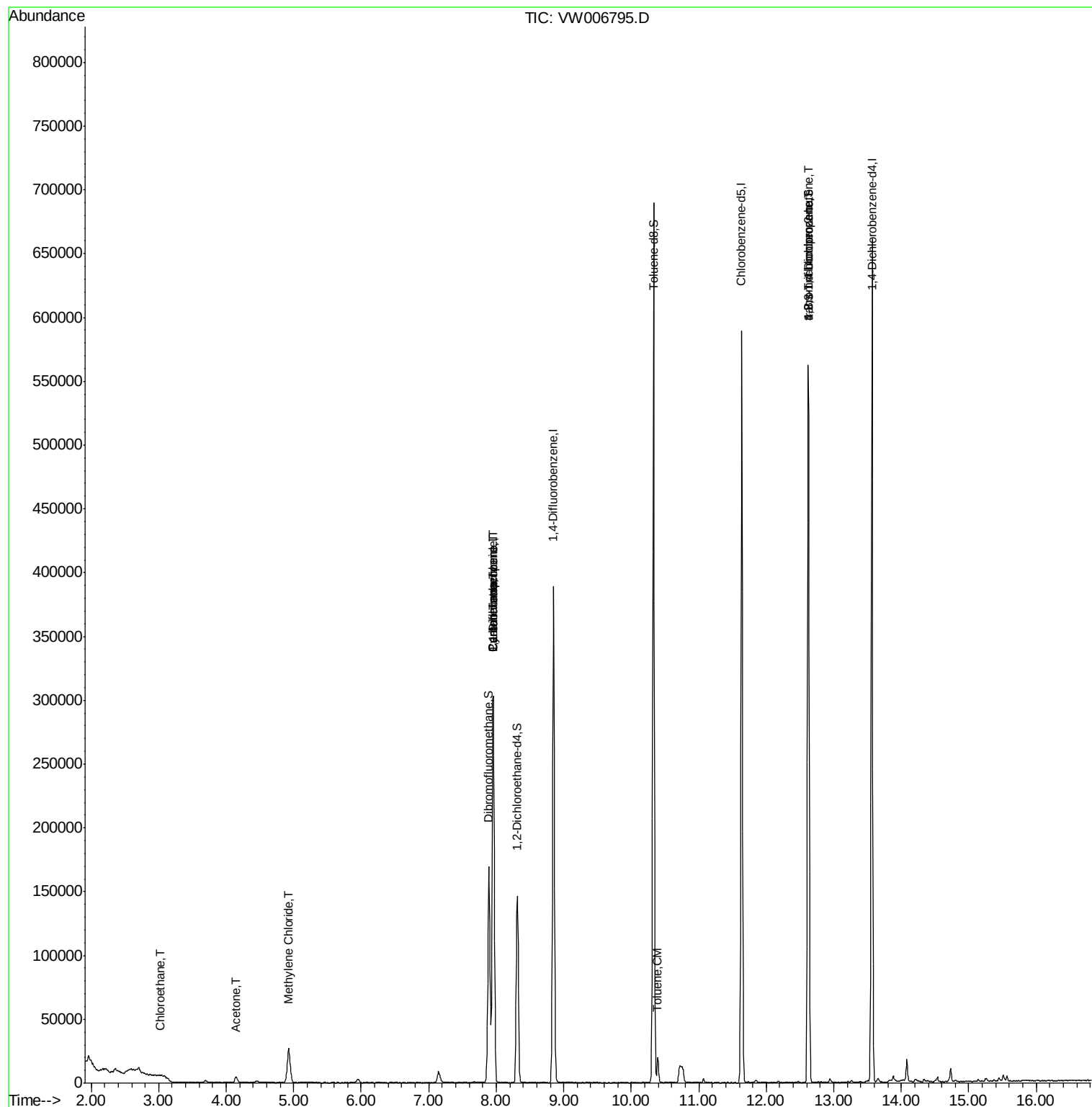
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	253075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	351709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116432	62.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.56%	
35) Dibromofluoromethane	7.89	113	116181	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
50) Toluene-d8	10.33	98	473150	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
62) 4-Bromofluorobenzene	12.62	95	165041	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.03	64	8388	4.935	ug/l #	57
16) Acetone	4.15	43	8388	31.242	ug/l	90
20) Methylene Chloride	4.93	84	21292	4.740	ug/l	92
31) Cyclohexane	7.95	56	4089	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15835	4.962	ug/l #	48
38) Carbon Tetrachloride	7.96	117	22275	6.532	ug/l #	15
52) Toluene	10.40	92	8638	1.363	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	80084	58.047	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80084	154.336	ug/l #	12

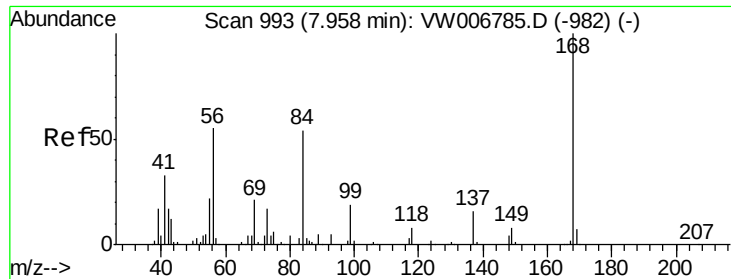
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP2-SB-102(13-15)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
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: VW006795.D

Acq: 09 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

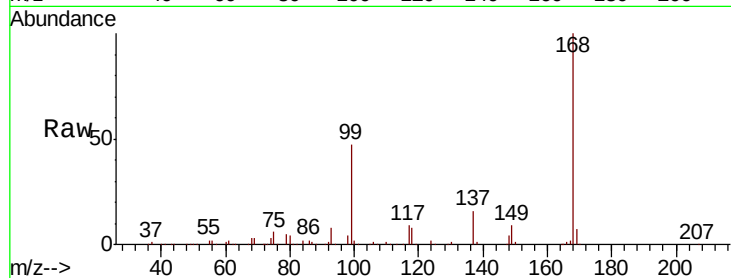
EP2-SB-102(13-15)

