

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012286.D
 Acq On : 29 Aug 2019 06:46
 Operator : SY/VA
 Sample : K4536-06
 Misc : 5.45G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-25-27

Quant Time: Sep 06 03:53:02 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

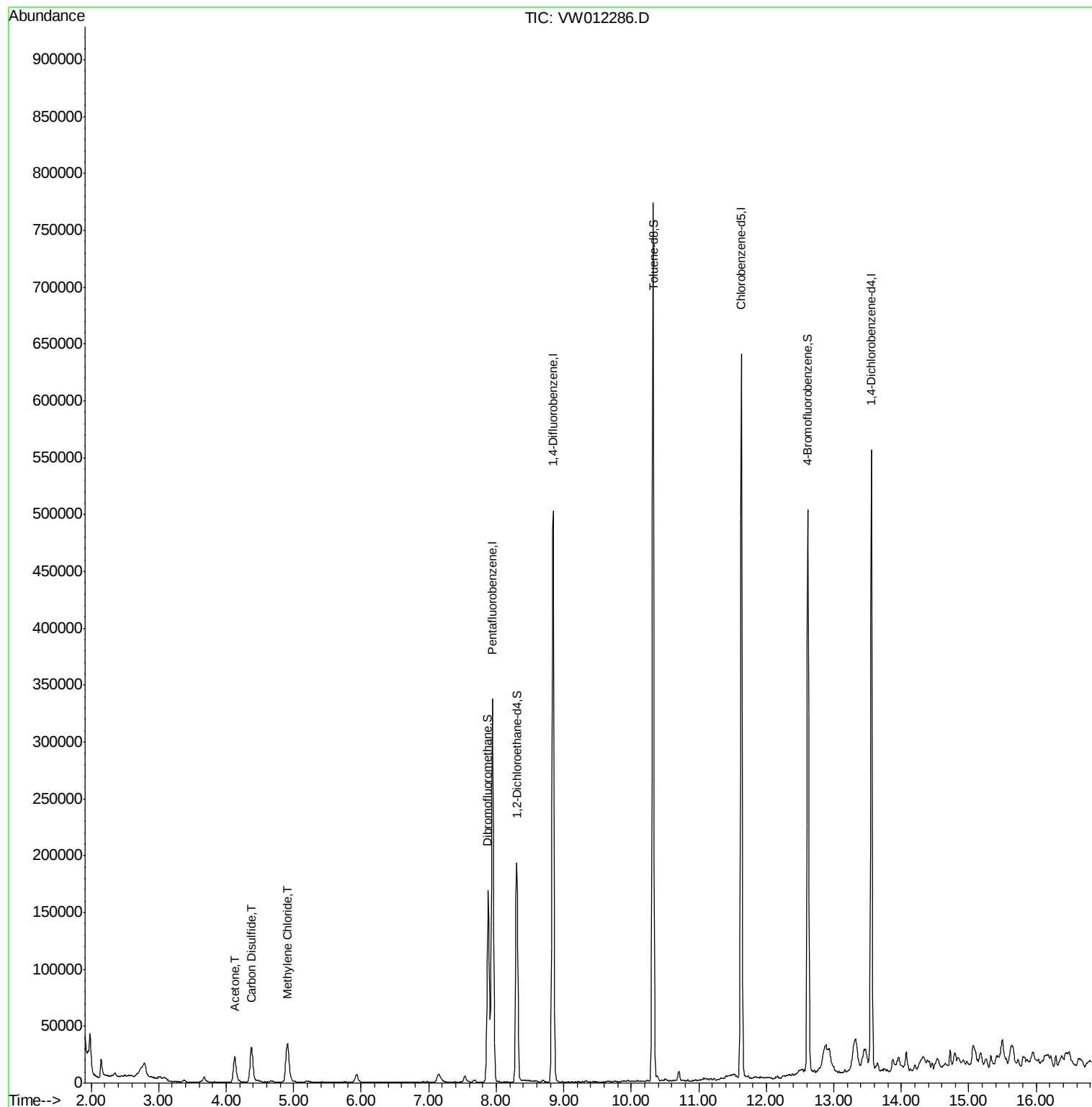
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158103	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	7.88	113	120200	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.32	98	491947	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	159760	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
16) Acetone	4.12	43	43909	58.530	ug/l	97
17) Carbon Disulfide	4.37	76	68254	9.120	ug/l	99
20) Methylene Chloride	4.91	84	25949	9.150	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

