

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111218\
 Data File : VW006843.D
 Acq On : 13 Nov 2018 08:42
 Operator : SY/AP
 Sample : J5860-18
 Misc : 5.23G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 13 11:00:08 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

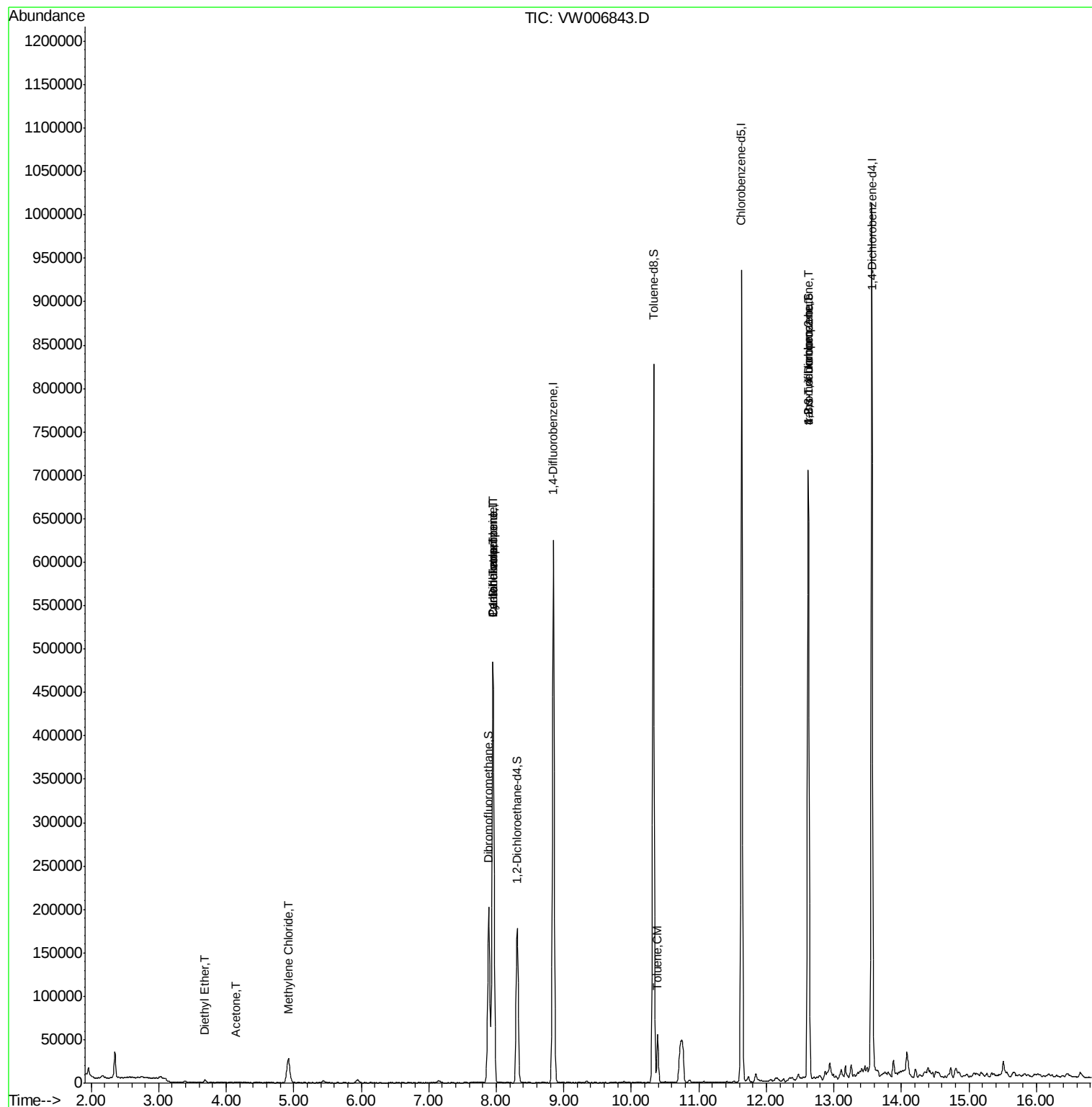
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	402110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	572686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	562649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	294269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141601	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	7.89	113	143818	42.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.34%	
50) Toluene-d8	10.33	98	584093	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.64%	
62) 4-Bromofluorobenzene	12.62	95	210614	40.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.92%	
Target Compounds						
8) Diethyl Ether	3.68	74	1794	1.153	ug/l	99
16) Acetone	4.14	43	2147	5.086	ug/l #	86
20) Methylene Chloride	4.92	84	23802	1.110	ug/l	94
31) Cyclohexane	7.96	56	6112	1.085	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	24239	4.523	ug/l #	46
38) Carbon Tetrachloride	7.96	117	33588	5.766	ug/l #	14
52) Toluene	10.39	92	23334	2.209	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	100768	47.517	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	100768	117.536	ug/l #	13

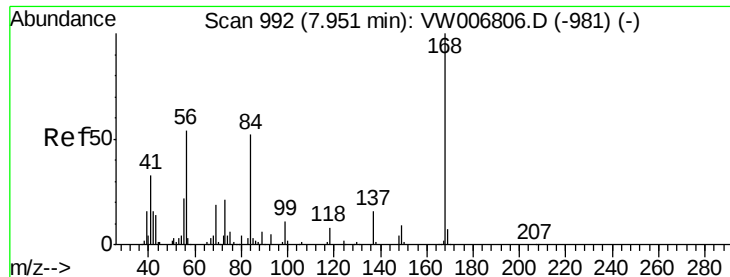
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111218\
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MSVOA_W
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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: VW006843.D

Acq: 13 Nov 2018 08:42

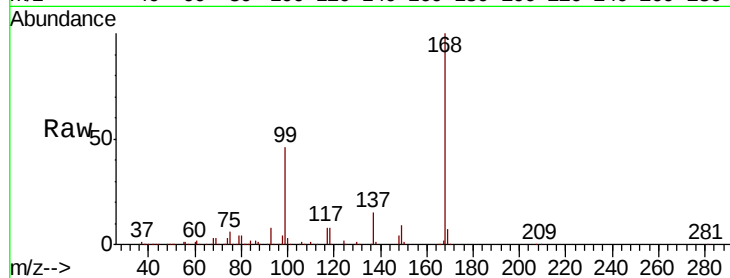
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 402110

