

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006794.D
 Acq On : 09 Nov 2018 18:58
 Operator : SY/AP
 Sample : J5860-01
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-101(13-15)

Quant Time: Nov 12 04:38:37 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	7.95	168	256790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194305	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	111242	59.11	ug/l	0.00
Spiked Amount			Recovery	=	118.22%	
35) Dibromofluoromethane	7.89	113	111242	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	
50) Toluene-d8	10.33	98	464445	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.62	95	161777	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	

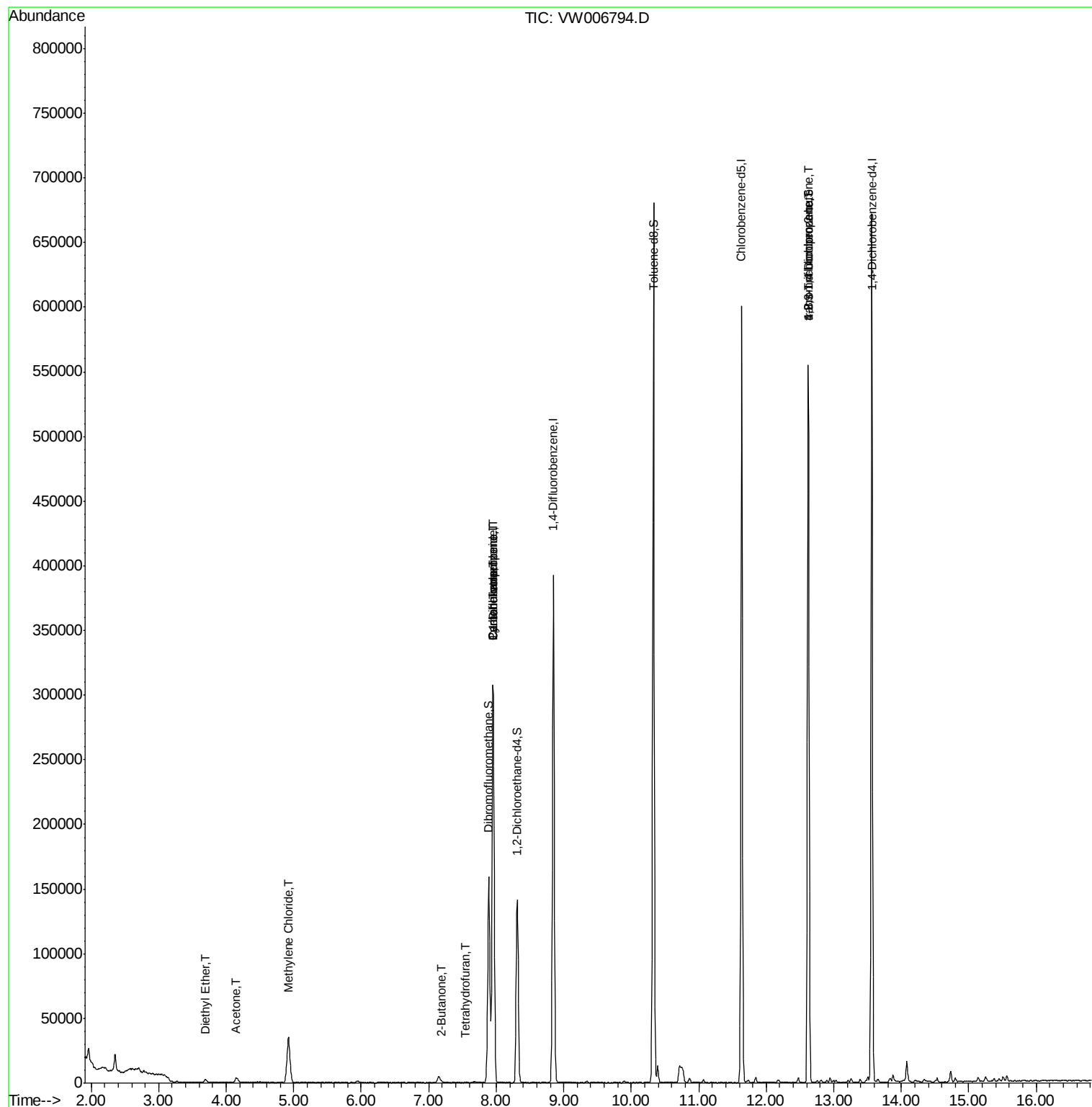
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	1517	1.575	ug/l	95
16) Acetone	4.14	43	7372	27.061	ug/l	97
20) Methylene Chloride	4.92	84	29382	8.656	ug/l	97
25) 2-Butanone	7.19	43	488	1.085	ug/l #	44
29) Tetrahydrofuran	7.54	42	449	1.523	ug/l #	32
31) Cyclohexane	7.96	56	4612	1.314	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	15875	4.968	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21560	6.315	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	77957	55.017	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77957	146.278	ug/l #	12

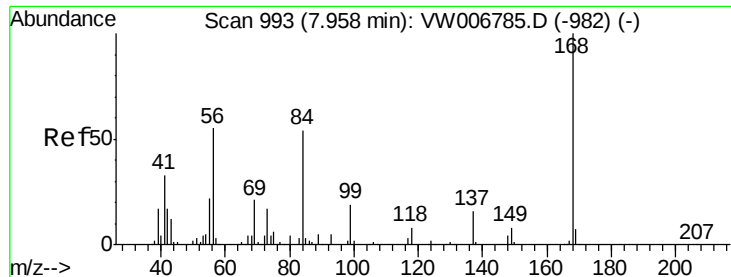
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110918\
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EP2-SB-101(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: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

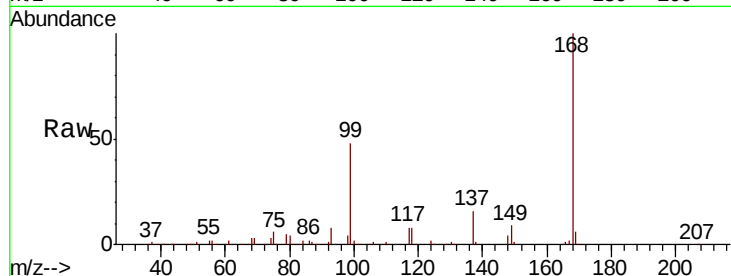
EP2-SB-101(13-15)

