

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005026.D
 Acq On : 30 Aug 2018 18:31
 Operator : SY/AP
 Sample : J4661-01RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WASTE-CLASS-HOT-SPOTRE

Quant Time: Aug 31 05:41:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

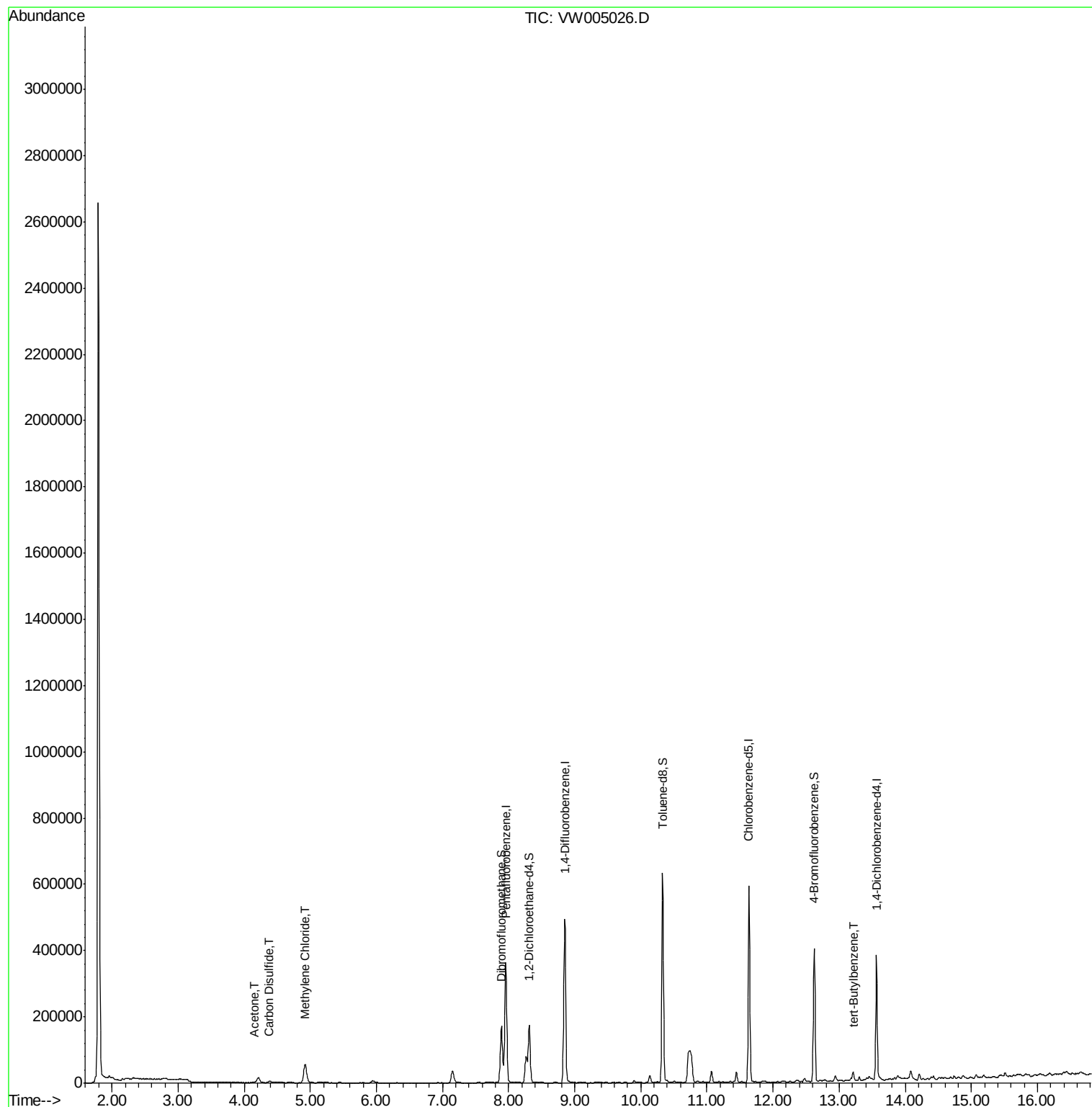
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	292176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	442522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	106764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135297	67.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.40%	
35) Dibromofluoromethane	7.89	113	124229	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
50) Toluene-d8	10.33	98	445005	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.92%	
62) 4-Bromofluorobenzene	12.62	95	112272	25.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.16%	
Target Compounds						
16) Acetone	4.15	43	5775	12.81	ug/l	# 76
17) Carbon Disulfide	4.39	76	10621	1.18	ug/l	96
20) Methylene Chloride	4.92	84	45294	10.58	ug/l	98
83) tert-Butylbenzene	13.21	119	7013	1.33	ug/l	89