Ion Ratio Lower Upper

168 100

99 46.4 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

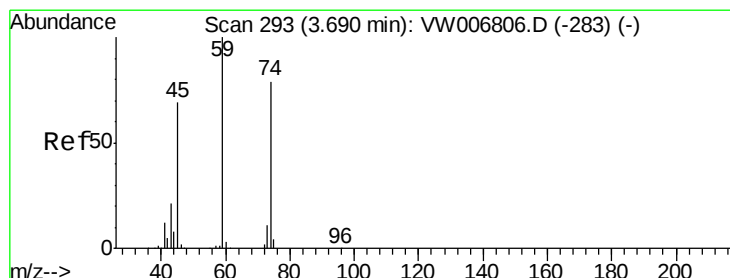
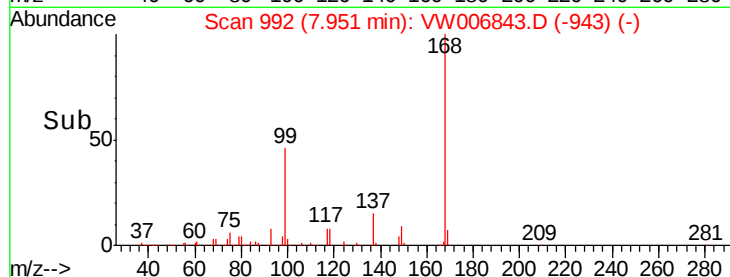
100000

50000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.153 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW006843.D

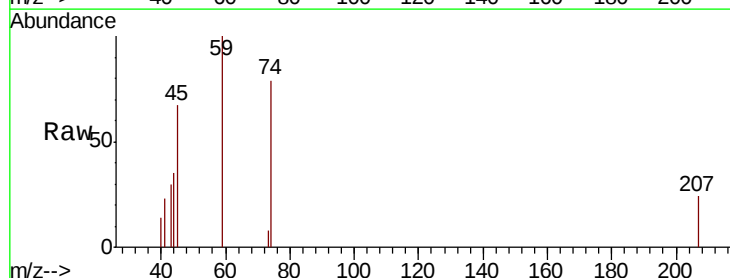
Acq: 13 Nov 2018 08:42

Tgt Ion: 74 Resp: 1794

Ion Ratio Lower Upper

74 100

45 87.0 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

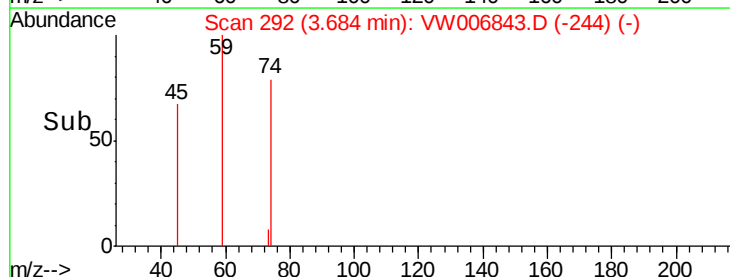
400

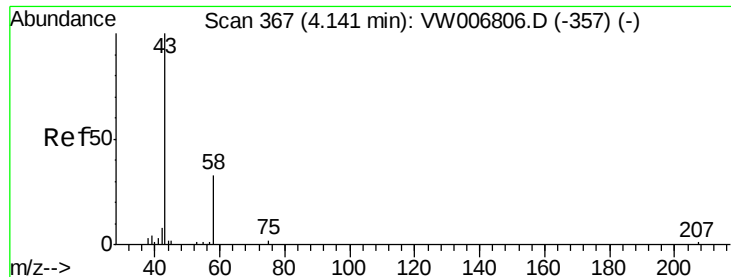
200

0

3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 5.086 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW006843.D

Acq: 13 Nov 2018 08:42

Instrument :

MSVOA_W

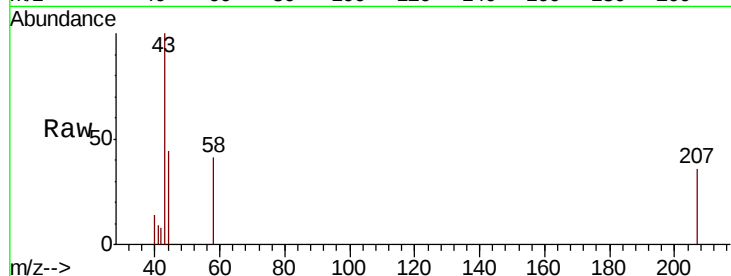
ClientSampleId :

Tot Ion: 43 Resp: 2147

Ion Ratio Lower Upper

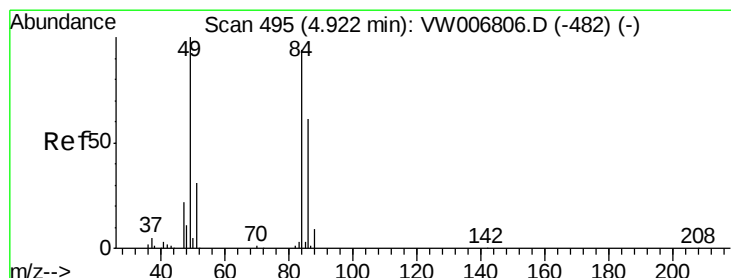
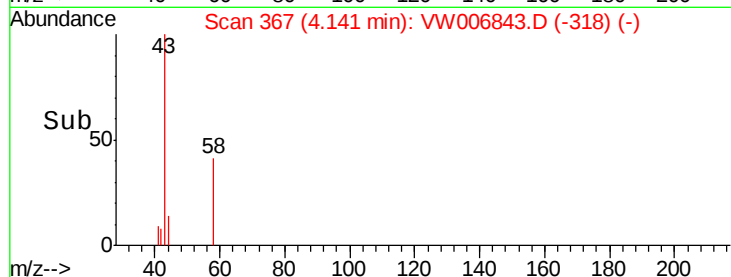
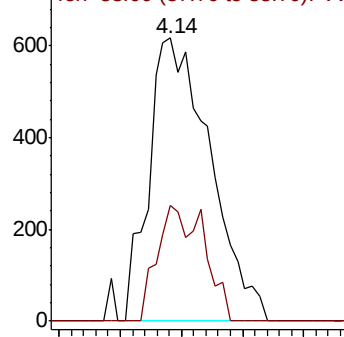
43 100

