

Data File : VW012695.D
Acq On : 06 Sep 2019 16:50
Operator : SY/VA
Sample : K4580-18
Misc : 4.52G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-A4-(0)

Quant Time: Sep 07 06:22:43 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

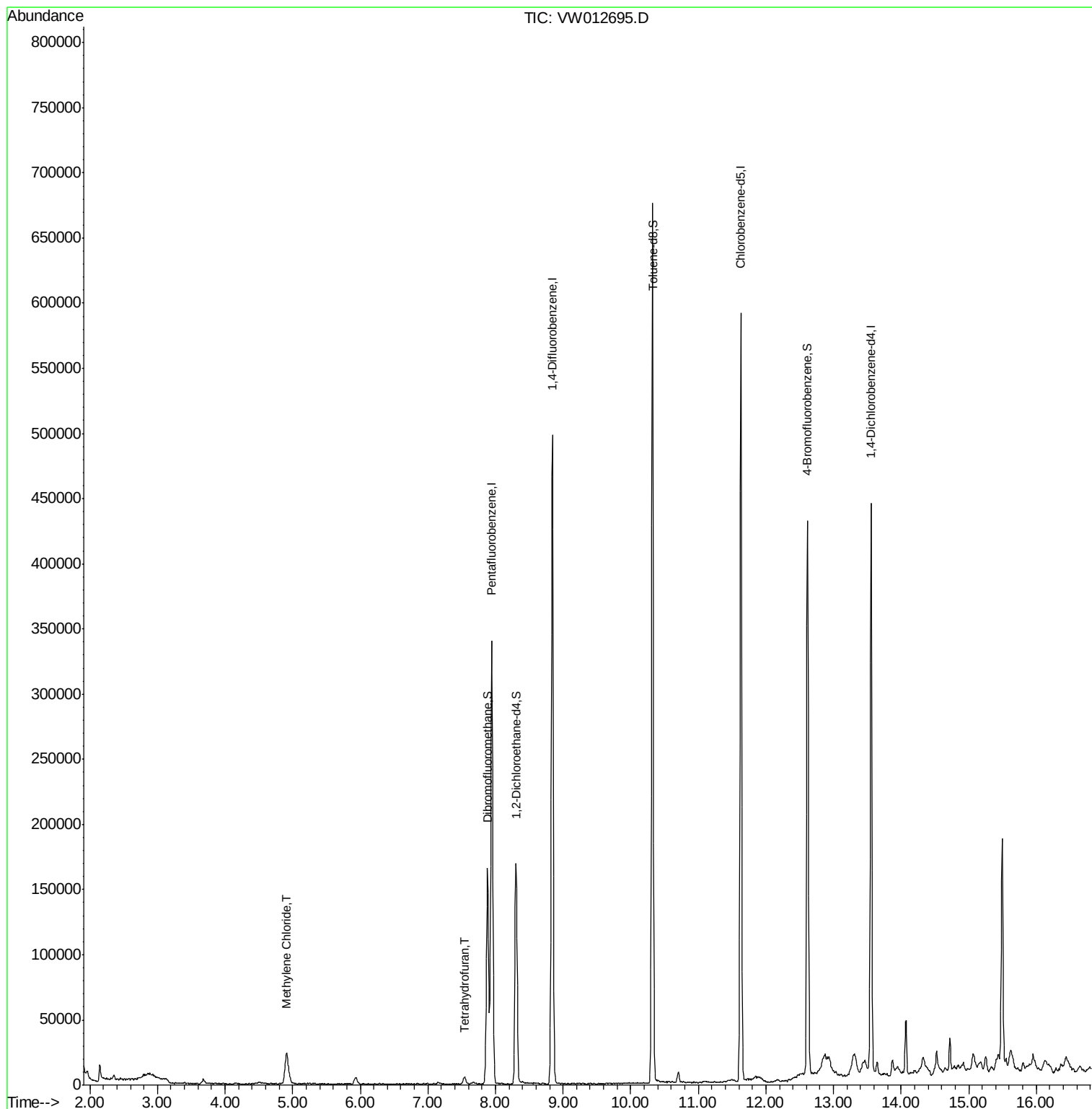
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	111044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145587	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
35) Dibromofluoromethane	7.88	113	117068	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.32	98	437219	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.62	95	139192	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
Target Compounds						
20) Methylene Chloride	4.92	84	19256	6.557	ug/l	91
29) Tetrahydrofuran	7.54	42	5239	8.272	ug/l	95

