

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012400.D
 Acq On : 31 Aug 2019 15:09
 Operator : SY/VA
 Sample : K4472-12
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S3-(2.5)

Quant Time: Aug 31 17:44:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

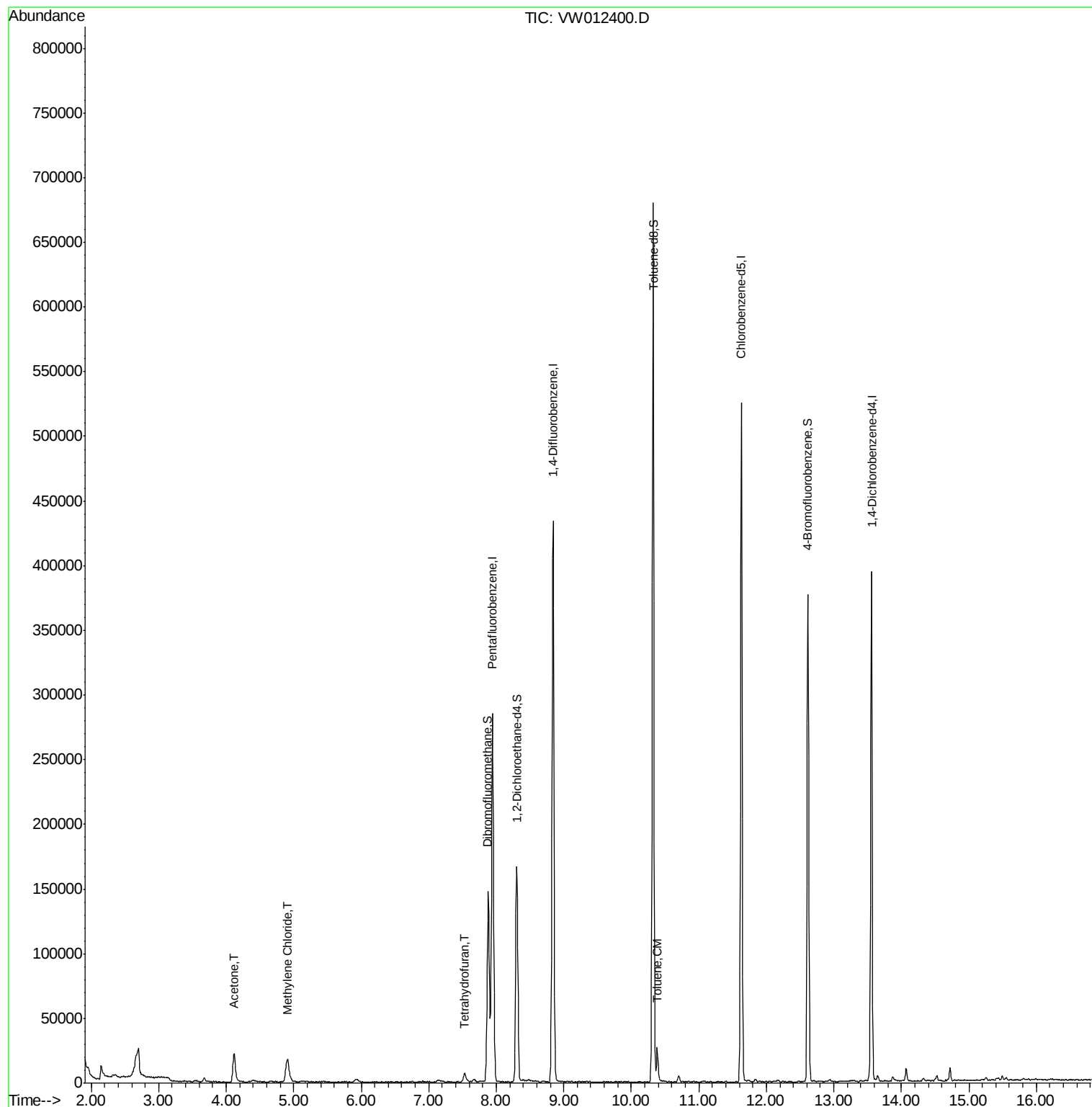
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135910	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
35) Dibromofluoromethane	7.88	113	104894	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
50) Toluene-d8	10.32	98	417272	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.61	95	120369	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.94%	
Target Compounds						
16) Acetone	4.12	43	38860	62.564	ug/l	97
20) Methylene Chloride	4.92	84	13422	5.716	ug/l	97
29) Tetrahydrofuran	7.53	42	5533	10.926	ug/l	94
52) Toluene	10.38	92	10216	1.793	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 31 Aug 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