58 41.0 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: 1.110 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006843.D

Acq: 13 Nov 2018 08:42

Tgt Ion: 84 Resp: 23802

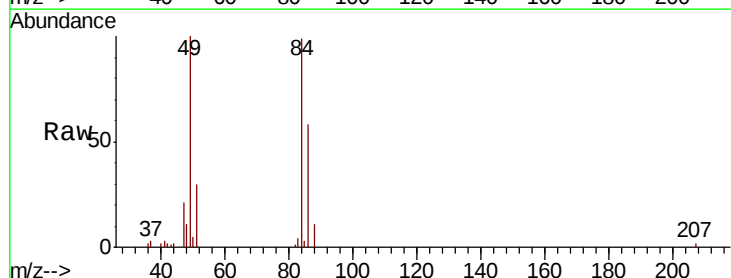
Ion Ratio Lower Upper

84 100

49 101.3 84.8 127.2

51 30.4 26.2 39.4

86 58.5 51.8 77.8

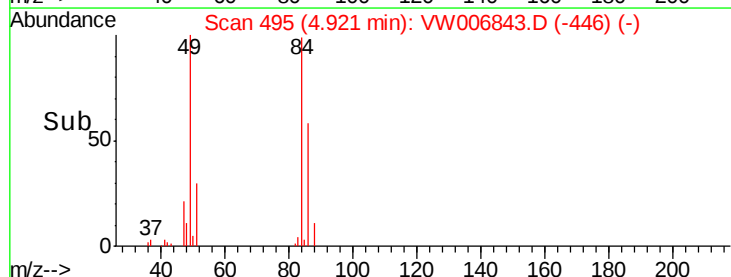
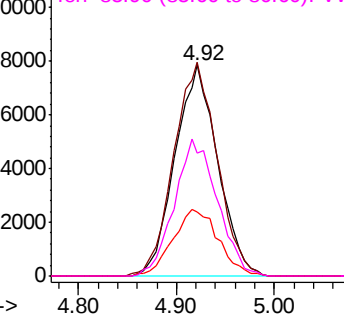


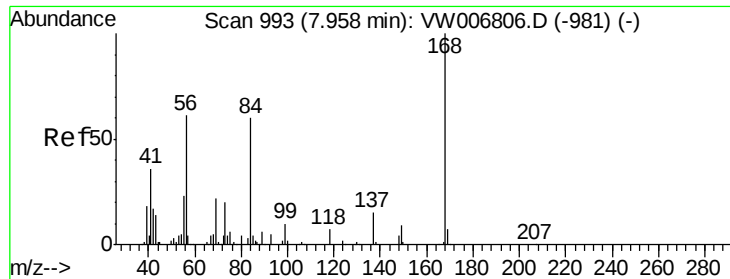
Abundance Ion 83.90 (83.60 to 84.60): VW

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

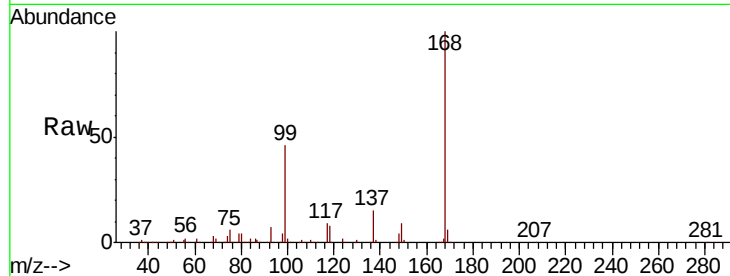




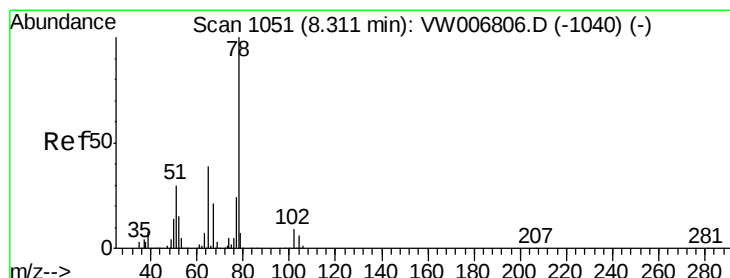
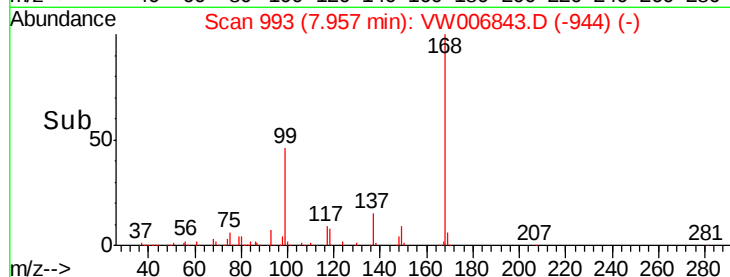
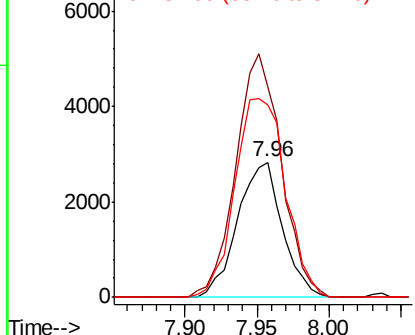
#31
Cvclohexane
Concen: 1.085 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 6112
Ion Ratio Lower Upper
56 100
69 155.4 28.9 43.3#
84 141.9 79.0 118.4#

