

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012527.D
 Acq On : 03 Sep 2019 04:32
 Operator : SY/VA
 Sample : K4544-14
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C4-(0)

Quant Time: Sep 03 08:28:36 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

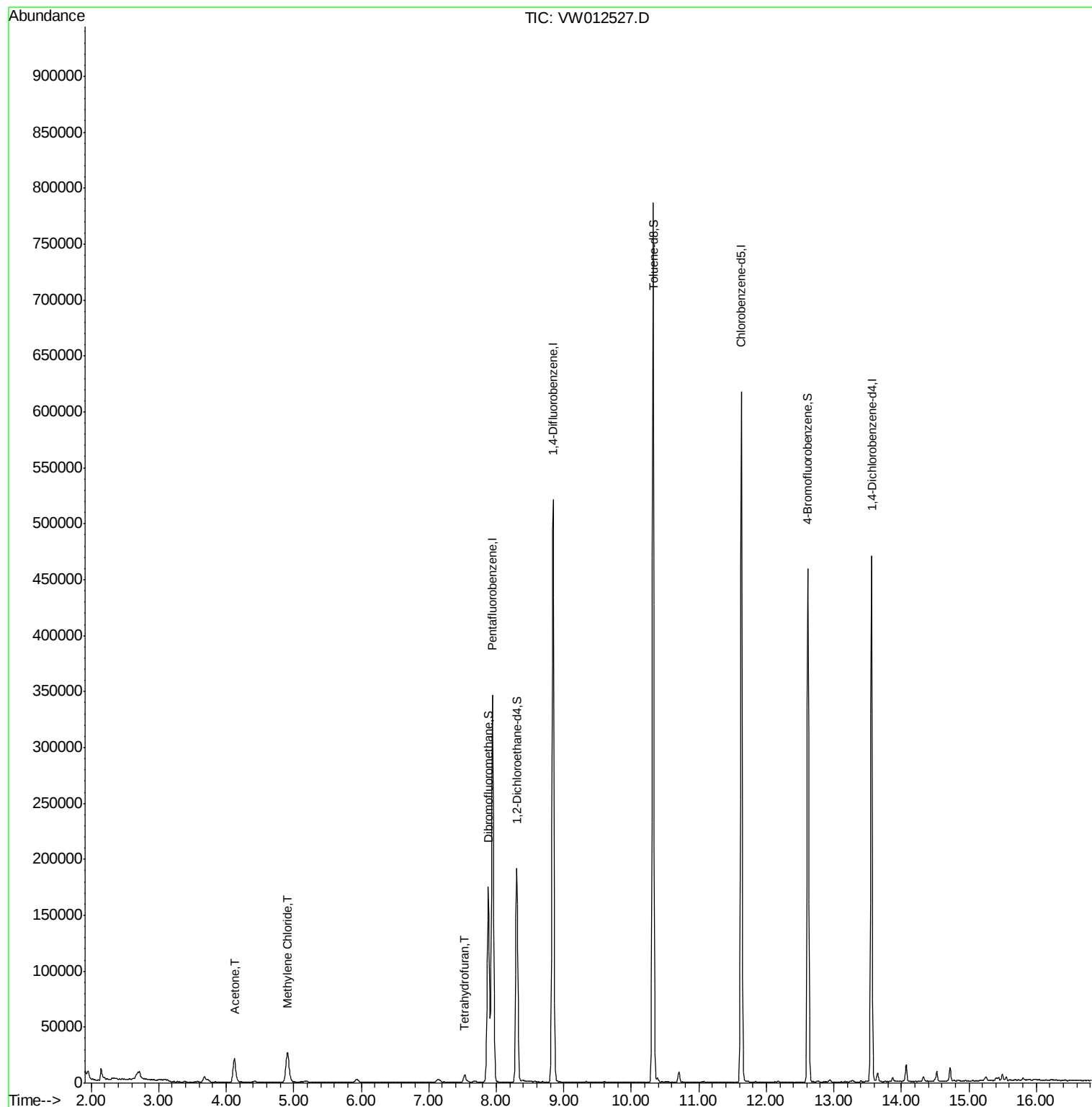
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	152347	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	7.88	113	125465	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.32	98	493951	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.61	95	148405	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
Target Compounds						
16) Acetone	4.12	43	39656	50.815	ug/l	94
20) Methylene Chloride	4.91	84	19434	6.587	ug/l	97
29) Tetrahydrofuran	7.54	42	5646	8.874	ug/l	96

