

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010395.D
 Acq On : 11 May 2019 21:50
 Operator : SY/VA
 Sample : K2734-12
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0206-01

Quant Time: May 12 01:29:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

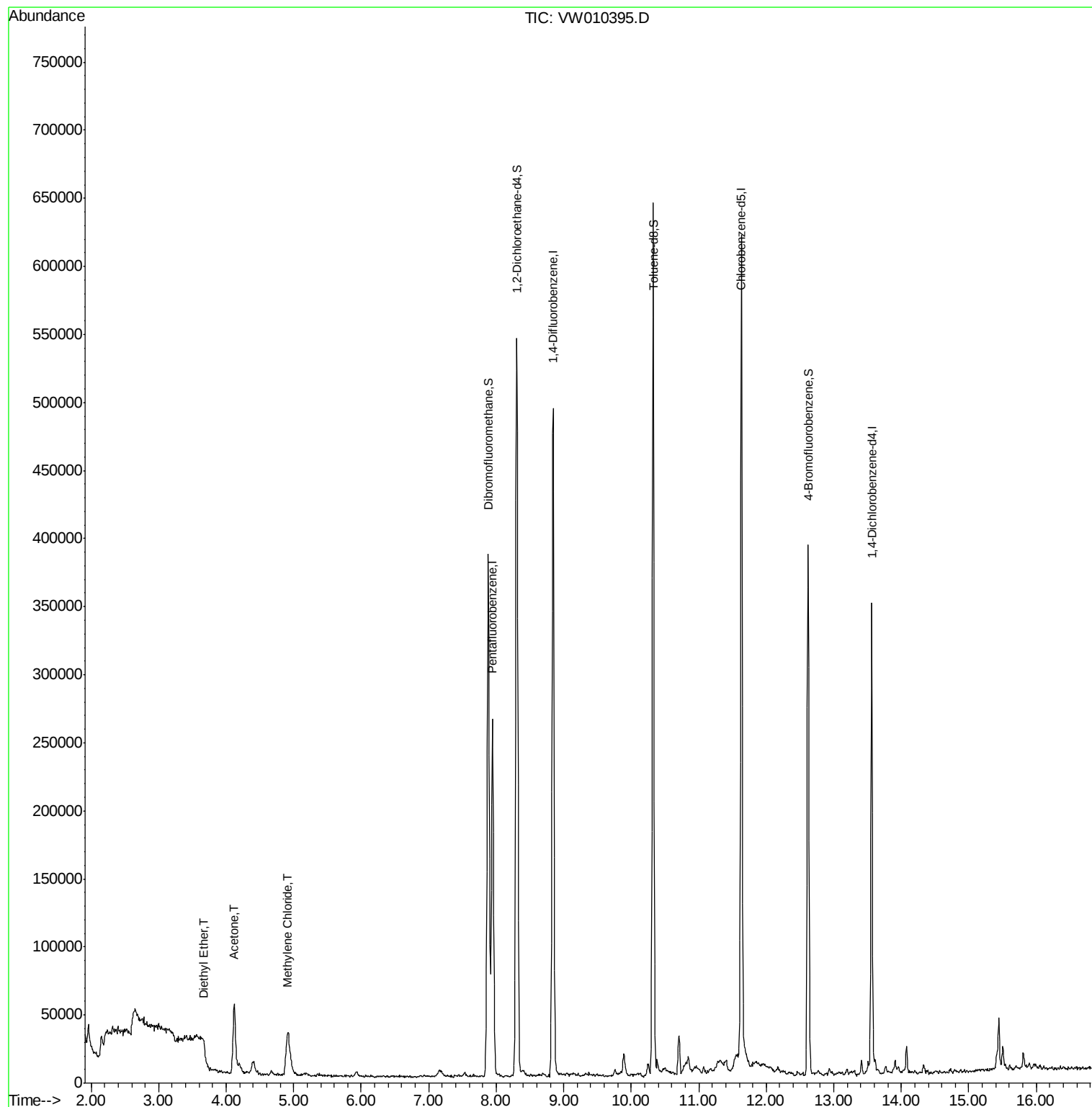
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	425943	212.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	425.62%	
35) Dibromofluoromethane	7.88	113	276456	119.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	239.44%	
50) Toluene-d8	10.32	98	423223	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
62) 4-Bromofluorobenzene	12.62	95	120327	36.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.70%	
Target Compounds						
8) Diethyl Ether	3.68	74	5787	5.490	ug/l	94
16) Acetone	4.12	43	99111	189.944	ug/l	93
20) Methylene Chloride	4.92	84	31112	14.295	ug/l	91

