

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013475.D
 Acq On : 07 Oct 2019 20:21
 Operator : SY/VA
 Sample : K5147-01
 Misc : 4.54G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-100719

Quant Time: Oct 08 11:00:51 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

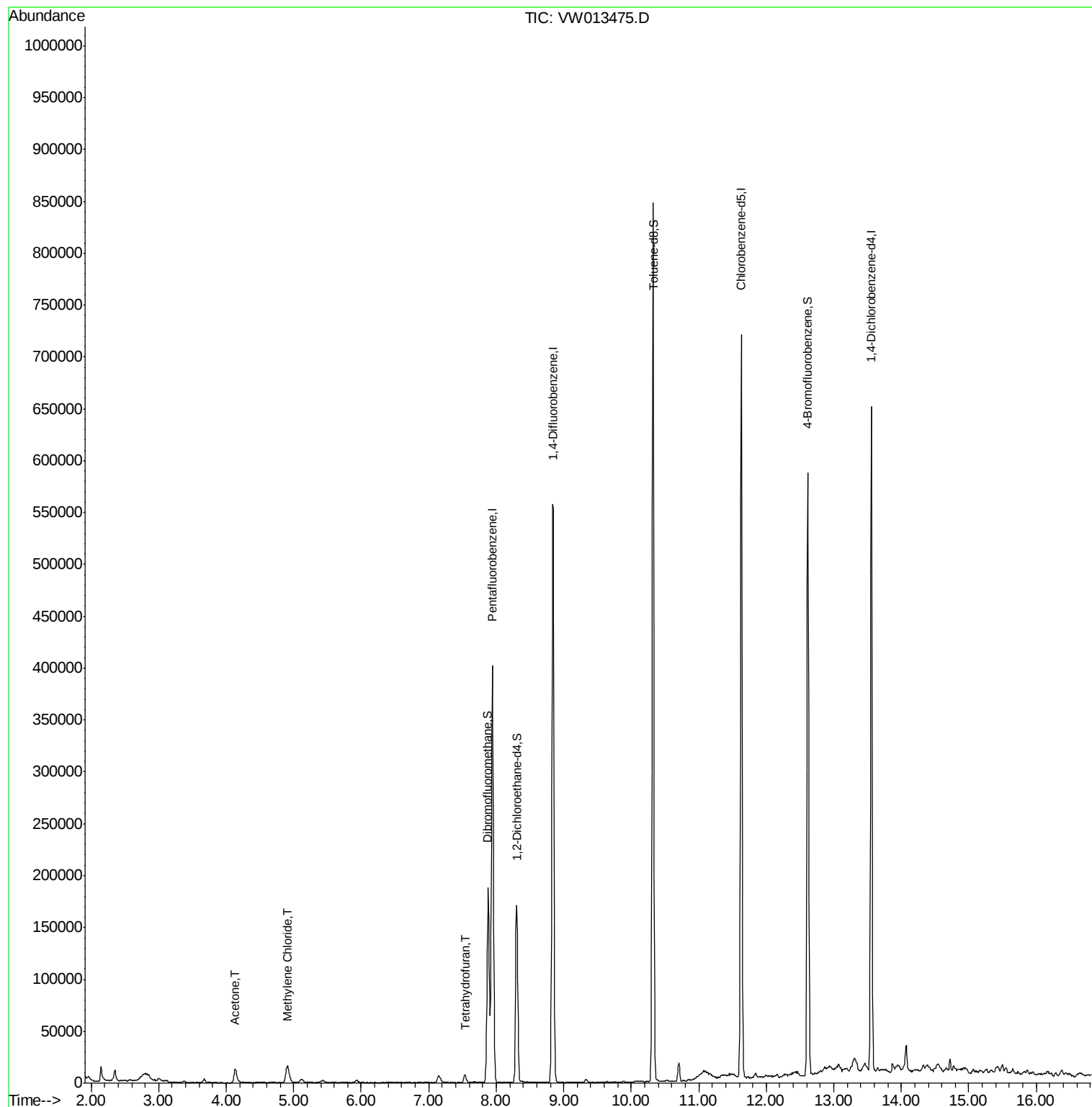
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	509135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	186579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	134095	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	7.88	113	139506	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.32	98	583269	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.62	95	183741	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
16) Acetone	4.13	43	25791	32.851	ug/l	93
20) Methylene Chloride	4.91	84	14370	2.691	ug/l #	84
29) Tetrahydrofuran	7.54	42	6167	19.838	ug/l	94

