

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012918.D
 Acq On : 11 Sep 2019 15:35
 Operator : SY/VA
 Sample : K4683-02
 Misc : 4.17G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190664-LOCATION-2

Quant Time: Sep 12 08:13:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

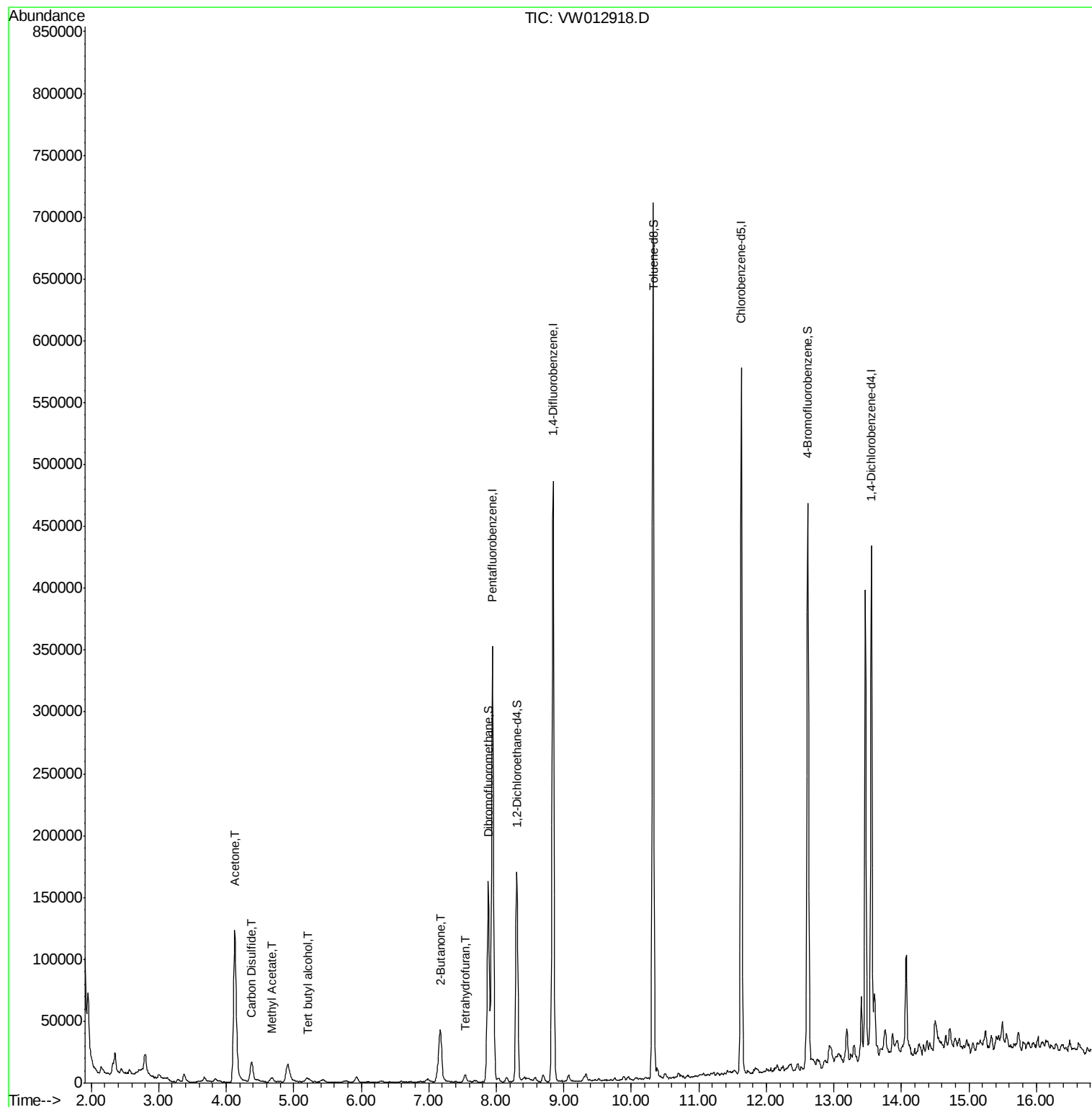
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	111009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136198	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	7.88	113	115210	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.32	98	461198	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.61	95	133106	40.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.12%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	7599	33.754	ug/l #	90
16) Acetone	4.13	43	236563	294.901	ug/l	98
17) Carbon Disulfide	4.38	76	36235	7.849	ug/l #	93
18) Methyl Acetate	4.68	43	6988	3.713	ug/l #	91
25) 2-Butanone	7.17	43	63643	69.321	ug/l	99
29) Tetrahydrofuran	7.54	42	4287	6.618	ug/l	92

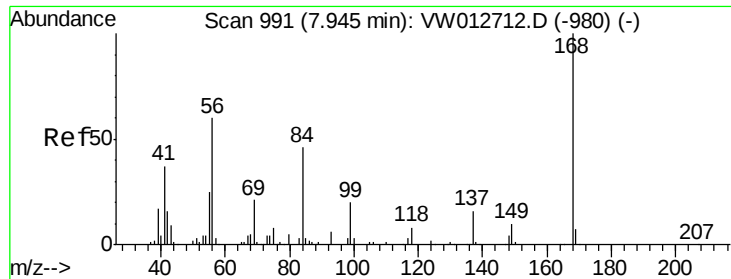
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
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: VW012918.D