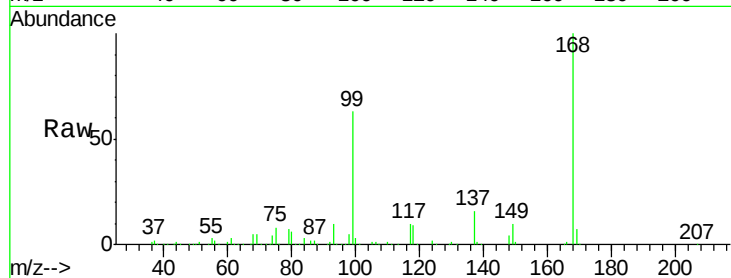
T2-S3-(2.5)

Tot Ion:168 Resp: 204404

Ion Ratio Lower Upper

168 100

99 62.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

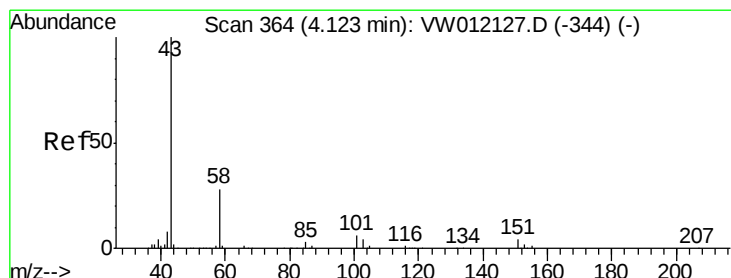
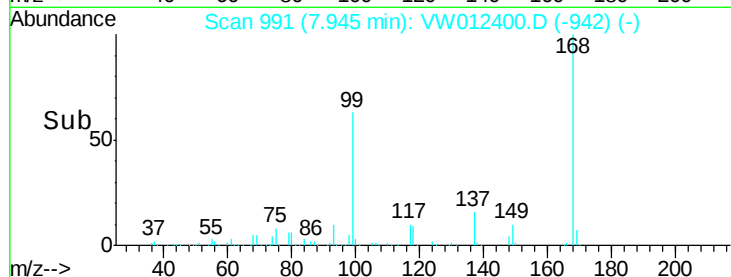
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 62.564 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012400.D

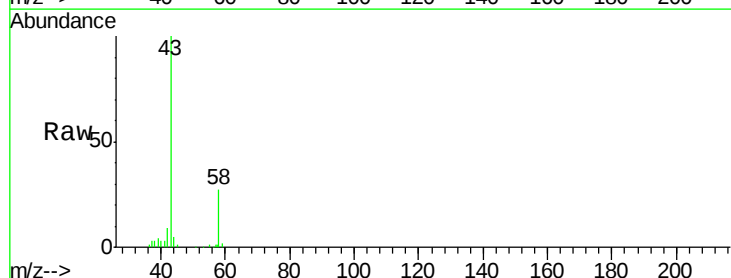
Acq: 31 Aug 2019 15:09

Tgt Ion: 43 Resp: 38860

Ion Ratio Lower Upper

43 100

58 26.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

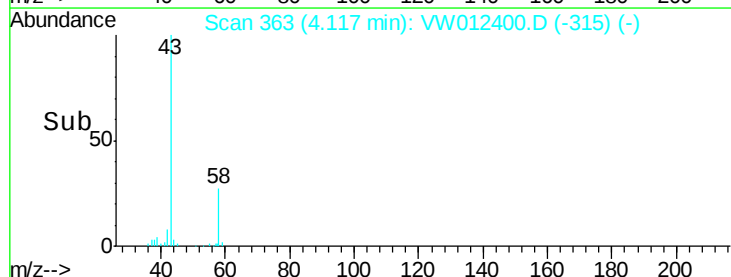
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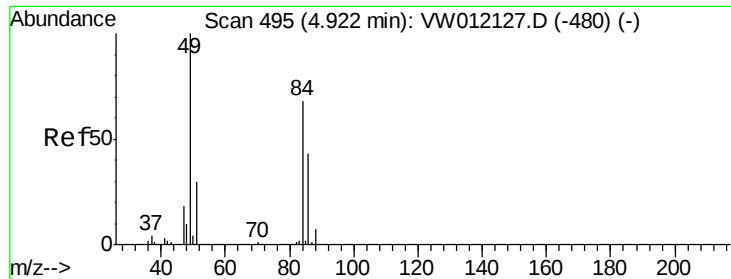
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5000

