

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011877.D
 Acq On : 13 Aug 2019 03:46
 Operator : SY/VA
 Sample : K4230-05
 Misc : 5.50G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-D2-(0)

Quant Time: Aug 13 09:57:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

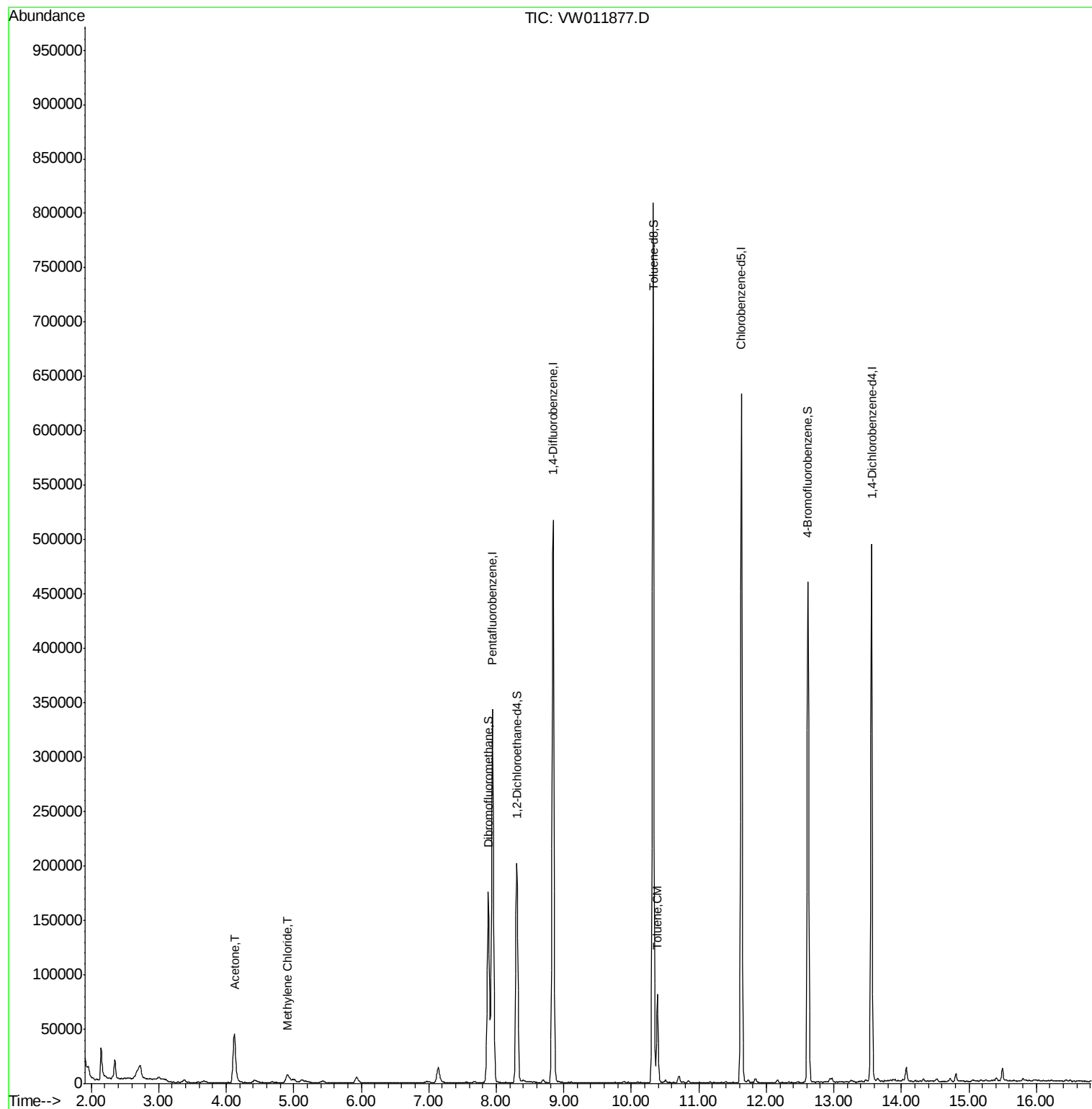
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	160021	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
35) Dibromofluoromethane	7.88	113	125387	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
50) Toluene-d8	10.32	98	496282	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.61	95	149649	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
16) Acetone	4.12	43	84598	96.300	ug/l	97
20) Methylene Chloride	4.90	84	5236	1.728	ug/l	89
52) Toluene	10.39	92	33356	4.709	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011877.D