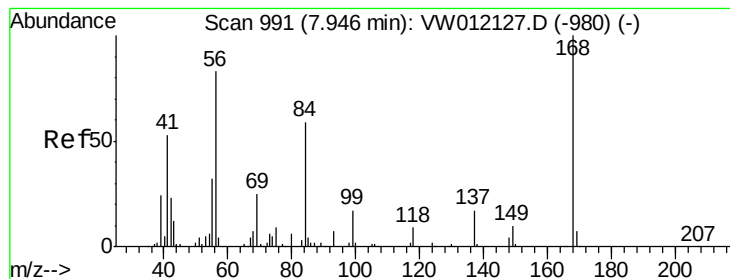
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Acq: 06 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

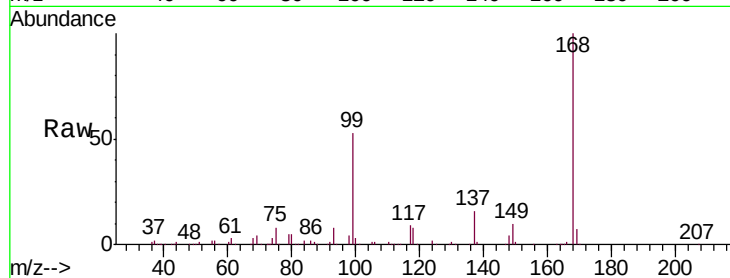
T12-A4-(0)

Tgt Ion:168 Resp: 255639

Ion Ratio Lower Upper

168 100

99 53.3 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

120000

100000

80000

60000

40000

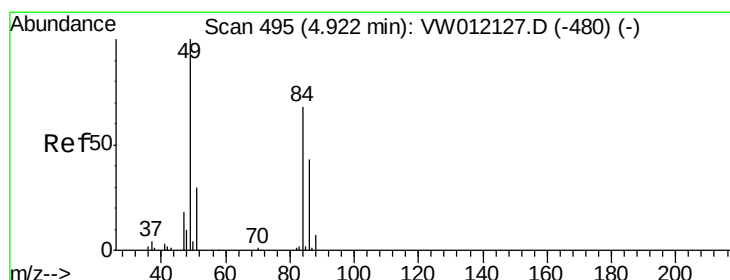
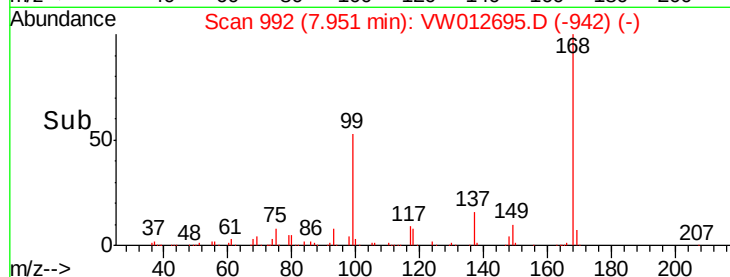
20000

