

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012546.D
 Acq On : 03 Sep 2019 15:04
 Operator : SY/VA
 Sample : K4647-04
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S402-K1-1.0-1.5-082619

Quant Time: Sep 03 15:47:27 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

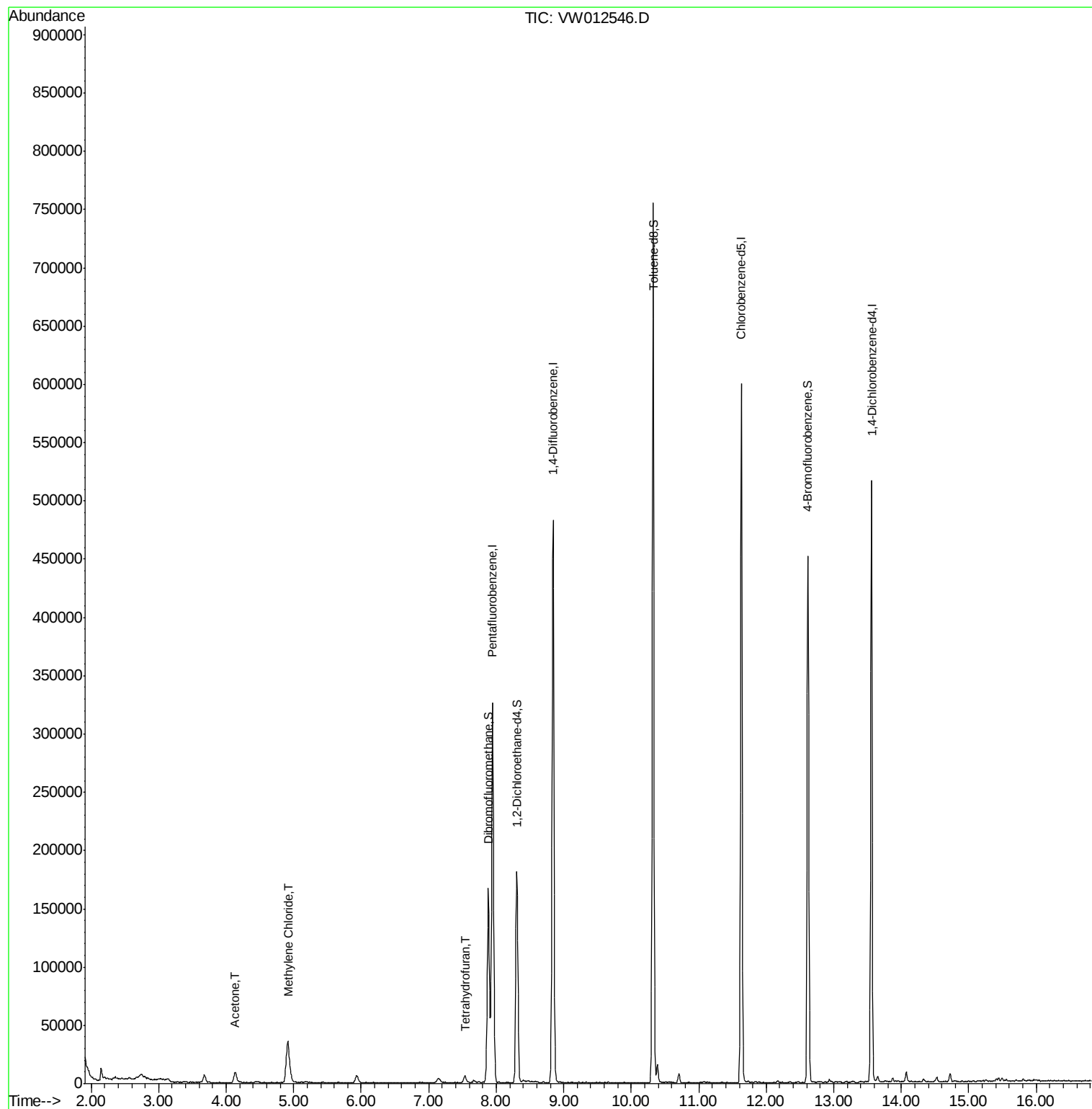
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146285	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	117009	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.32	98	466017	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	149117	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
16) Acetone	4.13	43	18617	26.339	ug/l	97
20) Methylene Chloride	4.92	84	27707	10.369	ug/l	95
29) Tetrahydrofuran	7.54	42	5425	9.414	ug/l	96