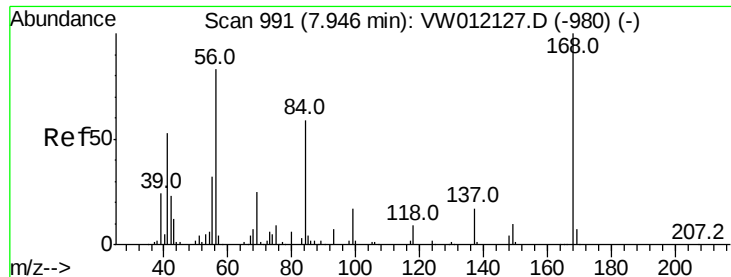
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 26 07:18:31 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: VW012527.D

Acq: 03 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampleId :

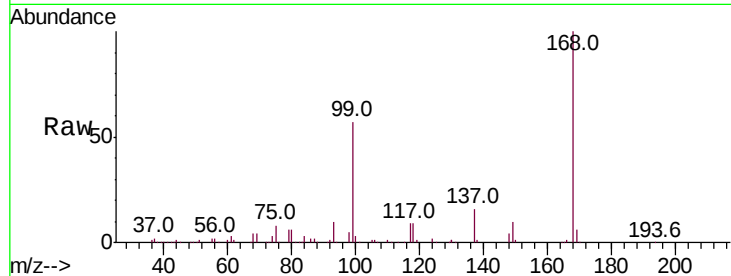
T16-17-C4-(0)

Tot Ion:168 Resp: 256817

Ion Ratio Lower Upper

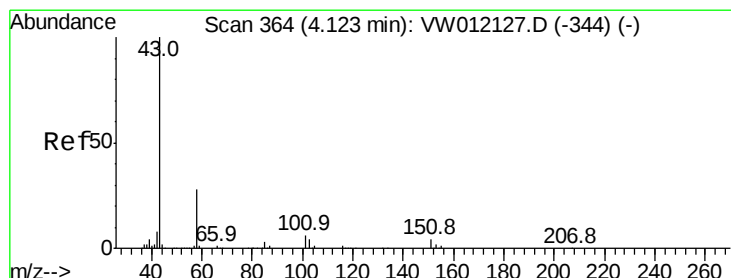
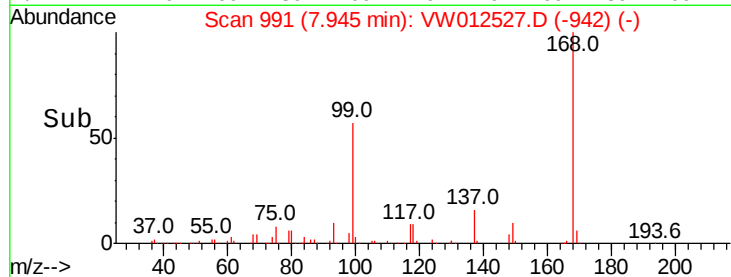
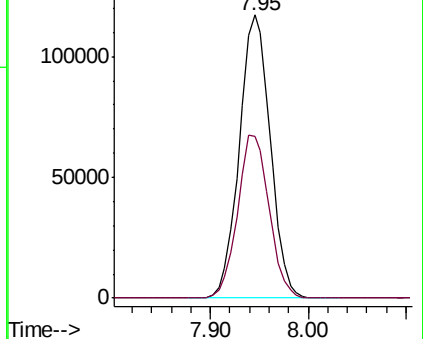
168 100

99 57.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 50.815 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012527.D

