

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013387.D
 Acq On : 02 Oct 2019 19:04
 Operator : SY/VA
 Sample : K5127-01
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190772-SS-COMPOSITE-12

Quant Time: Oct 03 07:36:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

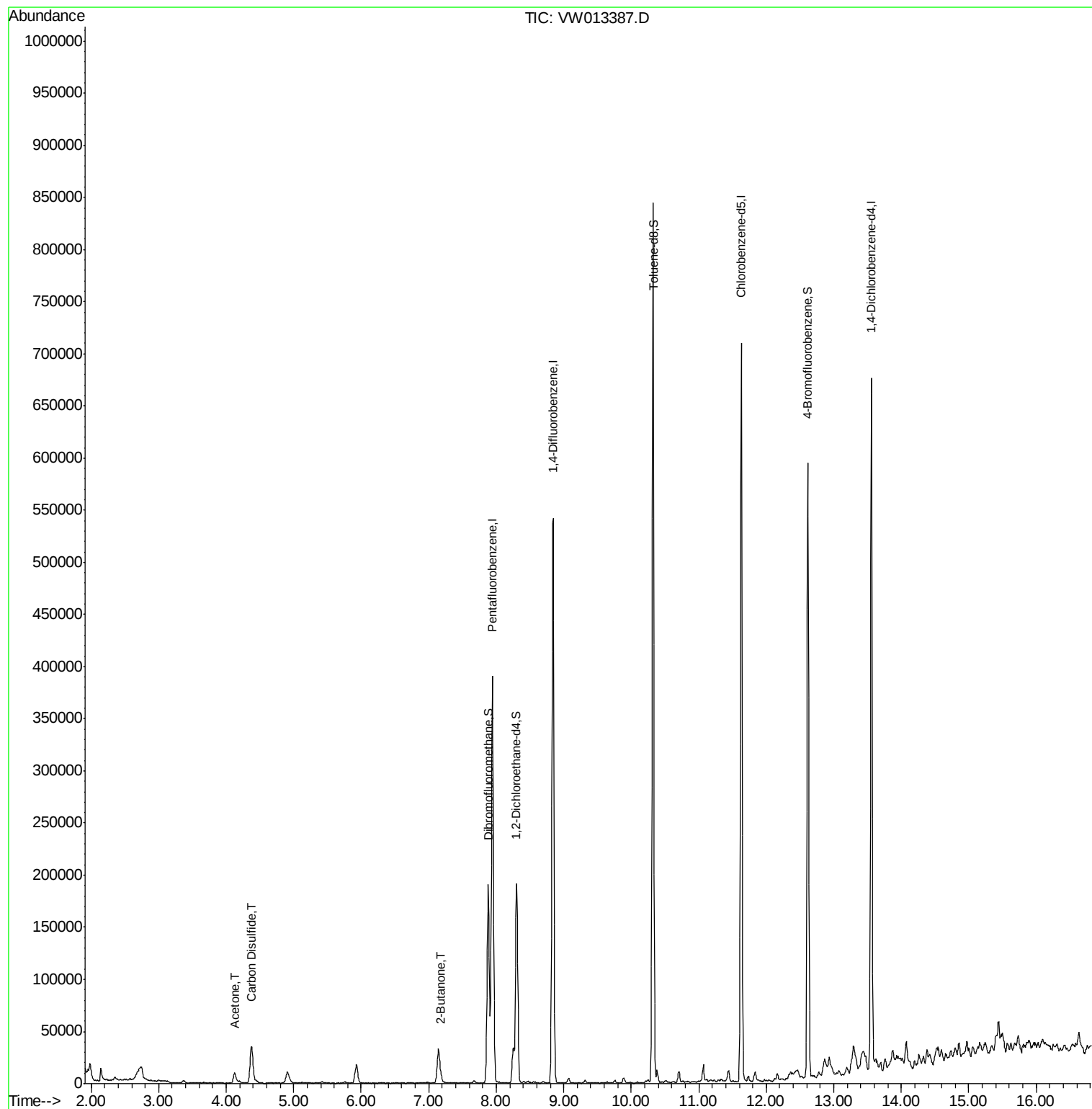
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	326991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	423644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147977	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
35) Dibromofluoromethane	7.88	113	141380	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
50) Toluene-d8	10.32	98	572926	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.62	95	189264	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
Target Compounds						
16) Acetone	4.12	43	18449	24.652	ug/l	97
17) Carbon Disulfide	4.37	76	83747	9.973	ug/l	100
25) 2-Butanone	7.18	43	7641	7.979	ug/l	99

