

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013435.D
 Acq On : 04 Oct 2019 13:36
 Operator : SY/VA
 Sample : K5127-01
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 04 15:40:22 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

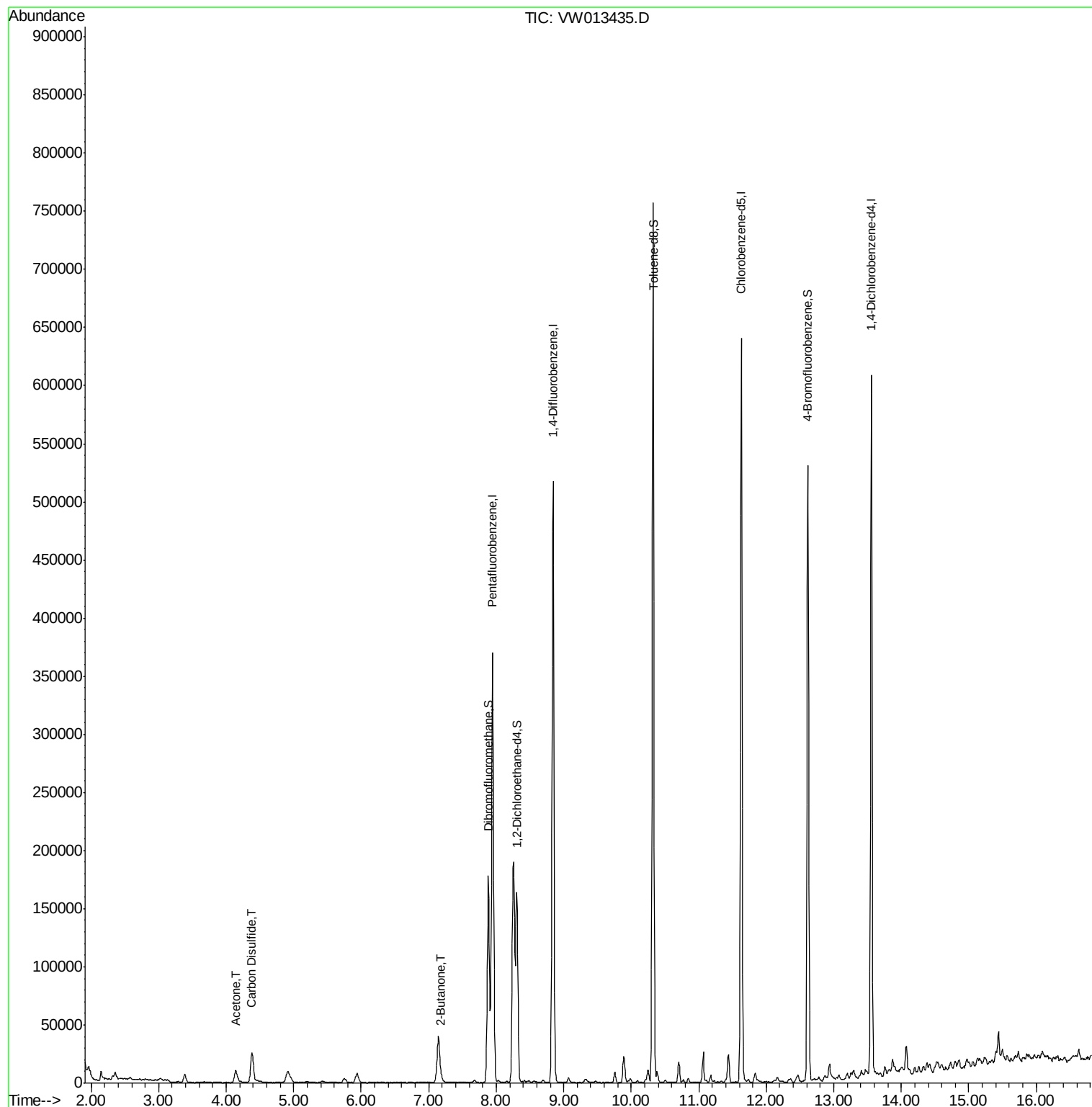
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	458908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127092	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.48%	
35) Dibromofluoromethane	7.88	113	128171	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
50) Toluene-d8	10.32	98	523376	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.62	95	168989	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
Target Compounds						
16) Acetone	4.15	43	21094	30.181	ug/l	98
17) Carbon Disulfide	4.38	76	59231	7.553	ug/l	99
25) 2-Butanone	7.18	43	7136	7.979	ug/l	96