Tot Ion:168 Resp: 256790

Ion Ratio Lower Upper

168 100

99 48.2 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

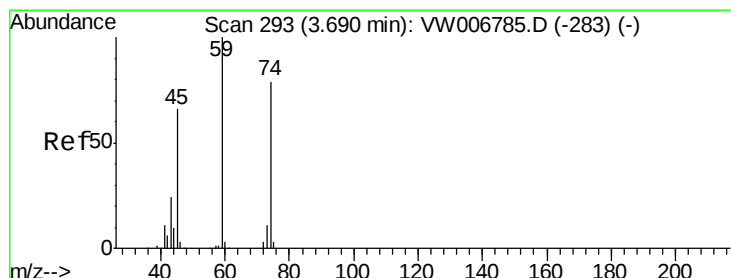
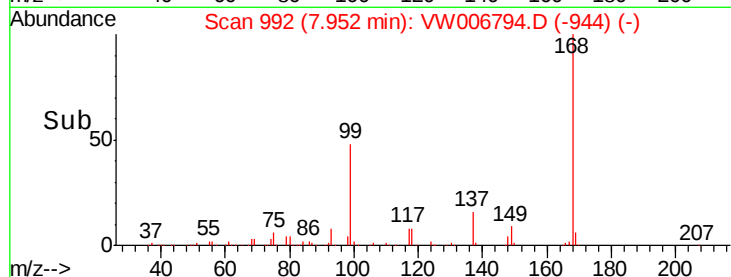
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.575 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW006794.D

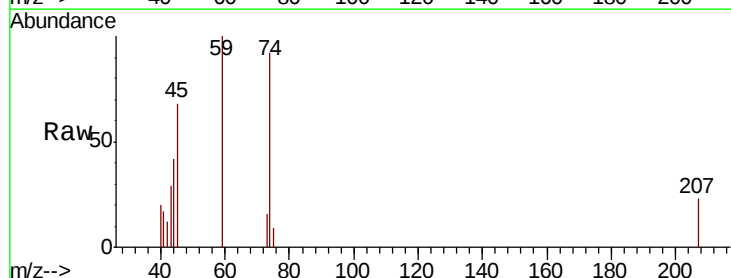
Acq: 09 Nov 2018 18:58

Tgt Ion: 74 Resp: 1517

Ion Ratio Lower Upper

74 100

45 93.0 44.0 132.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

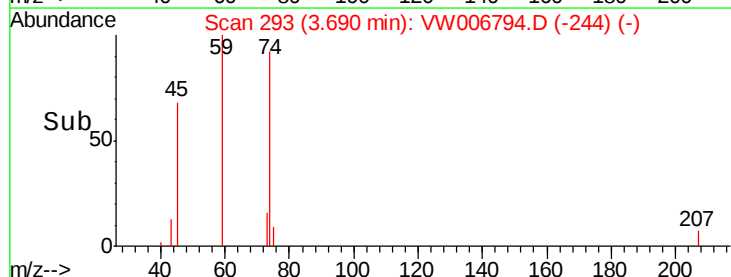
600

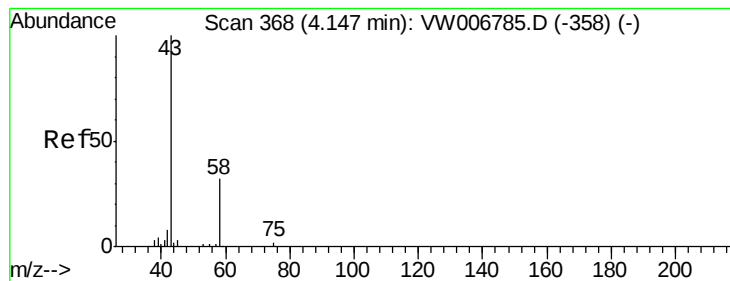
400

200

0

Time-->





#16

Acetone

Concen: 27.061 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

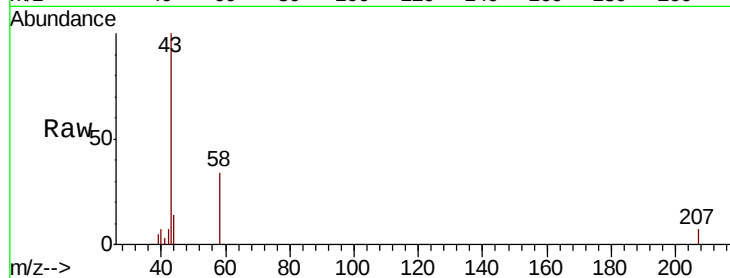
EP2-SB-101(13-15)

Tot Ion: 43 Resp: 7372

Ion Ratio Lower Upper

43 100

58 33.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

1500

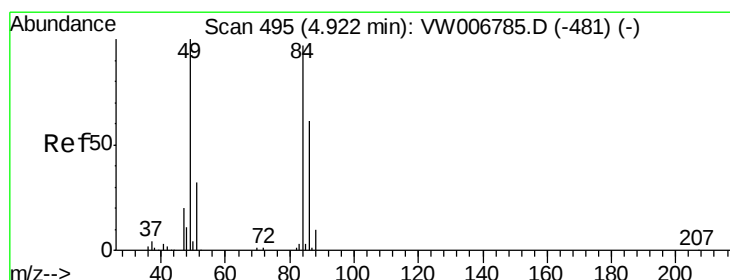
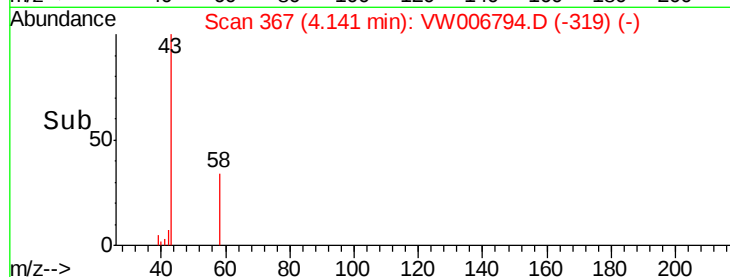
1000

