

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012521.D
 Acq On : 03 Sep 2019 01:57
 Operator : SY/VA
 Sample : K4544-07
 Misc : 6.40G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B2-(2.25)

Quant Time: Sep 03 08:16:04 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

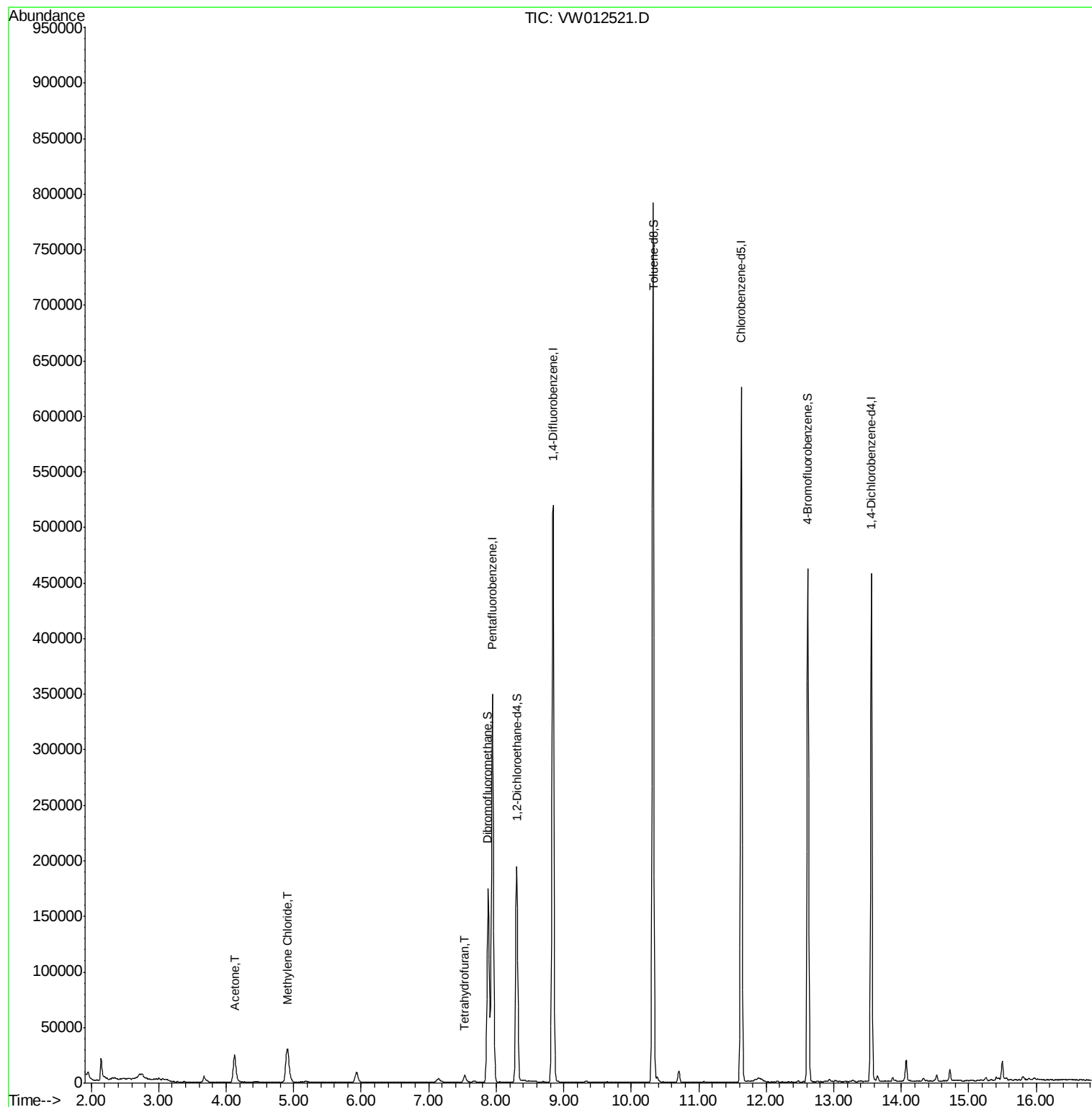
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153981	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
35) Dibromofluoromethane	7.88	113	125972	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.32	98	500936	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.62	95	146331	40.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.70%	
Target Compounds						
16) Acetone	4.12	43	47022	59.544	ug/l	99
20) Methylene Chloride	4.91	84	23729	7.948	ug/l	98
29) Tetrahydrofuran	7.54	42	5290	8.217	ug/l	93