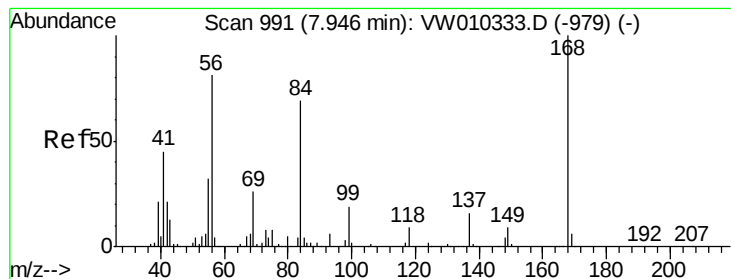
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010395.D

Acq: 11 May 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

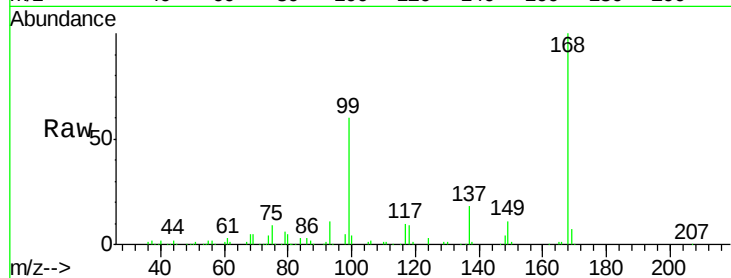
P026-SS013-0206-01

Tot Ion:168 Resp: 188269

Ion Ratio Lower Upper

168 100

99 59.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

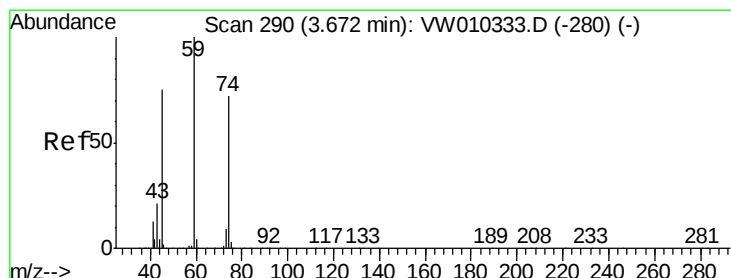
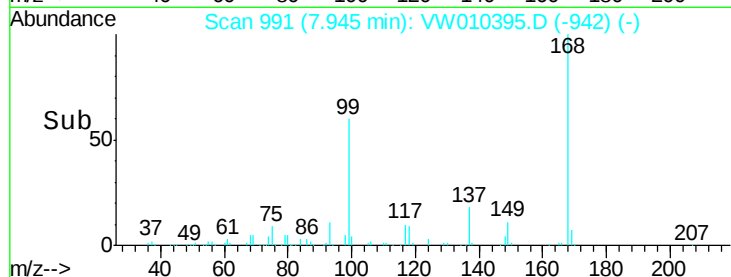
40000

20000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 5.490 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW010395.D

