

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012589.D
 Acq On : 04 Sep 2019 12:49
 Operator : SY/VA
 Sample : K4619-09
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP3-COMP

Quant Time: Sep 04 15:01:40 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

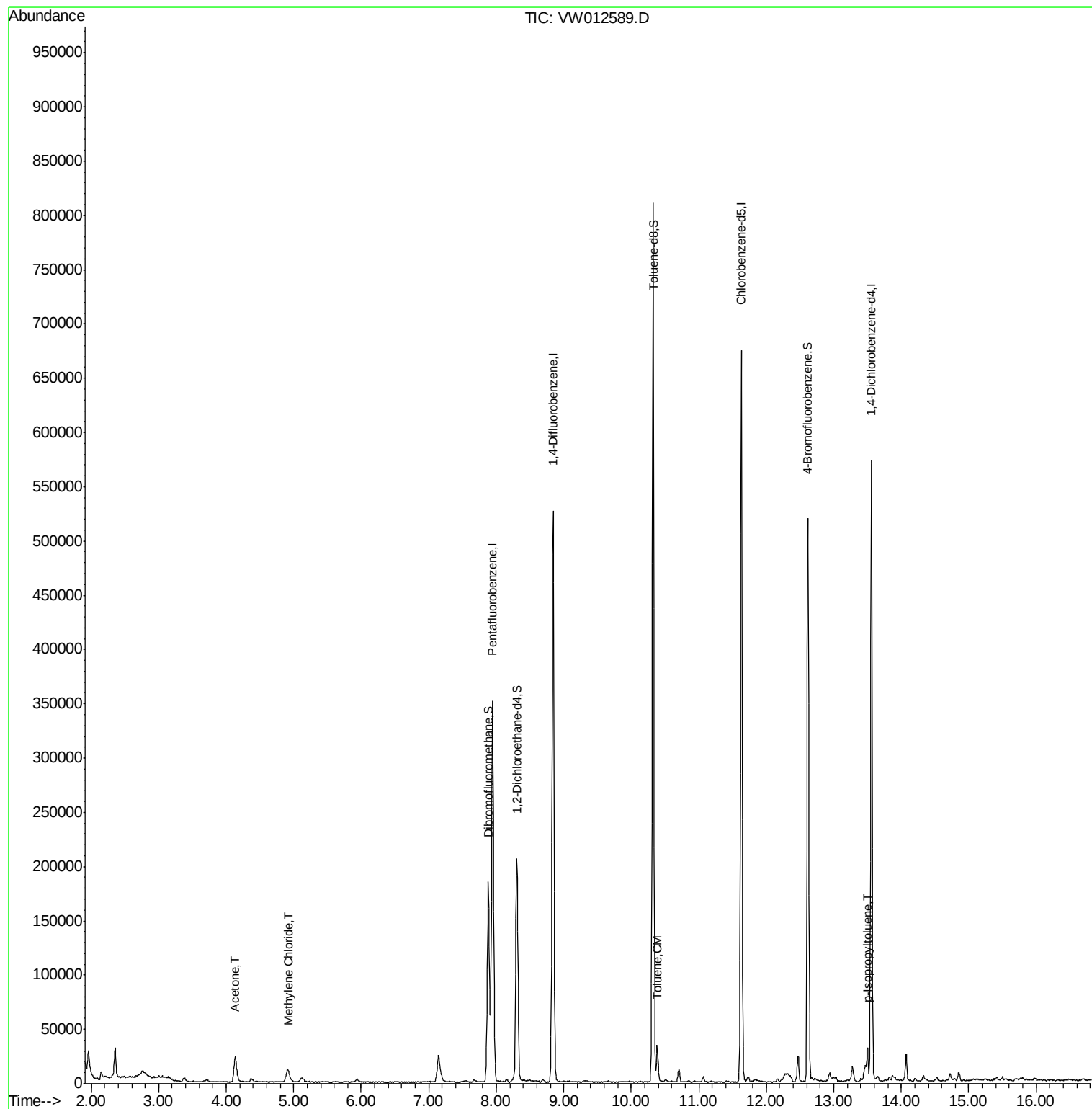
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	166009	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
35) Dibromofluoromethane	7.88	113	126951	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.32	98	500473	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	162815	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
16) Acetone	4.14	43	47362	61.715	ug/l	99
20) Methylene Chloride	4.92	84	8810	3.037	ug/l #	82
52) Toluene	10.39	92	12614	1.827	ug/l	91
86) p-Isopropyltoluene	13.50	119	14591	1.504	ug/l	89

