

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008529.D
 Acq On : 06 Feb 2019 15:55
 Operator : SY/VA
 Sample : K1356-03
 Misc : 7.05G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-020519-B

Quant Time: Feb 07 03:15:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

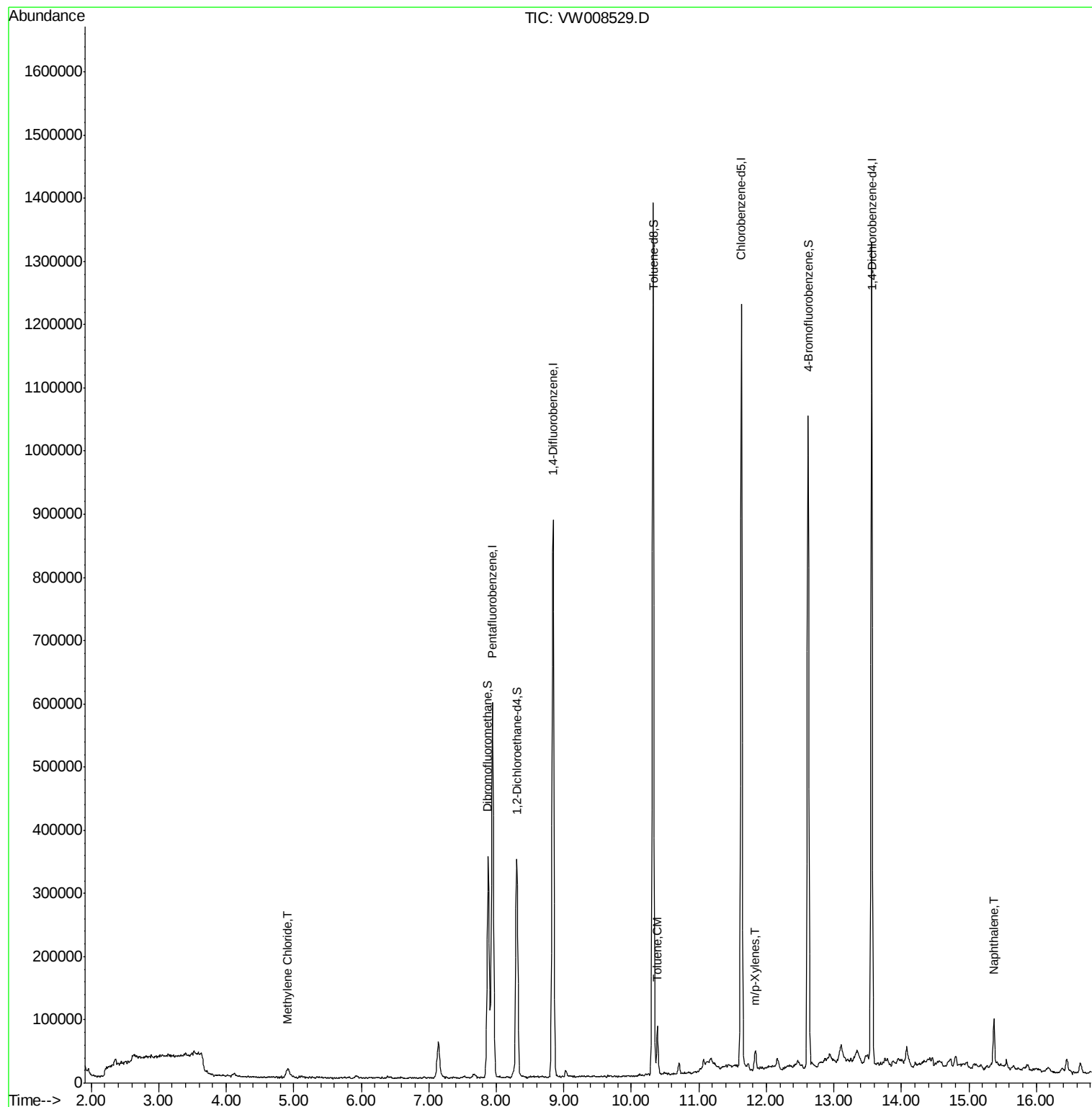
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	468676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	756603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	678949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	329407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	266350	57.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	239024	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.32	98	885838	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	326936	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.91	84	13614	2.857	ug/l	85
52) Toluene	10.39	92	29674	2.267	ug/l	94
68) m/p-Xylenes	11.84	106	9972	1.009	ug/l	89
95) Naphthalene	15.37	128	64342	5.358	ug/l #	94