(#) = 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: VW012546.D

Acq: 03 Sep 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

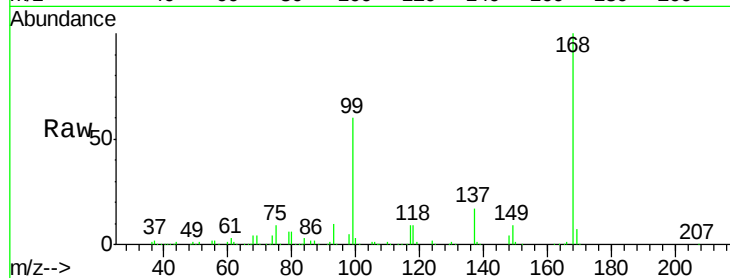
S402-K1-1.0-1.5-082619

Tot Ion:168 Resp: 232607

Ion Ratio Lower Upper

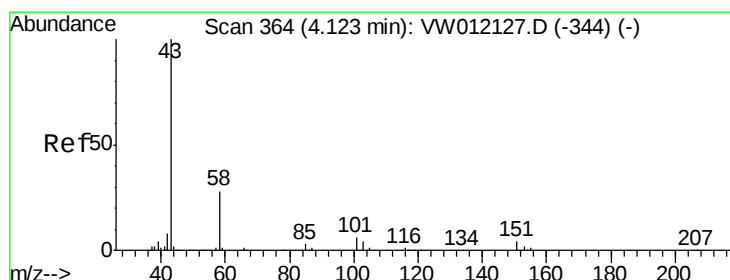
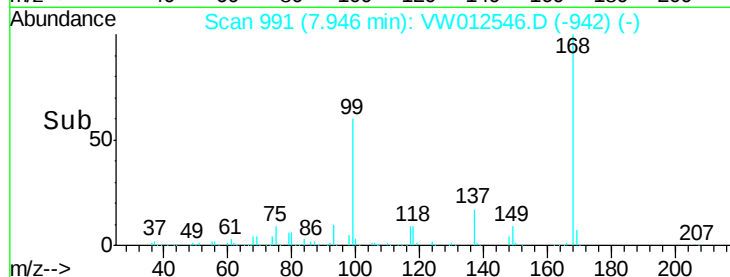
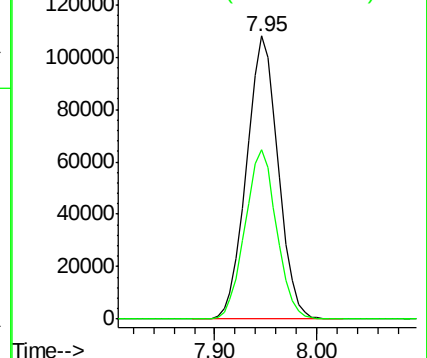
168 100

99 59.9 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: 26.339 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012546.D