(#) = 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: VW012589.D

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Instrument :

MSVOA_W

ClientSampleId :

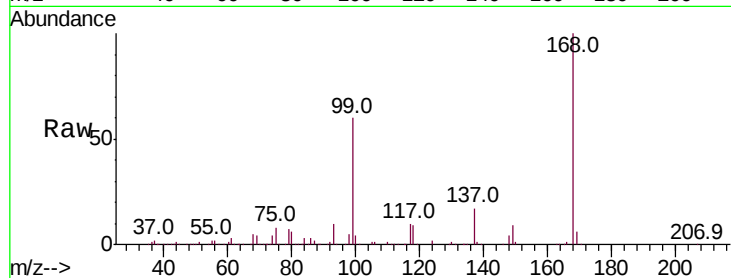
TP3-COMP

Tot Ion:168 Resp: 252551

Ion Ratio Lower Upper

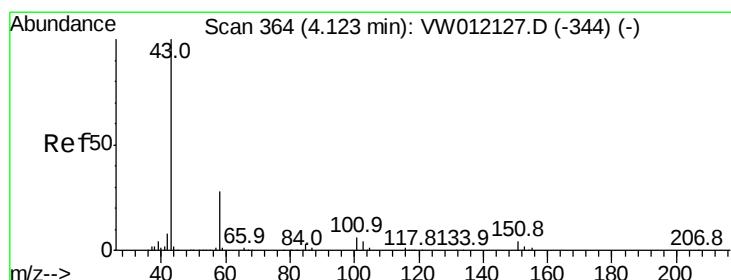
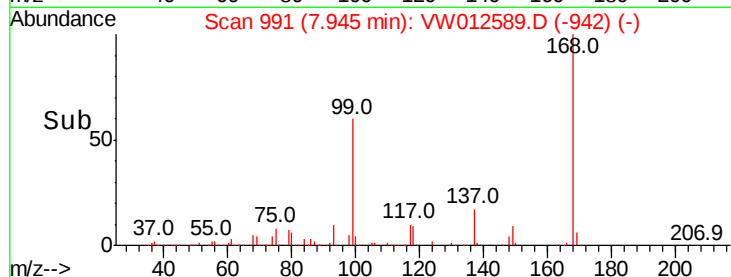
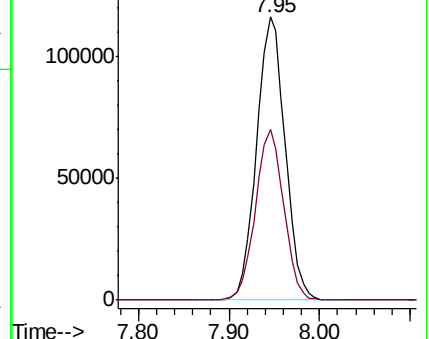
168 100

99 60.3 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: 61.715 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012589.D

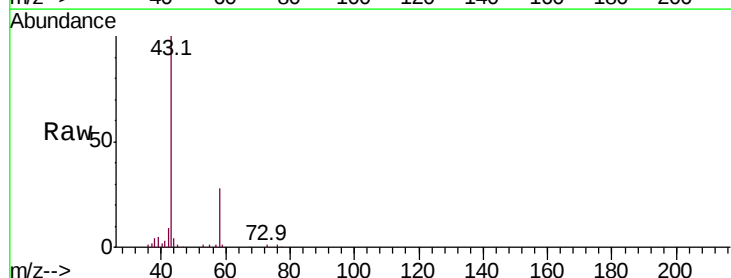
Acq: 04 Sep 2019 12:49

Tgt Ion: 43 Resp: 47362

Ion Ratio Lower Upper

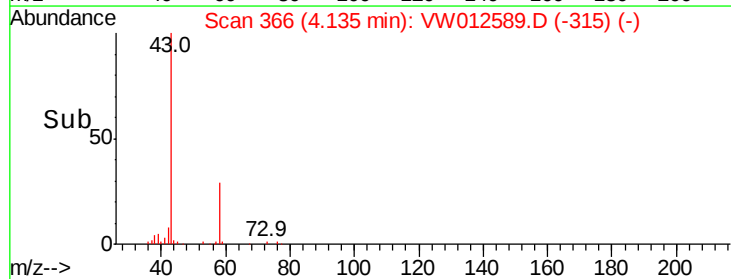
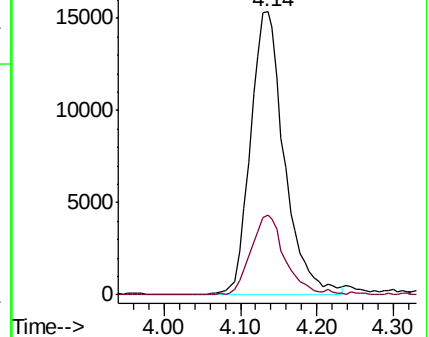
43 100