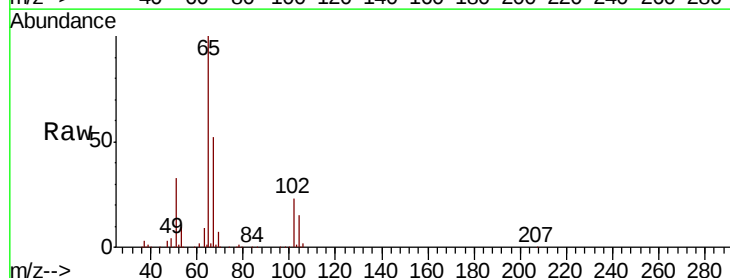


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

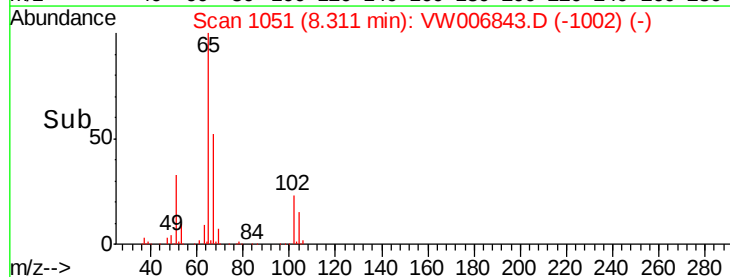
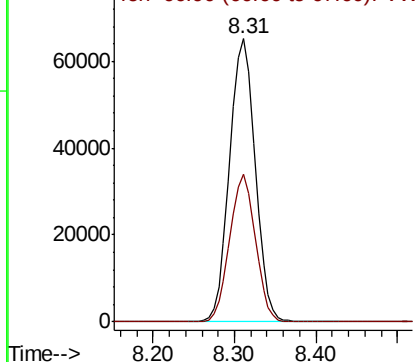


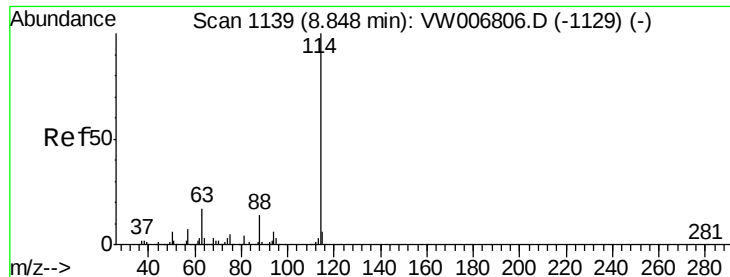
#33
1,2-Dichloroethane-d4
Concen: 48.171 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion: 65 Resp: 141601
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.4



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

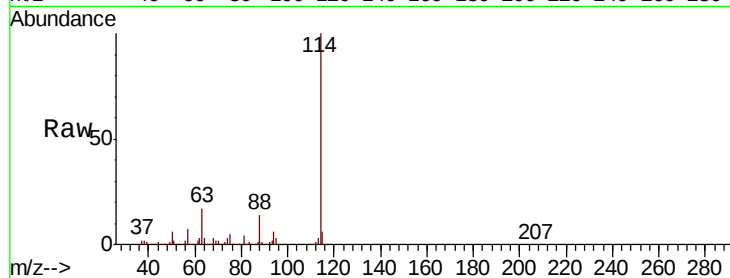




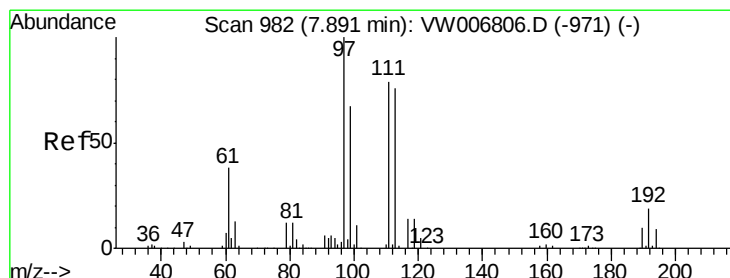
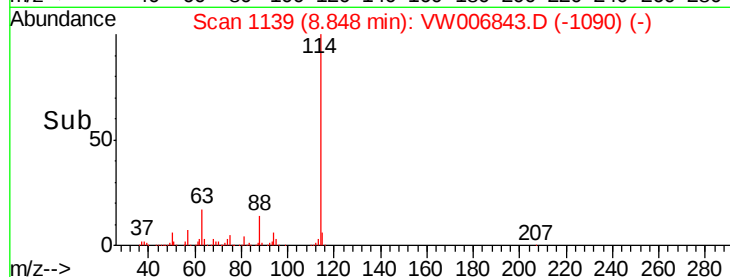
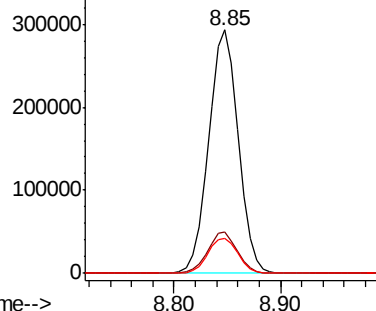
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006843.D
 Acq: 13 Nov 2018 08:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	33.6
88	14.4	0.0	28.4

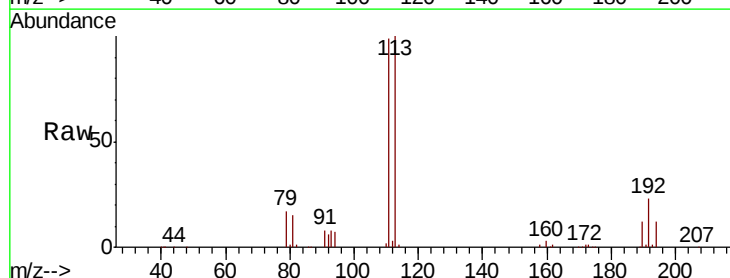


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

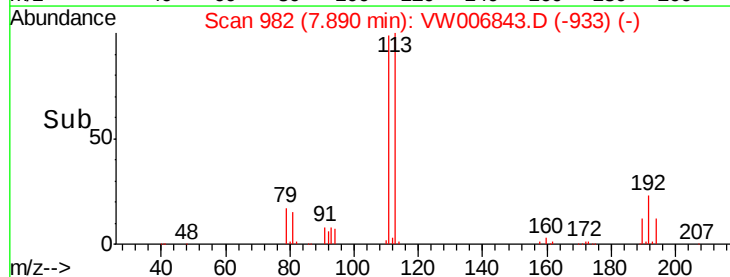
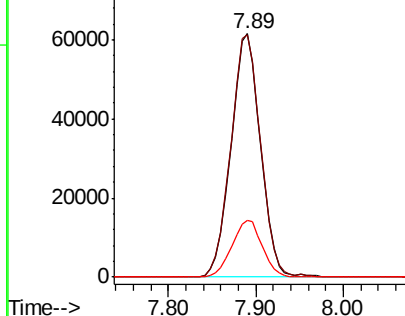


