

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111218\
 Data File : VW006842.D
 Acq On : 13 Nov 2018 08:16
 Operator : SY/AP
 Sample : J5860-18
 Misc : 5.23G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 13 10:59:56 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

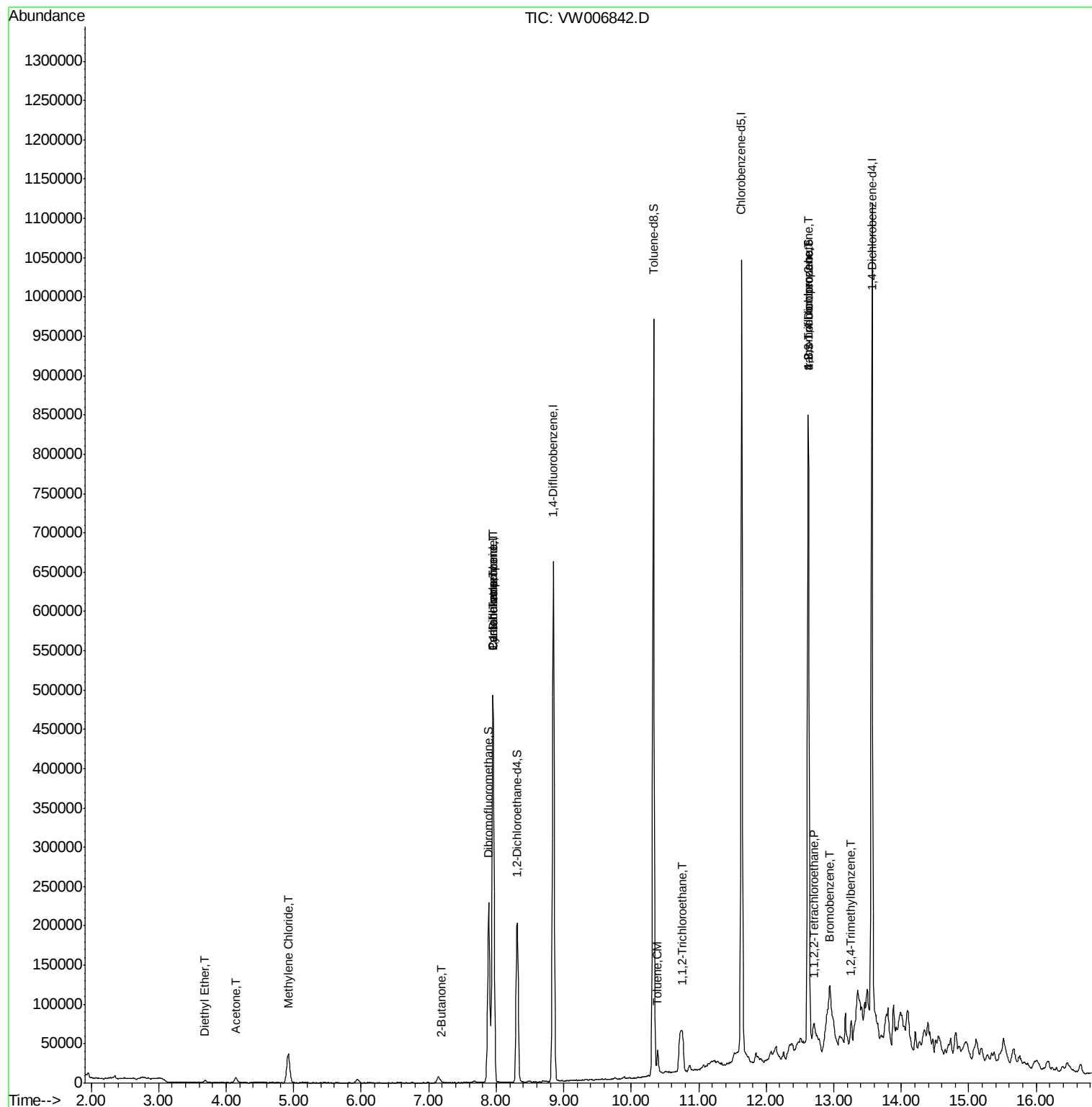
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	419792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	617961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	607552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	317547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161782	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	162821	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
50) Toluene-d8	10.33	98	677245	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
62) 4-Bromofluorobenzene	12.62	95	248597	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1636	1.007	ug/l	97
16) Acetone	4.14	43	12272	27.845	ug/l	99
20) Methylene Chloride	4.92	84	32729	3.302	ug/l	97
25) 2-Butanone	7.20	43	1077	1.445	ug/l	91
31) Cyclohexane	7.95	56	6242	1.062	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	24441	4.226	ug/l #	47
38) Carbon Tetrachloride	7.95	117	35580	5.661	ug/l #	15
52) Toluene	10.39	92	13206	1.158	ug/l	96
55) 1,1,2-Trichloroethane	10.75	97	3848	1.243	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.70	83	4862	1.595	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	115587	50.509	ug/l #	100
77) Bromobenzene	12.93	156	82841	14.907	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	115587	124.938	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.26	105	20639	1.070	ug/l	99

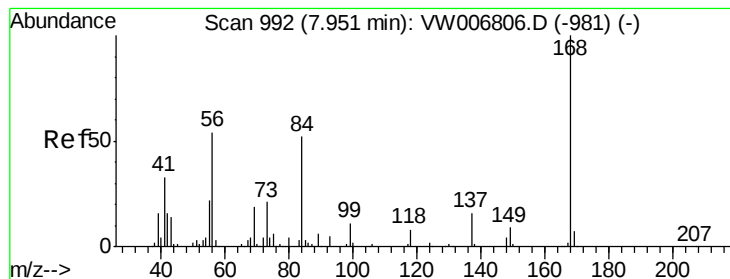
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

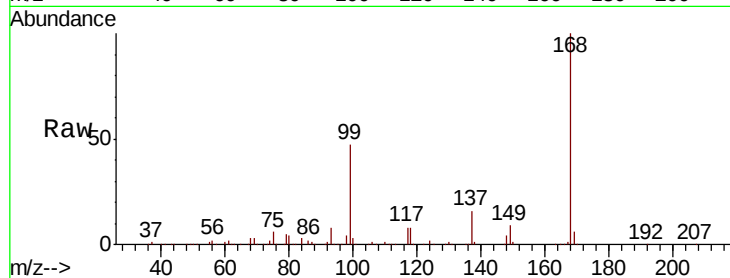
ClientSampleId :

Tot Ion:168 Resp: 419792

Ion Ratio Lower Upper

168 100

99 47.4 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

200000

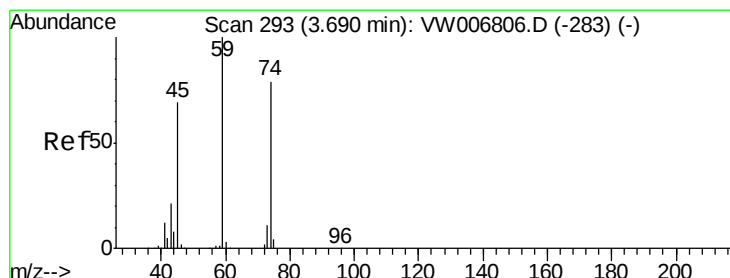
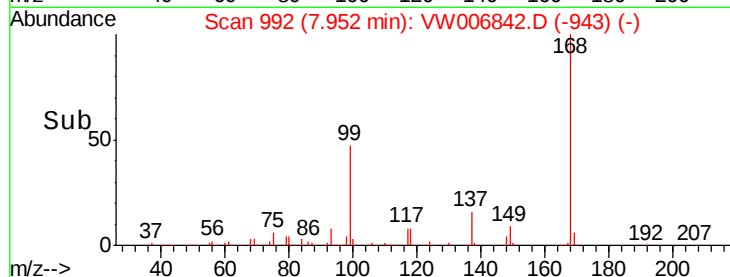
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.007 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW006842.D