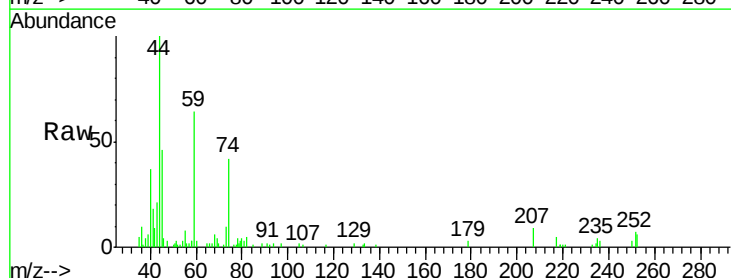
Acq: 11 May 2019 21:50

Tgt Ion: 74 Resp: 5787

Ion Ratio Lower Upper

74 100

45 118.7 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

3000

2500

2000

1500

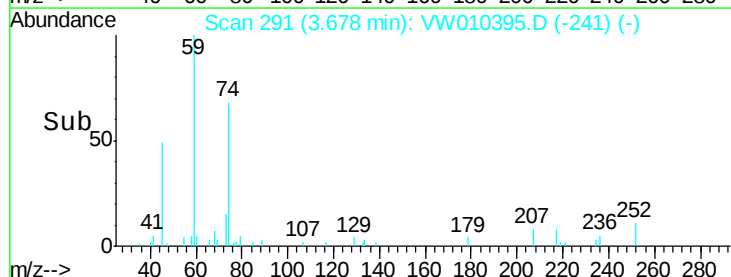
1000

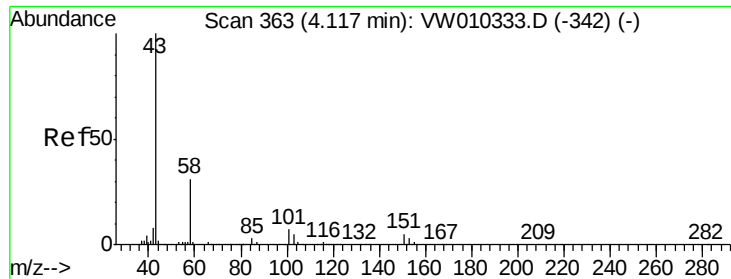
500

0

3.60 3.65 3.70 3.75

Time-->

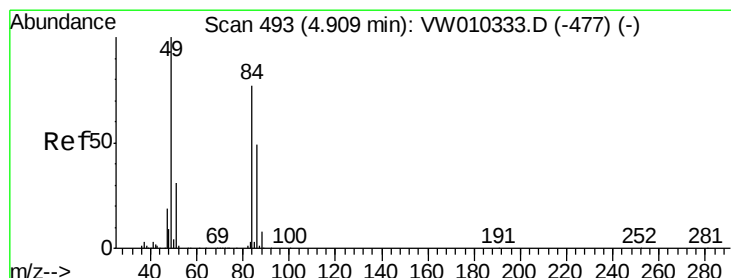
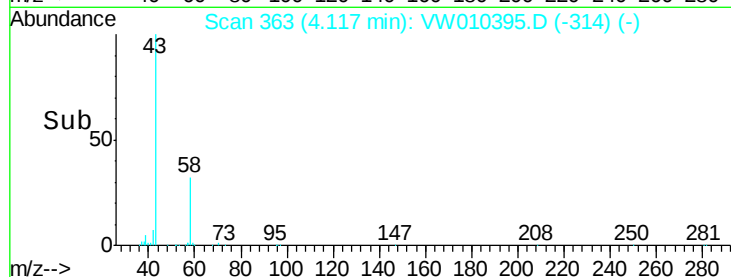
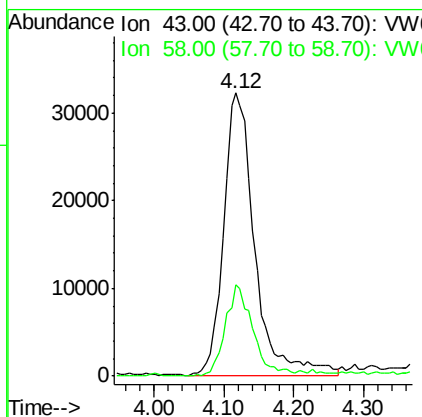
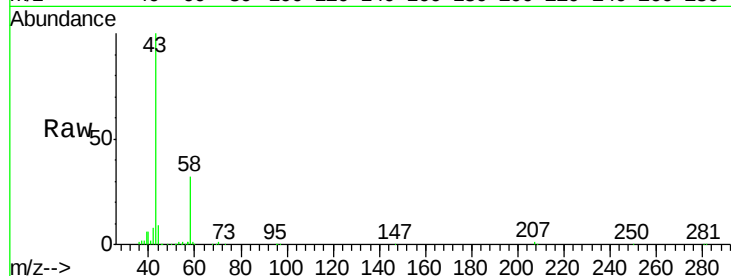




