

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008371.D
 Acq On : 21 Jan 2019 13:26
 Operator : SY/VA
 Sample : K1205-02
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-2

Quant Time: Jan 22 04:12:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

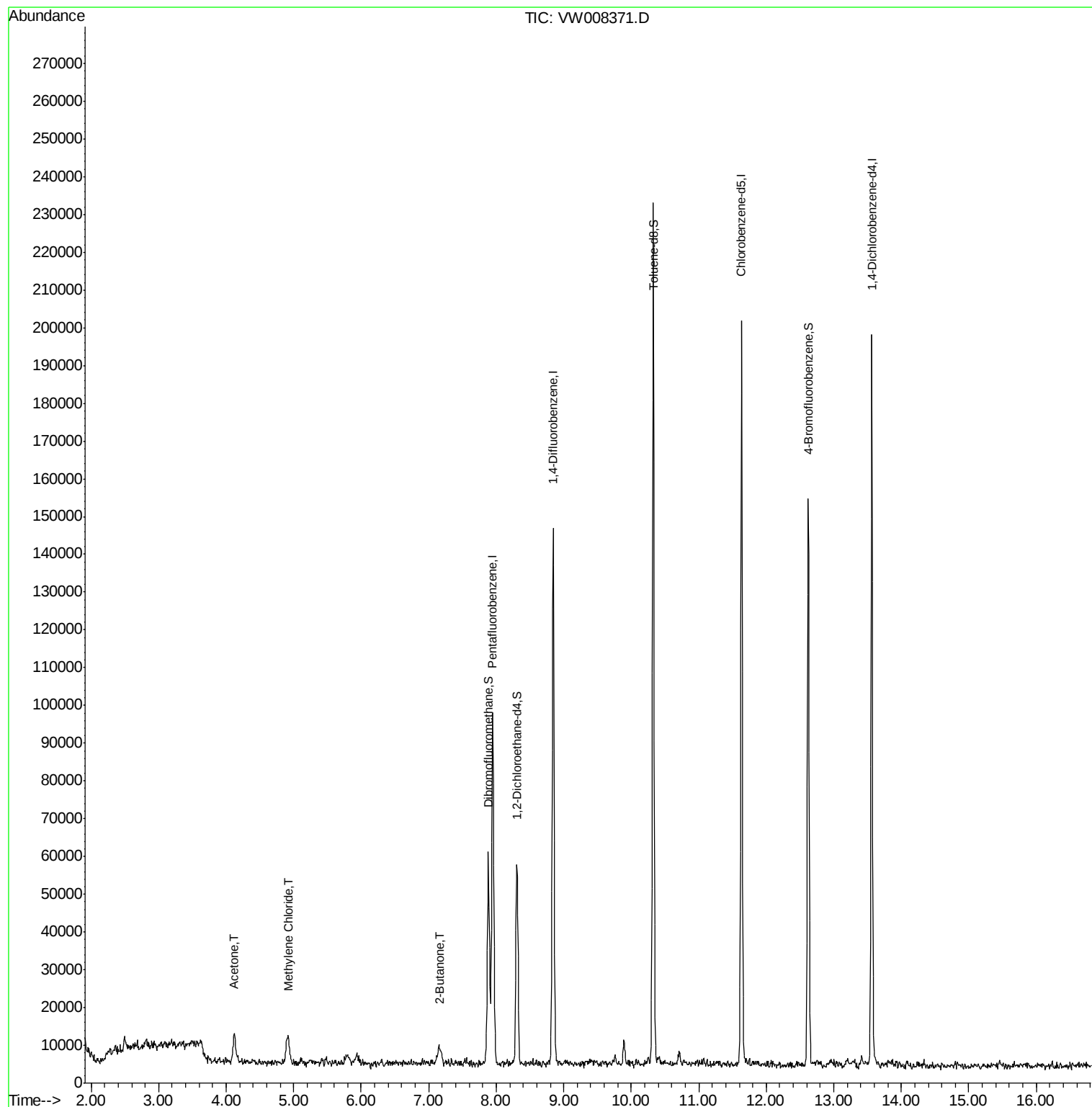
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	67029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	49972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42060	60.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.64%	
35) Dibromofluoromethane	7.88	113	39465	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.32	98	150585	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.62	95	48848	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
Target Compounds						
16) Acetone	4.12	43	14114	87.162	ug/l	92
20) Methylene Chloride	4.92	84	5770	4.447	ug/l	91
25) 2-Butanone	7.17	43	5305	25.579	ug/l	96