Acq: 11 Sep 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

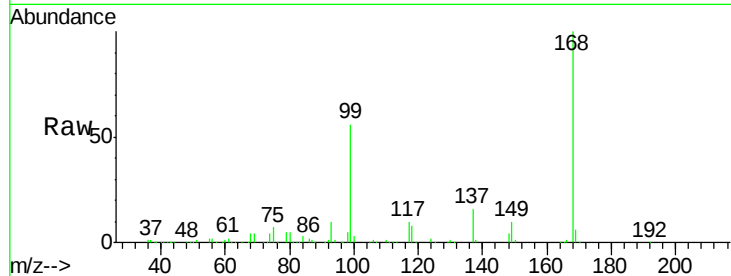
20190664-LOCATION-2

Tot Ion:168 Resp: 263349

Ion Ratio Lower Upper

168 100

99 56.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

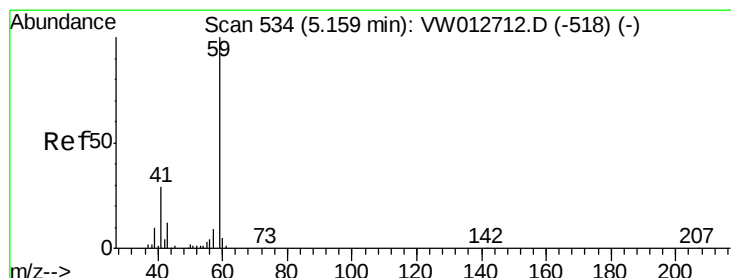
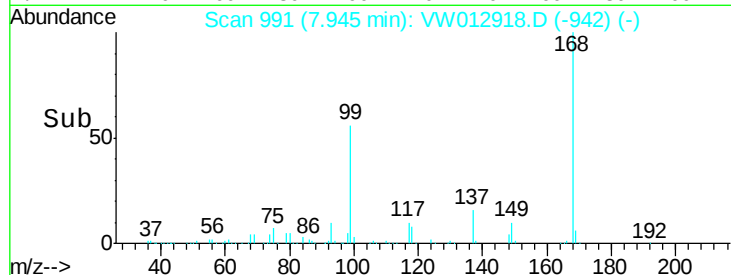
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 33.754 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.05 min