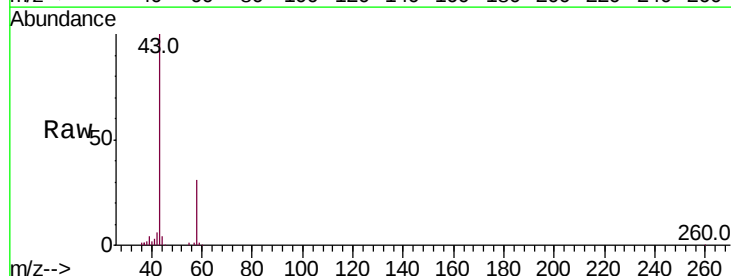
Acq: 03 Sep 2019 04:32

Tgt Ion: 43 Resp: 39656

Ion Ratio Lower Upper

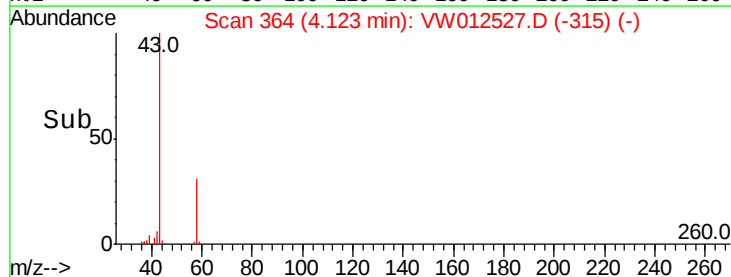
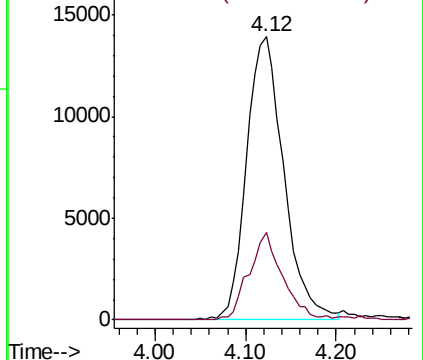
43 100

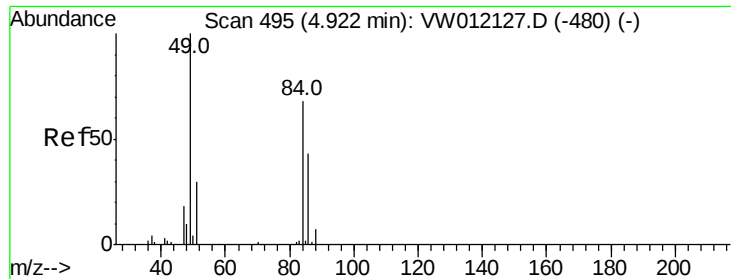
58 31.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 6.587 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012527.D

Acq: 03 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampled :

T16-17-C4-(0)

Tot Ion: 84 Resp: 19434

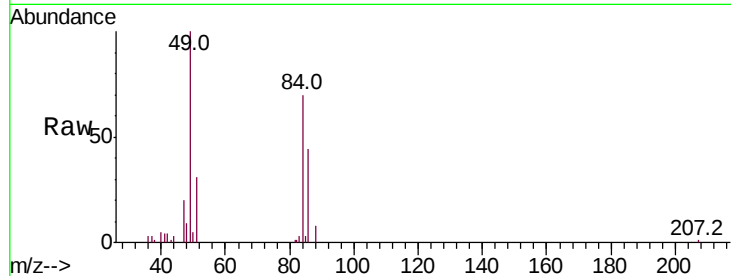
Ion Ratio Lower Upper

84 100

49 141.5 117.8 176.8

51 43.7 35.6 53.4

86 62.9 51.2 76.8

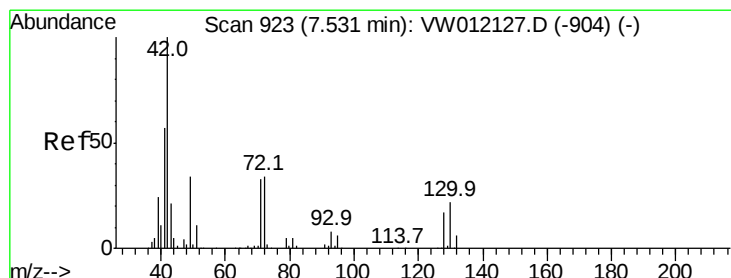
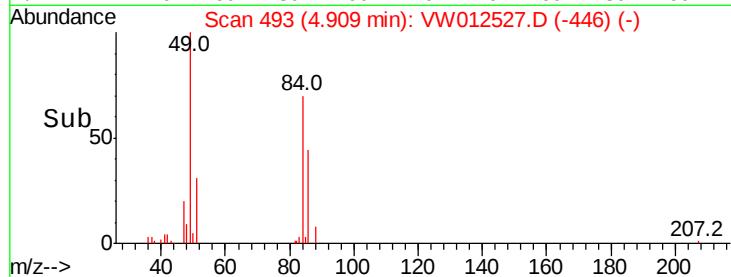
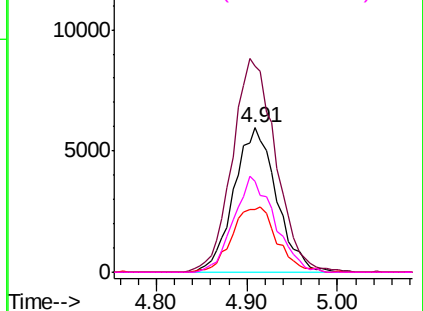