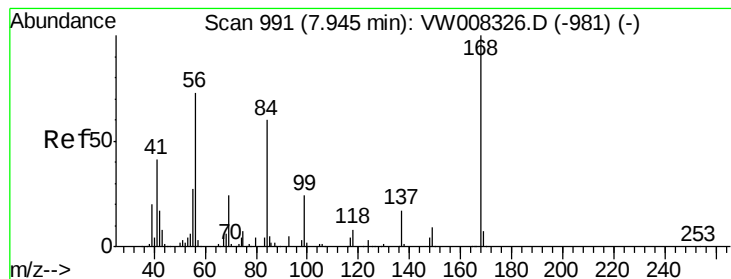
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
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: VW008371.D

Acq: 21 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

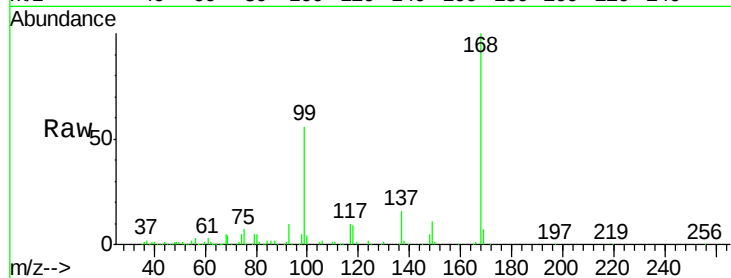
C-2

Tot Ion:168 Resp: 67029

Ion Ratio Lower Upper

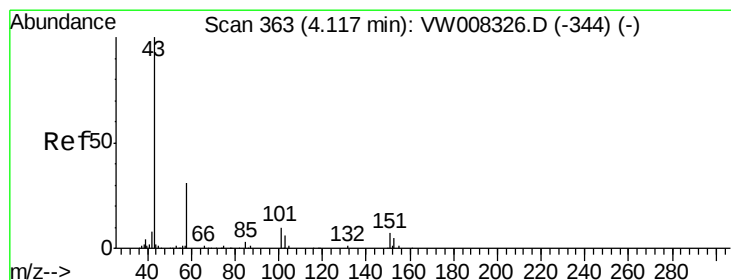
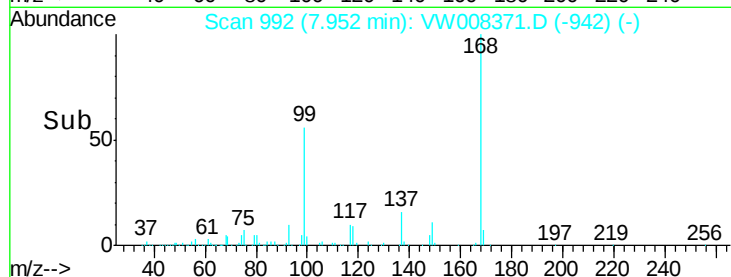
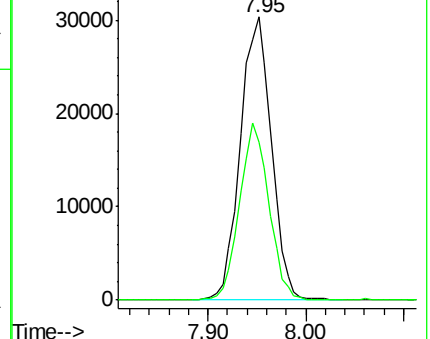
168 100

99 56.0 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 87.162 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008371.D