0

Time-->

7.90

8.00



#20

Methylene Chloride

Concen: 6.557 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012695.D

Acq: 06 Sep 2019 16:50

Tgt Ion: 84 Resp: 19256

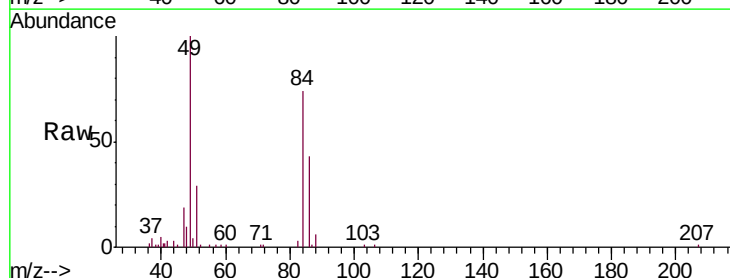
Ion Ratio Lower Upper

84 100

49 135.1 117.8 176.8

51 39.7 35.6 53.4

86 58.3 51.2 76.8



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

10000

8000

6000

4000

2000

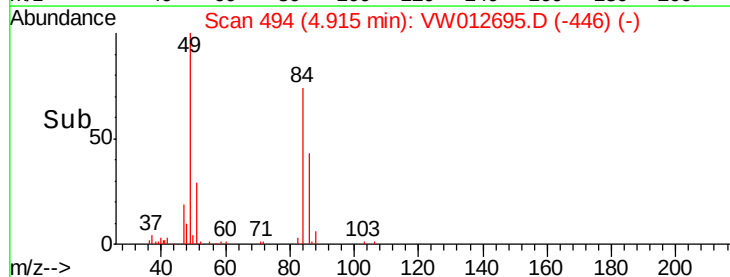
0

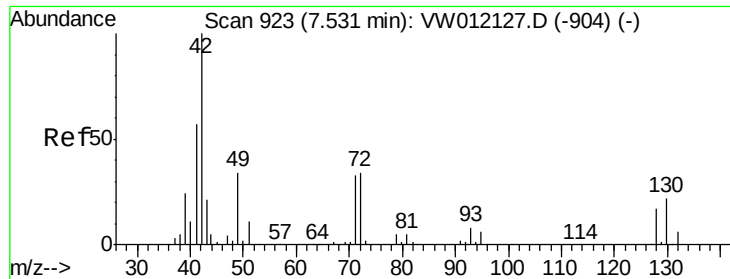
Time-->

4.80

4.90

5.00





#29

Tetrahydrofuran

Concen: 8.272 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012695.D

Acq: 06 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

T12-A4-(0)

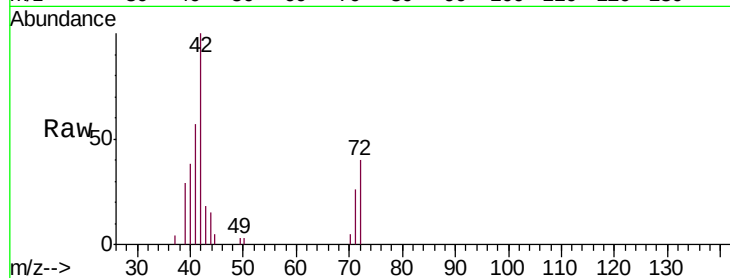
Tgt Ion: 42 Resp: 5239

Ion Ratio Lower Upper

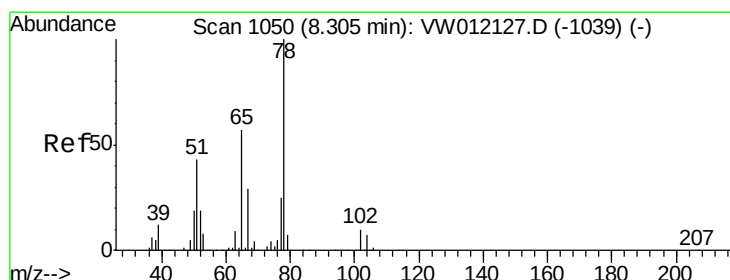
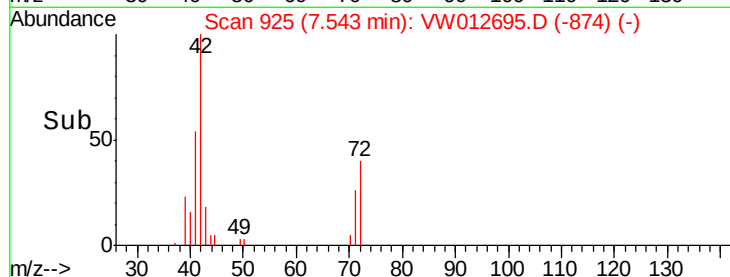
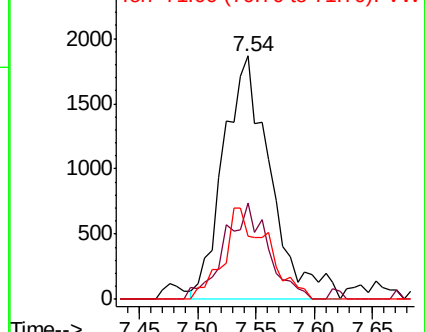
42 100

72 36.5 27.3 40.9

71 34.9 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 47.907 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012695.D