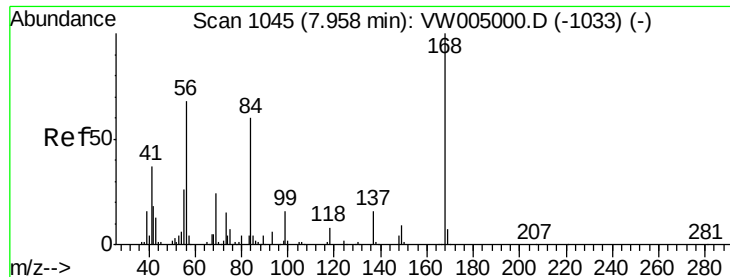
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005026.D

Acq: 30 Aug 2018 18:31

Instrument :

MSVOA_W

ClientSampleId :

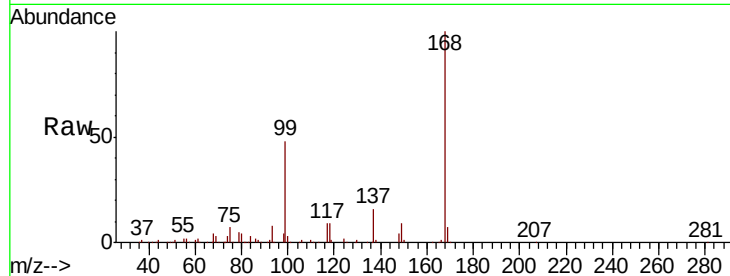
WASTE-CLASS-HOT-SPOTRE

Tot Ion:168 Resp: 292176

Ion Ratio Lower Upper

168 100

99 48.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

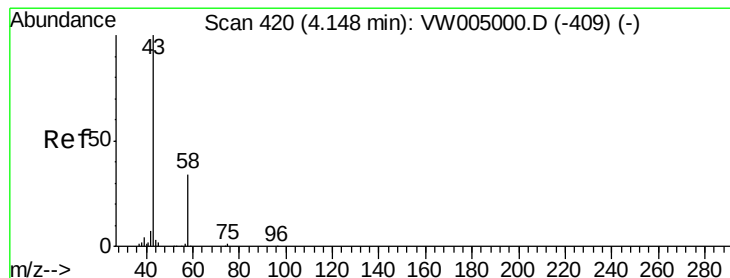
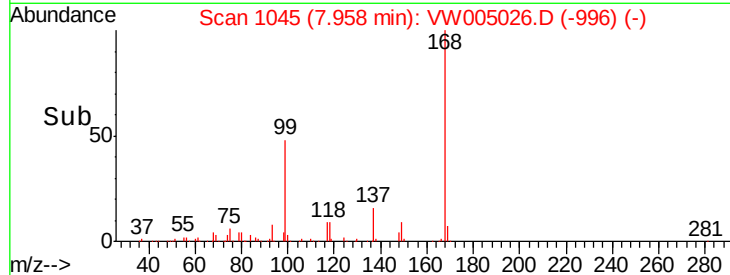
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.81 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW005026.D