Lab File: VW012918.D

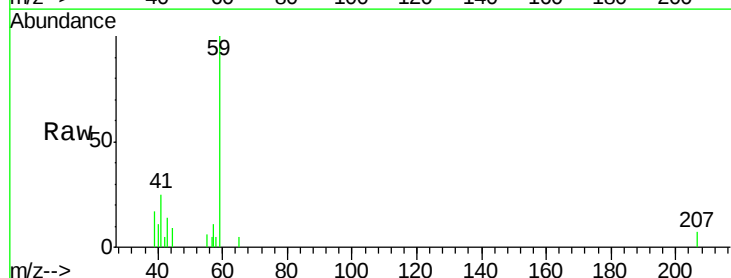
Acq: 11 Sep 2019 15:35

Tgt Ion: 59 Resp: 7599

Ion Ratio Lower Upper

59 100

57 6.6 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

2000

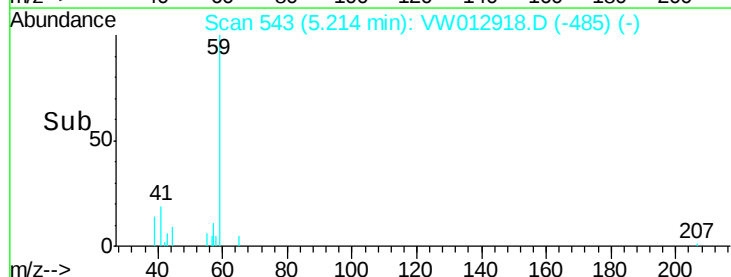
1500

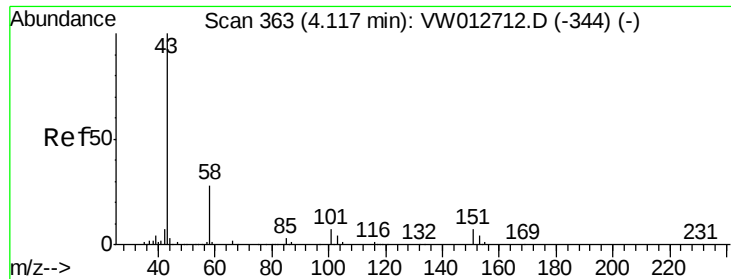
1000

500

0

Time-->

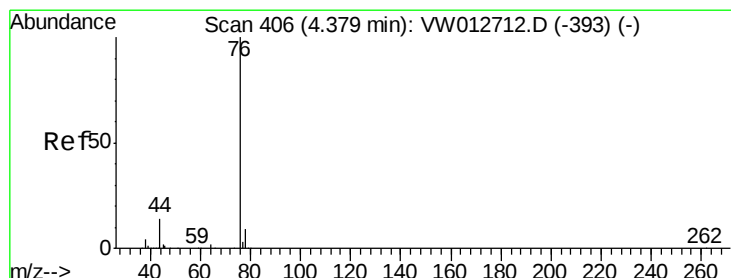
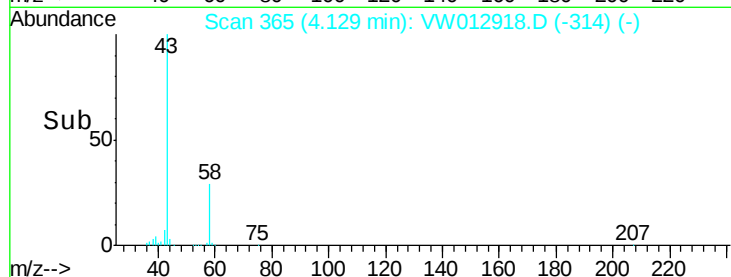
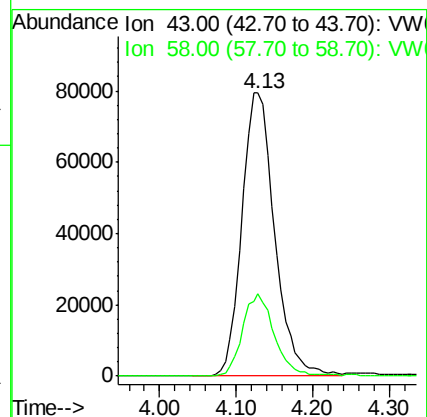
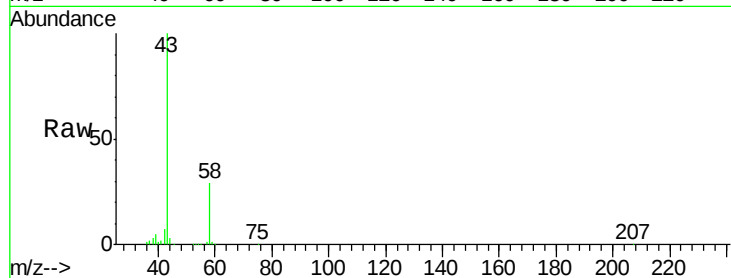




#16
Acetone
Concen: 294.901 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012918.D
Acq: 11 Sep 2019 15:35

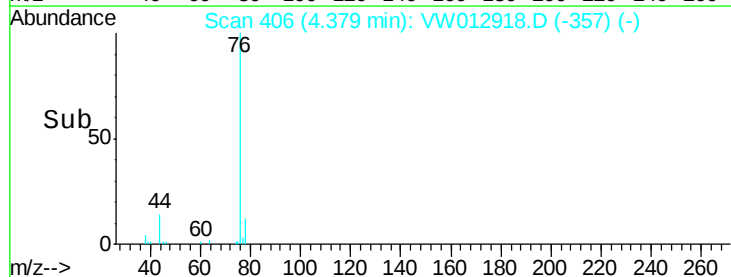
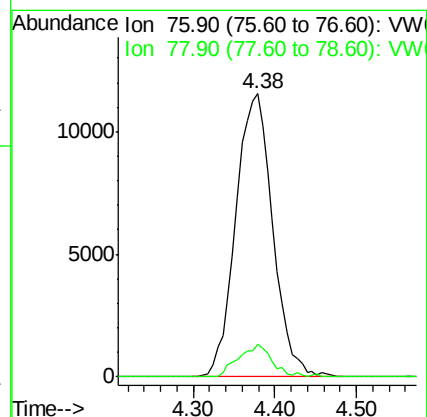
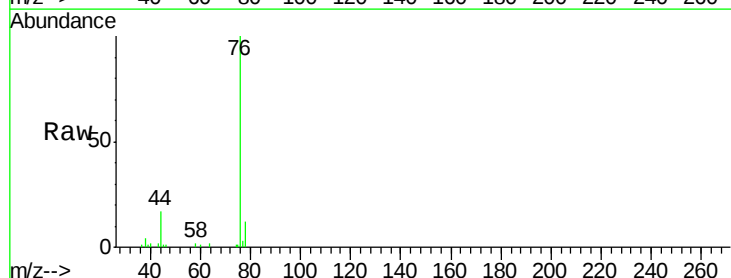
Instrument :
MSVOA_W
ClientSampleId :
20190664-LOCATION-2

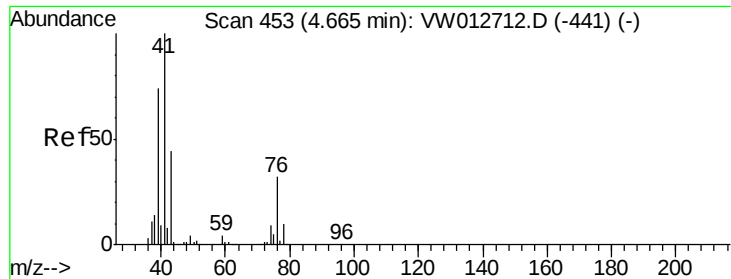
Tot Ion: 43 Resp: 236563
Ion Ratio Lower Upper
43 100
58 29.0 22.6 33.8



#17
Carbon Disulfide
Concen: 7.849 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012918.D
Acq: 11 Sep 2019 15:35