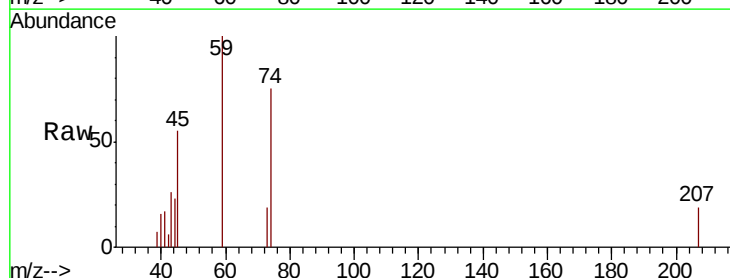
Acq: 13 Nov 2018 08:16

Tgt Ion: 74 Resp: 1636

Ion Ratio Lower Upper

74 100

45 88.7 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

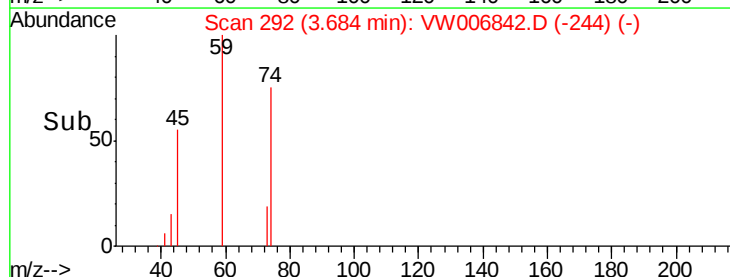
600

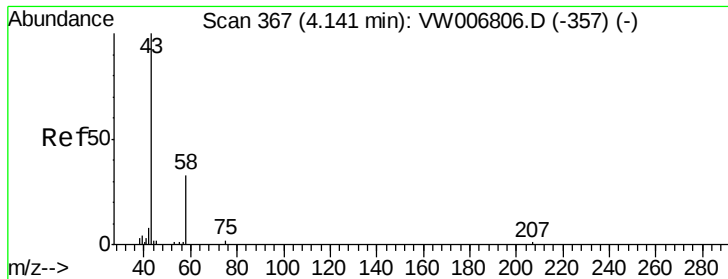
400

200

0

Time-->

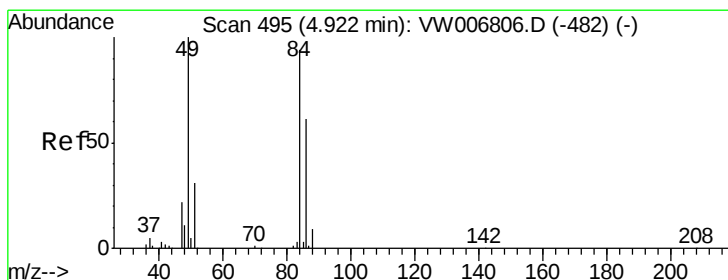
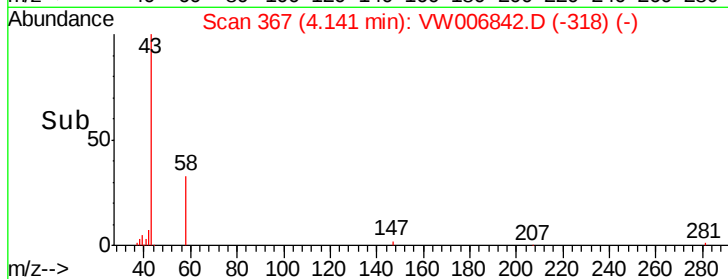
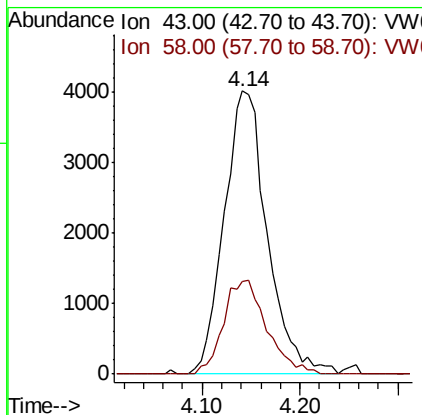
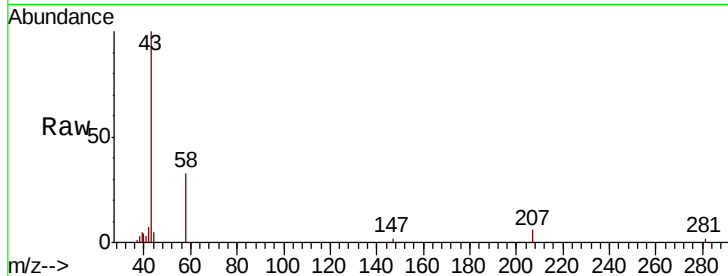




#16
Acetone
Concen: 27.845 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW006842.D
Acq: 13 Nov 2018 08:16

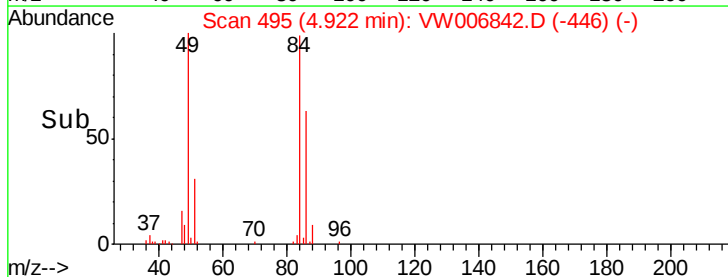
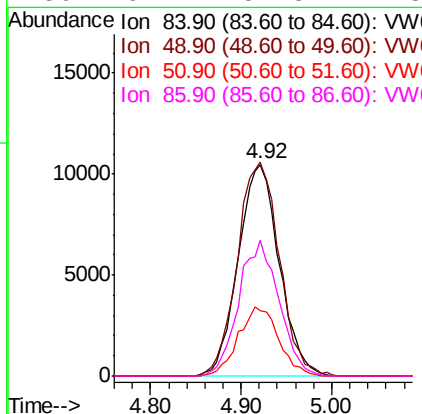
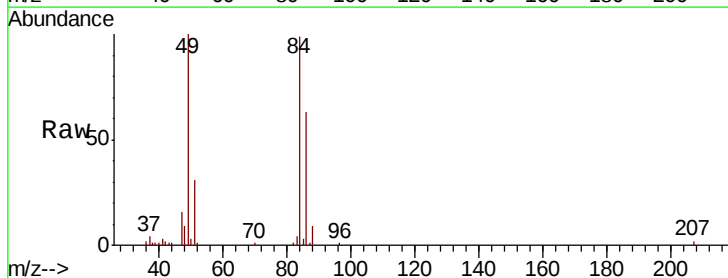
Instrument :
MSVOA_W
ClientSampleId :

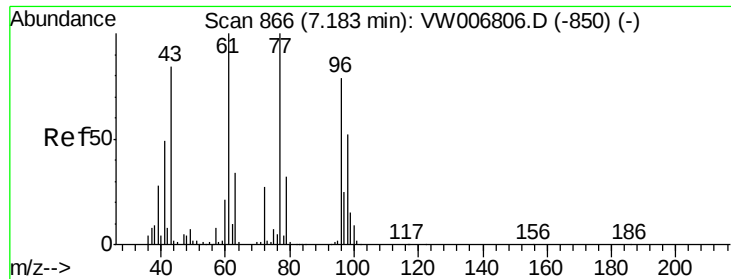
Tot Ion: 43 Resp: 12272
Ion Ratio Lower Upper
43 100
58 32.7 26.5 39.7



#20
Methylene Chloride
Concen: 3.302 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006842.D
Acq: 13 Nov 2018 08:16