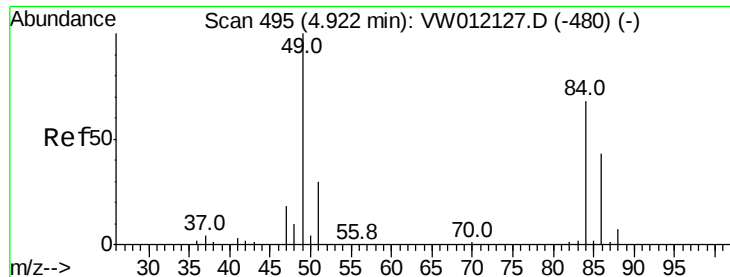
58 28.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

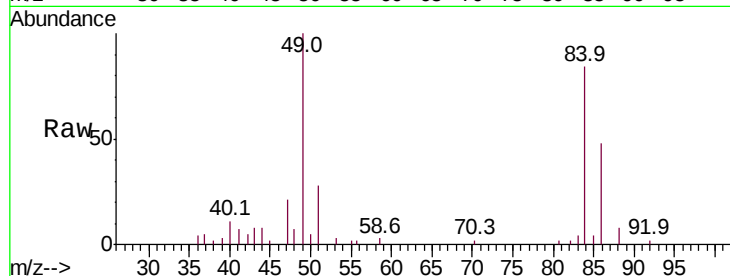




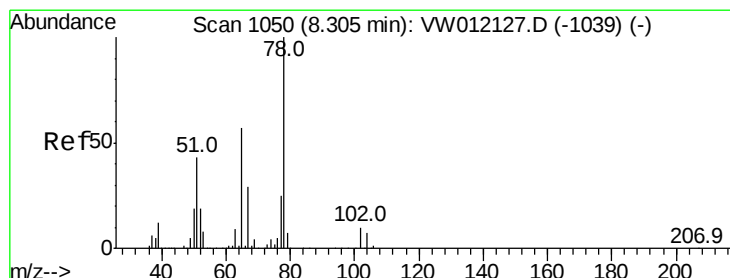
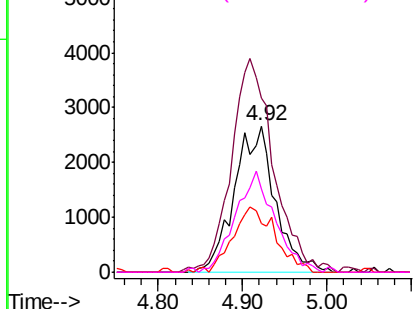
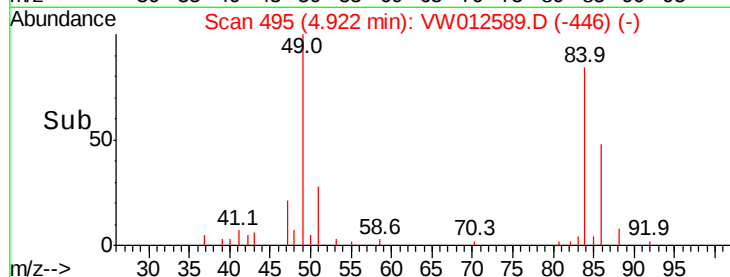
#20
Methvlene Chloride
Concen: 3.037 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012589.D
Acq: 04 Sep 2019 12:49

Instrument :
MSVOA_W
ClientSampleId :
TP3-COMP

Tot Ion: 84 Resp: 8810
Ion Ratio Lower Upper
84 100
49 119.6 117.8 176.8
51 33.2 35.6 53.4#
86 57.3 51.2 76.8