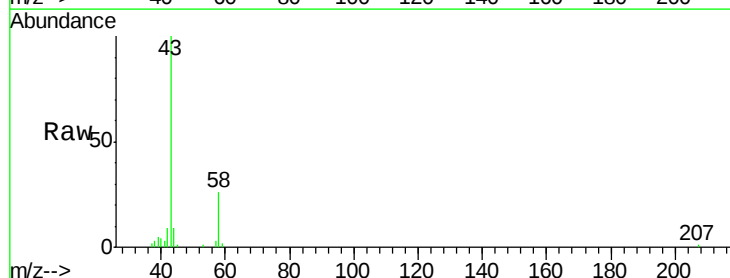
Acq: 03 Sep 2019 15:04

Tgt Ion: 43 Resp: 18617

Ion Ratio Lower Upper

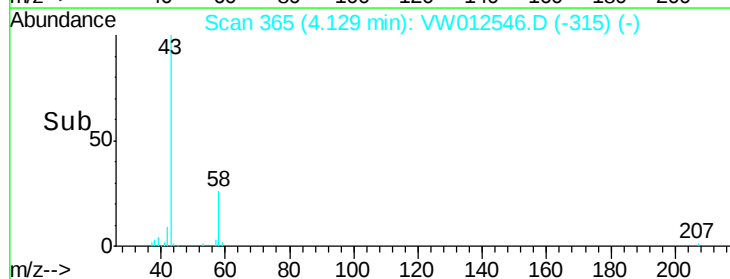
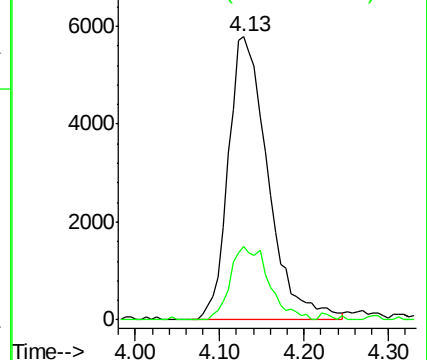
43 100

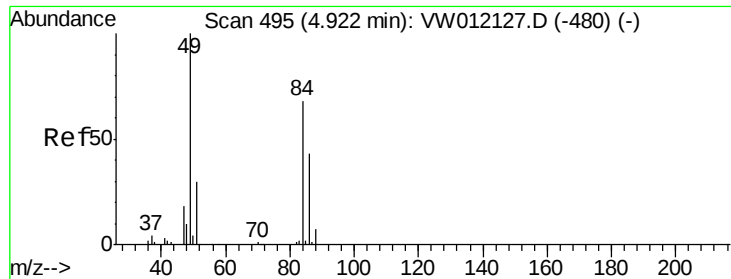
58 26.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

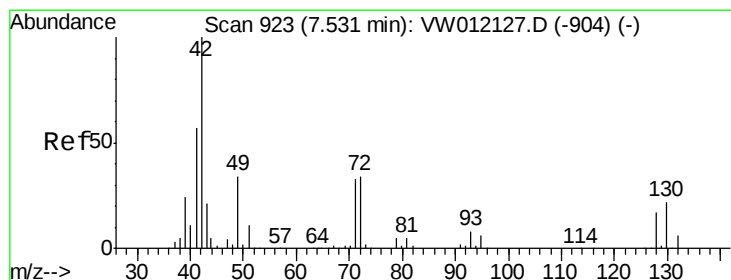
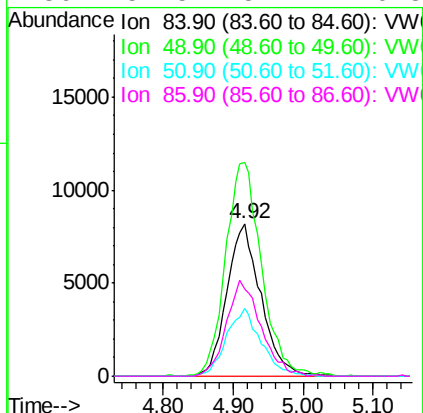
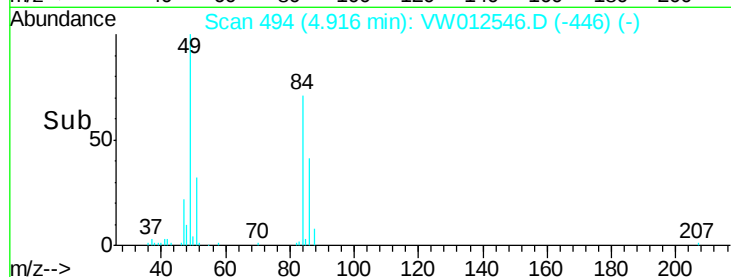
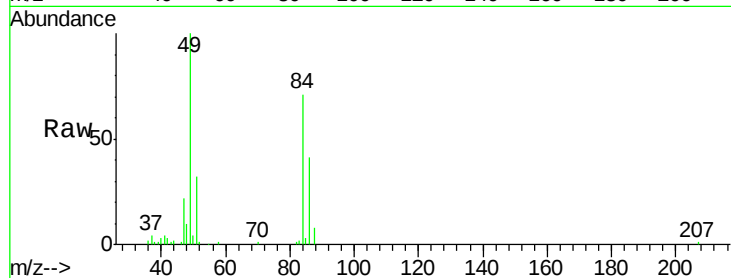