0

Time-->

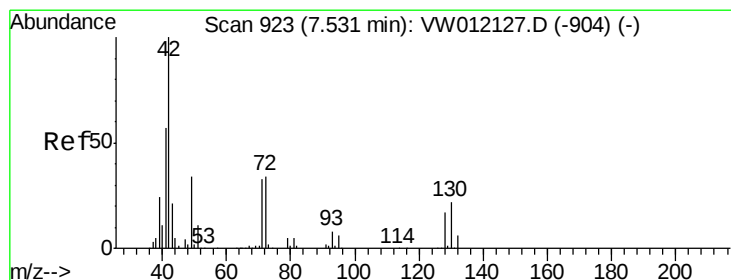
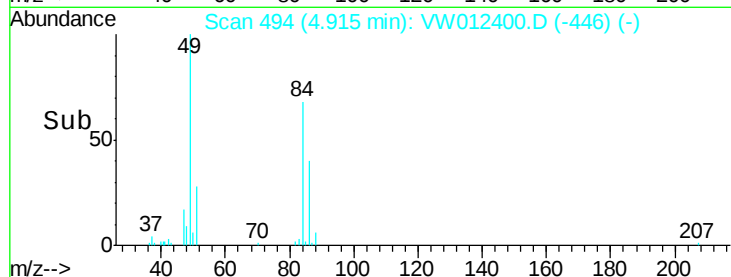
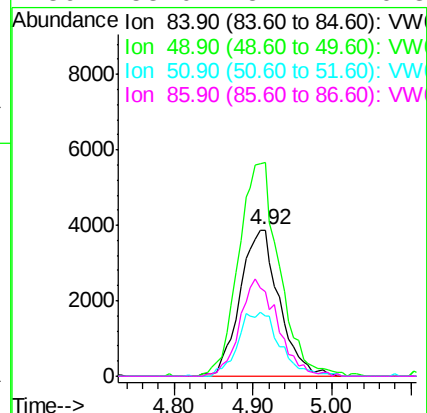
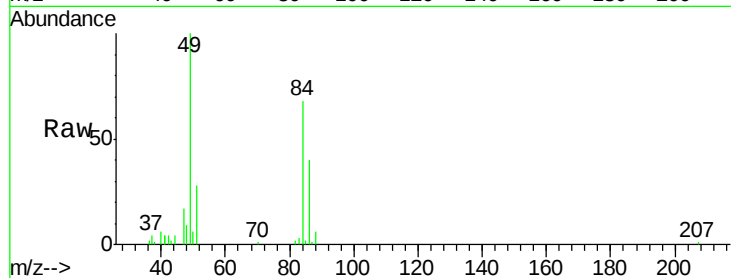




#20
Methvlene Chloride
Concen: 5.716 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012400.D
Acq: 31 Aug 2019 15:09

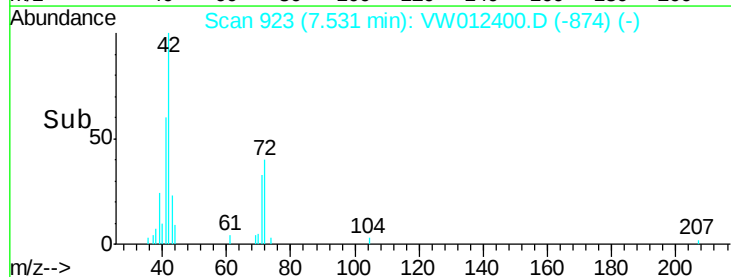
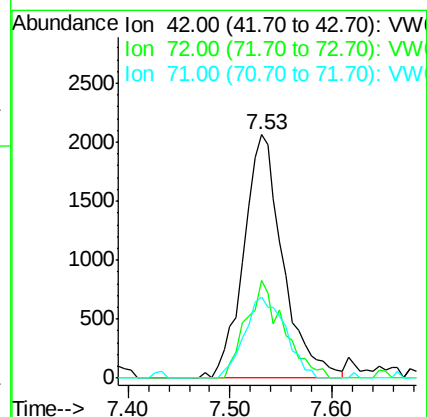
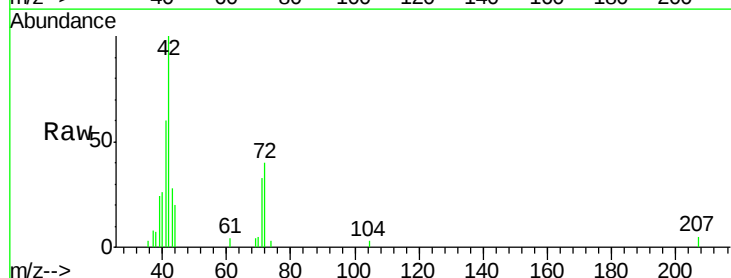
Instrument :
MSVOA_W
ClientSampleId :
T2-S3-(2.5)