(#) = 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

Lab File: VW008529.D

Acq: 06 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

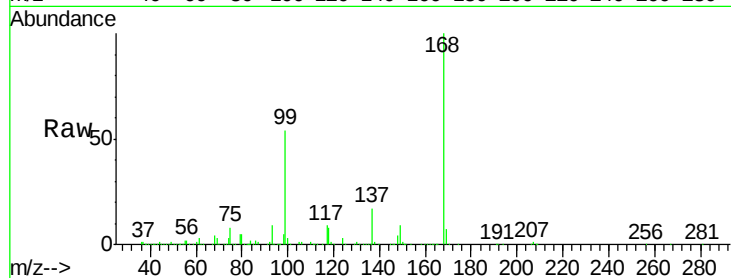
SU-01-020519-B

Tot Ion:168 Resp: 468676

Ion Ratio Lower Upper

168 100

99 54.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

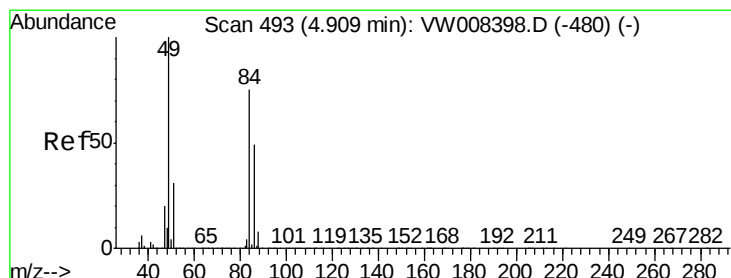
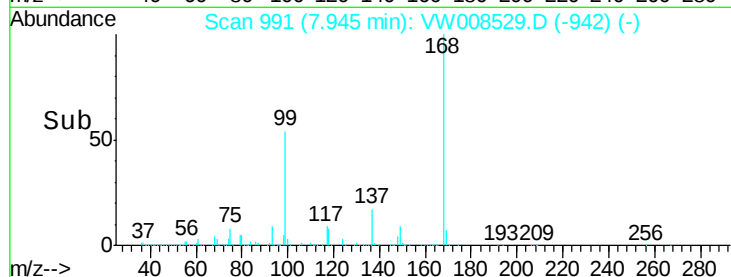
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.857 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW008529.D

Acq: 06 Feb 2019 15:55

Tgt Ion: 84 Resp: 13614

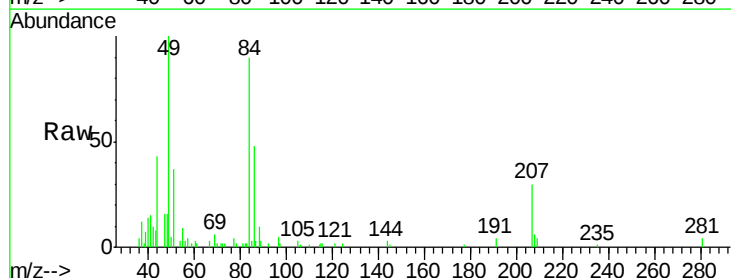
Ion Ratio Lower Upper

84 100

49 110.9 106.8 160.2

51 40.7 32.9 49.3

86 53.0 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

6000

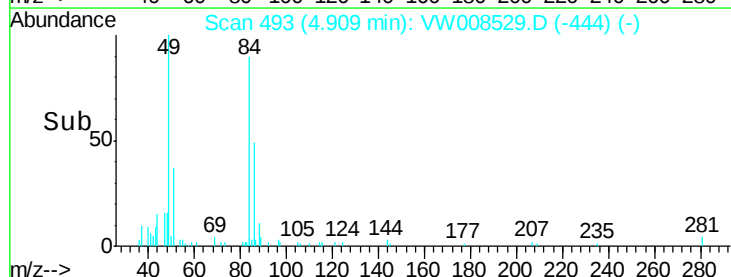
4000

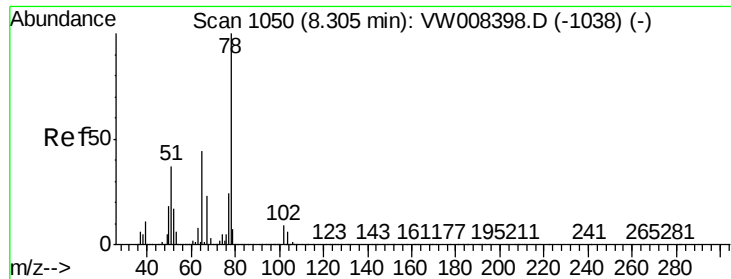
2000

0

Time-->

4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 57.848 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008529.D

