

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006796.D
 Acq On : 09 Nov 2018 19:49
 Operator : SY/AP
 Sample : J5860-03
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-103(14-16)

Quant Time: Nov 12 04:38:58 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	244037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185084	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	112270	62.77	ug/l	0.00
Spiked Amount			Recovery	=	125.54%	
35) Dibromofluoromethane	7.89	113	107993	55.98	ug/l	0.00
Spiked Amount			Recovery	=	111.96%	
50) Toluene-d8	10.33	98	451864	55.65	ug/l	0.00
Spiked Amount			Recovery	=	111.30%	
62) 4-Bromofluorobenzene	12.62	95	155486	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	

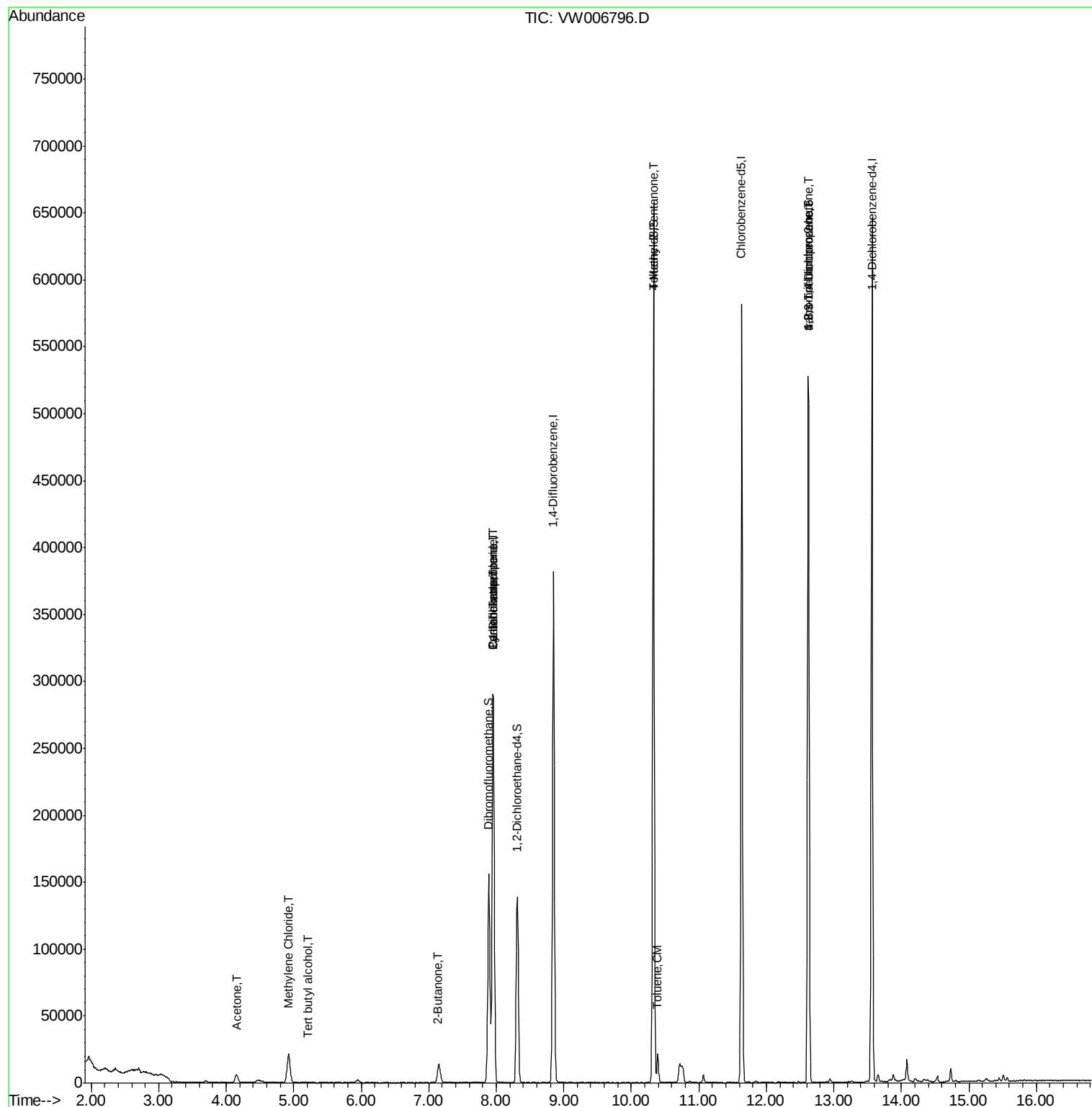
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	205	1.741	ug/l #	71
16) Acetone	4.15	43	11852	45.780	ug/l	97
20) Methylene Chloride	4.92	84	17938	3.365	ug/l	95
25) 2-Butanone	7.13	43	783	1.832	ug/l #	44
31) Cyclohexane	7.95	56	3940	1.181	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	15076	4.902	ug/l #	47
38) Carbon Tetrachloride	7.96	117	21188	6.447	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1592	1.513	ug/l #	1
52) Toluene	10.40	92	9338	1.529	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	75161	55.686	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75161	148.058	ug/l #	12

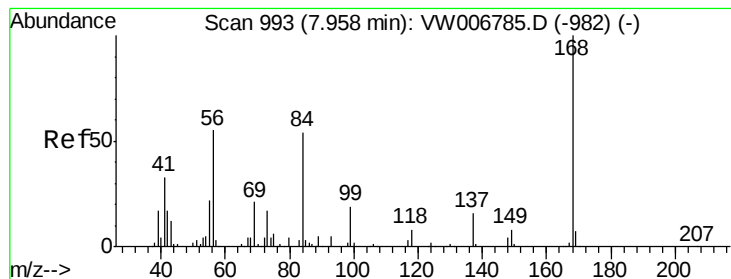
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP2-SB-103(14-16)

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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: VW006796.D

Acq: 09 Nov 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

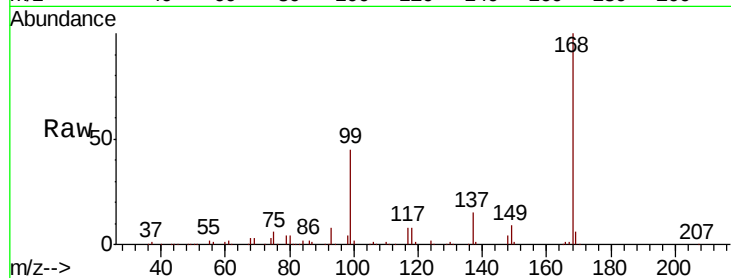
EP2-SB-103(14-16)

