

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006851.D
 Acq On : 13 Nov 2018 13:55
 Operator : SY/AP
 Sample : J5887-11RE
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 13 15:24:29 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	7.96	168	111730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	152750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51741	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37073	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	7.89	113	39313	43.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.44%	
50) Toluene-d8	10.33	98	145156	38.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.00%	
62) 4-Bromofluorobenzene	12.62	95	43167	31.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.18%	

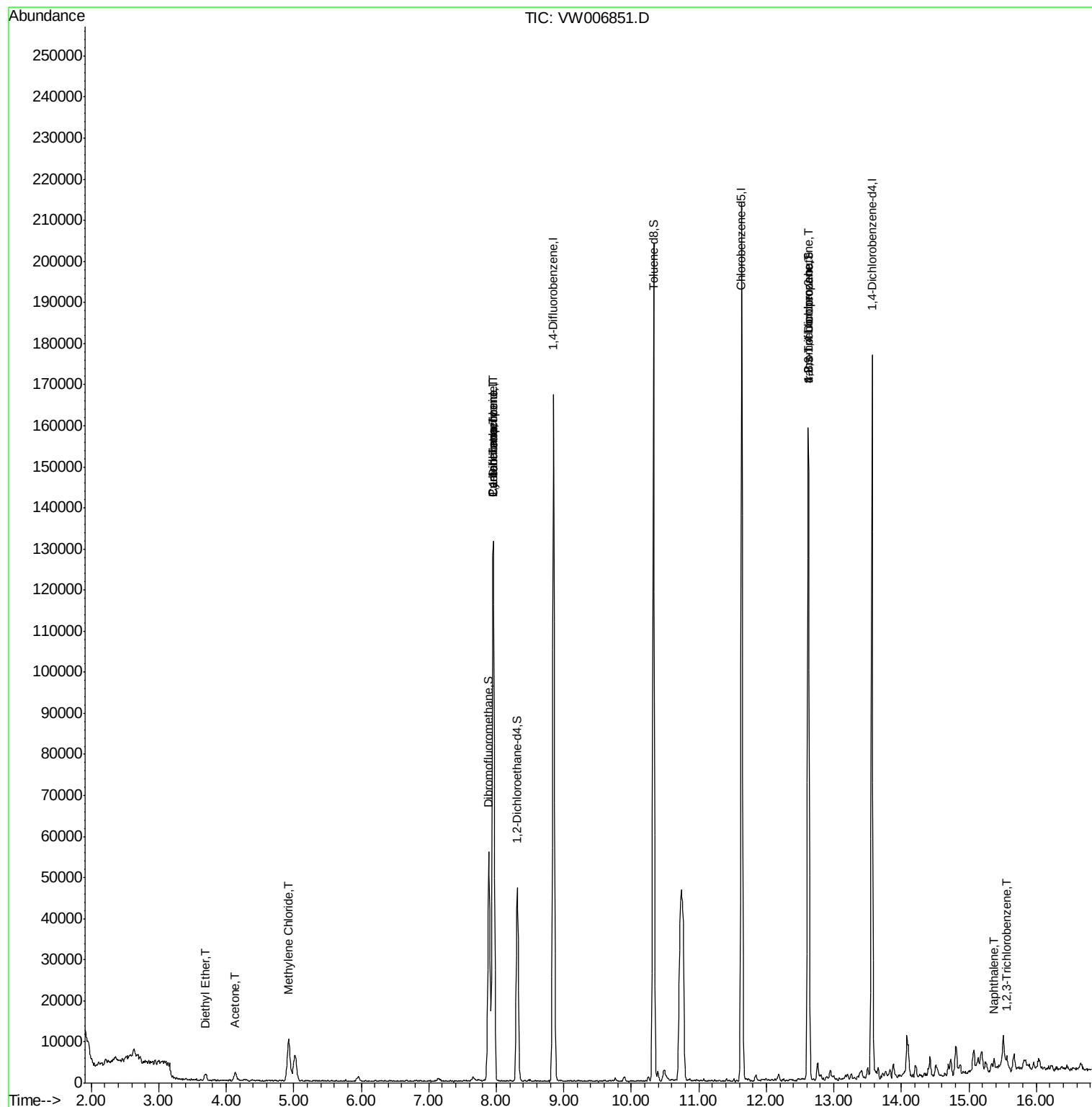
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	835	1.931	ug/l	56
16) Acetone	4.13	43	3814	32.515	ug/l	94
20) Methylene Chloride	4.93	84	8127	2.692	ug/l #	83
31) Cyclohexane	7.96	56	1704	1.089	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	6539	4.574	ug/l #	48
38) Carbon Tetrachloride	7.96	117	9632	6.200	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	19894	53.353	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19894	131.971	ug/l #	13
95) Naphthalene	15.38	128	2927	1.613	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.57	180	1112	1.068	ug/l #	78

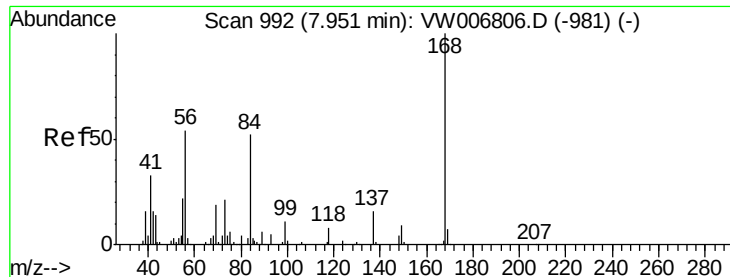
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006851.D
Acq On : 13 Nov 2018 13:55
Operator : SY/AP
Sample : J5887-11RE
Misc : 4.39G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 13 15:24:29 2018
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: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006851.D

Acq: 13 Nov 2018 13:55

Instrument :

MSVOA_W

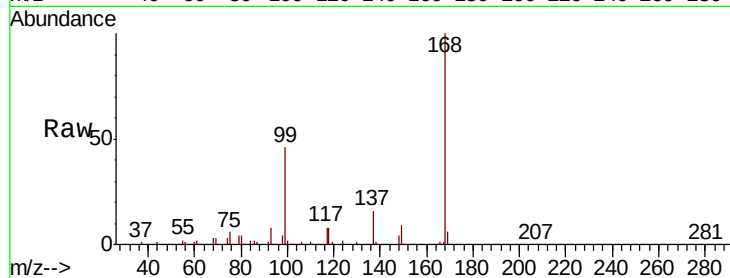
ClientSampleId :