Acq: 06 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

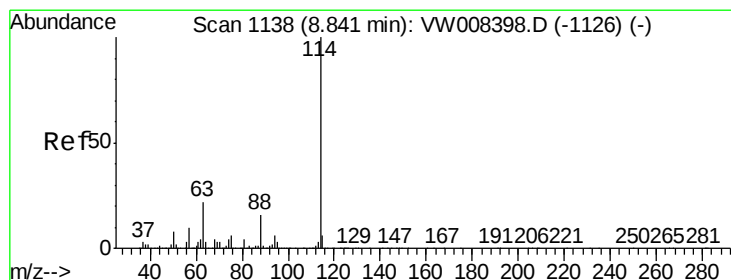
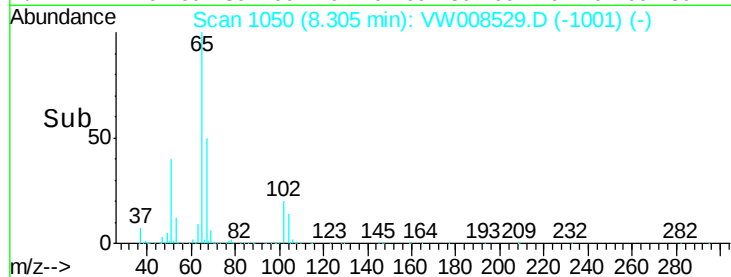
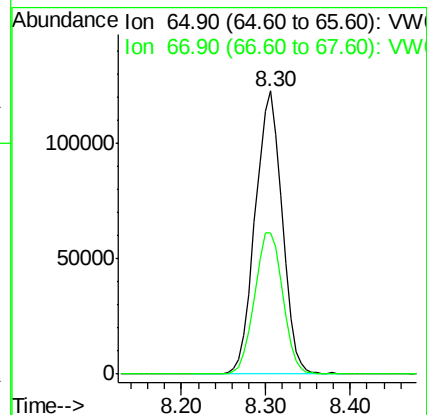
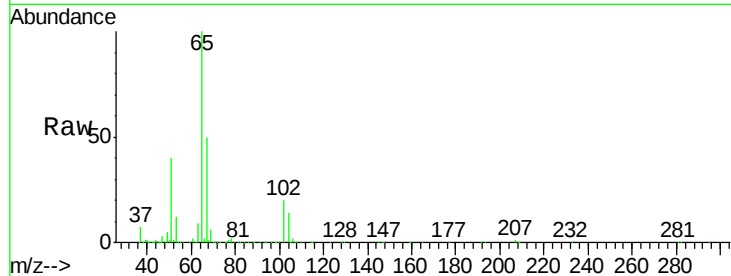
SU-01-020519-B

Tot Ion: 65 Resp: 266350

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008529.D

Acq: 06 Feb 2019 15:55

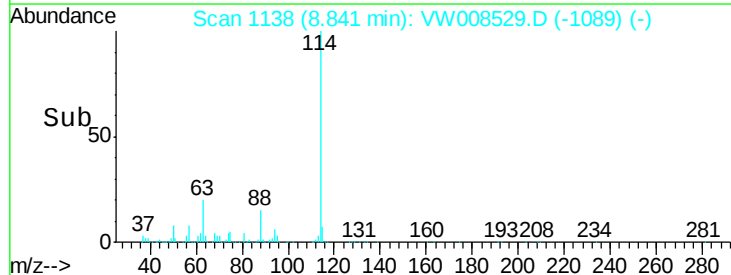
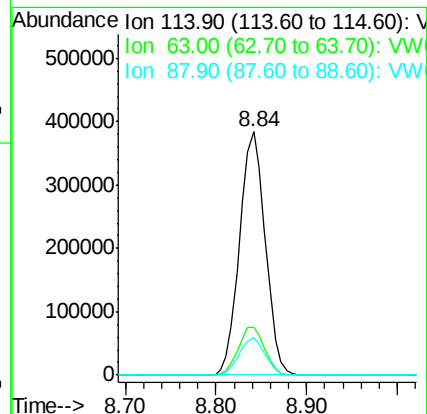
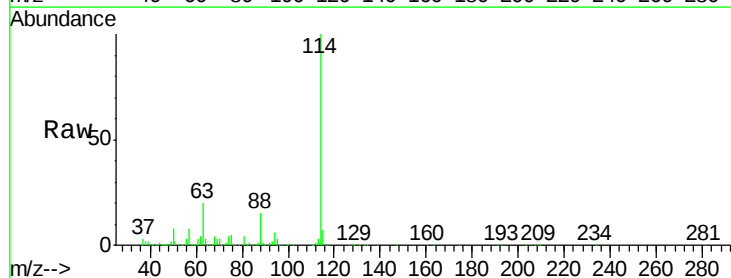
Tgt Ion: 114 Resp: 756603