Tgt Ion: 84 Resp: 32729
Ion Ratio Lower Upper
84 100
49 101.1 84.8 127.2
51 30.9 26.2 39.4
86 64.1 51.8 77.8





#25

2-Butanone

Concen: 1.445 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

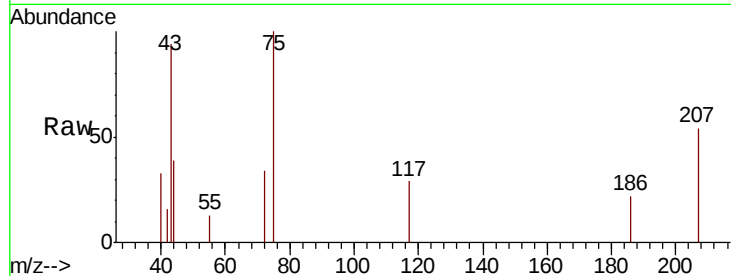
ClientSampleId :

Tot Ion: 43 Resp: 1077

Ion Ratio Lower Upper

43 100

72 36.4 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.20

400

300

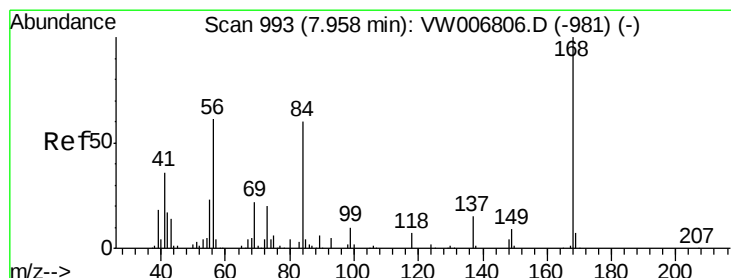
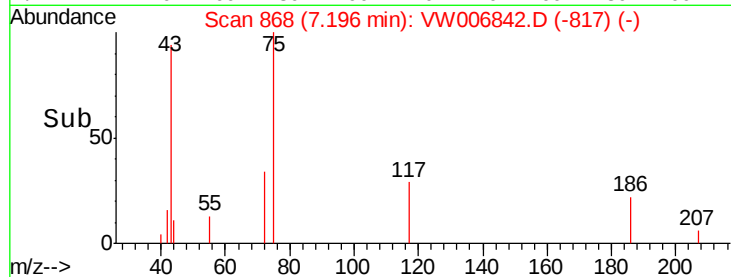
200

100

0

7.15 7.20 7.25

Time-->



#31

Cyclohexane

Concen: 1.062 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

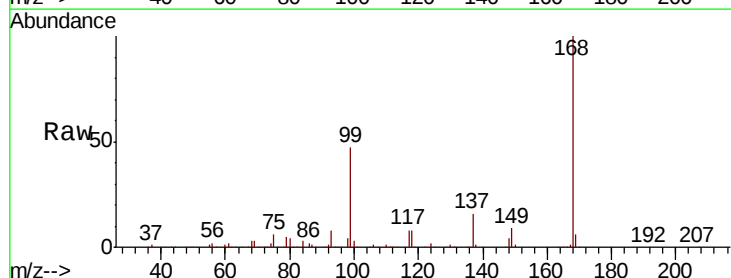
Tgt Ion: 56 Resp: 6242

Ion Ratio Lower Upper

56 100

69 168.6 28.9 43.3#

84 161.2 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

6000

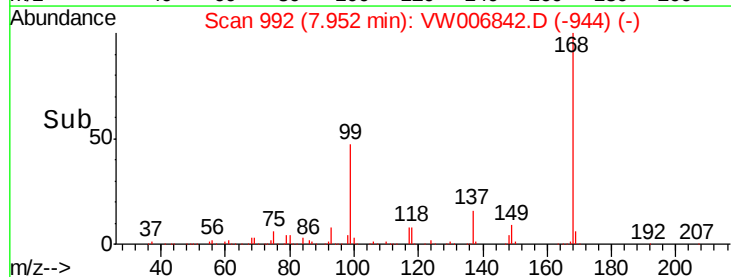
4000

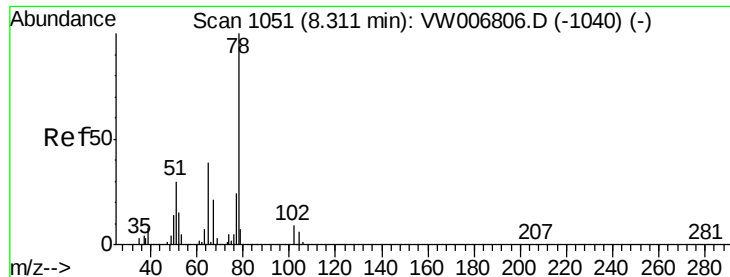
2000

0

7.85 7.90 7.95 8.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.718 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

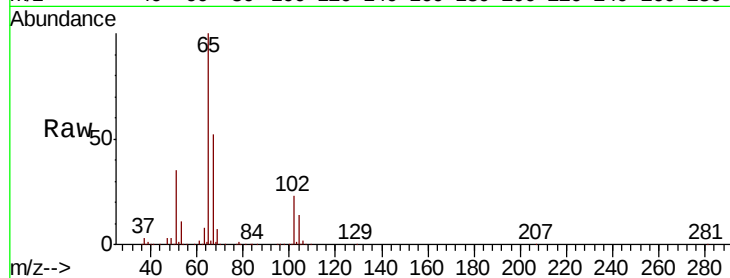
ClientSampleId :

Tot Ion: 65 Resp: 161782

Ion Ratio Lower Upper

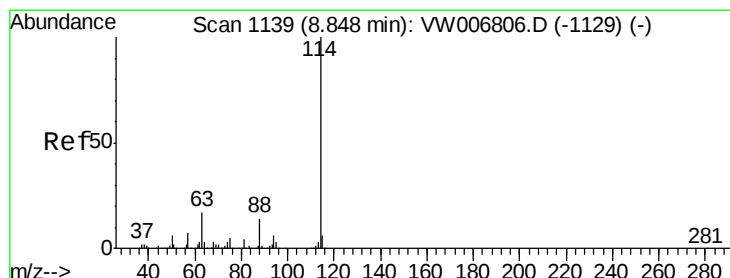
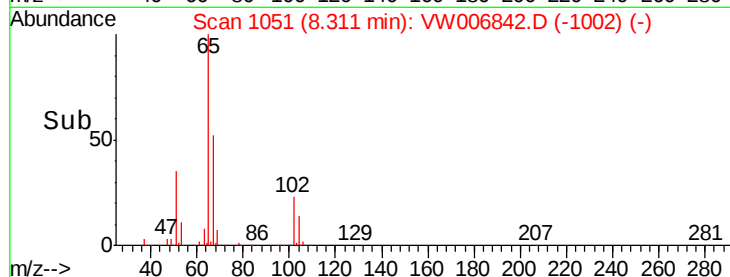
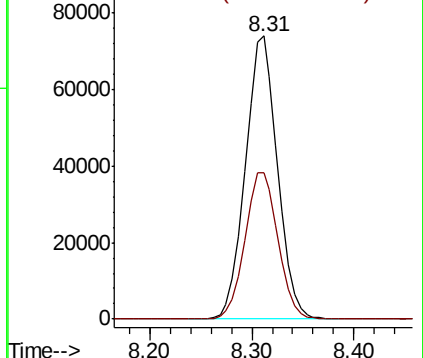
65 100