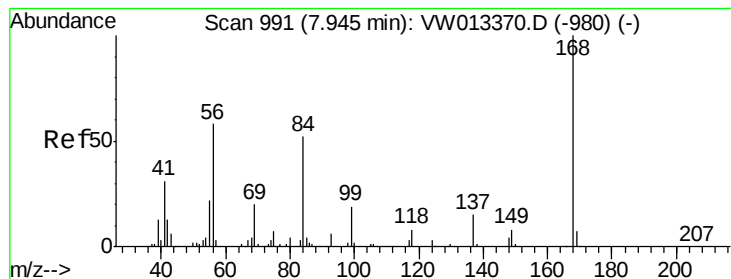
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 02 Oct 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

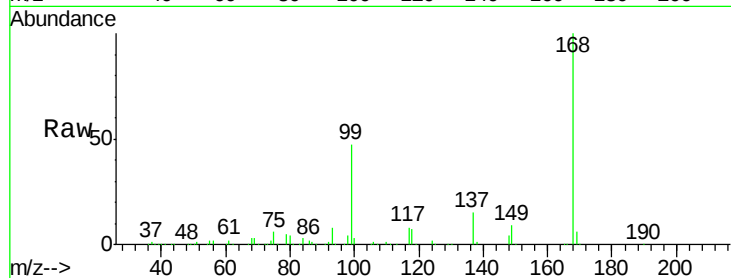
20190772-SS-COMPOSITE-12

Tot Ion:168 Resp: 326991

Ion Ratio Lower Upper

168 100

99 46.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

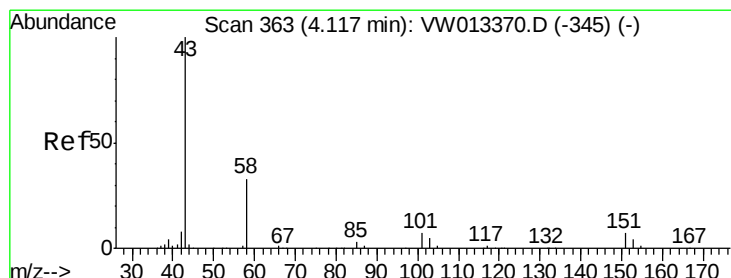
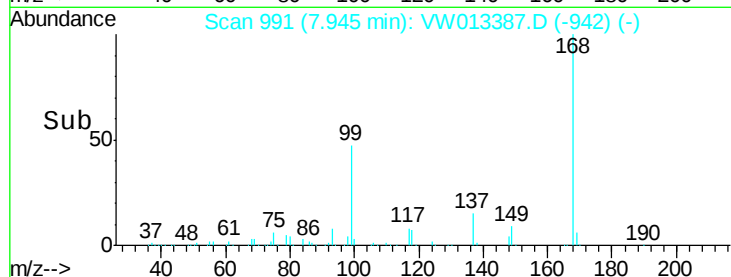
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 24.652 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013387.D