500

0

Time-->

4.10 4.20 4.30



#20

Methylene Chloride

Concen: 8.656 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

Tgt Ion: 84 Resp: 29382

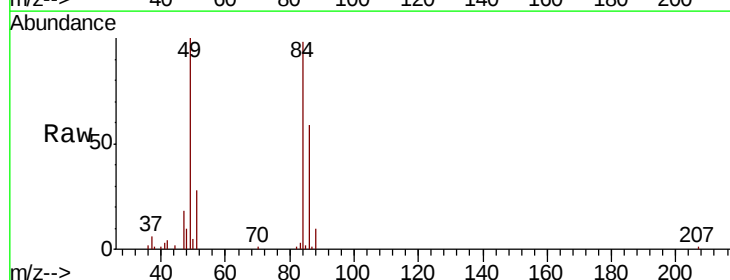
Ion Ratio Lower Upper

84 100

49 101.8 82.4 123.6

51 28.9 26.7 40.1

86 60.0 50.4 75.6



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

15000

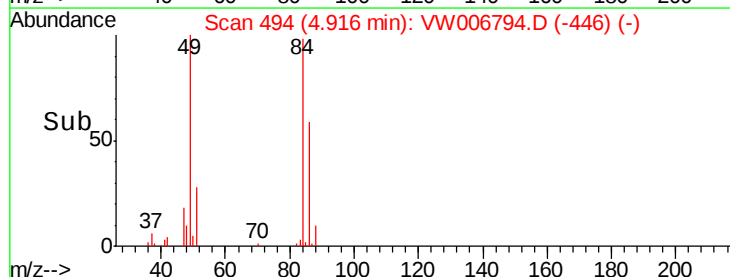
10000

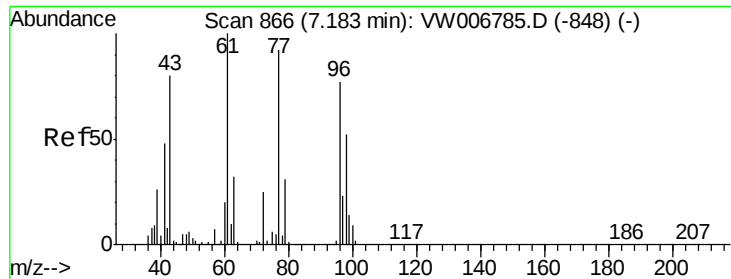
5000

0

Time-->

4.80 4.90 5.00

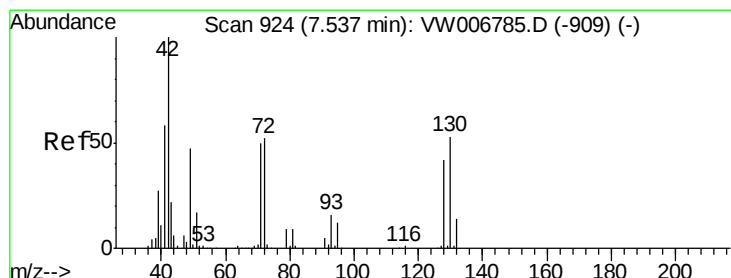
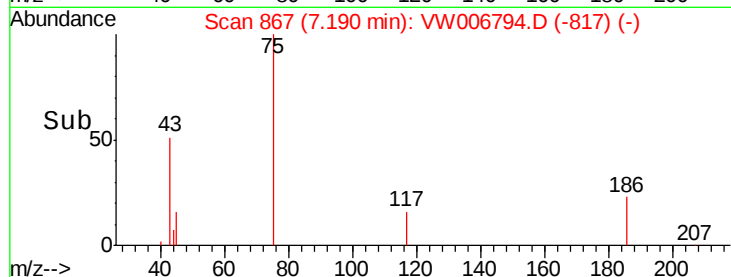
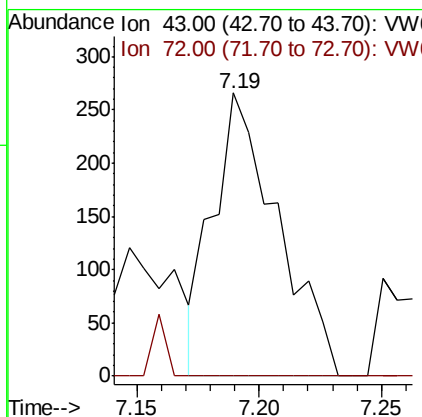
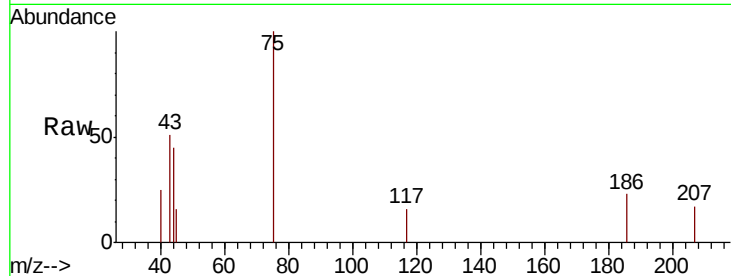




#25
2-Butanone
Concen: 1.085 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW006794.D
Acq: 09 Nov 2018 18:58

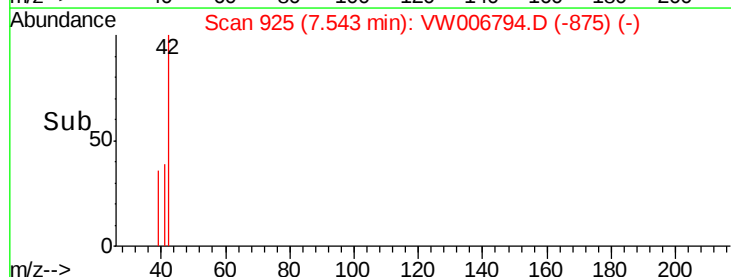
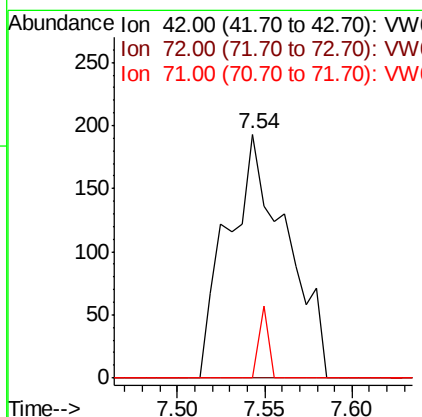
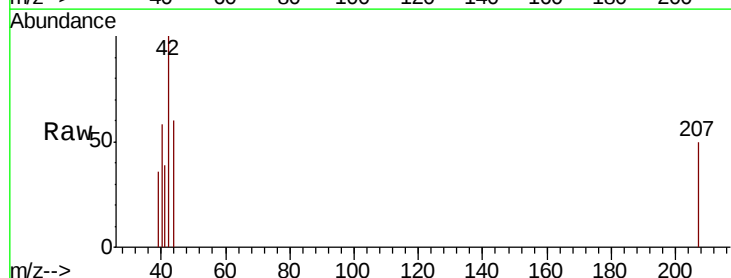
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-101(13-15)

