

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012518.D
 Acq On : 03 Sep 2019 00:40
 Operator : SY/VA
 Sample : K4544-04
 Misc : 4.85G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B3-(0)

Quant Time: Sep 03 08:11:35 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

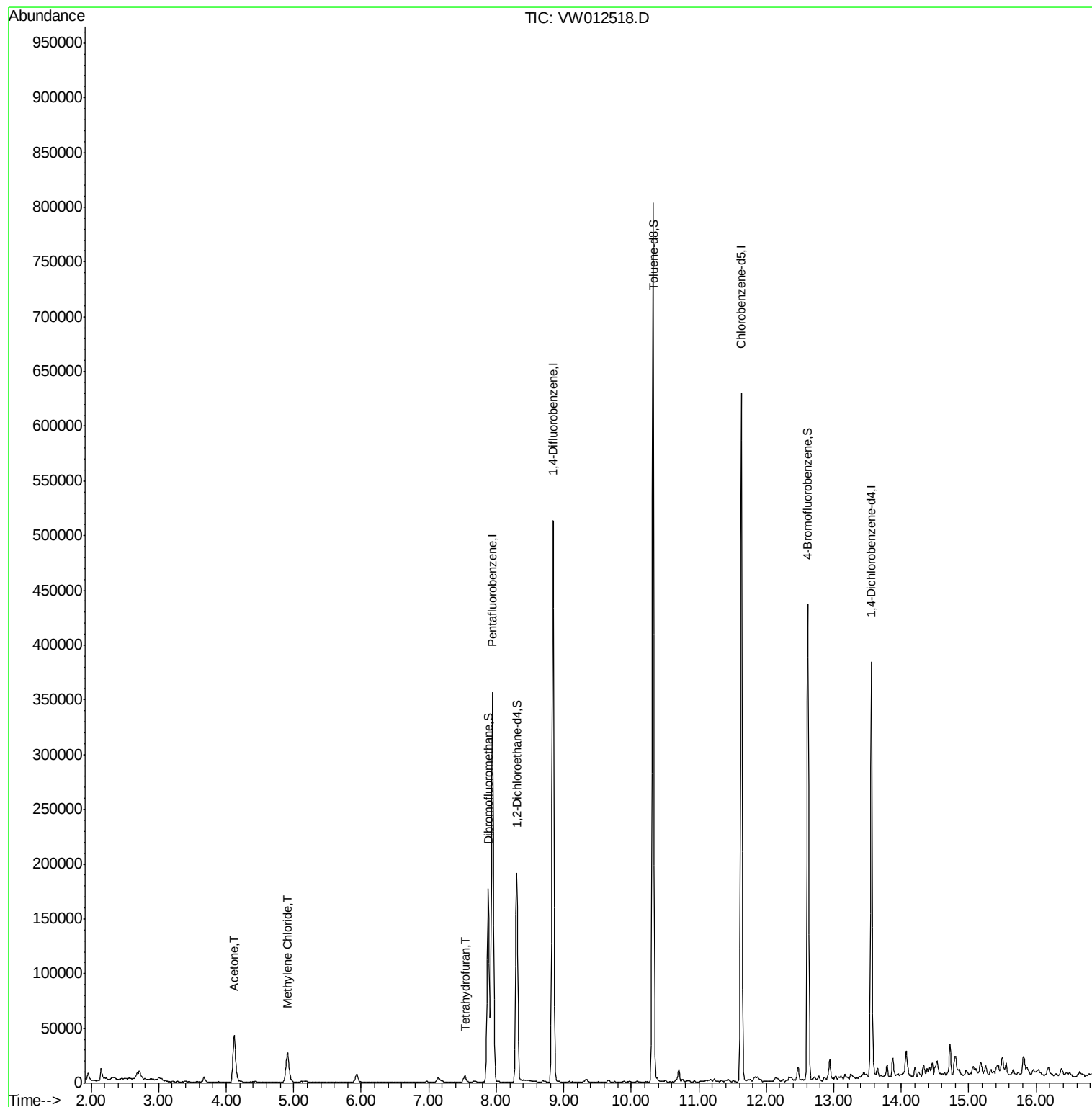
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	99511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156201	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	7.88	113	126942	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.32	98	514958	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	141768	38.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.86%	
Target Compounds						
16) Acetone	4.12	43	82005	101.923	ug/l	99
20) Methylene Chloride	4.90	84	19232	6.323	ug/l	97
29) Tetrahydrofuran	7.53	42	4999	7.621	ug/l	94