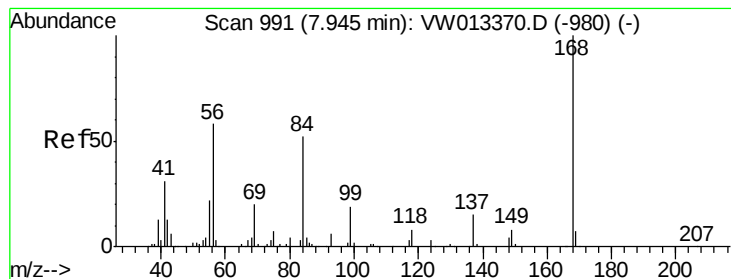
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VW013475.D

Acq: 07 Oct 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

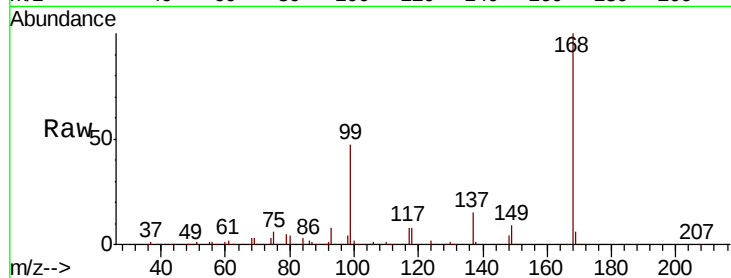
OK-03-100719

Tot Ion:168 Resp: 343034

Ion Ratio Lower Upper

168 100

99 46.6 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

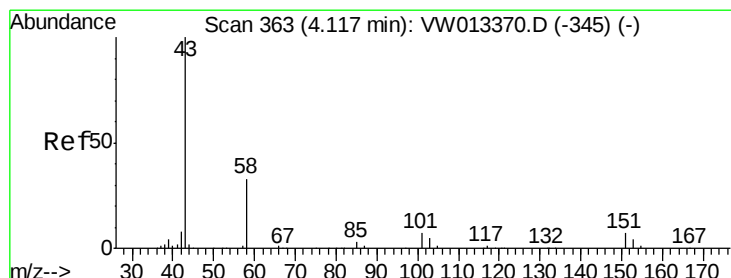
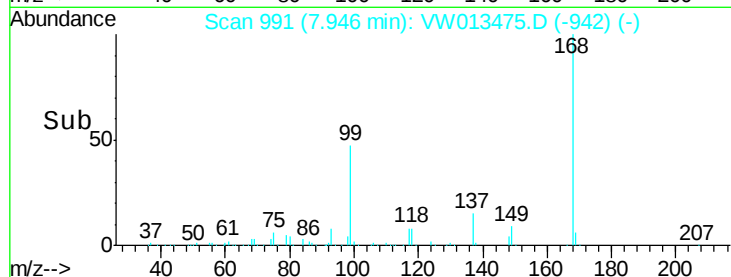
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 32.851 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013475.D