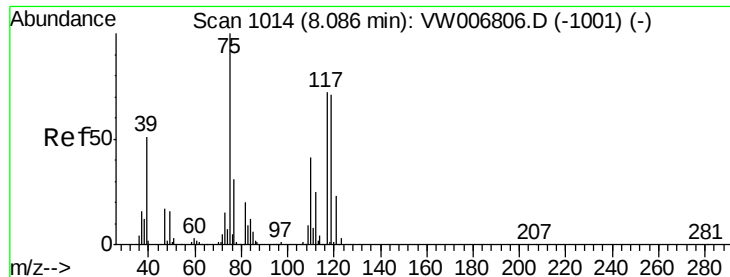
#35
 Dibromofluoromethane
 Concen: 42.173 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006843.D
 Acq: 13 Nov 2018 08:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.6
192	23.7	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

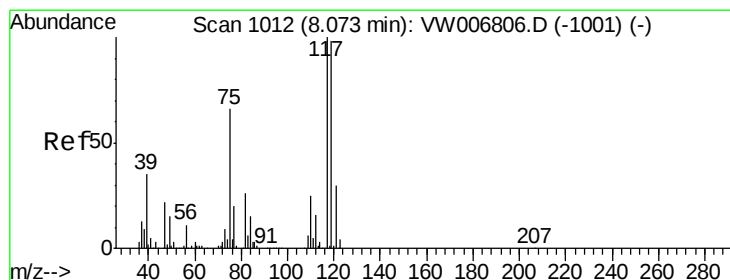
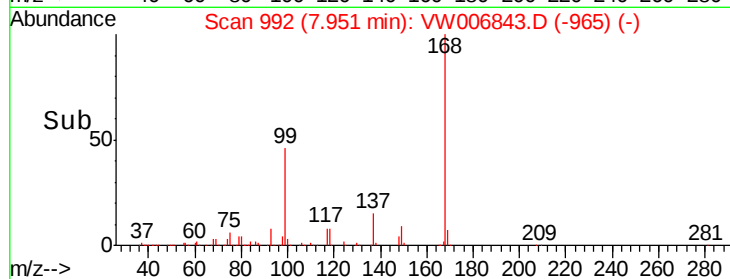
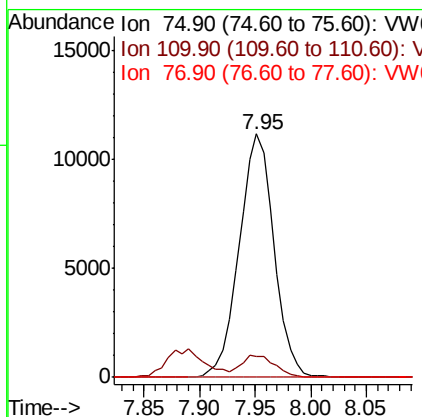
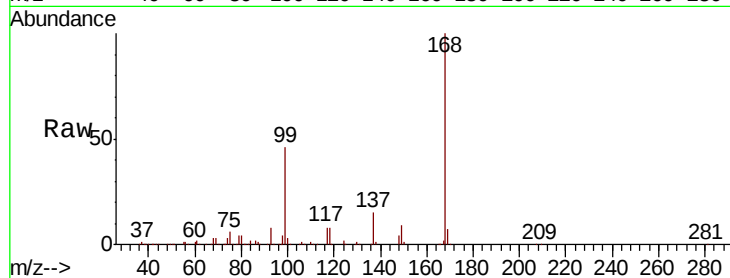




#36
 1,1-Dichloropropene
 Concen: 4.523 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006843.D
 Acq: 13 Nov 2018 08:42

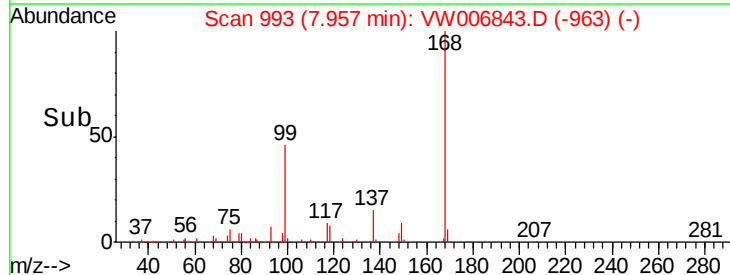
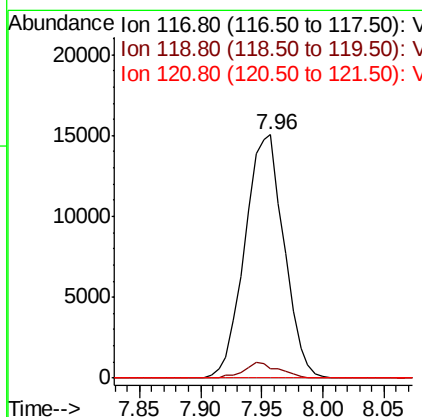
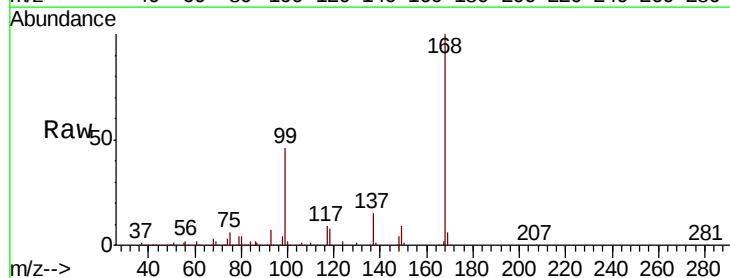
Instrument :
 MSVOA_W
 ClientSampleId :