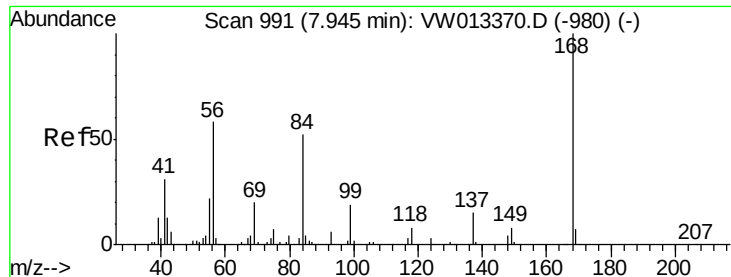
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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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MSVOA_W

ClientSampleId :

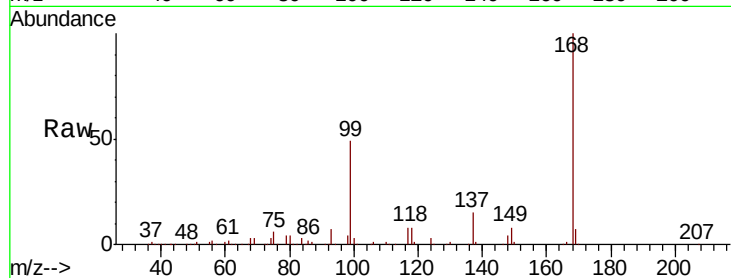
20190772-SS-COMPOSITE-12

Tot Ion:168 Resp: 305380

Ion Ratio Lower Upper

168 100

99 49.3 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

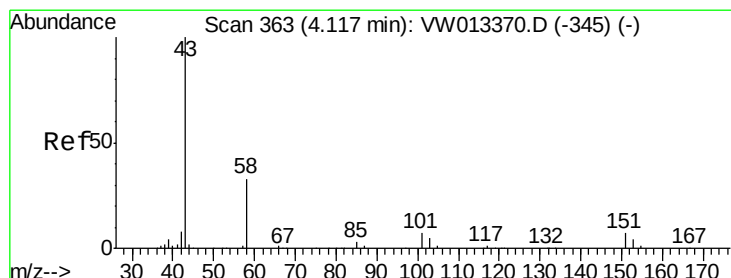
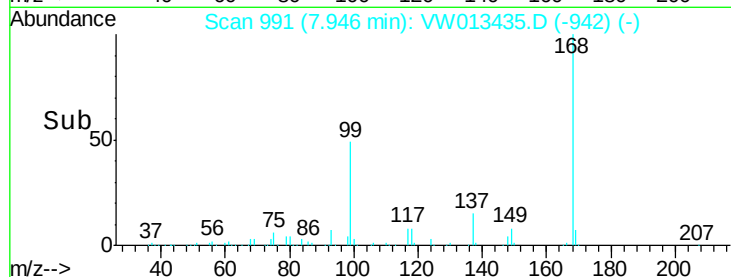
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 30.181 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW013435.D

