

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012258.D
 Acq On : 28 Aug 2019 16:58
 Operator : SY/VA
 Sample : K4499-01
 Misc : 5.89G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 24408-26706

Quant Time: Aug 28 18:46:11 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

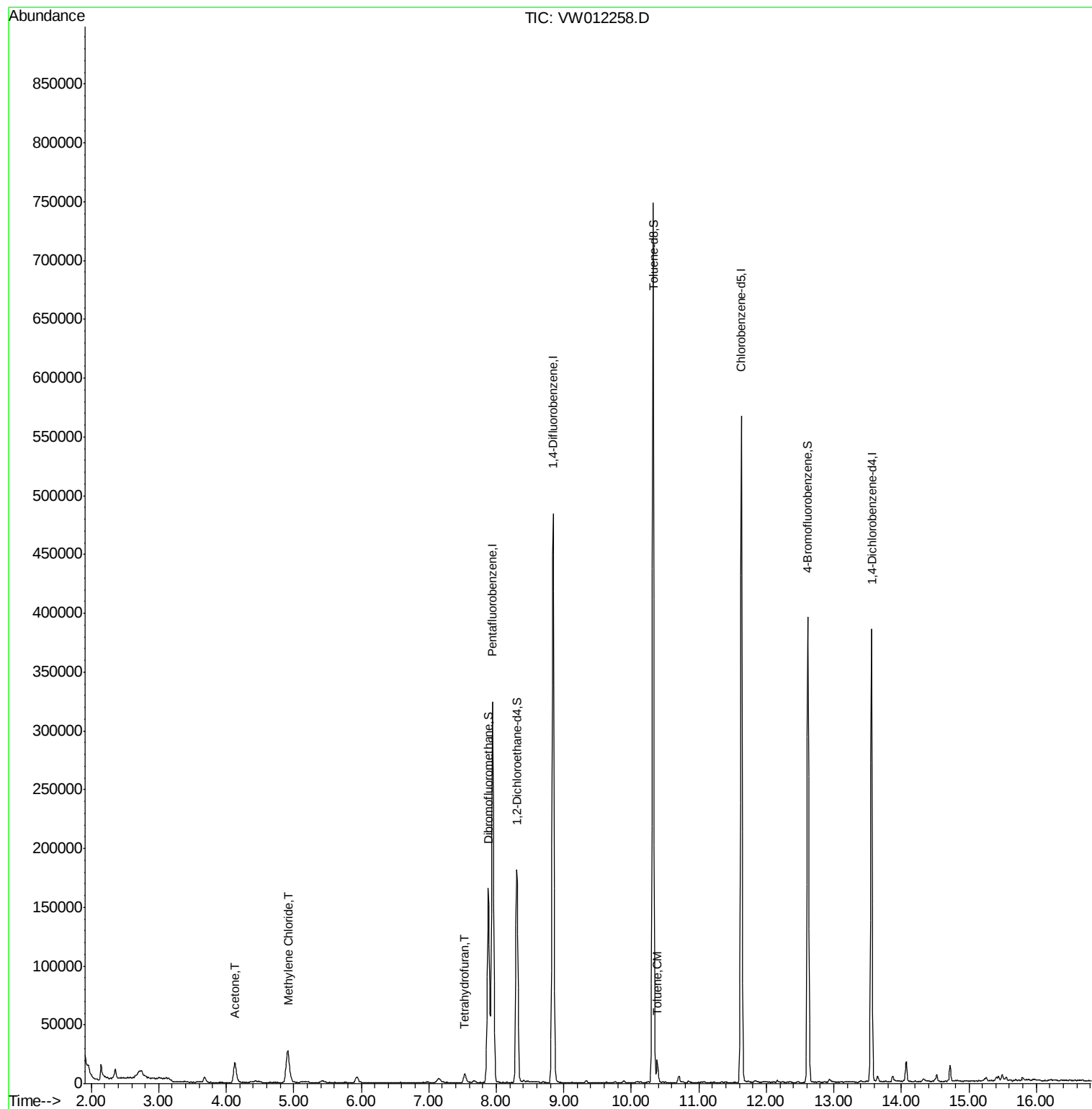
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146393	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	7.88	113	117737	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.32	98	469439	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.62	95	128195	39.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.34%	
Target Compounds						
16) Acetone	4.13	43	33964	47.738	ug/l	97
20) Methylene Chloride	4.92	84	20389	7.581	ug/l	98
29) Tetrahydrofuran	7.53	42	6671	11.501	ug/l	93
52) Toluene	10.39	92	7422	1.141	ug/l	97