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 8.874 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012527.D

Acq: 03 Sep 2019 04:32

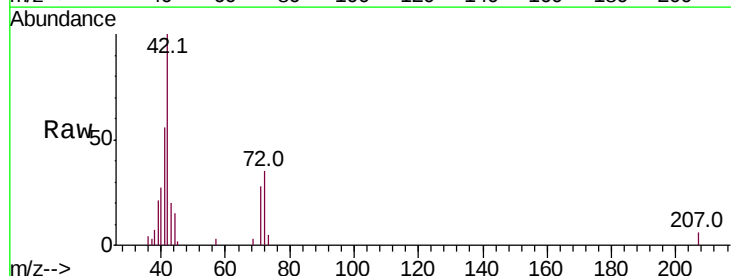
Tgt Ion: 42 Resp: 5646

Ion Ratio Lower Upper

42 100

72 30.1 27.3 40.9

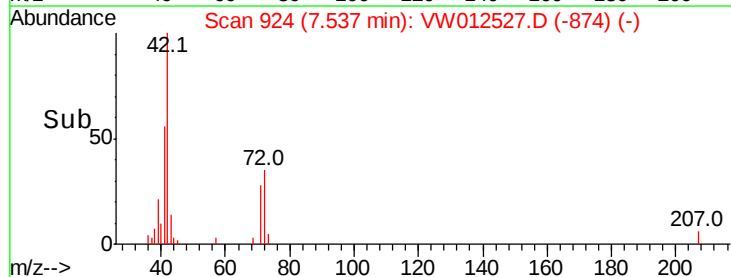
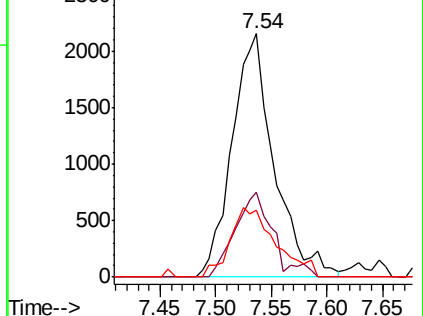
71 30.9 25.5 38.3

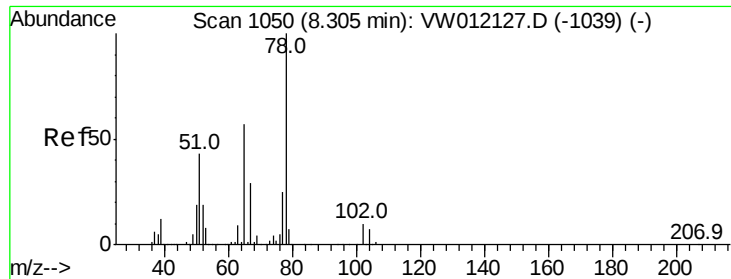


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 49.902 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012527.D

Acq: 03 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampleId :