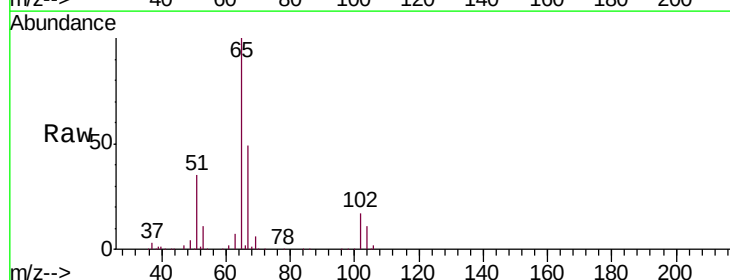
Acq: 06 Sep 2019 16:50

Tgt Ion: 65 Resp: 145587

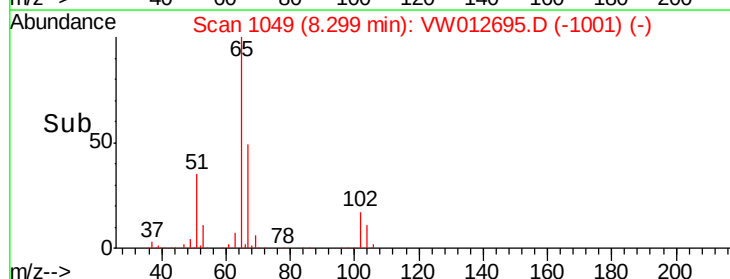
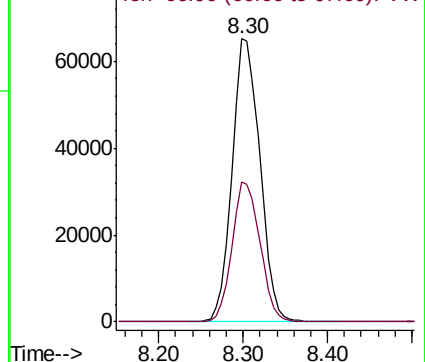
Ion Ratio Lower Upper

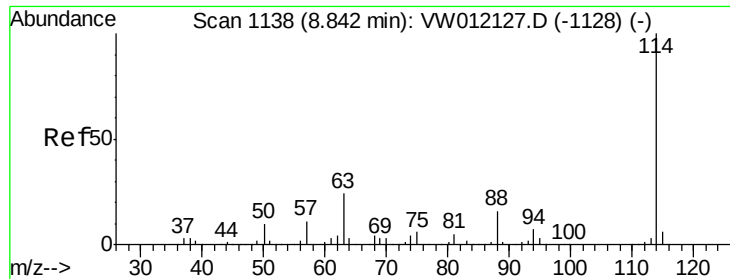
65 100

67 49.6 0.0 102.6



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

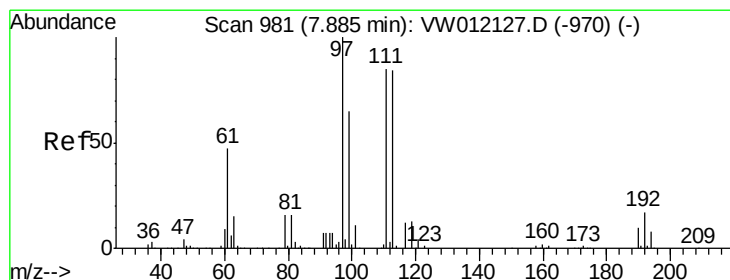
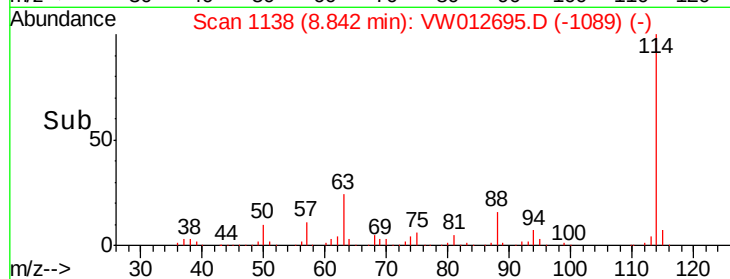
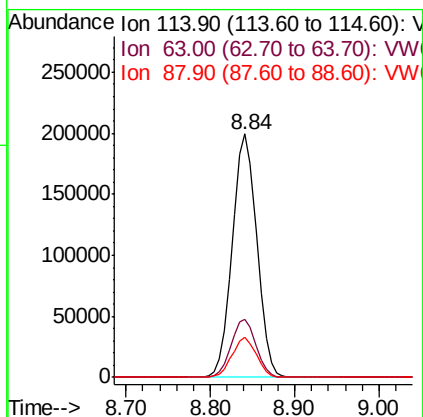
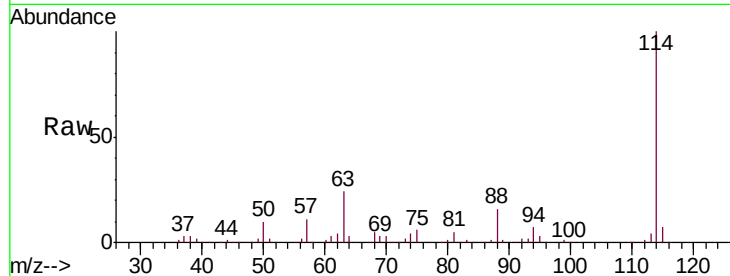