67 53.3 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: VW006842.D

Acq: 13 Nov 2018 08:16

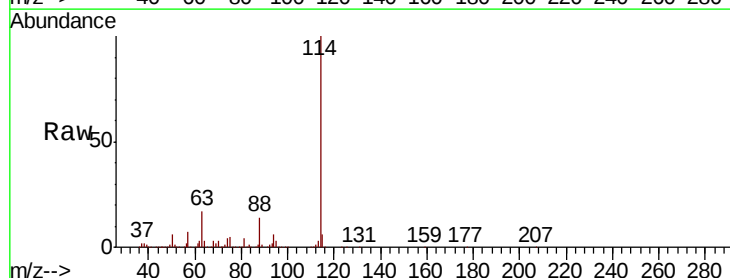
Tgt Ion: 114 Resp: 617961

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

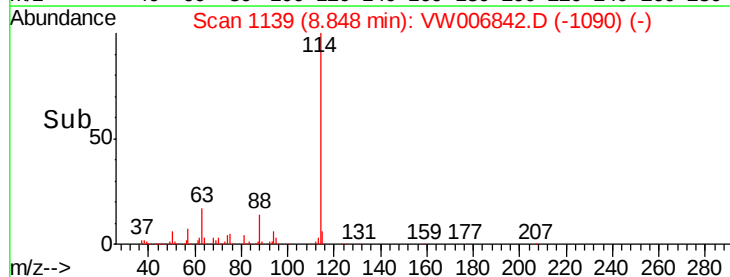
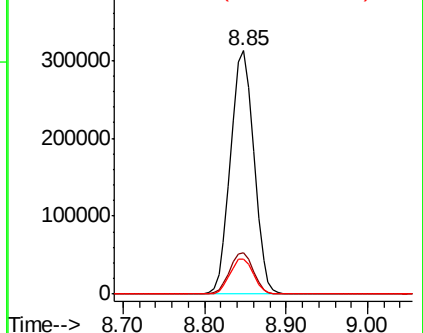
88 14.4 0.0 28.4

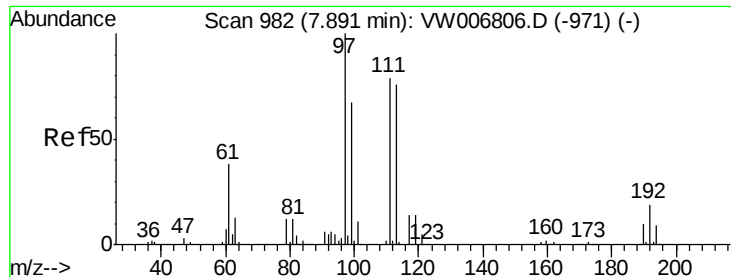


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

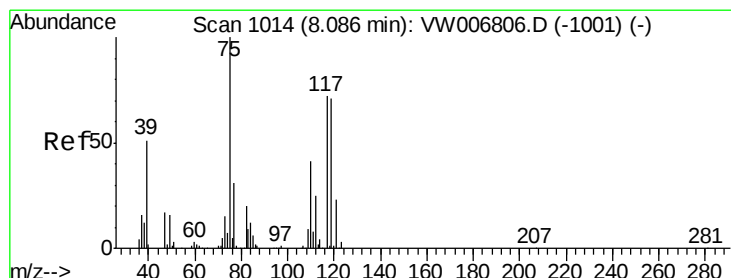
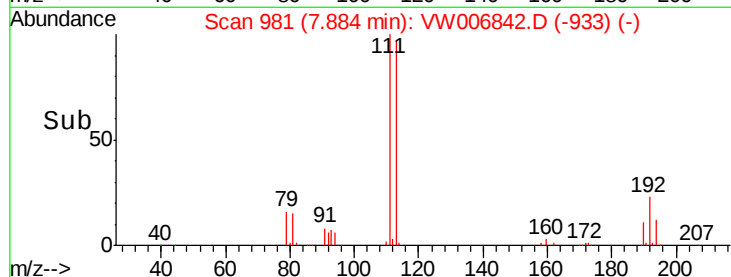
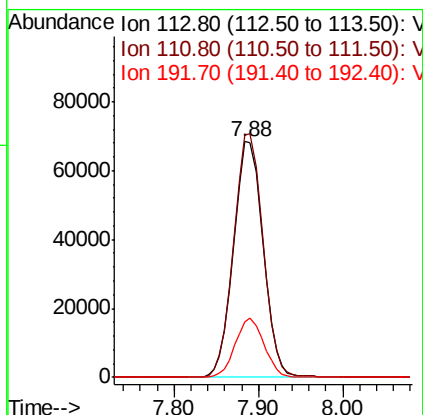
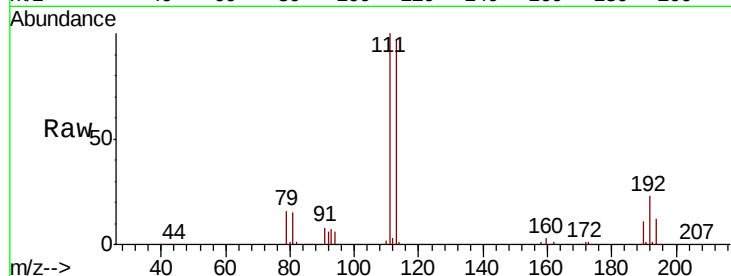




#35
 Dibromofluoromethane
 Concen: 44.247 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006842.D
 Acq: 13 Nov 2018 08:16

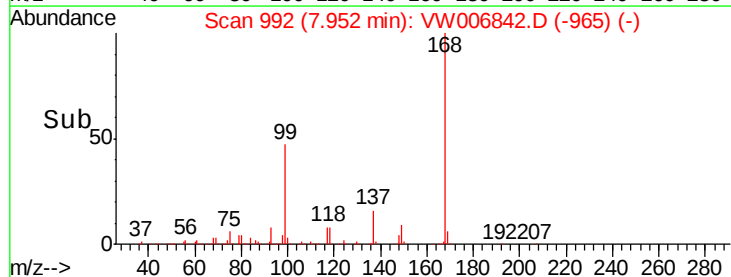
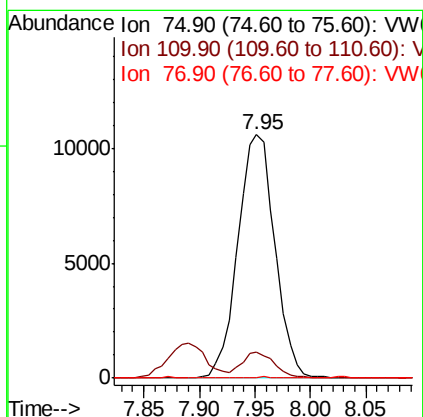
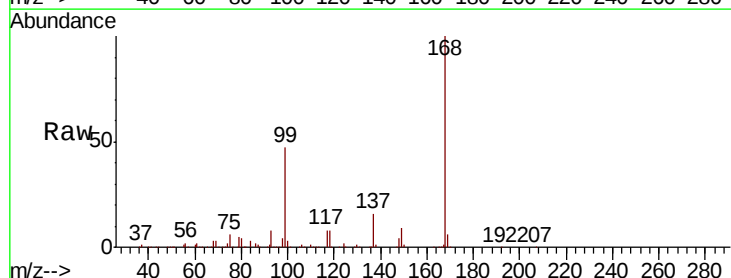
Instrument :
 MSVOA_W
 ClientSampleId :

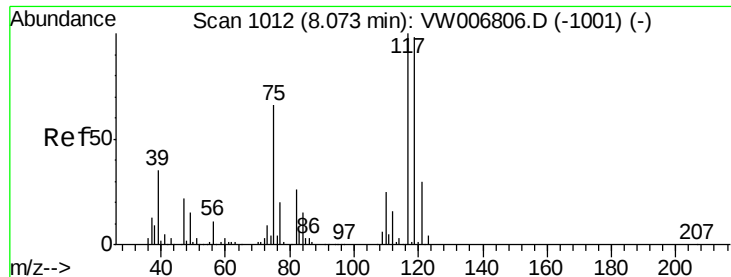
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.6
192	24.2	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 4.226 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006842.D
 Acq: 13 Nov 2018 08:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.9	59.6#
77	0.0	25.4	38.2#