Tot Ion:168 Resp: 253075

Ion Ratio Lower Upper

168 100

99 46.9 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

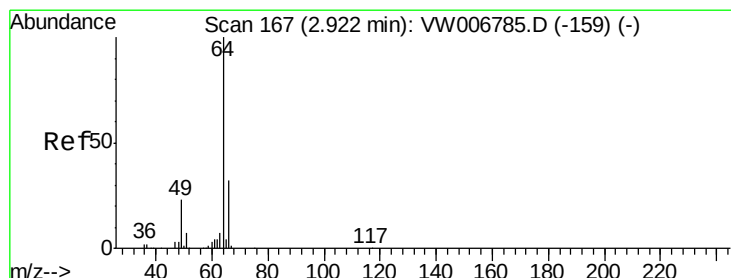
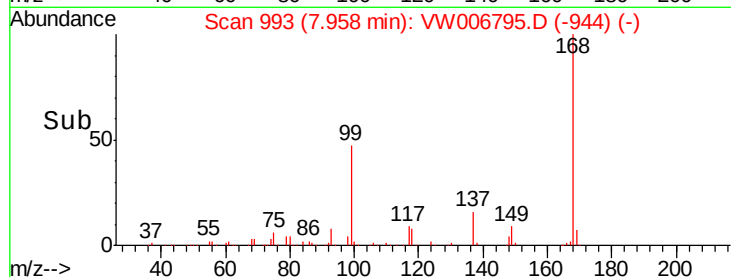
100000

50000

0

7.90 8.00 8.10

Time-->



#6

Chloroethane

Concen: 4.935 ug/l

RT: 3.03 min Scan# 185

Delta R.T. 0.11 min

Lab File: VW006795.D

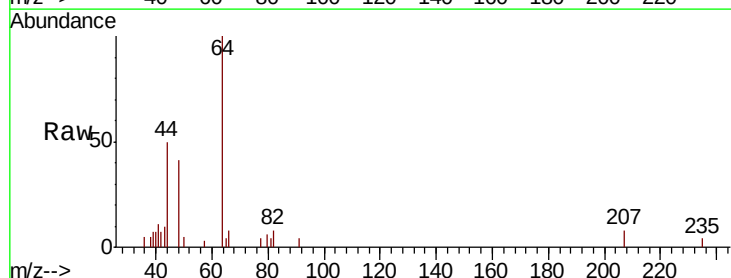
Acq: 09 Nov 2018 19:23

Tgt Ion: 64 Resp: 8388

Ion Ratio Lower Upper

64 100

66 7.8 25.4 38.2#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

3.03

2000

1500

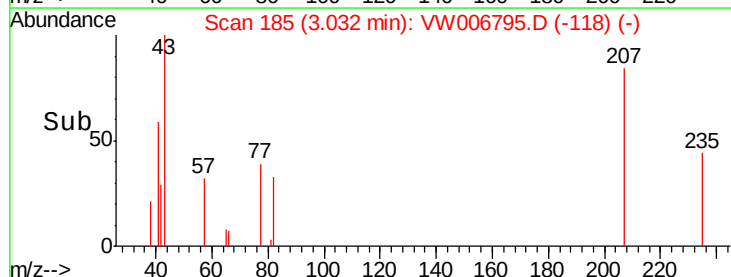
1000

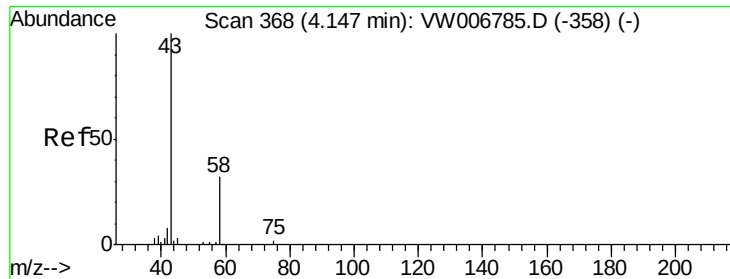
500

0

3.00 3.10 3.20

Time-->

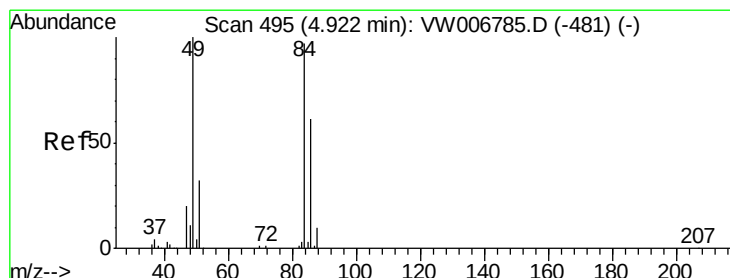
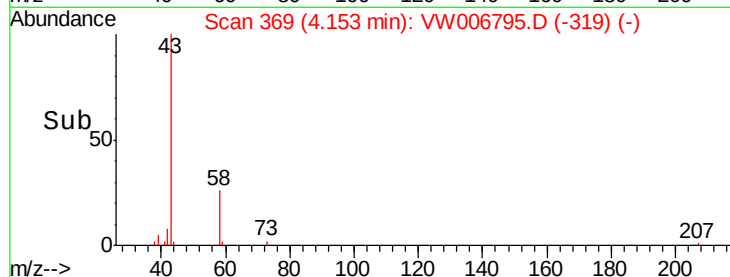
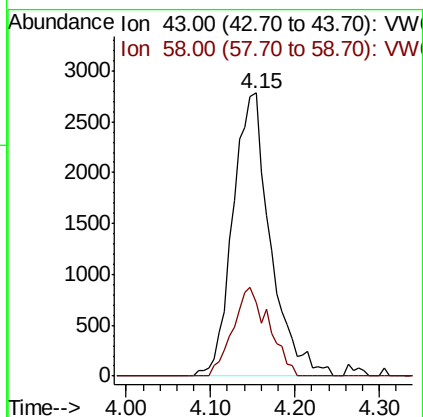
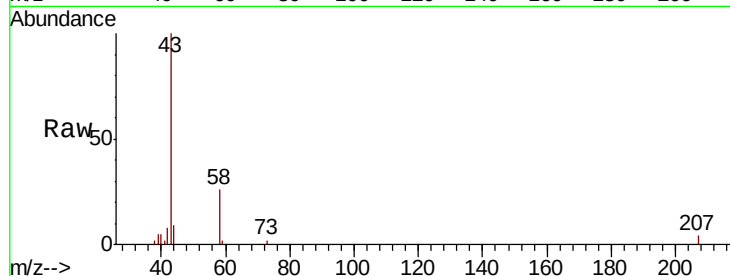