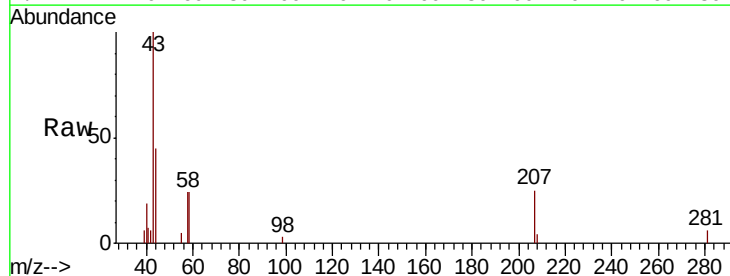
Acq: 30 Aug 2018 18:31

Tgt Ion: 43 Resp: 5775

Ion Ratio Lower Upper

43 100

58 47.8 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

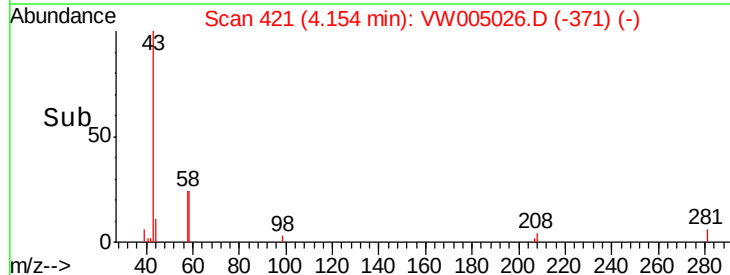
1500

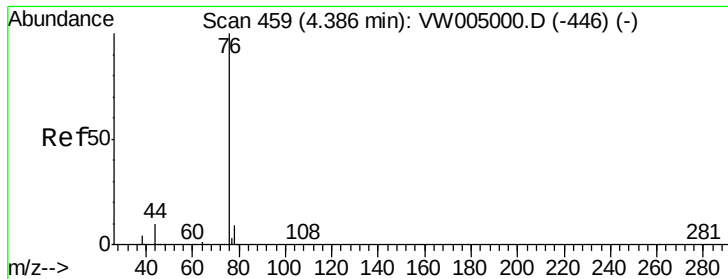
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 1.18 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005026.D

Acq: 30 Aug 2018 18:31

Instrument :

MSVOA_W

ClientSampleId :

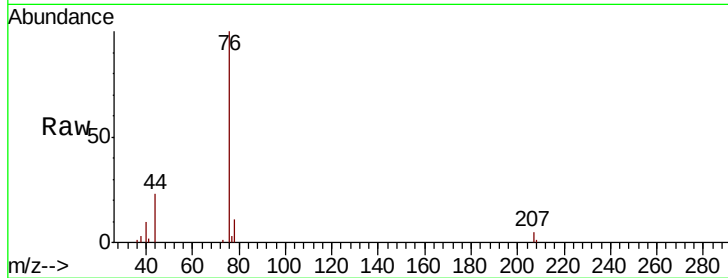
WASTE-CLASS-HOT-SPOTRE

Tot Ion: 76 Resp: 10621

Ion Ratio Lower Upper

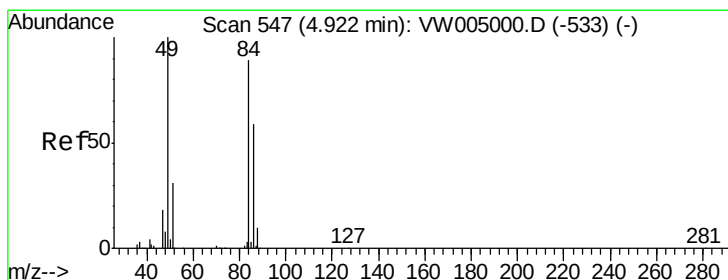
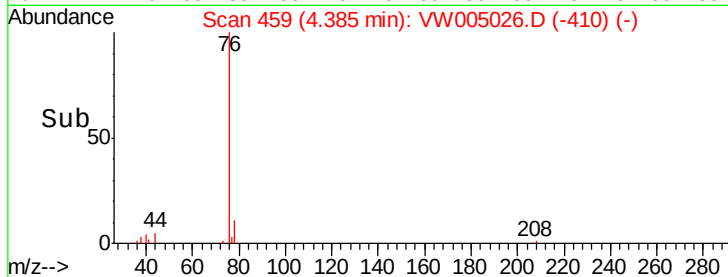
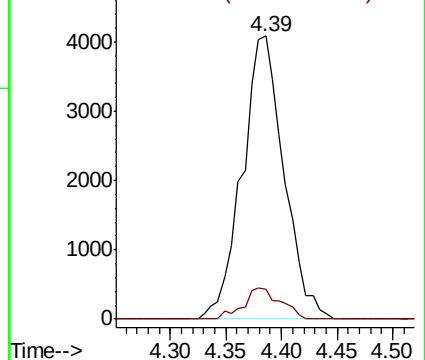
76 100

78 10.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 10.58 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.00 min