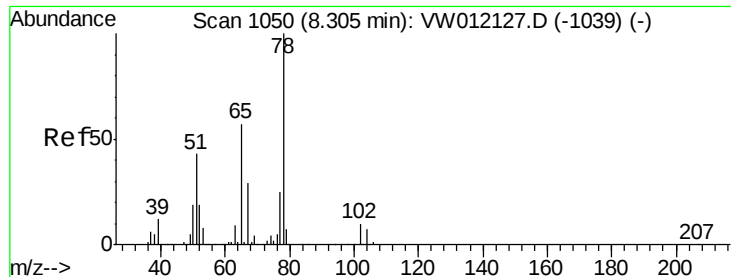
Tot Ion:	84	Resp:	13422
Ion	Ratio	Lower	Upper
84	100		
49	146.2	117.8	176.8
51	41.3	35.6	53.4
86	58.0	51.2	76.8



#29
Tetrahydrofuran
Concen: 10.926 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012400.D
Acq: 31 Aug 2019 15:09

Tgt Ion:	42	Resp:	5533
Ion	Ratio	Lower	Upper
42	100		
72	38.0	27.3	40.9
71	34.6	25.5	38.3

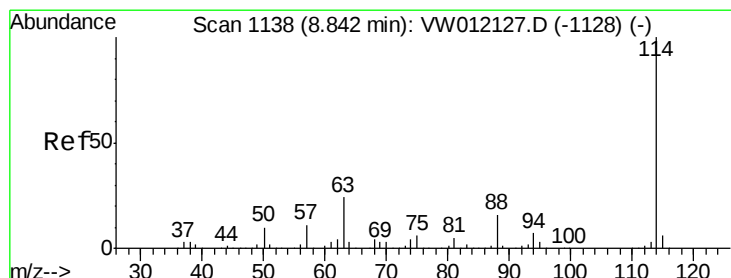
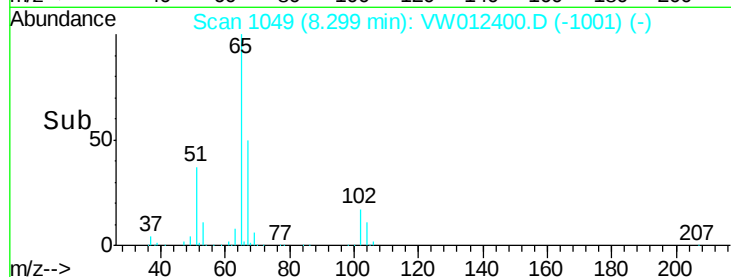
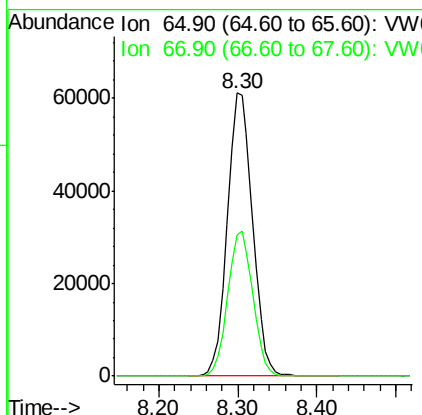
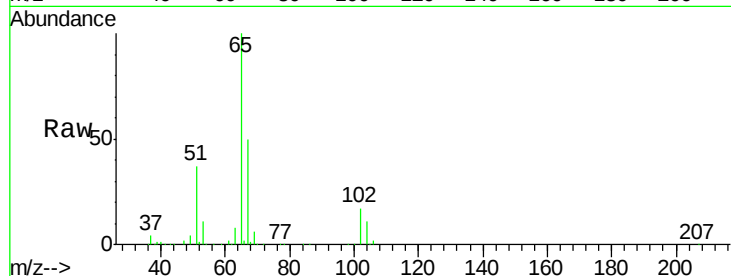