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012695.D
 Acq: 06 Sep 2019 16:50

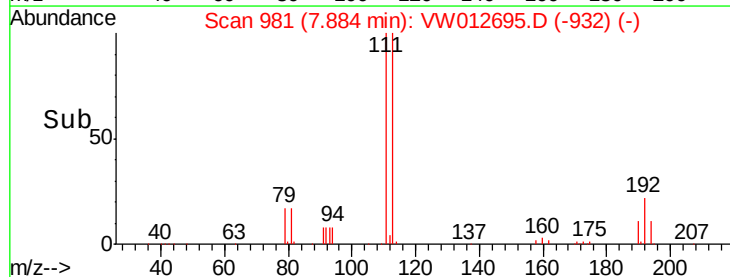
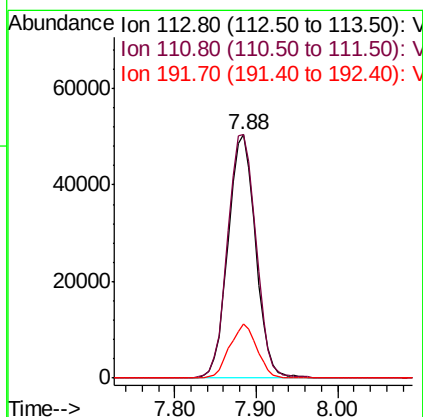
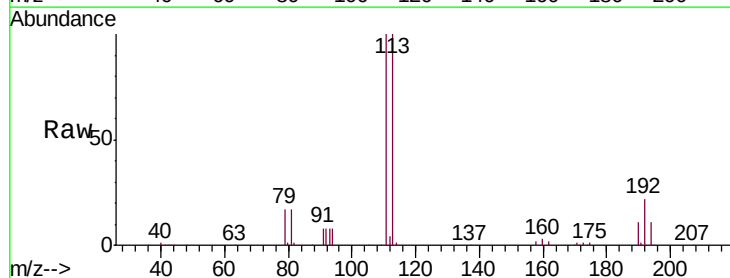
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-A4-(0)

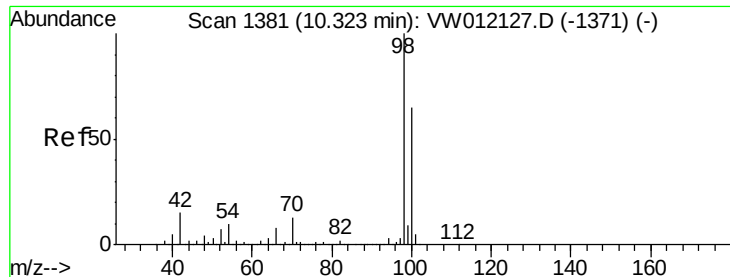
Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	48.6
88	16.5	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 49.985 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012695.D
 Acq: 06 Sep 2019 16:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	22.0	16.2	24.2