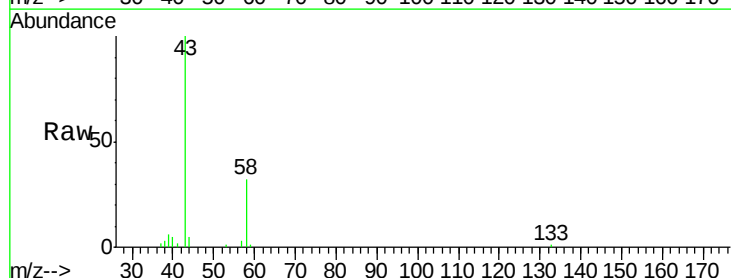
Acq: 02 Oct 2019 19:04

Tgt Ion: 43 Resp: 18449

Ion Ratio Lower Upper

43 100

58 31.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

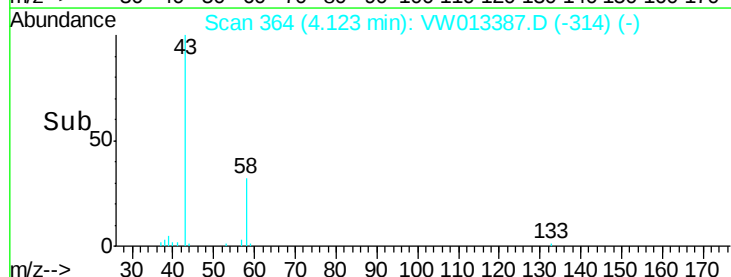
6000

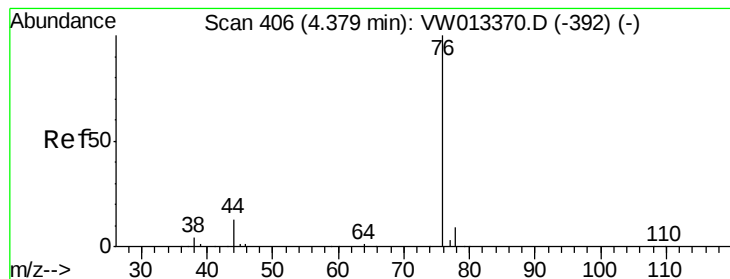
4000

2000

0

Time--> 4.05 4.10 4.15 4.20





#17

Carbon Disulfide

Concen: 9.973 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013387.D

Acq: 02 Oct 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

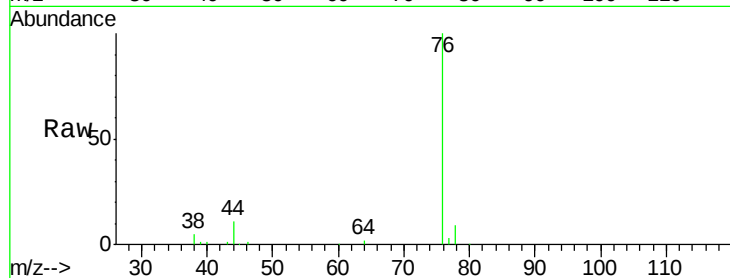
20190772-SS-COMPOSITE-12

Tot Ion: 76 Resp: 83747

Ion Ratio Lower Upper

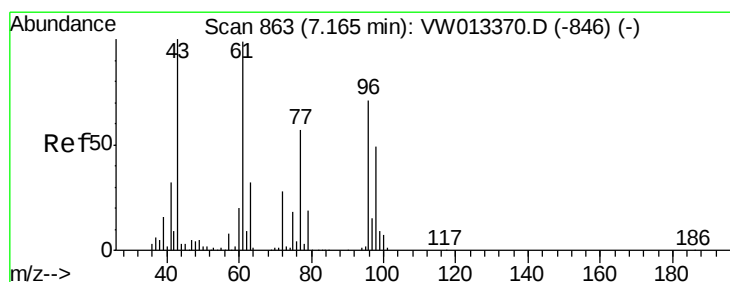
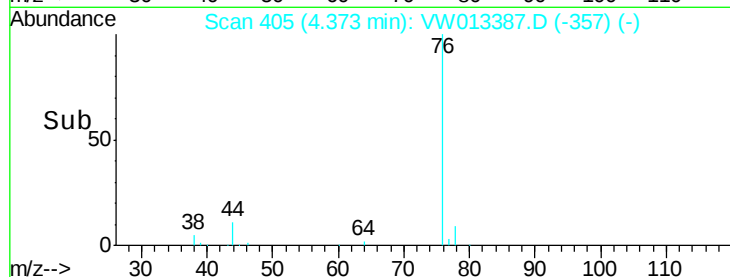
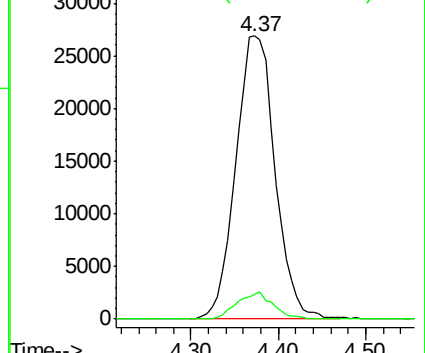
76 100

78 8.6 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 7.979 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013387.D