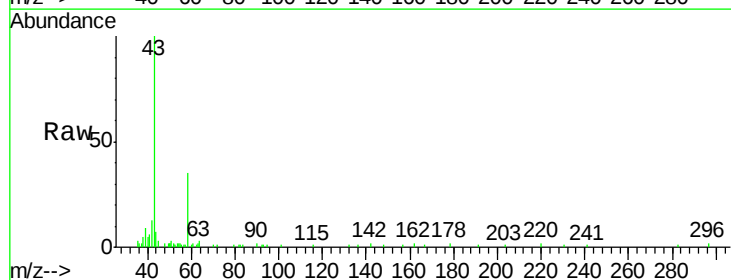
Acq: 21 Jan 2019 13:26

Tgt Ion: 43 Resp: 14114

Ion Ratio Lower Upper

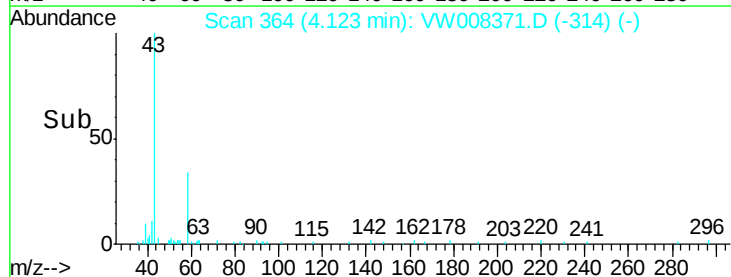
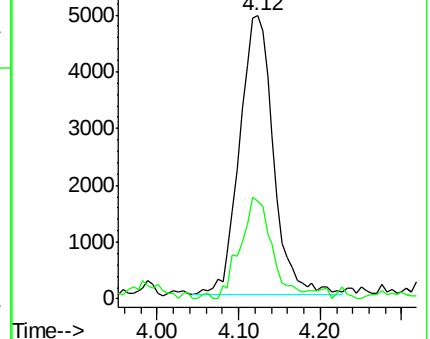
43 100

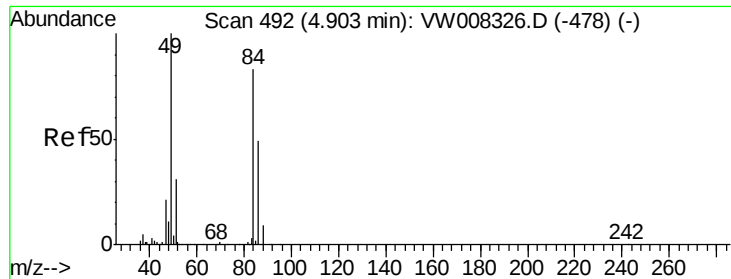
58 35.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

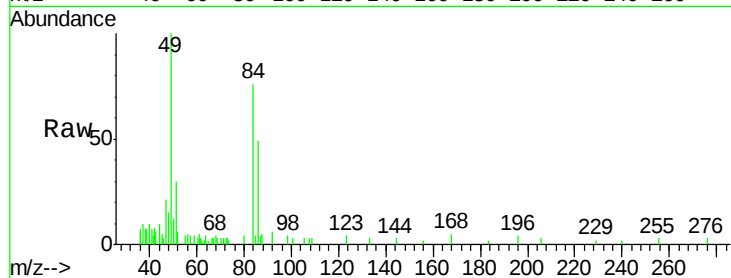




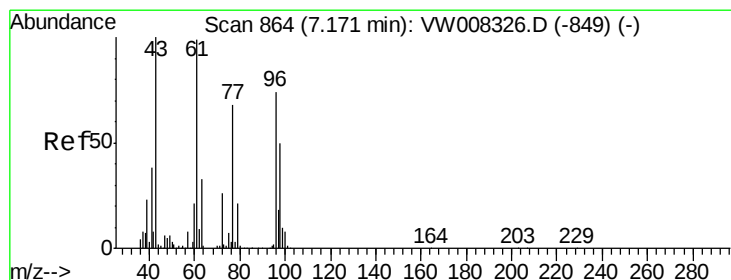
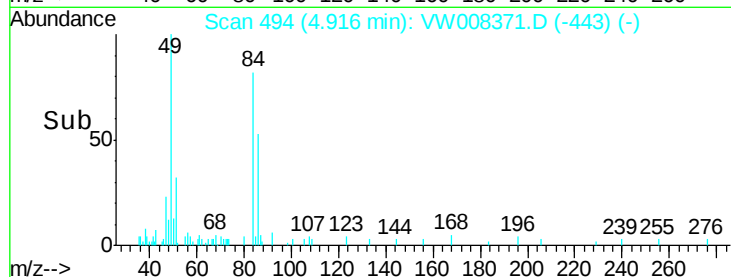
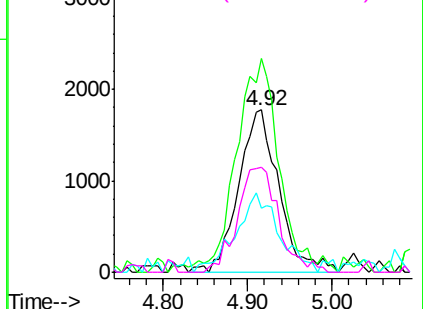
#20
Methvlene Chloride
Concen: 4.447 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008371.D
Acq: 21 Jan 2019 13:26