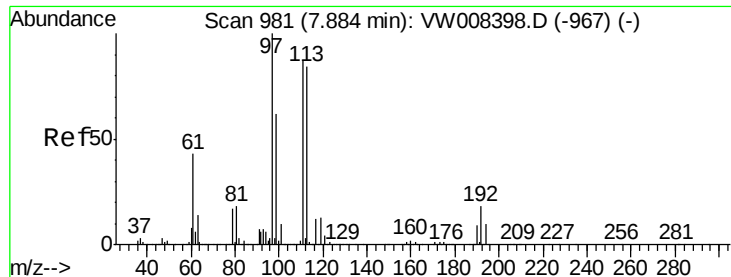
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.6

88 15.4 0.0 31.8

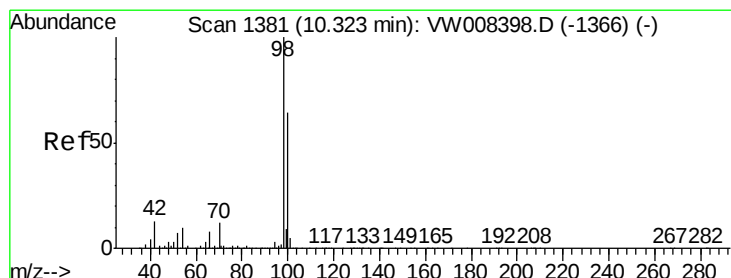
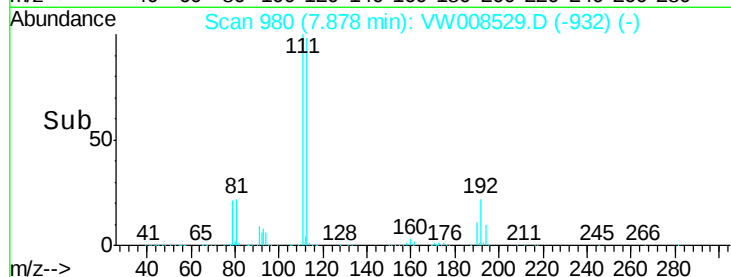
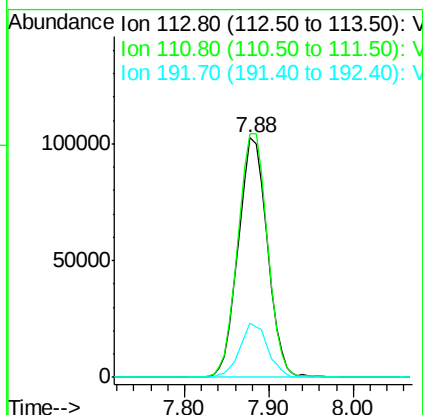
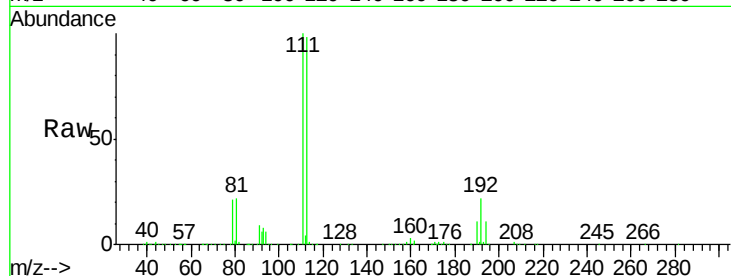