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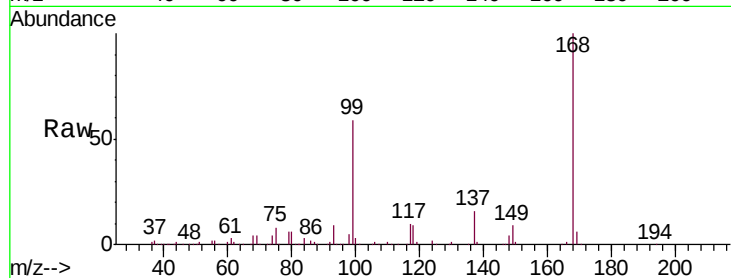
SB-1-25-27

Tgt Ion:168 Resp: 246880

Ion Ratio Lower Upper

168 100

99 59.0 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

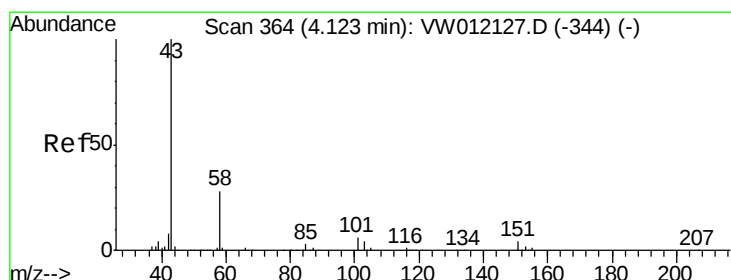
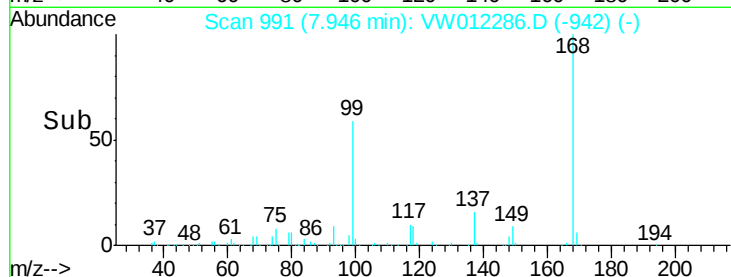
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 58.530 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW012286.D

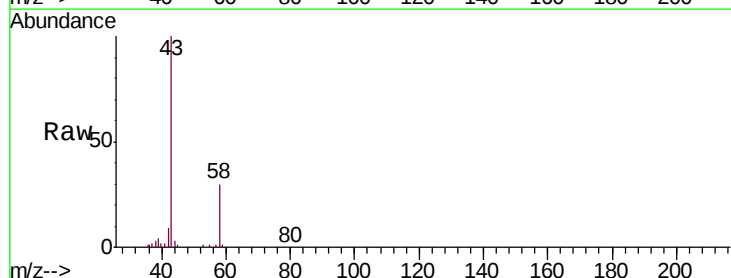
Acq: 29 Aug 2019 06:46

Tgt Ion: 43 Resp: 43909

Ion Ratio Lower Upper

43 100

58 29.7 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

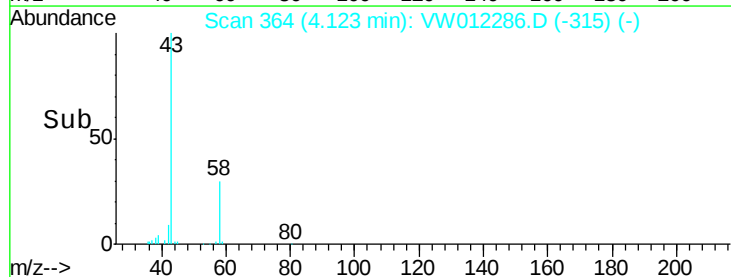
15000

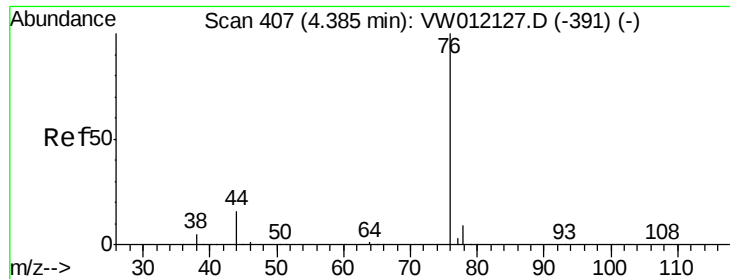
10000

5000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 9.120 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012286.D