#50

Toluene-d8

Concen: 46.041 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012695.D

Acq: 06 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

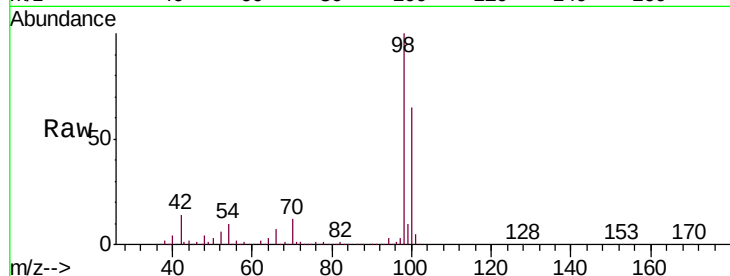
T12-A4-(0)

Tgt Ion: 98 Resp: 437219

Ion Ratio Lower Upper

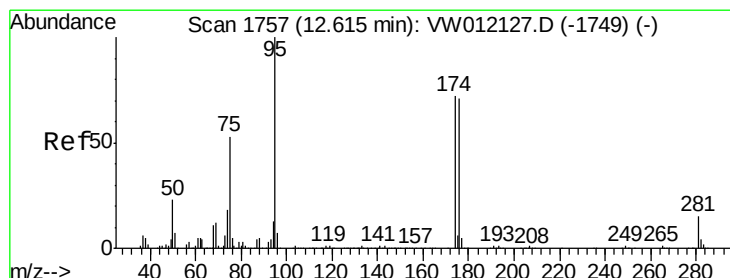
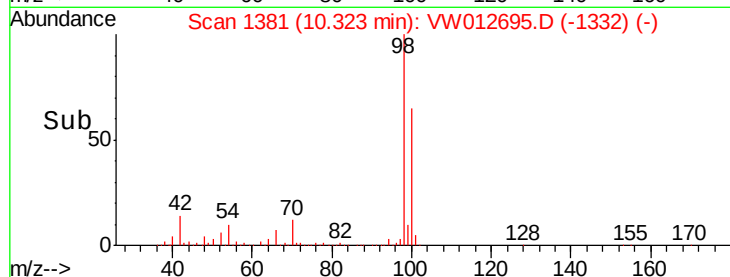
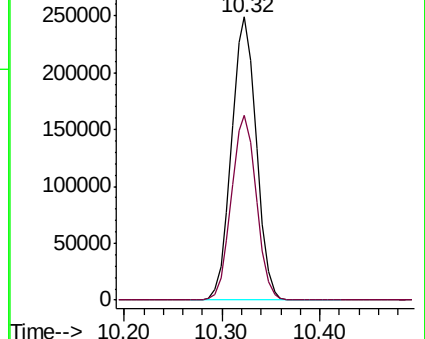
98 100

100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.582 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012695.D

Acq: 06 Sep 2019 16:50

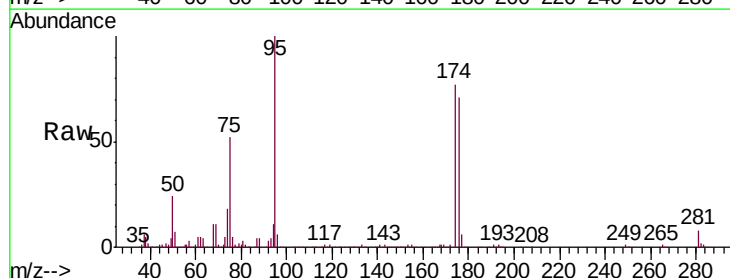
Tgt Ion: 95 Resp: 139192

Ion Ratio Lower Upper

95 100

174 80.4 0.0 150.8

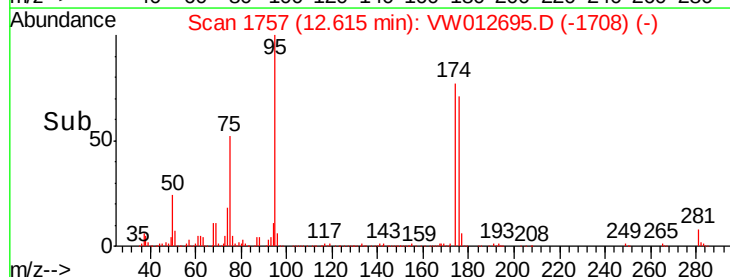
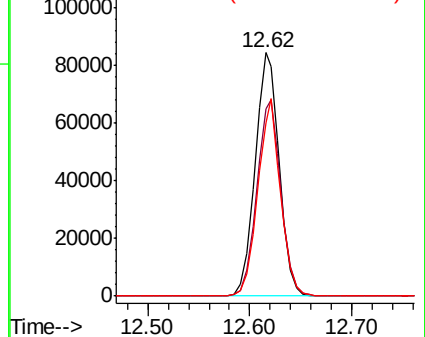
176 75.9 0.0 148.6