Tot Ion:168 Resp: 111730

Ion Ratio Lower Upper

168 100

99 45.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

60000

50000

40000

30000

20000

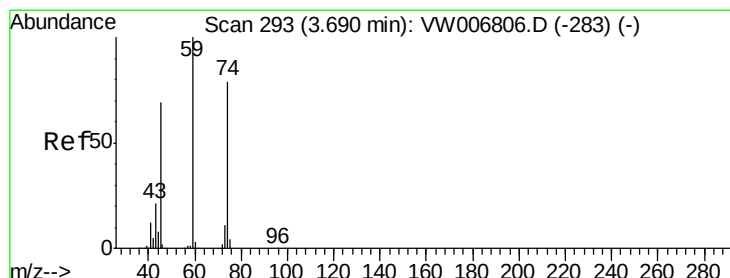
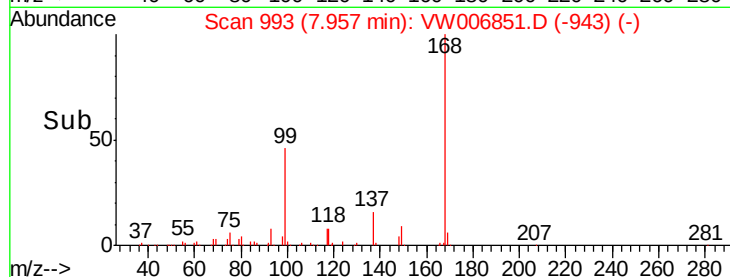
10000

0

Time-->

7.90

8.00



#8

Diethyl Ether

Concen: 1.931 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW006851.D

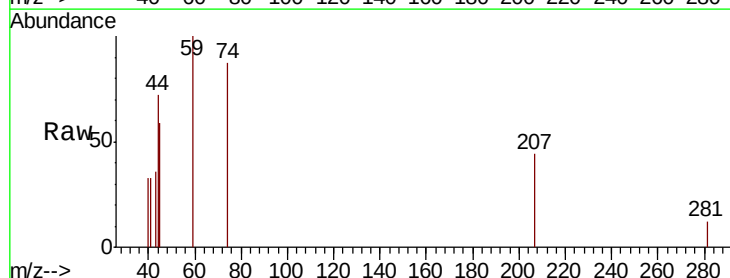
Acq: 13 Nov 2018 13:55

Tgt Ion: 74 Resp: 835

Ion Ratio Lower Upper

74 100

45 46.2 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

500

400

300

200

100

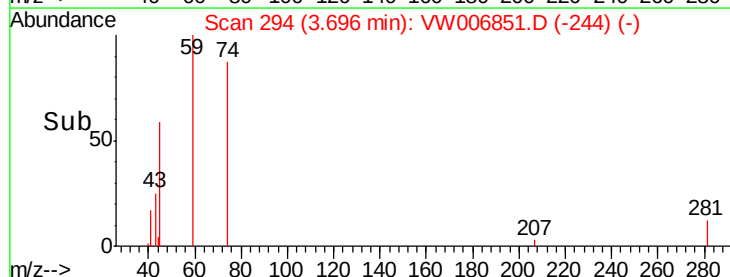
0

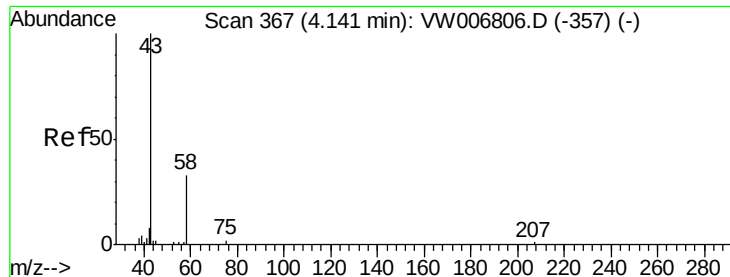
Time-->

3.65

3.70

3.75





#16

Acetone

Concen: 32.515 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006851.D

Acq: 13 Nov 2018 13:55

Instrument :

MSVOA_W

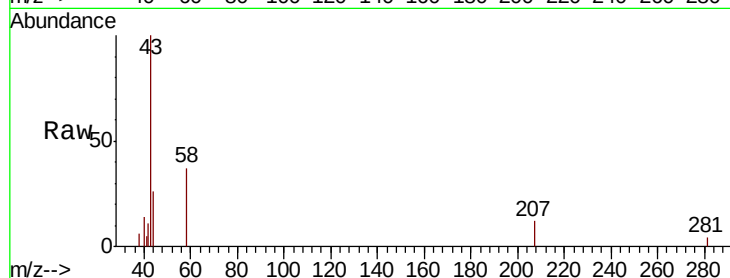
ClientSampleId :

Tot Ion: 43 Resp: 3814

Ion Ratio Lower Upper

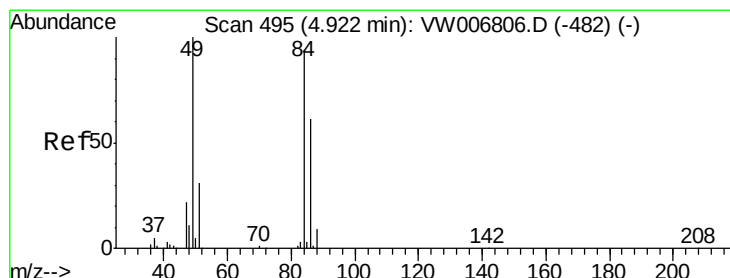
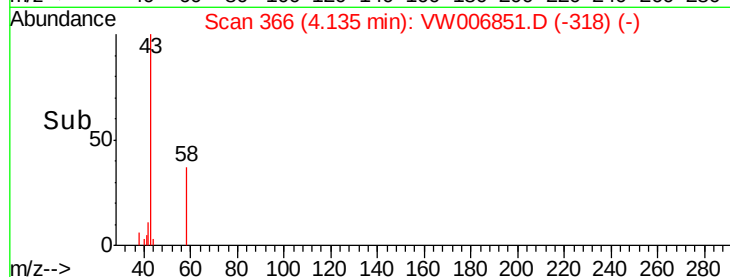
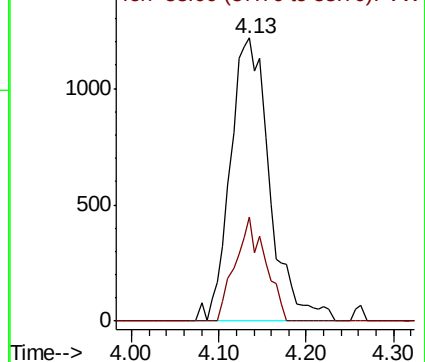
43 100