Instrument :
MSVOA_W
ClientSampled :
C-2

Tot Ion:	84	Resp:	5770
Ion	Ratio	Lower	Upper
84	100		
49	131.8	95.9	143.9
51	39.7	29.3	43.9
86	64.5	47.4	71.2

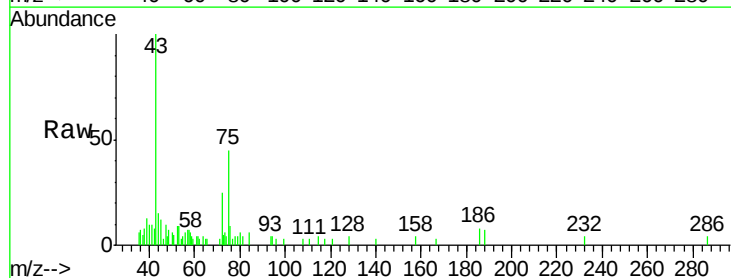


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

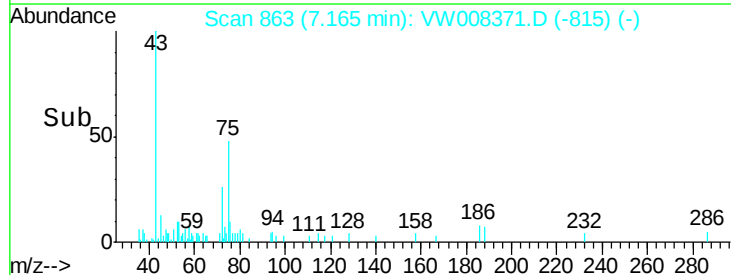
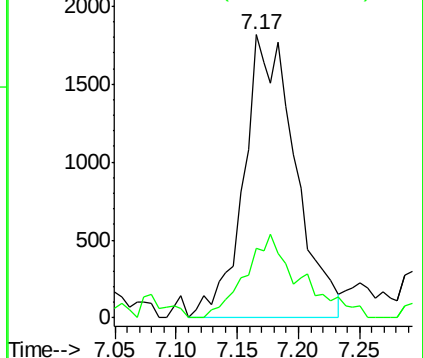


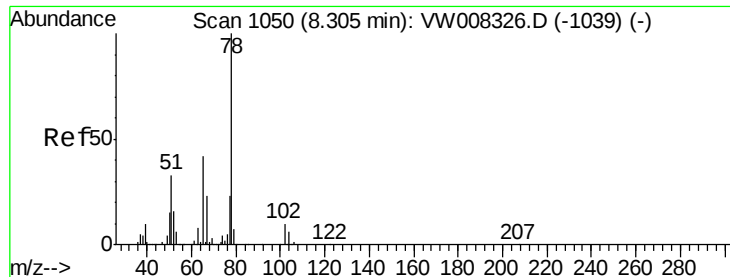
#25
2-Butanone
Concen: 25.579 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008371.D
Acq: 21 Jan 2019 13:26

Tgt Ion:	43	Resp:	5305
Ion	Ratio	Lower	Upper
43	100		
72	24.6	21.2	31.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 60.322 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008371.D

Acq: 21 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampled :