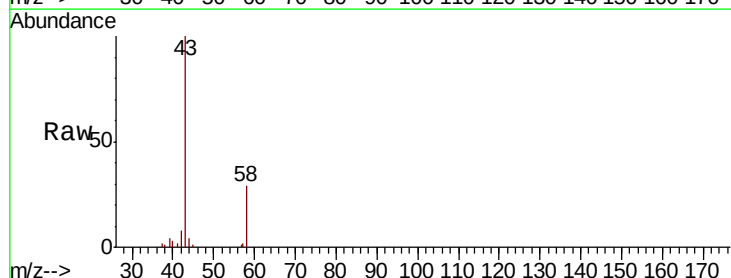
Acq: 04 Oct 2019 13:36

Tgt Ion: 43 Resp: 21094

Ion Ratio Lower Upper

43 100

58 29.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

6000

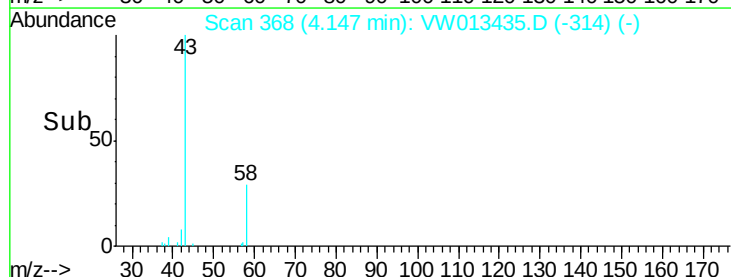
4000

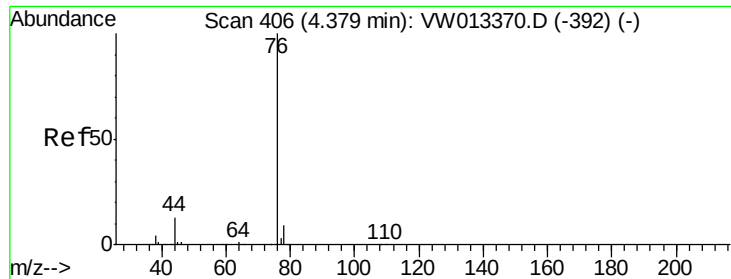
2000

0

4.00 4.10 4.20 4.30

Time-->

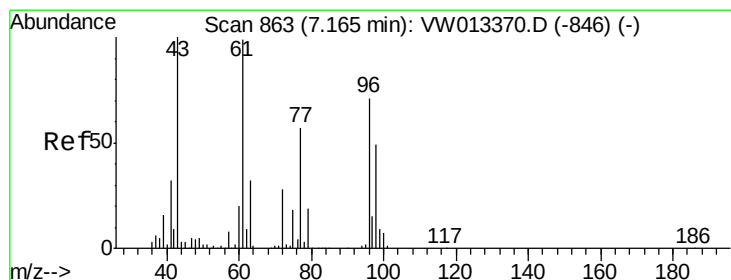
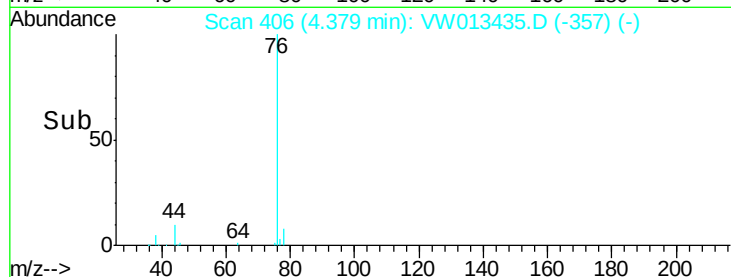
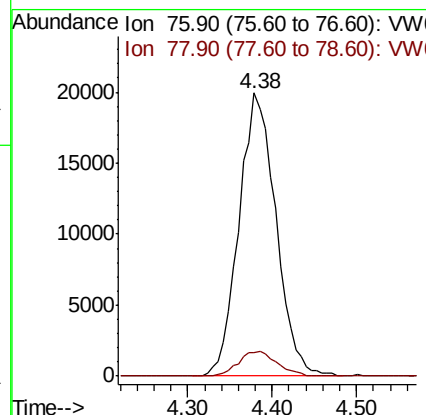
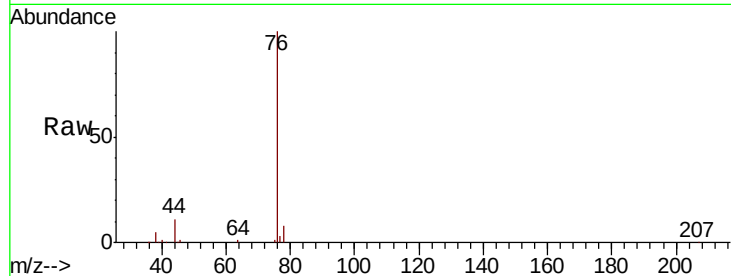




#17
Carbon Disulfide
Concen: 7.553 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013435.D
Acq: 04 Oct 2019 13:36