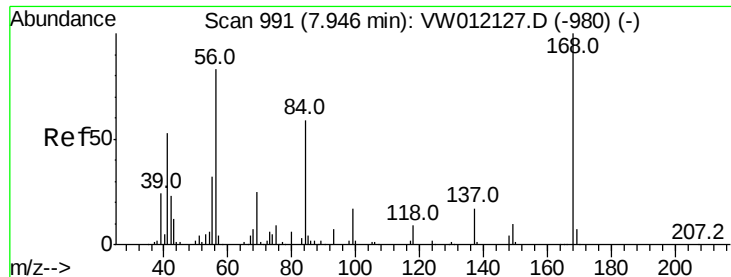
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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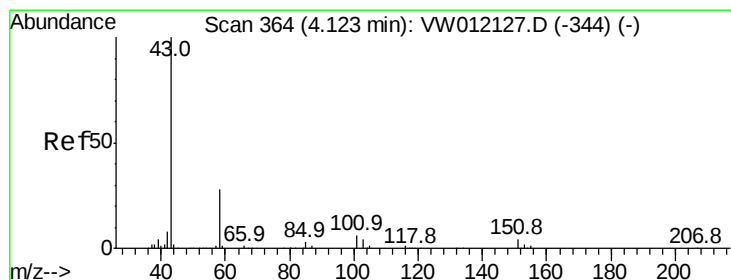
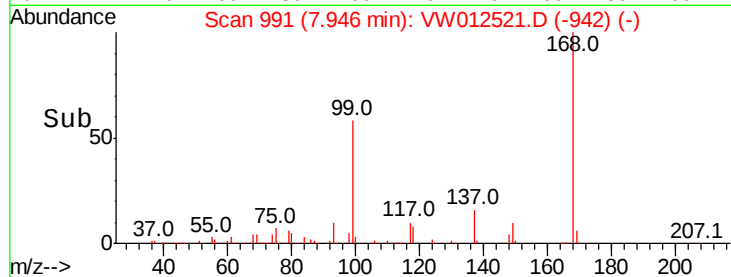
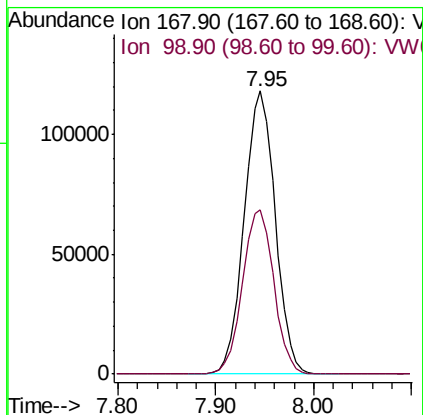
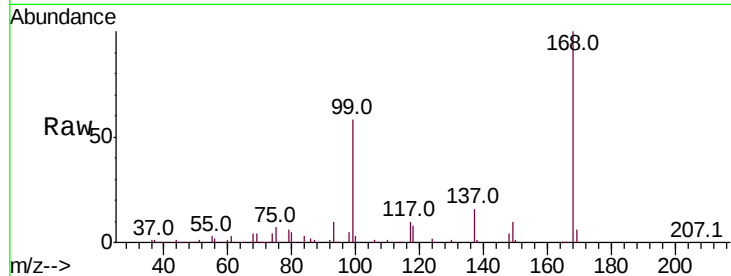


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW012521.D
 Acq: 03 Sep 2019 01:57

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B2-(2.25)