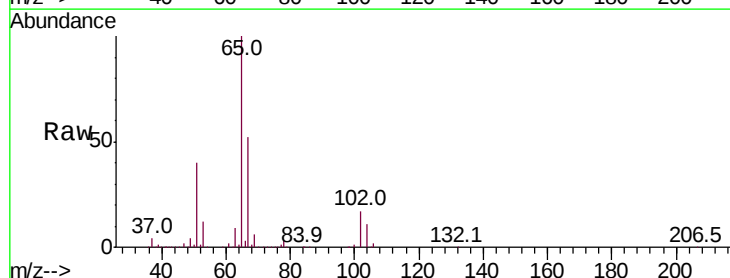


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

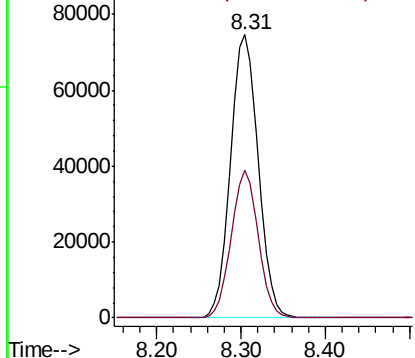
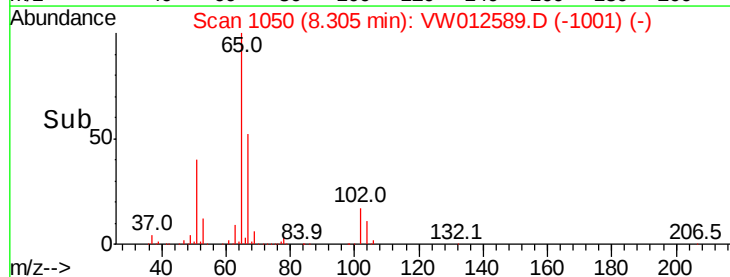


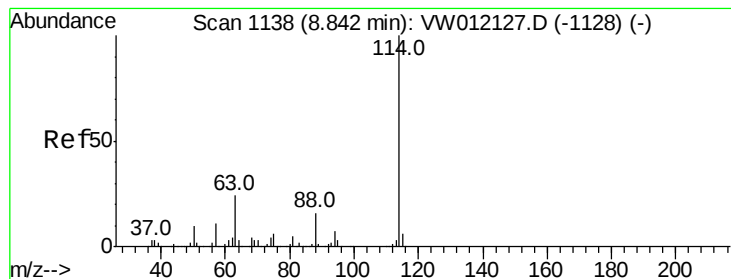
#33
1,2-Dichloroethane-d4
Concen: 55.296 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012589.D
Acq: 04 Sep 2019 12:49

Tgt Ion: 65 Resp: 166009
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.6



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: VW012589.D

Acq: 04 Sep 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

TP3-COMP

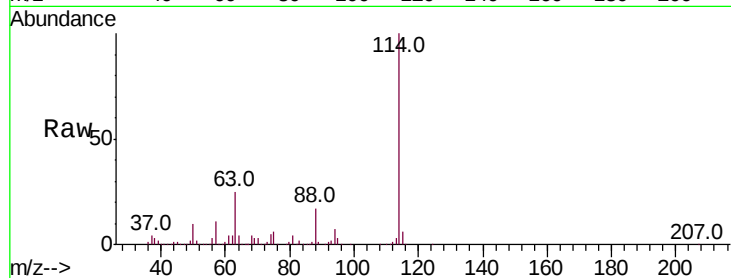
Tot Ion:114 Resp: 407277

Ion Ratio Lower Upper

114 100

63 25.0 0.0 48.6

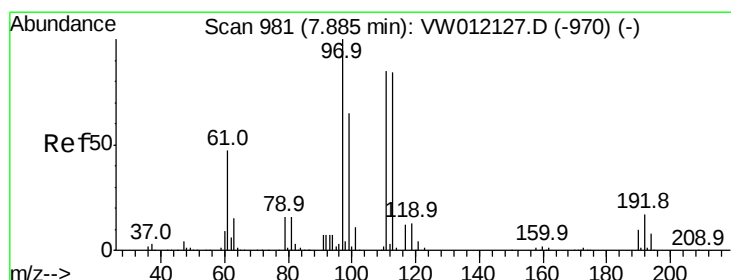
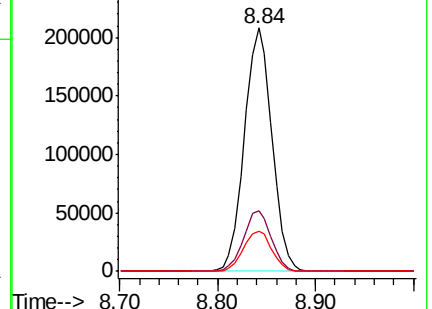
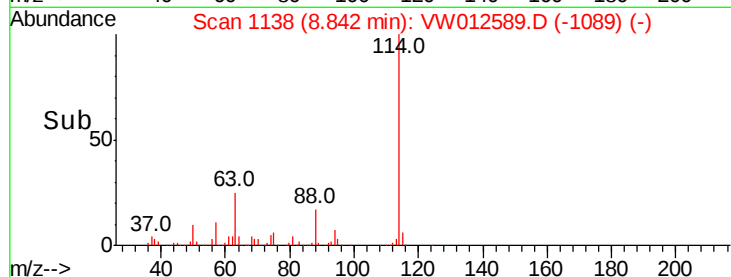
88 16.7 0.0 32.2