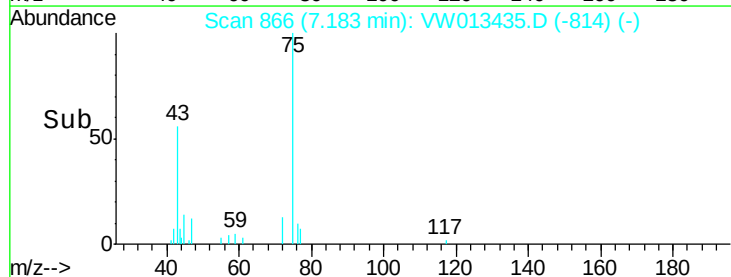
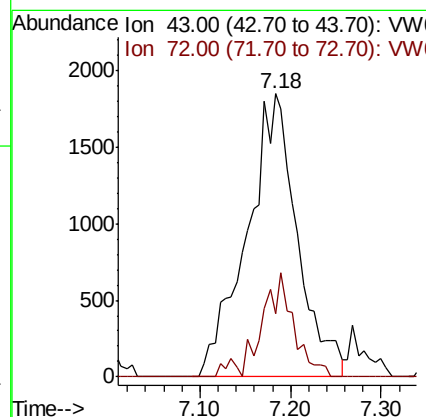
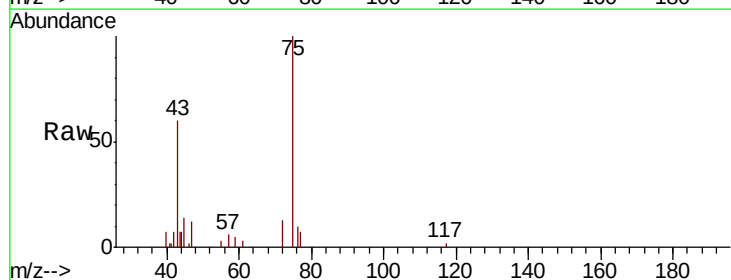
Instrument :
MSVOA_W
ClientSampleId :
20190772-SS-COMPOSITE-12

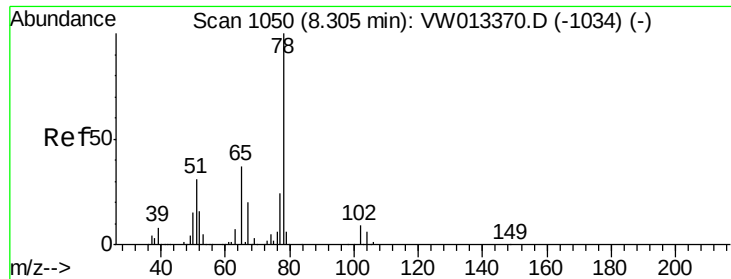
Tot Ion: 76 Resp: 59231
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#25
2-Butanone
Concen: 7.979 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.02 min
Lab File: VW013435.D
Acq: 04 Oct 2019 13:36