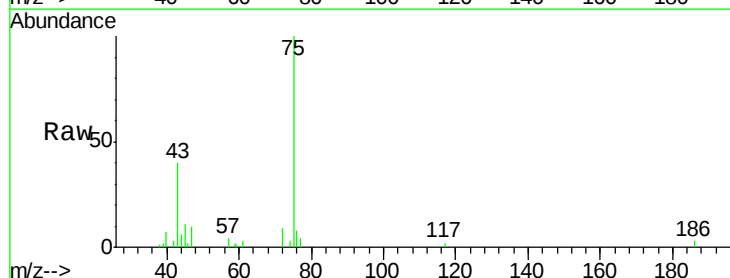
Acq: 02 Oct 2019 19:04

Tgt Ion: 43 Resp: 7641

Ion Ratio Lower Upper

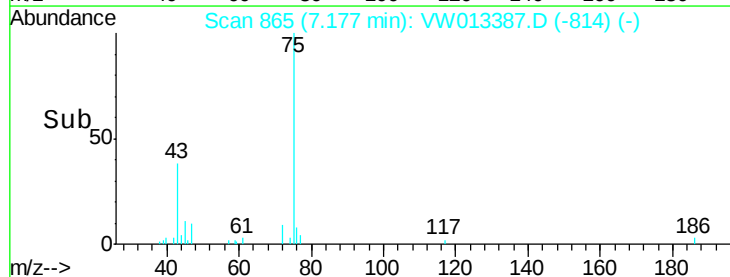
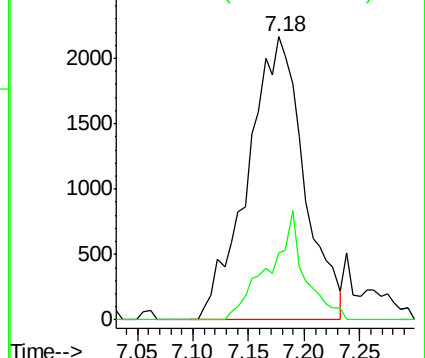
43 100

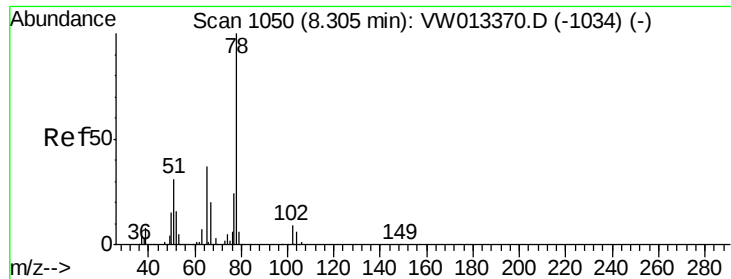
72 23.5 19.4 29.0



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: 60.608 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013387.D

Acq: 02 Oct 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

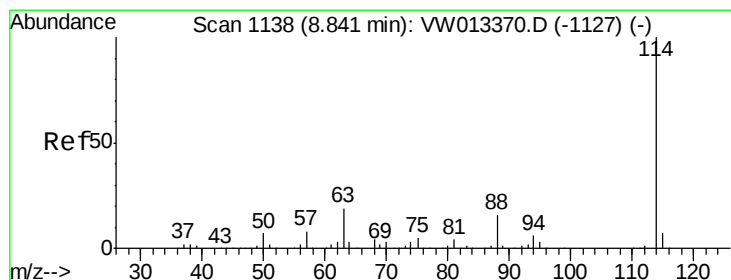
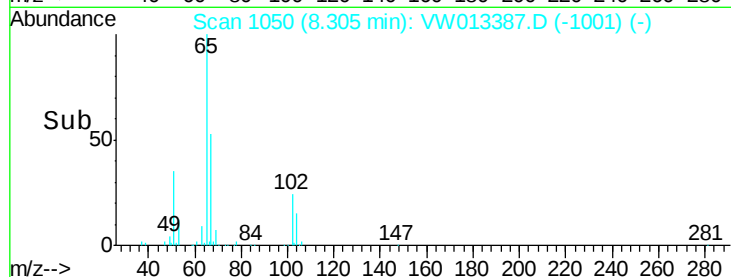
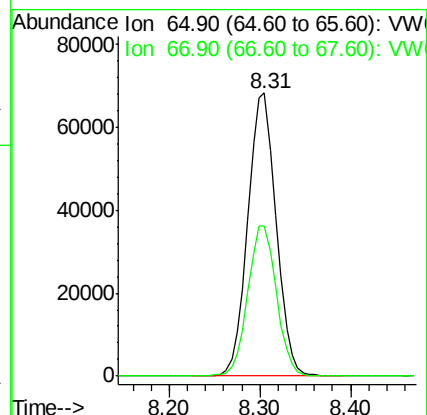
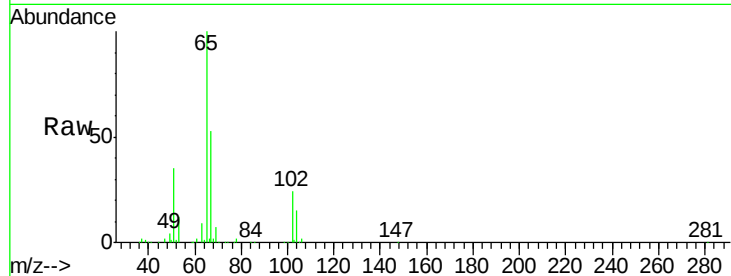
20190772-SS-COMPOSITE-12