#16
Acetone
Concen: 189.944 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010395.D
Acq: 11 May 2019 21:50

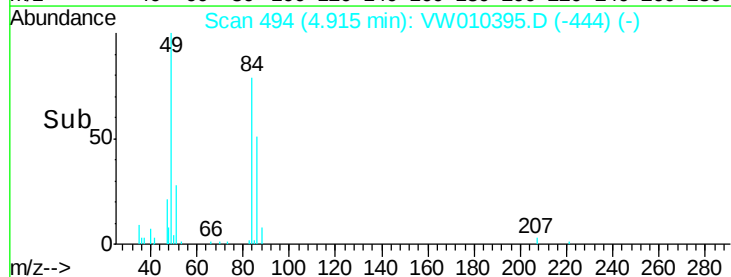
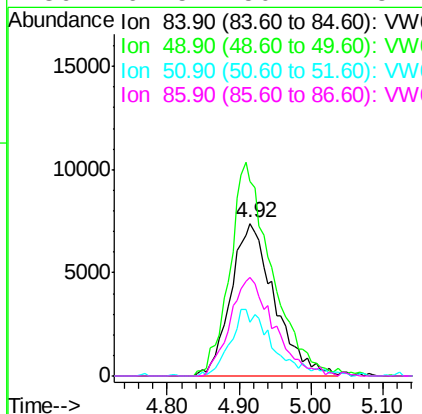
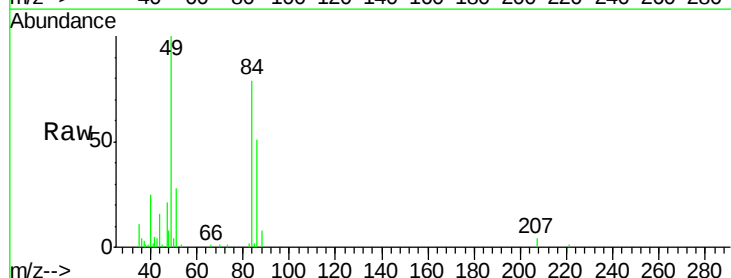
Instrument :
MSVOA_W
ClientSampleId :
P026-SS013-0206-01

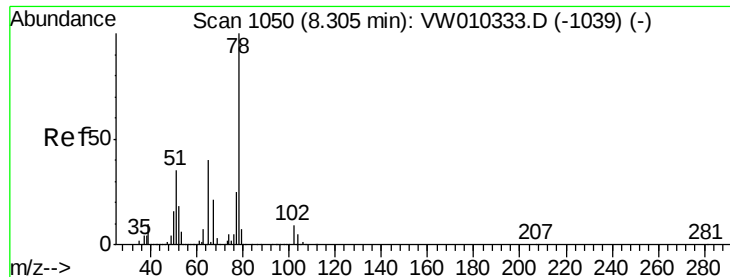
Tot Ion: 43 Resp: 99111
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1



#20
Methylene Chloride
Concen: 14.295 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010395.D
Acq: 11 May 2019 21:50

Tgt Ion: 84 Resp: 31112
Ion Ratio Lower Upper
84 100
49 127.2 112.3 168.5
51 35.2 33.9 50.9
86 64.5 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 212.806 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010395.D