Acq: 13 Aug 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

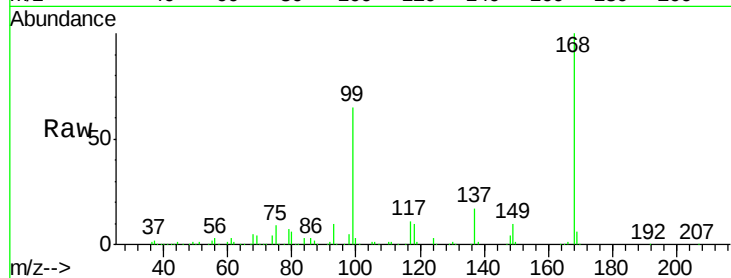
2S-D2-(0)

Tot Ion:168 Resp: 240506

Ion Ratio Lower Upper

168 100

99 64.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

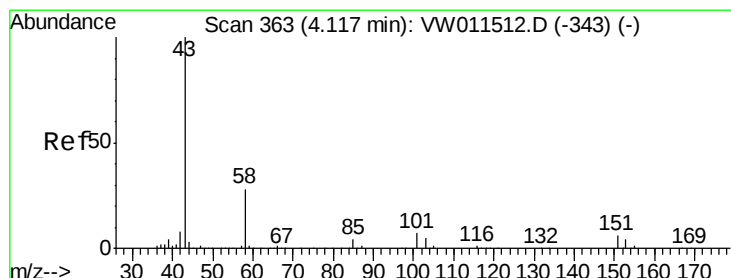
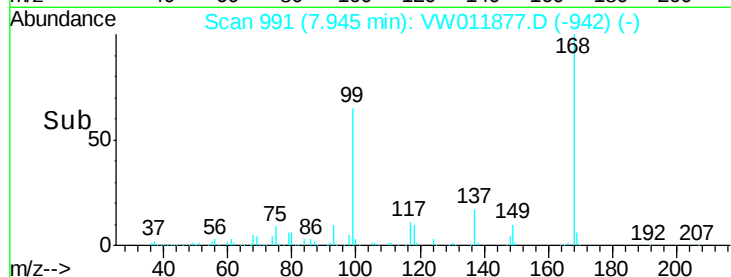
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 96.300 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011877.D