Tot Ion: 65 Resp: 147977

Ion Ratio Lower Upper

65 100

67 53.9 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: VW013387.D

Acq: 02 Oct 2019 19:04

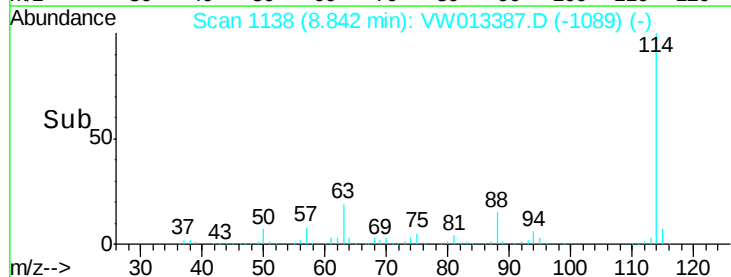
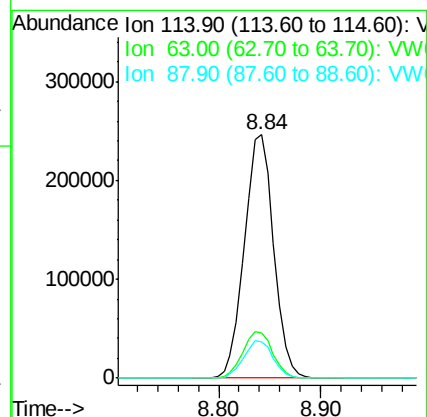
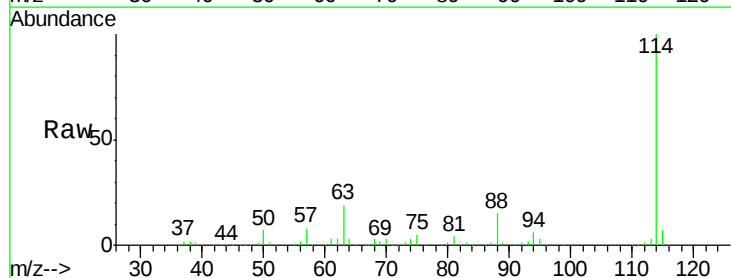
Tgt Ion: 114 Resp: 490728

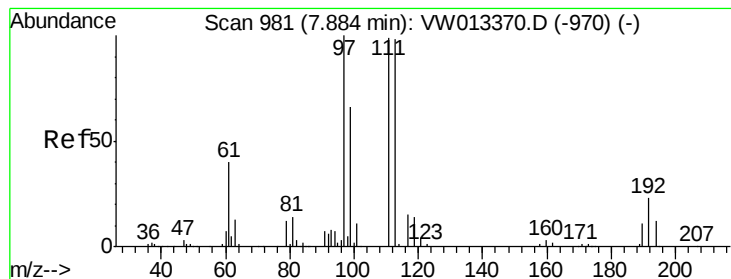
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 54.906 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013387.D