#16
Acetone
Concen: 31.242 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW006795.D
Acq: 09 Nov 2018 19:23

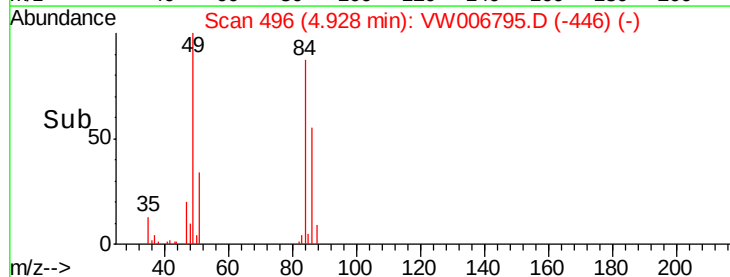
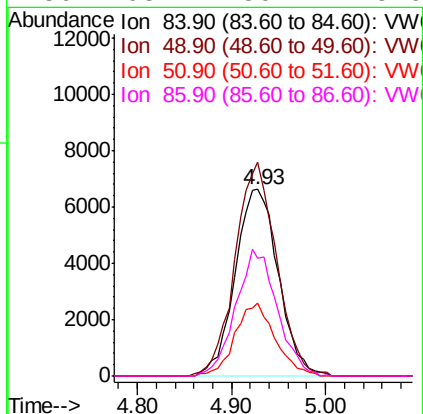
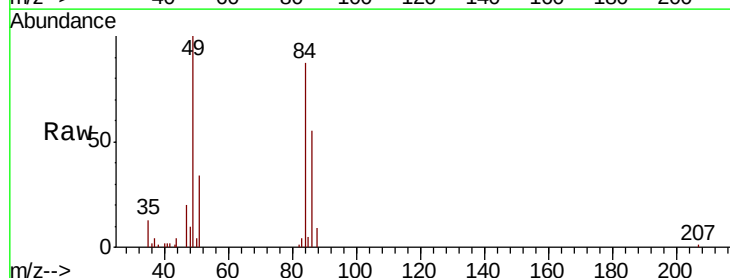
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-102(13-15)

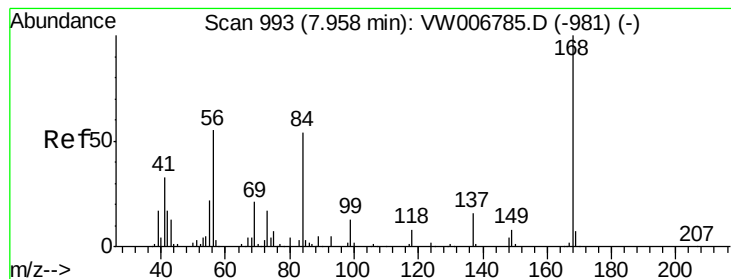
Tot Ion: 43 Resp: 8388
Ion Ratio Lower Upper
43 100
58 26.2 25.4 38.0



#20
Methylene Chloride
Concen: 4.740 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006795.D
Acq: 09 Nov 2018 19:23

Tgt Ion: 84 Resp: 21292
Ion Ratio Lower Upper
84 100
49 114.5 82.4 123.6
51 39.4 26.7 40.1
86 63.4 50.4 75.6





#31

Cyclohexane

Concen: 1.182 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006795.D

Acq: 09 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-102(13-15)

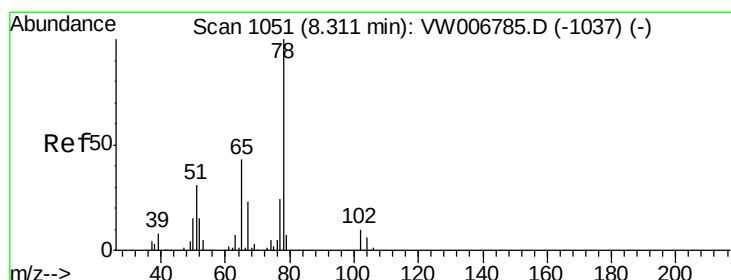
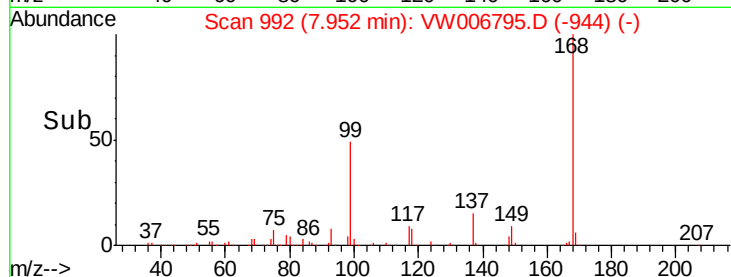
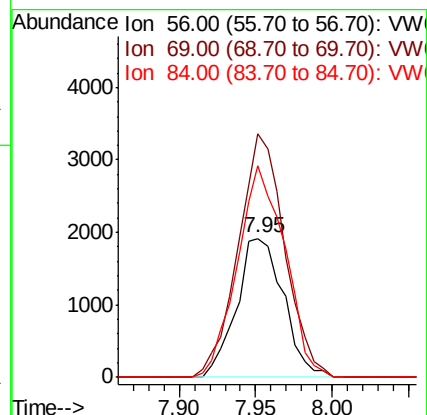
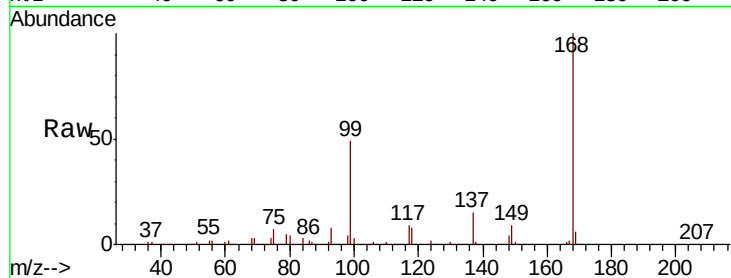
Tot Ion: 56 Resp: 4089