#20
Methylene Chloride
Concen: 10.369 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012546.D
Acq: 03 Sep 2019 15:04

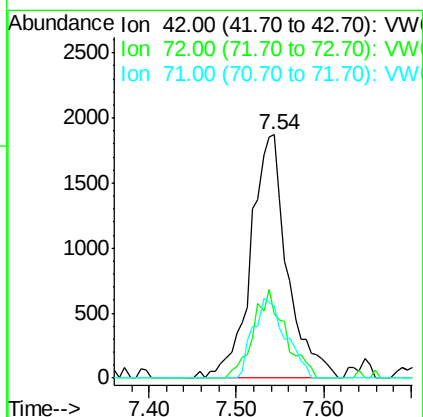
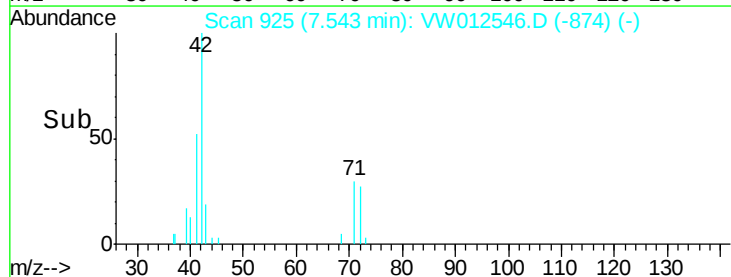
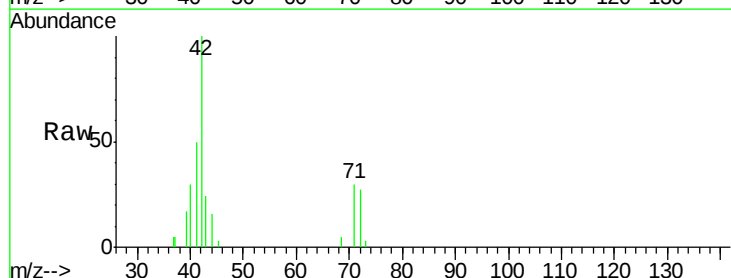
Instrument :
MSVOA_W
ClientSampleId :
S402-K1-1.0-1.5-082619

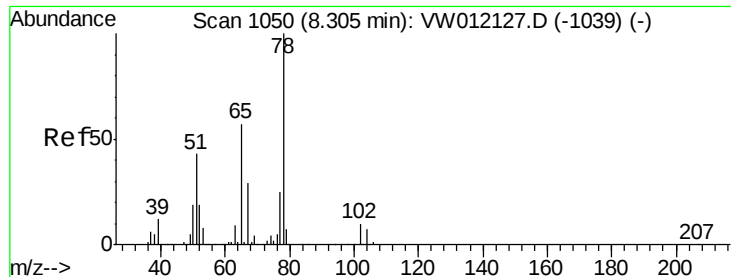
Tot Ion:	84	Resp:	27707
Ion	Ratio	Lower	Upper
84	100		
49	140.2	117.8	176.8
51	44.5	35.6	53.4
86	57.5	51.2	76.8



#29
Tetrahydrofuran
Concen: 9.414 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012546.D
Acq: 03 Sep 2019 15:04

Tgt Ion:	42	Resp:	5425
Ion	Ratio	Lower	Upper
42	100		
72	31.9	27.3	40.9
71	29.1	25.5	38.3