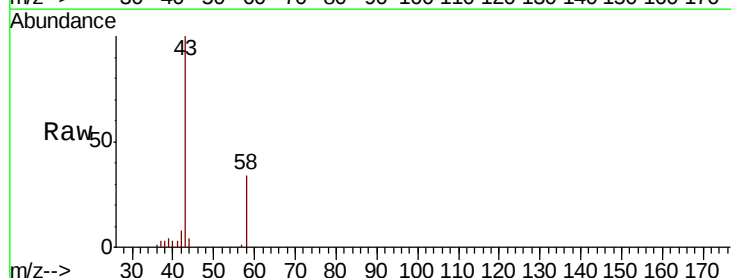
Acq: 07 Oct 2019 20:21

Tgt Ion: 43 Resp: 25791

Ion Ratio Lower Upper

43 100

58 33.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

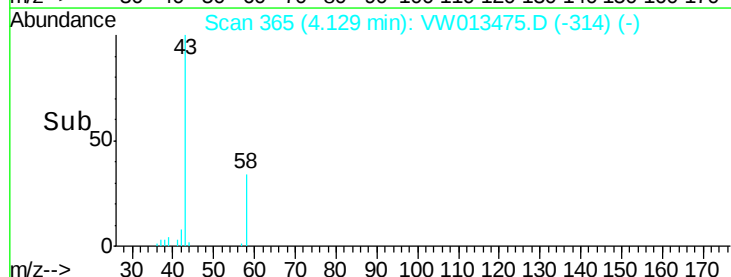
6000

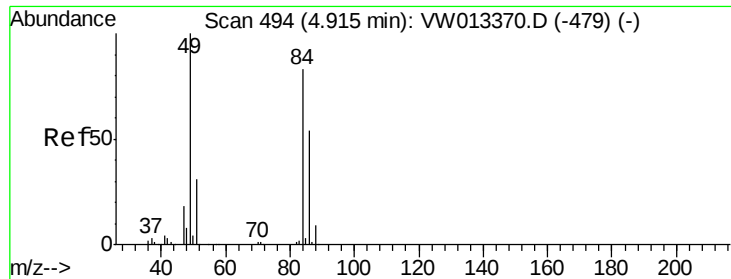
4000

2000

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Time-->

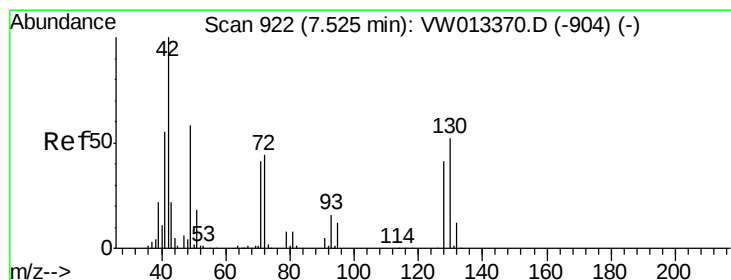
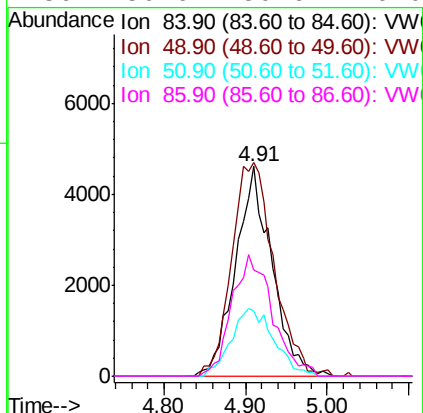
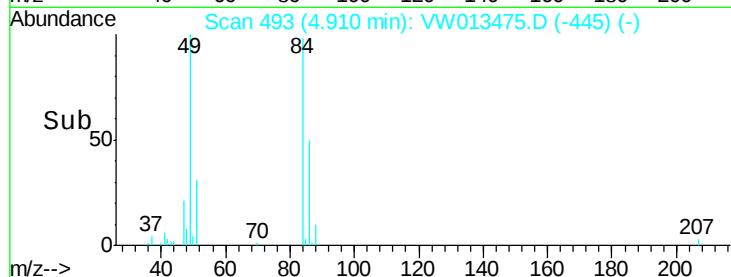
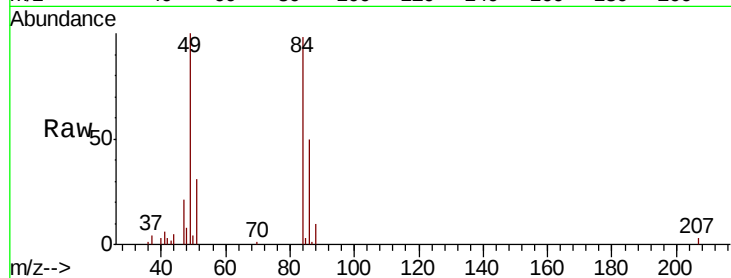




#20
Methylene Chloride
Concen: 2.691 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013475.D
Acq: 07 Oct 2019 20:21