Tot Ion:168 Resp: 244037

Ion Ratio Lower Upper

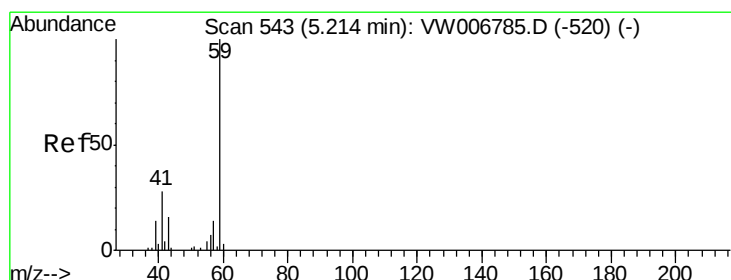
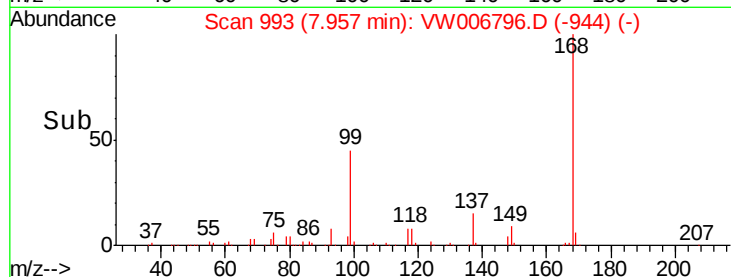
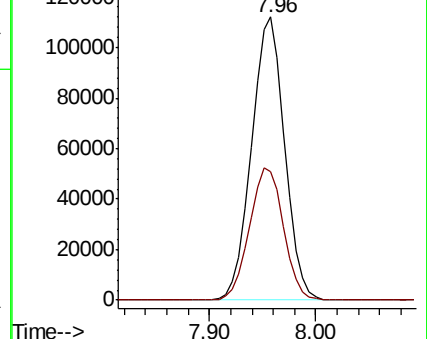
168 100

99 45.3 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.741 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.00 min

Lab File: VW006796.D

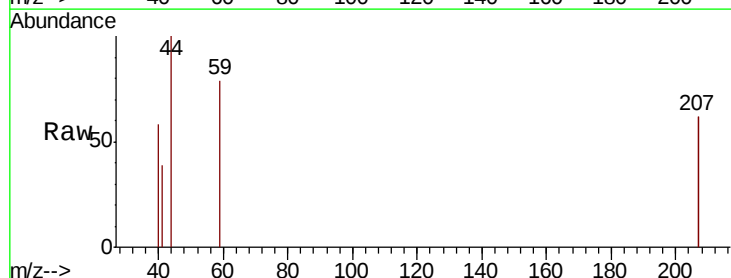
Acq: 09 Nov 2018 19:49

Tgt Ion: 59 Resp: 205

Ion Ratio Lower Upper

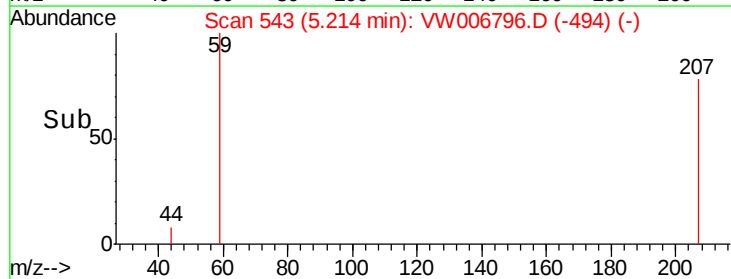
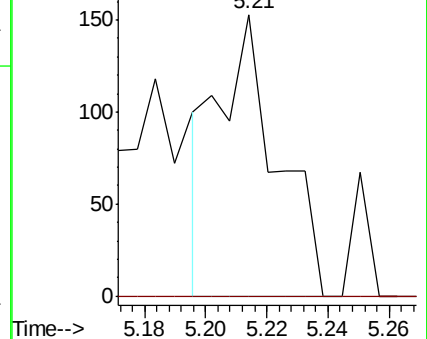
59 100

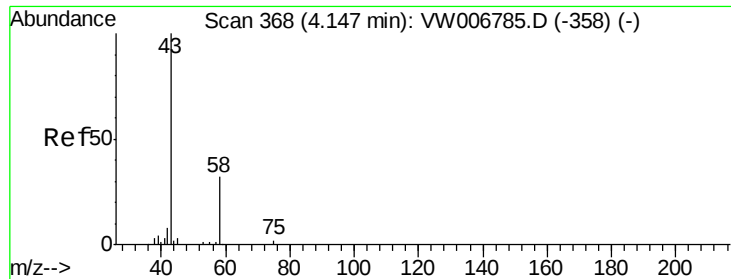
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 45.780 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006796.D

Acq: 09 Nov 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

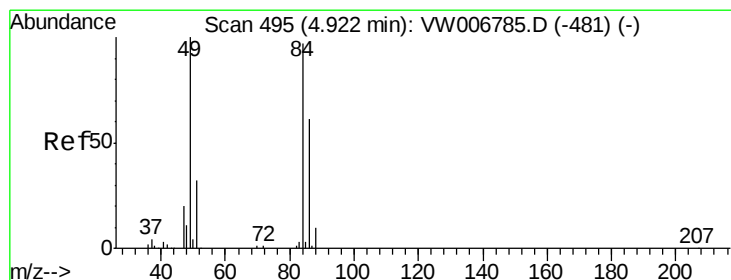
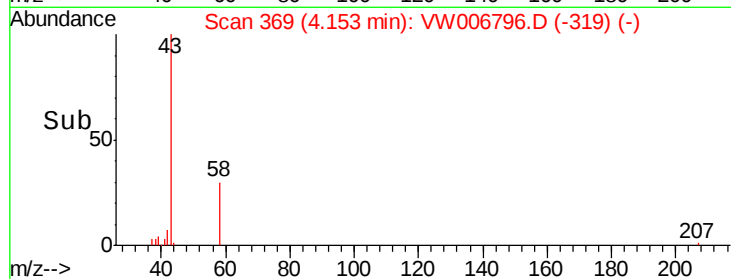
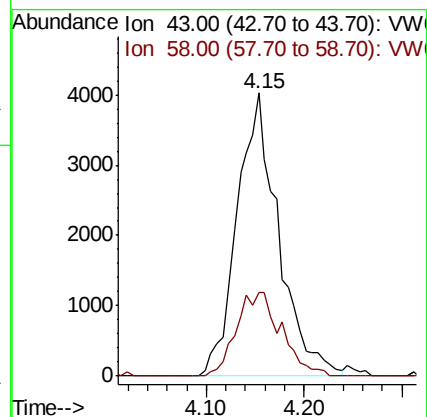
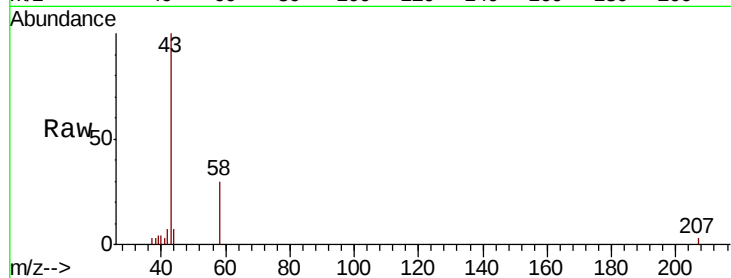
EP2-SB-103(14-16)