Acq: 11 May 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

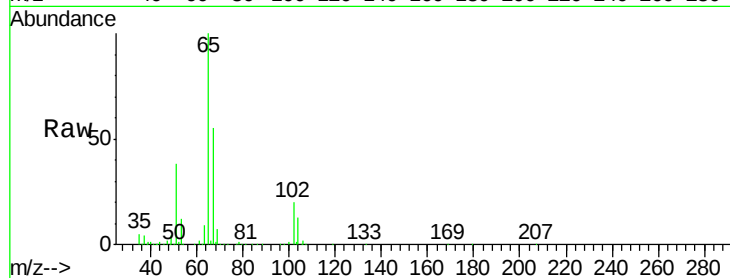
P026-SS013-0206-01

Tot Ion: 65 Resp: 425943

Ion Ratio Lower Upper

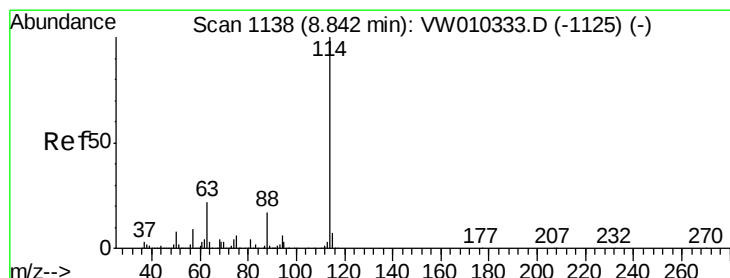
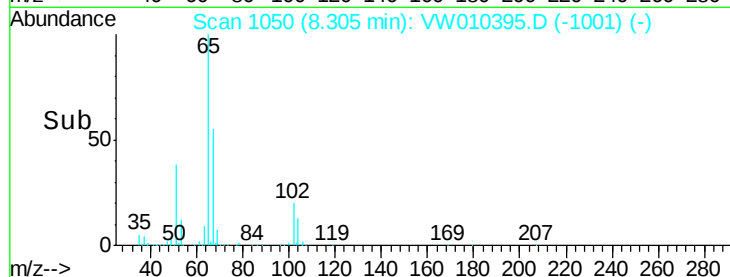
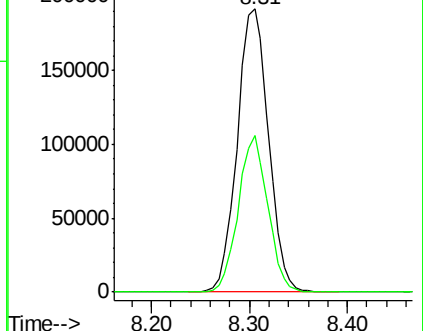
65 100

67 52.3 0.0 100.8



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: VW010395.D

Acq: 11 May 2019 21:50

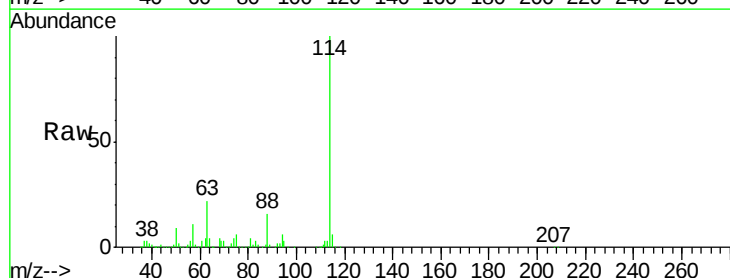
Tgt Ion: 114 Resp: 394612

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

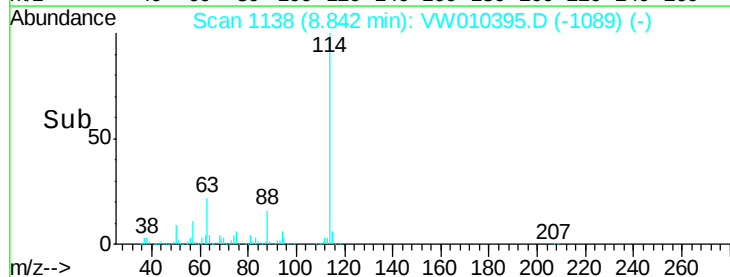
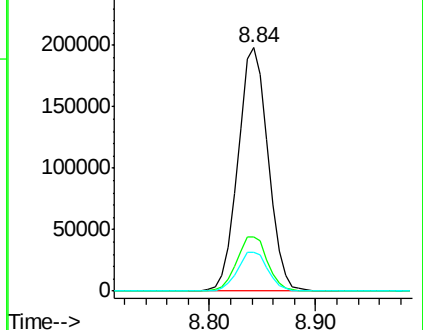
88 16.2 0.0 32.6