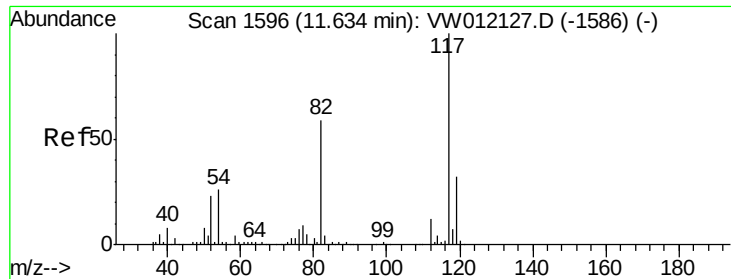


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

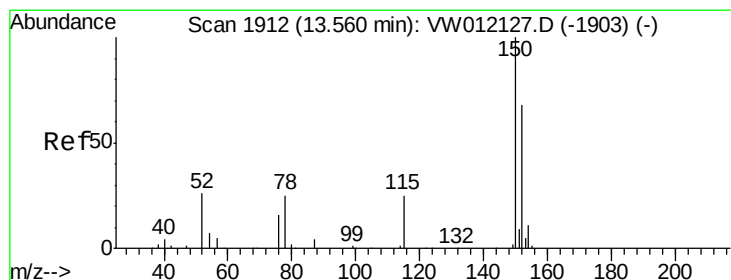
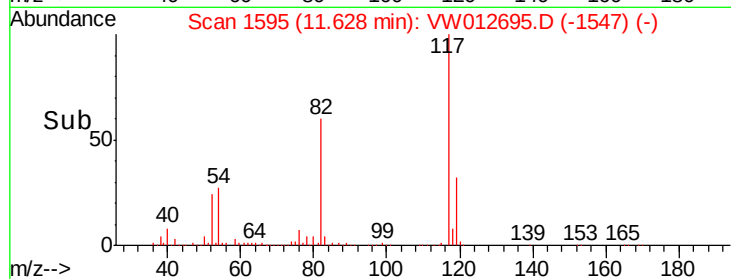
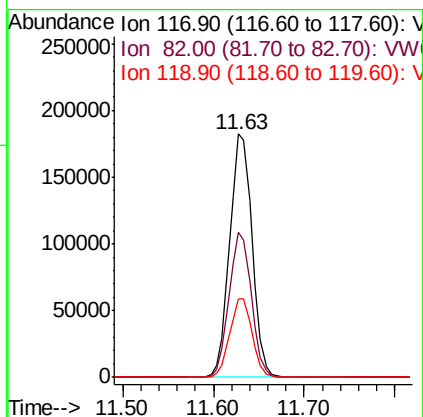
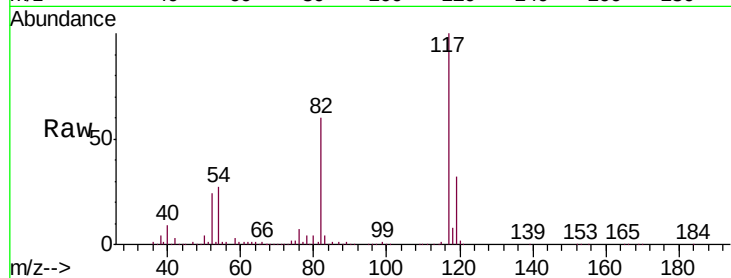




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012695.D
Acq: 06 Sep 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
T12-A4-(0)

Tgt Ion:117 Resp: 312761
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012695.D
Acq: 06 Sep 2019 16:50

Tgt Ion:152 Resp: 111044
Ion Ratio Lower Upper
152 100
115 59.2 30.1 90.3
150 158.1 0.0 345.8