#33
 1,2-Dichloroethane-d4
 Concen: 55.933 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012400.D
 Acq: 31 Aug 2019 15:09

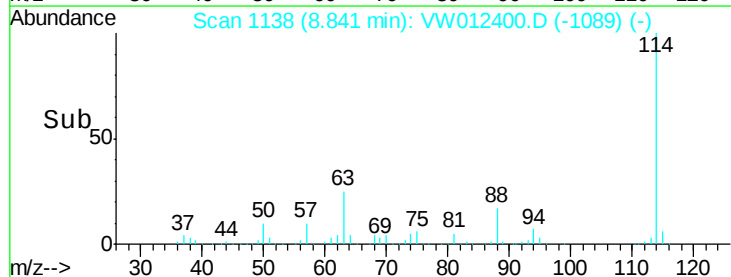
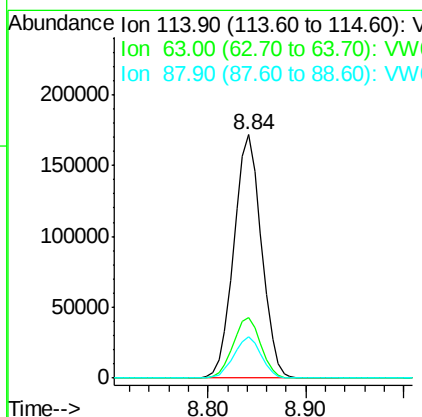
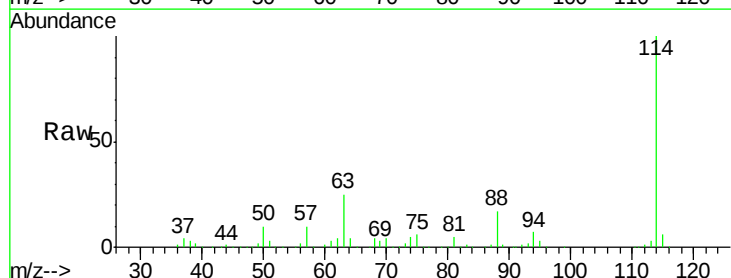
Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S3-(2.5)

Tot Ion: 65 Resp: 135910
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012400.D
 Acq: 31 Aug 2019 15:09

Tgt Ion: 114 Resp: 336151
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.6
 88 16.8 0.0 32.2

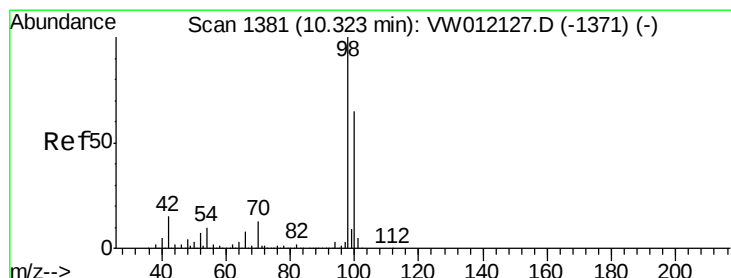
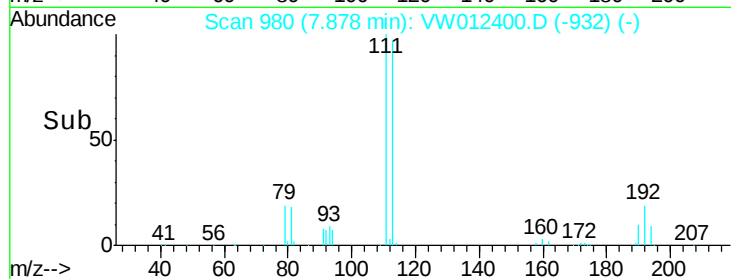
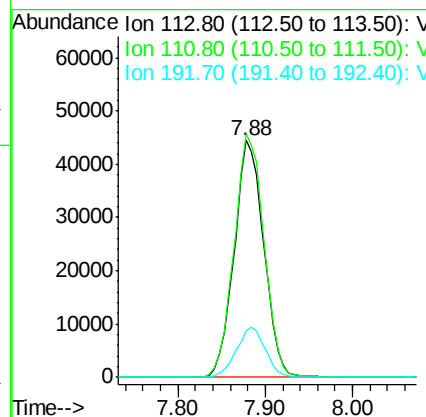
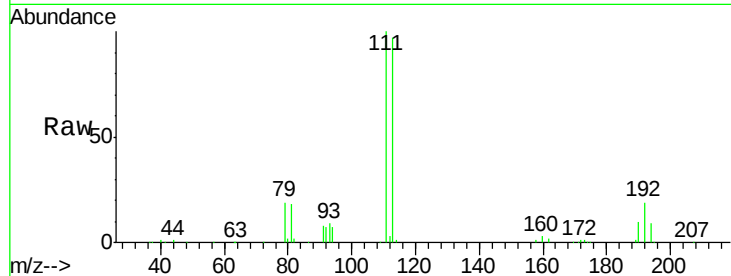