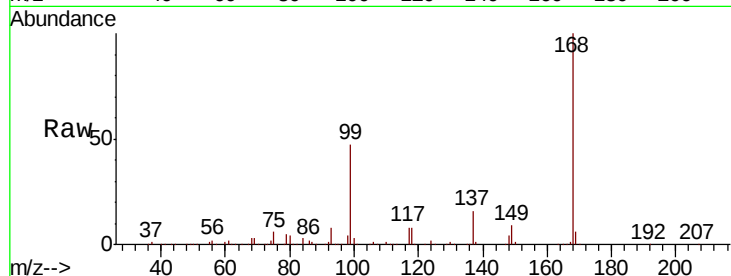




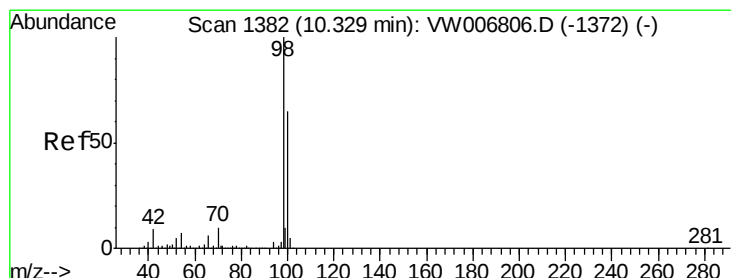
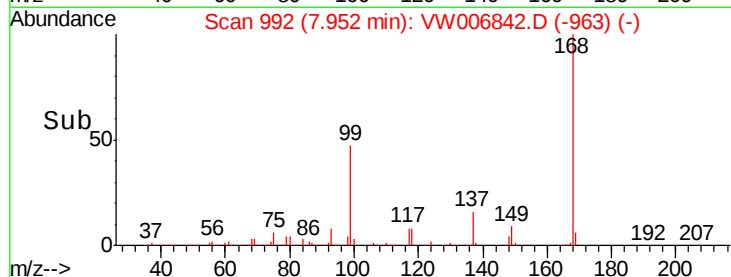
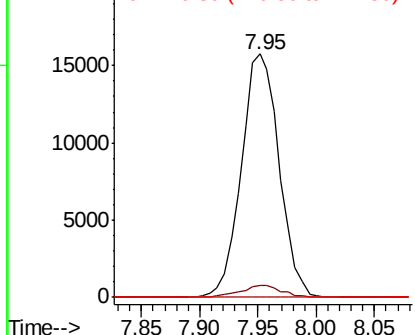
#38
Carbon Tetrachloride
Concen: 5.661 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006842.D
Acq: 13 Nov 2018 08:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 35580
Ion Ratio Lower Upper
117 100
119 5.0 78.5 117.7#
121 0.0 24.2 36.2#

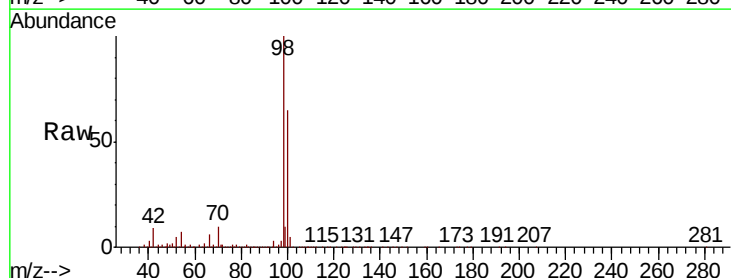


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

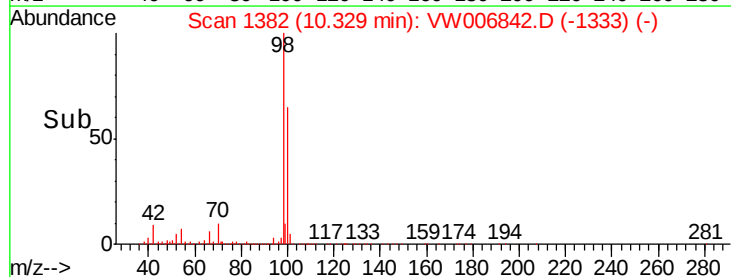
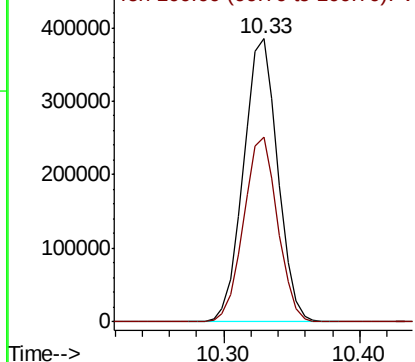


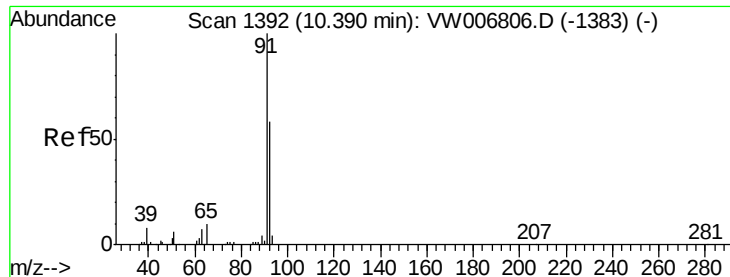
#50
Toluene-d8
Concen: 44.403 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006842.D
Acq: 13 Nov 2018 08:16

Tgt Ion: 98 Resp: 677245
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2



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





#52

Toluene

Concen: 1.158 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

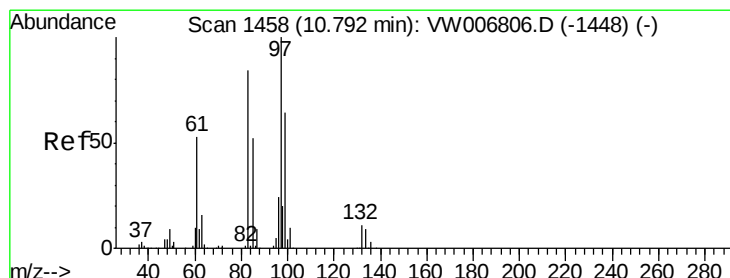
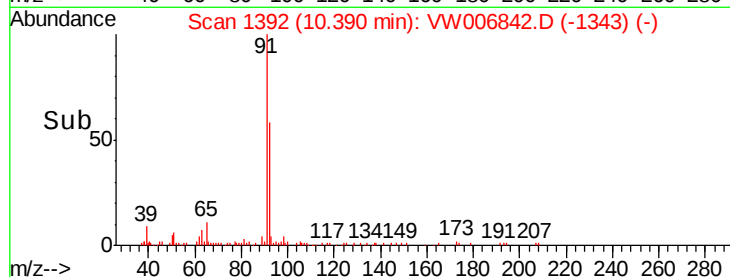
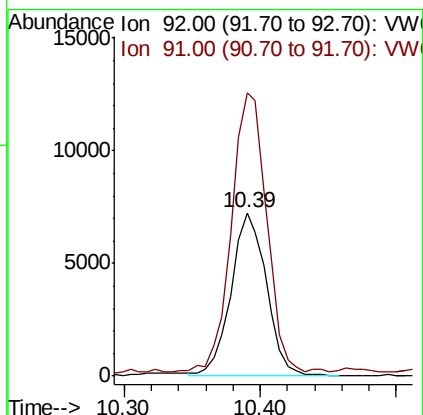
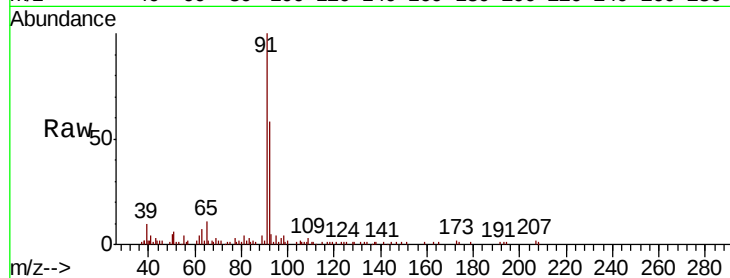
ClientSampleId :