Tgt Ion: 76 Resp: 36235
Ion Ratio Lower Upper
76 100
78 11.7 7.2 10.8#

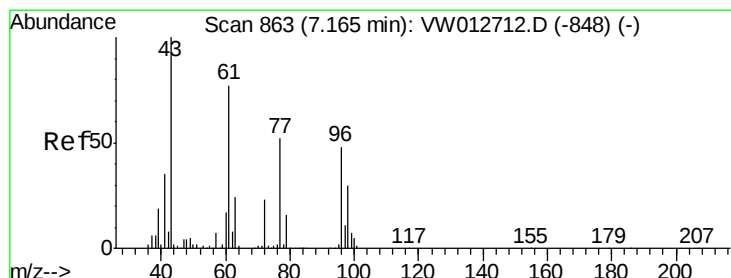
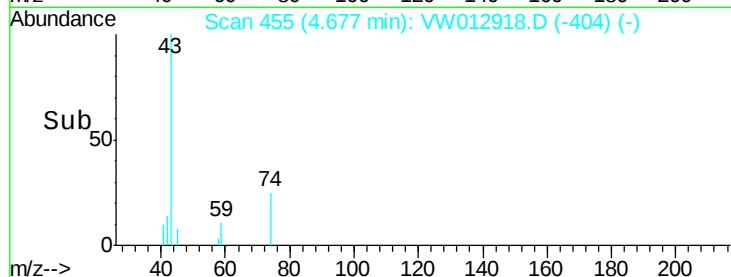
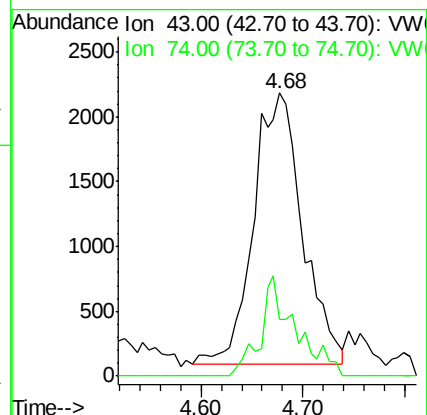
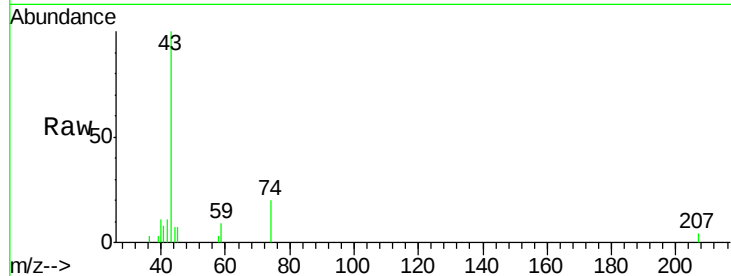




#18
Methvl Acetate
Concen: 3.713 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW012918.D
Acq: 11 Sep 2019 15:35

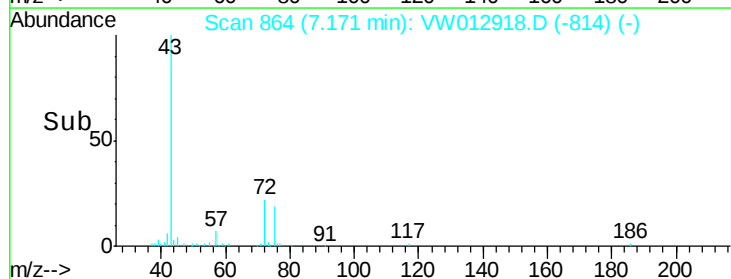
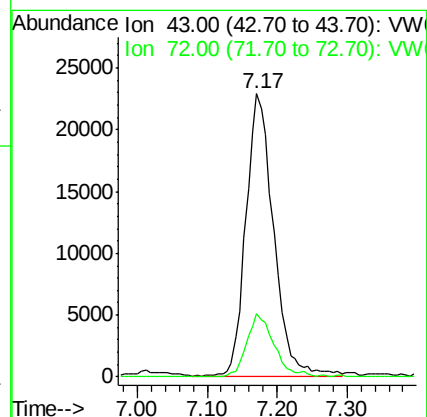
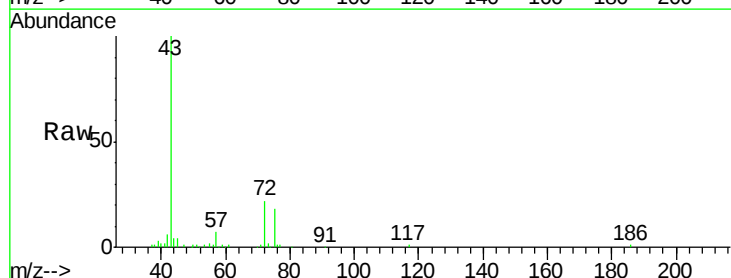
Instrument :
MSVOA_W
ClientSampleId :
20190664-LOCATION-2