Acq: 29 Aug 2019 06:46

Instrument :

MSVOA_W

ClientSampleId :

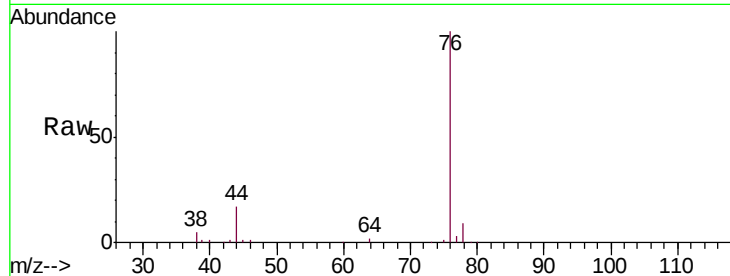
SB-1-25-27

Tgt Ion: 76 Resp: 68254

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

25000

20000

15000

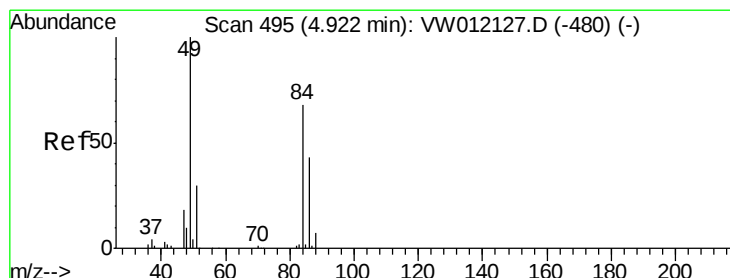
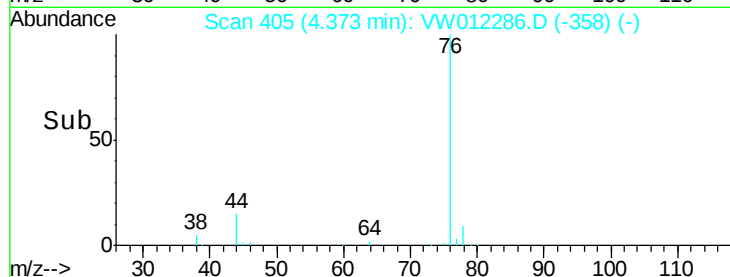
10000