Tot Ion: 43 Resp: 11852

Ion Ratio Lower Upper

43 100

58 29.8 25.4 38.0



#20

Methylene Chloride

Concen: 3.365 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006796.D

Acq: 09 Nov 2018 19:49

Tgt Ion: 84 Resp: 17938

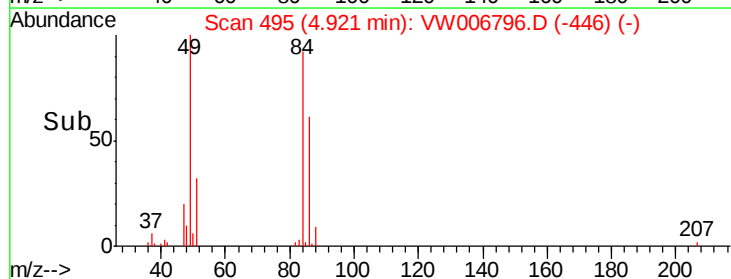
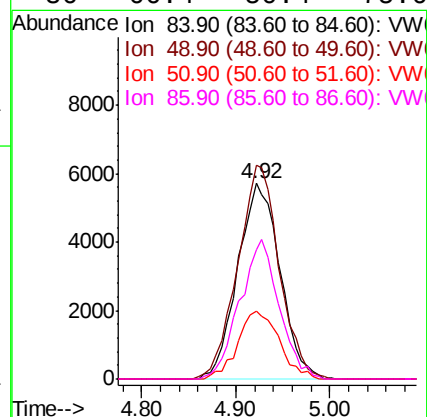
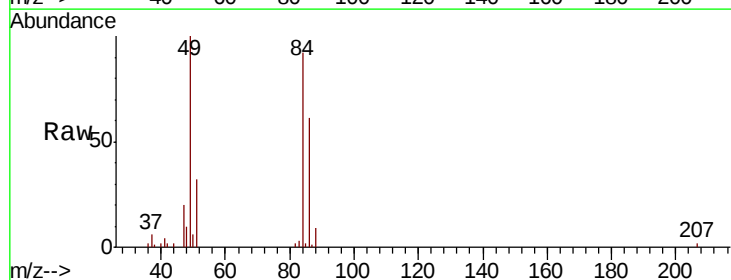
Ion Ratio Lower Upper

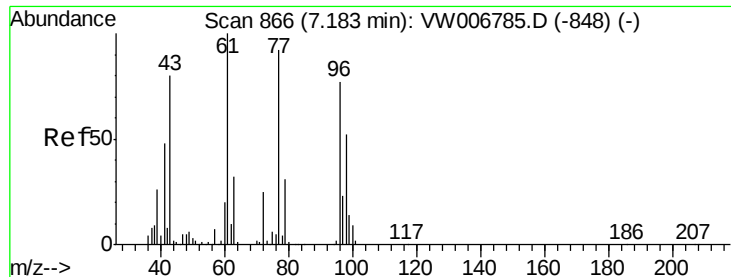
84 100

49 109.3 82.4 123.6

51 34.5 26.7 40.1

86 66.4 50.4 75.6





#25

2-Butanone

Concen: 1.832 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.06 min

Lab File: VW006796.D

Acq: 09 Nov 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

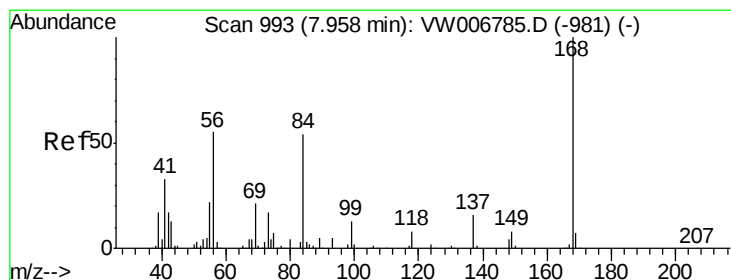
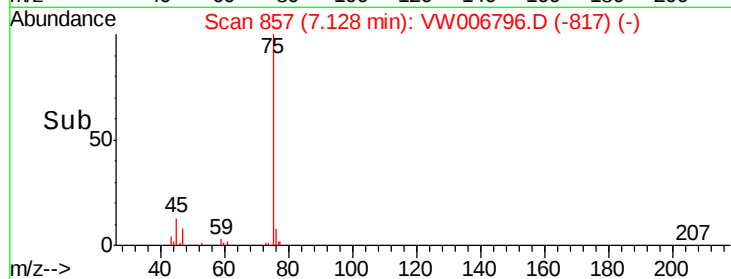
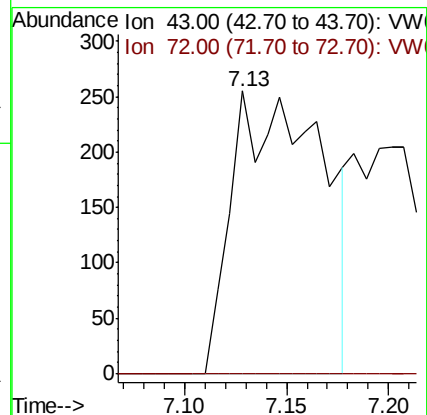
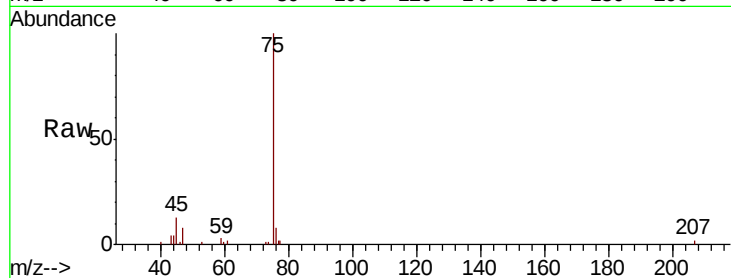
EP2-SB-103(14-16)

Tot Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

72 0.0 24.5 36.7#



#31

Cyclohexane

Concen: 1.181 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006796.D

Acq: 09 Nov 2018 19:49

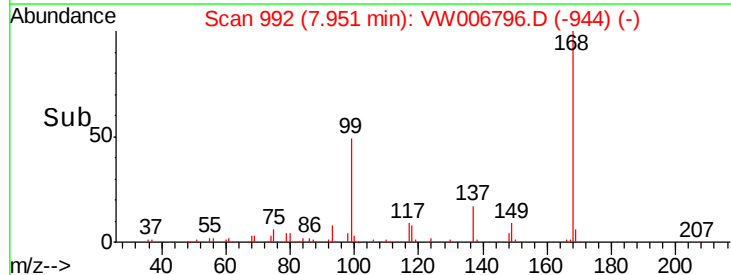
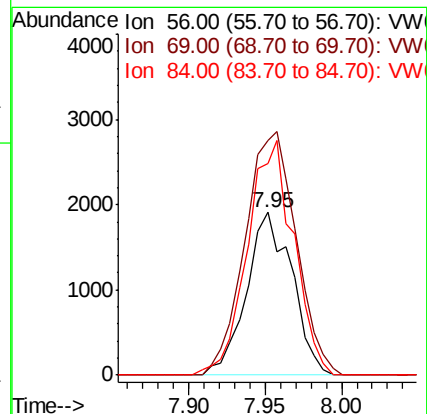
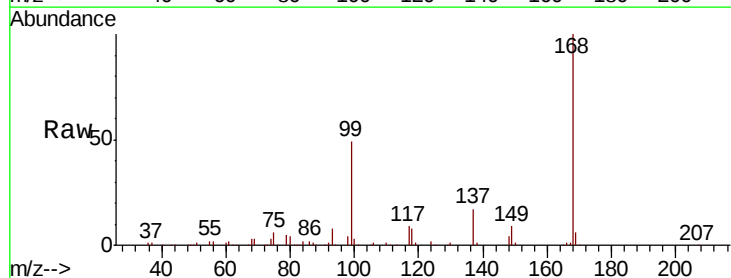
Tgt Ion: 56 Resp: 3940