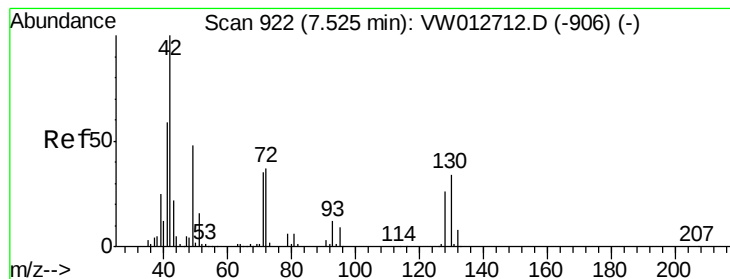
Tot Ion: 43 Resp: 6988
Ion Ratio Lower Upper
43 100
74 23.9 15.8 23.6#



#25
2-Butanone
Concen: 69.321 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW012918.D
Acq: 11 Sep 2019 15:35

Tgt Ion: 43 Resp: 63643
Ion Ratio Lower Upper
43 100
72 22.2 18.0 27.0





#29

Tetrahydrofuran

Concen: 6.618 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012918.D

Acq: 11 Sep 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

20190664-LOCATION-2

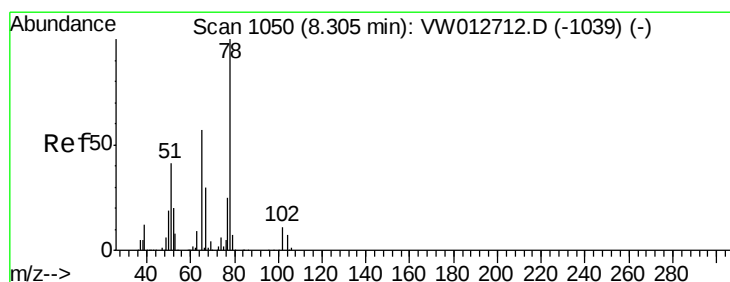
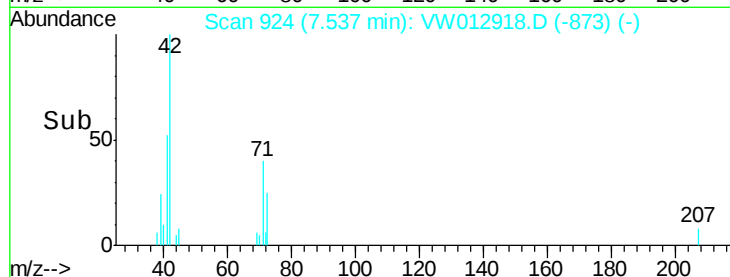
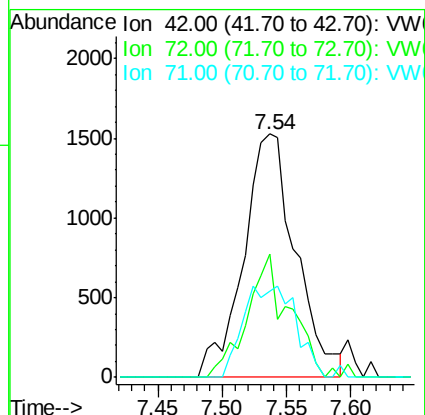
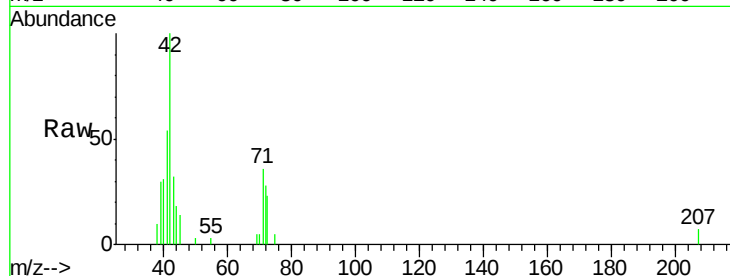
Tot Ion: 42 Resp: 4287

Ion Ratio Lower Upper

42 100

72 40.7 28.4 42.6

71 37.9 27.1 40.7



#33

1,2-Dichloroethane-d4

Concen: 46.287 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012918.D

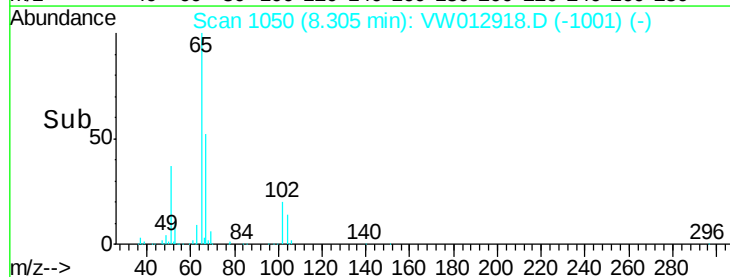
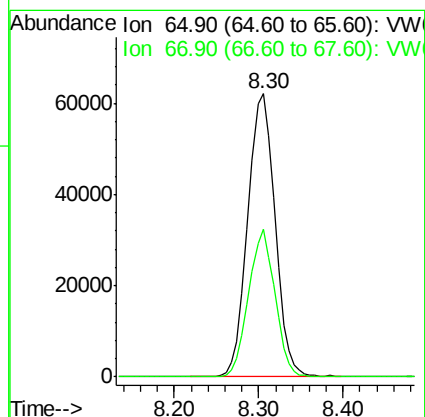
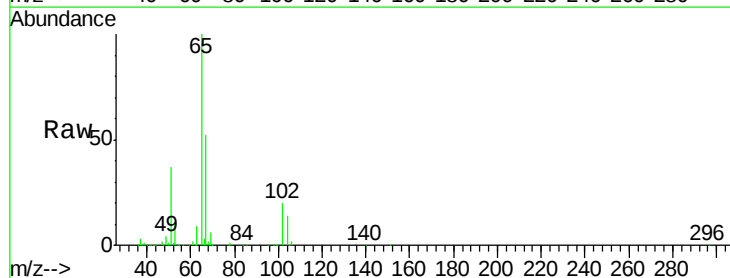
Acq: 11 Sep 2019 15:35