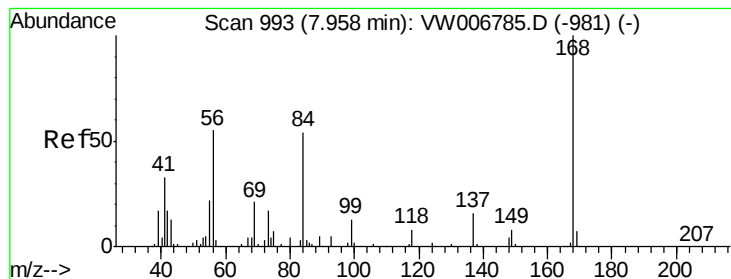
Tot Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#



#29
Tetrahydrofuran
Concen: 1.523 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006794.D
Acq: 09 Nov 2018 18:58

Tgt Ion: 42 Resp: 449
Ion Ratio Lower Upper
42 100
72 0.0 39.8 59.8#
71 4.7 37.8 56.6#





#31

Cyclohexane

Concen: 1.314 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-101(13-15)

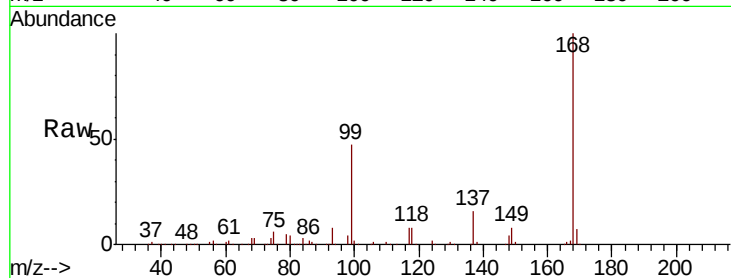
Tot Ion: 56 Resp: 4612

Ion Ratio Lower Upper

56 100

69 159.6 30.3 45.5#

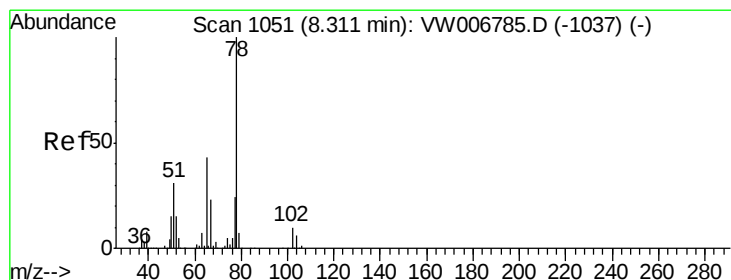
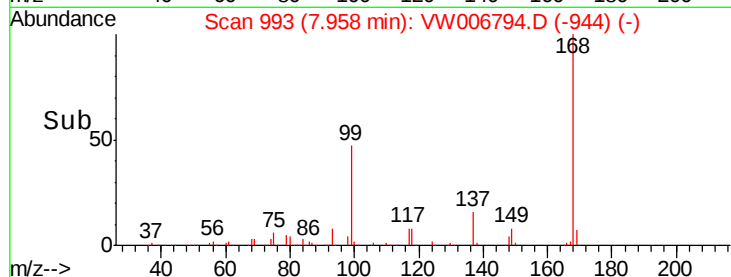
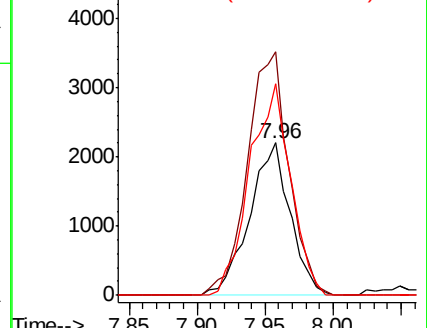
84 138.7 78.2 117.2#



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: 59.109 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006794.D

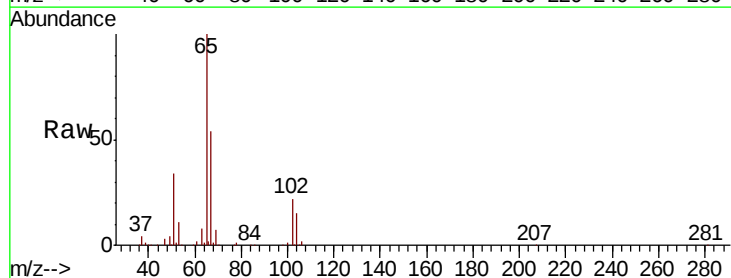
Acq: 09 Nov 2018 18:58

Tgt Ion: 65 Resp: 111242

Ion Ratio Lower Upper

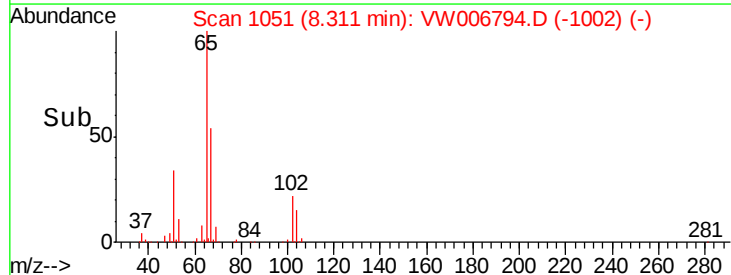
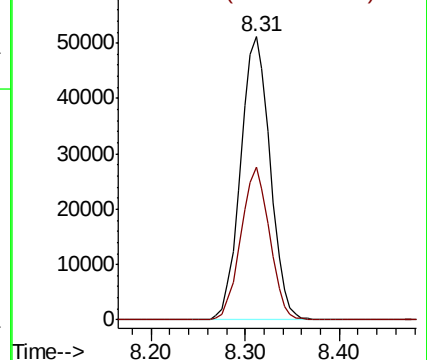
65 100