#35
Dibromofluoromethane
Concen: 52.277 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012400.D
Acq: 31 Aug 2019 15:09

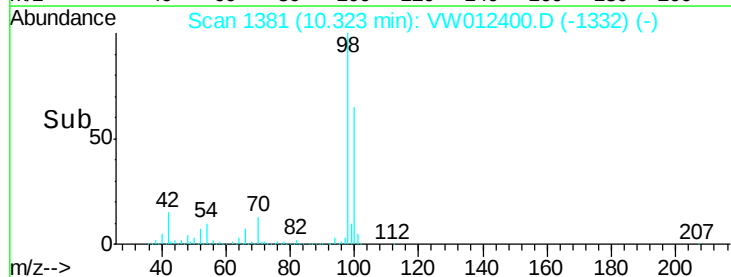
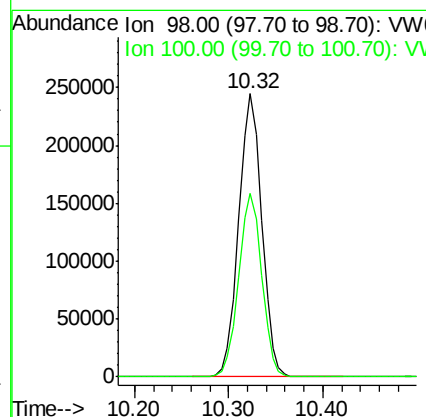
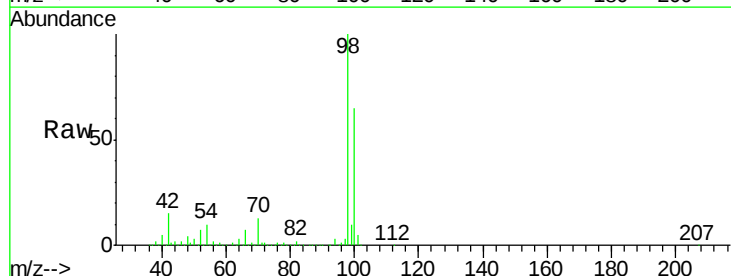
Instrument :
MSVOA_W
ClientSampleId :
T2-S3-(2.5)

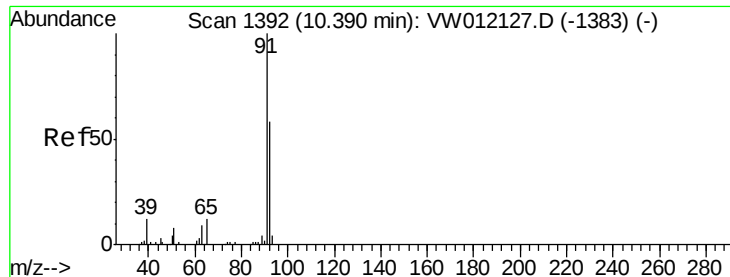
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	20.6	16.2	24.2



#50
Toluene-d8
Concen: 51.289 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012400.D
Acq: 31 Aug 2019 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6





#52

Toluene

Concen: 1.793 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012400.D

Acq: 31 Aug 2019 15:09

Instrument :