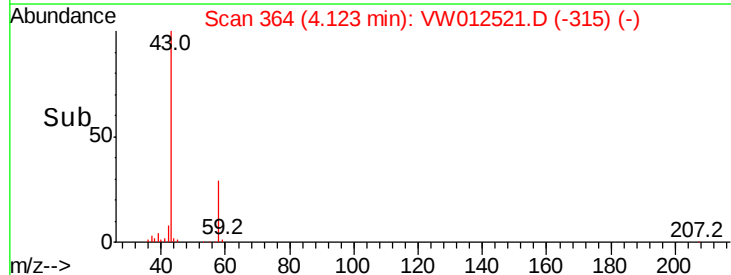
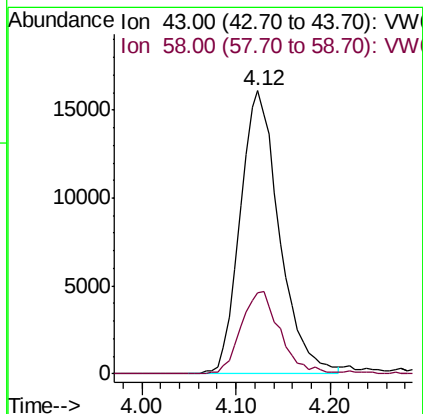
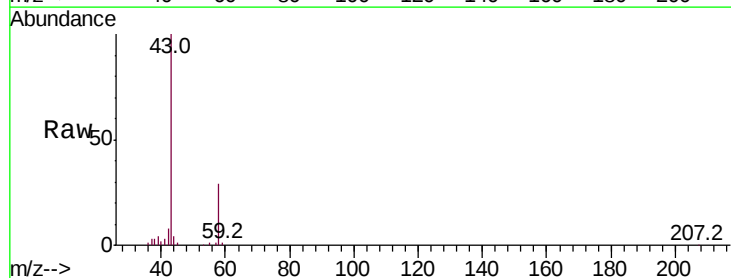
Tot Ion:168 Resp: 259880
 Ion Ratio Lower Upper
 168 100
 99 58.1 49.2 73.8

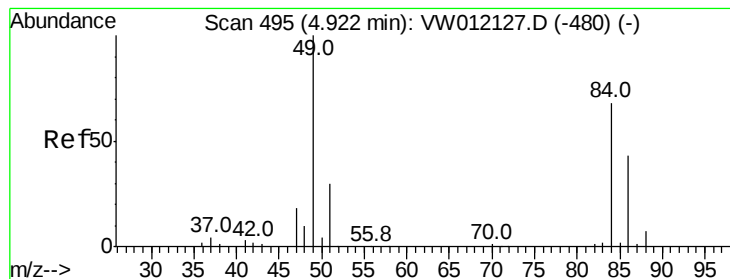


#16

Acetone
 Concen: 59.544 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW012521.D
 Acq: 03 Sep 2019 01:57

Tgt Ion: 43 Resp: 47022
 Ion Ratio Lower Upper
 43 100
 58 28.6 22.4 33.6





#20

Methvlene Chloride

Concen: 7.948 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012521.D

Acq: 03 Sep 2019 01:57

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B2-(2.25)

Tot Ion: 84 Resp: 23729

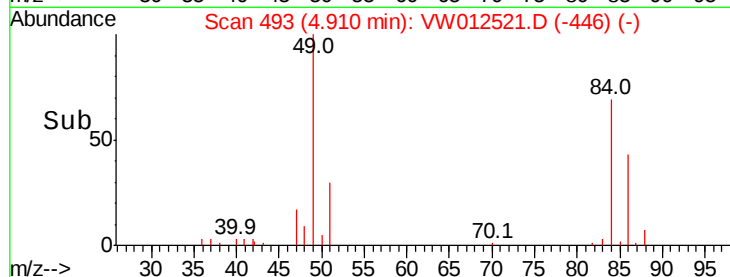
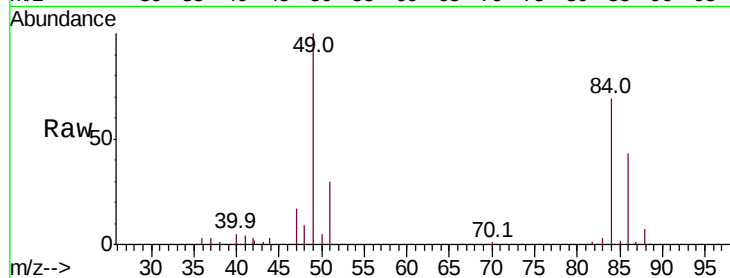
Ion Ratio Lower Upper