Ion Ratio Lower Upper

56 100

69 175.1 30.3 45.5#

84 151.8 78.2 117.2#



#33

1,2-Dichloroethane-d4

Concen: 62.775 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006795.D

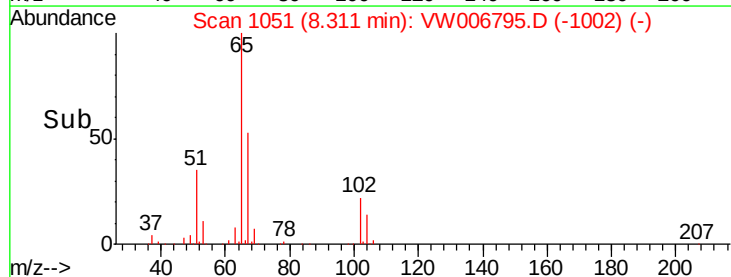
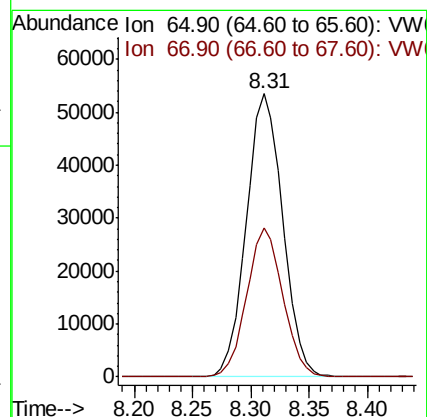
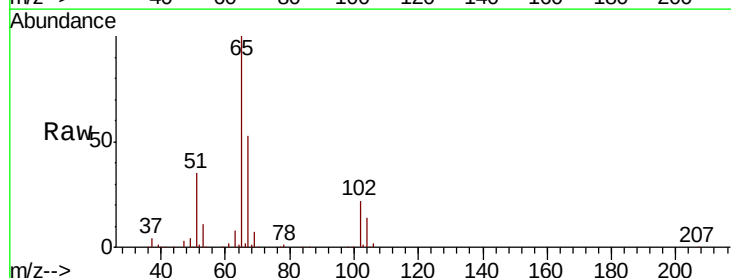
Acq: 09 Nov 2018 19:23

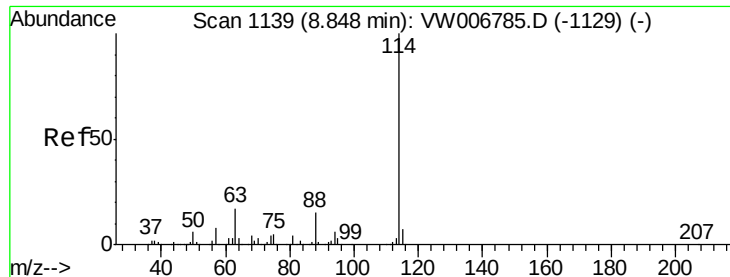
Tgt Ion: 65 Resp: 116432

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.2

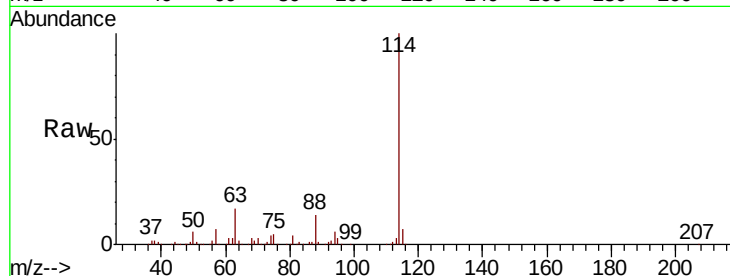




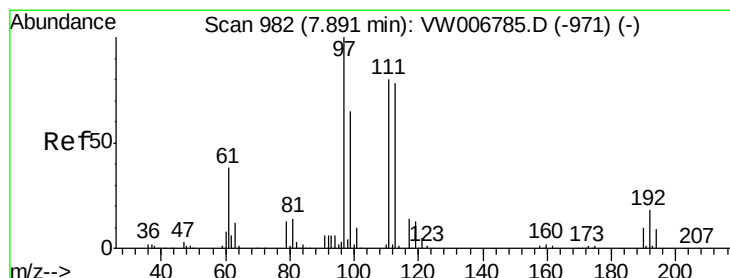
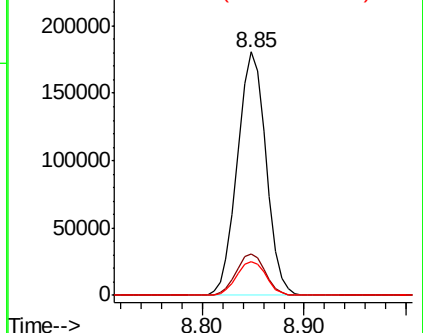
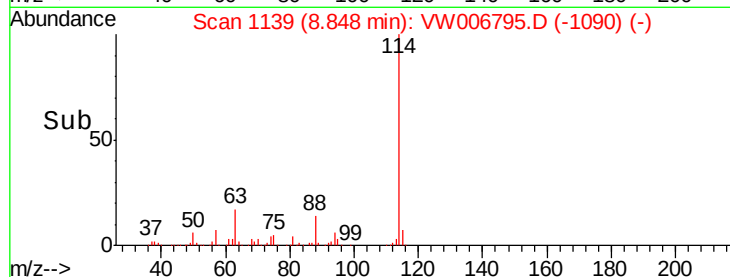
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006795.D
 Acq: 09 Nov 2018 19:23

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-102(13-15)