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: 52.221 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012589.D

Acq: 04 Sep 2019 12:49

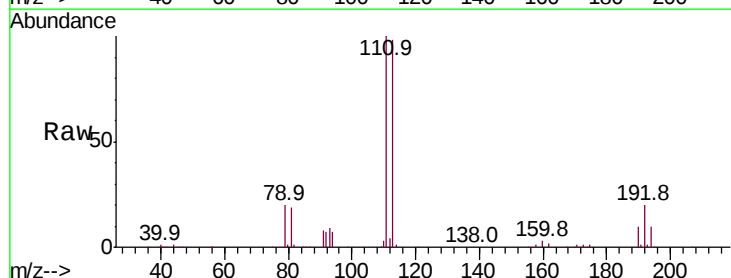
Tgt Ion:113 Resp: 126951

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

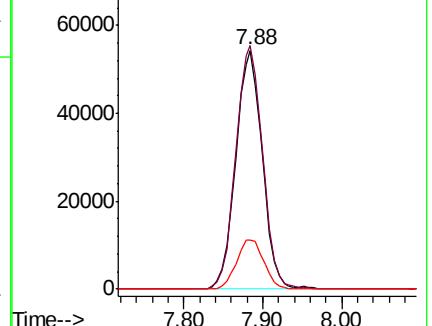
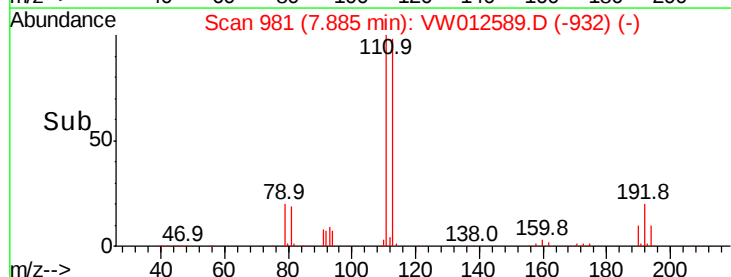
192 21.5 16.2 24.2

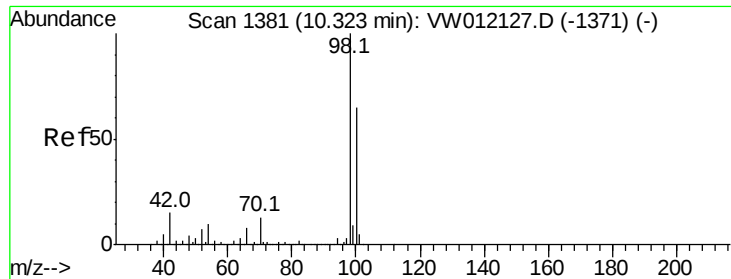


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

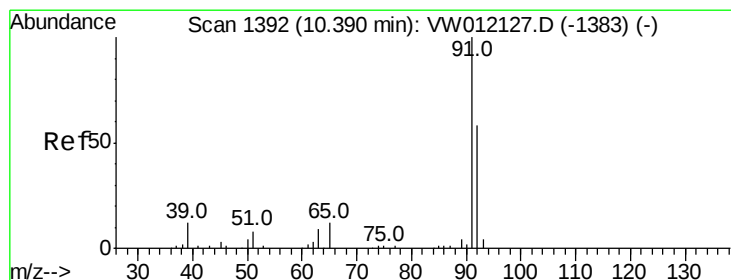
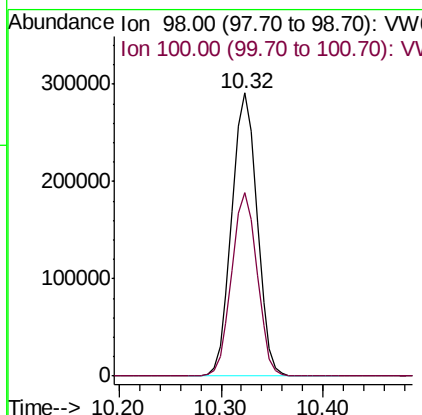
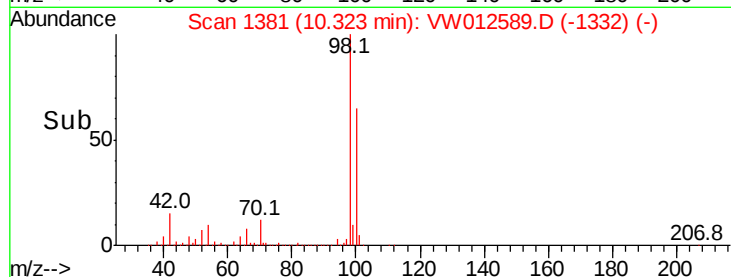
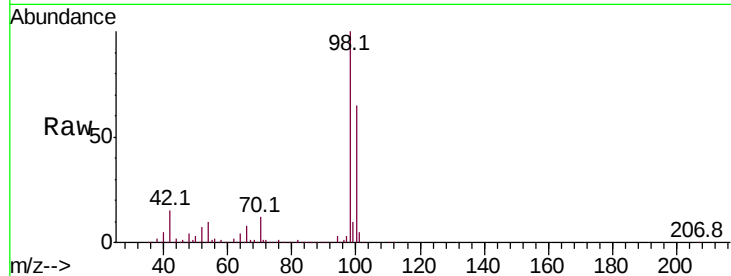