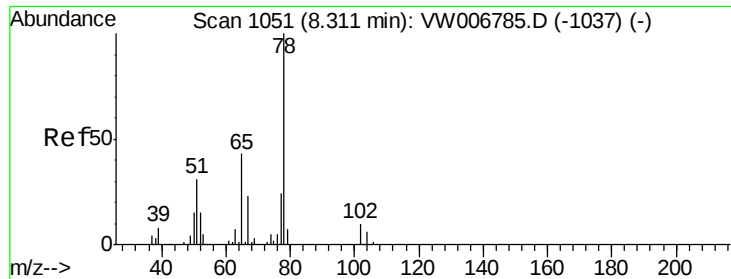
Ion Ratio Lower Upper

56 100

69 143.7 30.3 45.5#

84 130.2 78.2 117.2#

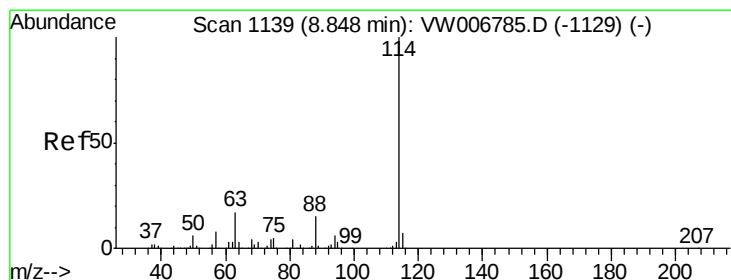
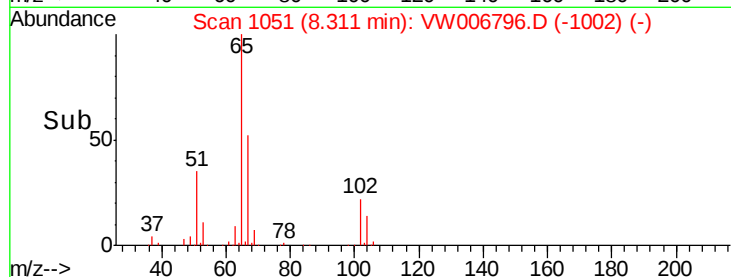
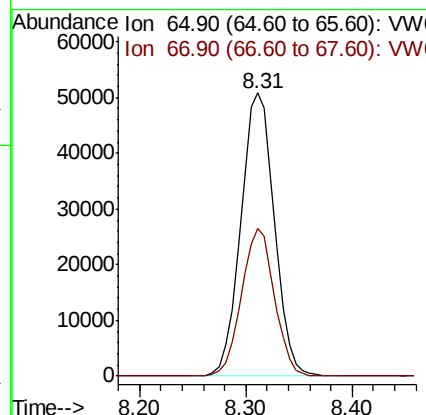
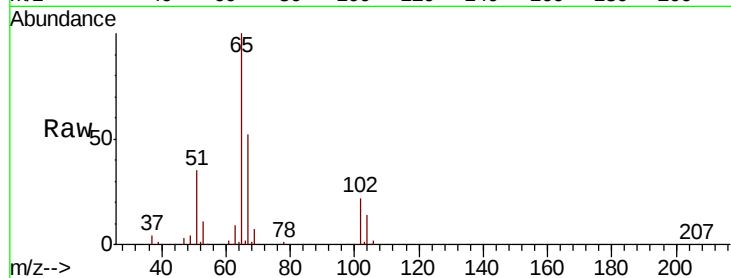




#33
 1,2-Dichloroethane-d4
 Concen: 62.773 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006796.D
 Acq: 09 Nov 2018 19:49

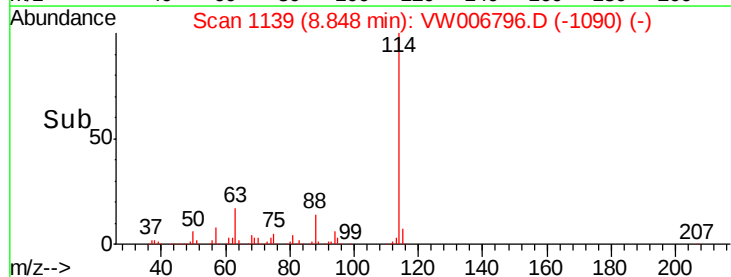
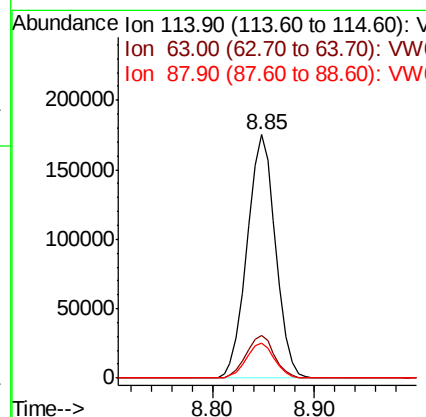
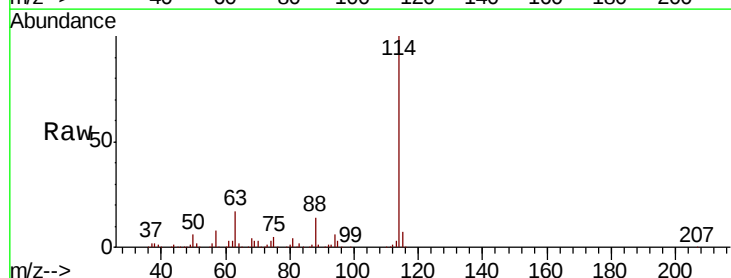
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-103(14-16)

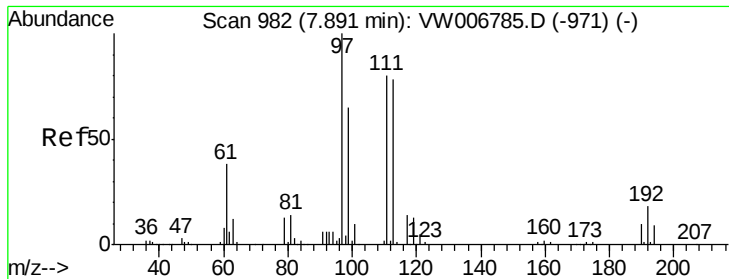
Tot Ion: 65 Resp: 112270
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006796.D
 Acq: 09 Nov 2018 19:49

Tgt Ion: 114 Resp: 338958
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.0
 88 14.4 0.0 29.2