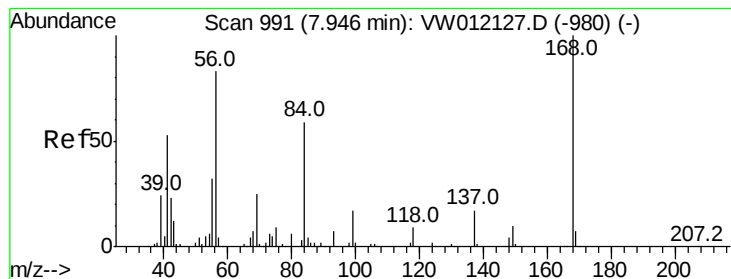
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW012518.D

Acq: 03 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

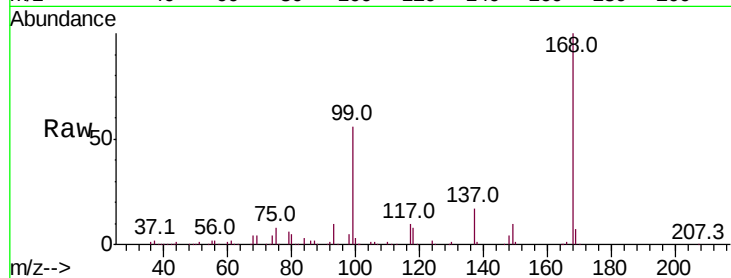
T16-17-B3-(0)

Tot Ion:168 Resp: 264777

Ion Ratio Lower Upper

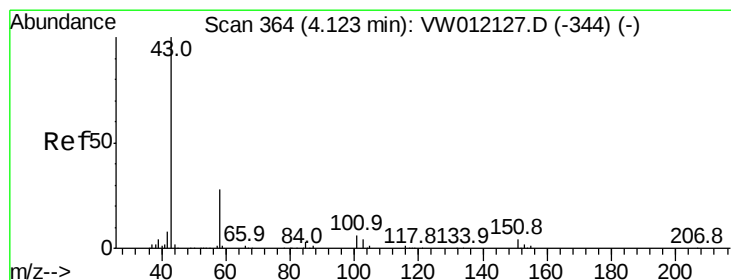
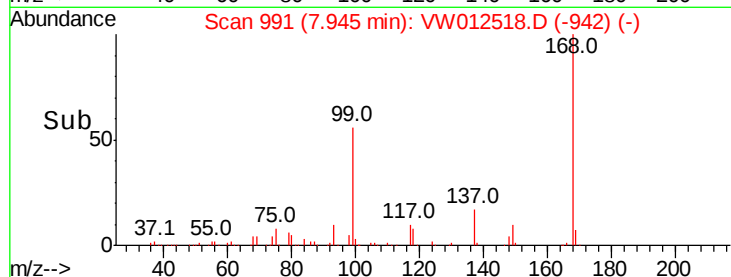
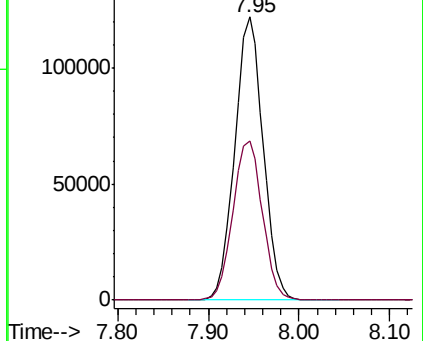
168 100

99 56.3 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: 101.923 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012518.D