Lab File: VW005026.D

Acq: 30 Aug 2018 18:31

Tgt Ion: 84 Resp: 45294

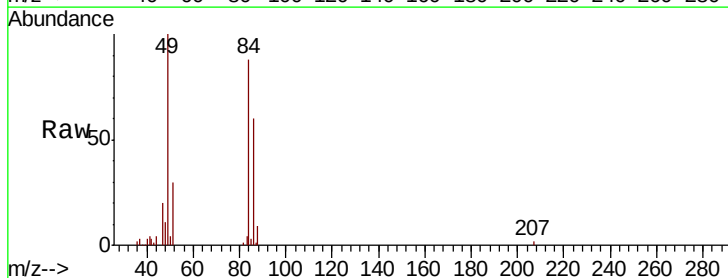
Ion Ratio Lower Upper

84 100

49 113.6 89.7 134.5

51 33.8 27.5 41.3

86 67.8 52.7 79.1

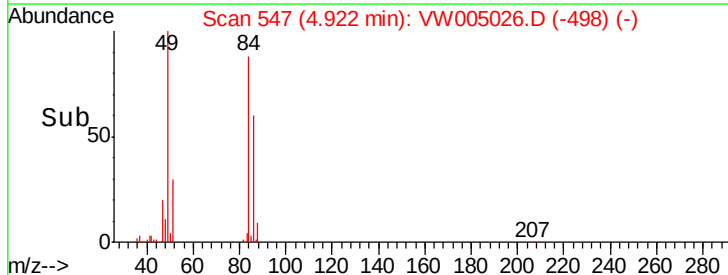
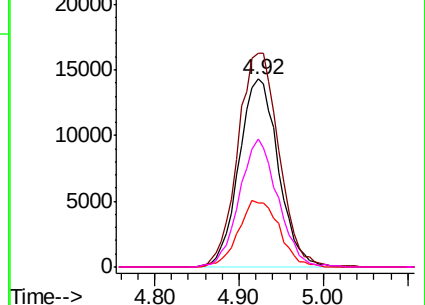


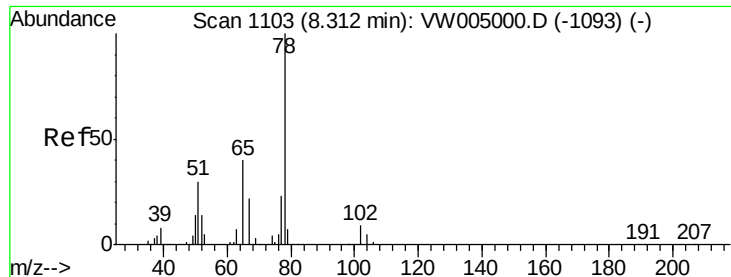
Abundance Ion 83.90 (83.60 to 84.60): VW

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

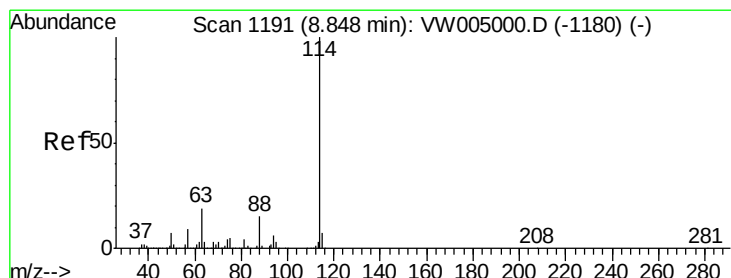
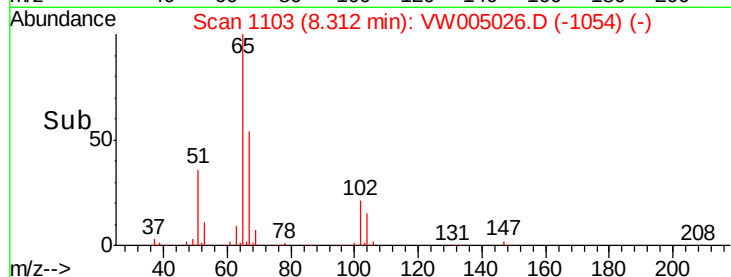
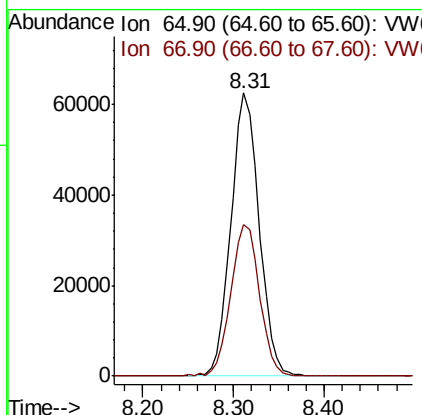
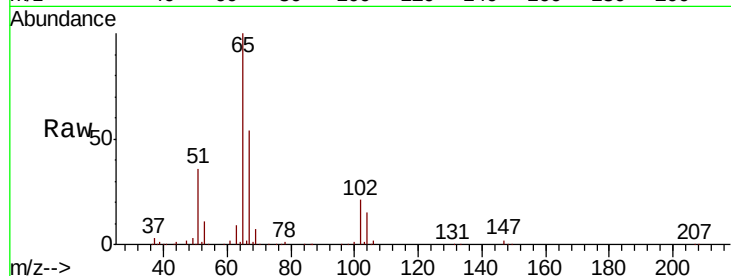