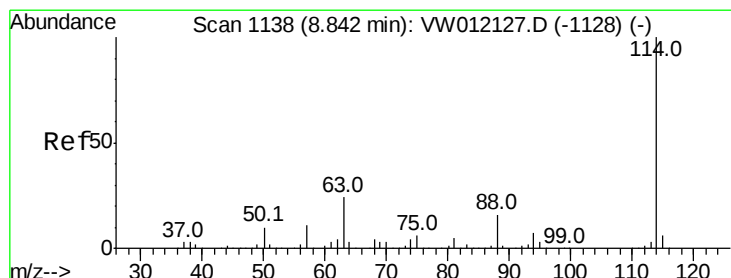
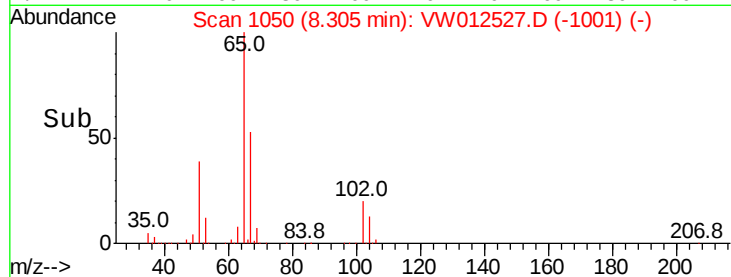
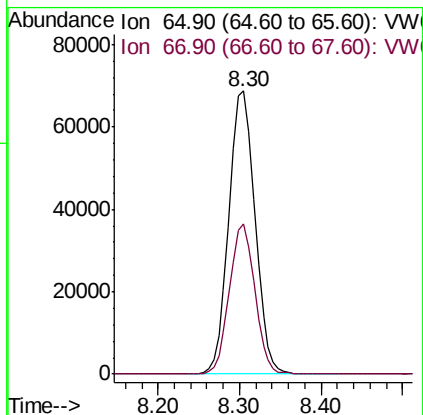
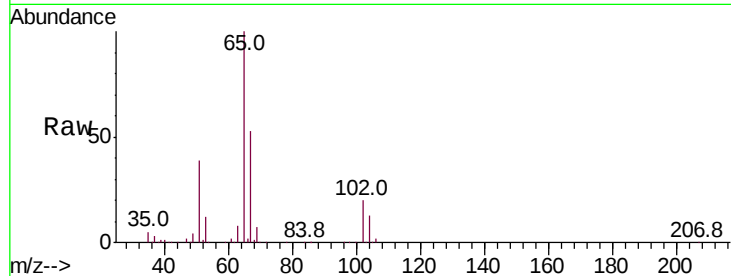
T16-17-C4-(0)

Tot Ion: 65 Resp: 152347

Ion Ratio Lower Upper

65 100

67 51.3 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: VW012527.D

Acq: 03 Sep 2019 04:32

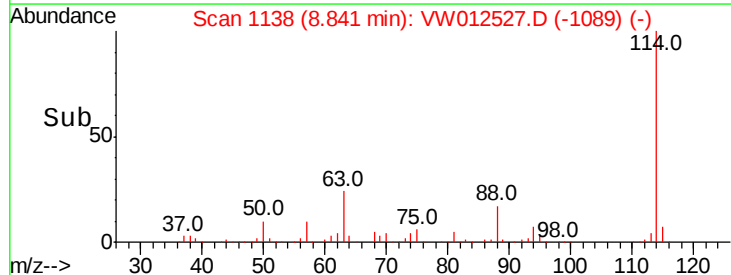
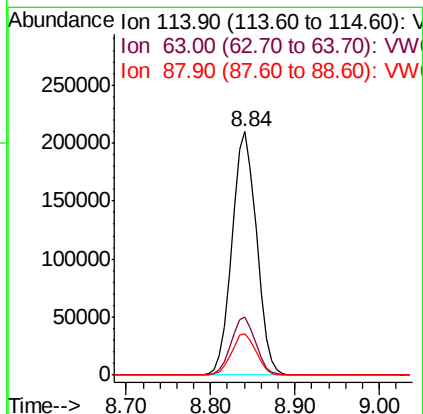
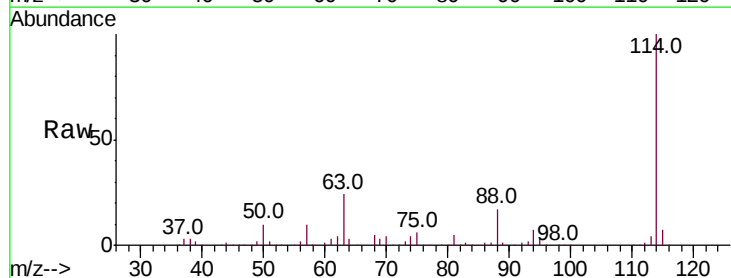
Tgt Ion: 114 Resp: 412557

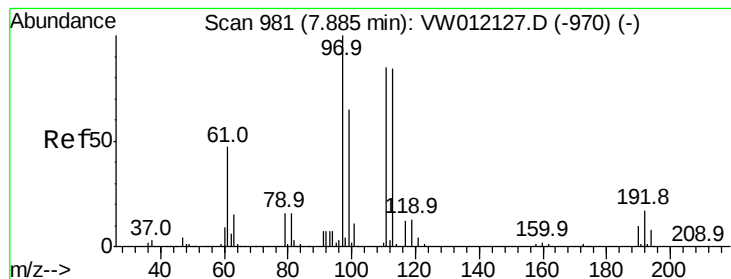
Ion Ratio Lower Upper

114 100

63 23.7 0.0 48.6

88 16.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.949 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012527.D