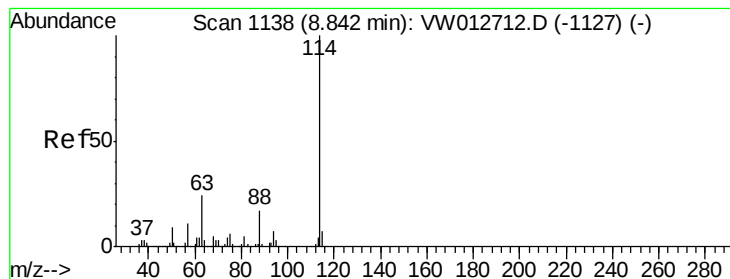
Tgt Ion: 65 Resp: 136198

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012918.D

Acq: 11 Sep 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

20190664-LOCATION-2

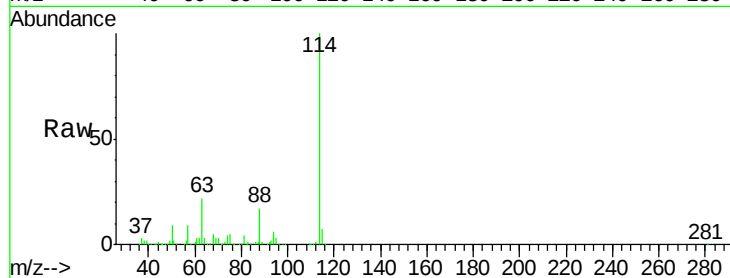
Tot Ion:114 Resp: 392992

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.2

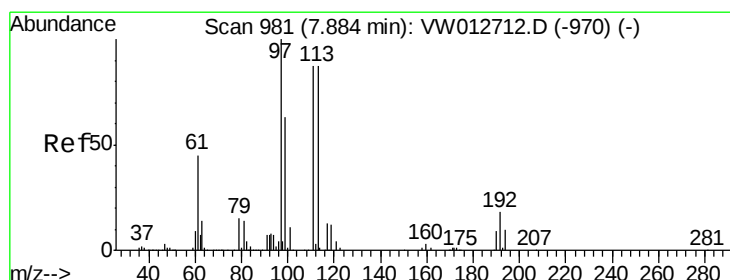
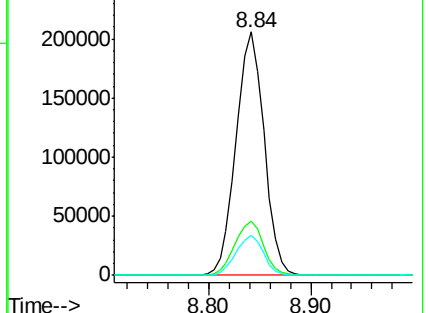
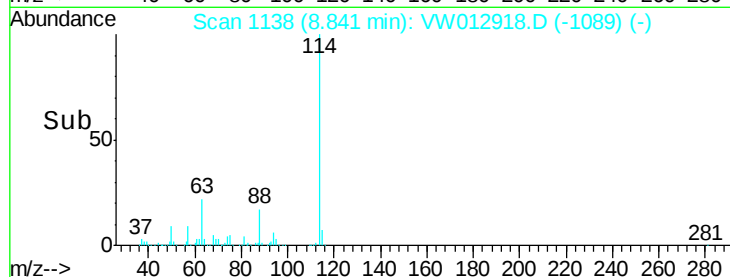
88 16.5 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.310 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012918.D