(#) = 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: VW012258.D

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Instrument :

MSVOA_W

ClientSampleId :

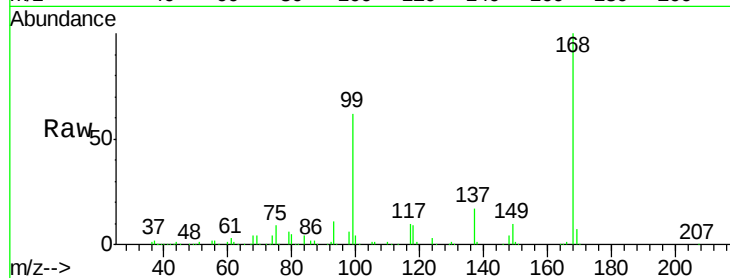
24408-26706

Tot Ion:168 Resp: 234137

Ion Ratio Lower Upper

168 100

99 61.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

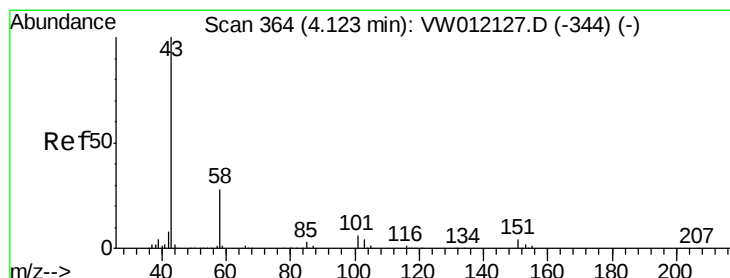
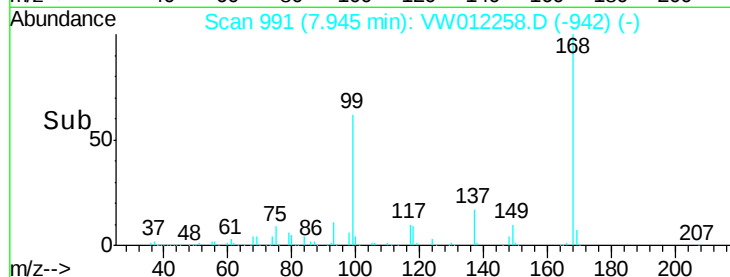
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 47.738 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012258.D