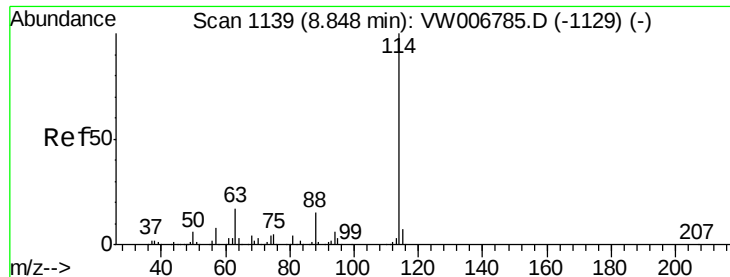
67 52.5 0.0 107.2



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: VW006794.D

Acq: 09 Nov 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-101(13-15)

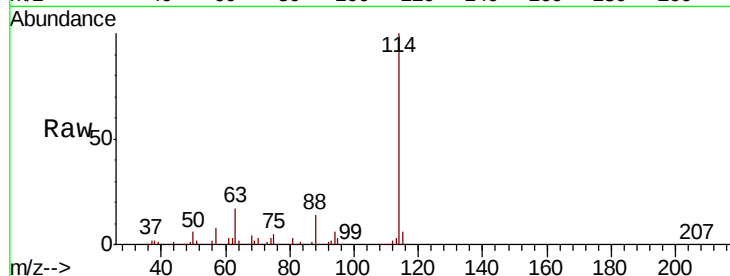
Tot Ion:114 Resp: 352121

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

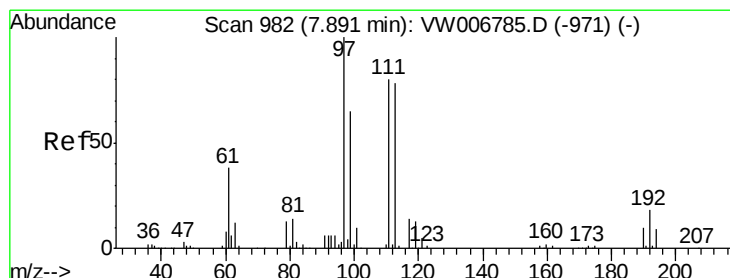
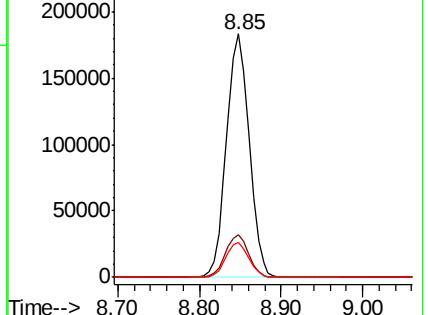
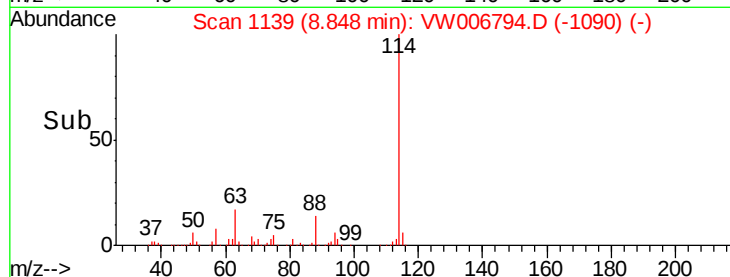
88 14.2 0.0 29.2



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: 55.504 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

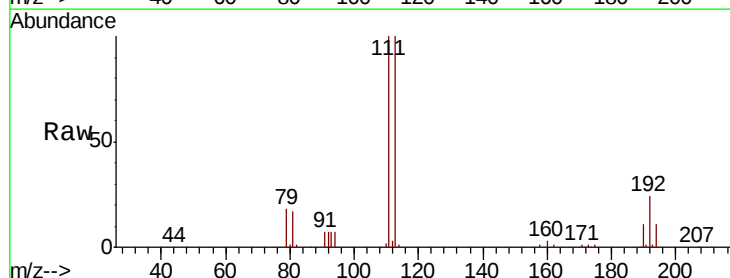
Tgt Ion:113 Resp: 111242

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

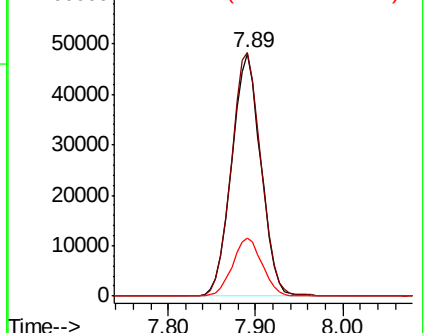
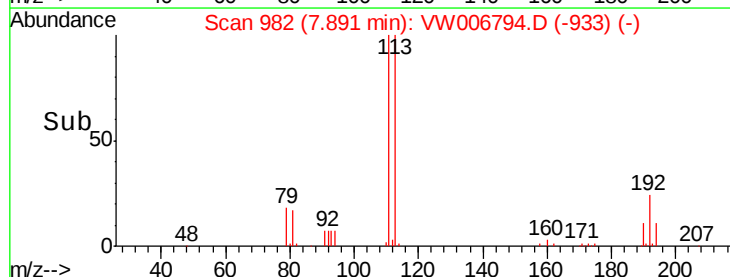
192 24.3 19.1 28.7