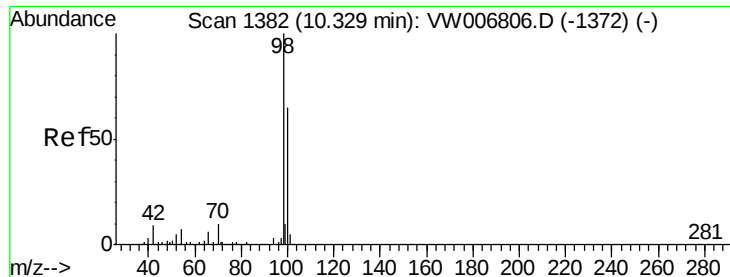
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 5.766 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW006843.D
 Acq: 13 Nov 2018 08:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.5	117.7#
121	0.0	24.2	36.2#

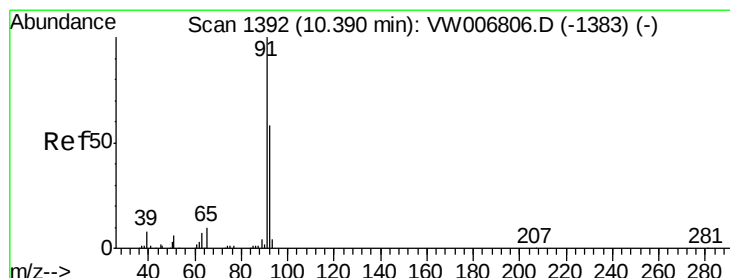
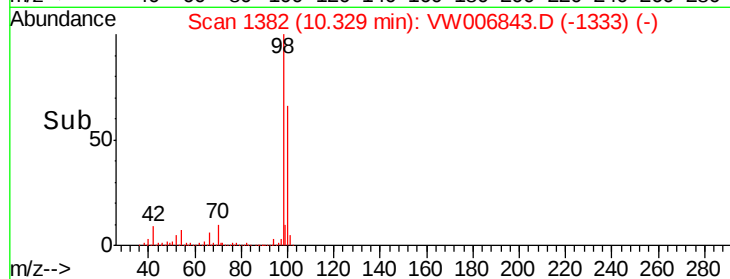
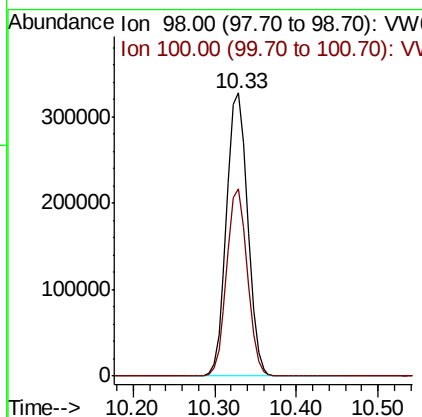
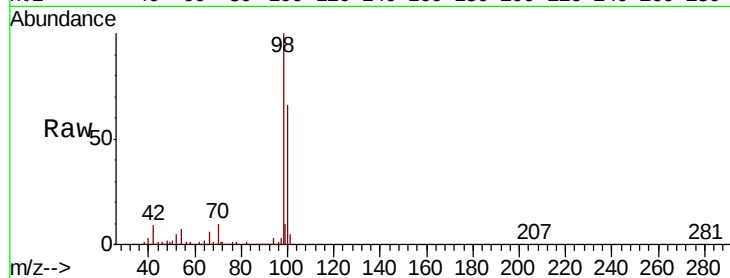




#50
Toluene-d8
Concen: 41.323 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

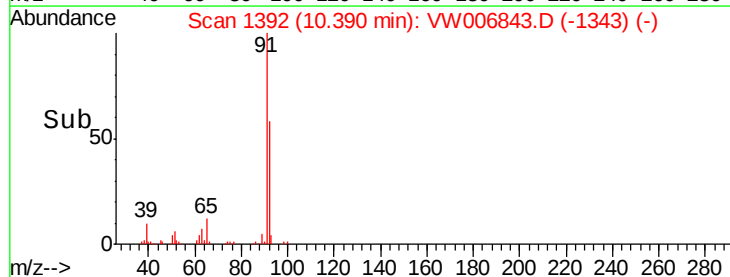
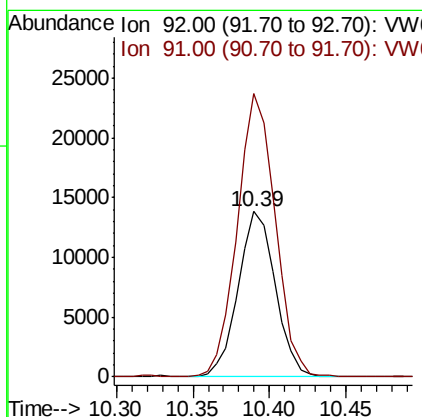
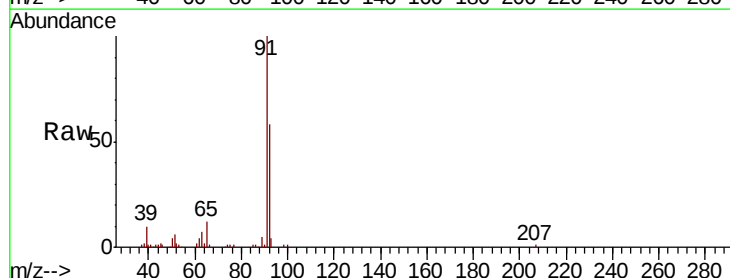
Instrument :
MSVOA_W
ClientSampleId :

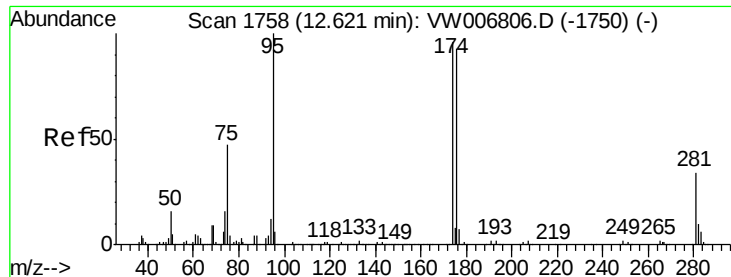
Tot Ion: 98 Resp: 584093
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.2