84 100

49 144.6 117.8 176.8

51 44.1 35.6 53.4

86 62.2 51.2 76.8

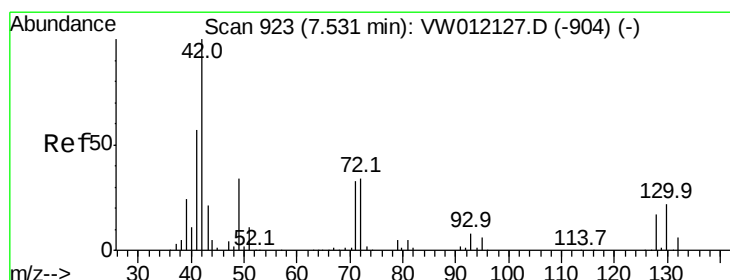
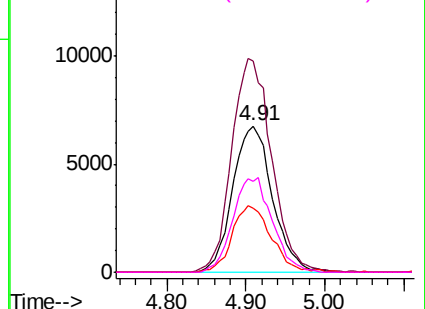


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 8.217 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012521.D

Acq: 03 Sep 2019 01:57

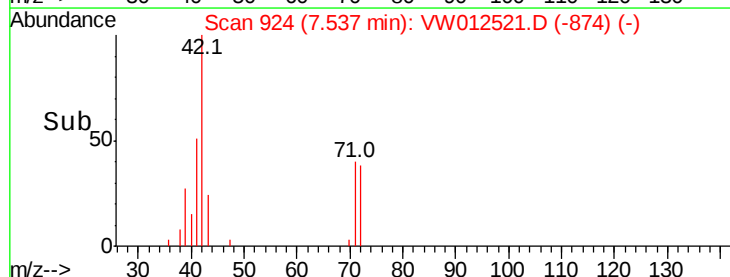
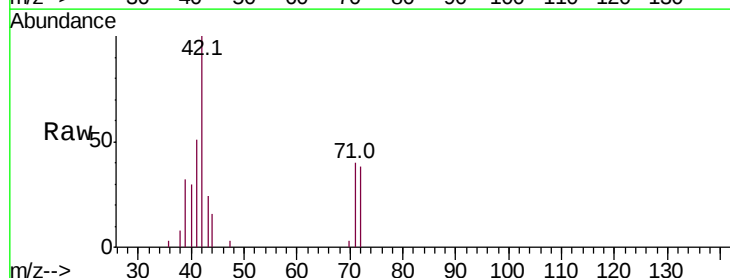
Tgt Ion: 42 Resp: 5290

Ion Ratio Lower Upper

42 100

72 38.0 27.3 40.9

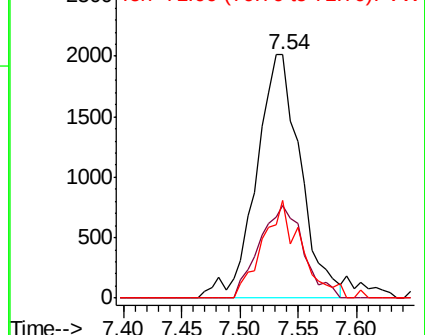
71 35.4 25.5 38.3

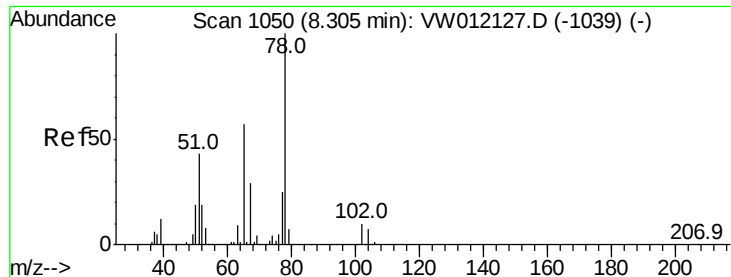


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 49.843 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