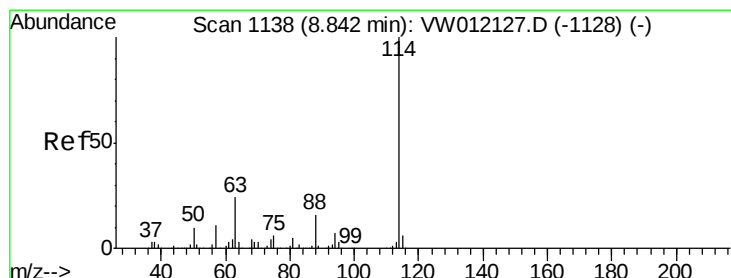
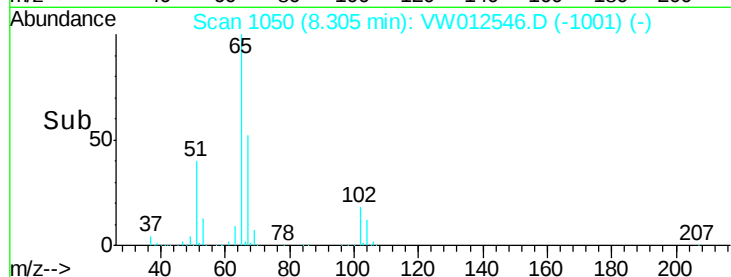
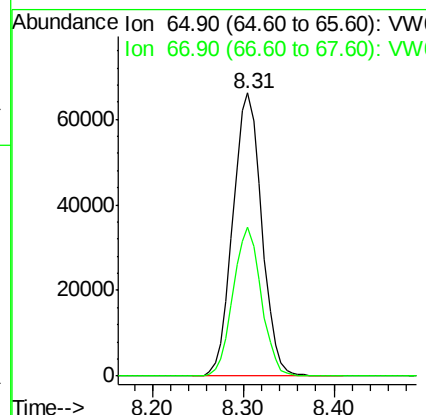
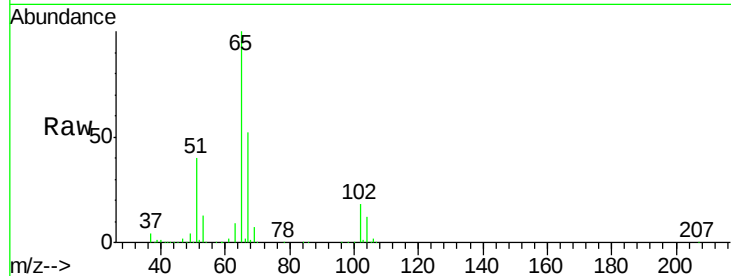




#33
 1,2-Dichloroethane-d4
 Concen: 52.903 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012546.D
 Acq: 03 Sep 2019 15:04

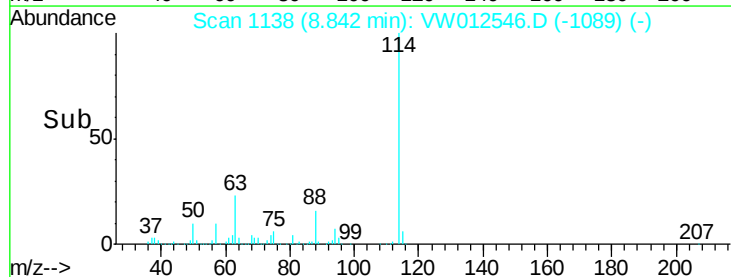
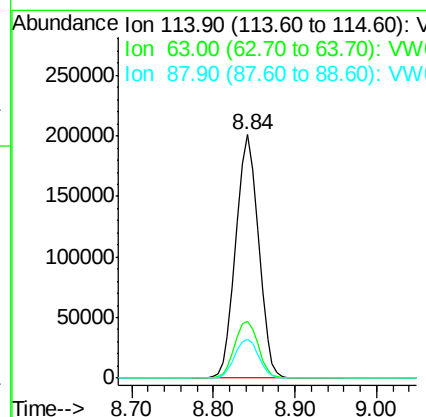
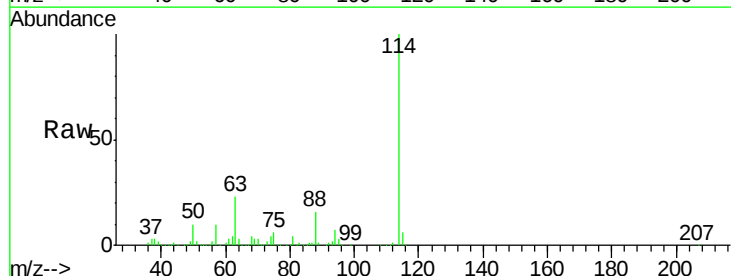
Instrument :
 MSVOA_W
 ClientSampleId :
 S402-K1-1.0-1.5-082619