#52
Toluene
Concen: 2.209 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion: 92 Resp: 23334
Ion Ratio Lower Upper
92 100
91 175.0 139.4 209.2

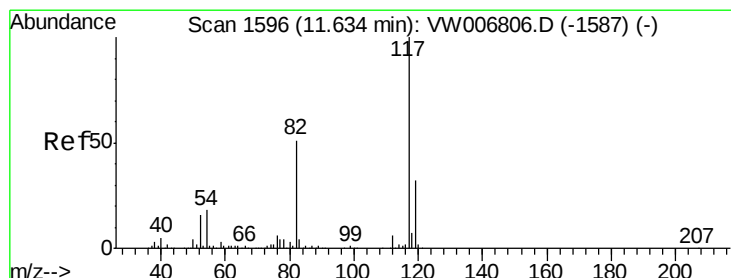
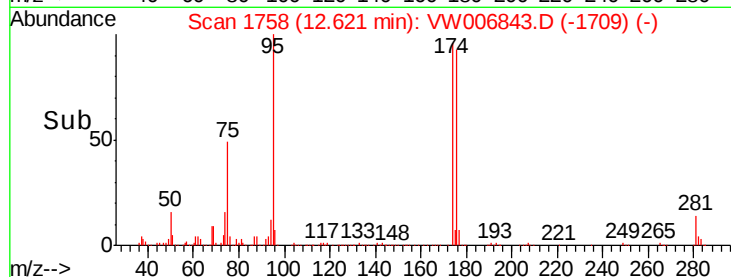
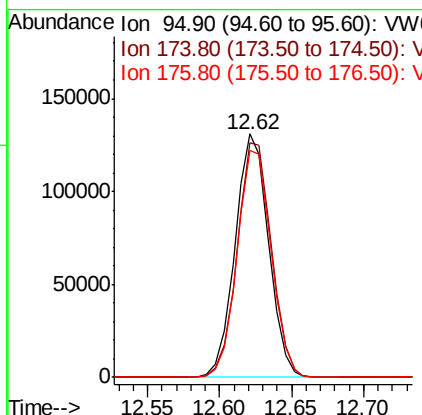
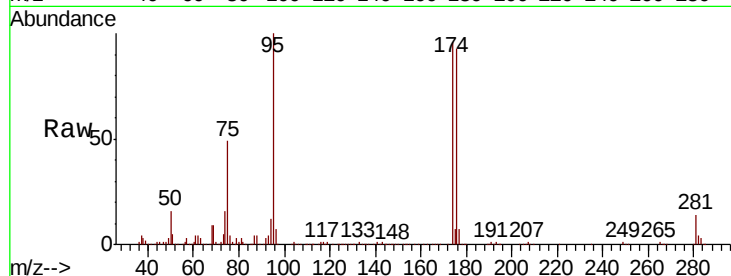




#62
4-Bromofluorobenzene
Concen: 40.456 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

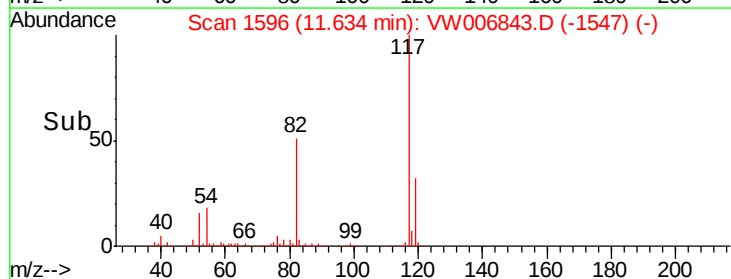
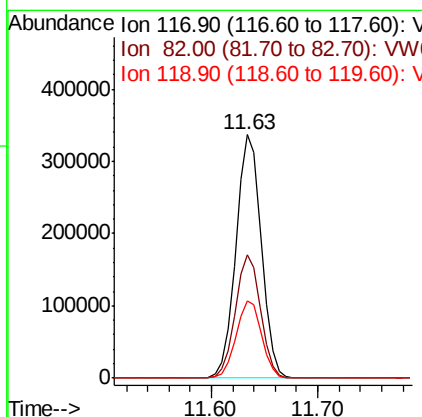
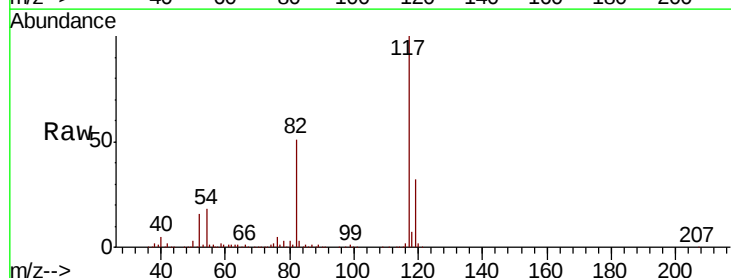
Instrument :
MSVOA_W
ClientSampleId :

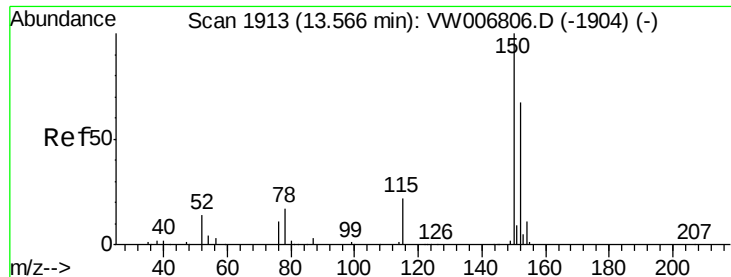
Tot Ion: 95 Resp: 210614
Ion Ratio Lower Upper
95 100
174 98.1 0.0 196.6
176 95.1 0.0 191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion: 117 Resp: 562649
Ion Ratio Lower Upper
117 100
82 50.9 40.6 61.0
119 31.9 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: VW006843.D

Acq: 13 Nov 2018 08:42

Instrument :

MSVOA_W

ClientSampleId :