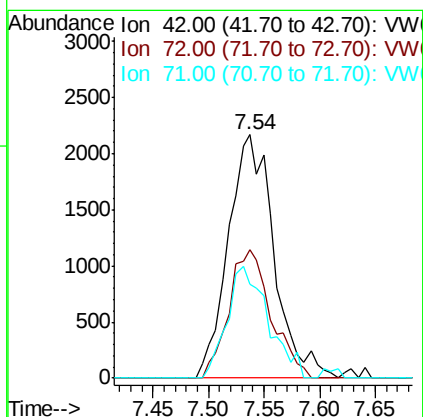
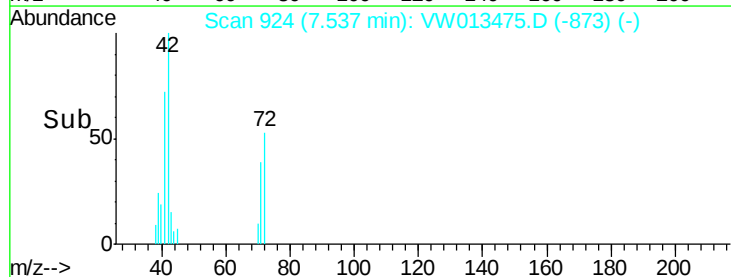
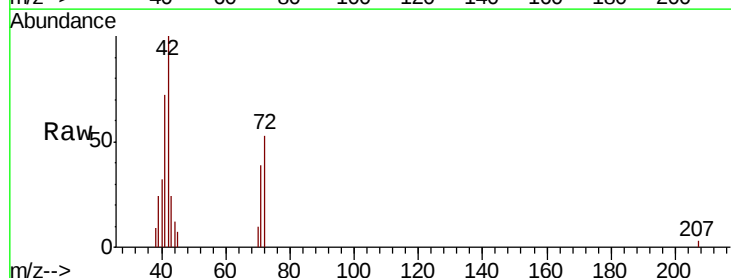
Instrument :
MSVOA_W
ClientSampleId :
OK-03-100719

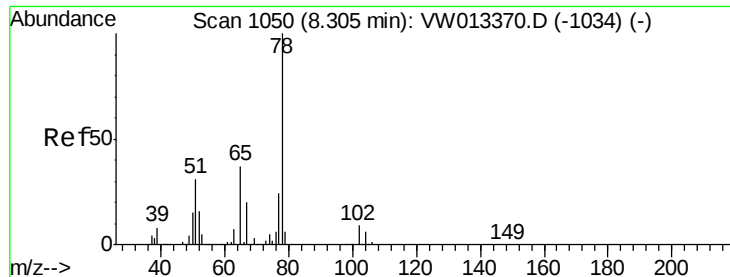
Tot Ion: 84 Resp: 14370
Ion Ratio Lower Upper
84 100
49 101.9 97.6 146.4
51 31.5 30.2 45.2
86 50.6 50.6 76.0#



#29
Tetrahydrofuran
Concen: 19.838 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013475.D
Acq: 07 Oct 2019 20:21

Tgt Ion: 42 Resp: 6167
Ion Ratio Lower Upper
42 100
72 48.6 33.9 50.9
71 41.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 52.353 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013475.D