5000

0

Time-->

4.30 4.40 4.50



#20

Methylene Chloride

Concen: 9.150 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012286.D

Acq: 29 Aug 2019 06:46

Tgt Ion: 84 Resp: 25949

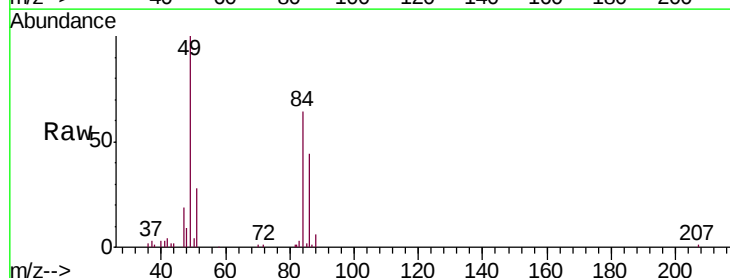
Ion Ratio Lower Upper

84 100

49 156.8 117.8 176.8

51 43.9 35.6 53.4

86 69.5 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

15000

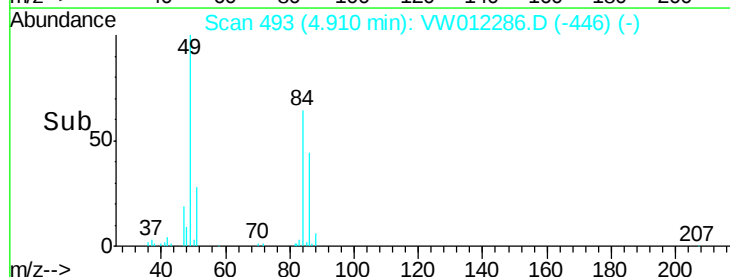
10000

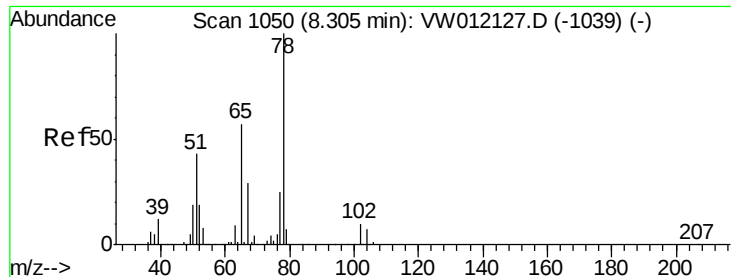
5000

0

Time-->

4.80 4.90 5.00

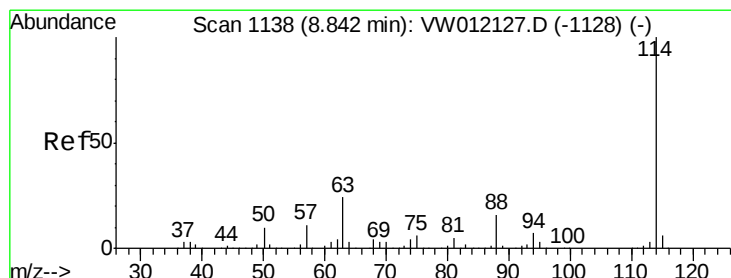
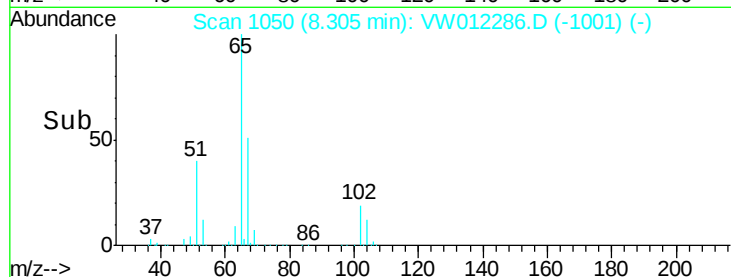
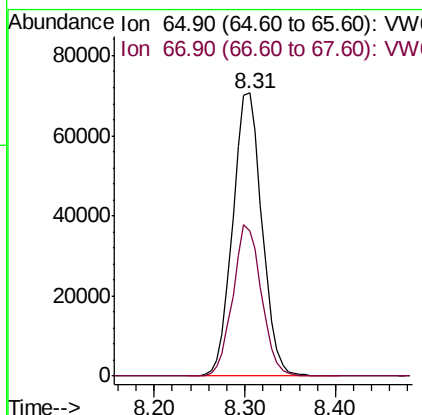
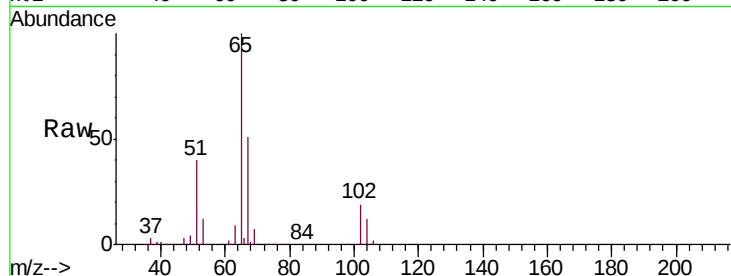




#33
 1,2-Dichloroethane-d4
 Concen: 53.872 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012286.D
 Acq: 29 Aug 2019 06:46

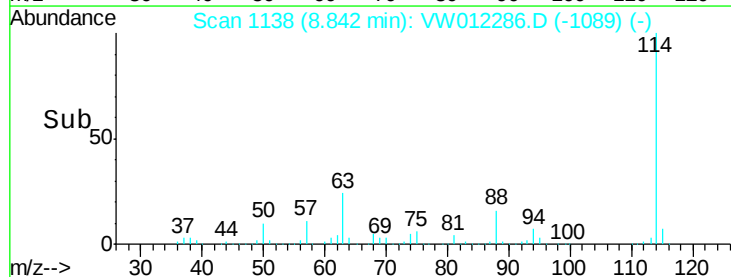
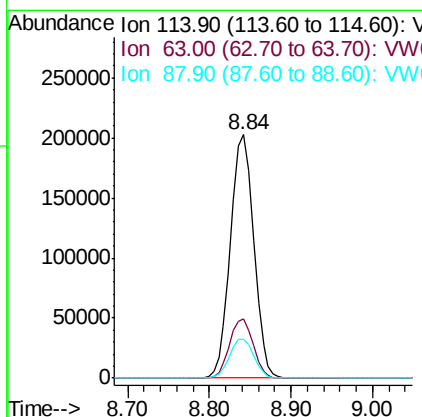
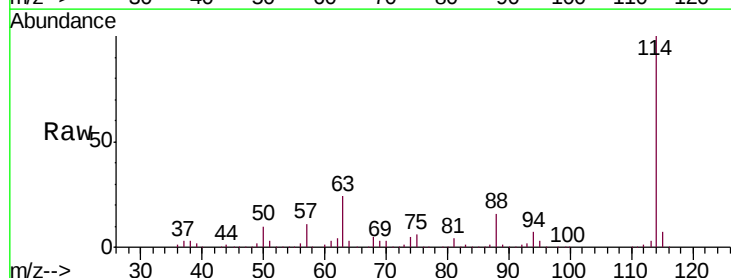
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-25-27