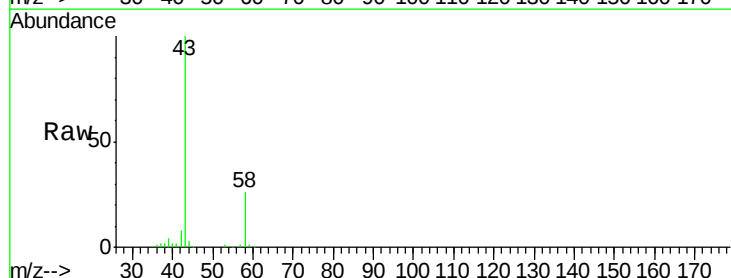
Acq: 13 Aug 2019 03:46

Tgt Ion: 43 Resp: 84598

Ion Ratio Lower Upper

43 100

58 26.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

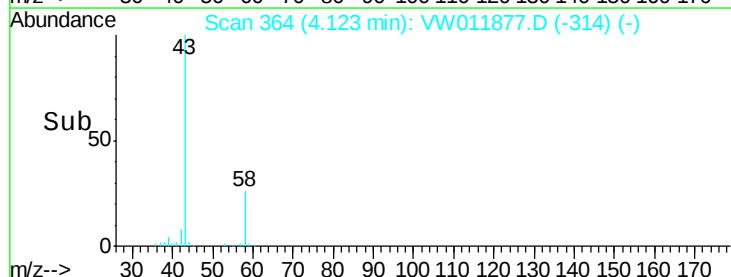
30000

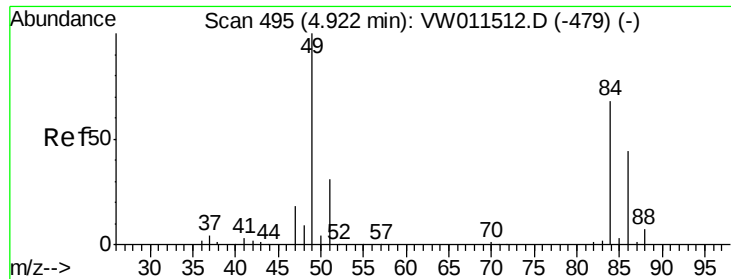
20000

10000

0

Time--> 4.00 4.10 4.20

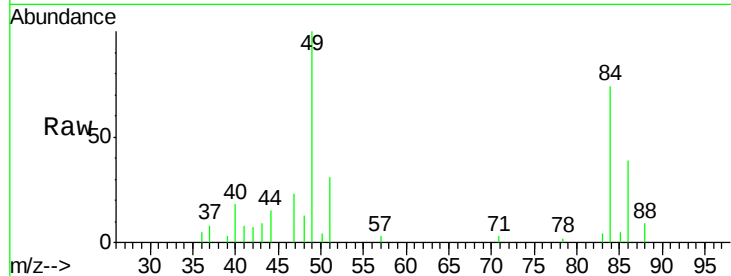




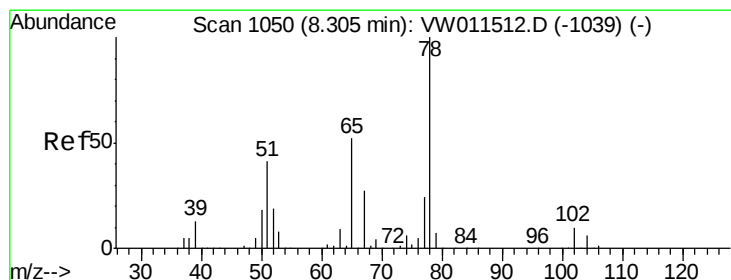
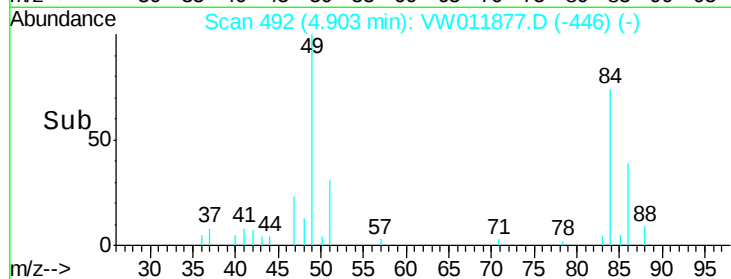
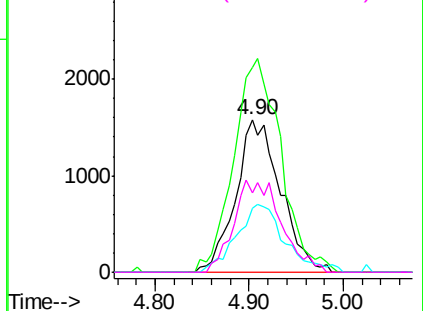
#20
Methvlene Chloride
Concen: 1.728 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

Instrument :
MSVOA_W
ClientSampleId :
2S-D2-(0)

Tot Ion:	84	Resp:	5236
Ion	Ratio	Lower	Upper
84	100		
49	134.6	117.8	176.6
51	41.7	37.0	55.4
86	52.0	51.8	77.8