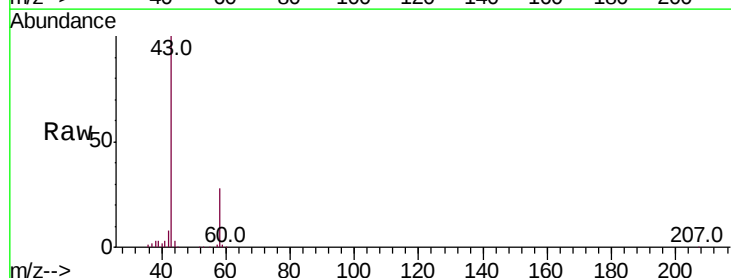
Acq: 03 Sep 2019 00:40

Tgt Ion: 43 Resp: 82005

Ion Ratio Lower Upper

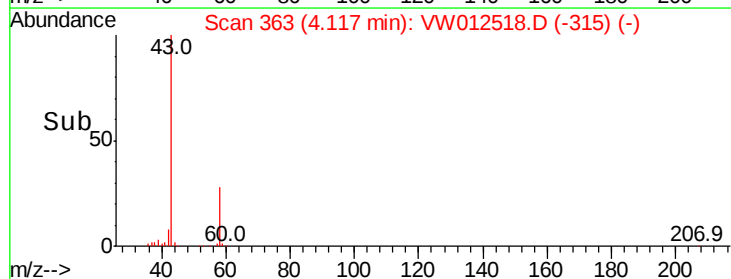
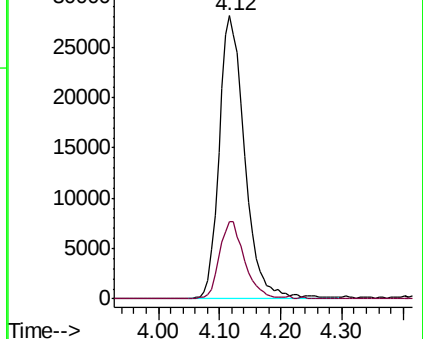
43 100

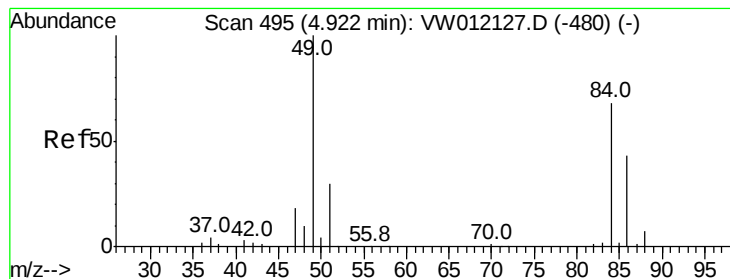
58 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 6.323 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012518.D

Acq: 03 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B3-(0)

Tot Ion: 84 Resp: 19232

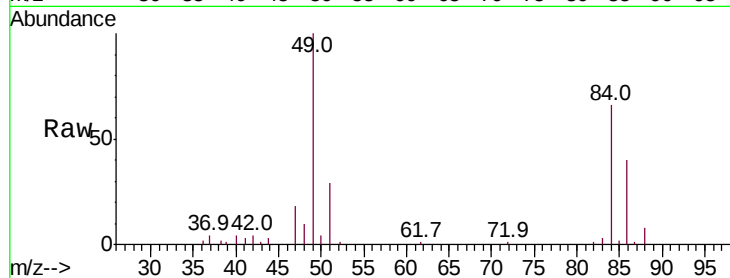
Ion Ratio Lower Upper

84 100

49 152.6 117.8 176.8

51 44.1 35.6 53.4

86 61.5 51.2 76.8

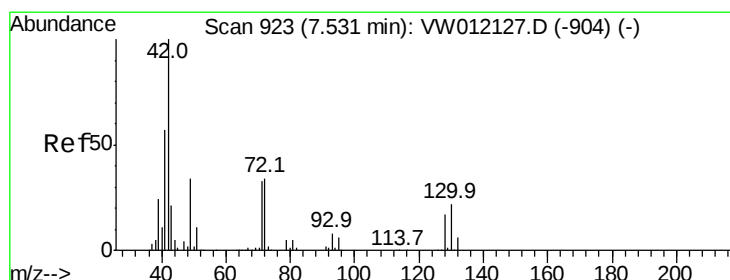
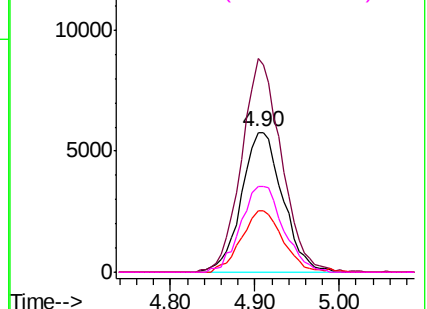
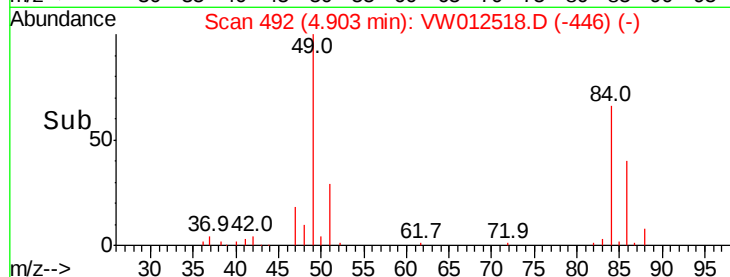