Acq: 02 Oct 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

20190772-SS-COMPOSITE-12

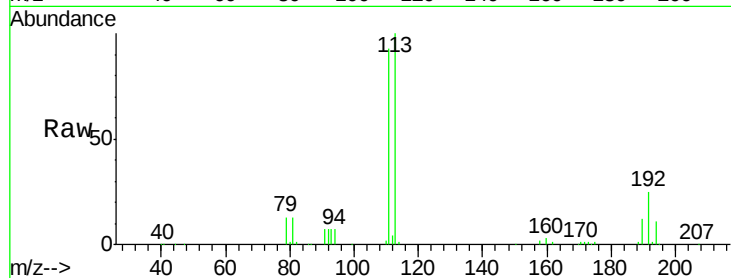
Tot Ion:113 Resp: 141380

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

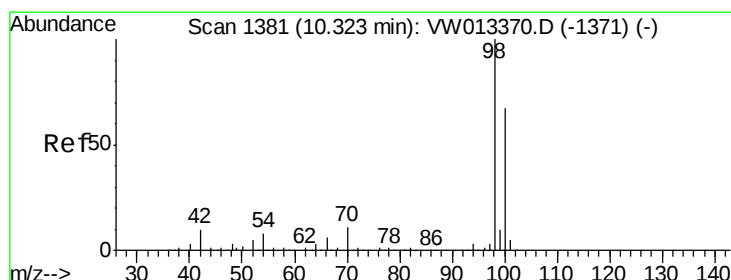
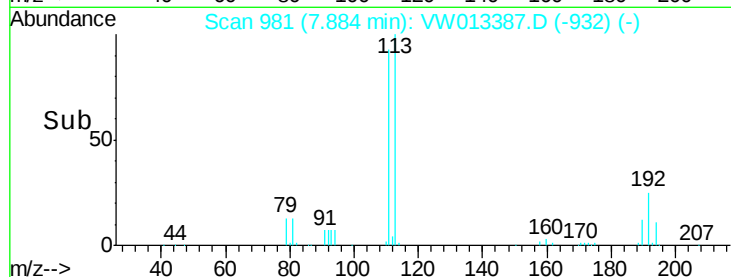
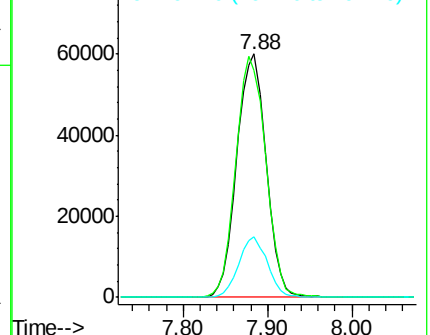
192 24.3 19.1 28.7



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: 53.616 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013387.D

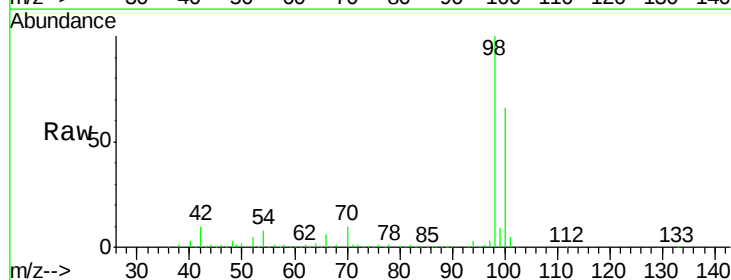
Acq: 02 Oct 2019 19:04

Tgt Ion: 98 Resp: 572926

Ion Ratio Lower Upper

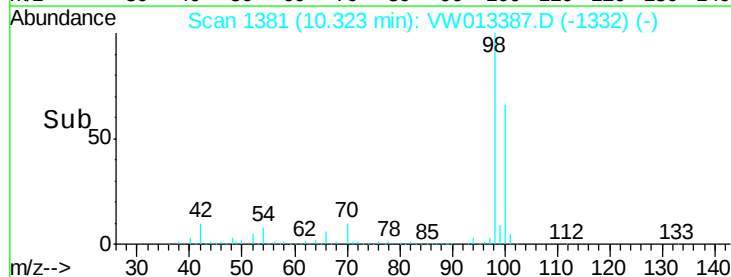
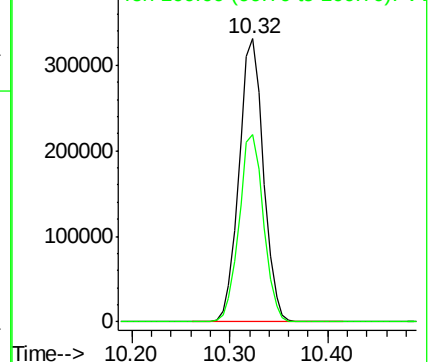
98 100