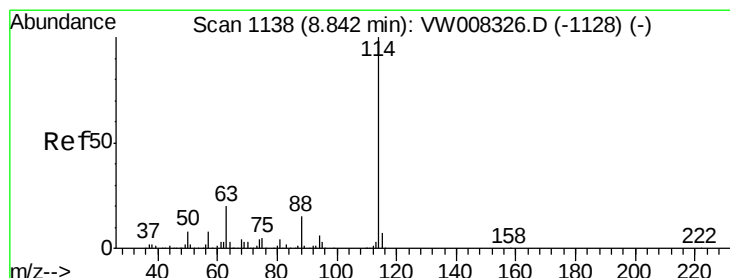
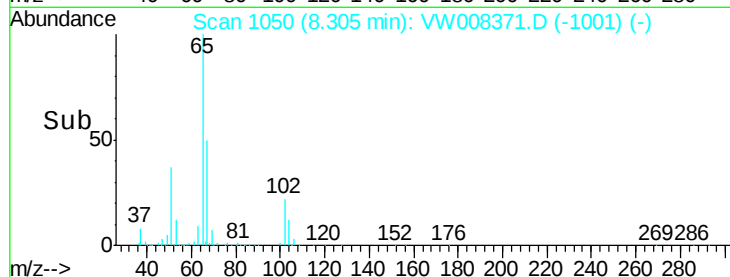
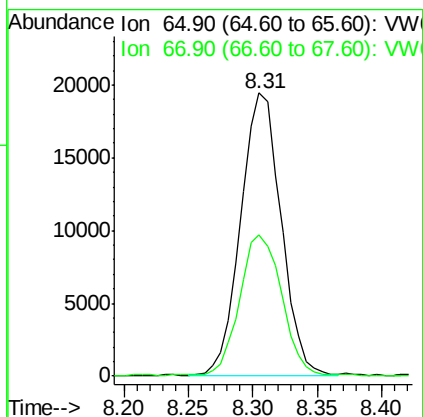
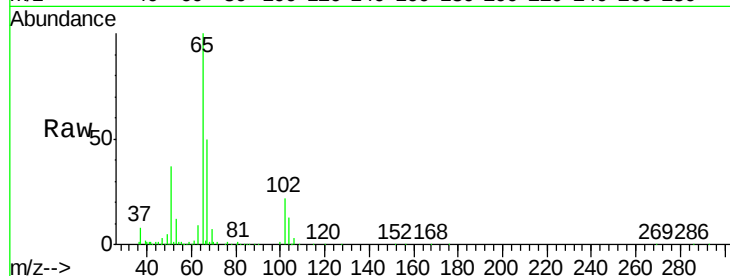
C-2

Tot Ion: 65 Resp: 42060

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008371.D

Acq: 21 Jan 2019 13:26

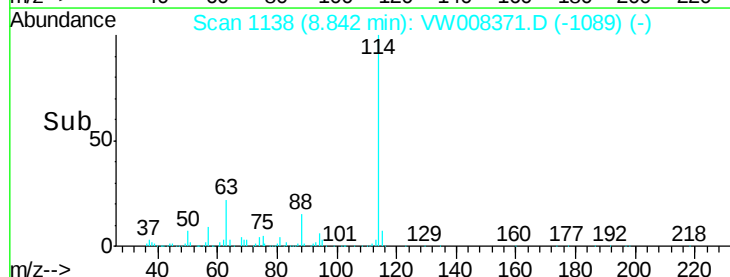
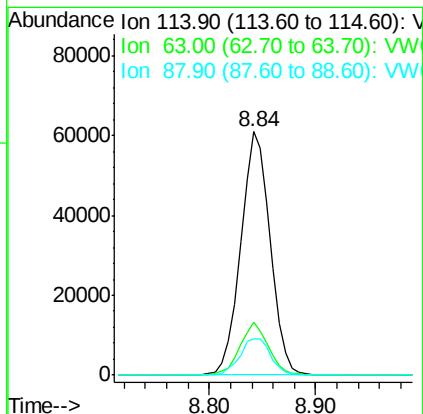
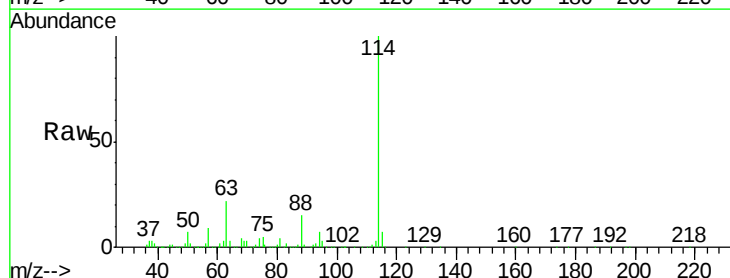
Tgt Ion: 114 Resp: 118288