58 36.8 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.692 ug/l

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW006851.D

Acq: 13 Nov 2018 13:55

Tgt Ion: 84 Resp: 8127

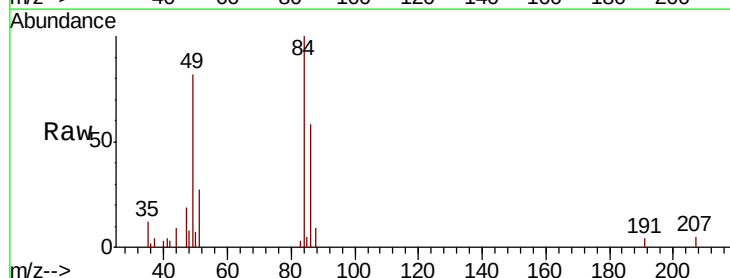
Ion Ratio Lower Upper

84 100

49 81.8 84.8 127.2#

51 27.0 26.2 39.4

86 57.6 51.8 77.8

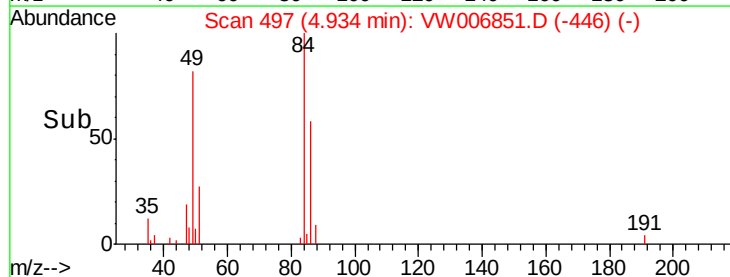
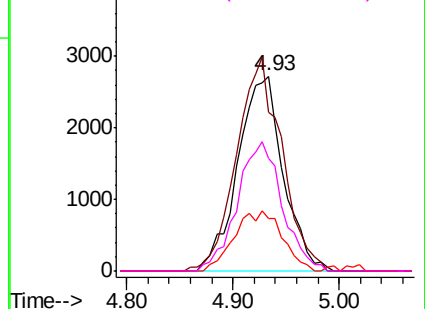


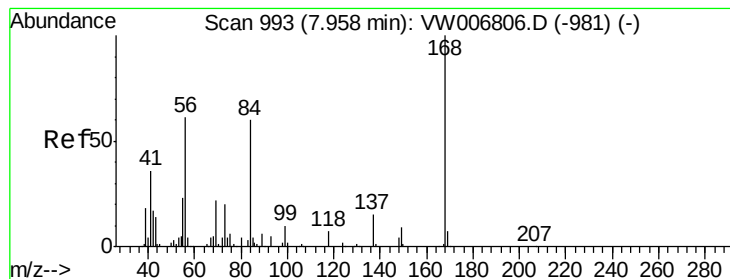
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#31

Cyclohexane

Concen: 1.089 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006851.D

Acq: 13 Nov 2018 13:55

Instrument :

MSVOA_W

ClientSampled :

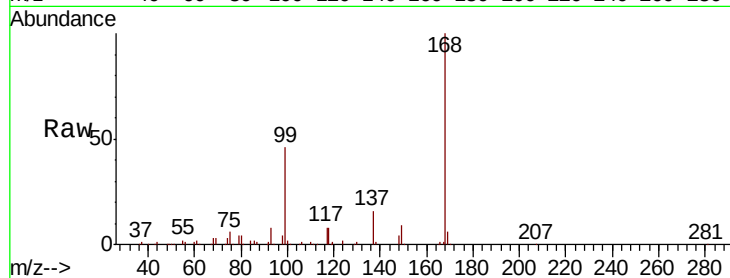
Tot Ion: 56 Resp: 1704

Ion Ratio Lower Upper

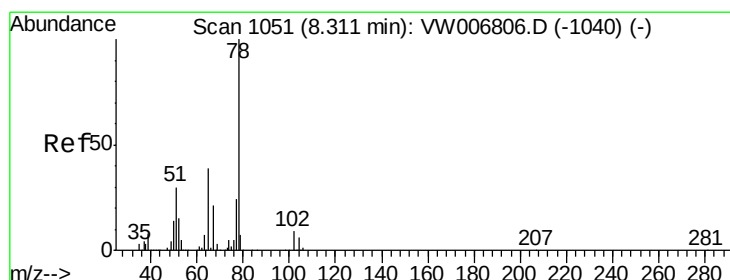
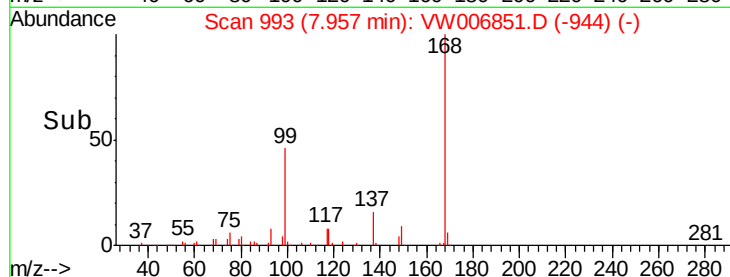
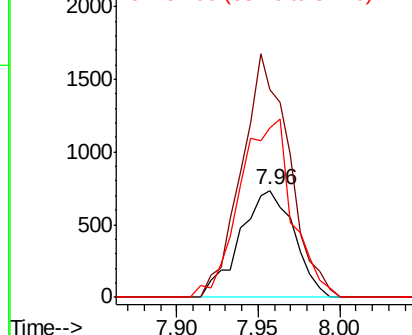
56 100