#33
 1,2-Dichloroethane-d4
 Concen: 67.70 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005026.D
 Acq: 30 Aug 2018 18:31

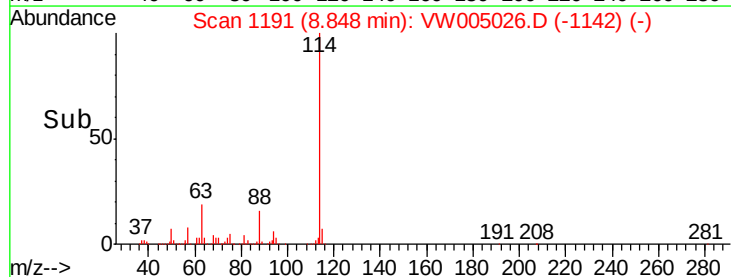
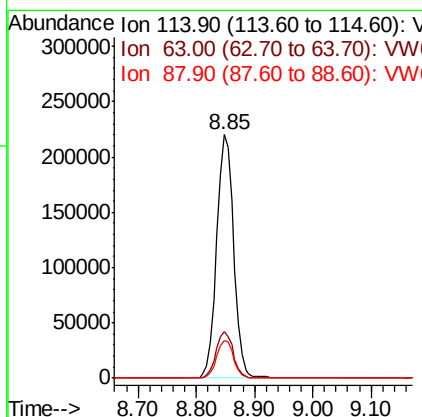
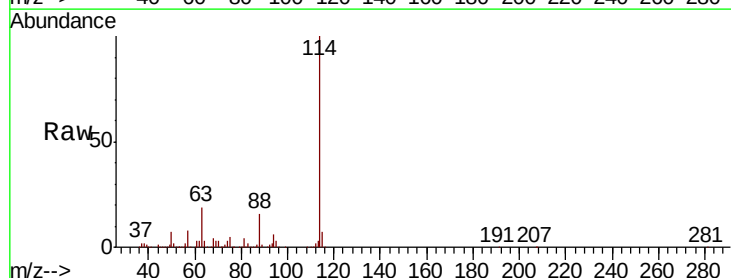
Instrument :
 MSVOA_W
 ClientSampleId :
 WASTE-CLASS-HOT-SPOTRE

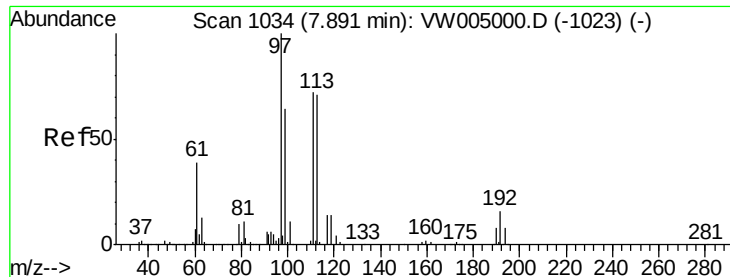
Tot Ion: 65 Resp: 135297
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005026.D
 Acq: 30 Aug 2018 18:31

Tgt Ion: 114 Resp: 442522
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.6 0.0 30.6