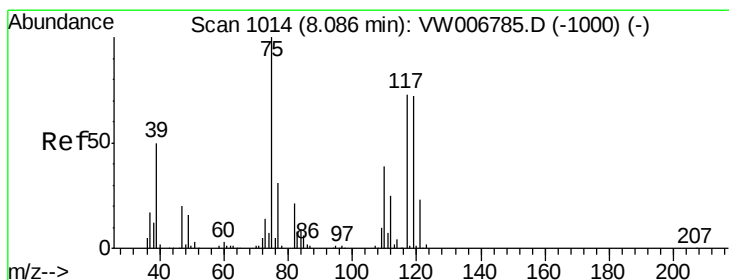
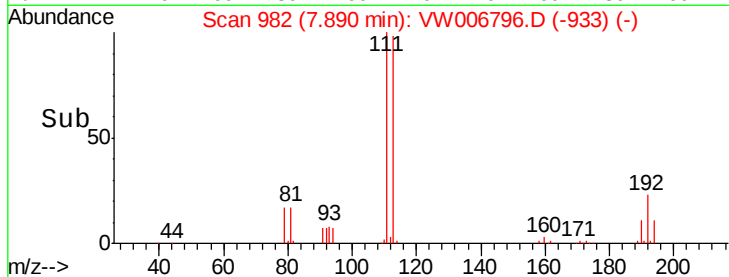
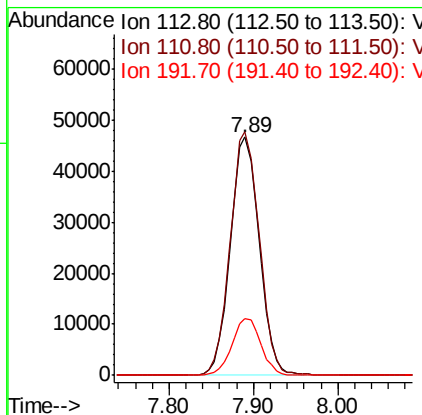
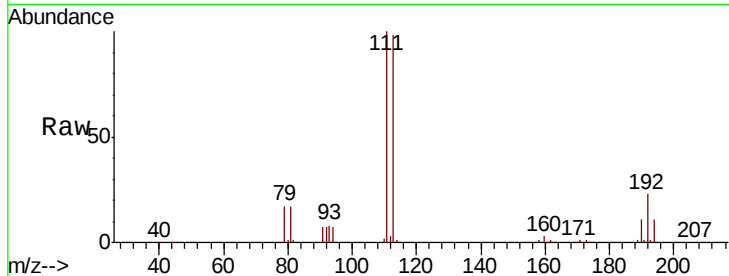




#35
 Dibromofluoromethane
 Concen: 55.976 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006796.D
 Acq: 09 Nov 2018 19:49

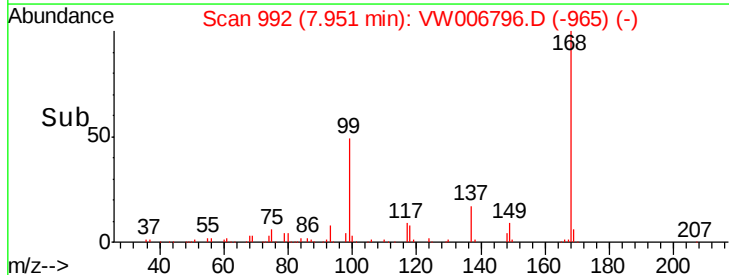
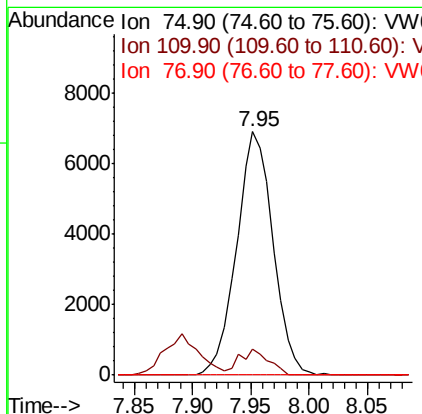
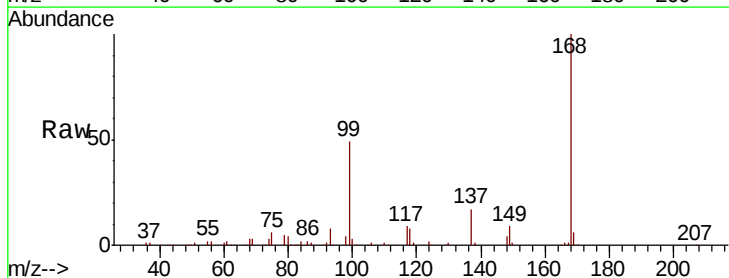
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-103(14-16)

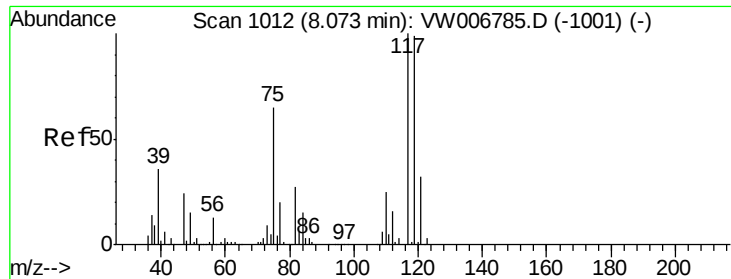
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	23.7	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.902 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006796.D
 Acq: 09 Nov 2018 19:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.6	58.7#
77	0.0	24.9	37.3#

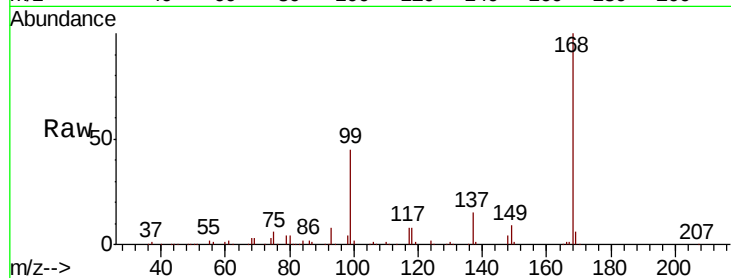




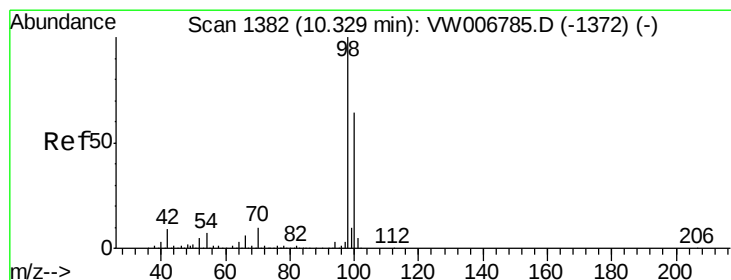
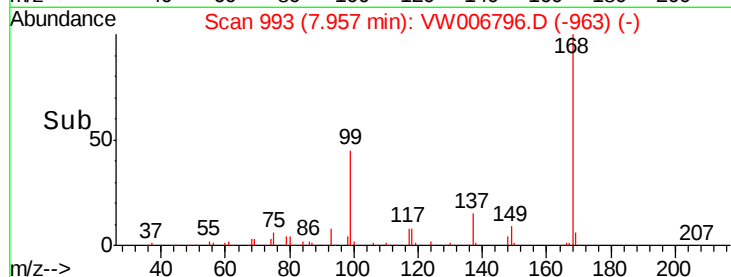
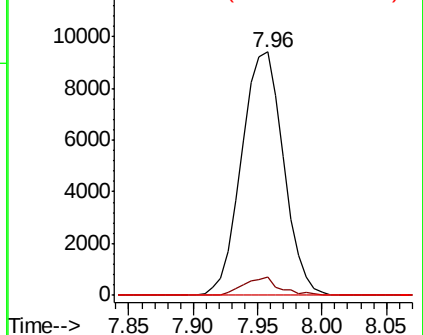
#38
Carbon Tetrachloride
Concen: 6.447 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW006796.D
Acq: 09 Nov 2018 19:49