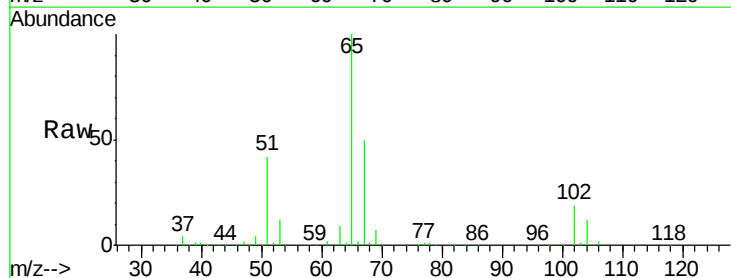


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

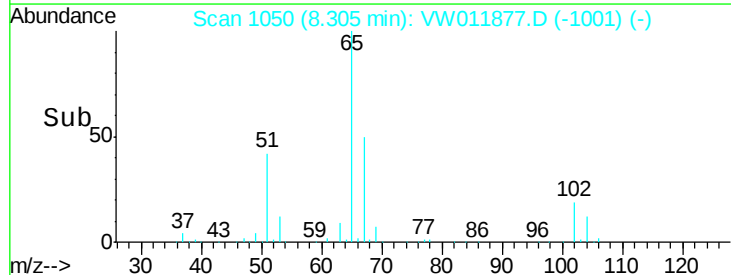
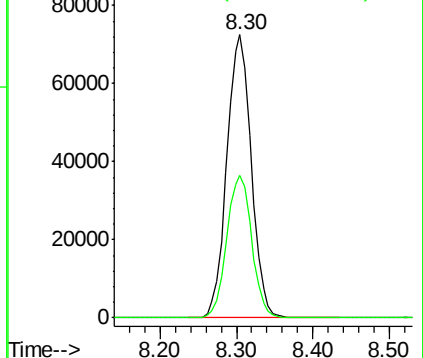


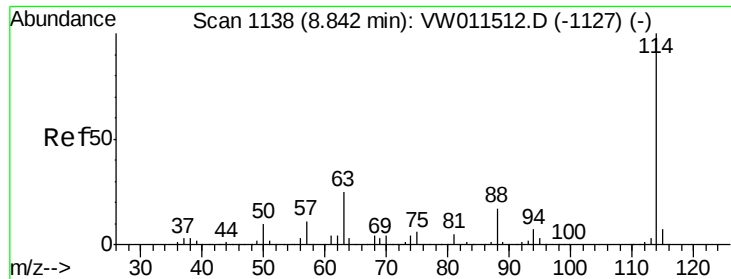
#33
1,2-Dichloroethane-d4
Concen: 57.943 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

Tgt Ion:	65	Resp:	160021
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

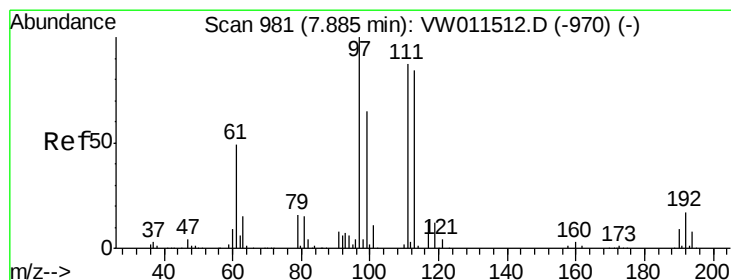
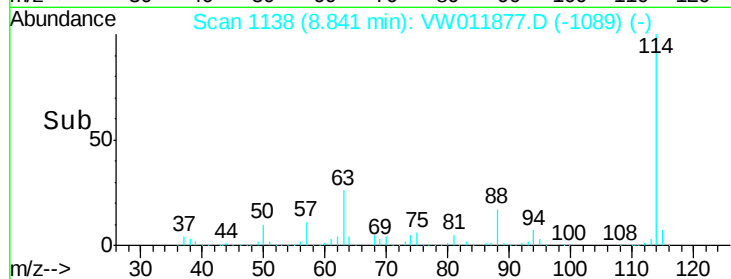
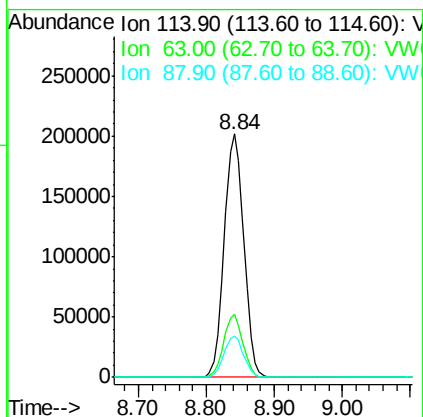
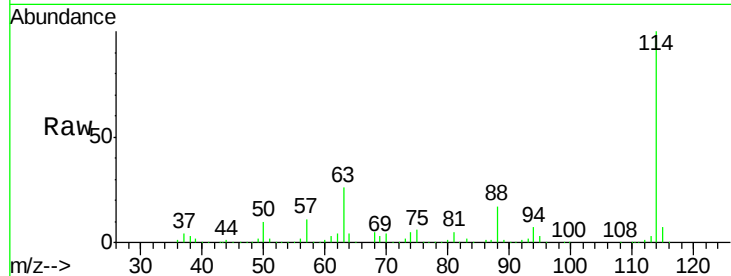