Tgt Ion: 43 Resp: 7136
Ion Ratio Lower Upper
43 100
72 22.4 19.4 29.0

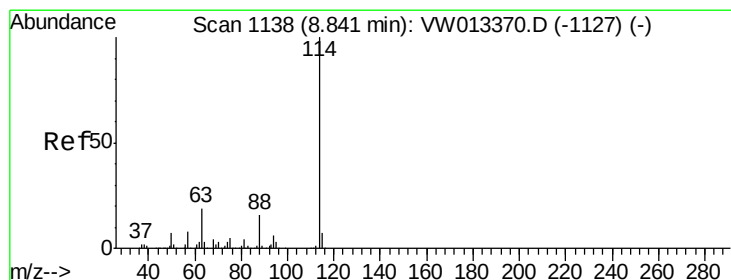
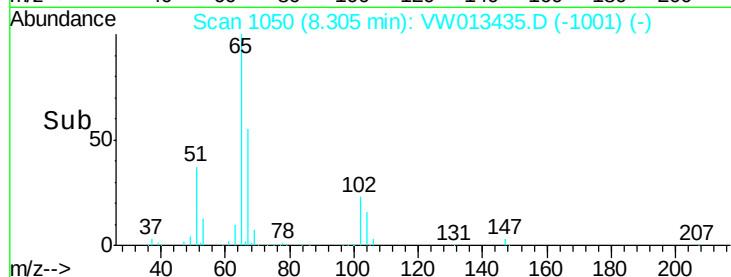
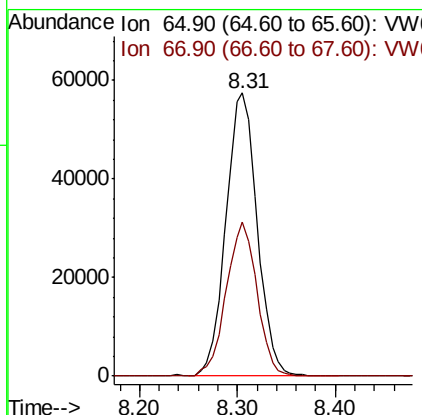
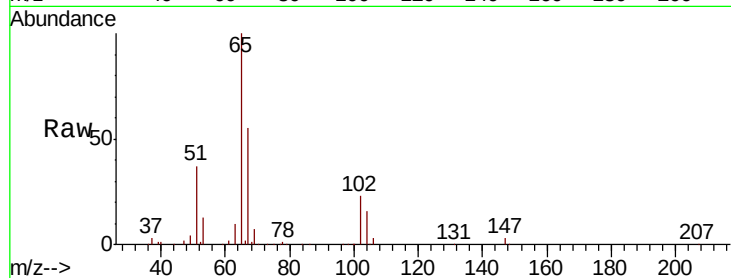




#33
 1,2-Dichloroethane-d4
 Concen: 55.738 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013435.D
 Acq: 04 Oct 2019 13:36

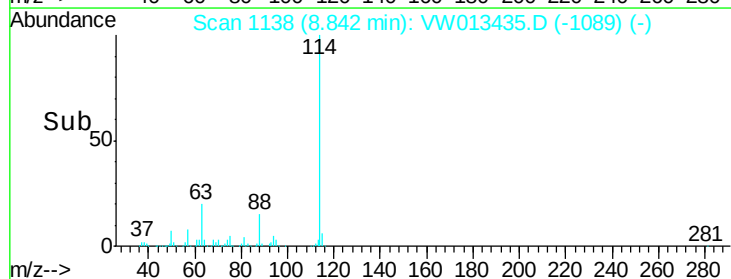
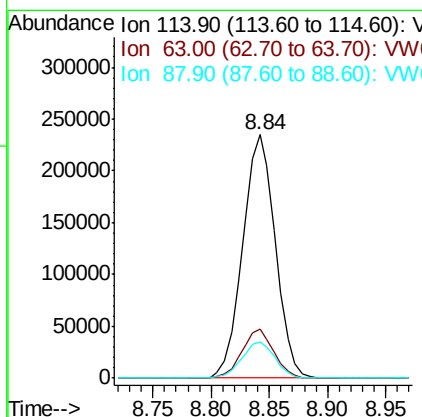
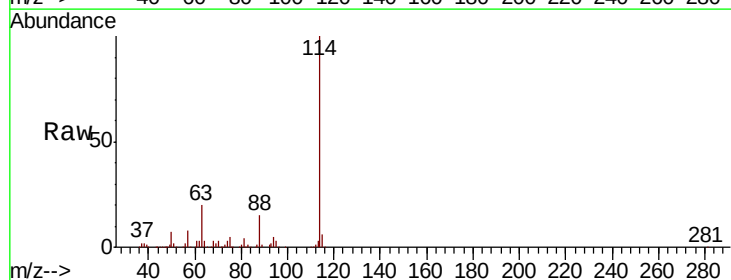
Instrument :
 MSVOA_W
 ClientSampleId :
 20190772-SS-COMPOSITE-12

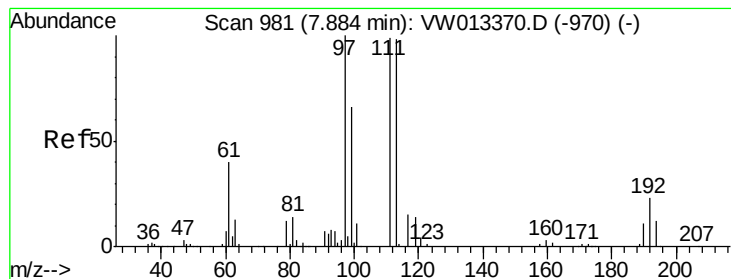
Tot Ion: 65 Resp: 127092
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013435.D
 Acq: 04 Oct 2019 13:36