#35
Dibromofluoromethane
Concen: 54.028 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

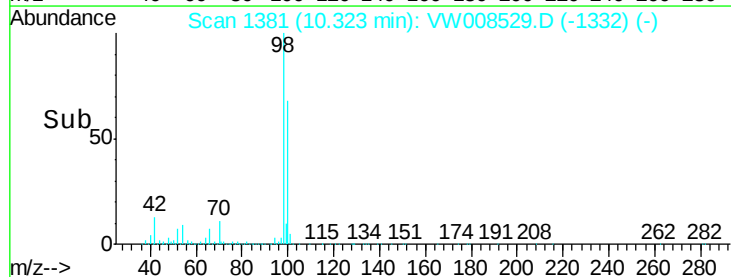
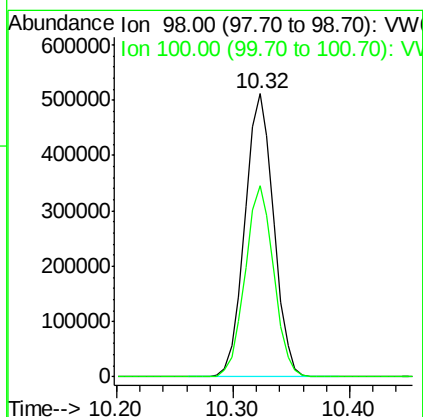
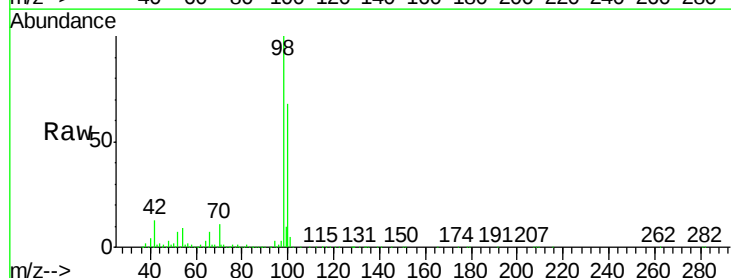
Instrument :
MSVOA_W
ClientSampleId :
SU-01-020519-B

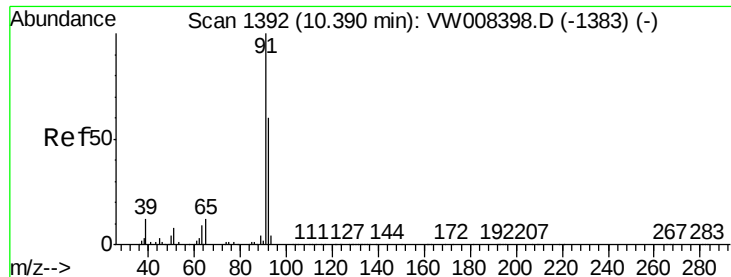
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.0	121.4
192	21.6	16.8	25.2



#50
Toluene-d8
Concen: 49.932 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.6	78.8