Acq: 03 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C4-(0)

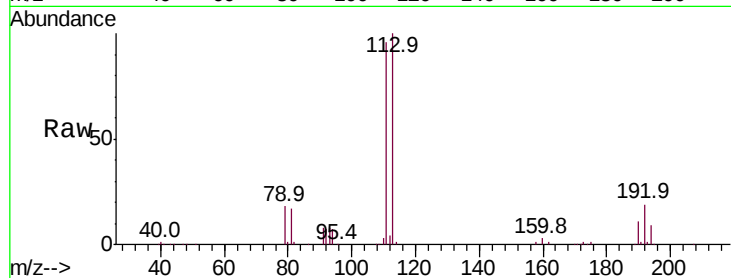
Tot Ion:113 Resp: 125465

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

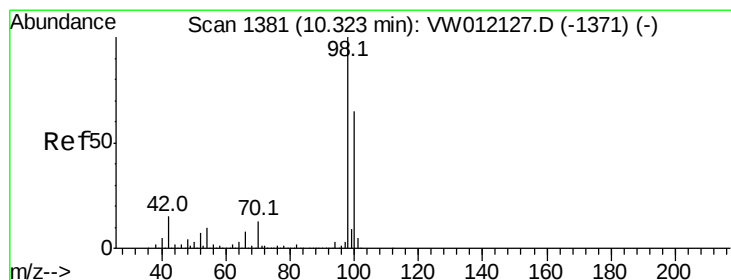
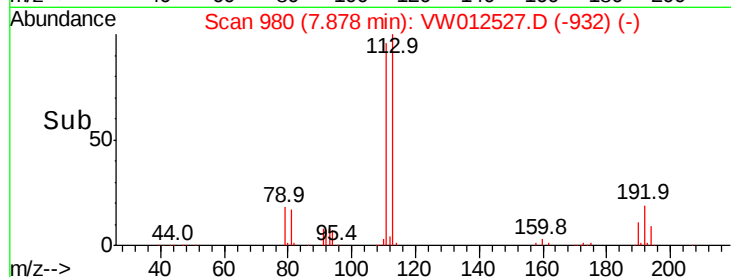
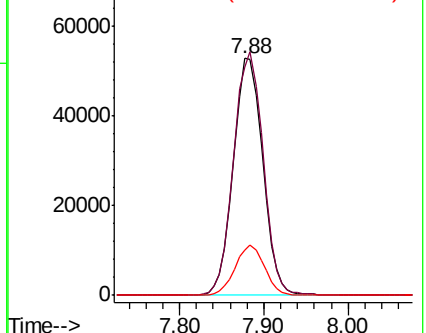
192 20.8 16.2 24.2



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: 49.469 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012527.D