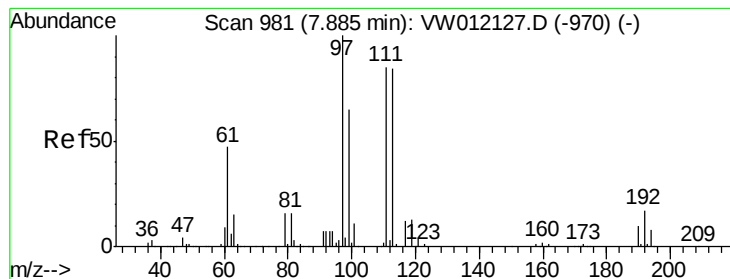
Tot Ion: 65 Resp: 146285
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012546.D
 Acq: 03 Sep 2019 15:04

Tgt Ion: 114 Resp: 385544
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 48.6
 88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.844 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012546.D

Acq: 03 Sep 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

S402-K1-1.0-1.5-082619

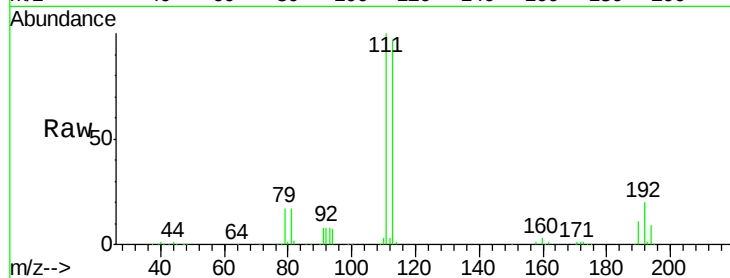
Tot Ion:113 Resp: 117009

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

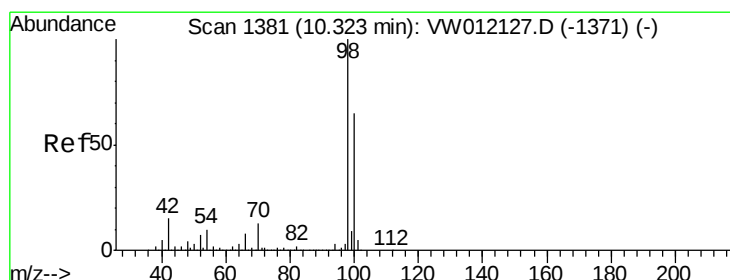
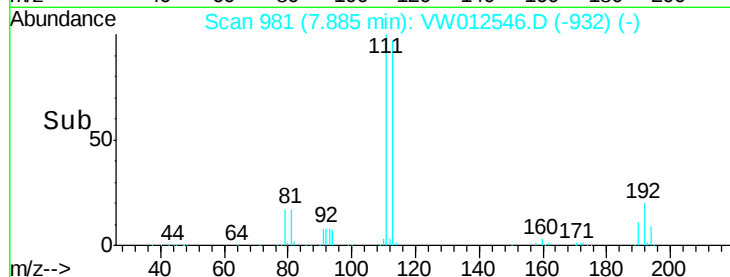
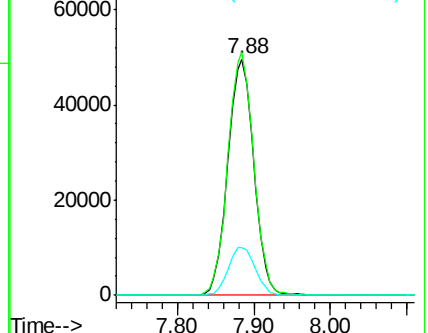
192 20.9 16.2 24.2



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: 49.942 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012546.D