#52

Toluene

Concen: 2.267 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008529.D

Acq: 06 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

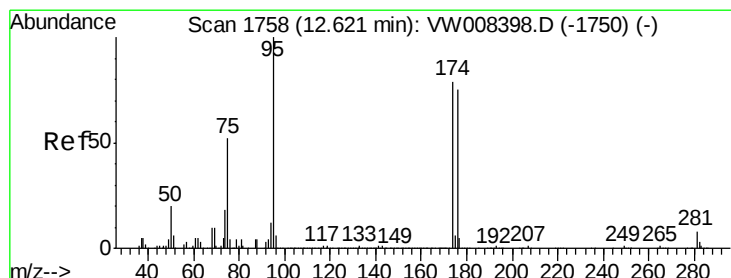
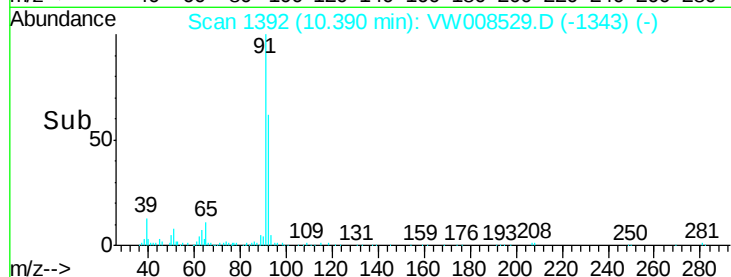
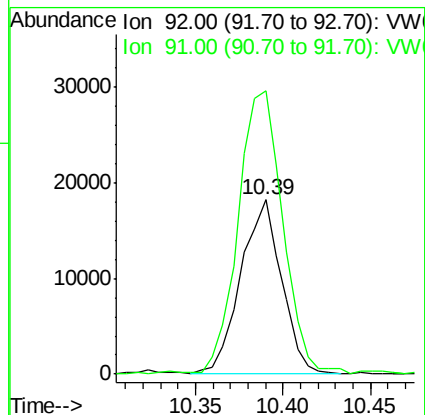
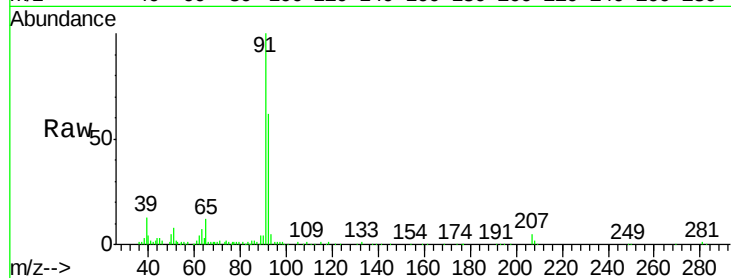
SU-01-020519-B

Tot Ion: 92 Resp: 29674

Ion Ratio Lower Upper

92 100

91 177.0 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 47.943 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008529.D

Acq: 06 Feb 2019 15:55

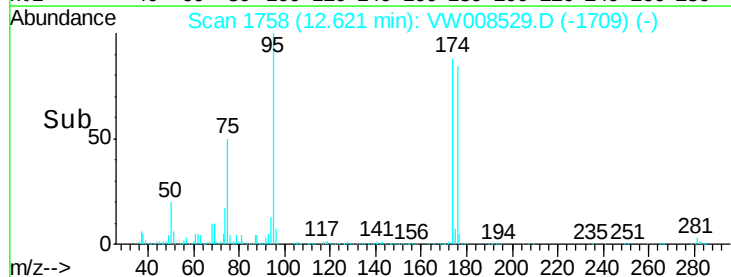
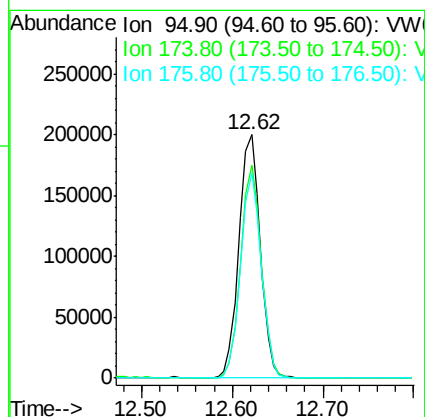
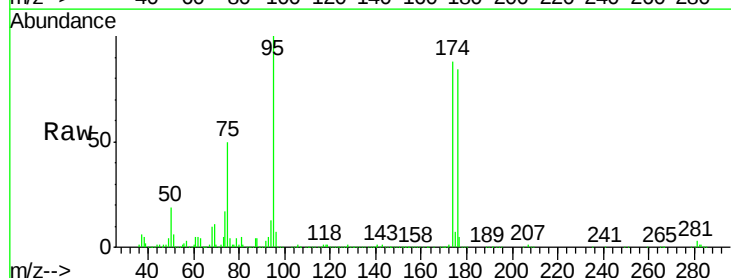
Tgt Ion: 95 Resp: 326936