Acq: 07 Oct 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

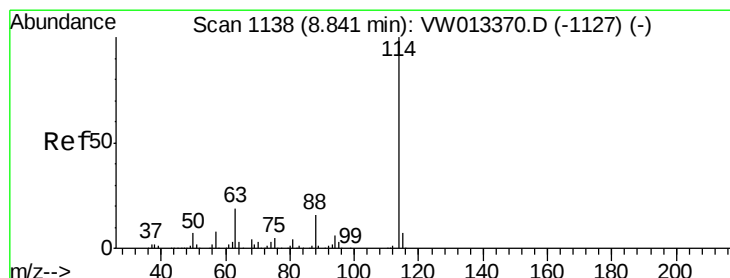
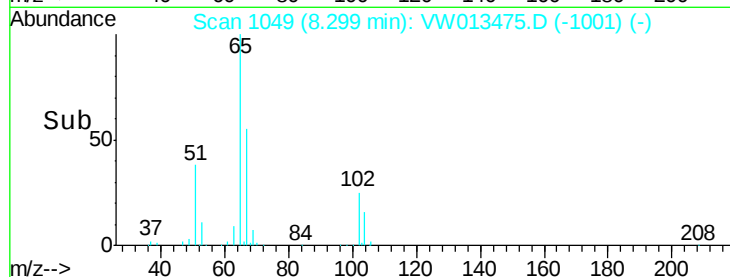
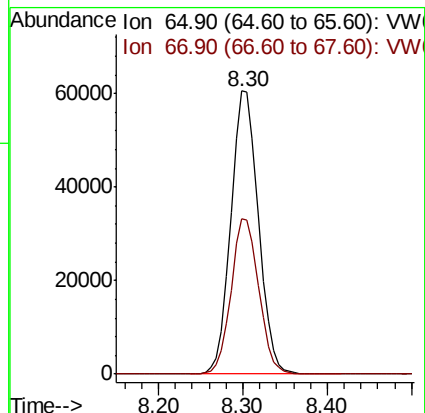
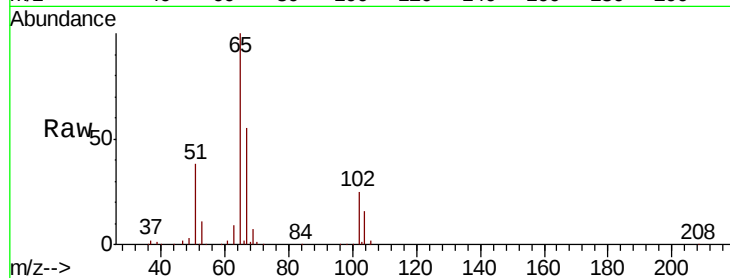
OK-03-100719

Tot Ion: 65 Resp: 134095

Ion Ratio Lower Upper

65 100

67 55.0 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: VW013475.D

Acq: 07 Oct 2019 20:21

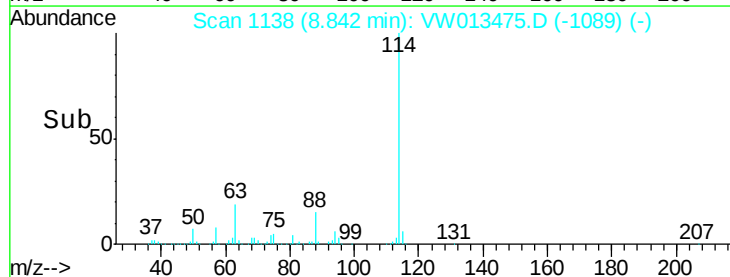
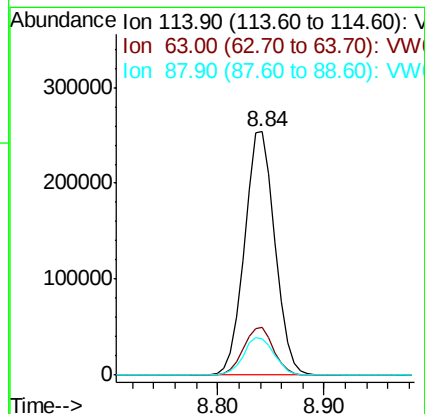
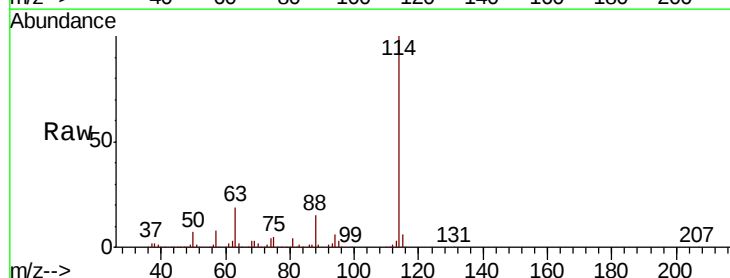
Tgt Ion: 114 Resp: 509135

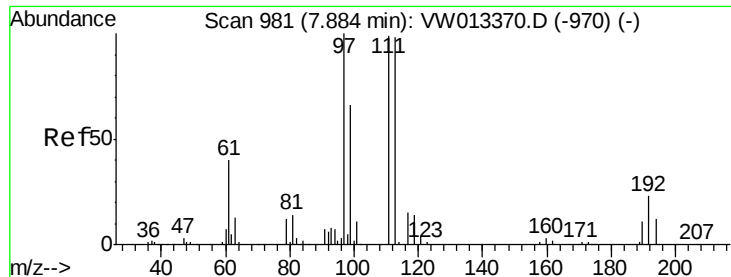
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