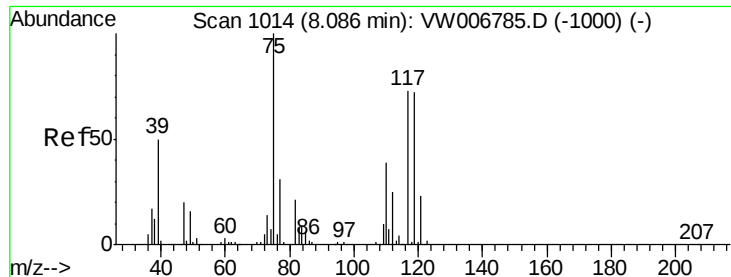


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

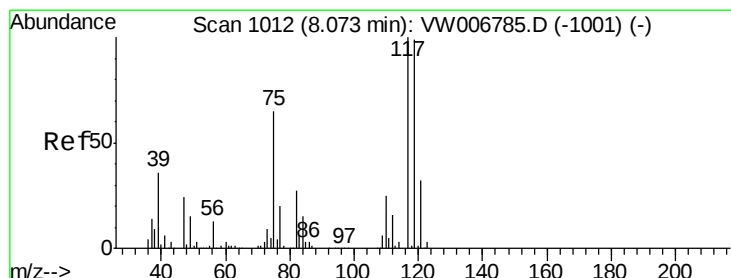
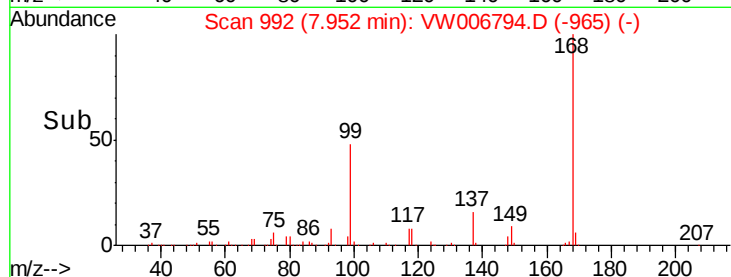
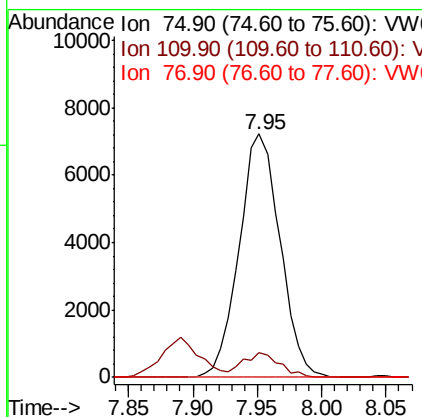
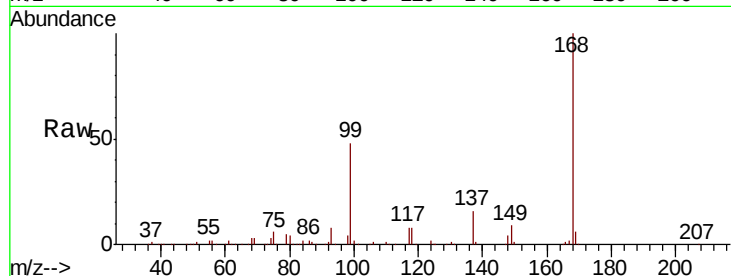




#36
 1,1-Dichloropropene
 Concen: 4.968 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006794.D
 Acq: 09 Nov 2018 18:58

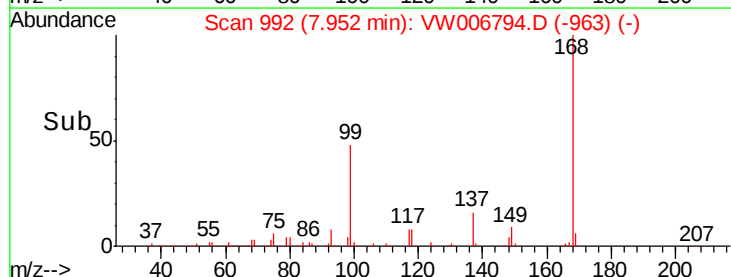
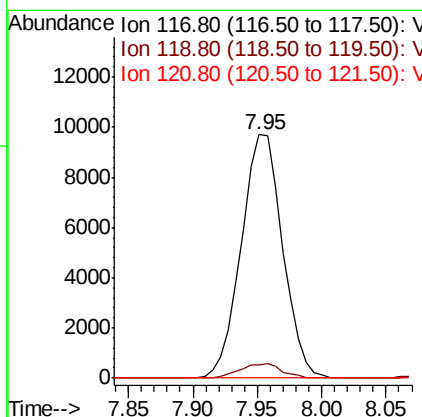
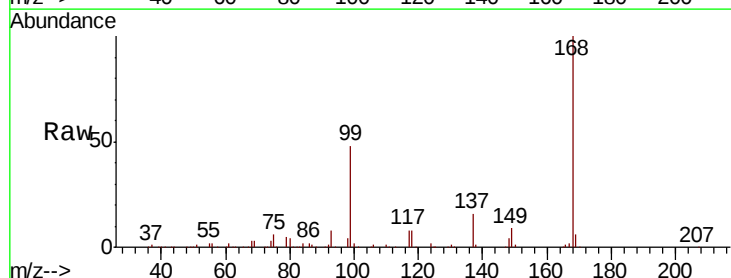
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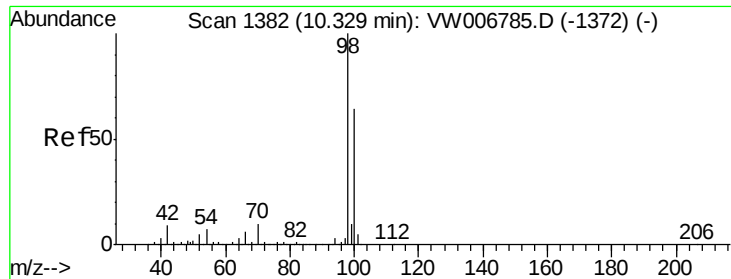
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.6	58.7#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.315 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006794.D
 Acq: 09 Nov 2018 18:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.9	118.3#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 55.062 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

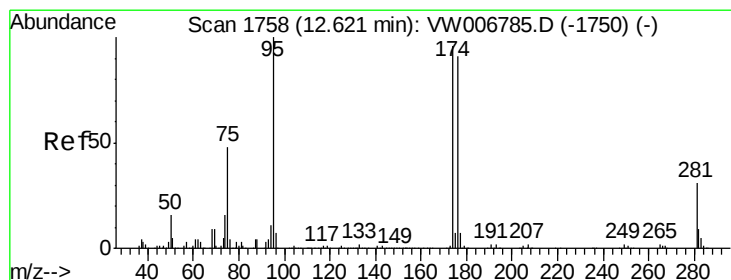
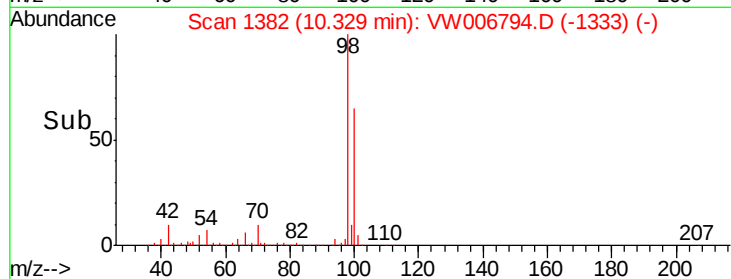
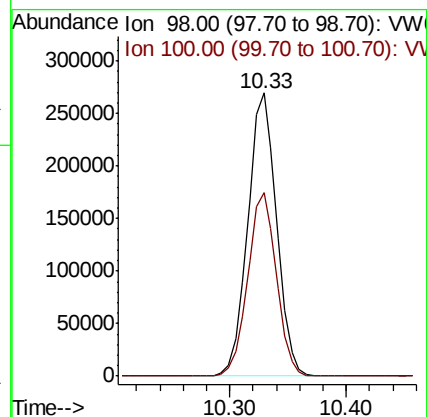
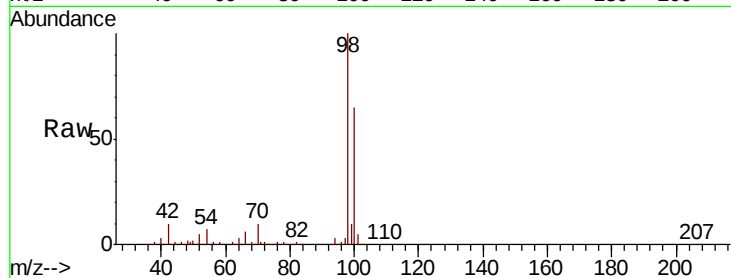
EP2-SB-101(13-15)