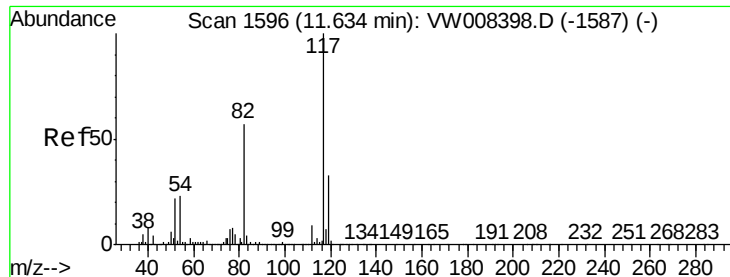
Ion Ratio Lower Upper

95 100

174 85.0 0.0 157.6

176 81.8 0.0 151.8

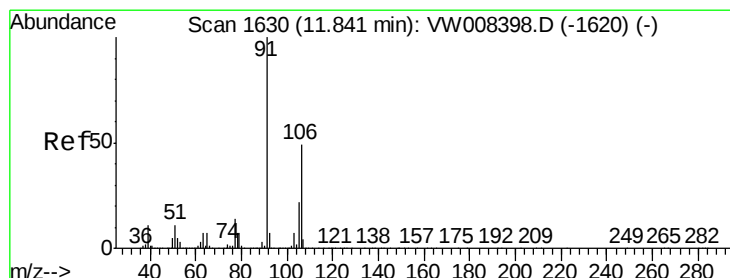
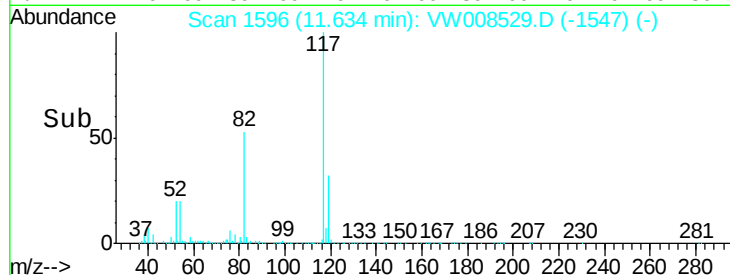
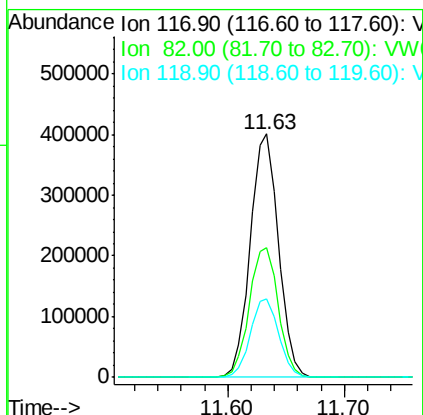
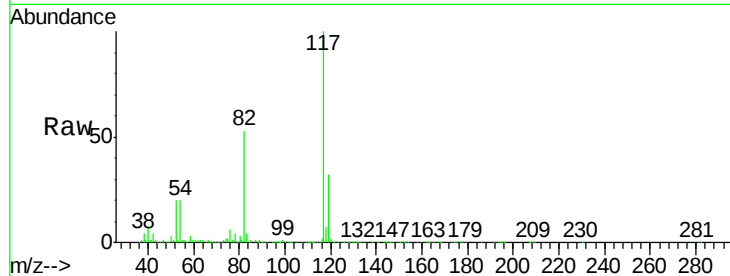




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

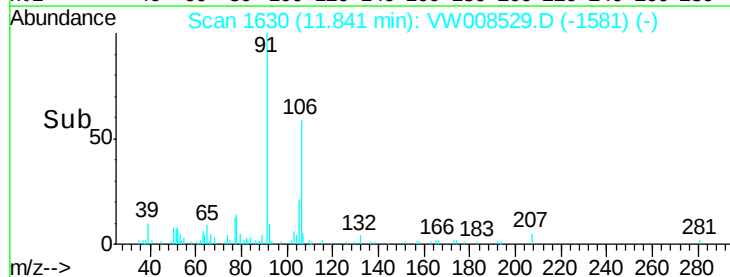
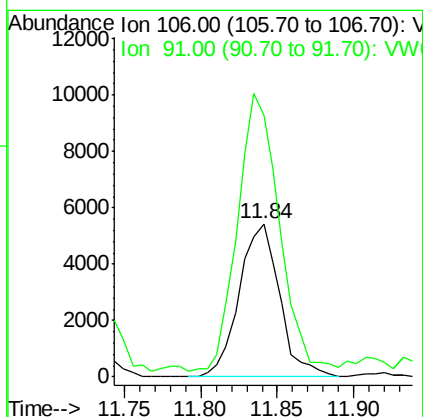
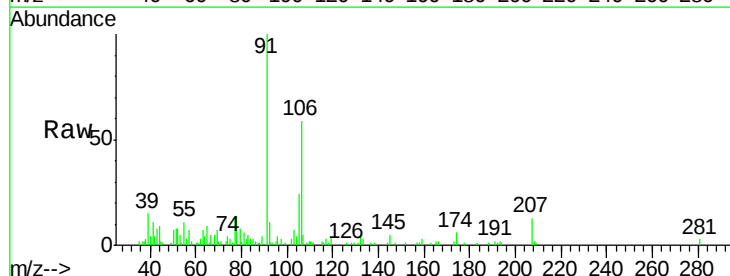
Instrument :
MSVOA_W
ClientSampled :
SU-01-020519-B