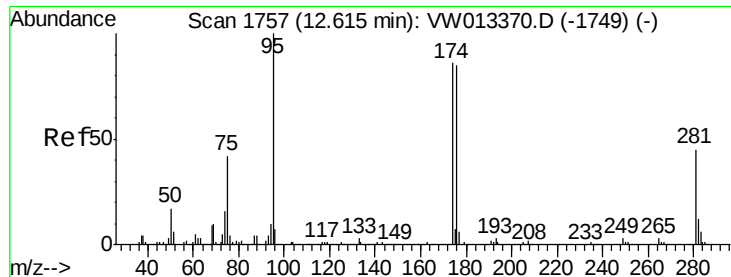
100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

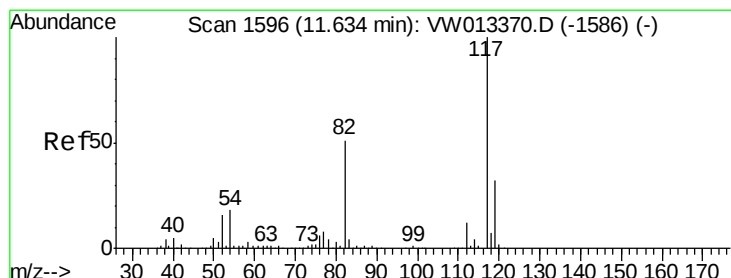
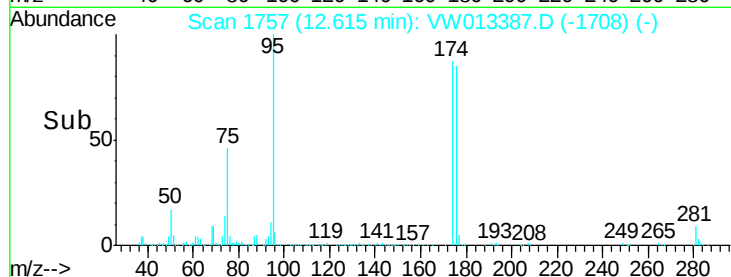
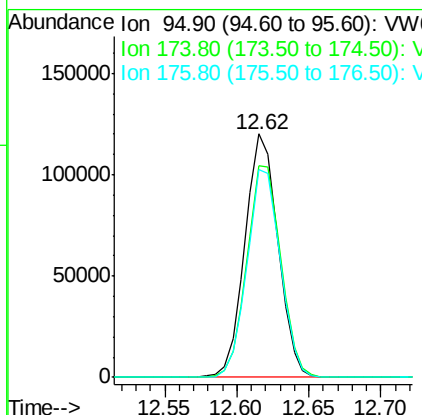
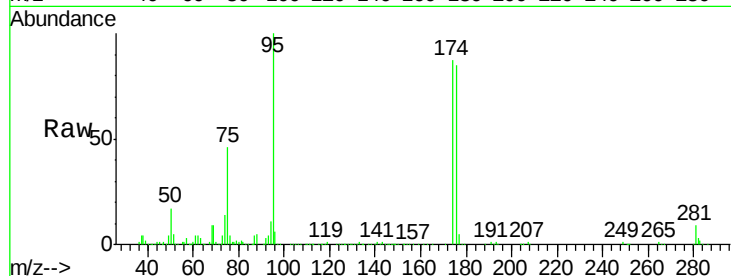




#62
4-Bromofluorobenzene
Concen: 53.040 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013387.D
Acq: 02 Oct 2019 19:04