Tot Ion: 92 Resp: 13206

Ion Ratio Lower Upper

92 100

91 169.3 139.4 209.2



#55

1,1,2-Trichloroethane

Concen: 1.243 ug/l

RT: 10.75 min Scan# 1451

Delta R.T. -0.04 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Tgt Ion: 97 Resp: 3848

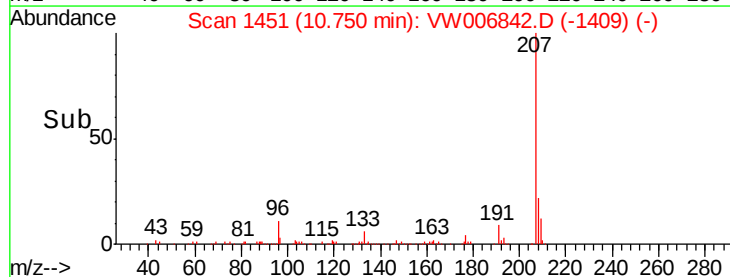
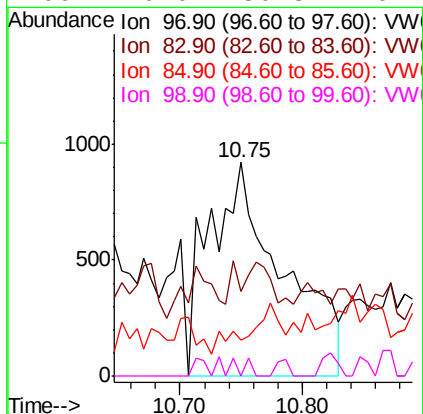
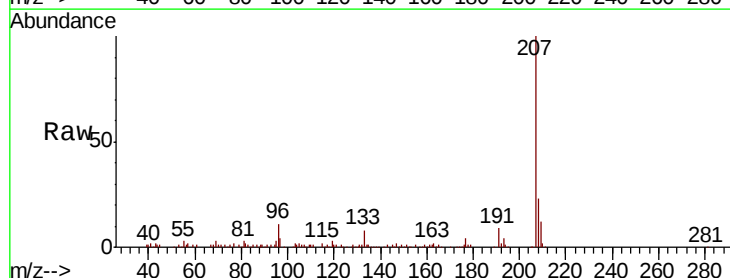
Ion Ratio Lower Upper

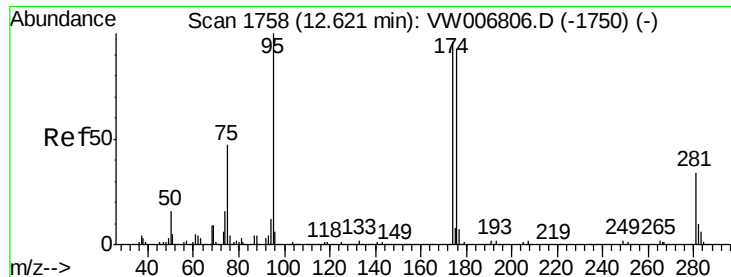
97 100

83 5.5 67.0 100.4#

85 0.0 41.7 62.5#

99 0.0 50.8 76.2#

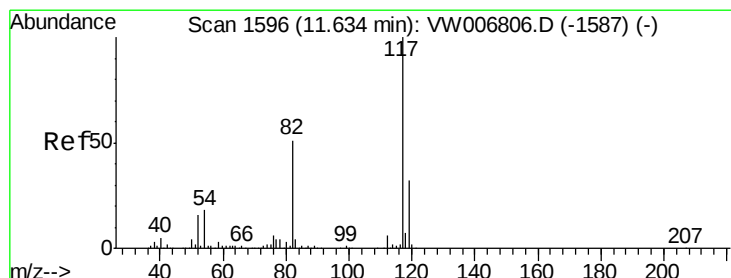
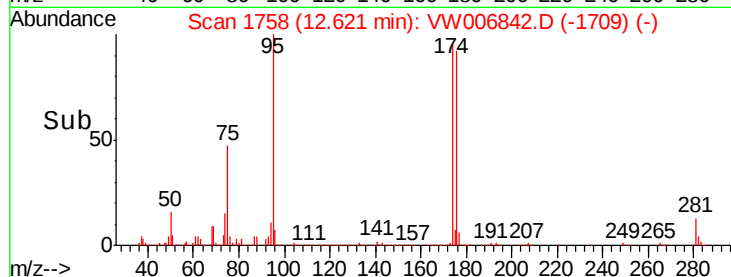
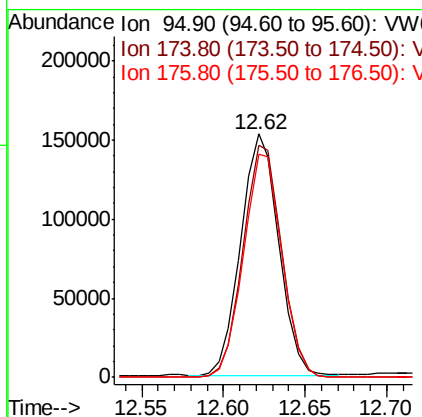
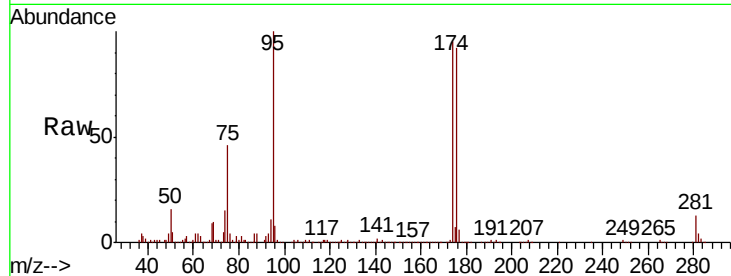




#62
4-Bromofluorobenzene
Concen: 44.254 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006842.D
Acq: 13 Nov 2018 08:16

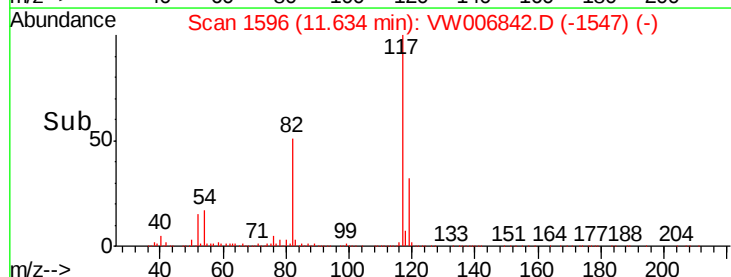
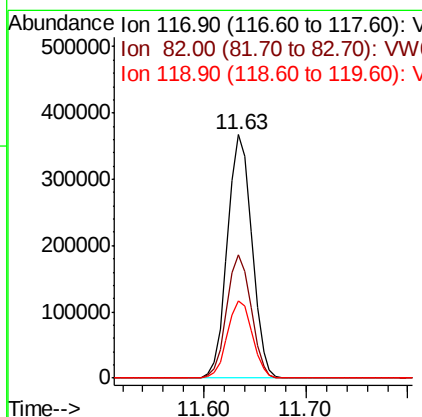
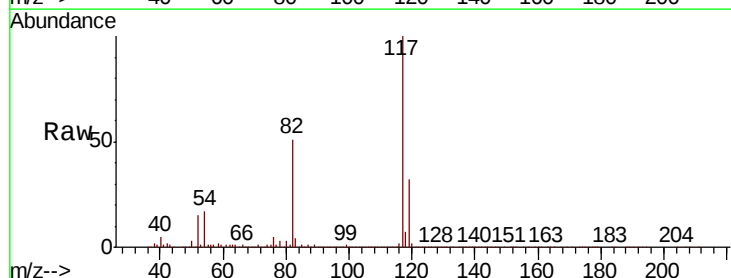
Instrument :
MSVOA_W
ClientSampleId :