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011877.D
 Acq: 13 Aug 2019 03:46

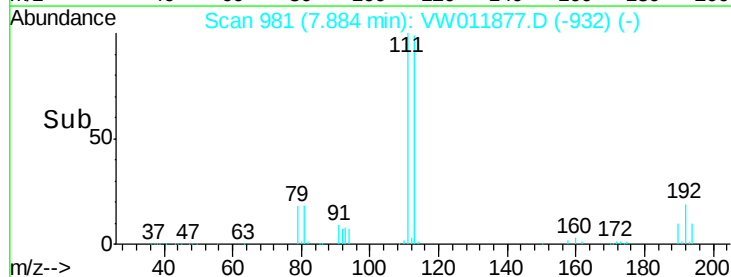
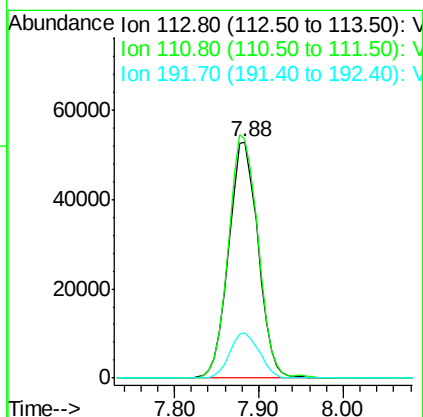
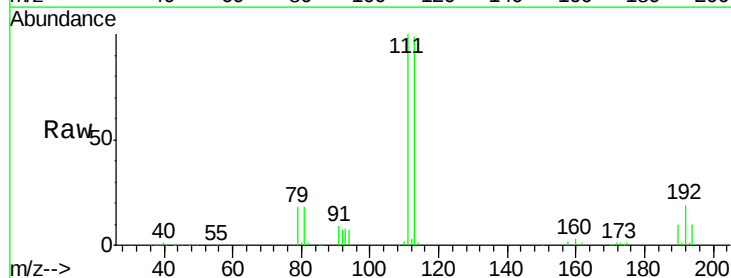
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-D2-(0)

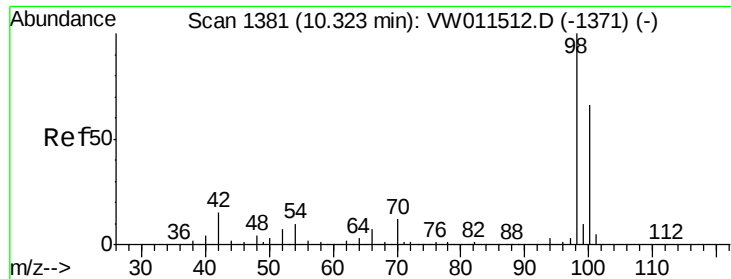
Tot Ion:114 Resp: 402679
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.2 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 55.503 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011877.D
 Acq: 13 Aug 2019 03:46

Tgt Ion:113 Resp: 125387
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 19.4 16.1 24.1





#50

Toluene-d8

Concen: 53.655 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011877.D

Acq: 13 Aug 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

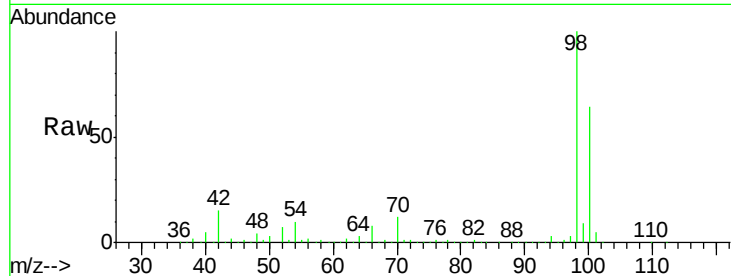
2S-D2-(0)