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-103(14-16)

Tot Ion:117 Resp: 21188
Ion Ratio Lower Upper
117 100
119 7.5 78.9 118.3#
121 0.0 25.3 37.9#

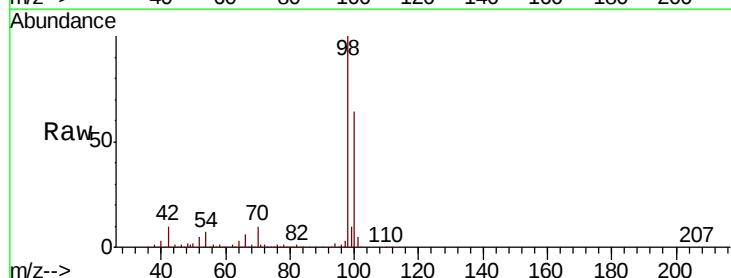


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

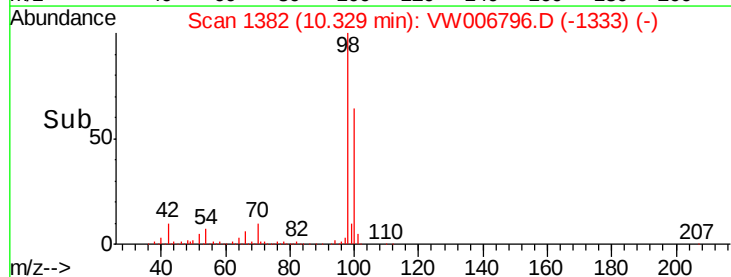
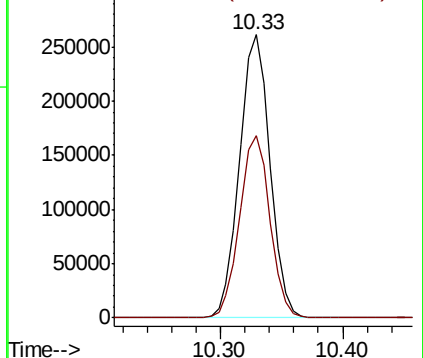


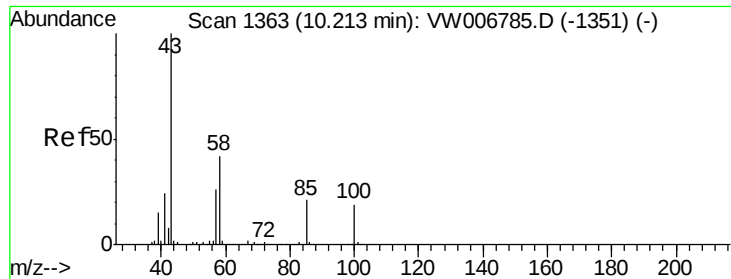
#50
Toluene-d8
Concen: 55.651 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006796.D
Acq: 09 Nov 2018 19:49

Tgt Ion: 98 Resp: 451864
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



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: 1.513 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006796.D

Acq: 09 Nov 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

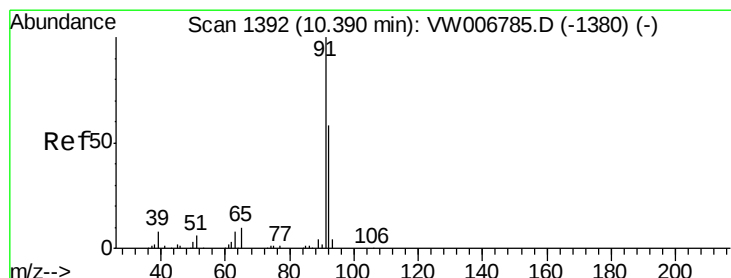
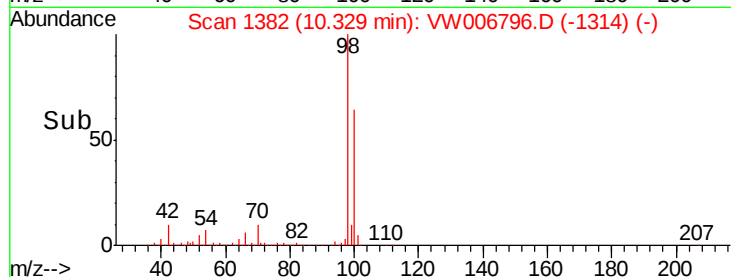
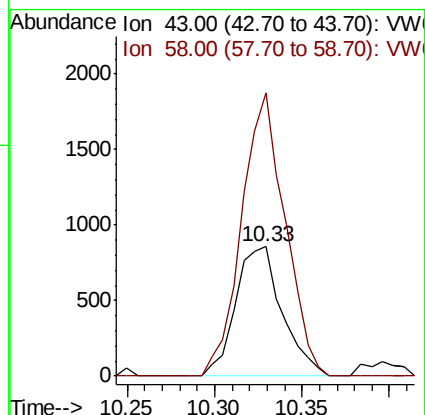
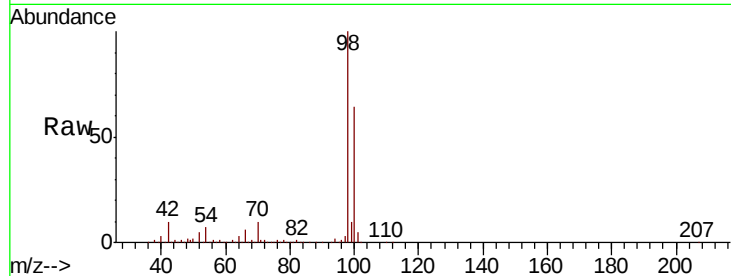
EP2-SB-103(14-16)