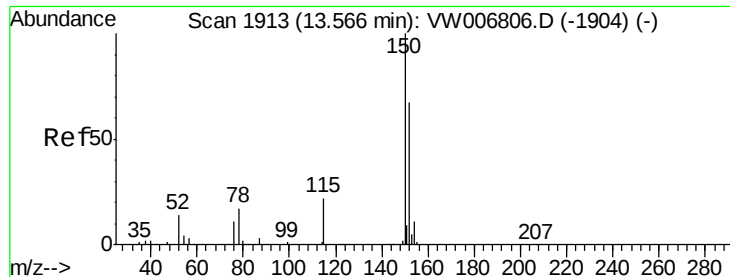
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	196.6
176	93.3	0.0	191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006842.D
Acq: 13 Nov 2018 08:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.6	61.0
119	31.7	25.5	38.3

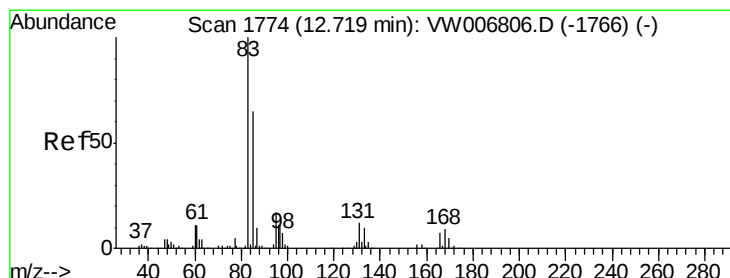
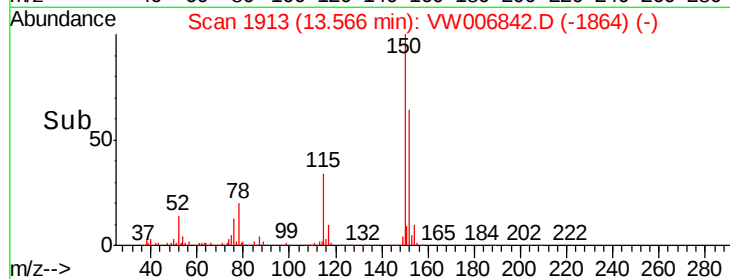
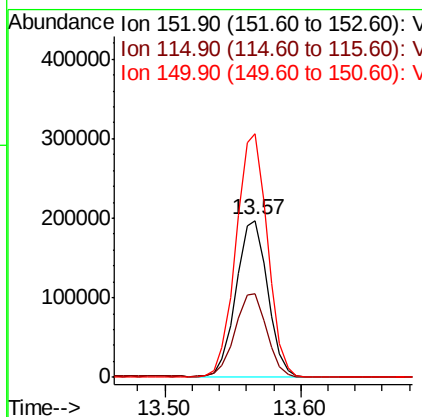
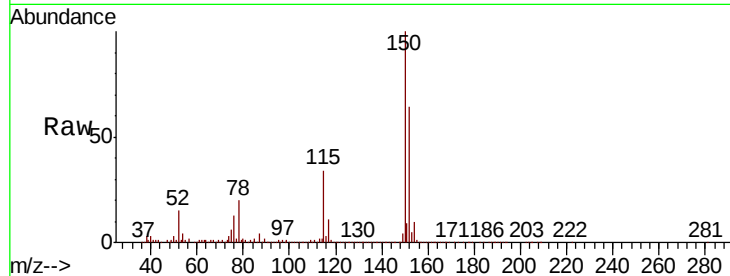




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006842.D
 Acq: 13 Nov 2018 08:16

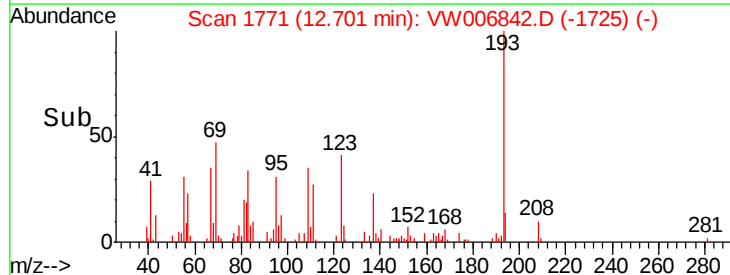
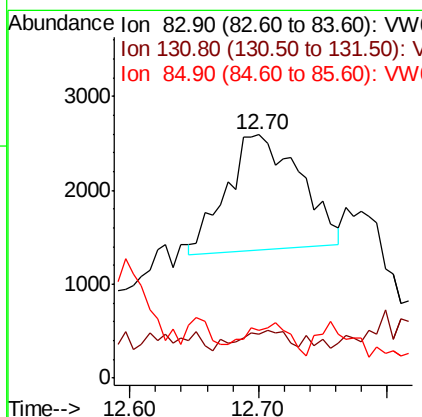
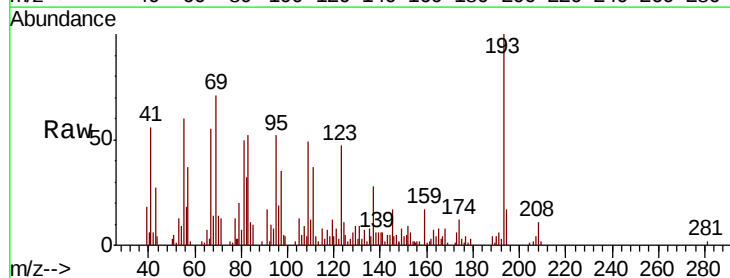
Instrument :
 MSVOA_W
 ClientSampleId :

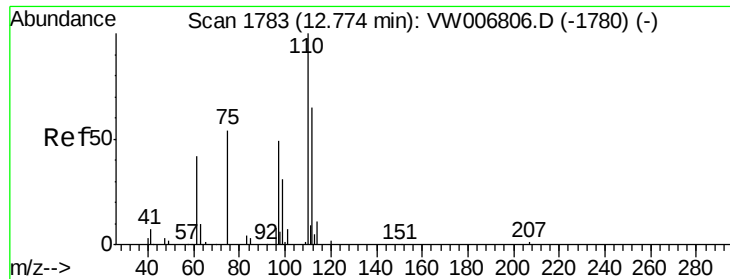
Tot Ion:152 Resp: 317547
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.3 81.8
 150 155.2 0.0 353.0



#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.595 ug/l
 RT: 12.70 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: VW006842.D
 Acq: 13 Nov 2018 08:16

Tgt Ion: 83 Resp: 4862
 Ion Ratio Lower Upper
 83 100
 131 11.5 6.1 18.3
 85 16.2 32.4 97.0#