Tot Ion: 98 Resp: 496282

Ion Ratio Lower Upper

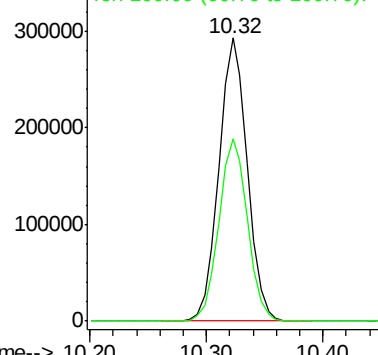
98 100

100 65.0 52.7 79.1

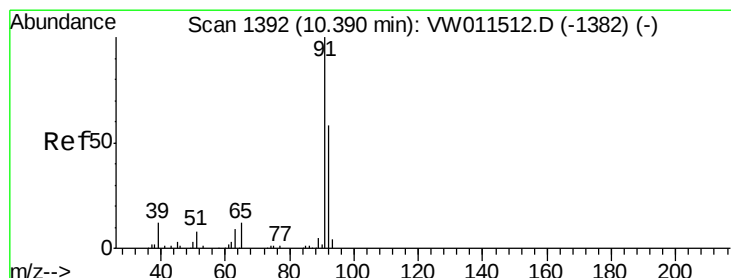
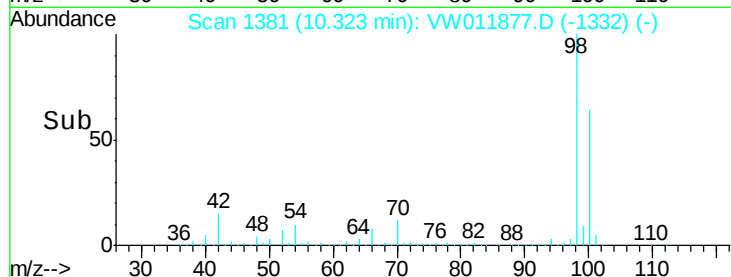