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 7.621 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012518.D

Acq: 03 Sep 2019 00:40

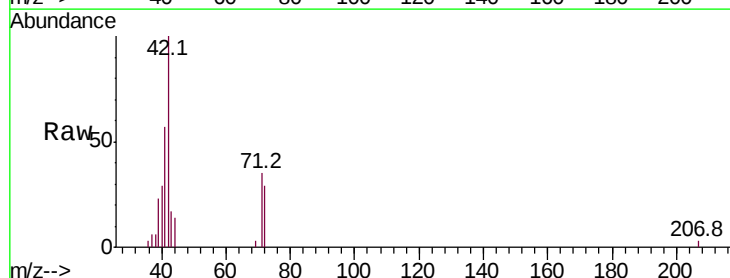
Tgt Ion: 42 Resp: 4999

Ion Ratio Lower Upper

42 100

72 37.3 27.3 40.9

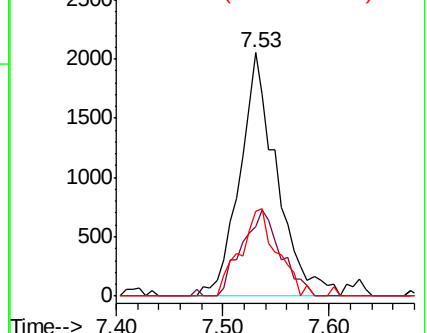
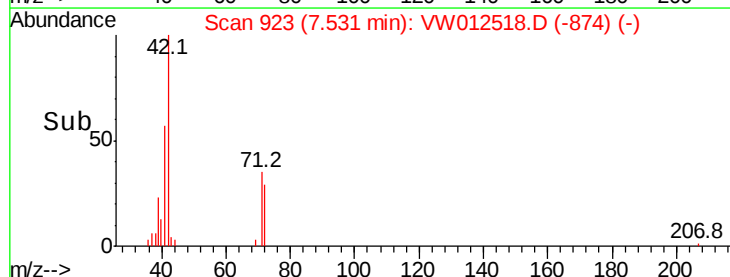
71 35.7 25.5 38.3