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.0
88	13.9	0.0	29.2

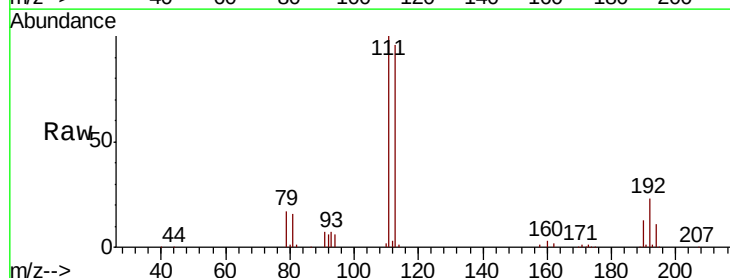


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

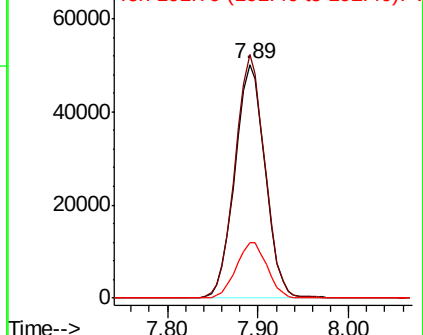
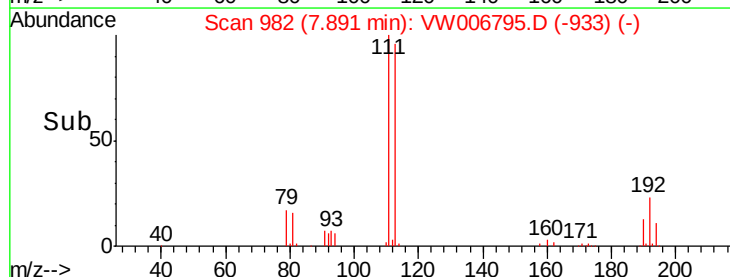


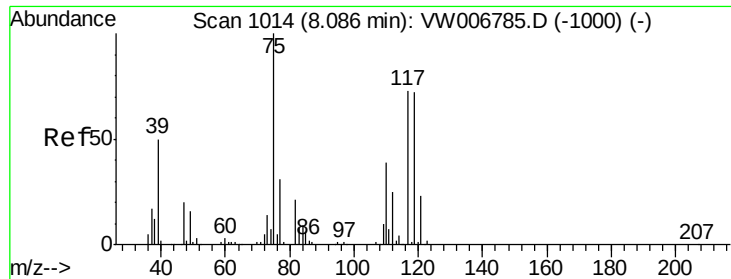
#35
 Dibromofluoromethane
 Concen: 58.036 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006795.D
 Acq: 09 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	24.3	19.1	28.7



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: 4.962 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006795.D

Acq: 09 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-102(13-15)

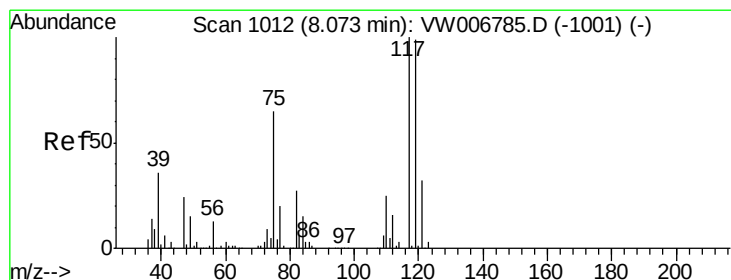
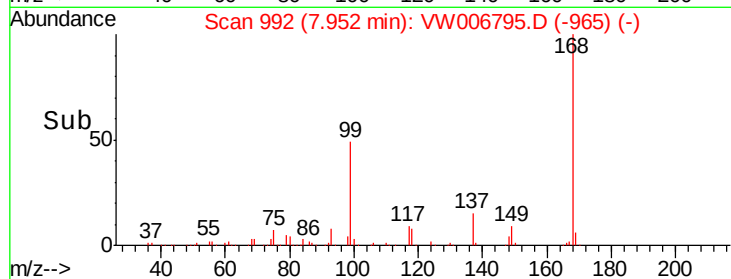
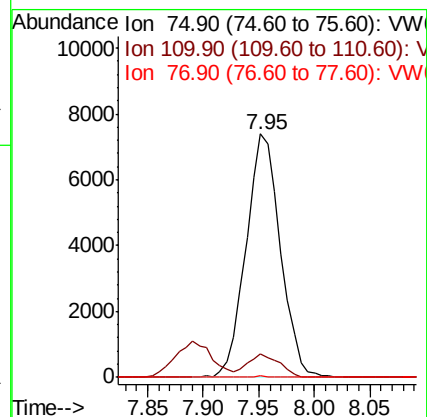
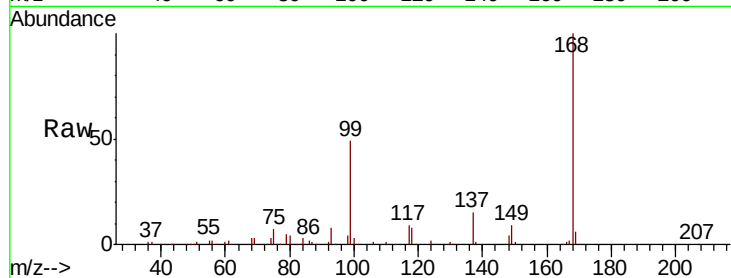
Tot Ion: 75 Resp: 15835

Ion Ratio Lower Upper

75 100

110 8.9 19.6 58.7#

77 0.1 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.532 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW006795.D

Acq: 09 Nov 2018 19:23

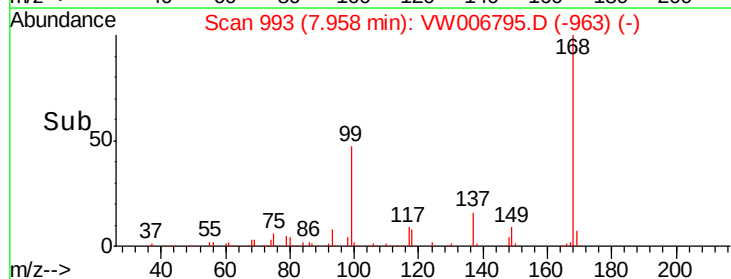
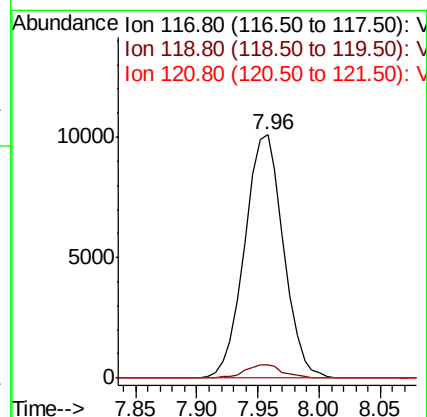
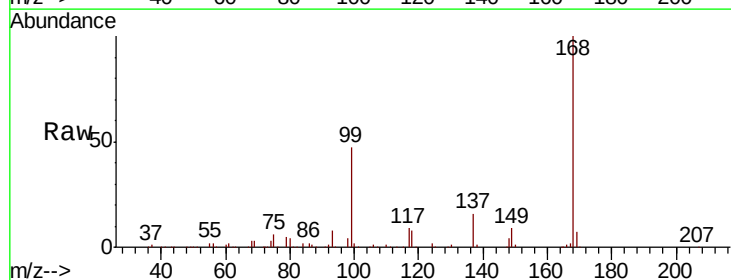
Tgt Ion: 117 Resp: 22275