#50
Toluene-d8
Concen: 50.772 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012589.D
Acq: 04 Sep 2019 12:49

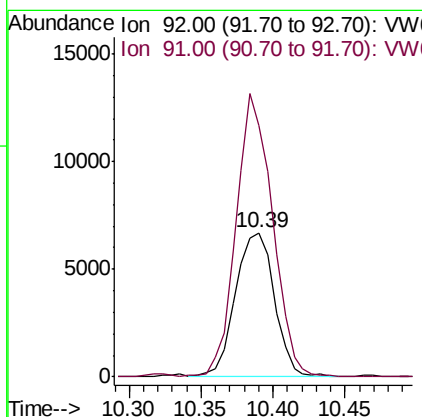
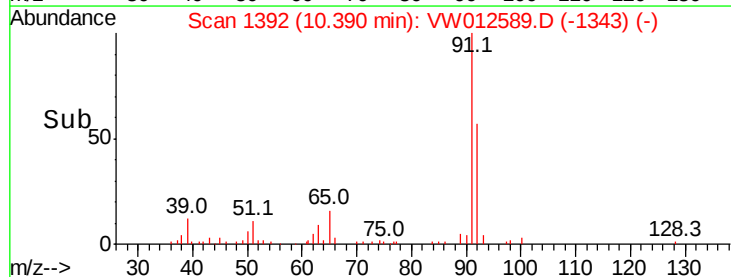
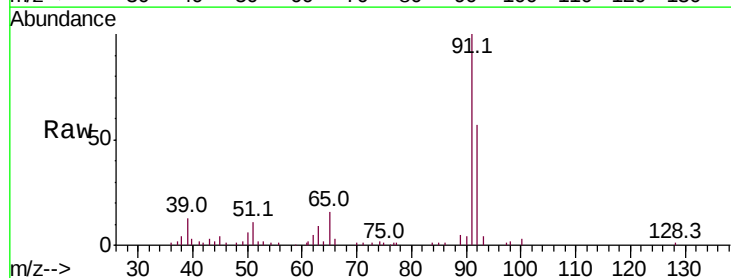
Instrument :
MSVOA_W
ClientSampleId :
TP3-COMP

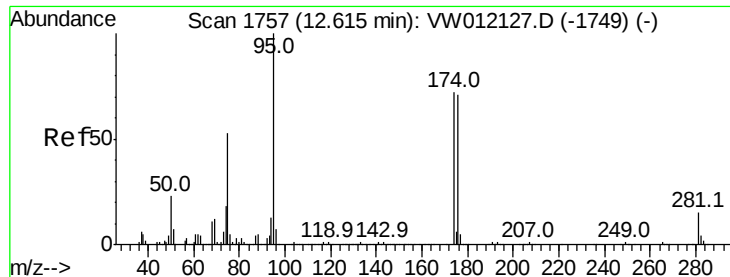
Tot Ion: 98 Resp: 500473
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#52
Toluene
Concen: 1.827 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW012589.D
Acq: 04 Sep 2019 12:49