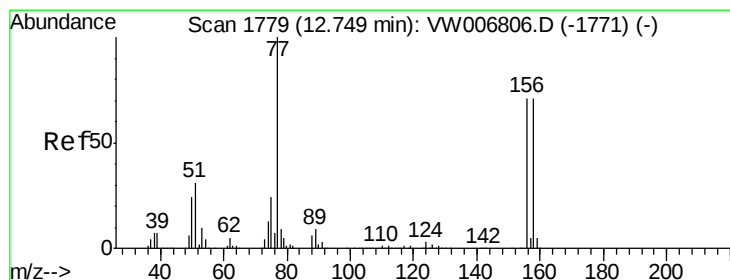
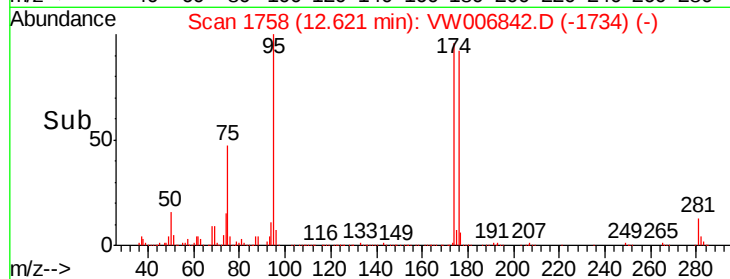
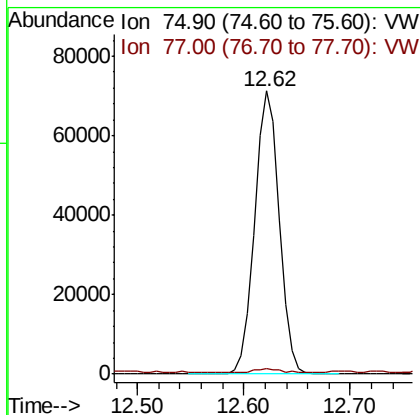
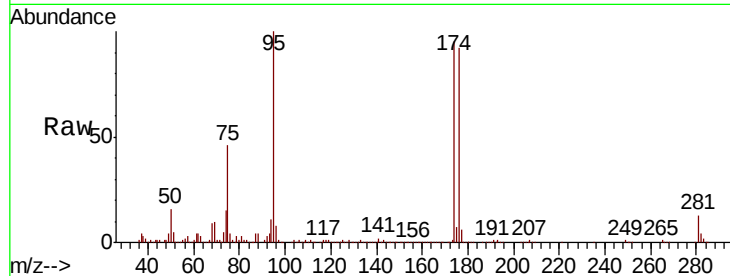




#76
 1,2,3-Trichloropropane
 Concen: 50.509 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006842.D
 Acq: 13 Nov 2018 08:16

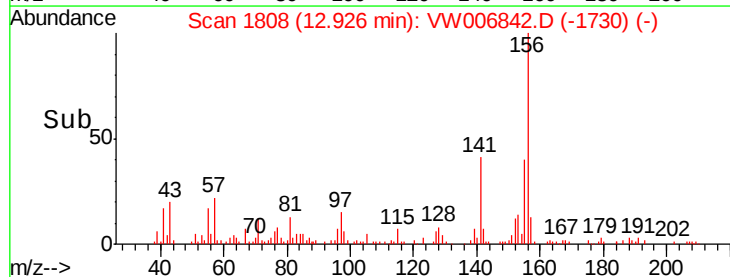
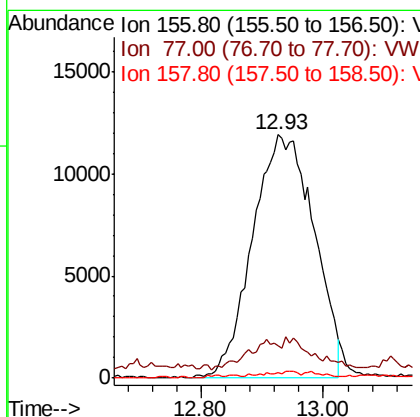
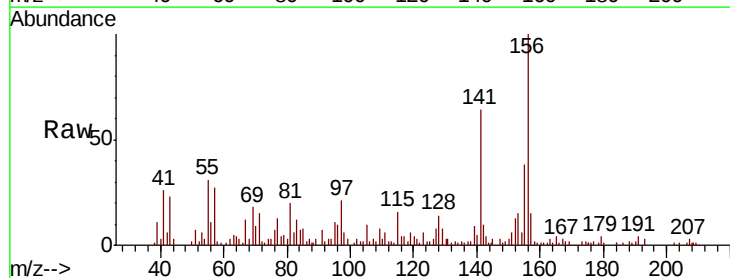
Instrument :
 MSVOA_W
 ClientSampleId :

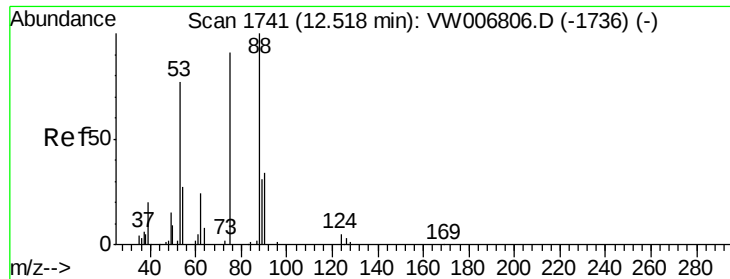
Tot Ion: 75 Resp: 115587
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 14.907 ug/l
 RT: 12.93 min Scan# 1808
 Delta R.T. 0.18 min
 Lab File: VW006842.D
 Acq: 13 Nov 2018 08:16

Tgt Ion: 156 Resp: 82841
 Ion Ratio Lower Upper
 156 100
 77 5.1 75.3 225.7#
 158 0.3 49.2 147.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 124.938 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

ClientSampleId :

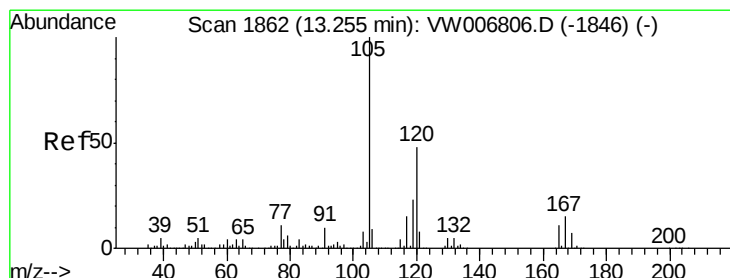
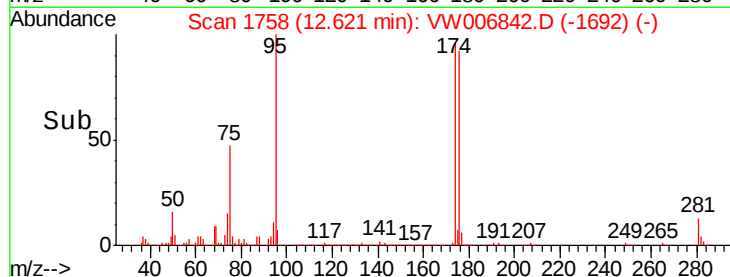
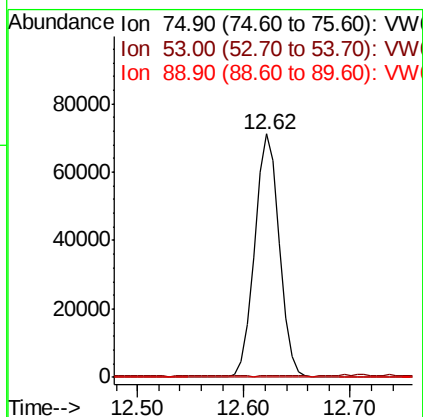
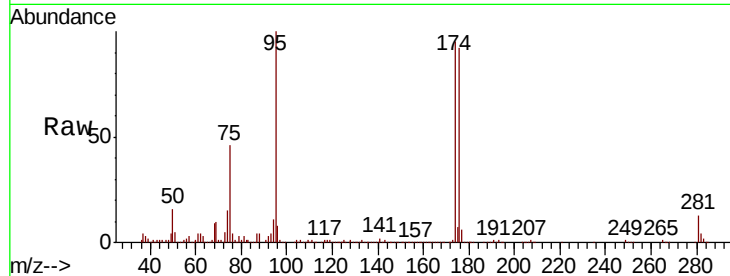
Tot Ion: 75 Resp: 115587

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.3 38.7 58.1#



#84

1,2,4-Trimethylbenzene

Concen: 1.070 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Tgt Ion: 105 Resp: 20639

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.0