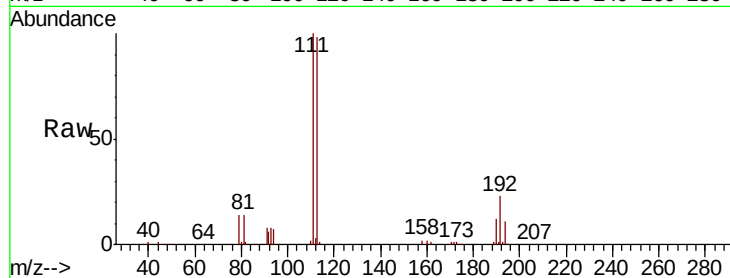




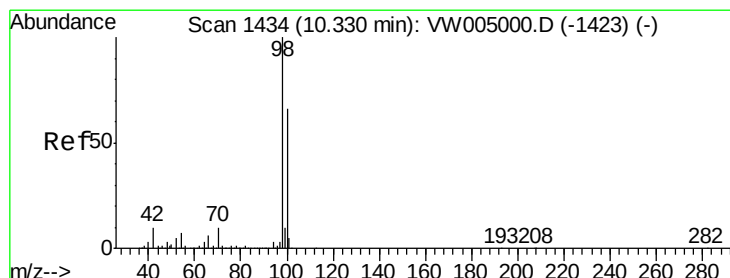
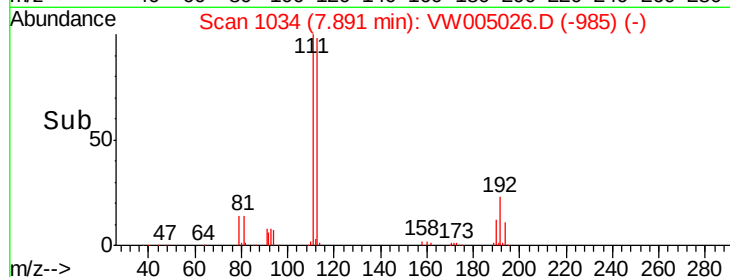
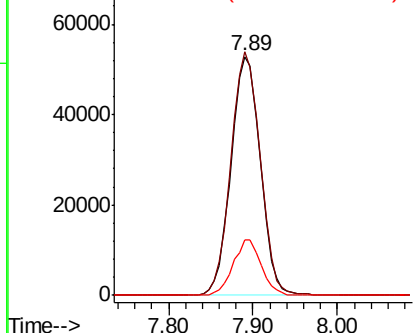
#35
Dibromofluoromethane
Concen: 56.65 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005026.D
Acq: 30 Aug 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
WASTE-CLASS-HOT-SPOTRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	22.2	17.8	26.8

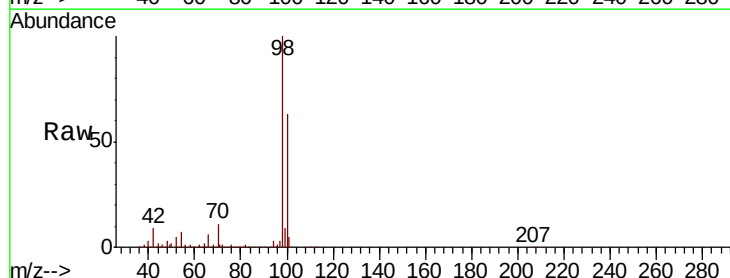


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

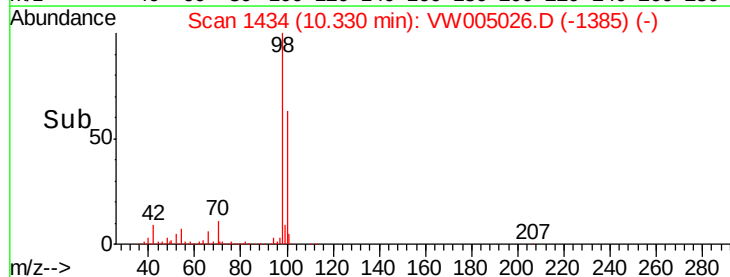
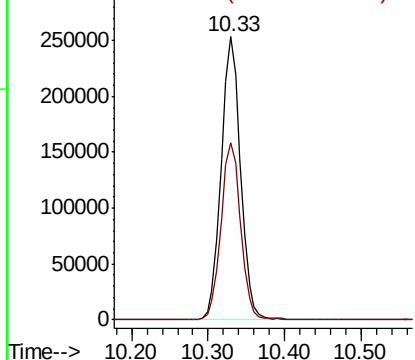


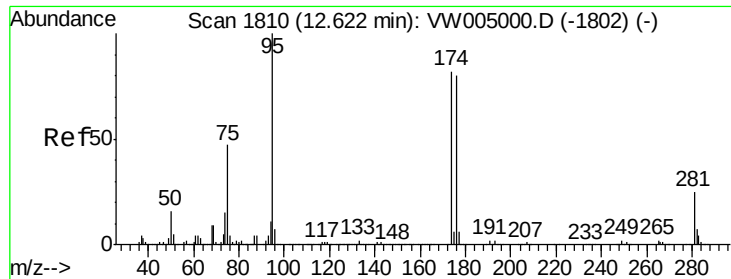
#50
Toluene-d8
Concen: 36.96 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005026.D
Acq: 30 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.9	77.9