MSVOA_W

ClientSampled :

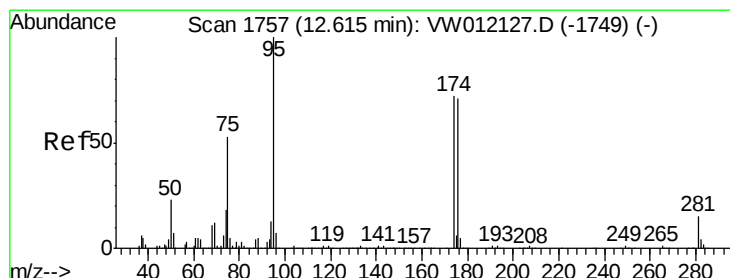
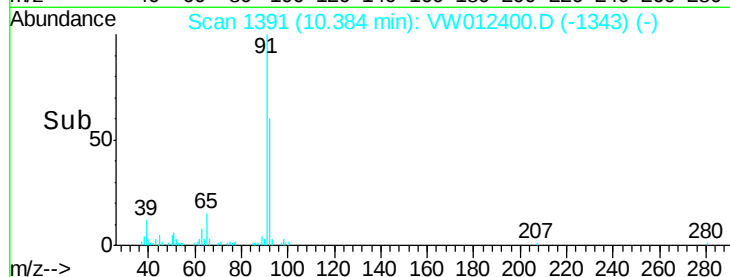
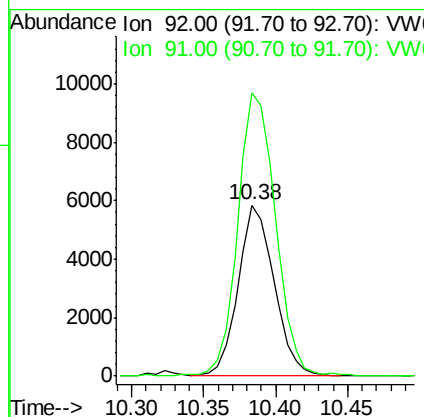
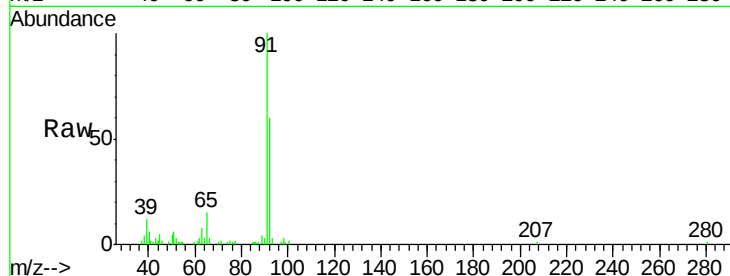
T2-S3-(2.5)

Tot Ion: 92 Resp: 10216

Ion Ratio Lower Upper

92 100

91 172.8 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 41.972 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012400.D

Acq: 31 Aug 2019 15:09

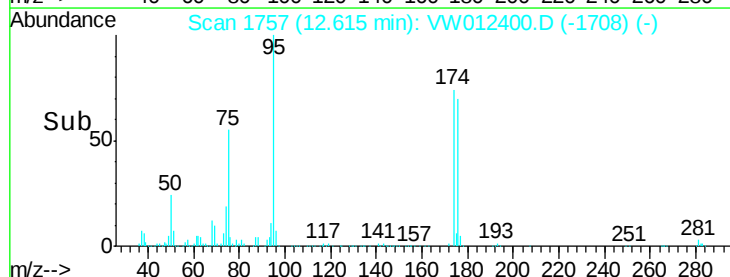
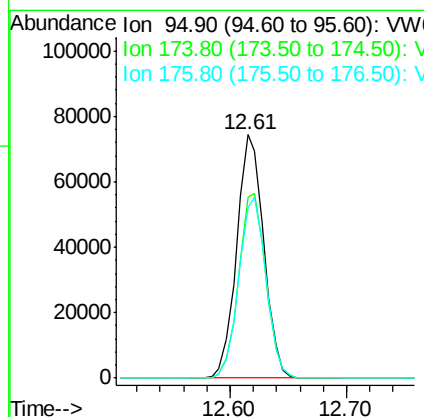
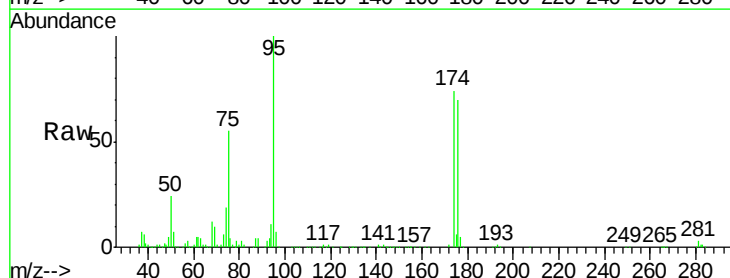
Tgt Ion: 95 Resp: 120369