69 195.2 28.9 43.3#

84 158.9 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



#33

1,2-Dichloroethane-d4

Concen: 45.389 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006851.D

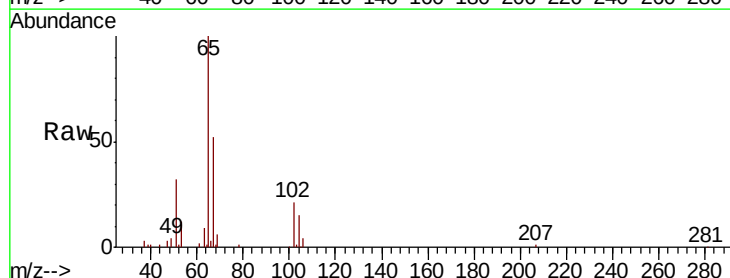
Acq: 13 Nov 2018 13:55

Tgt Ion: 65 Resp: 37073

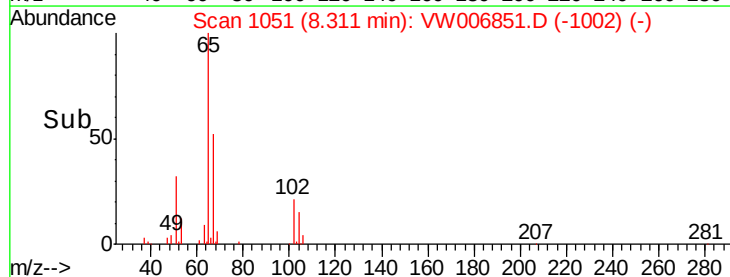
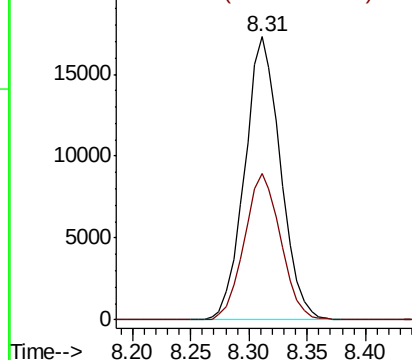
Ion Ratio Lower Upper

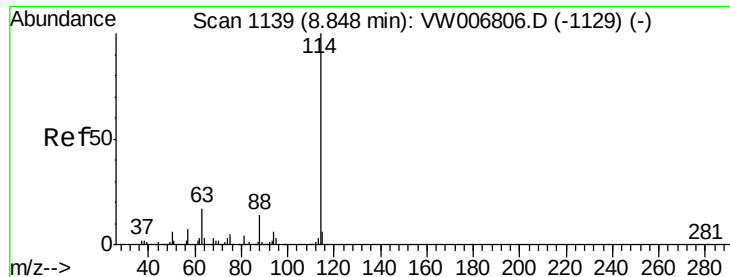
65 100

67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

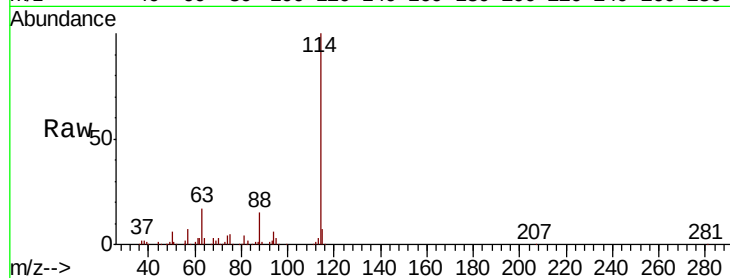




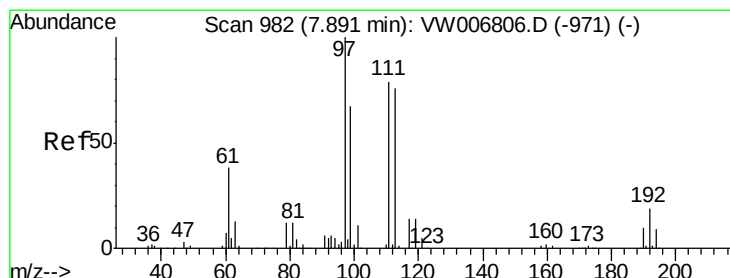
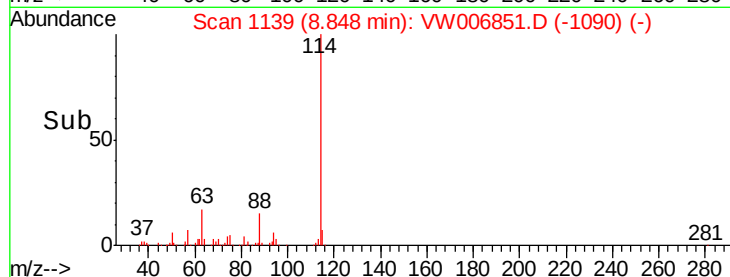
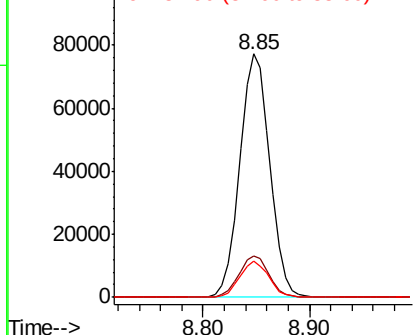
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006851.D
 Acq: 13 Nov 2018 13:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 152750
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.6
 88 15.1 0.0 28.4

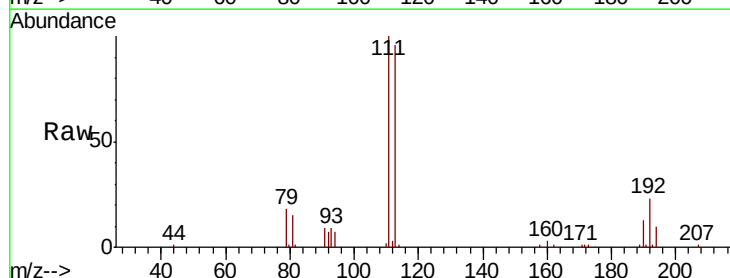


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

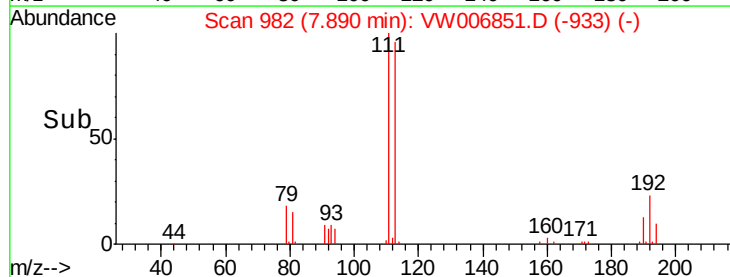
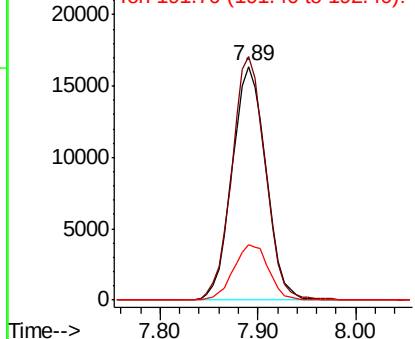