Tgt Ion: 65 Resp: 158103
 Ion Ratio Lower Upper
 65 100
 67 52.1 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: VW012286.D
 Acq: 29 Aug 2019 06:46

Tgt Ion: 114 Resp: 399973
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.347 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012286.D

Acq: 29 Aug 2019 06:46

Instrument :

MSVOA_W

ClientSampleId :

SB-1-25-27

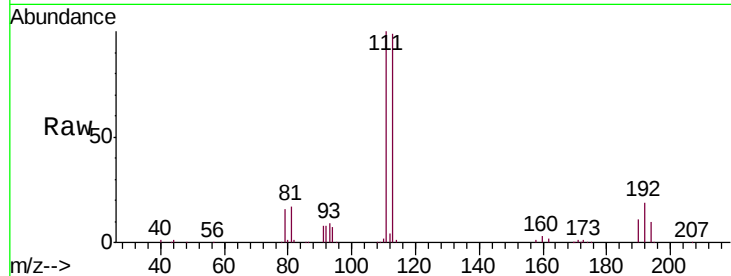
Tgt Ion:113 Resp: 120200

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

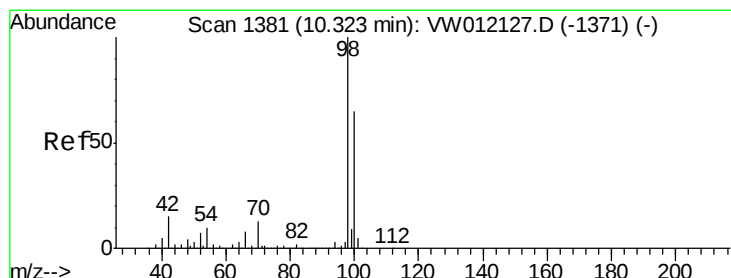
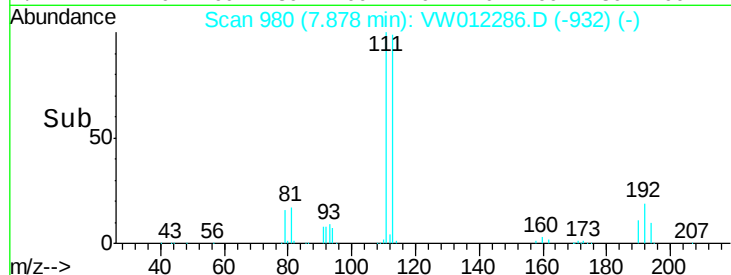
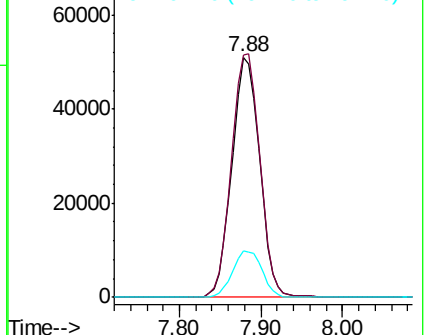
192 20.3 16.2 24.2



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: 50.819 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012286.D