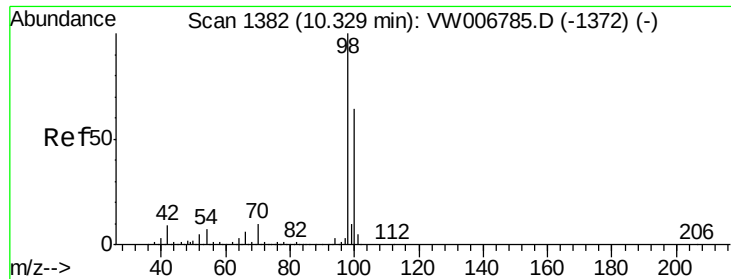
Ion Ratio Lower Upper

117 100

119 5.3 78.9 118.3#

121 0.0 25.3 37.9#

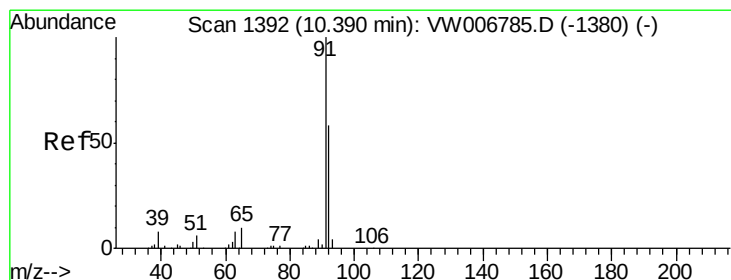
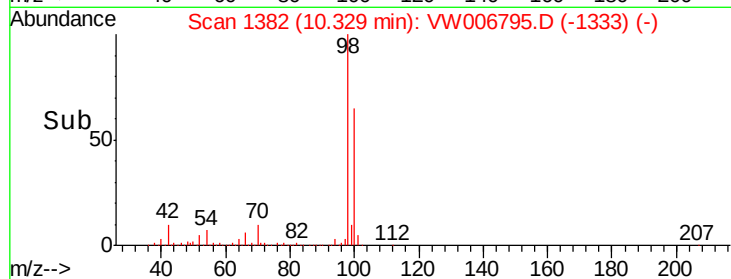
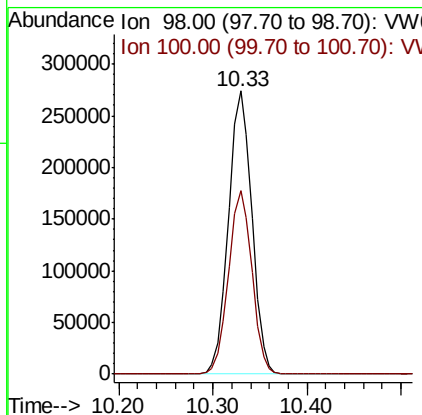
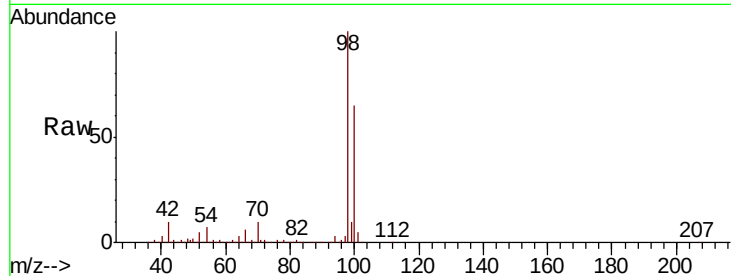




#50
Toluene-d8
Concen: 56.159 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006795.D
Acq: 09 Nov 2018 19:23

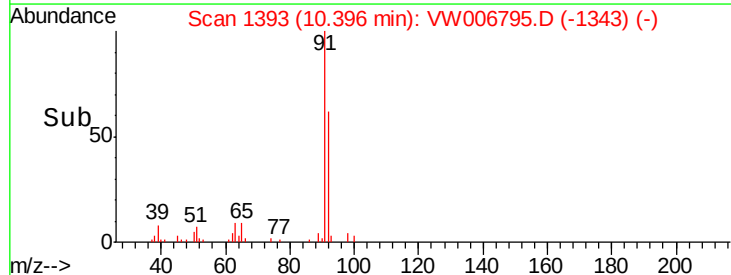
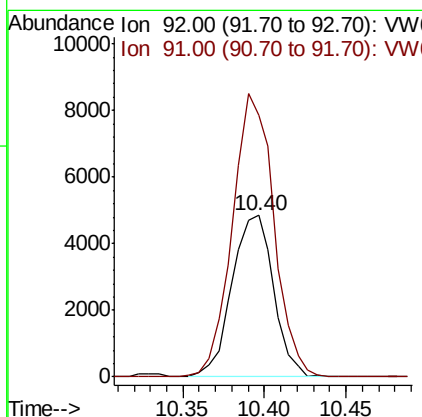
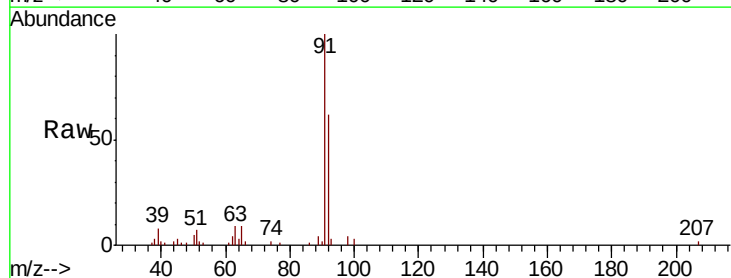
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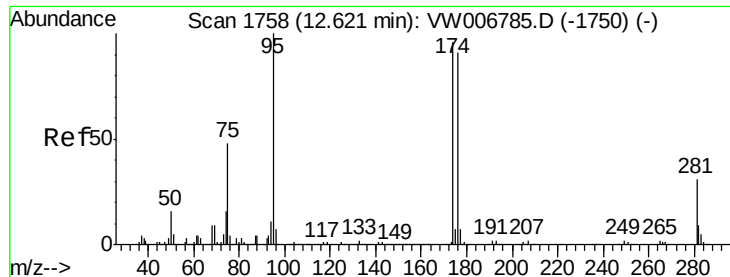
Tot Ion: 98 Resp: 473150
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#52
Toluene
Concen: 1.363 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW006795.D
Acq: 09 Nov 2018 19:23