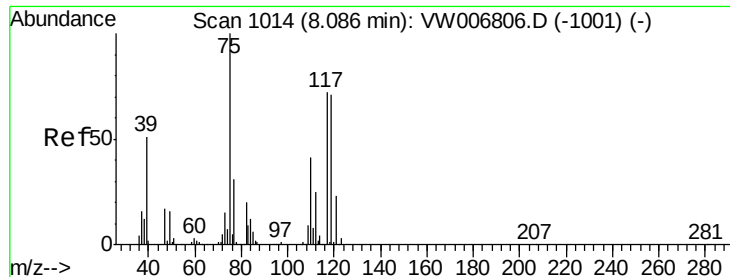
#35
 Dibromofluoromethane
 Concen: 43.221 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006851.D
 Acq: 13 Nov 2018 13:55

Tgt Ion:113 Resp: 39313
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 24.4 19.0 28.6



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

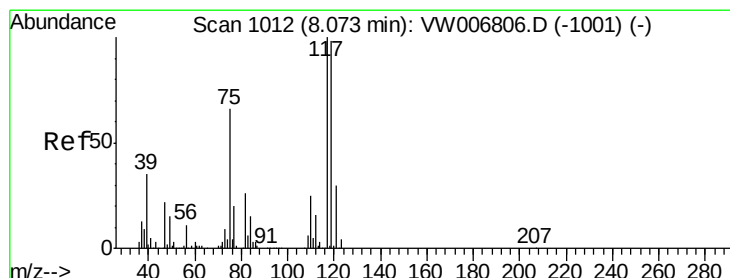
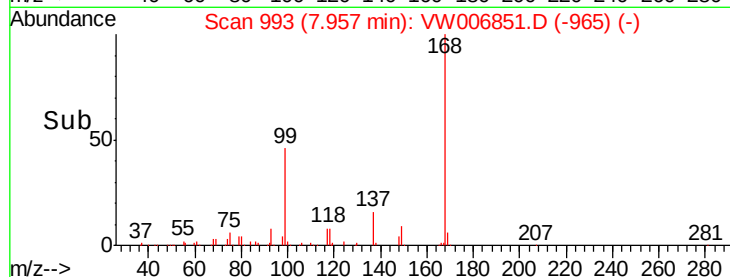
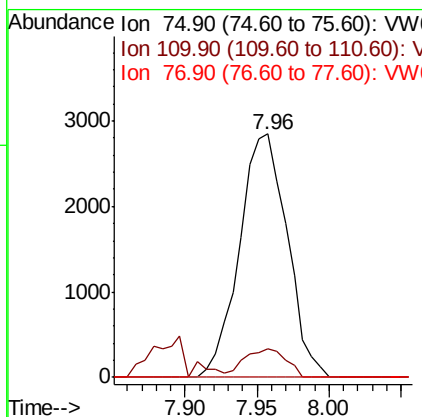
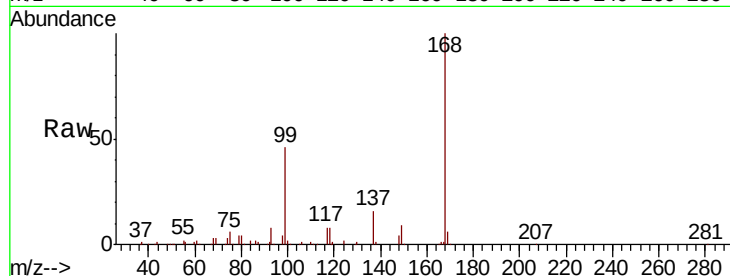




#36
 1,1-Dichloropropene
 Concen: 4.574 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW006851.D
 Acq: 13 Nov 2018 13:55

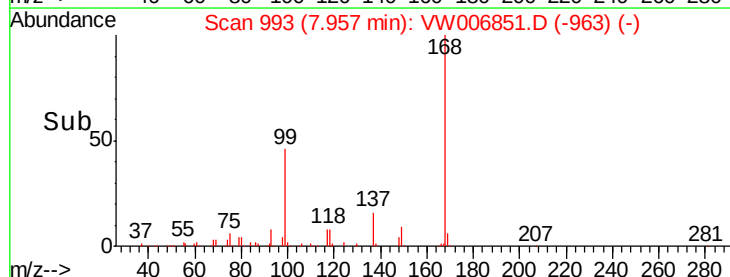
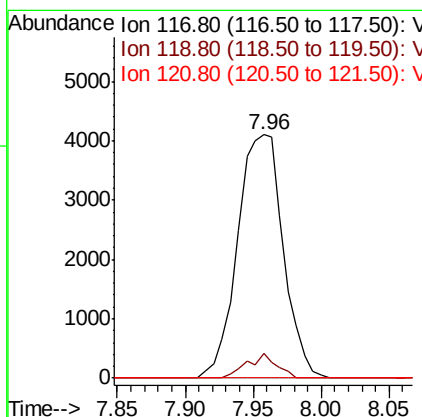
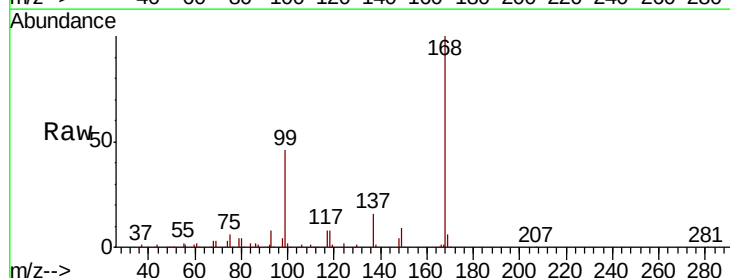
Instrument :
 MSVOA_W
 ClientSampleId :

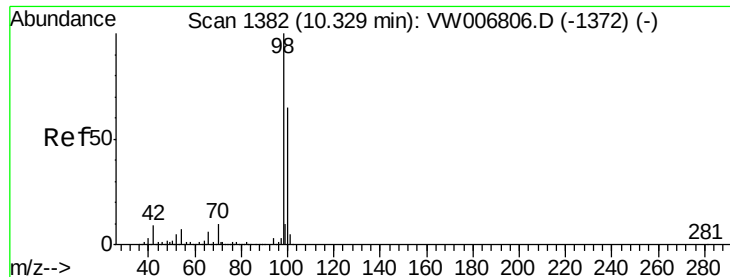
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 6.200 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW006851.D
 Acq: 13 Nov 2018 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	10.1	78.5	117.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 38.502 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006851.D

Acq: 13 Nov 2018 13:55

Instrument :