Acq: 11 Sep 2019 15:35

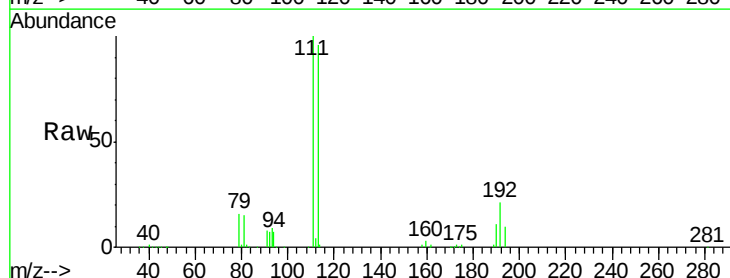
Tgt Ion:113 Resp: 115210

Ion Ratio Lower Upper

113 100

111 101.7 80.2 120.4

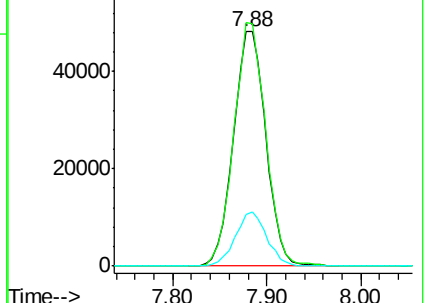
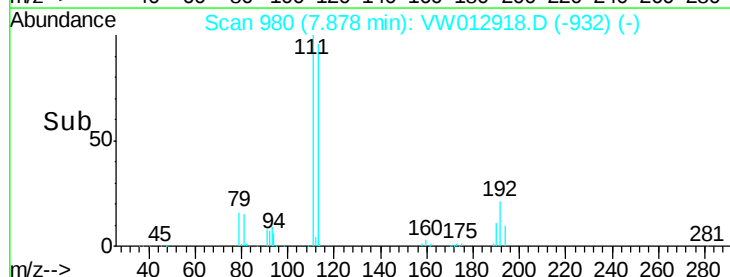
192 22.2 17.3 25.9

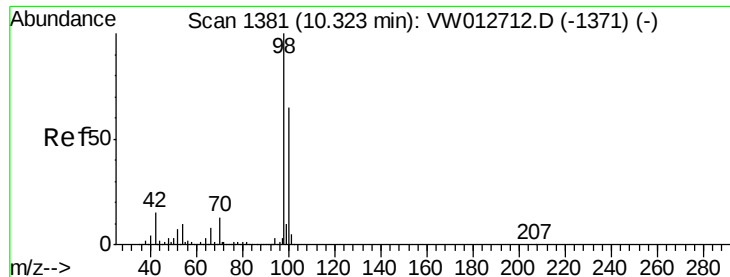


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.384 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012918.D

Acq: 11 Sep 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

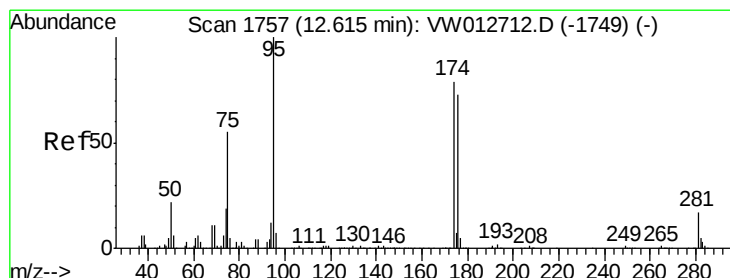
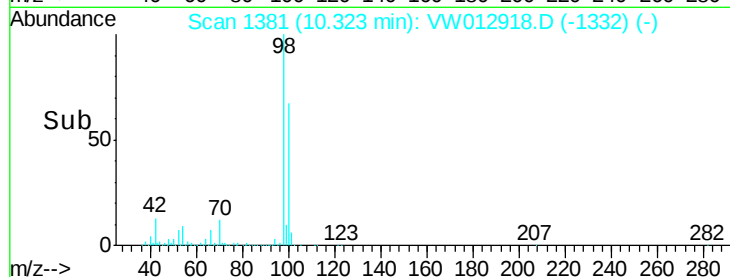
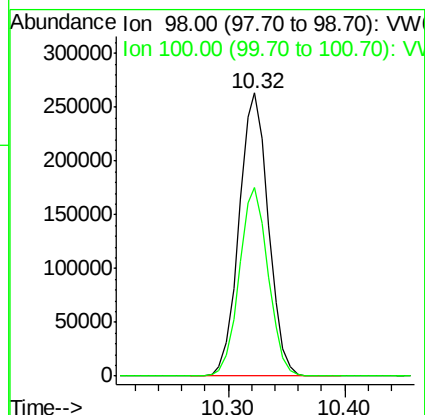
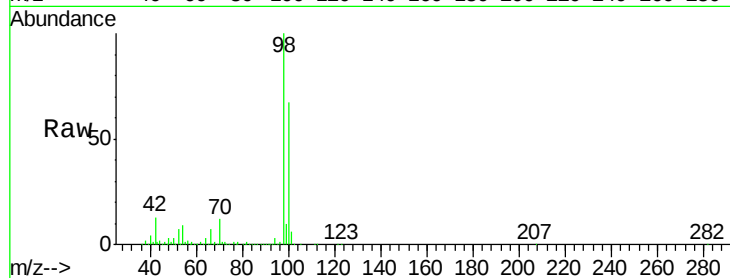
20190664-LOCATION-2

Tot Ion: 98 Resp: 461198

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 40.055 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012918.D