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

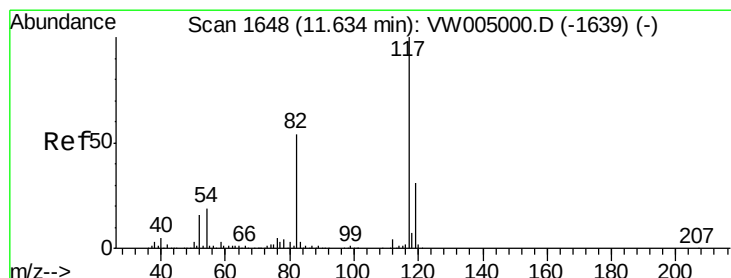
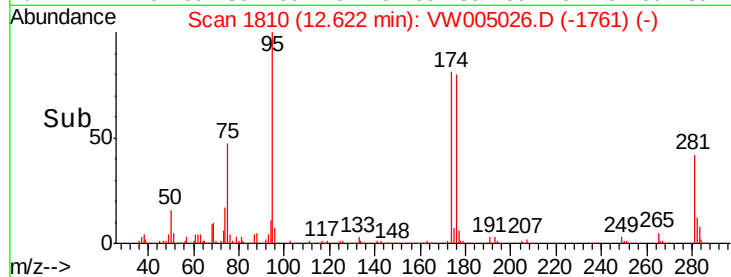
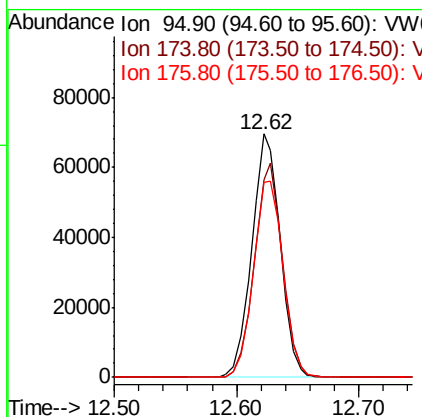
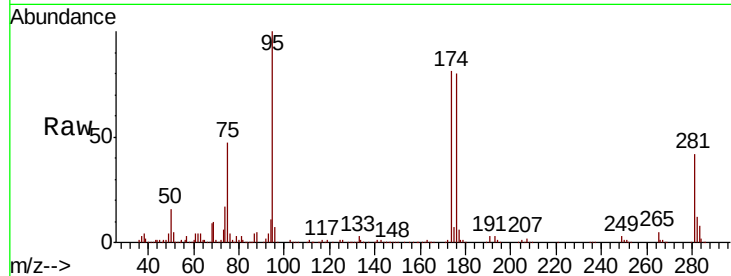




#62
4-Bromofluorobenzene
Concen: 25.58 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005026.D
Acq: 30 Aug 2018 18:31

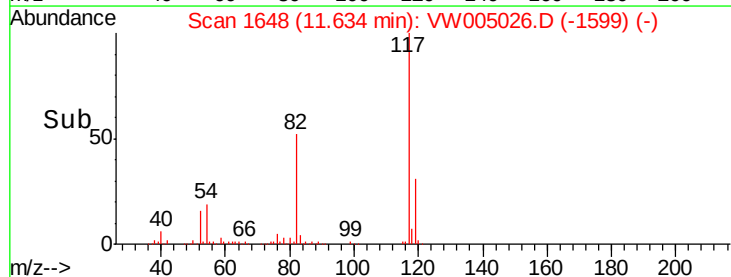
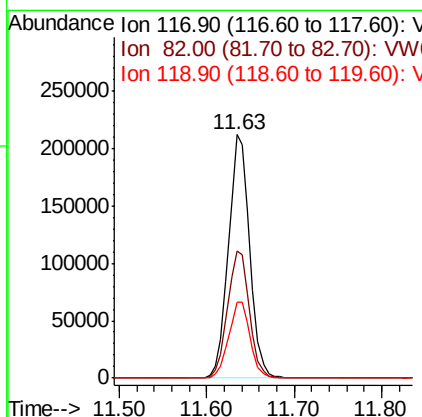
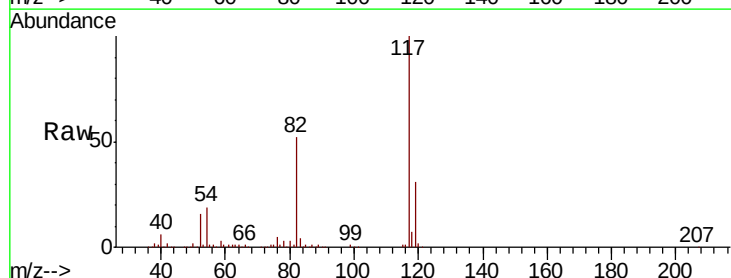
Instrument :
MSVOA_W
ClientSampleId :
WASTE-CLASS-HOT-SPOTRE