Tot Ion: 98 Resp: 464445

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 52.662 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

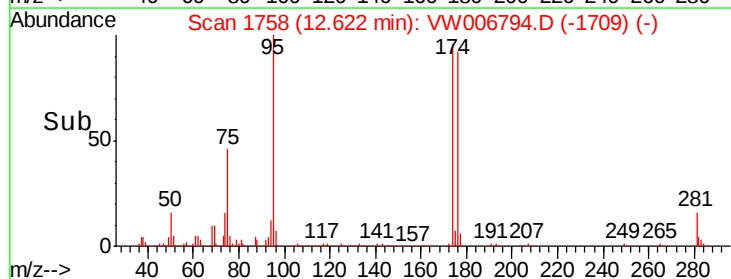
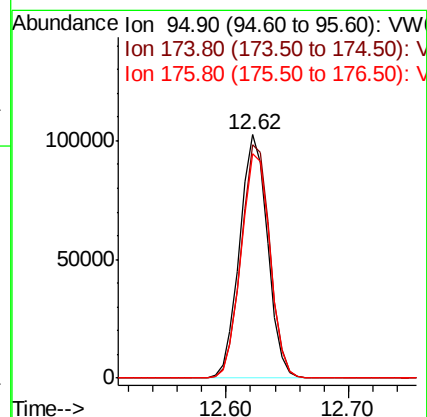
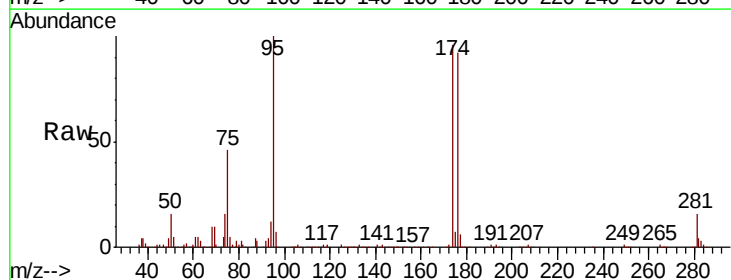
Tgt Ion: 95 Resp: 161777

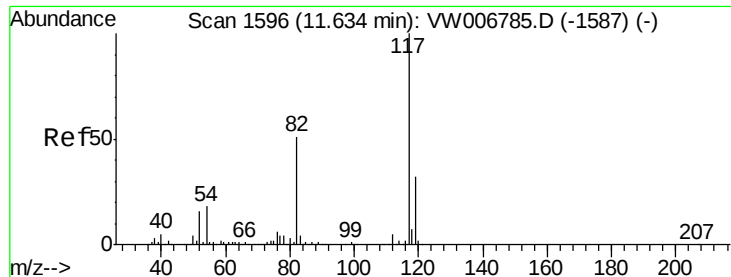
Ion Ratio Lower Upper

95 100

174 98.4 0.0 196.2

176 95.4 0.0 190.8

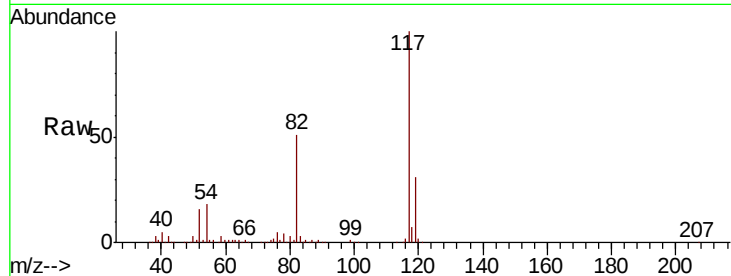




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006794.D
Acq: 09 Nov 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-101(13-15)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.9	61.3
119	31.1	25.8	38.8

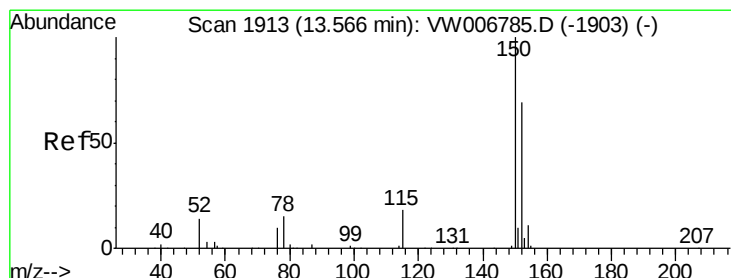
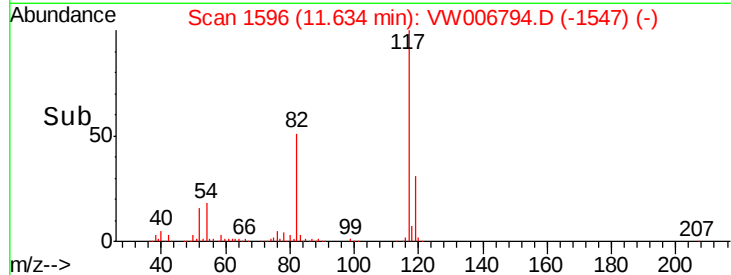
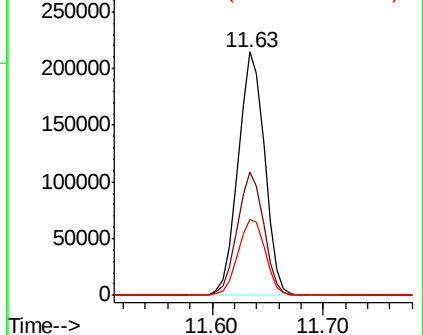