Tot Ion: 43 Resp: 1592

Ion Ratio Lower Upper

43 100

58 203.2 33.2 49.8#



#52

Toluene

Concen: 1.529 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006796.D

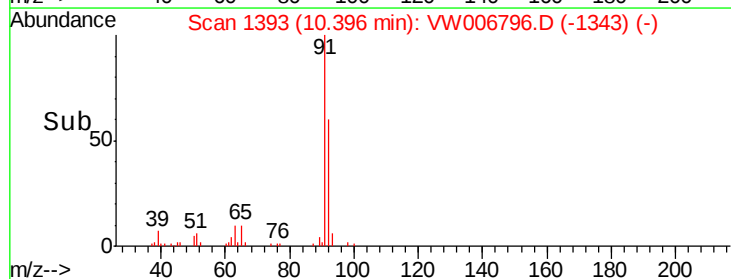
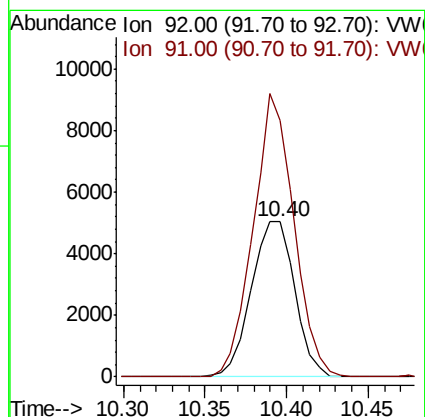
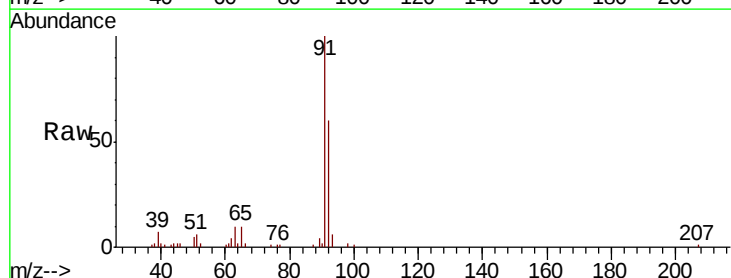
Acq: 09 Nov 2018 19:49

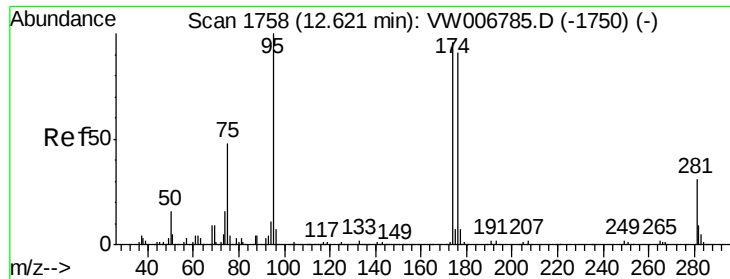
Tgt Ion: 92 Resp: 9338

Ion Ratio Lower Upper

92 100

91 170.3 138.6 207.8

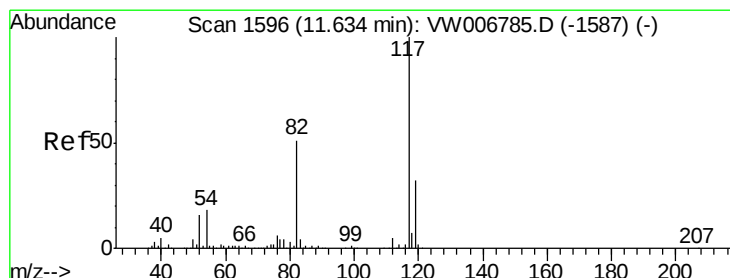
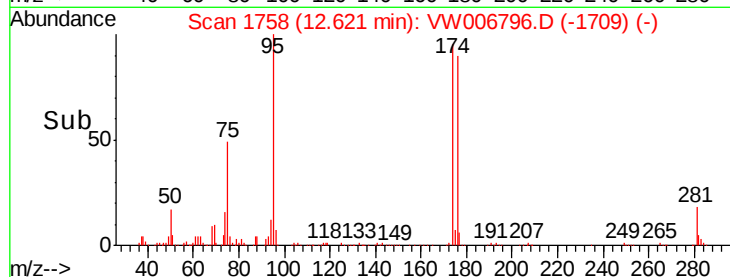
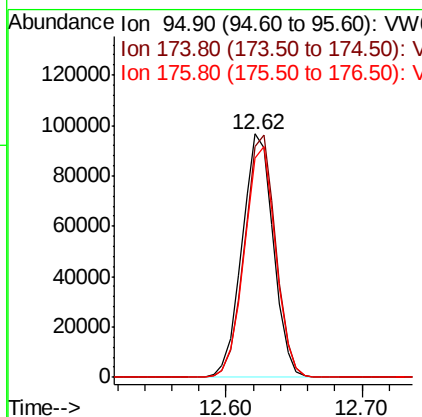
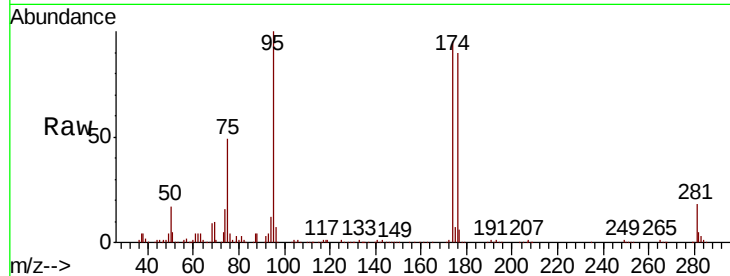




#62
4-Bromofluorobenzene
Concen: 52.580 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006796.D
Acq: 09 Nov 2018 19:49

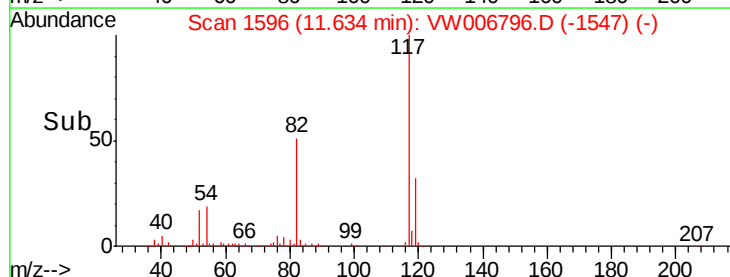
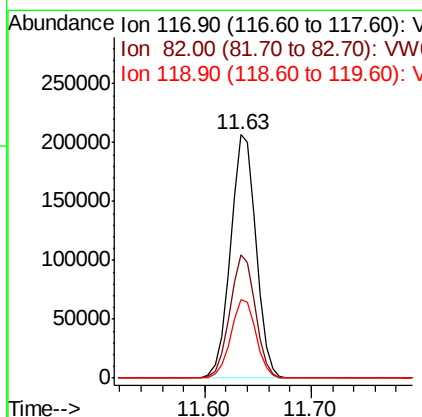
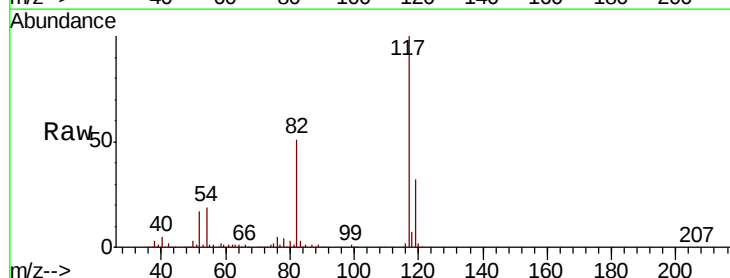
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-103(14-16)