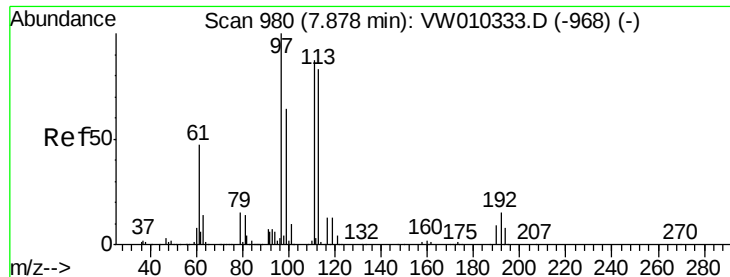


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 119.718 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010395.D

Acq: 11 May 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0206-01

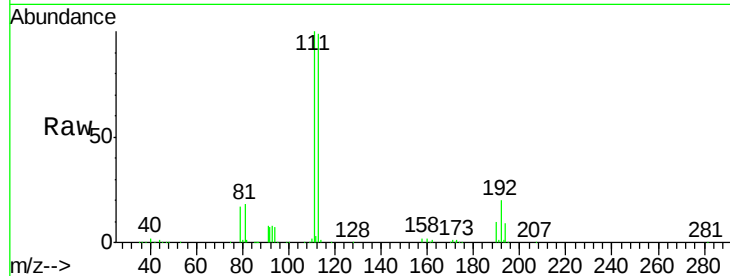
Tot Ion:113 Resp: 276456

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

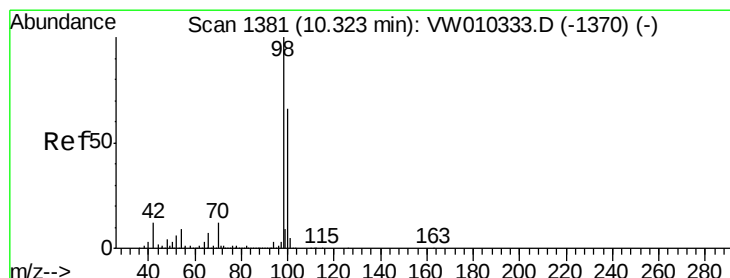
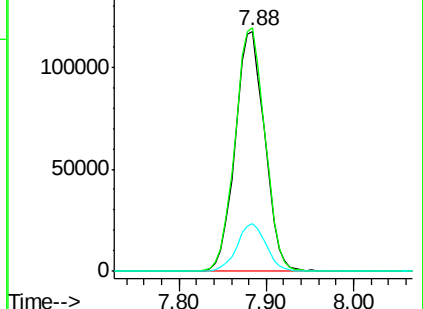
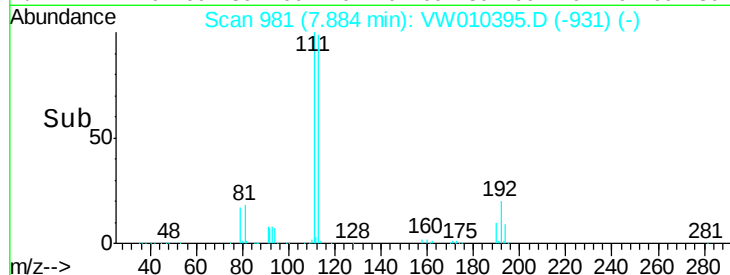
192 19.5 15.4 23.2



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: 45.008 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010395.D