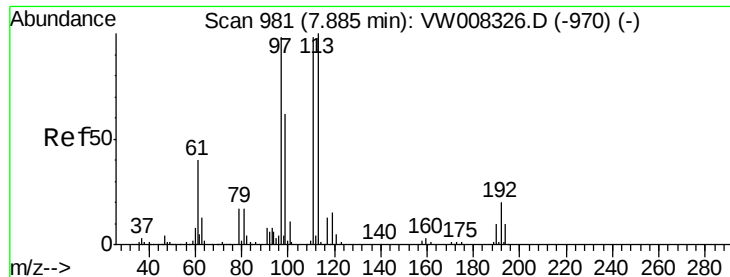
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 14.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.266 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008371.D

Acq: 21 Jan 2019 13:26

Instrument :
MSVOA_W
ClientSampled :
C-2

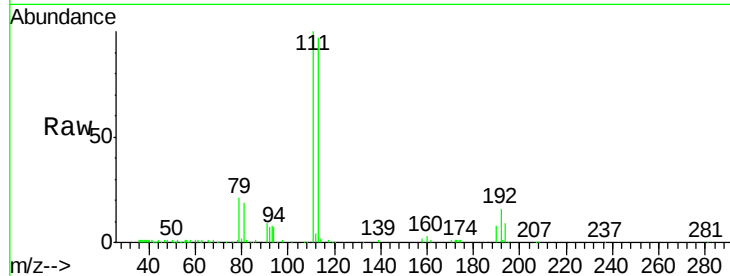
Tot Ion:113 Resp: 39465

Ion Ratio Lower Upper

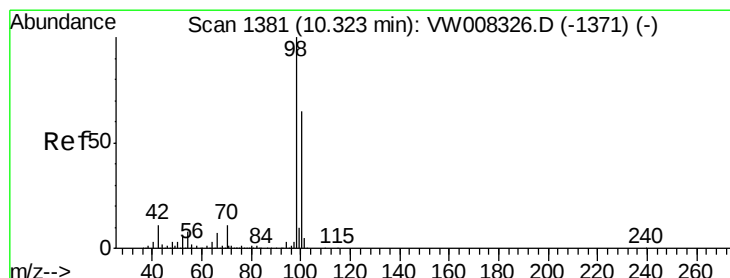
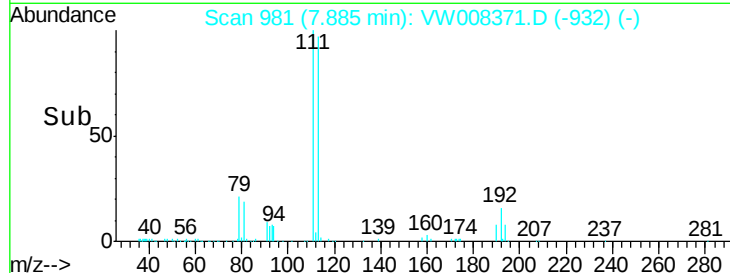
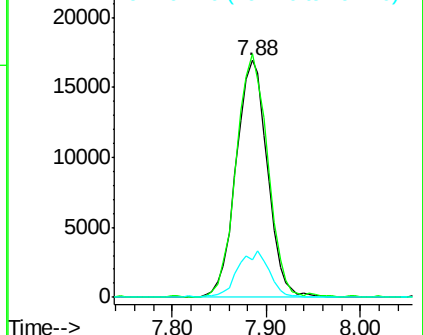
113 100

111 103.8 81.8 122.8

192 19.7 16.3 24.5



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: 50.765 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008371.D