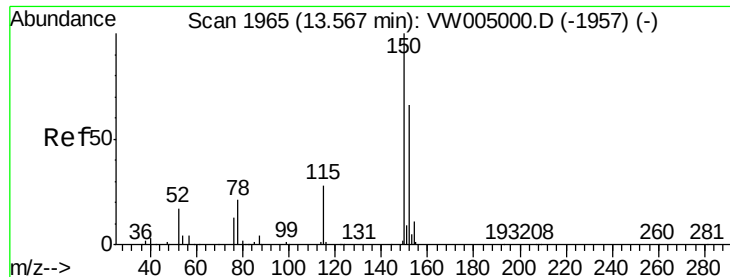
Tot Ion: 95 Resp: 112272
Ion Ratio Lower Upper
95 100
174 87.4 0.0 173.4
176 84.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005026.D
Acq: 30 Aug 2018 18:31

Tgt Ion: 117 Resp: 357125
Ion Ratio Lower Upper
117 100
82 52.2 43.3 64.9
119 31.2 25.0 37.6



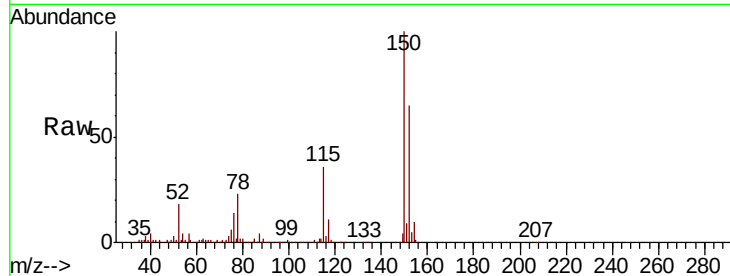


#72

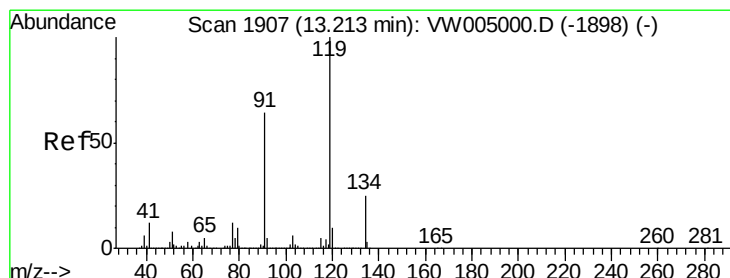
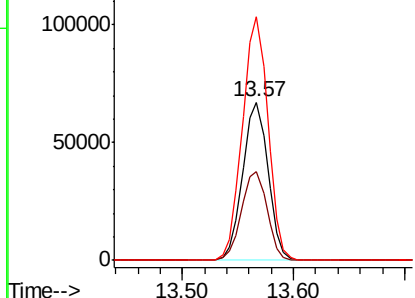
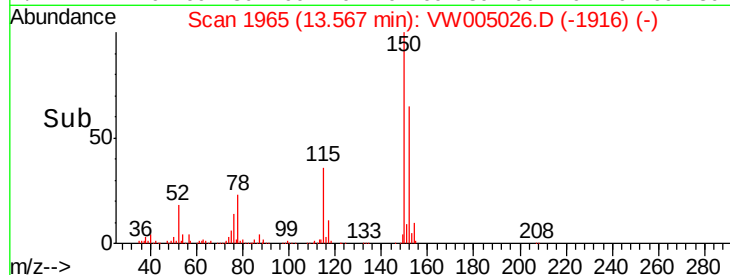
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005026.D
Acq: 30 Aug 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
WASTE-CLASS-HOT-SPOTRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.0	83.9
150	154.5	0.0	347.2



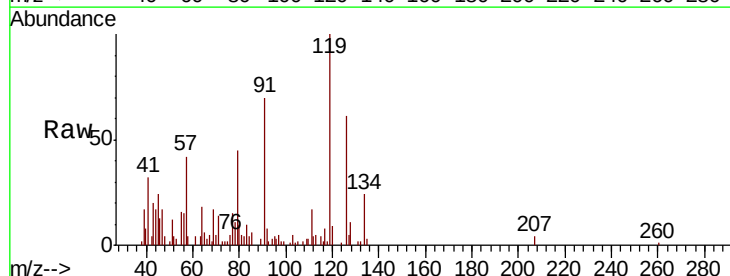
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#83

tert-Butylbenzene
Concen: 1.33 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005026.D
Acq: 30 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
119	100		
91	73.7	31.9	95.5
134	23.3	13.2	39.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