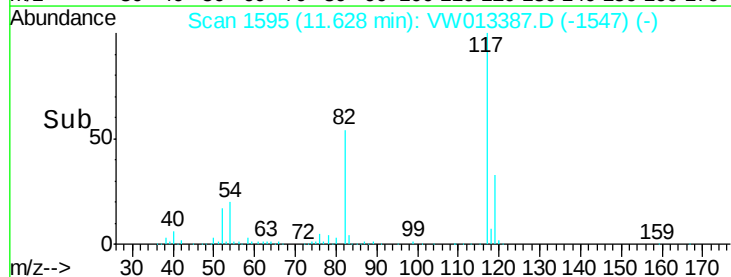
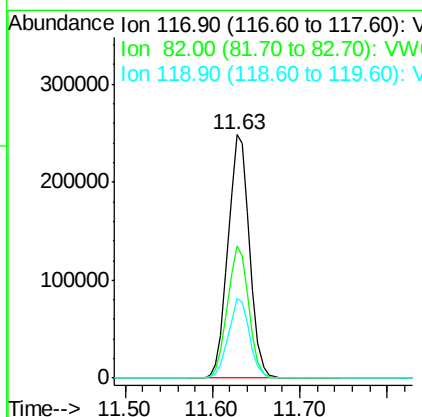
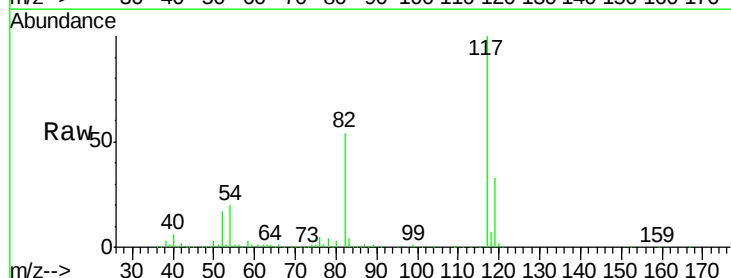
Instrument :
MSVOA_W
ClientSampleId :
20190772-SS-COMPOSITE-12

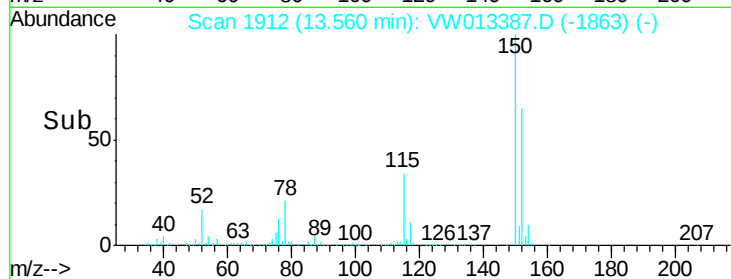
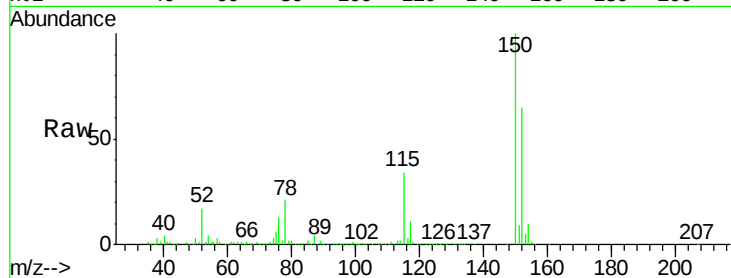
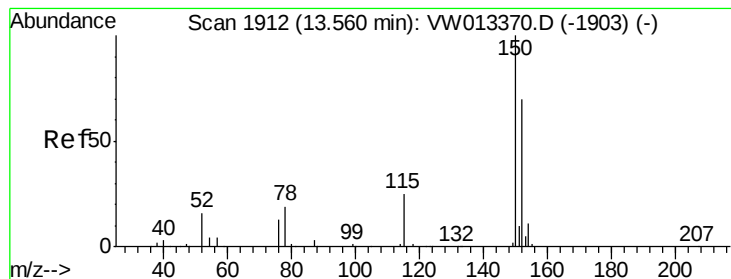
Tot Ion: 95 Resp: 189264
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.4
176 86.6 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013387.D
Acq: 02 Oct 2019 19:04

Tgt Ion: 117 Resp: 423644
Ion Ratio Lower Upper
117 100
82 54.4 45.9 68.9
119 32.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013387.D

Acq: 02 Oct 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

20190772-SS-COMPOSITE-12

Tot Ion:152 Resp: 197280

Ion Ratio Lower Upper

152 100

115 53.5 27.3 81.9

150 152.8 0.0 349.0