Tgt Ion: 92 Resp: 8638
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8





#62

4-Bromofluorobenzene

Concen: 53.787 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006795.D

Acq: 09 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-102(13-15)

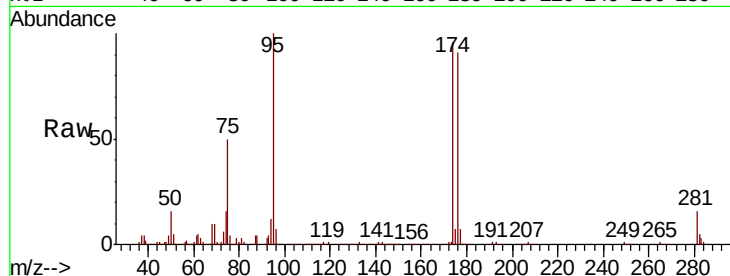
Tot Ion: 95 Resp: 165041

Ion Ratio Lower Upper

95 100

174 98.5 0.0 196.2

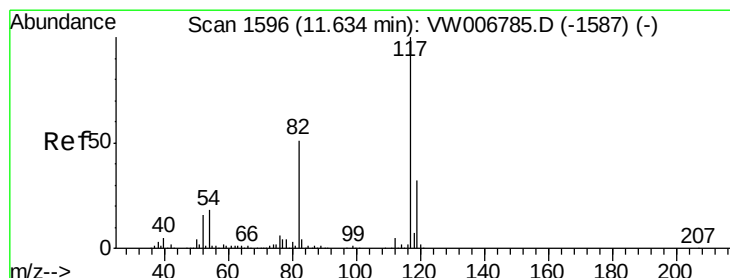
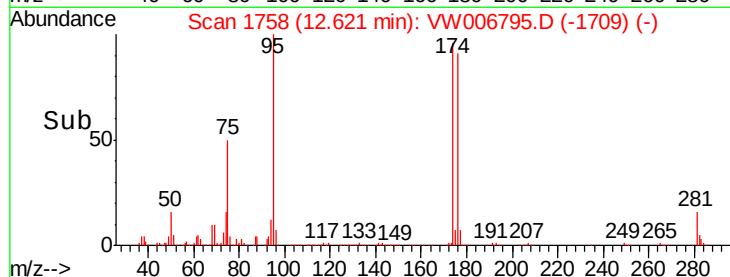
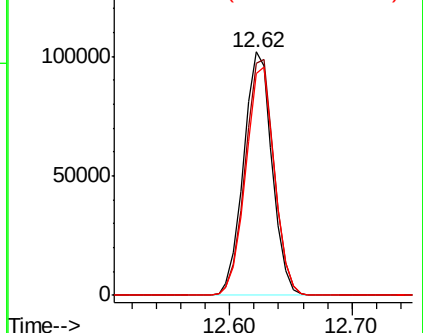
176 94.4 0.0 190.8



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: VW006795.D

Acq: 09 Nov 2018 19:23

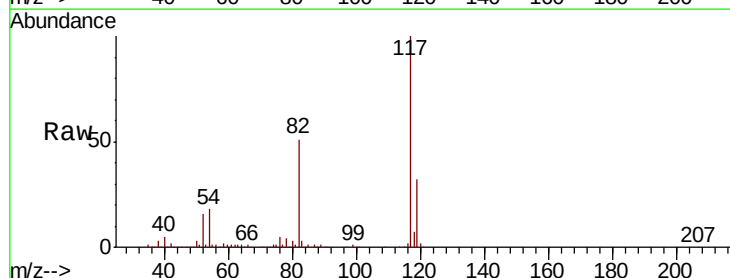
Tgt Ion: 117 Resp: 350684

Ion Ratio Lower Upper

117 100

82 51.2 40.9 61.3

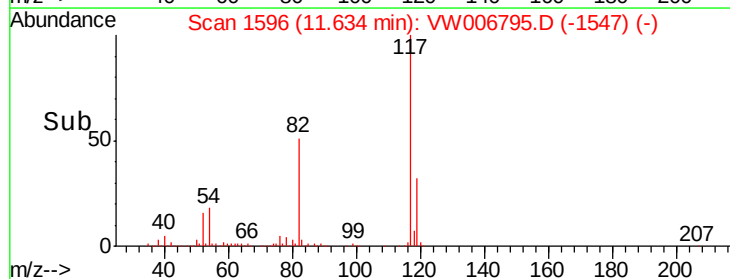
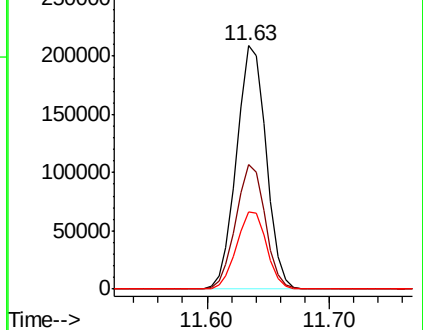
119 31.7 25.8 38.8

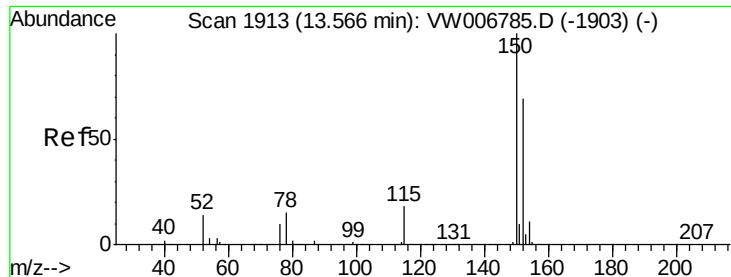


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006795.D

Acq: 09 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-102(13-15)