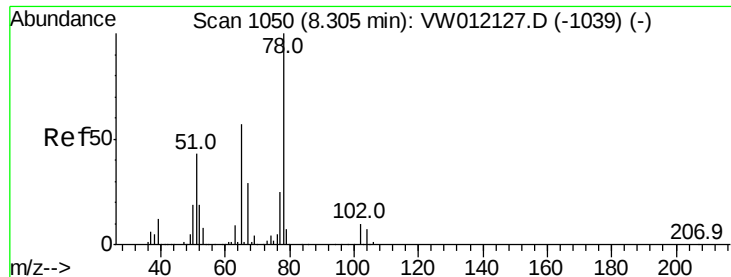


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

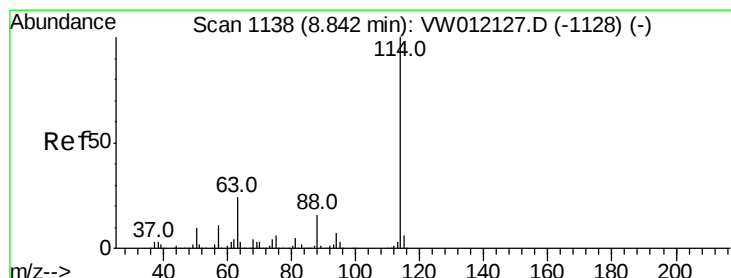
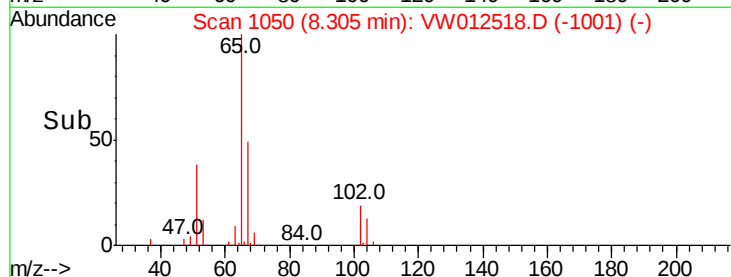
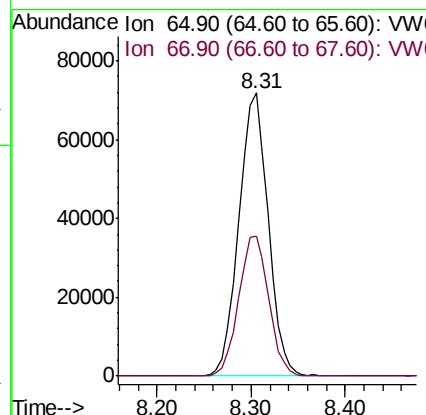
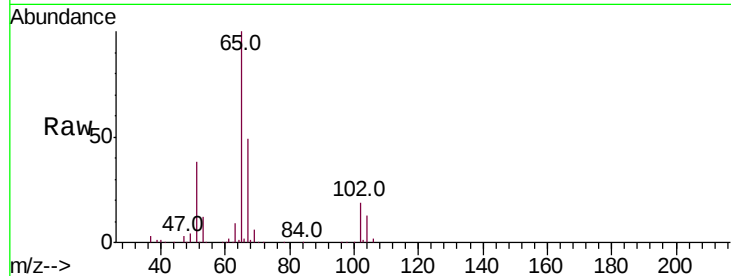




#33
 1,2-Dichloroethane-d4
 Concen: 49.626 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012518.D
 Acq: 03 Sep 2019 00:40

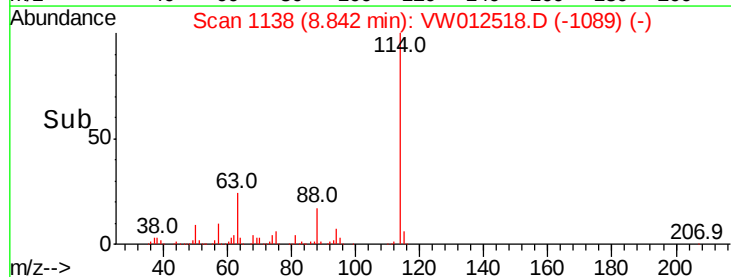
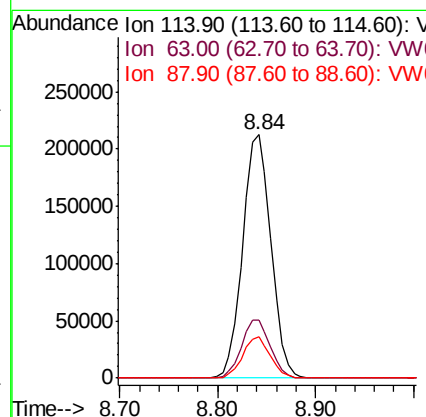
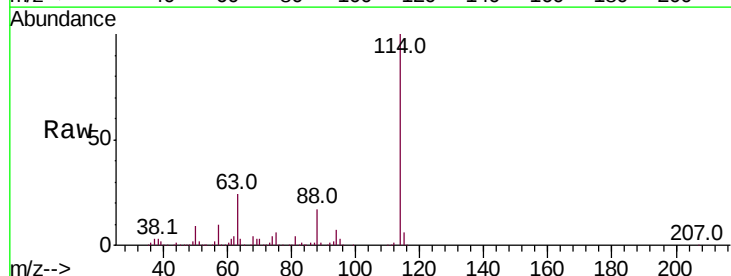
Instrument :
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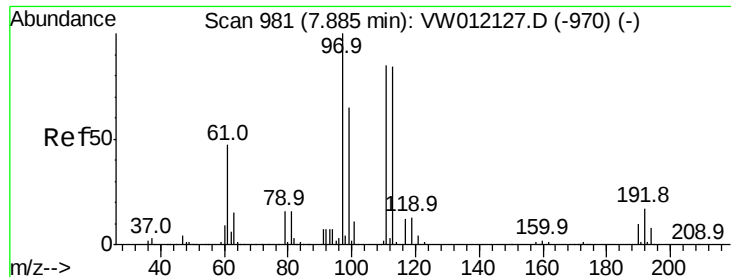
Tot Ion: 65 Resp: 156201
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012518.D
 Acq: 03 Sep 2019 00:40