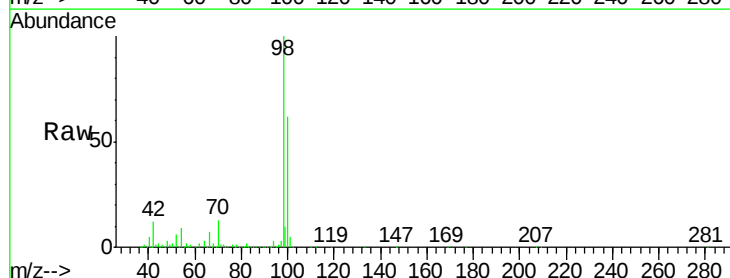
Acq: 11 May 2019 21:50

Tgt Ion: 98 Resp: 423223

Ion Ratio Lower Upper

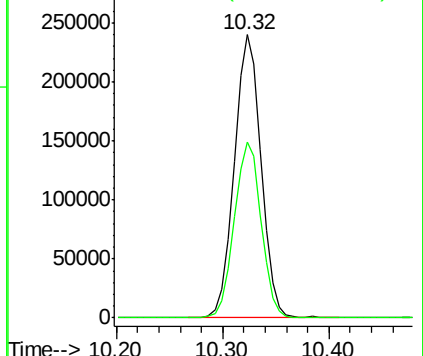
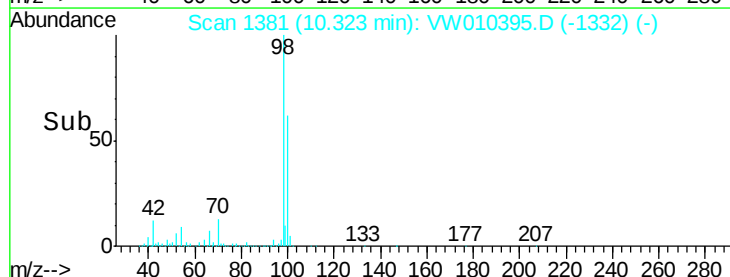
98 100

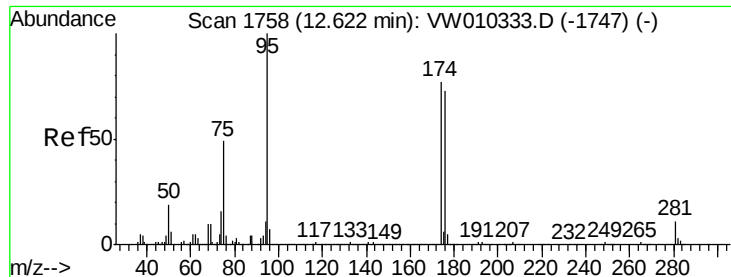
100 62.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

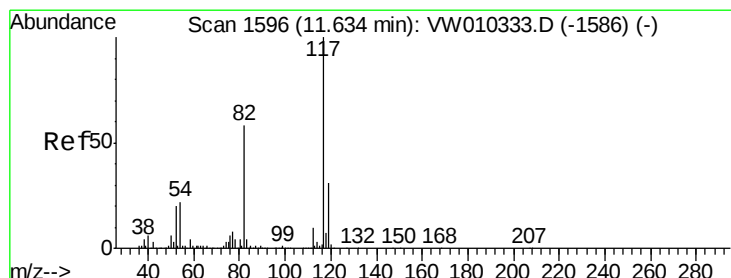
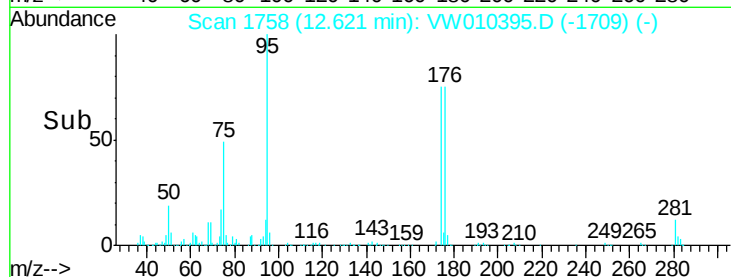
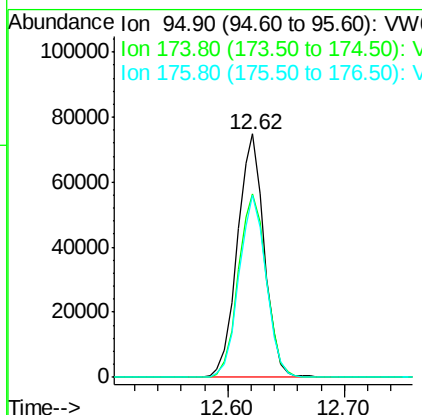
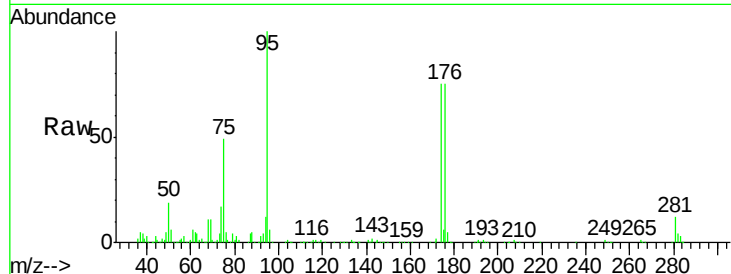