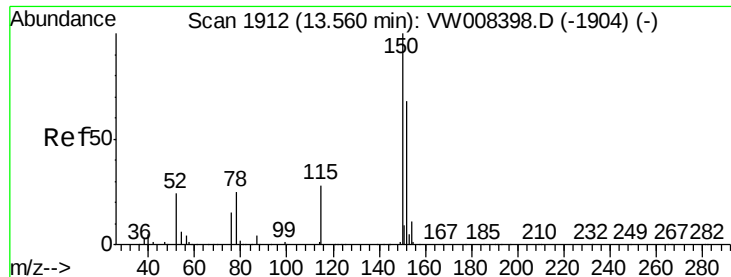
Tot Ion:117 Resp: 678949
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 32.2 26.2 39.4



#68
m/p-Xylenes
Concen: 1.009 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

Tgt Ion:106 Resp: 9972
Ion Ratio Lower Upper
106 100
91 187.2 162.9 244.3

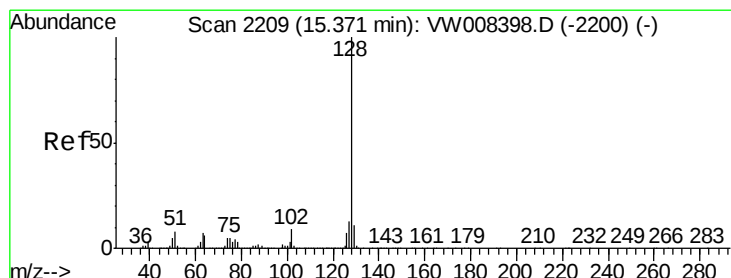
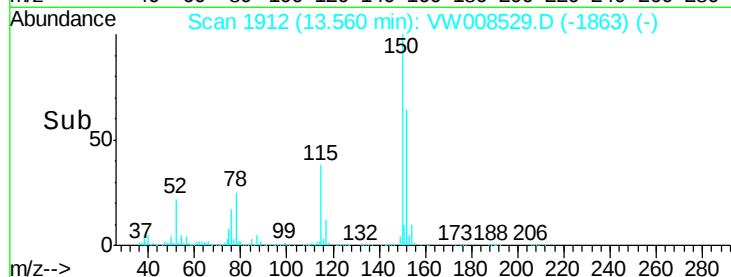
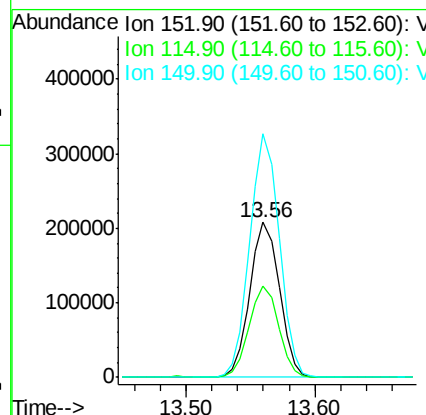
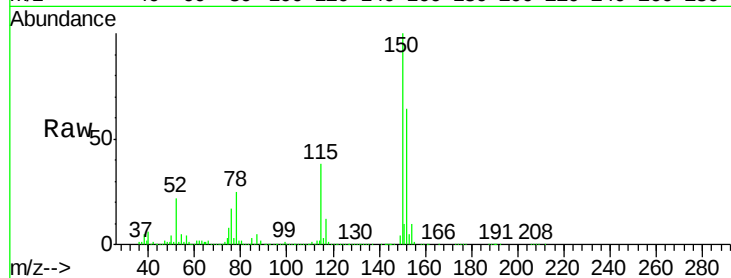




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008529.D
 Acq: 06 Feb 2019 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-020519-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.9	89.7
150	157.3	0.0	351.4



#95
 Naphthalene
 Concen: 5.358 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW008529.D
 Acq: 06 Feb 2019 15:55

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	13.6	8.7	13.1#