88 15.0 0.0 32.0

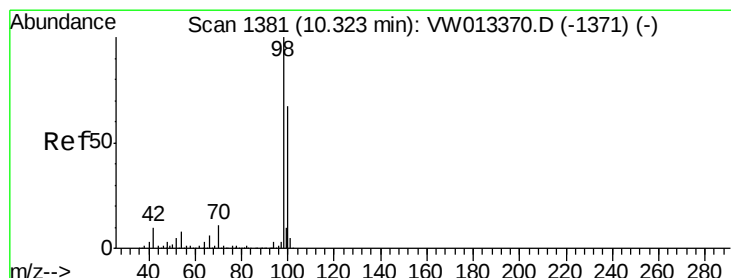
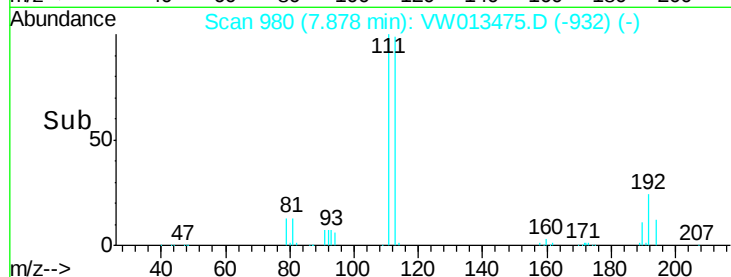
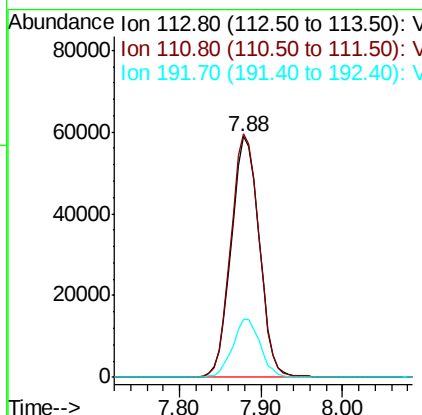
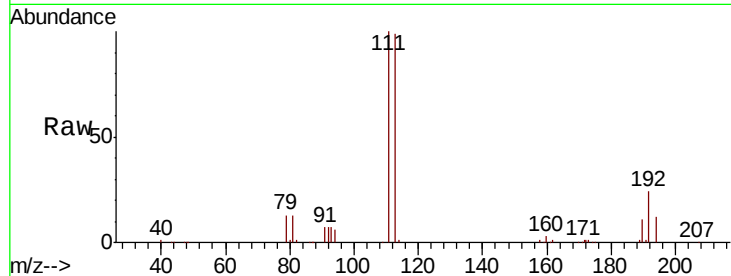




#35
 Dibromofluoromethane
 Concen: 52.219 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013475.D
 Acq: 07 Oct 2019 20:21

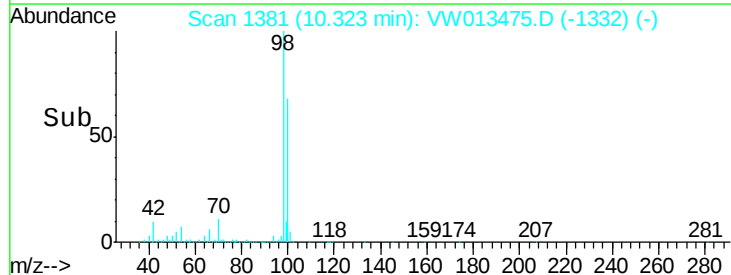
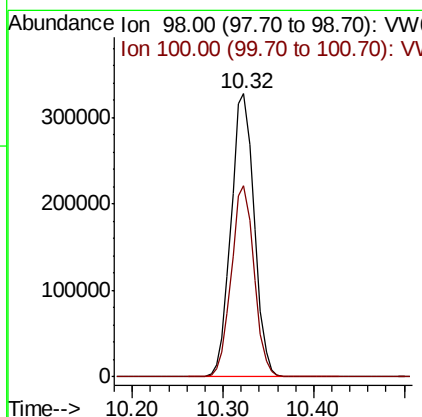
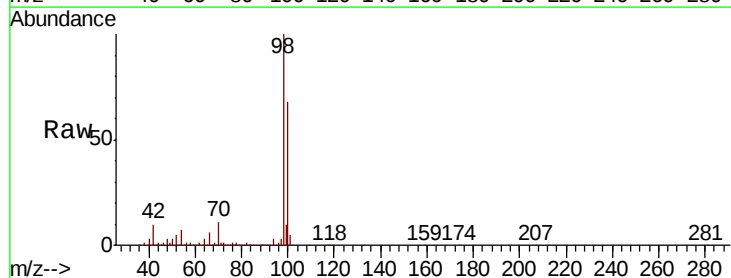
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-100719