Tgt Ion: 114 Resp: 426858
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.6
 88 16.7 0.0 32.2

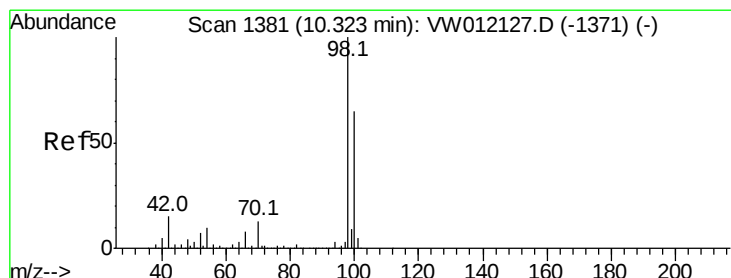
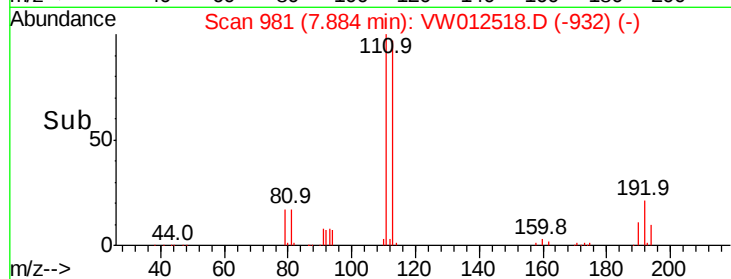
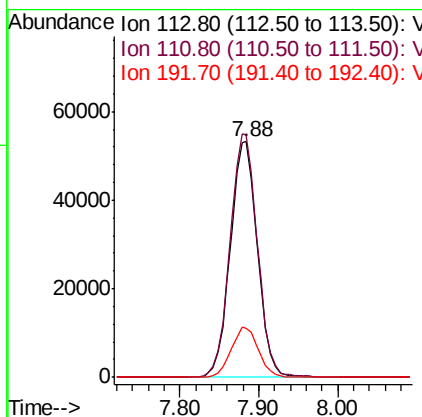
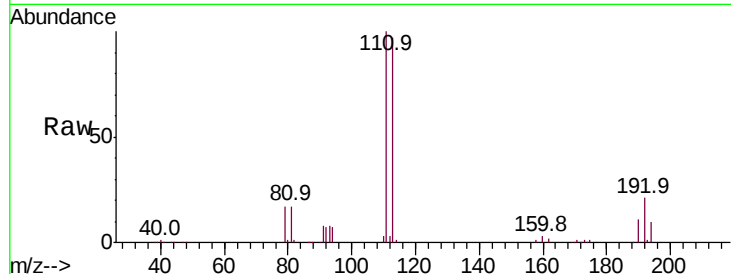




#35
 Dibromofluoromethane
 Concen: 49.822 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012518.D
 Acq: 03 Sep 2019 00:40

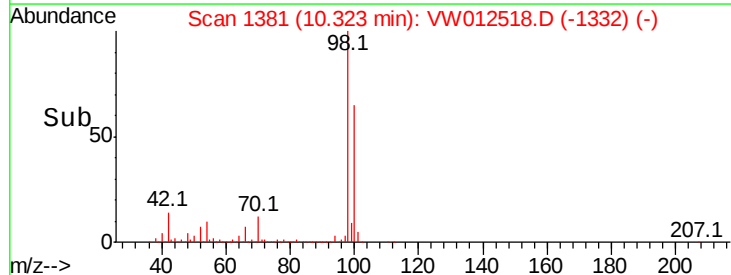
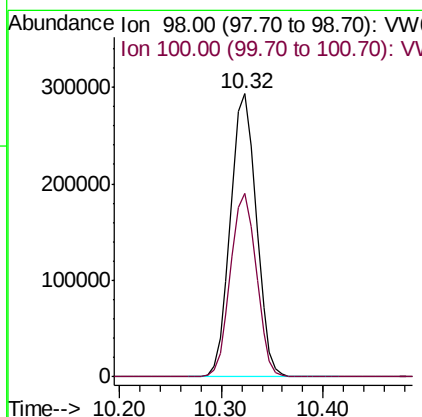
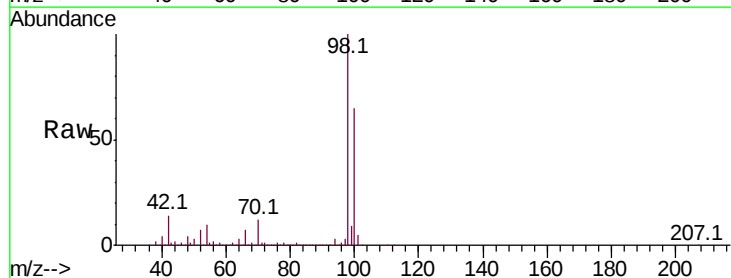
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B3-(0)