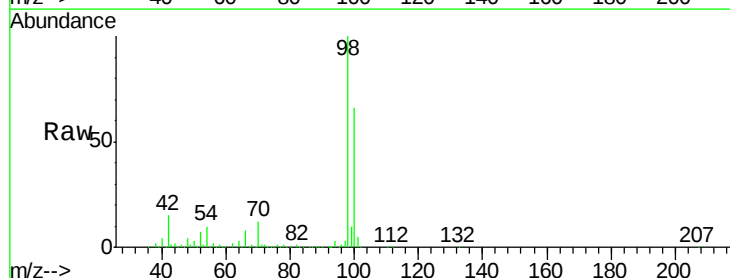
Acq: 03 Sep 2019 15:04

Tgt Ion: 98 Resp: 466017

Ion Ratio Lower Upper

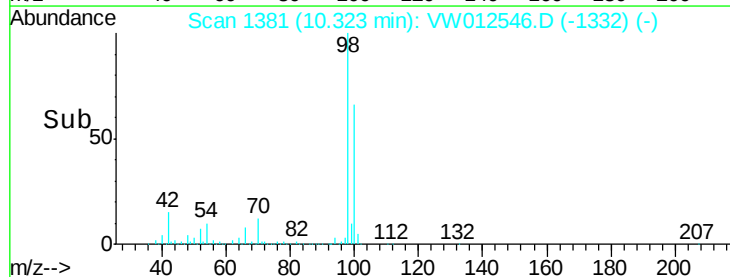
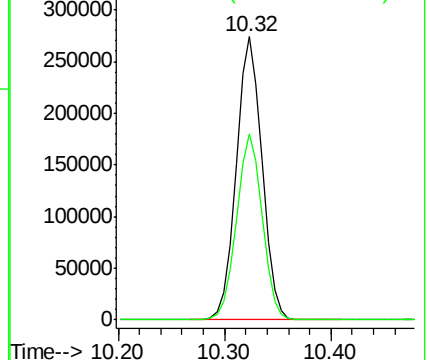
98 100

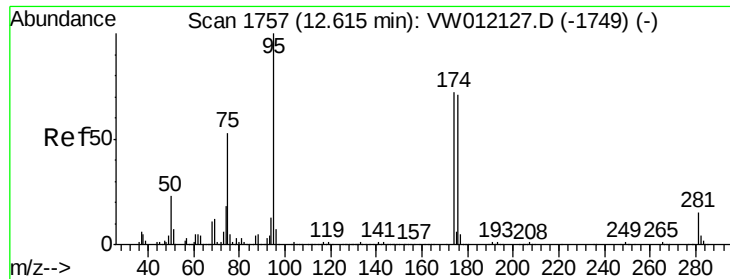
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

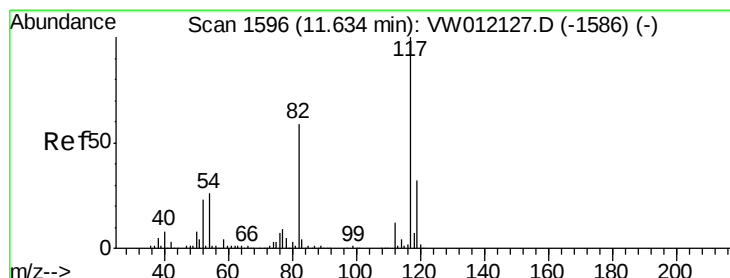
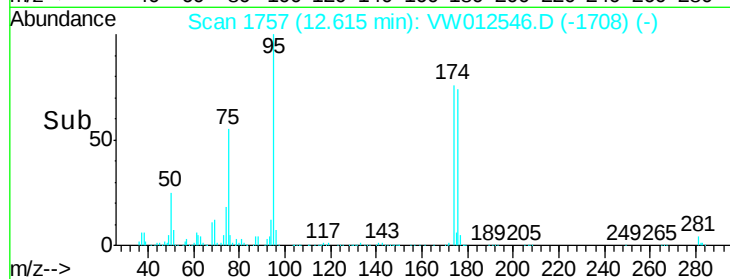
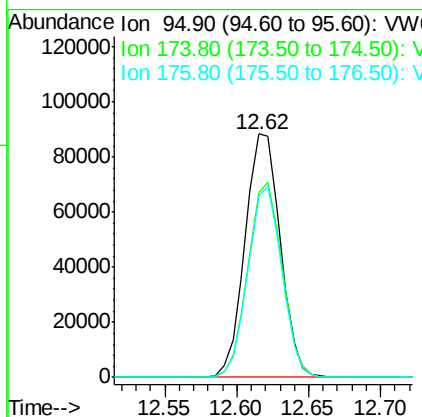
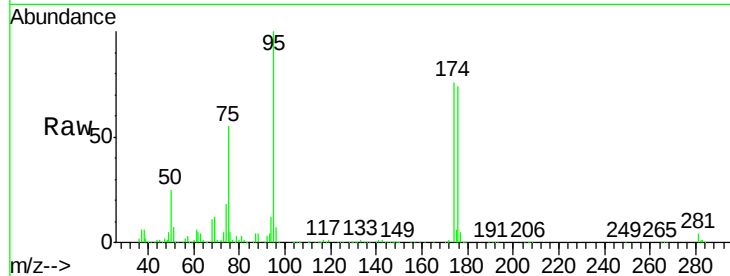