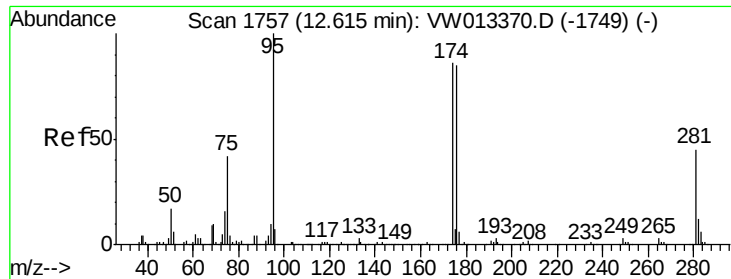
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	23.6	19.1	28.7



#50
 Toluene-d8
 Concen: 52.611 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW013475.D
 Acq: 07 Oct 2019 20:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3

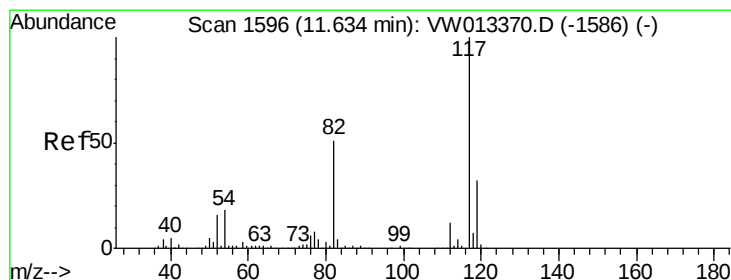
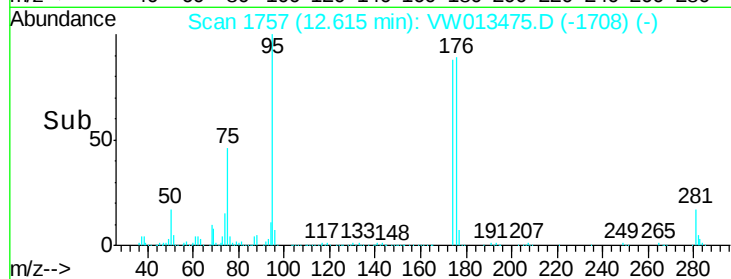
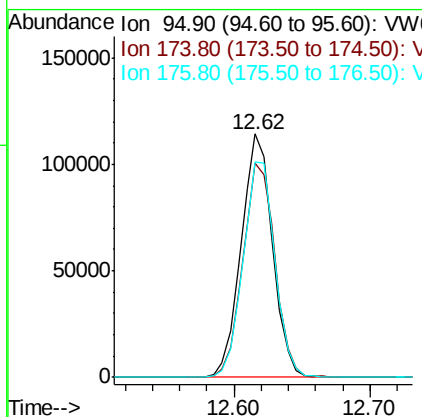
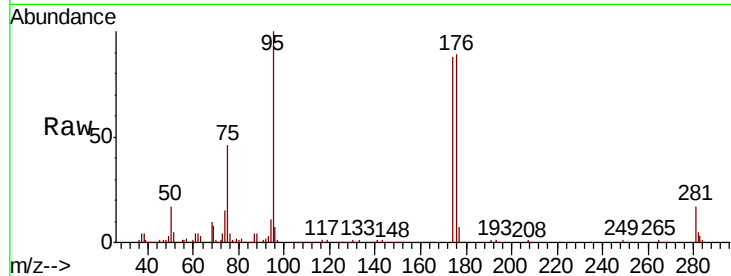