Tgt Ion: 114 Resp: 458908
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 14.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.227 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013435.D

Acq: 04 Oct 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

20190772-SS-COMPOSITE-12

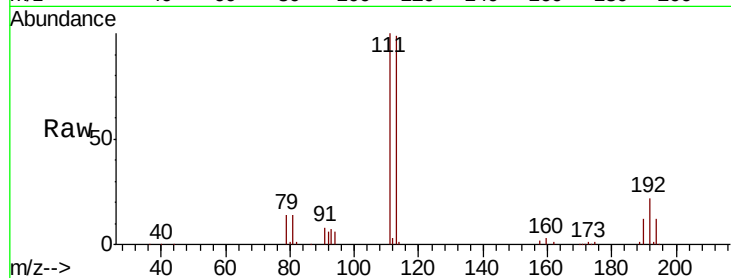
Tot Ion:113 Resp: 128171

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

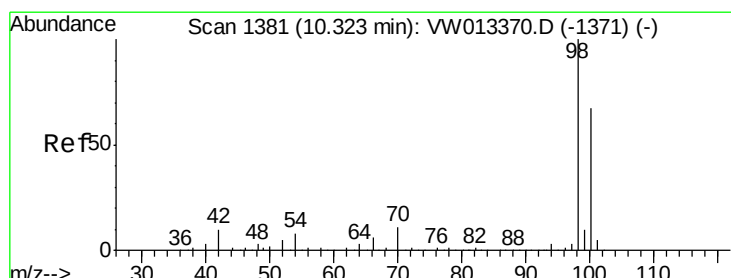
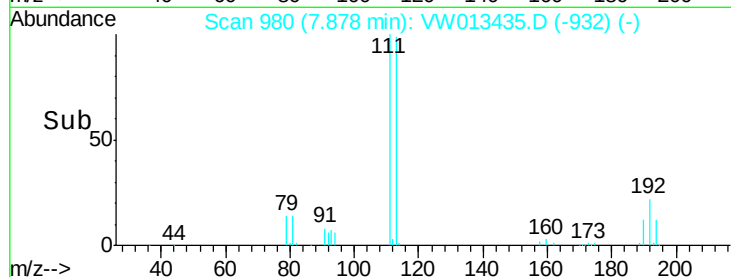
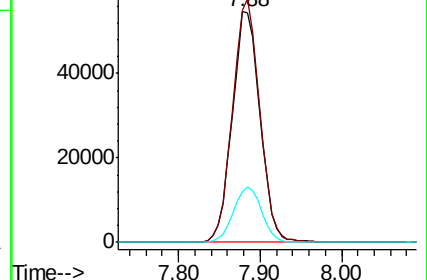
192 24.2 19.1 28.7



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: 52.376 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013435.D