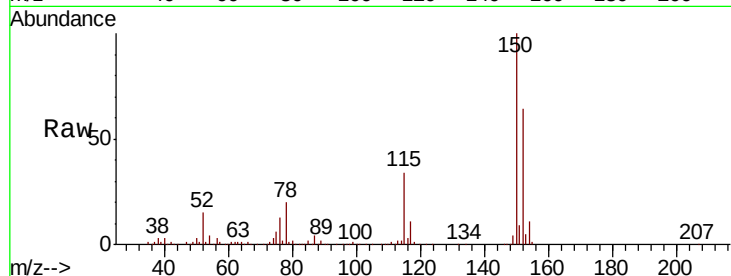
Tot Ion:152 Resp: 189186

Ion Ratio Lower Upper

152 100

115 54.1 26.7 80.0

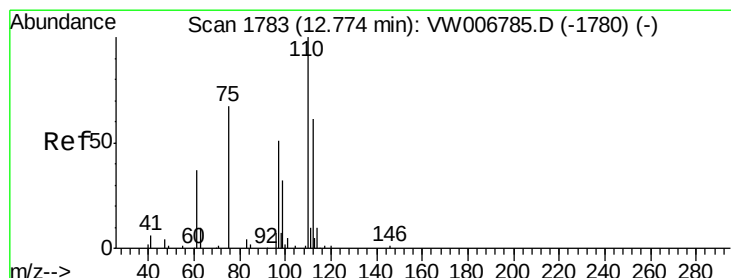
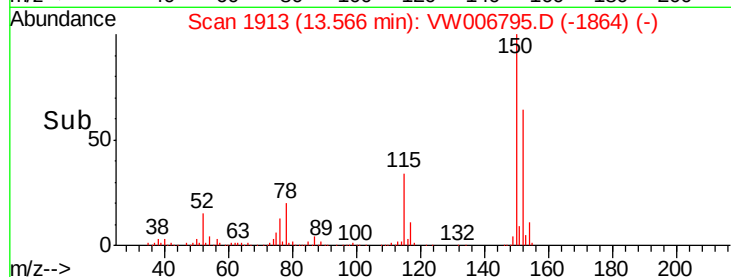
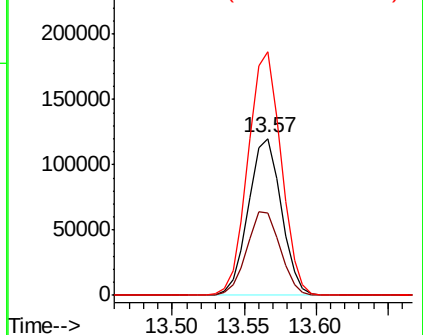
150 156.5 0.0 348.0



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: 58.047 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006795.D

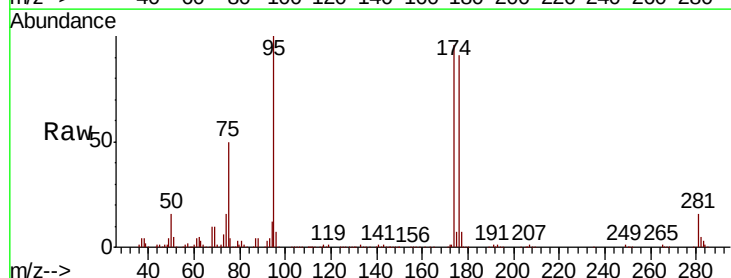
Acq: 09 Nov 2018 19:23

Tgt Ion: 75 Resp: 80084

Ion Ratio Lower Upper

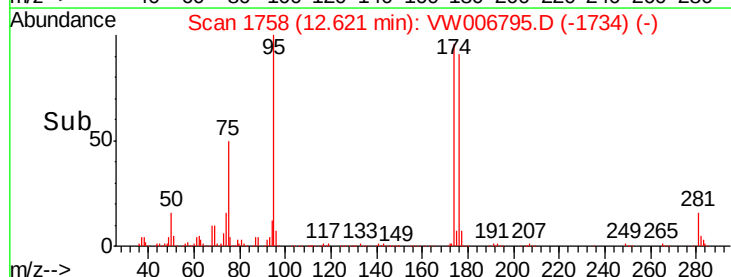
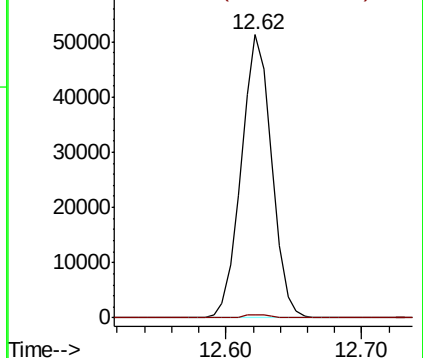
75 100

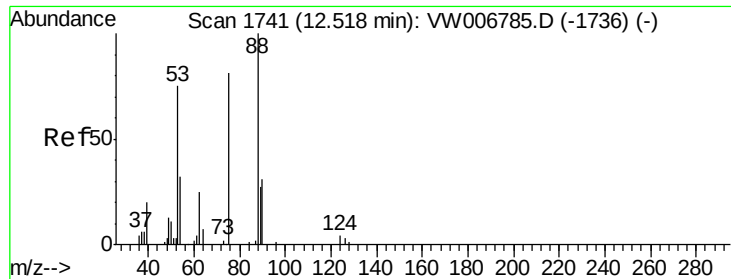
77 1.2 0.0 0.0#



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: 154.336 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006795.D

Acq: 09 Nov 2018 19:23

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-102(13-15)

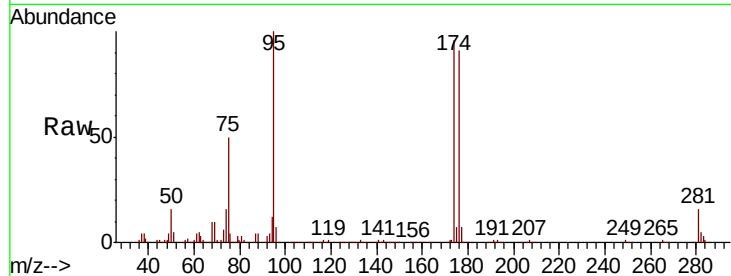
Tot Ion: 75 Resp: 80084

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.1 38.1 57.1#



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