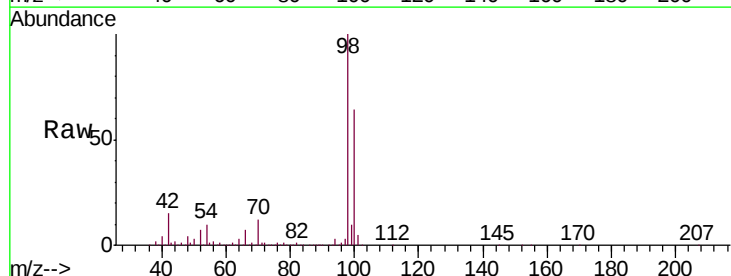
Acq: 29 Aug 2019 06:46

Tgt Ion: 98 Resp: 491947

Ion Ratio Lower Upper

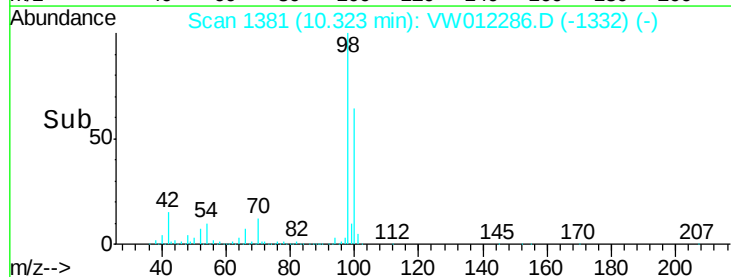
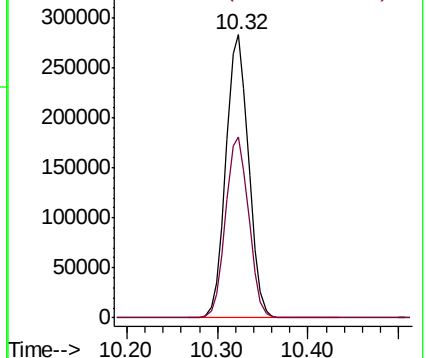
98 100

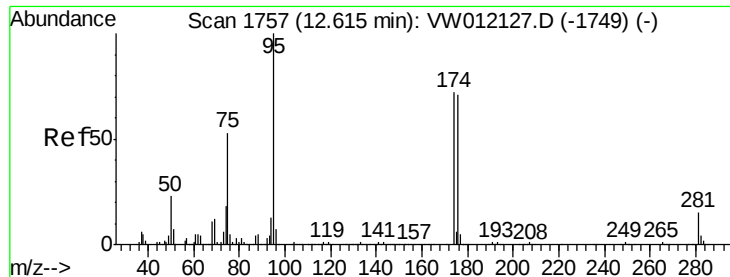
100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

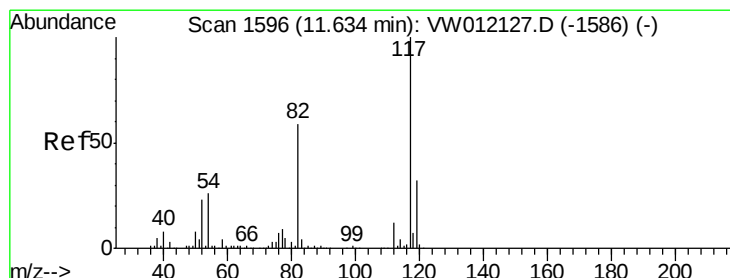
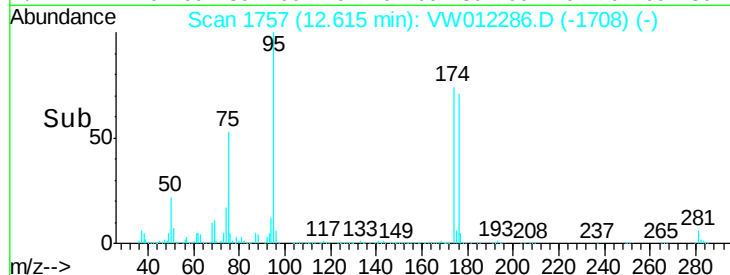
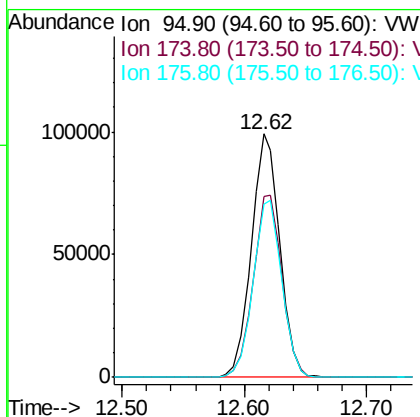
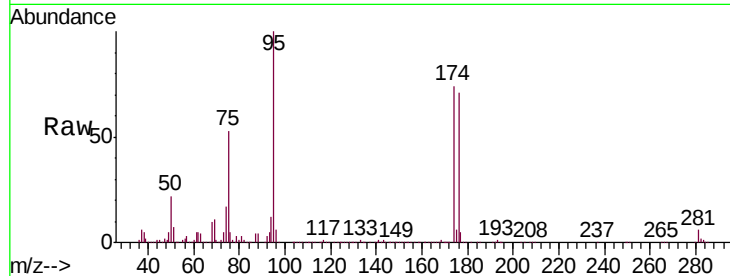