MSVOA_W

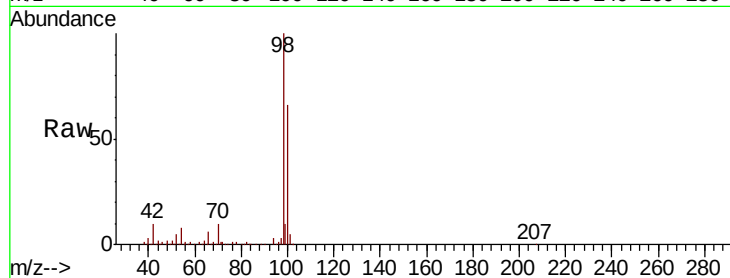
ClientSampleId :

Tot Ion: 98 Resp: 145156

Ion Ratio Lower Upper

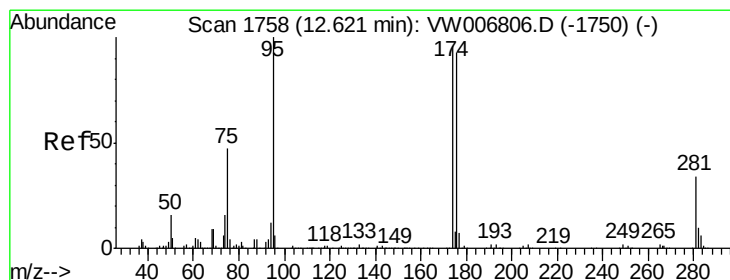
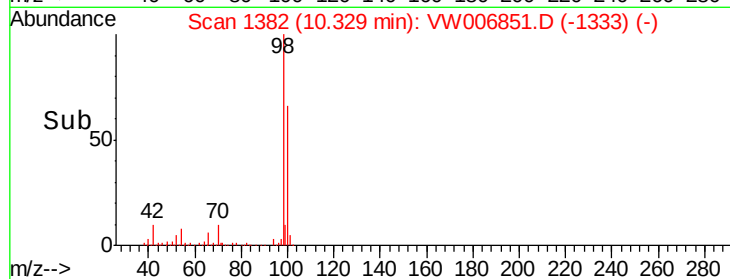
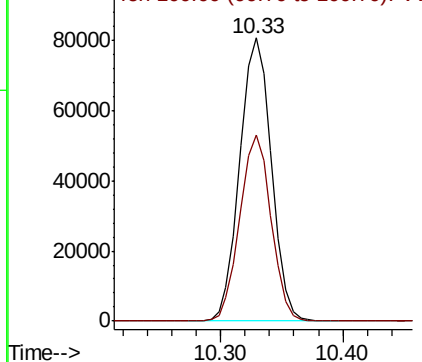
98 100

100 64.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 31.087 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006851.D

Acq: 13 Nov 2018 13:55

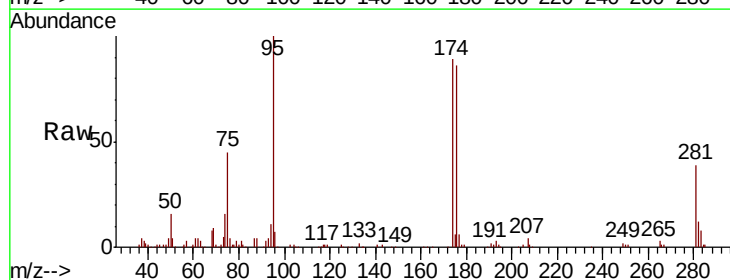
Tgt Ion: 95 Resp: 43167

Ion Ratio Lower Upper

95 100

174 96.0 0.0 196.6

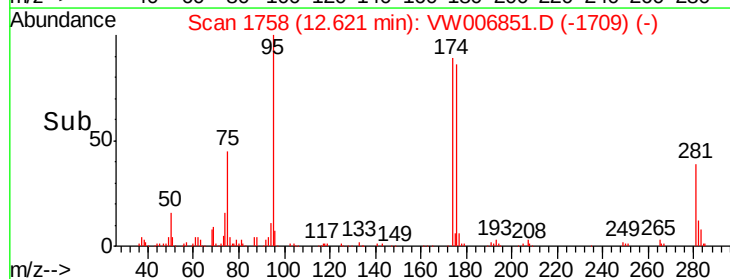
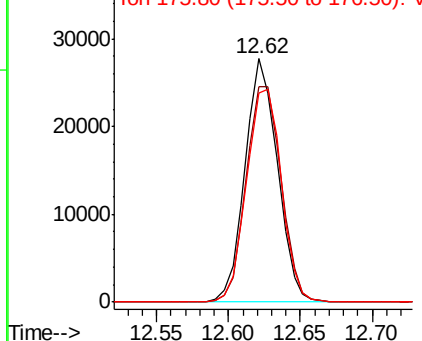
176 94.0 0.0 191.6