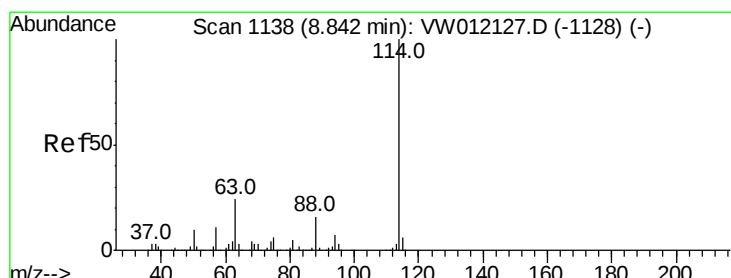
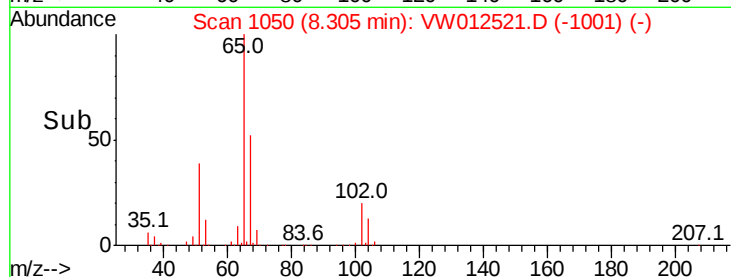
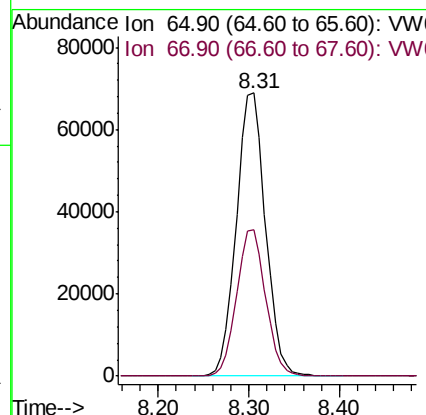
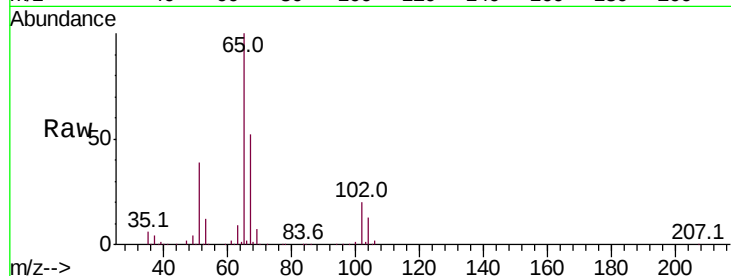
Lab File: VW012521.D

Acq: 03 Sep 2019 01:57

Instrument :
MSVOA_W
ClientSampleId :
T16-17-B2-(2.25)

Tot Ion: 65 Resp: 153981

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

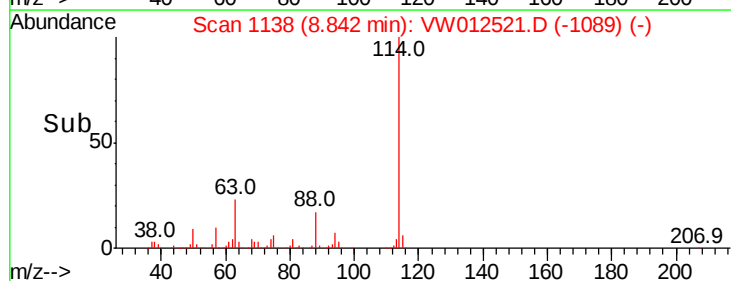
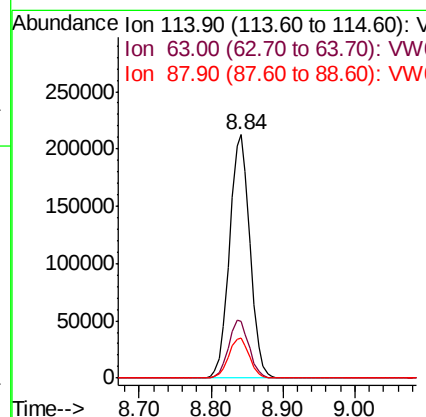
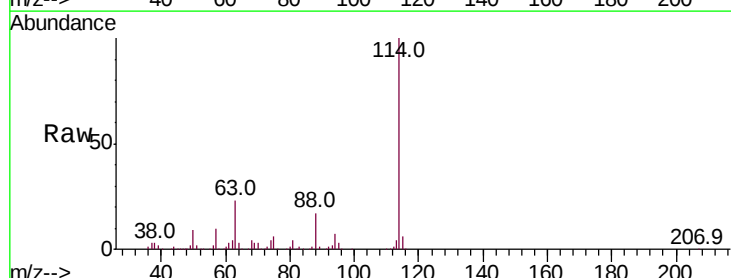
Delta R.T. 0.00 min