#62
4-Bromofluorobenzene
Concen: 46.818 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012286.D
Acq: 29 Aug 2019 06:46

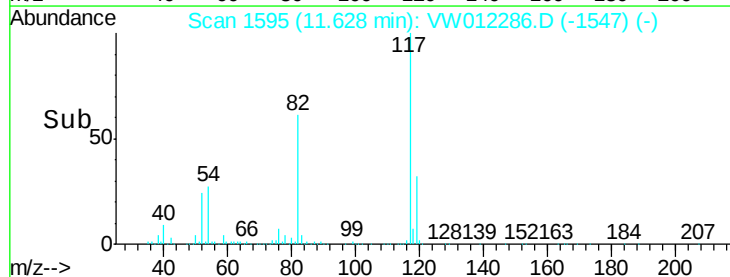
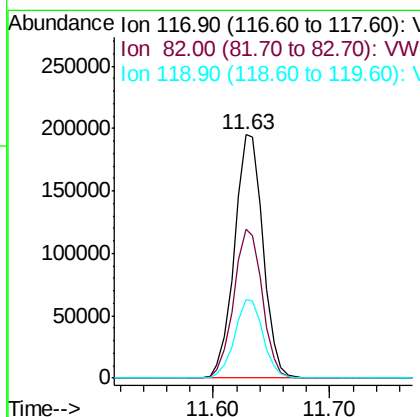
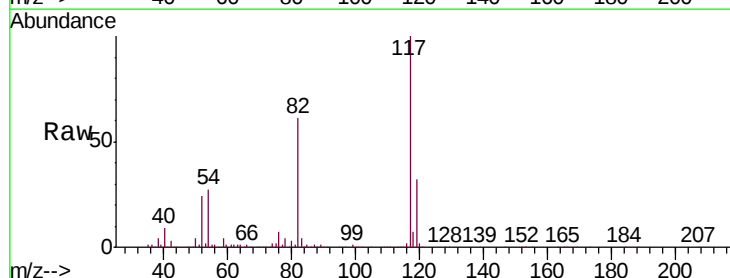
Instrument :
MSVOA_W
ClientSampleId :
SB-1-25-27

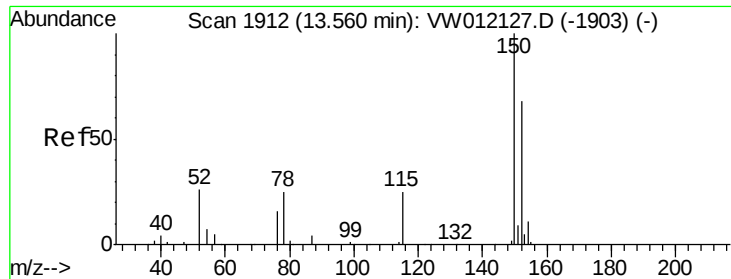
Tgt Ion: 95 Resp: 159760
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.8
176 74.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012286.D
Acq: 29 Aug 2019 06:46

Tgt Ion: 117 Resp: 332941
Ion Ratio Lower Upper
117 100
82 61.0 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: VW012286.D

Acq: 29 Aug 2019 06:46

Instrument :

MSVOA_W

ClientSampleId :

SB-1-25-27

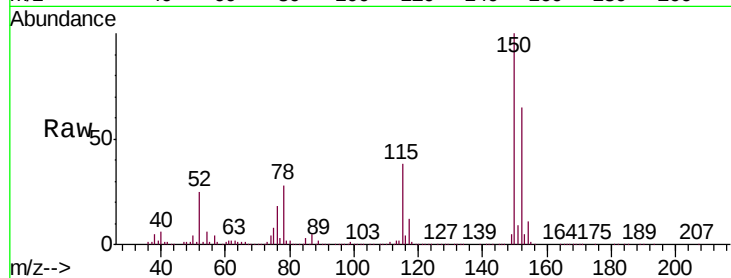
Tgt Ion:152 Resp: 134043

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

150 157.8 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