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time--> 10.20 10.30 10.40



#52

Toluene

Concen: 4.709 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011877.D

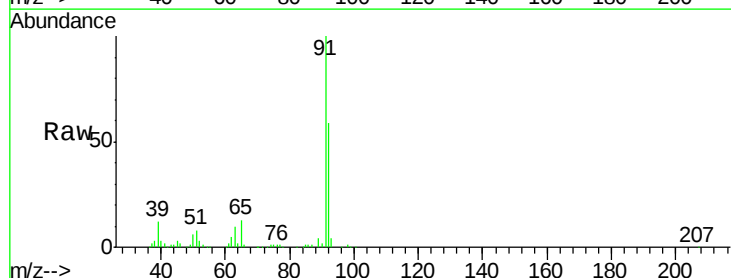
Acq: 13 Aug 2019 03:46

Tgt Ion: 92 Resp: 33356

Ion Ratio Lower Upper

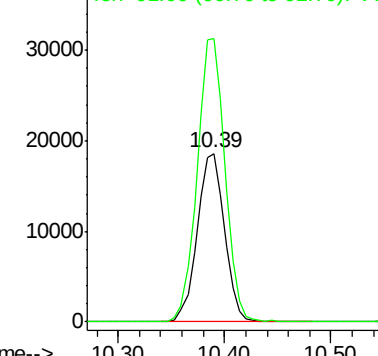
92 100

91 171.5 136.7 205.1

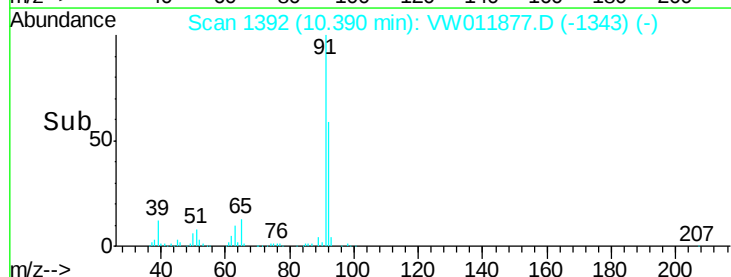


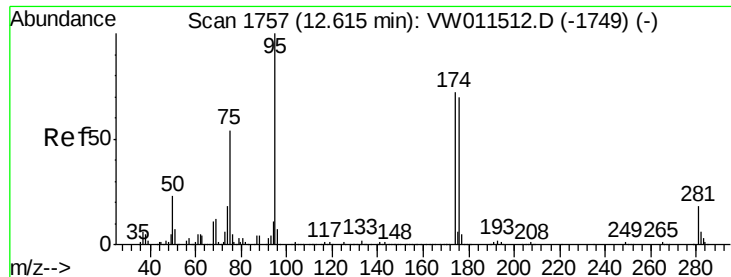
Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time--> 10.30 10.40 10.50

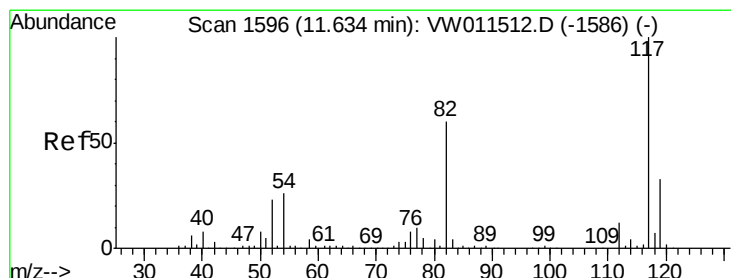
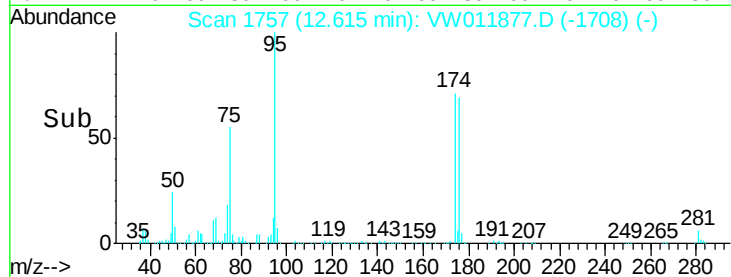
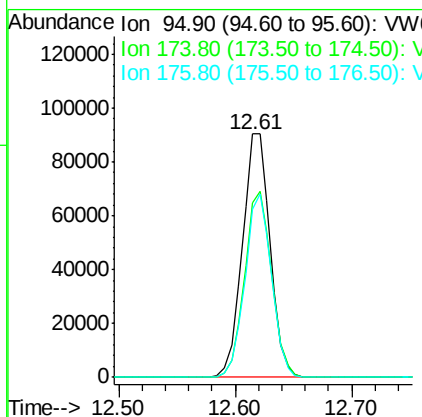
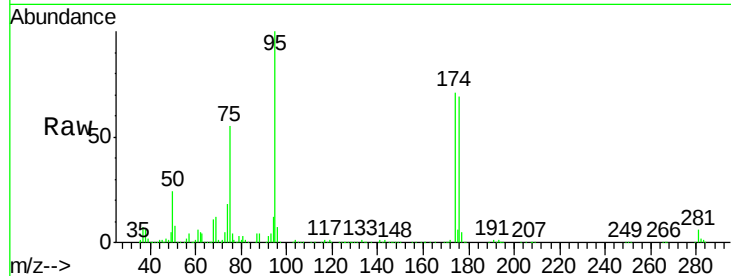




#62
4-Bromofluorobenzene
Concen: 45.381 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