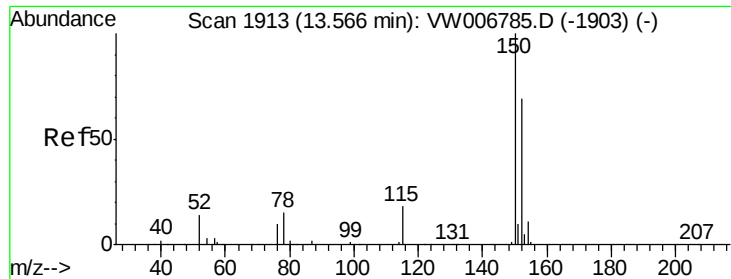
Tot Ion: 95 Resp: 155486
Ion Ratio Lower Upper
95 100
174 99.2 0.0 196.2
176 95.0 0.0 190.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006796.D
Acq: 09 Nov 2018 19:49

Tgt Ion: 117 Resp: 346432
Ion Ratio Lower Upper
117 100
82 50.6 40.9 61.3
119 32.1 25.8 38.8



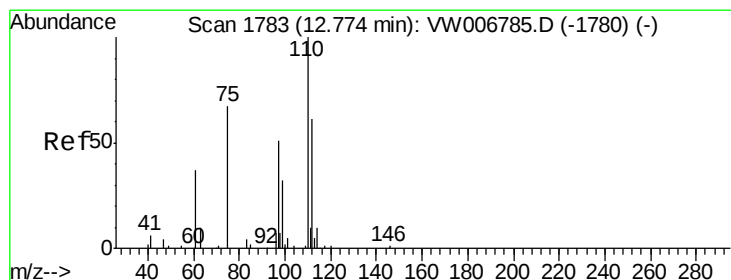
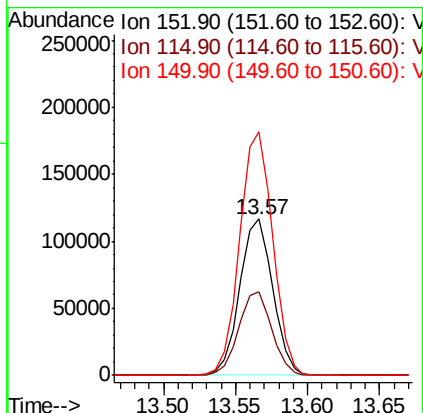
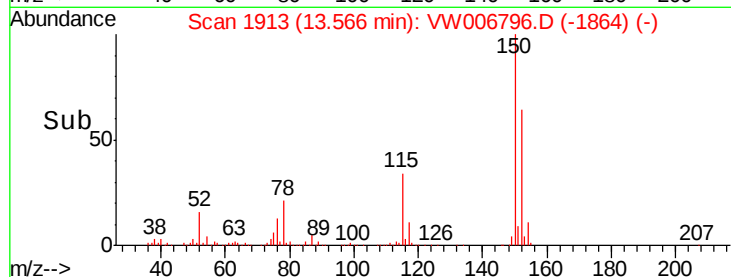
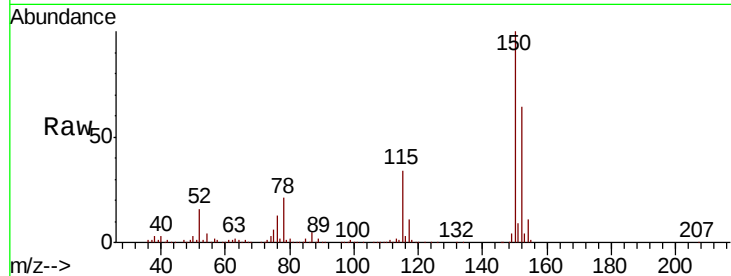


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006796.D
Acq: 09 Nov 2018 19:49

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-103(14-16)

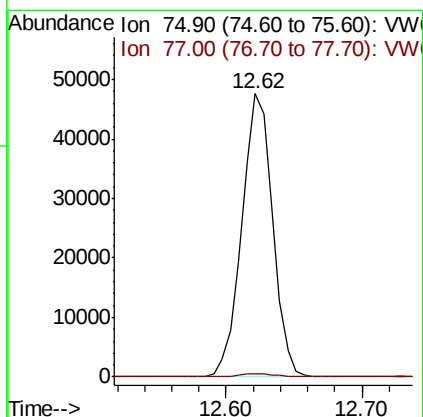
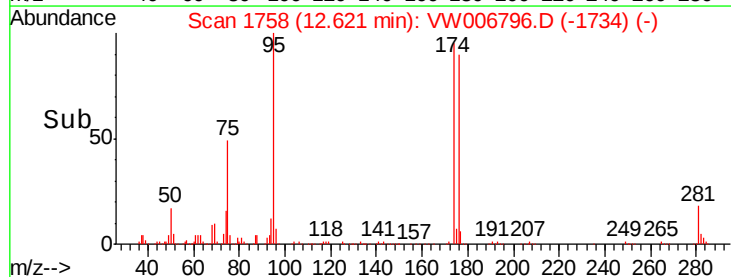
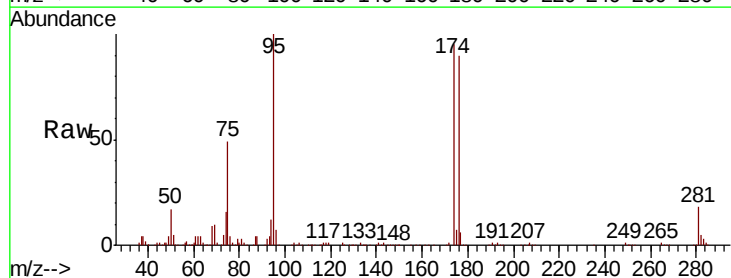
Tot Ion:152 Resp: 185084
Ion Ratio Lower Upper
152 100
115 53.6 26.7 80.0
150 156.0 0.0 348.0

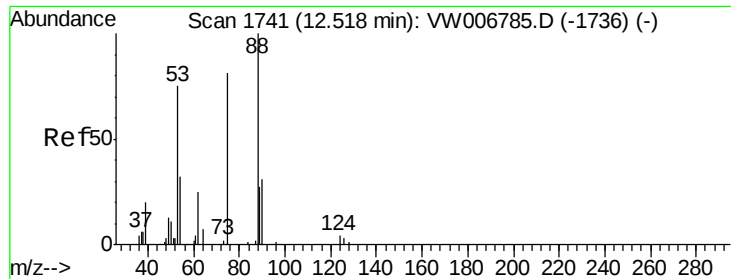


#76

1,2,3-Trichloropropane
Concen: 55.686 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006796.D
Acq: 09 Nov 2018 19:49

Tgt Ion: 75 Resp: 75161
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 148.058 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006796.D

Acq: 09 Nov 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-103(14-16)

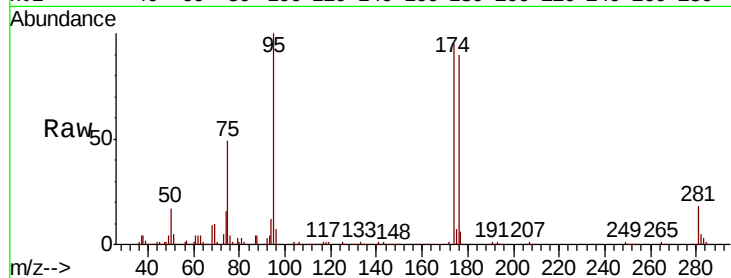
Tot Ion: 75 Resp: 75161

Ion Ratio Lower Upper

75 100

53 0.1 74.0 111.0#

89 0.0 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