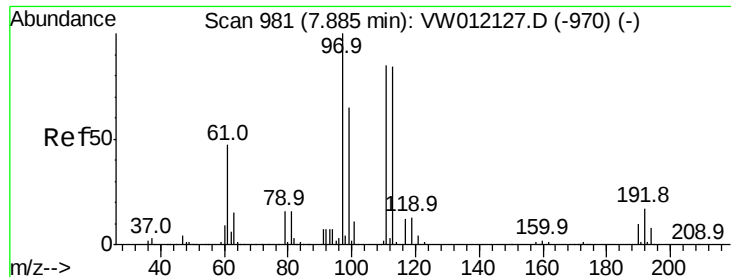
Lab File: VW012521.D

Acq: 03 Sep 2019 01:57

Tgt Ion: 114 Resp: 419868

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	48.6
88	16.7	0.0	32.2





#35

Dibromofluoromethane

Concen: 50.264 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012521.D

Acq: 03 Sep 2019 01:57

Instrument :

MSVOA_W

ClientSampled :

T16-17-B2-(2.25)

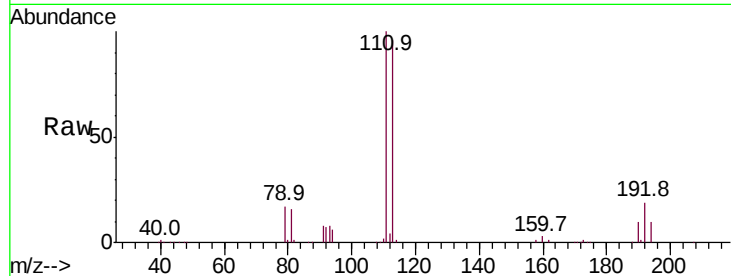
Tot Ion:113 Resp: 125972

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

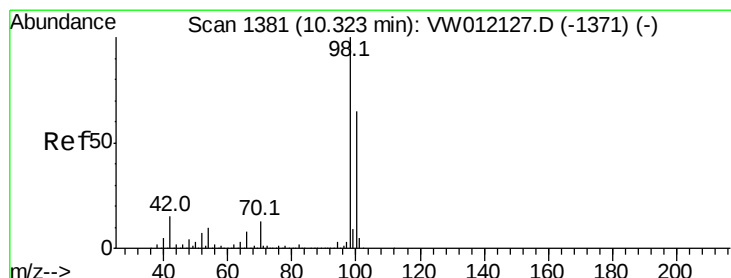
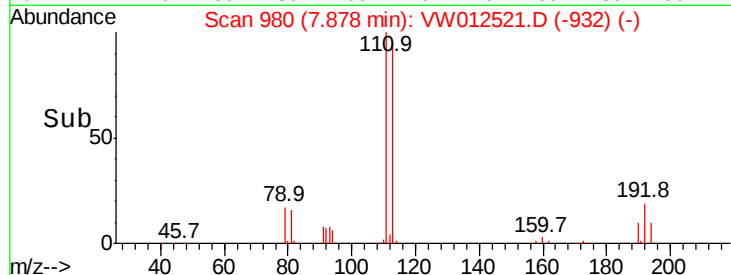
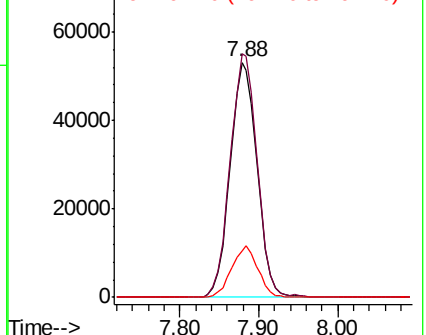
192 21.2 16.2 24.2



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: 49.295 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012521.D