Abundance

Ion 116.90 (116.60 to 117.60): V

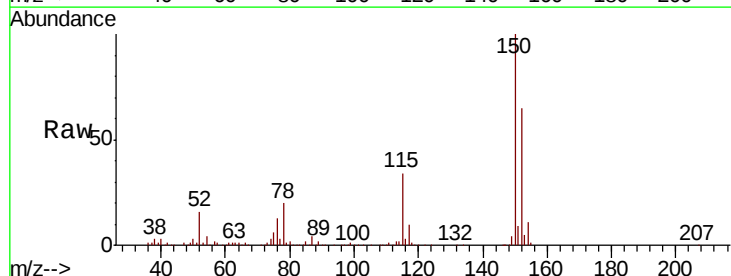
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006794.D
Acq: 09 Nov 2018 18:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.7	80.0
150	156.1	0.0	348.0

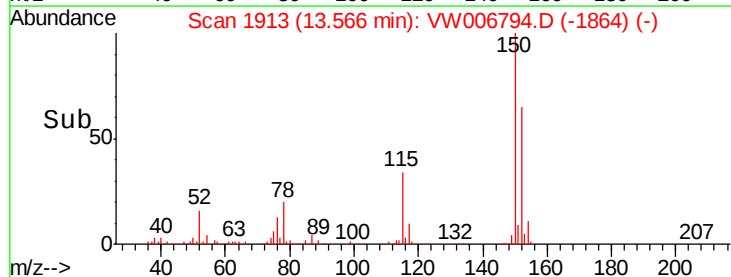
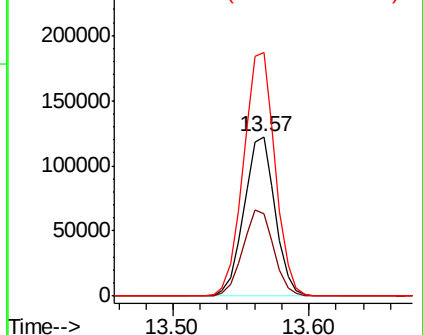


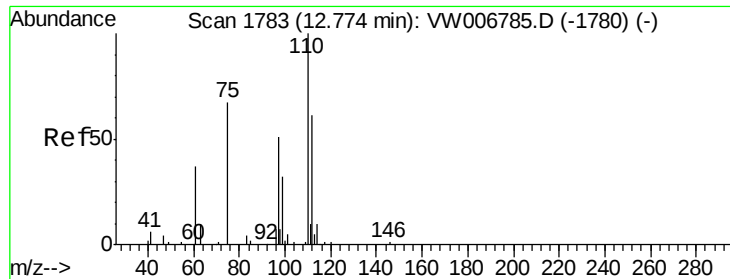
Abundance

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: 55.017 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

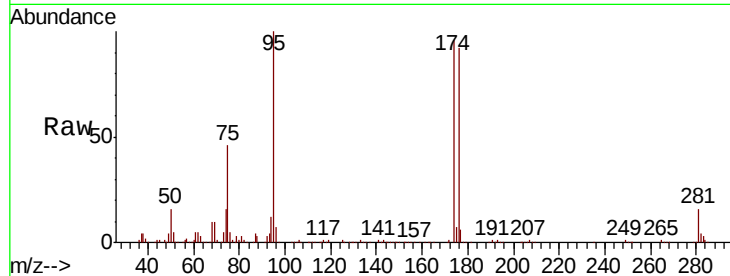
EP2-SB-101(13-15)

Tot Ion: 75 Resp: 77957

Ion Ratio Lower Upper

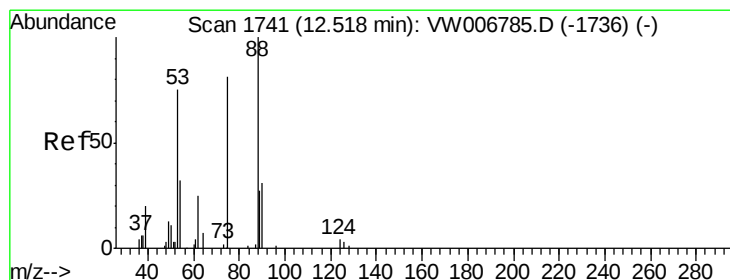
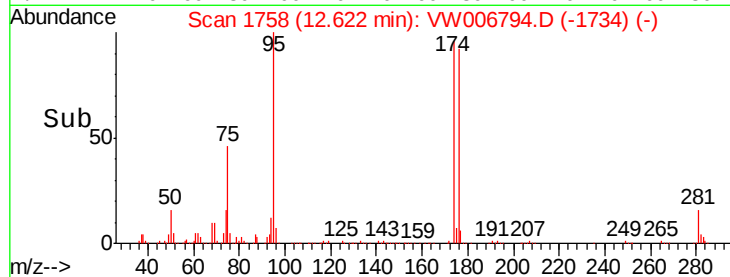
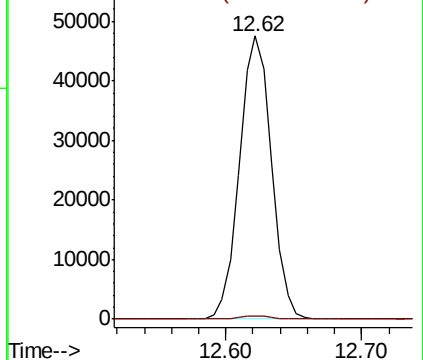
75 100

77 1.4 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: 146.278 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006794.D

Acq: 09 Nov 2018 18:58

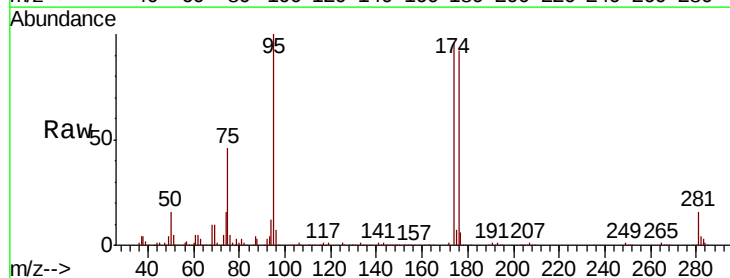
Tgt Ion: 75 Resp: 77957

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