#62
4-Bromofluorobenzene
Concen: 45.335 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012546.D
Acq: 03 Sep 2019 15:04

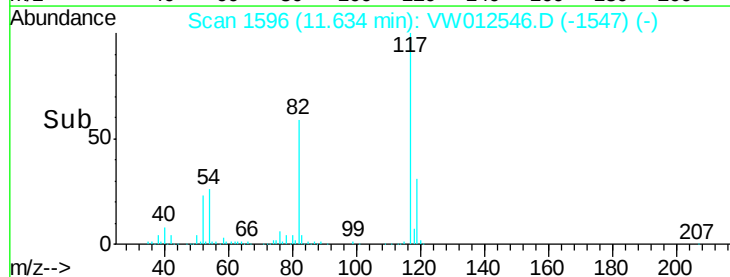
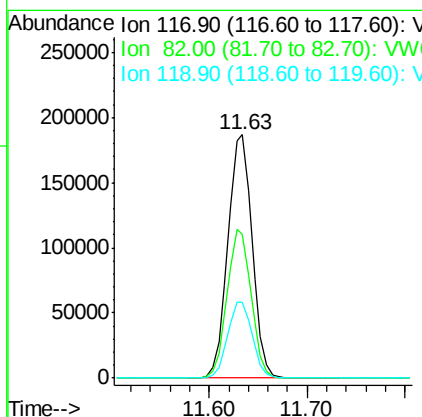
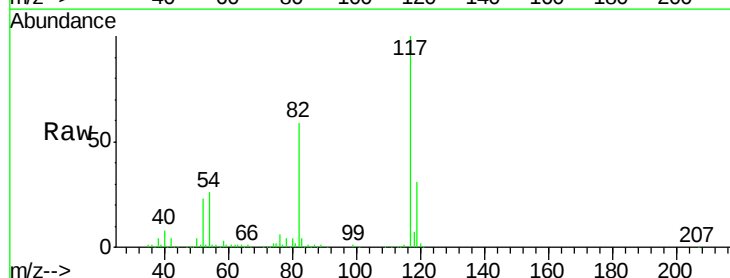
Instrument :
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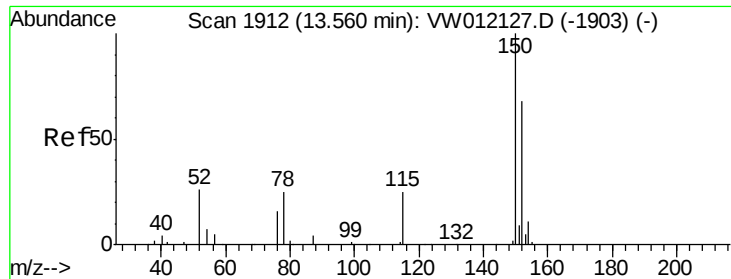
Tot Ion	95	Resp	149117
Ion Ratio	100		
Lower		0.0	150.8
Upper		0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012546.D
Acq: 03 Sep 2019 15:04

Tgt Ion	117	Resp	320979
Ion Ratio	100		
Lower		47.4	71.2
Upper		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: VW012546.D

Acq: 03 Sep 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

S402-K1-1.0-1.5-082619

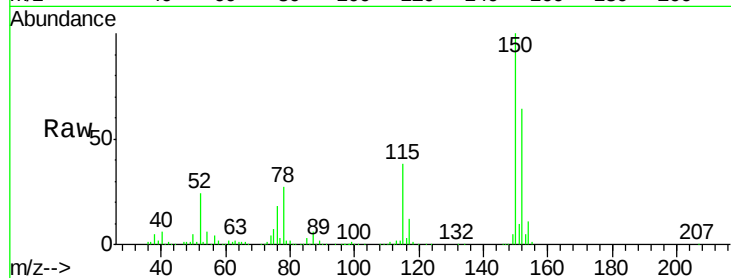
Tot Ion:152 Resp: 131226

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

150 156.6 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