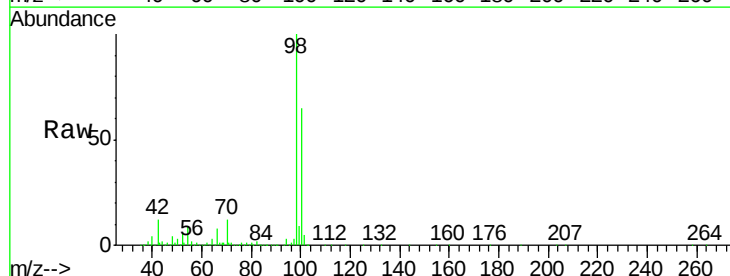
Acq: 21 Jan 2019 13:26

Tgt Ion: 98 Resp: 150585

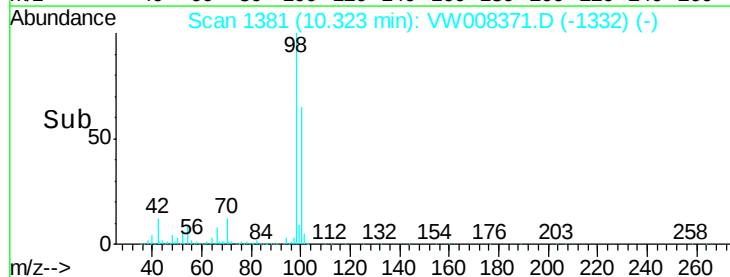
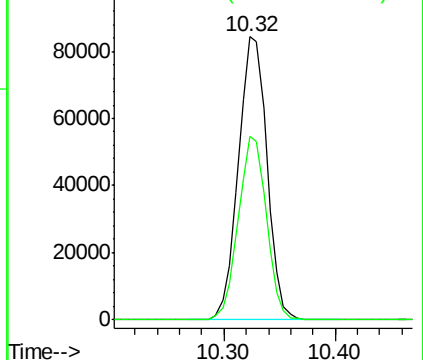
Ion Ratio Lower Upper

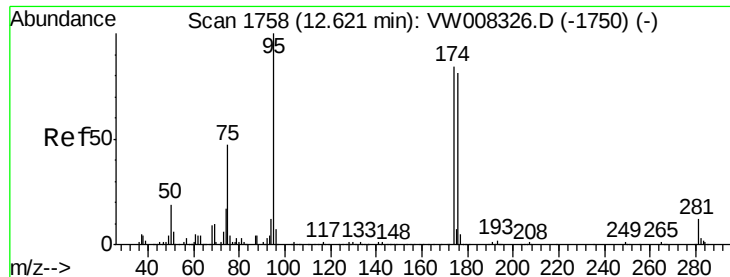
98 100

100 63.8 51.8 77.8



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

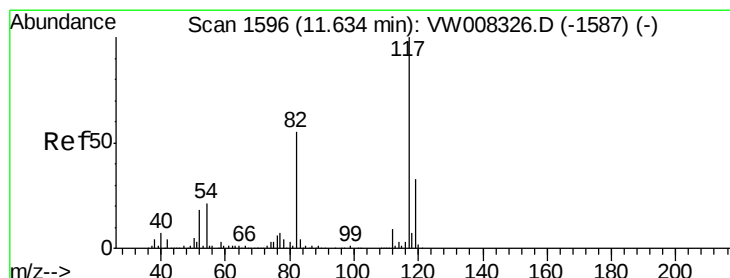
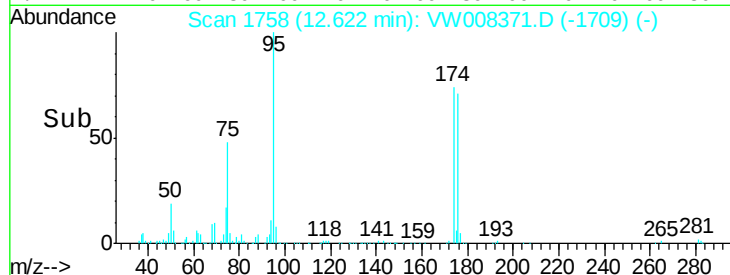
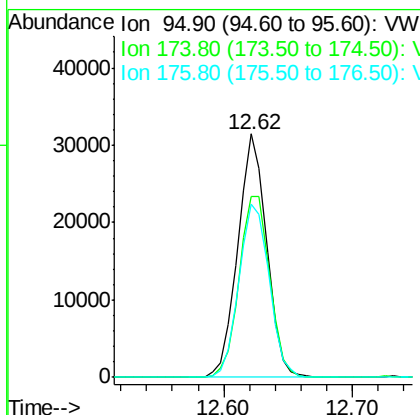
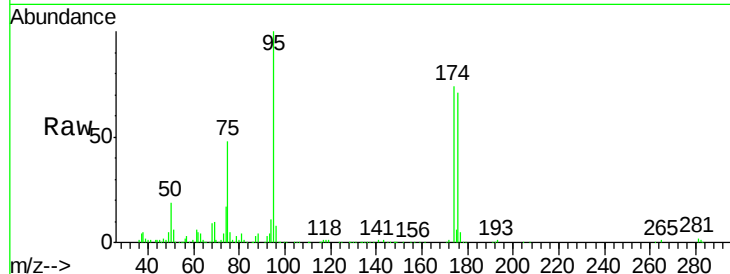