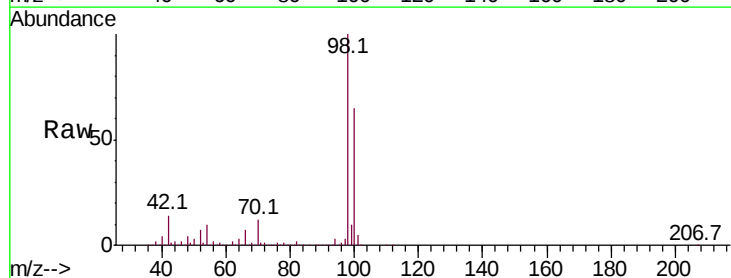
Acq: 03 Sep 2019 04:32

Tgt Ion: 98 Resp: 493951

Ion Ratio Lower Upper

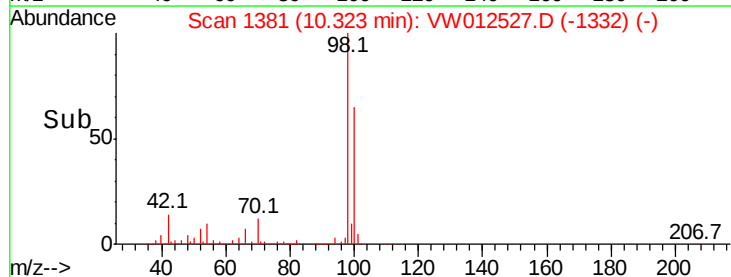
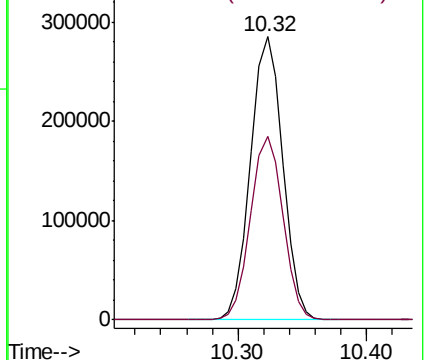
98 100

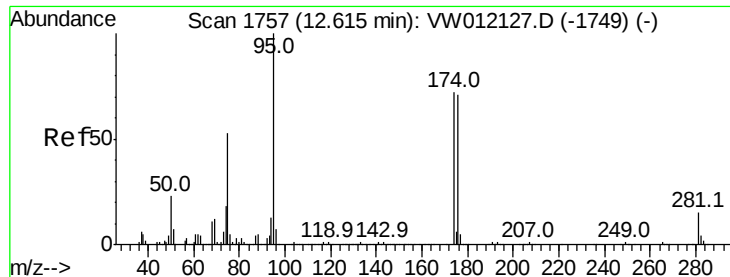
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

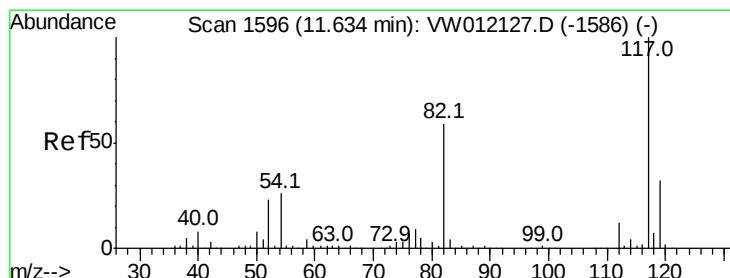
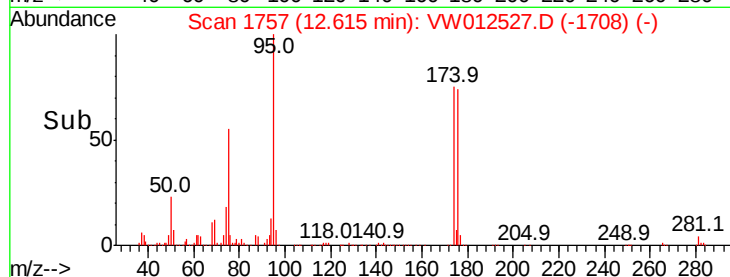
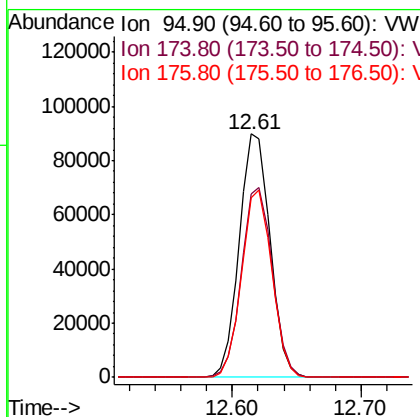
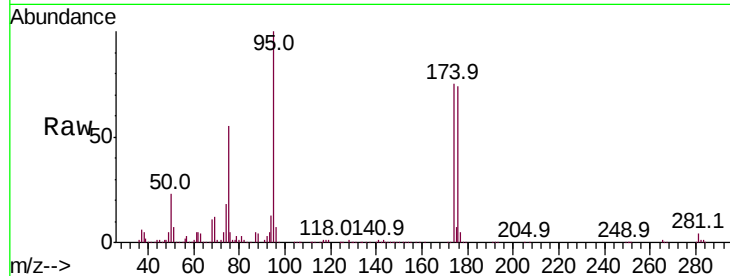




#62
4-Bromofluorobenzene
Concen: 42.164 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012527.D
Acq: 03 Sep 2019 04:32