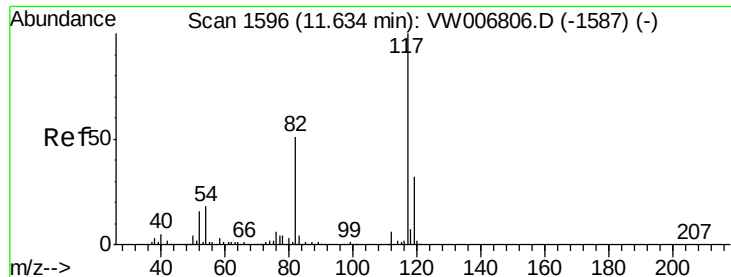


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

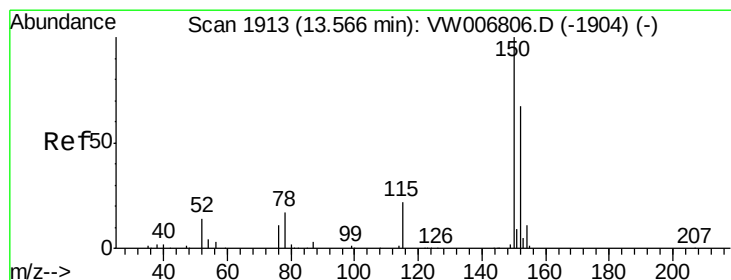
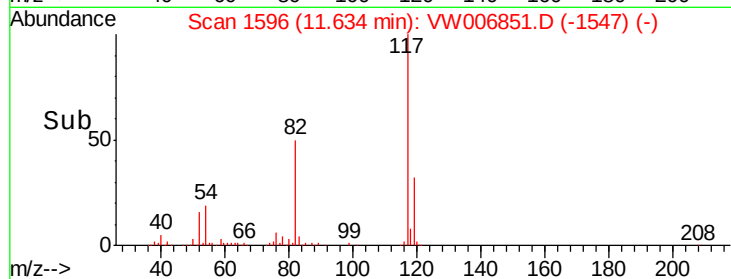
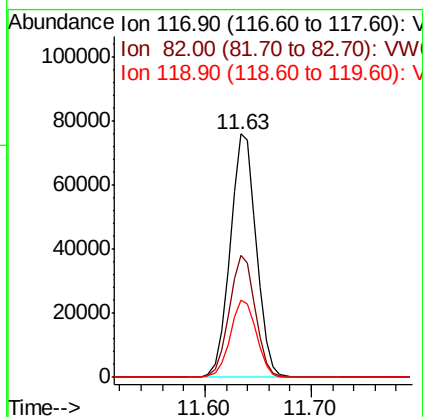
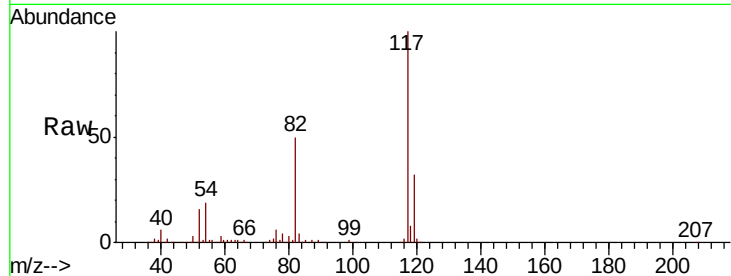




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006851.D
Acq: 13 Nov 2018 13:55

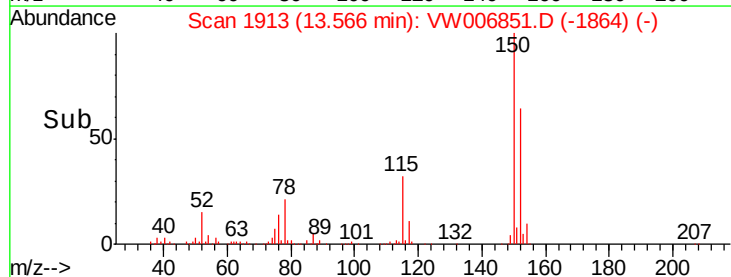
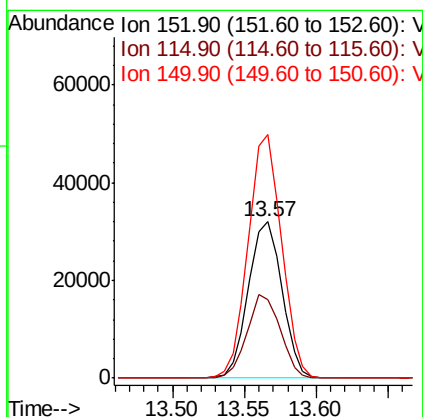
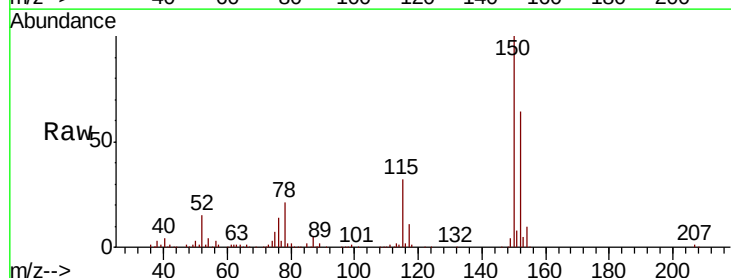
Instrument :
MSVOA_W
ClientSampled :

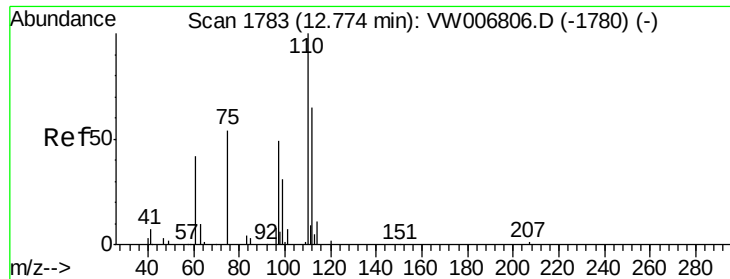
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	40.6	61.0
119	31.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006851.D
Acq: 13 Nov 2018 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.8	27.3	81.8
150	154.1	0.0	353.0

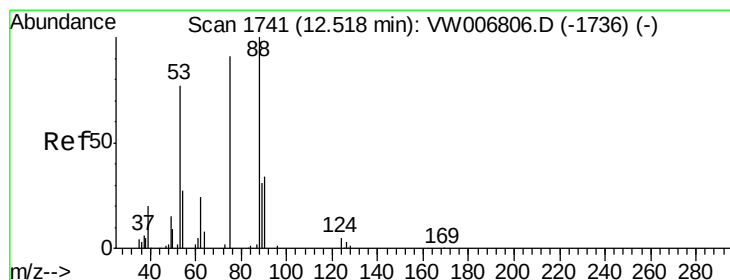
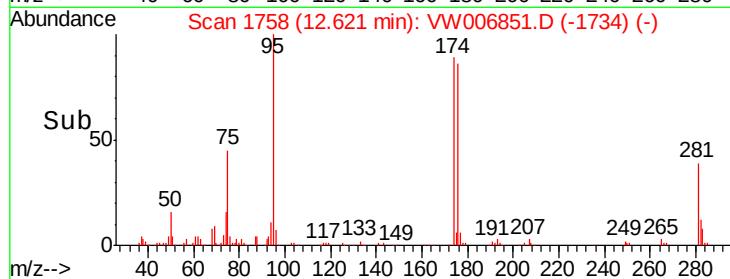
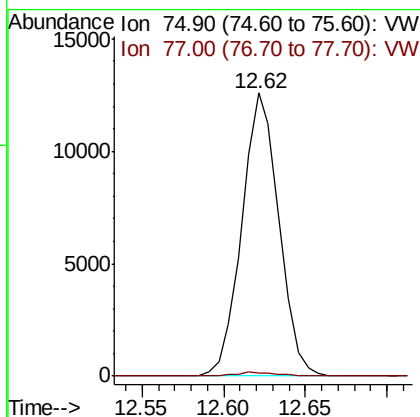
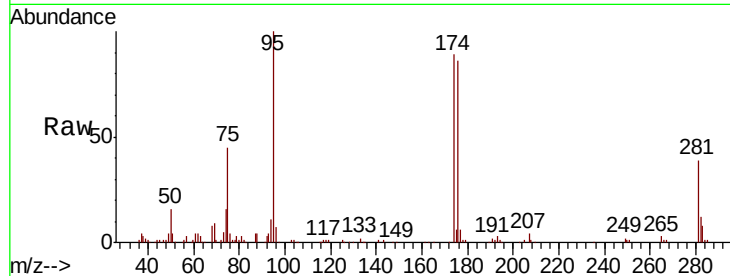