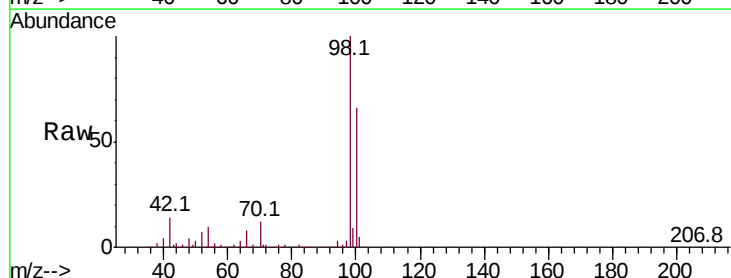
Acq: 03 Sep 2019 01:57

Tgt Ion: 98 Resp: 500936

Ion Ratio Lower Upper

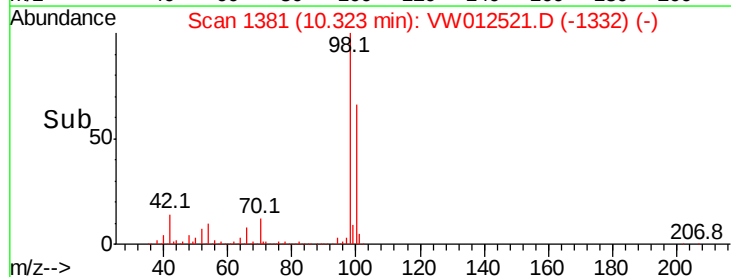
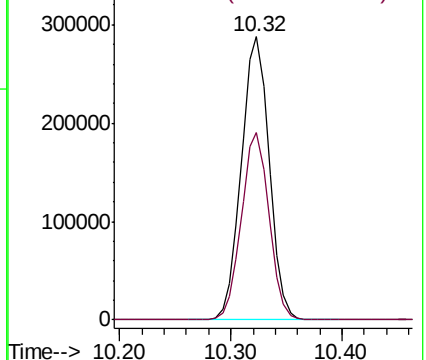
98 100

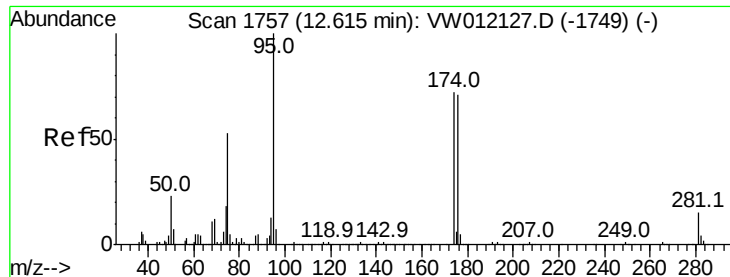
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

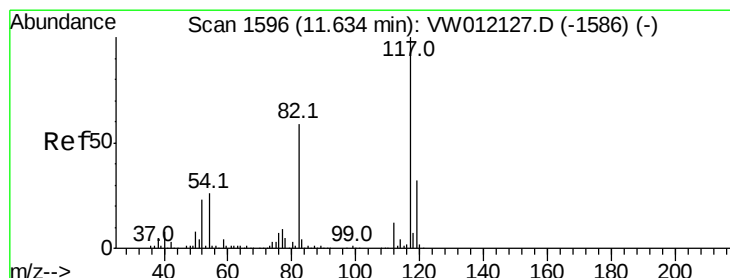
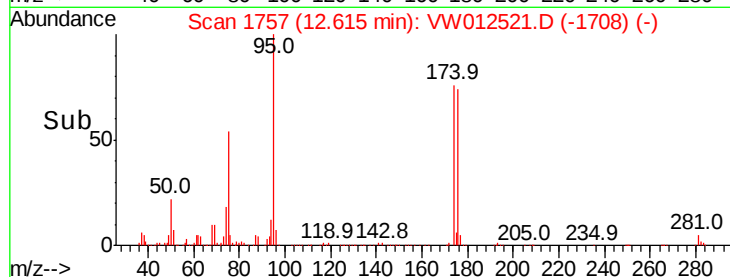
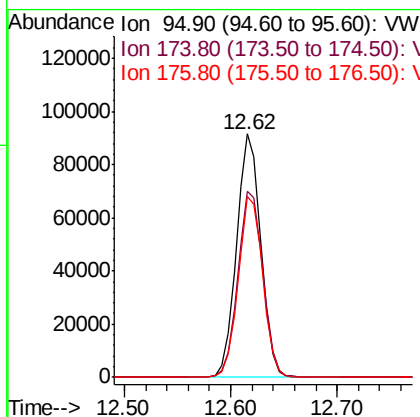
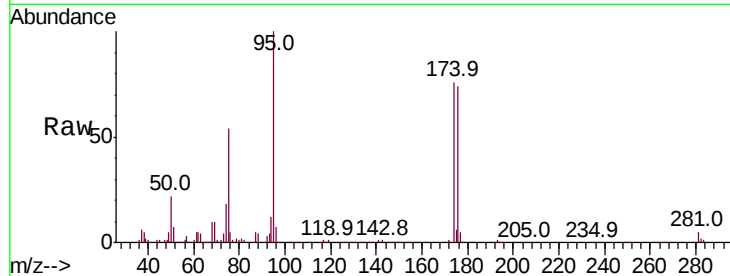