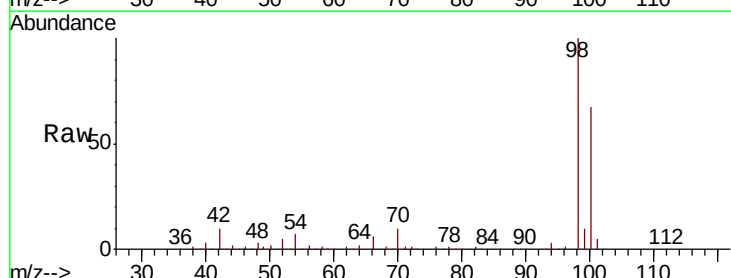
Acq: 04 Oct 2019 13:36

Tgt Ion: 98 Resp: 523376

Ion Ratio Lower Upper

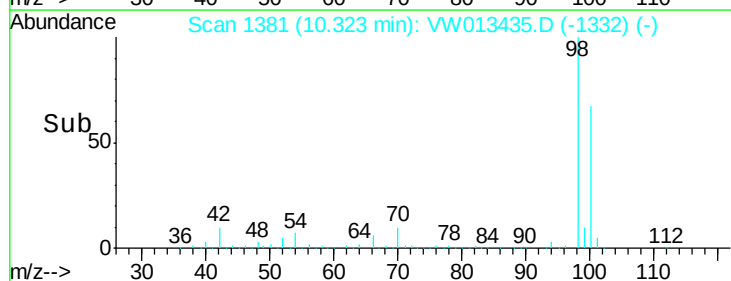
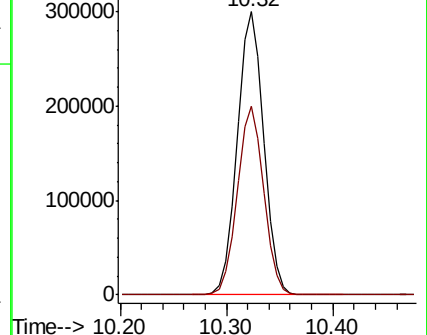
98 100

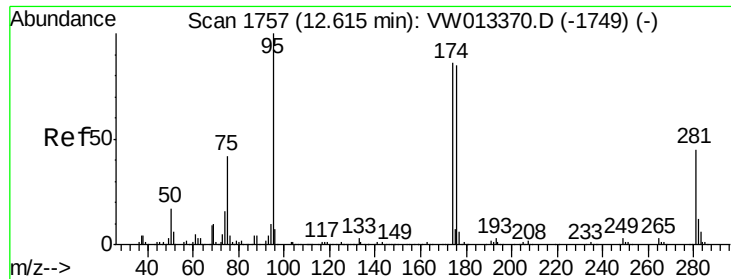
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

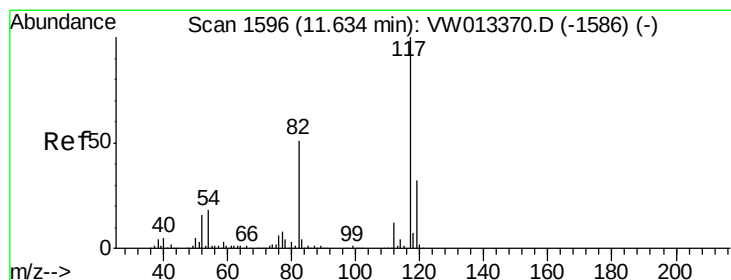
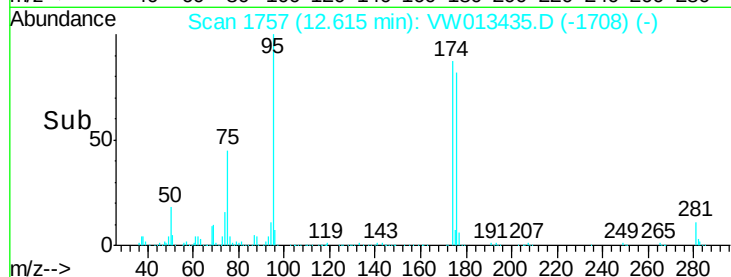
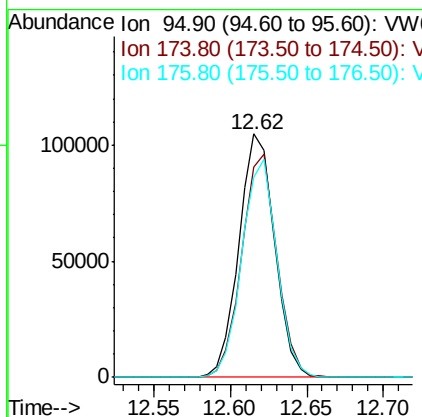
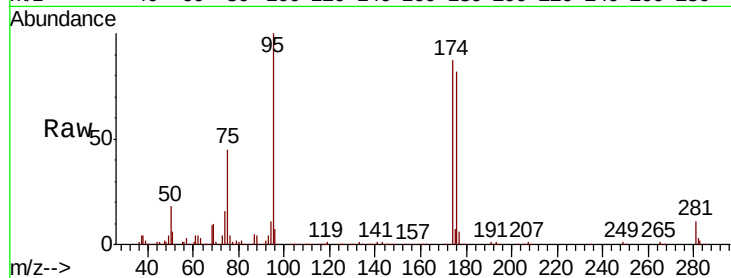