#76
 1,2,3-Trichloropropane
 Concen: 53.353 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006851.D
 Acq: 13 Nov 2018 13:55

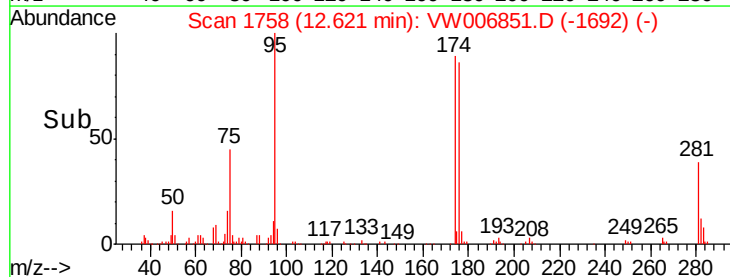
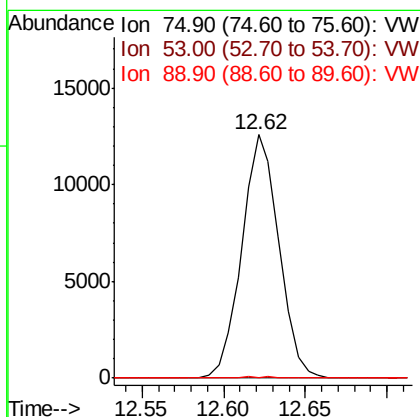
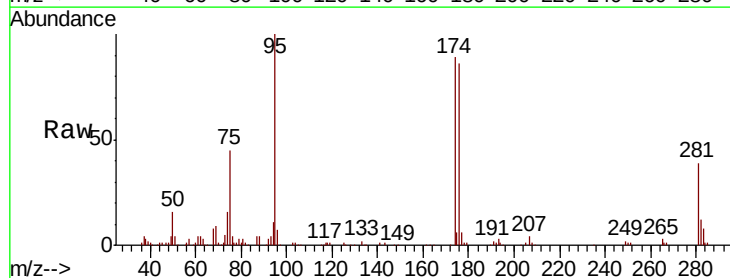
Instrument :
 MSVOA_W
 ClientSampleId :

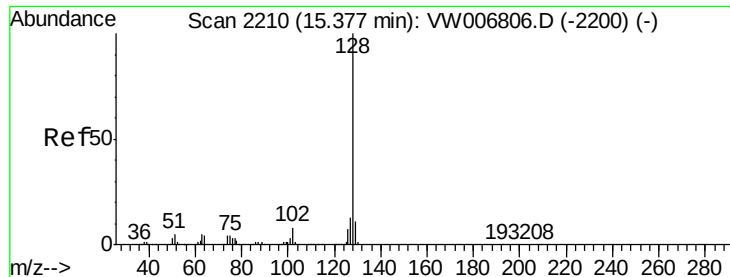
Tot Ion: 75 Resp: 19894
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.971 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006851.D
 Acq: 13 Nov 2018 13:55

Tgt Ion: 75 Resp: 19894
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.4 38.7 58.1#

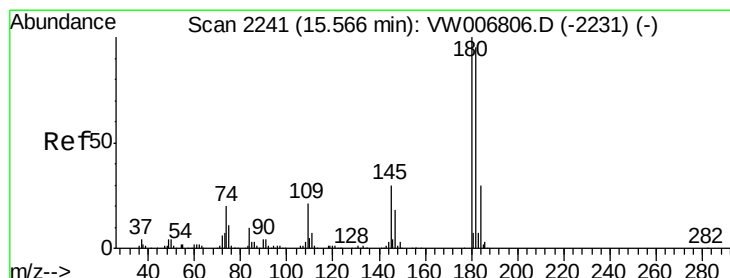
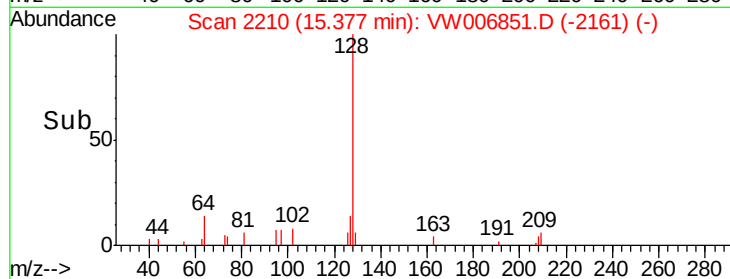
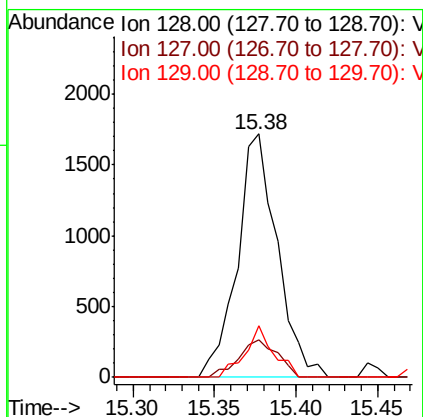
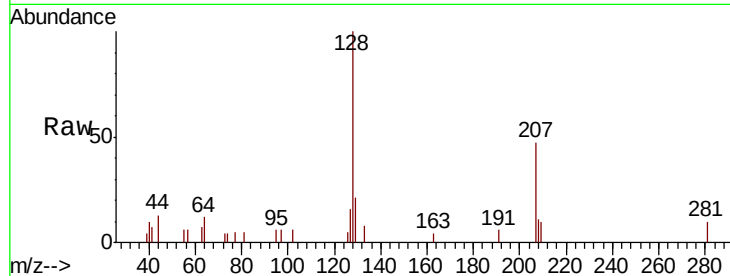




#95
Naphthalene
Concen: 1.613 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006851.D
Acq: 13 Nov 2018 13:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 2927
Ion Ratio Lower Upper
128 100
127 15.0 10.3 15.5
129 15.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.068 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006851.D
Acq: 13 Nov 2018 13:55

Tgt Ion:180 Resp: 1112
Ion Ratio Lower Upper
180 100
182 80.3 47.9 143.6
145 52.2 15.2 45.5#