#62
4-Bromofluorobenzene
Concen: 40.851 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012521.D
Acq: 03 Sep 2019 01:57

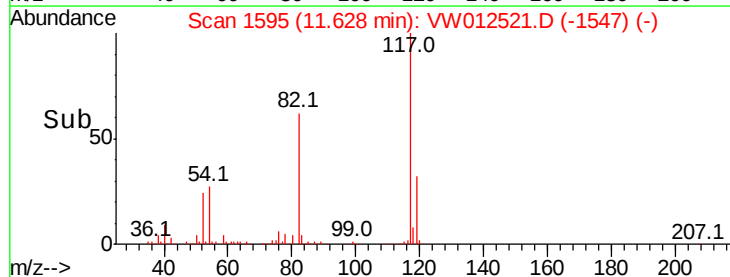
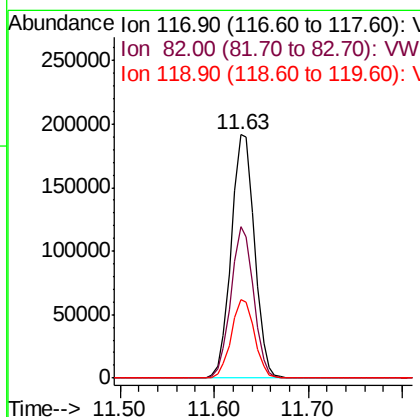
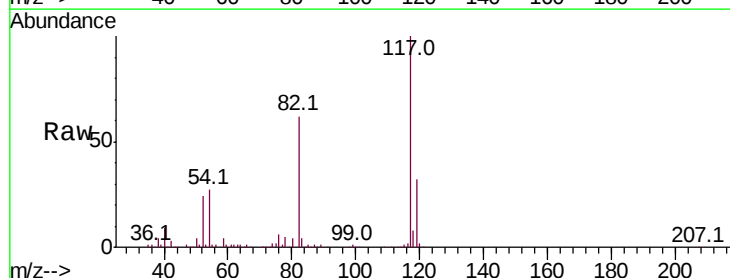
Instrument :
MSVOA_W
ClientSampleId :
T16-17-B2-(2.25)

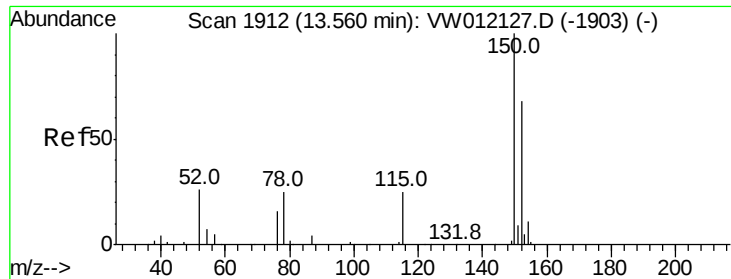
Tot Ion	95	Resp	146331
Ion Ratio	Lower	Upper	
95	100		
174	78.9	0.0	150.8
176	75.2	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012521.D
Acq: 03 Sep 2019 01:57

Tgt Ion	117	Resp	329583
Ion Ratio	Lower	Upper	
117	100		
82	62.0	47.4	71.2
119	32.2	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: VW012521.D

Acq: 03 Sep 2019 01:57

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B2-(2.25)

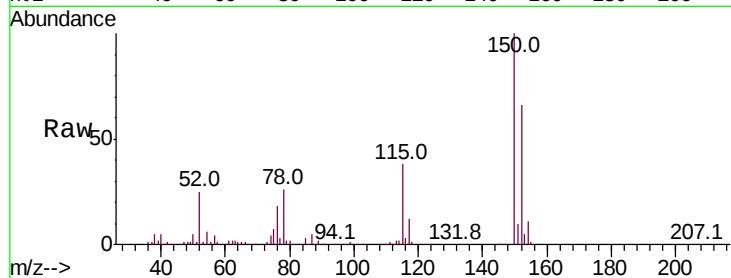
Tot Ion:152 Resp: 115821

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

150 156.7 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

150000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