#62
4-Bromofluorobenzene
Concen: 50.642 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013435.D
Acq: 04 Oct 2019 13:36

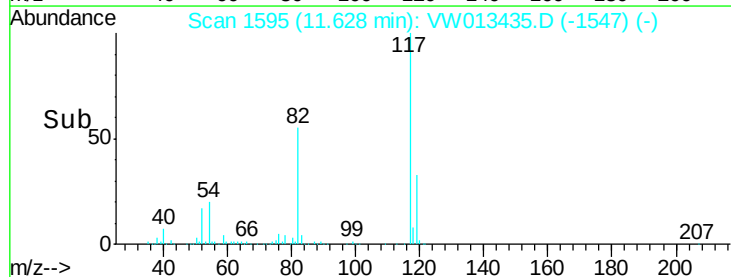
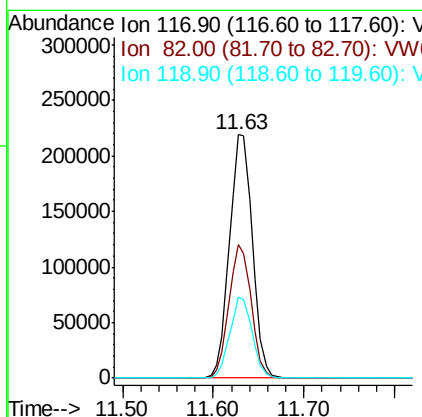
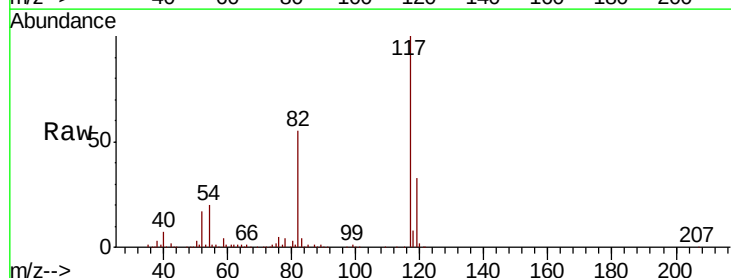
Instrument :
MSVOA_W
ClientSampleId :
20190772-SS-COMPOSITE-12

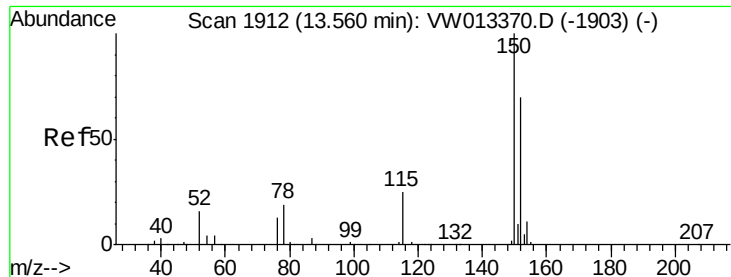
Tot Ion	95	Resp	168989
Ion Ratio	Lower	Upper	
95	100		
174	90.8	0.0	178.4
176	88.6	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013435.D
Acq: 04 Oct 2019 13:36

Tgt Ion	117	Resp	384078
Ion Ratio	Lower	Upper	
117	100		
82	54.9	45.9	68.9
119	33.3	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: VW013435.D

Acq: 04 Oct 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

20190772-SS-COMPOSITE-12

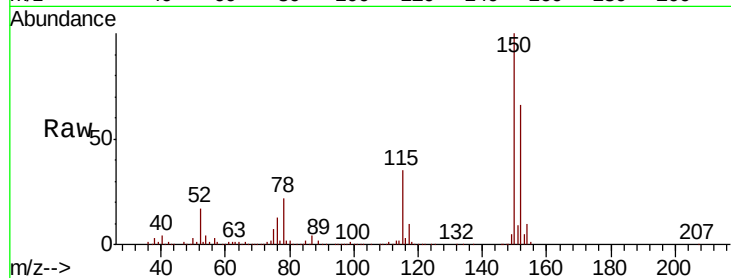
Tot Ion:152 Resp: 176213

Ion Ratio Lower Upper

152 100

115 54.5 27.3 81.9

150 154.9 0.0 349.0



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