#62
4-Bromofluorobenzene
Concen: 49.631 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013475.D
Acq: 07 Oct 2019 20:21

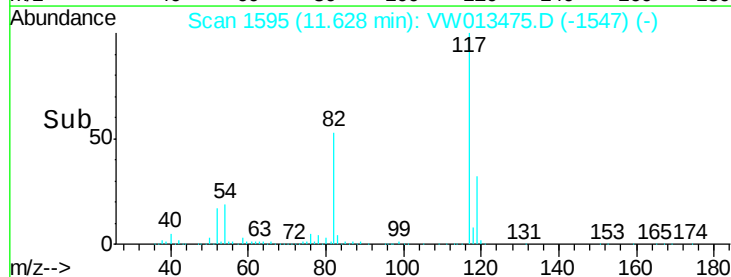
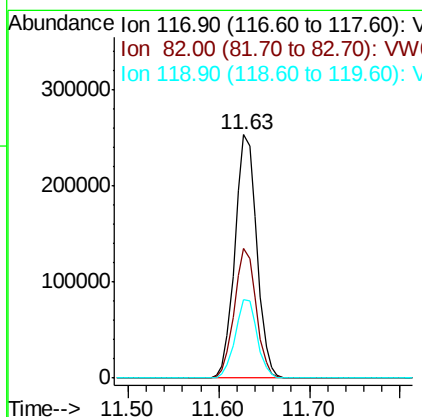
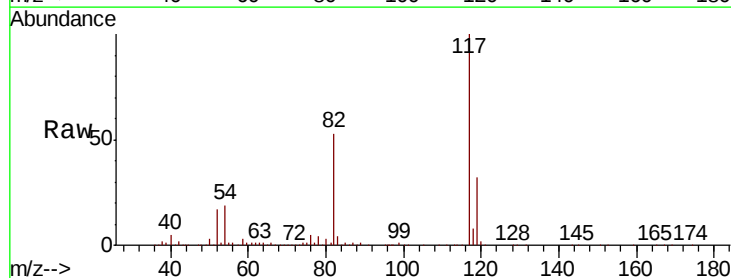
Instrument :
MSVOA_W
ClientSampleId :
OK-03-100719

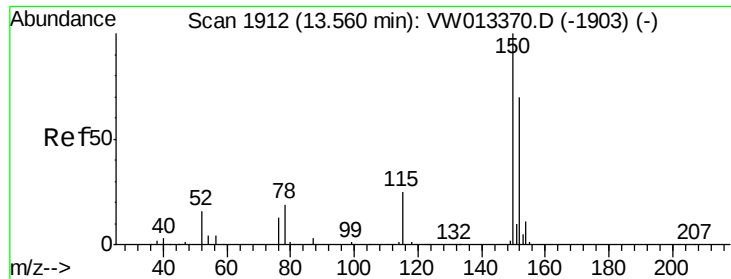
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	178.4
176	90.2	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013475.D
Acq: 07 Oct 2019 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.9	68.9
119	32.0	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013475.D

Acq: 07 Oct 2019 20:21

Instrument :

MSVOA_W

ClientSampleId :

OK-03-100719

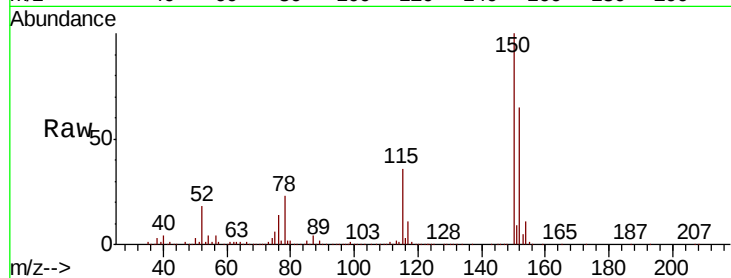
Tot Ion:152 Resp: 186579

Ion Ratio Lower Upper

152 100

115 53.7 27.3 81.9

150 154.6 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