Acq: 11 Sep 2019 15:35

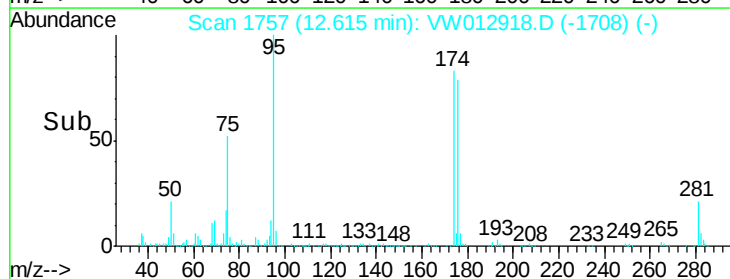
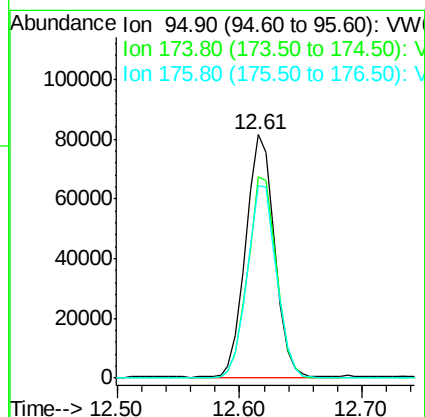
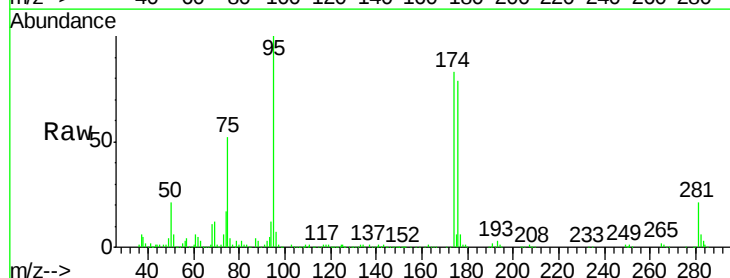
Tgt Ion: 95 Resp: 133106

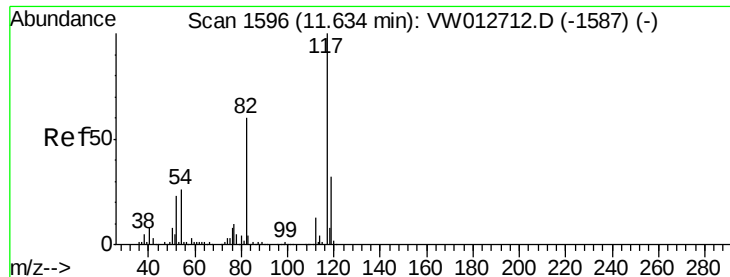
Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.0

176 81.0 0.0 156.4

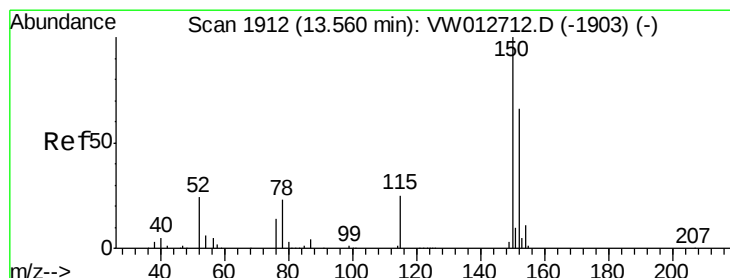
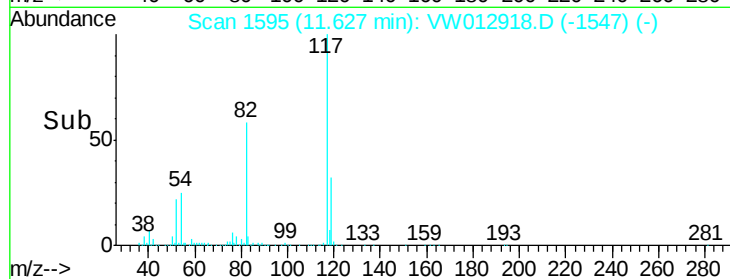
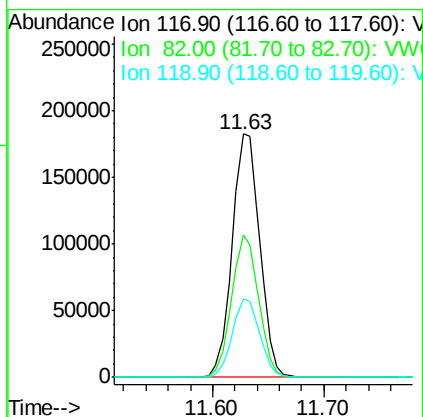
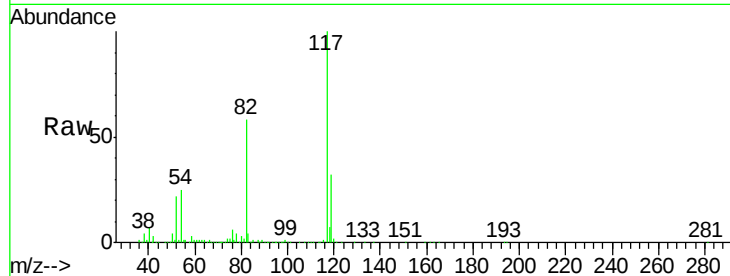




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012918.D
Acq: 11 Sep 2019 15:35

Instrument :
MSVOA_W
ClientSampleId :
20190664-LOCATION-2

Tot Ion:117 Resp: 312243
Ion Ratio Lower Upper
117 100
82 58.3 48.2 72.4
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012918.D
Acq: 11 Sep 2019 15:35

Tgt Ion:152 Resp: 111009
Ion Ratio Lower Upper
152 100
115 57.7 30.0 90.1
150 154.7 0.0 349.0