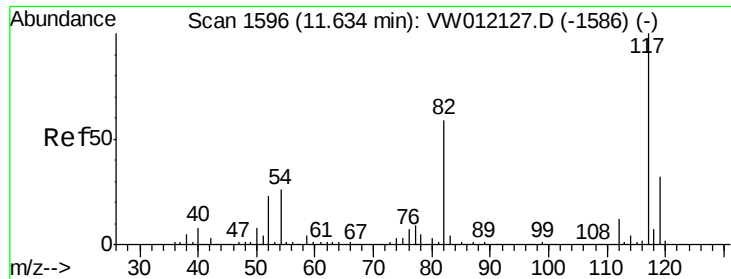
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.8

176 74.9 0.0 148.6

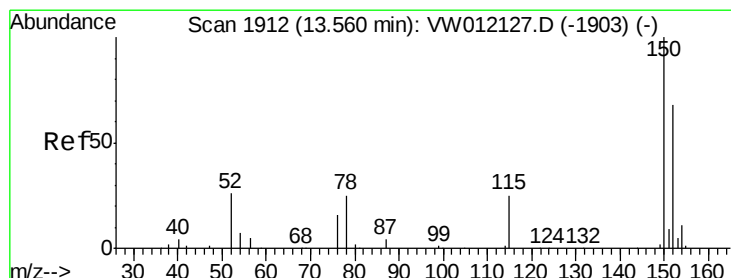
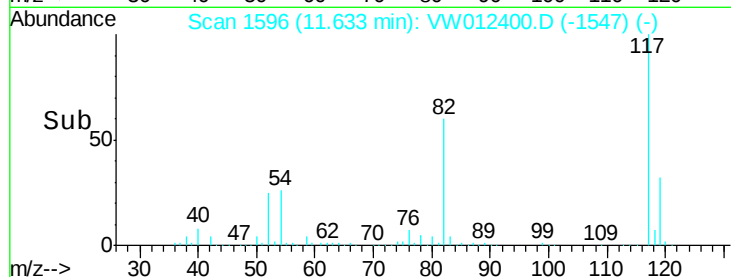
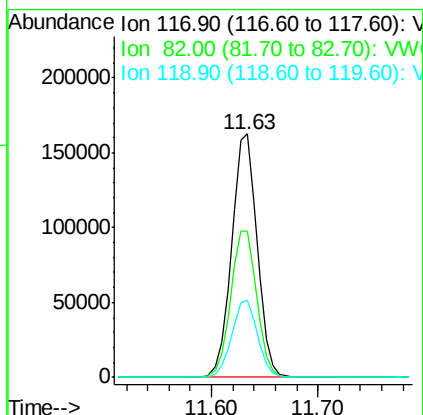
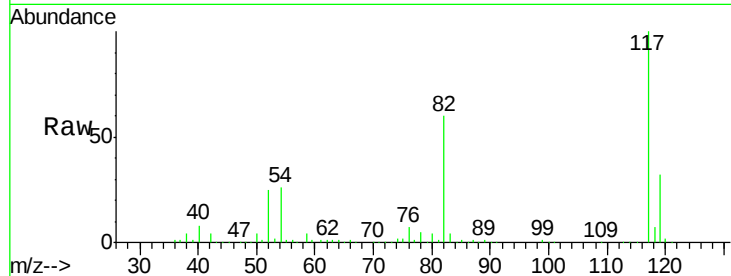




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012400.D
Acq: 31 Aug 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
T2-S3-(2.5)

Tot Ion:117 Resp: 273308
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012400.D
Acq: 31 Aug 2019 15:09

Tgt Ion:152 Resp: 97546
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 156.7 0.0 345.8