#62
4-Bromofluorobenzene
Concen: 36.353 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010395.D
Acq: 11 May 2019 21:50

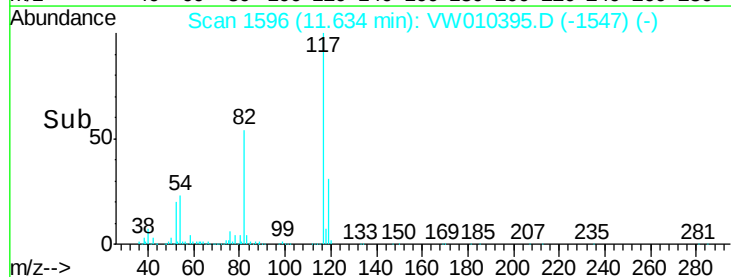
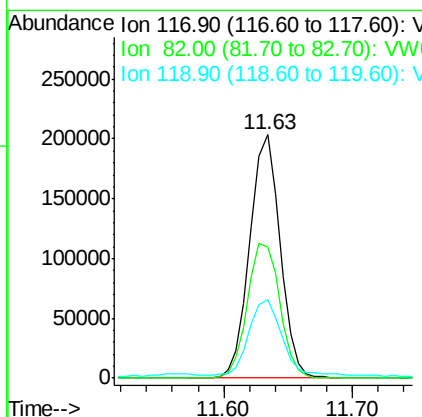
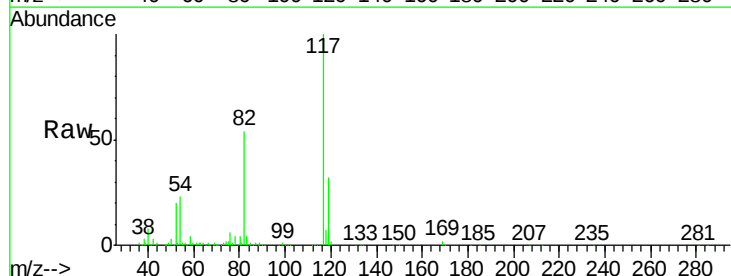
Instrument :
MSVOA_W
ClientSampleId :
P026-SS013-0206-01

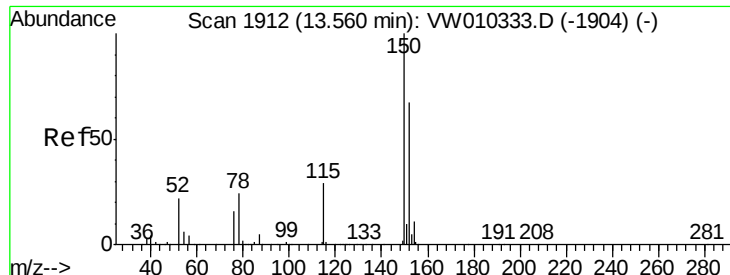
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	151.4
176	75.4	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010395.D
Acq: 11 May 2019 21:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.2	67.8
119	30.6	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: VW010395.D

Acq: 11 May 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

P026-SS013-0206-01

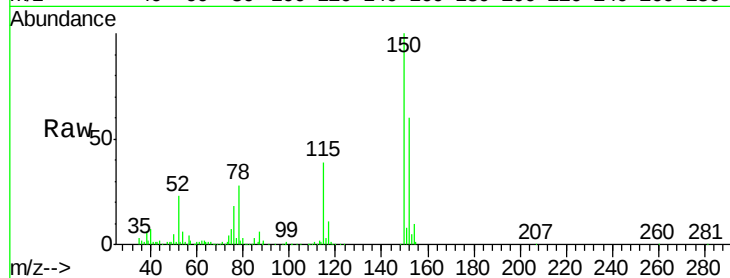
Tot Ion:152 Resp: 86180

Ion Ratio Lower Upper

152 100

115 59.9 30.4 91.2

150 158.4 0.0 347.0



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