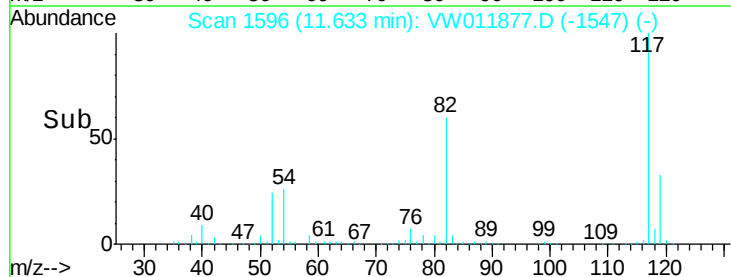
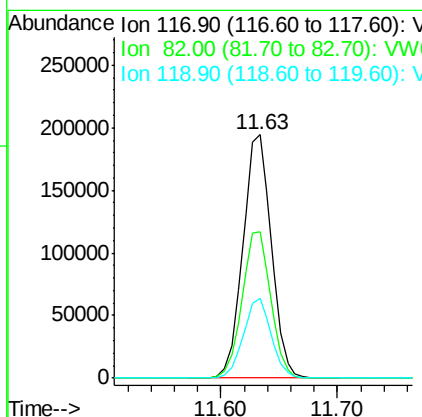
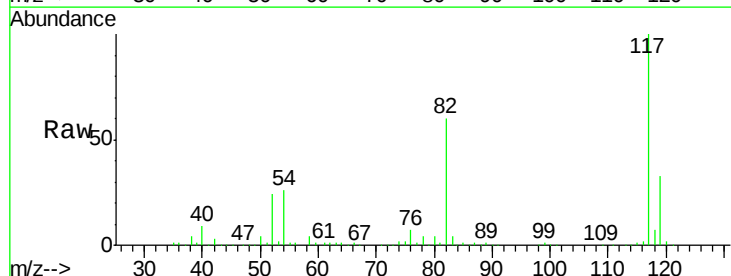
Instrument :
MSVOA_W
ClientSampleId :
2S-D2-(0)

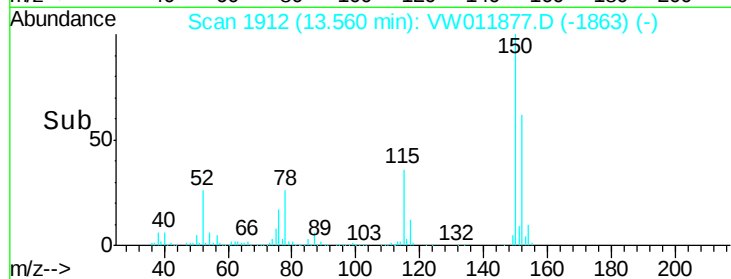
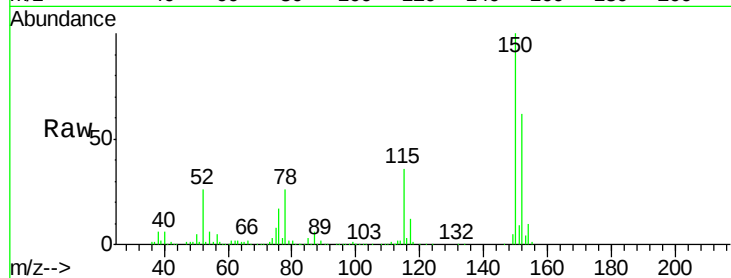
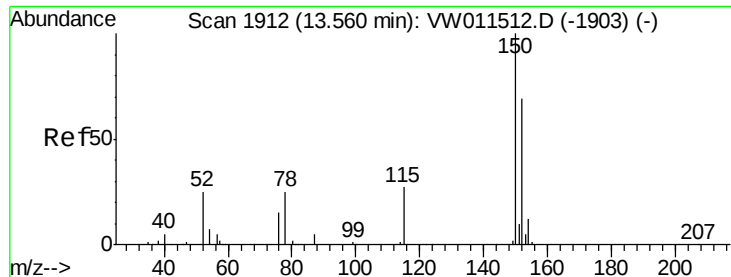
Tot Ion: 95 Resp: 149649
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.2
176 72.3 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011877.D
Acq: 13 Aug 2019 03:46

Tgt Ion: 117 Resp: 331605
Ion Ratio Lower Upper
117 100
82 60.1 47.9 71.9
119 32.7 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: VW011877.D

Acq: 13 Aug 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

2S-D2-(0)

Tot Ion:152 Resp: 122132

Ion Ratio Lower Upper

152 100

115 59.4 30.5 91.5

150 156.5 0.0 352.6