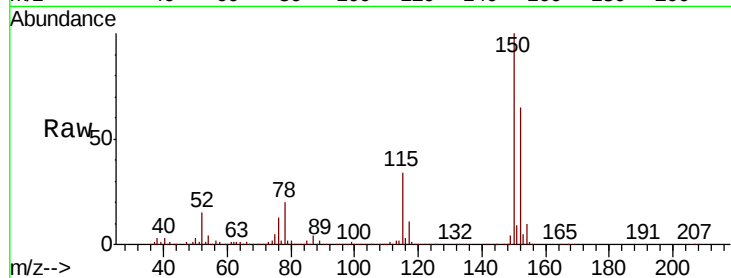
Tot Ion:152 Resp: 294269

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.8

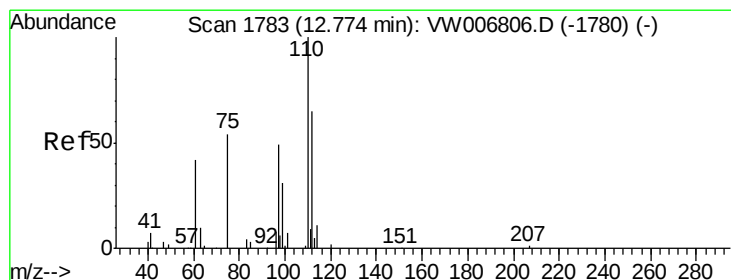
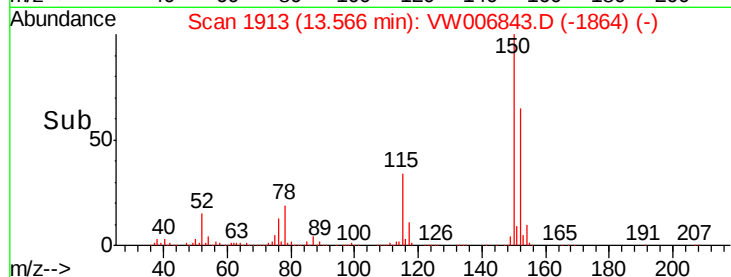
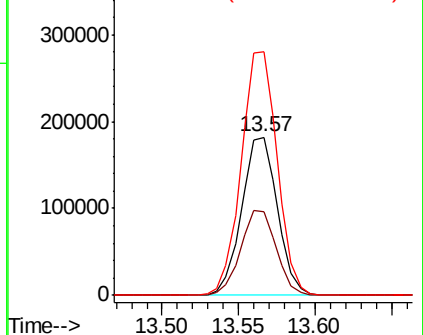
150 155.5 0.0 353.0



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: 47.517 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006843.D

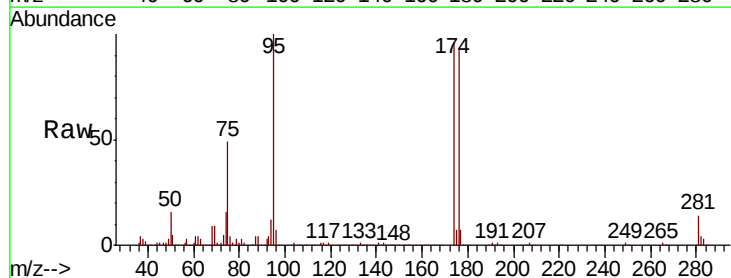
Acq: 13 Nov 2018 08:42

Tgt Ion: 75 Resp: 100768

Ion Ratio Lower Upper

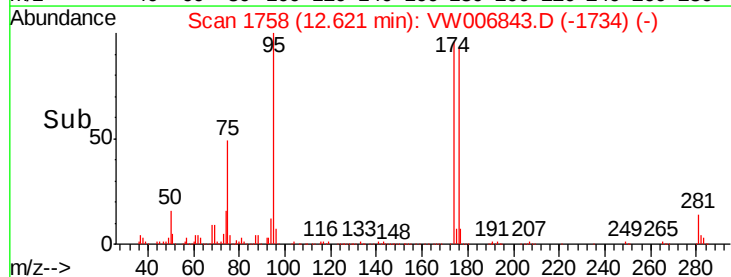
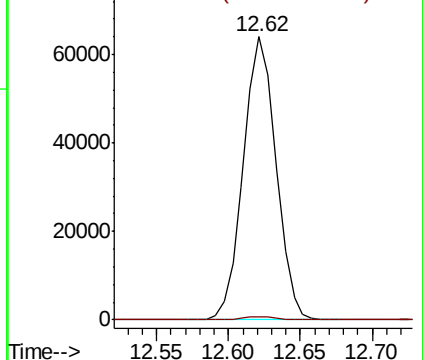
75 100

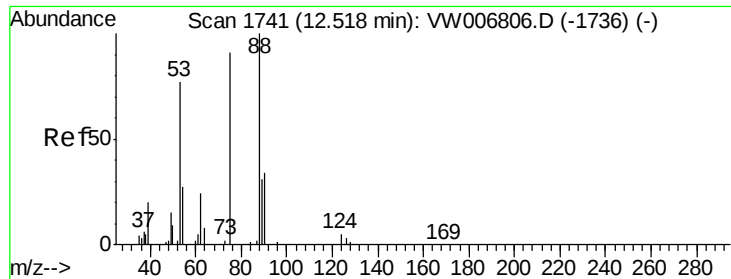
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

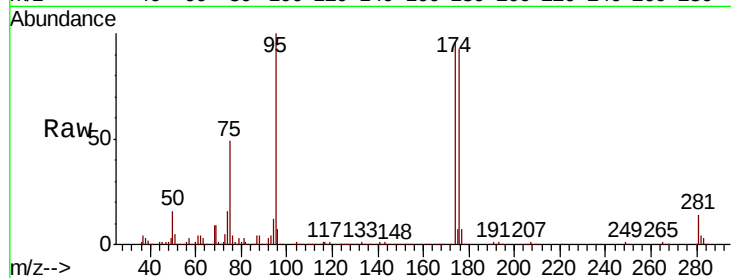




#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.536 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006843.D
 Acq: 13 Nov 2018 08:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 100768
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.0 38.7 58.1#



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