Tgt Ion: 92 Resp: 12614
Ion Ratio Lower Upper
92 100
91 183.4 136.6 204.8

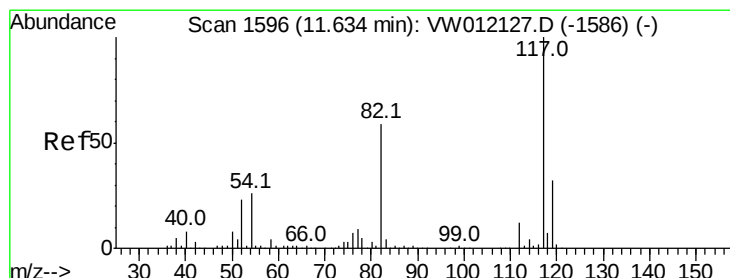
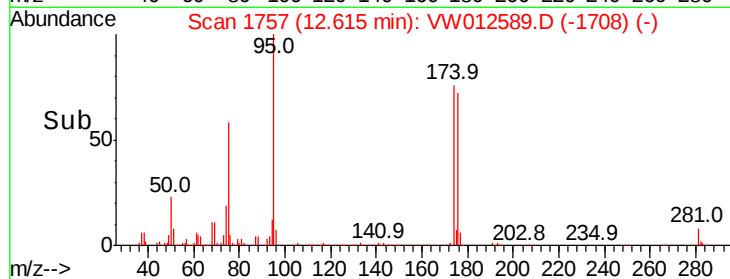
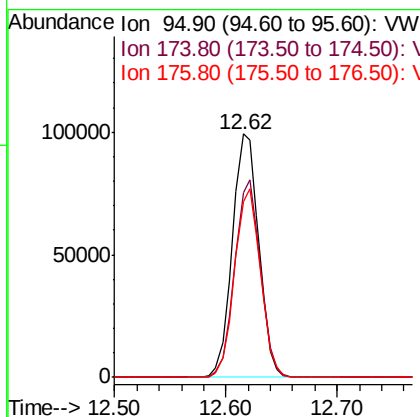
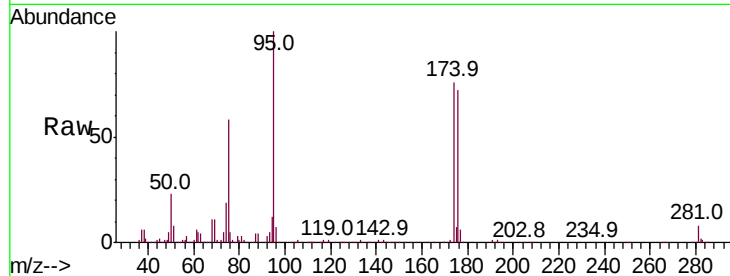




#62
4-Bromofluorobenzene
Concen: 46.858 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012589.D
Acq: 04 Sep 2019 12:49

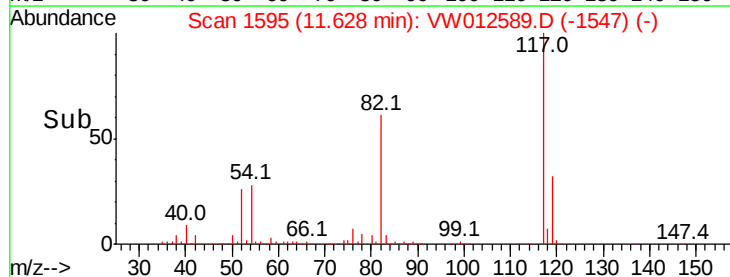
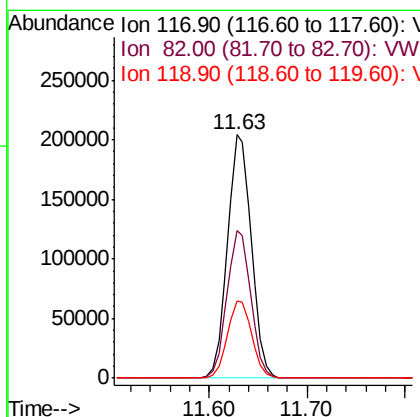
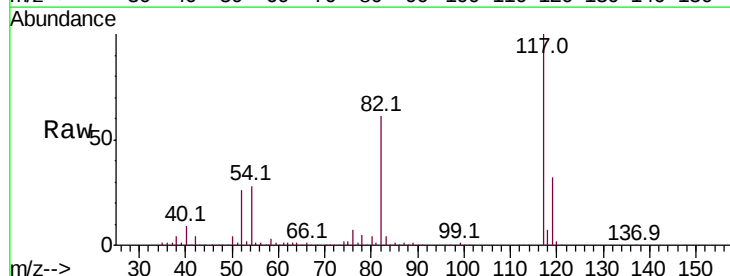
Instrument :
MSVOA_W
ClientSampleId :
TP3-COMP