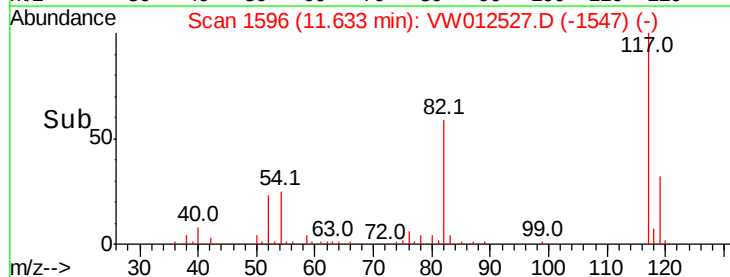
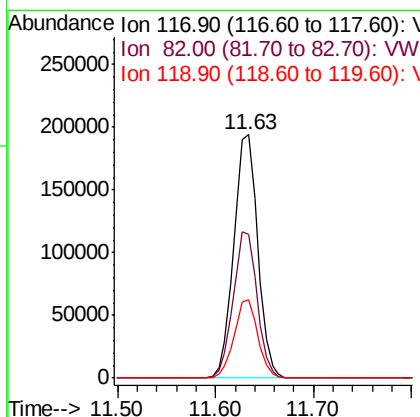
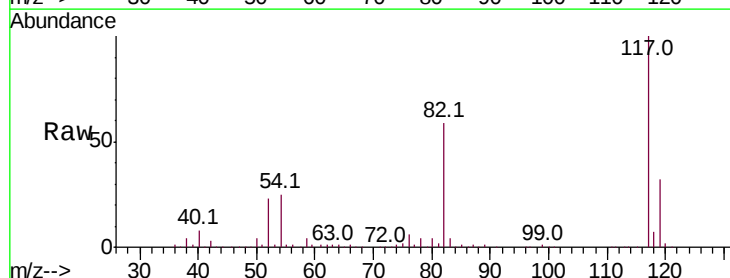
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C4-(0)

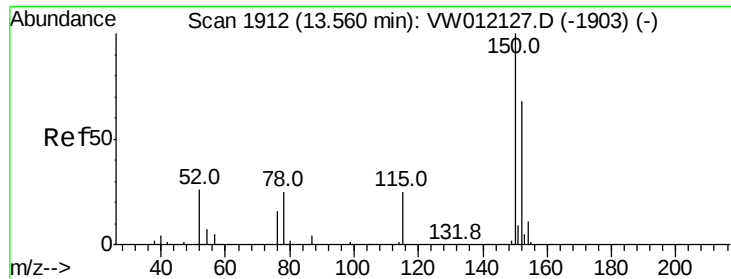
Tot Ion	95	Resp	148405
Ion Ratio	100	Lower	Upper
174	78.0	0.0	150.8
176	75.6	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012527.D
Acq: 03 Sep 2019 04:32

Tgt Ion	117	Resp	330911
Ion Ratio	100	Lower	Upper
82	58.9	47.4	71.2
119	32.1	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: VW012527.D

Acq: 03 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C4-(0)

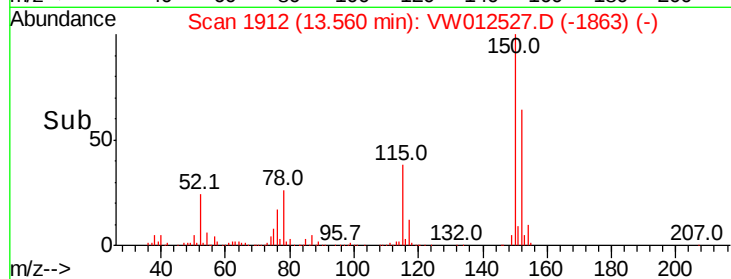
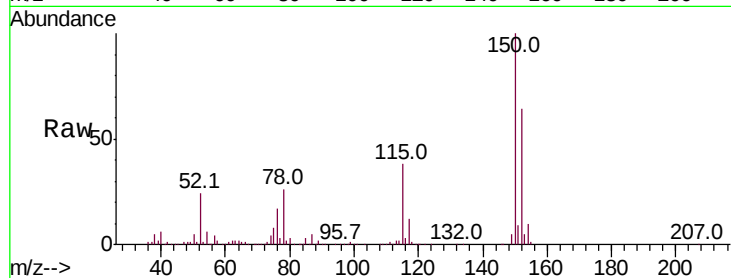
Tot Ion:152 Resp: 121374

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

150 156.9 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