#62
4-Bromofluorobenzene
Concen: 45.915 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008371.D
Acq: 21 Jan 2019 13:26

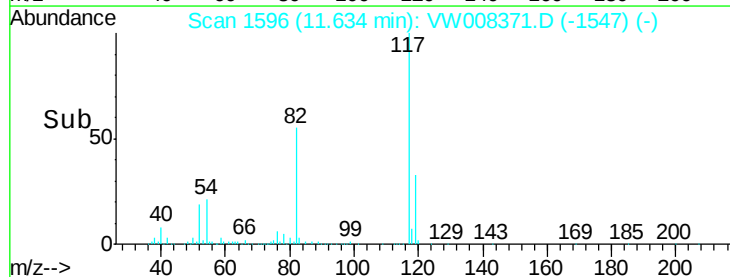
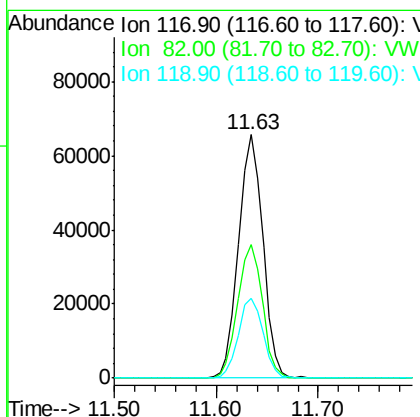
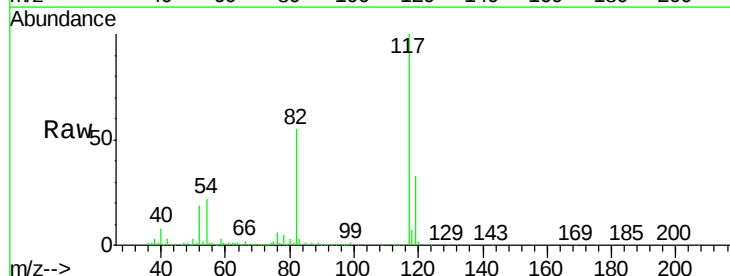
Instrument :
MSVOA_W
ClientSampled :
C-2

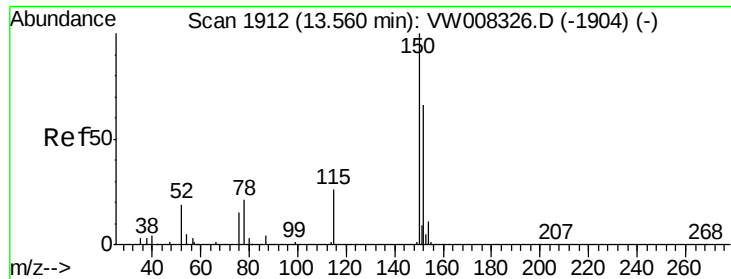
Tot Ion: 95 Resp: 48848
Ion Ratio Lower Upper
95 100
174 78.6 0.0 166.0
176 74.2 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008371.D
Acq: 21 Jan 2019 13:26

Tgt Ion: 117 Resp: 108523
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008371.D

Acq: 21 Jan 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

C-2

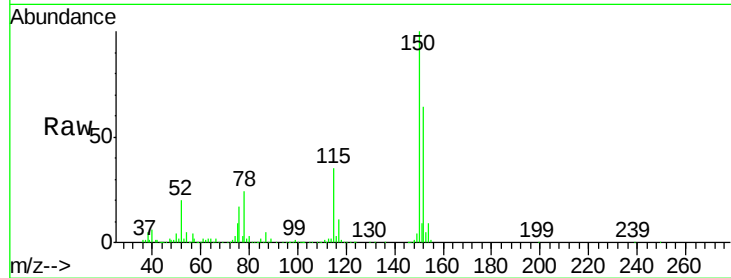
Tot Ion:152 Resp: 49972

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.4

150 158.0 0.0 351.4



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