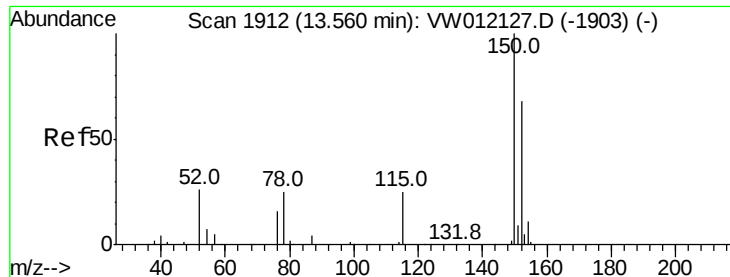
Tot Ion	95	Resp	162815
Ion Ratio	100		
Lower			
Upper			
95	100		
174	79.0	0.0	150.8
176	75.8	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012589.D
Acq: 04 Sep 2019 12:49

Tgt Ion	117	Resp	345658
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
117	100		
82	60.7	47.4	71.2
119	31.8	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: VW012589.D

Acq: 04 Sep 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

TP3-COMP

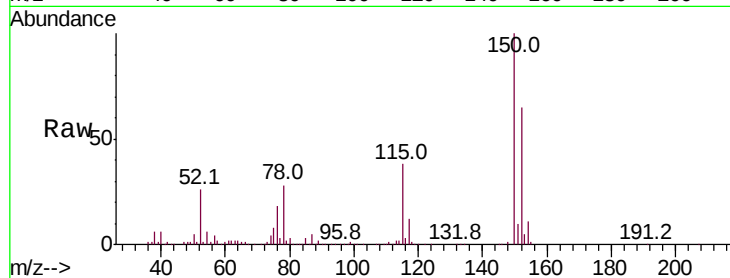
Tot Ion:152 Resp: 142926

Ion Ratio Lower Upper

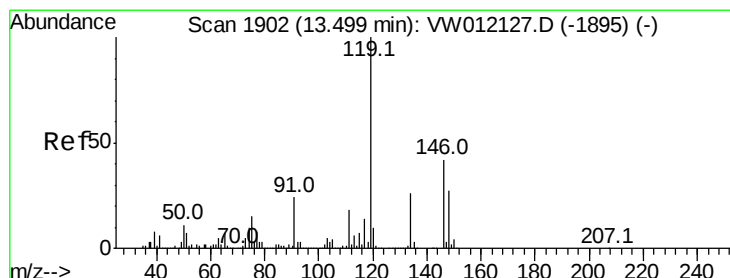
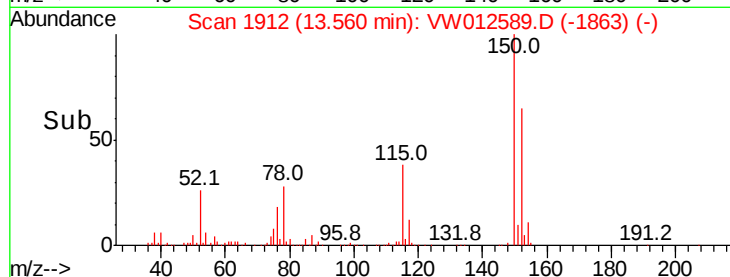
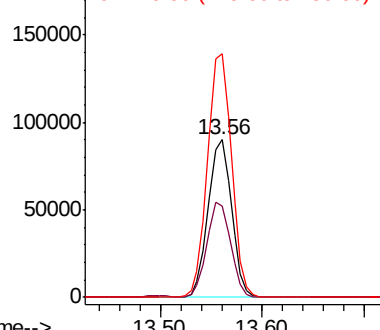
152 100

115 61.2 30.1 90.3

150 158.5 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



#86

p-Isopropyltoluene

Concen: 1.504 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012589.D

Acq: 04 Sep 2019 12:49

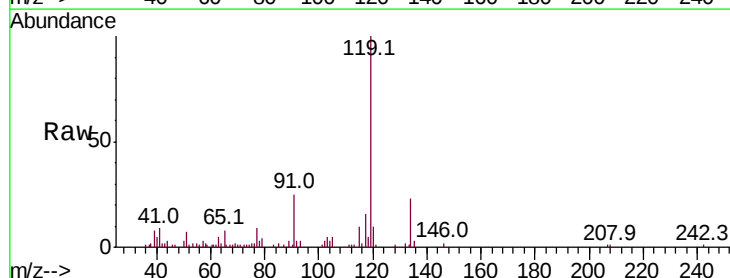
Tgt Ion:119 Resp: 14591

Ion Ratio Lower Upper

119 100

134 26.6 12.8 38.3

91 34.8 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