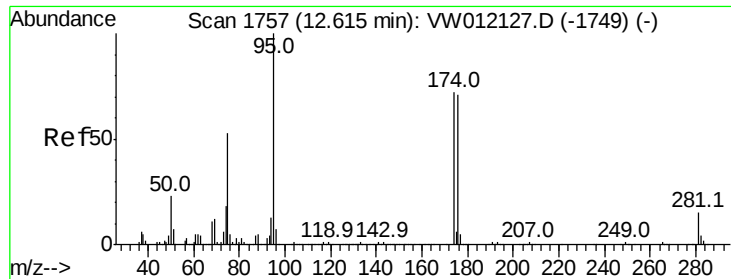
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.7	124.1
192	21.2	16.2	24.2



#50
 Toluene-d8
 Concen: 49.845 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012518.D
 Acq: 03 Sep 2019 00:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

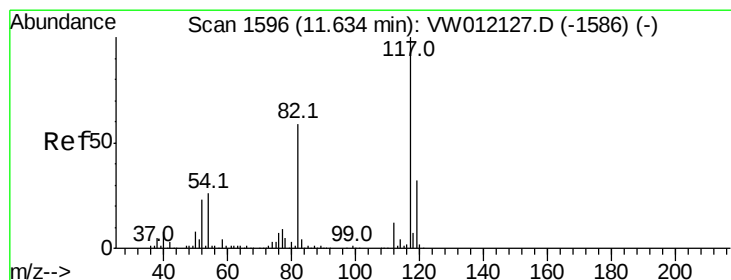
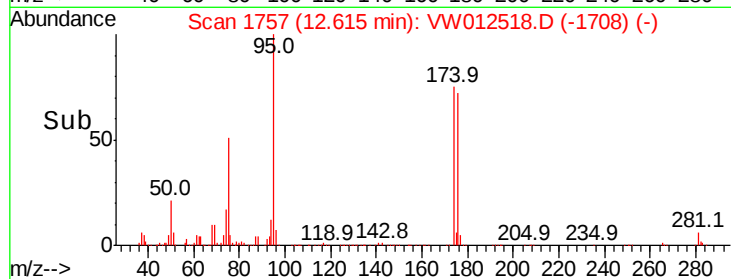
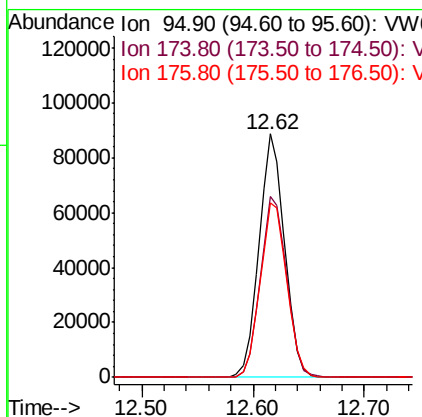
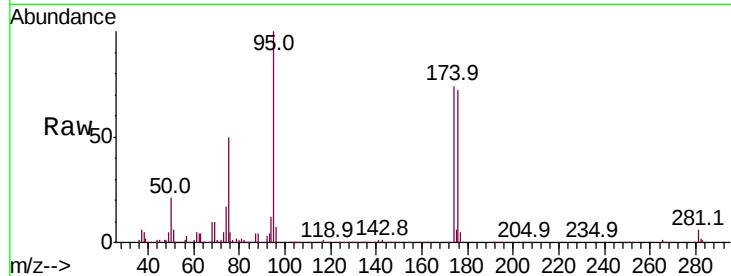




#62
4-Bromofluorobenzene
Concen: 38.929 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012518.D
Acq: 03 Sep 2019 00:40

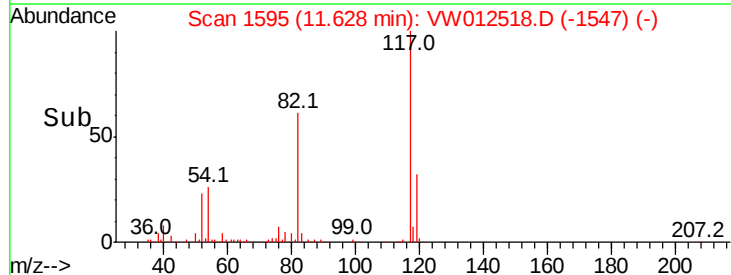
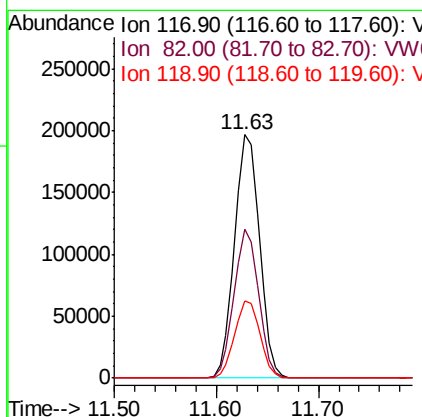
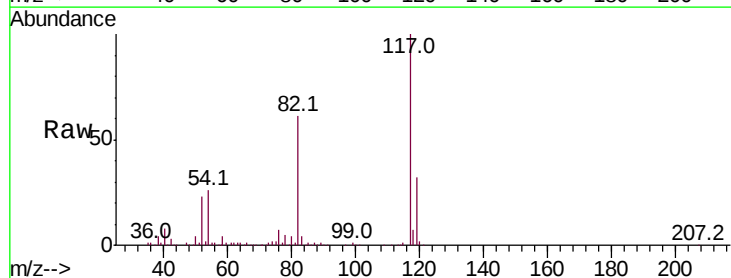
Instrument :
MSVOA_W
ClientSampleId :
T16-17-B3-(0)

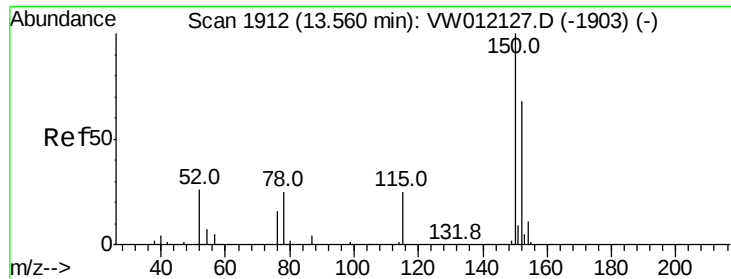
Tot Ion	95	Resp	141768
Ion Ratio	Lower	Upper	
95	100		
174	76.8	0.0	150.8
176	74.8	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012518.D
Acq: 03 Sep 2019 00:40

Tgt Ion	117	Resp	334162
Ion Ratio	Lower	Upper	
117	100		
82	61.0	47.4	71.2
119	31.6	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: VW012518.D

Acq: 03 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B3-(0)

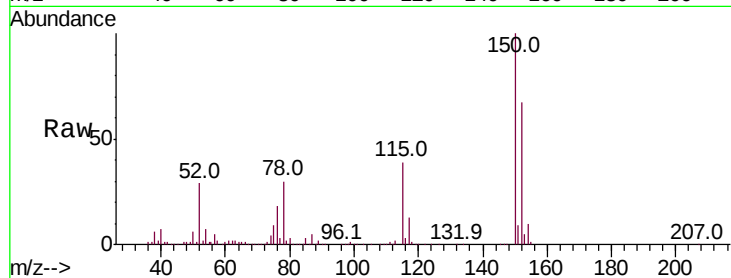
Tot Ion:152 Resp: 99511

Ion Ratio Lower Upper

152 100

115 59.0 30.1 90.3

150 155.3 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