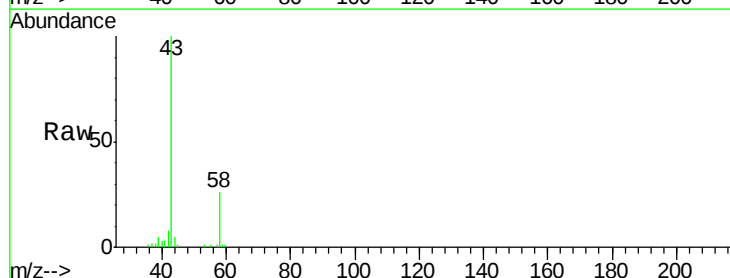
Acq: 28 Aug 2019 16:58

Tgt Ion: 43 Resp: 33964

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

4.13

12000

10000

8000

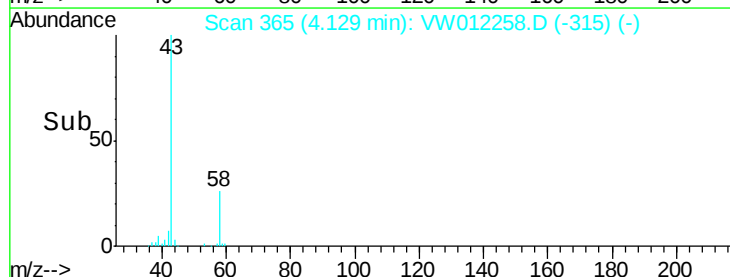
6000

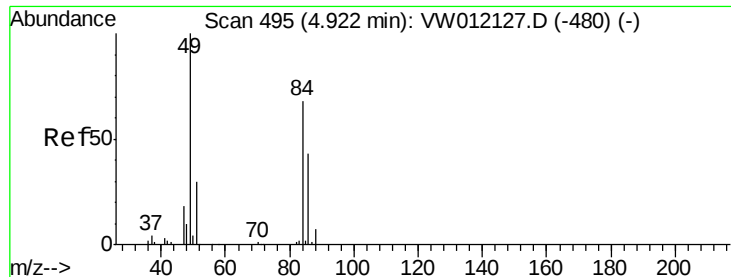
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

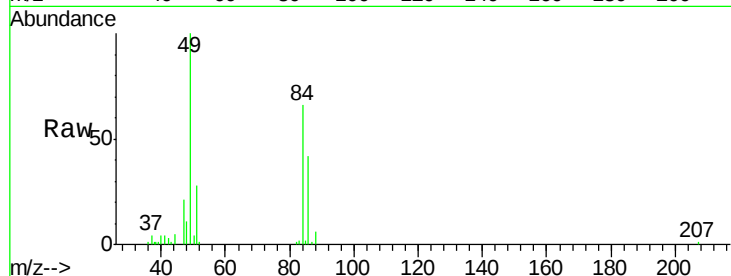




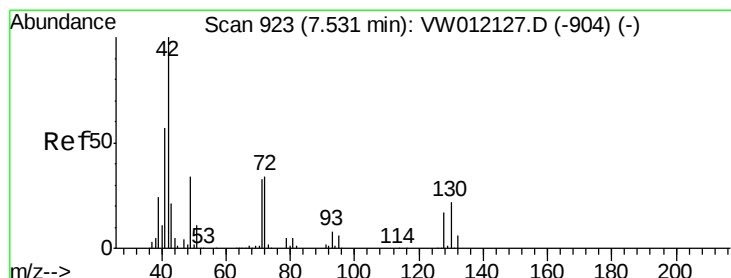
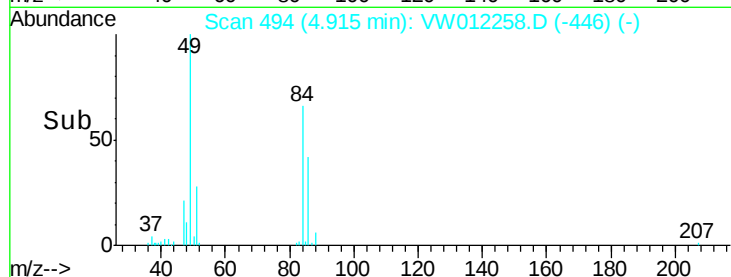
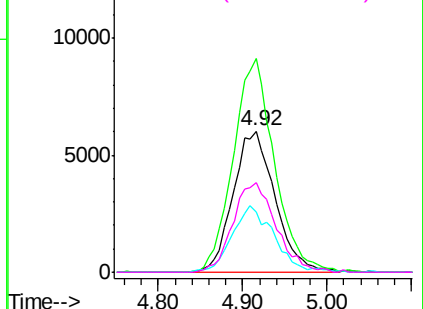
#20
Methylene Chloride
Concen: 7.581 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012258.D
Acq: 28 Aug 2019 16:58

Instrument :
MSVOA_W
ClientSampleId :
24408-26706

Tot Ion:	84	Resp:	20389
Ion	Ratio	Lower	Upper
84	100		
49	151.3	117.8	176.8
51	43.1	35.6	53.4
86	63.6	51.2	76.8

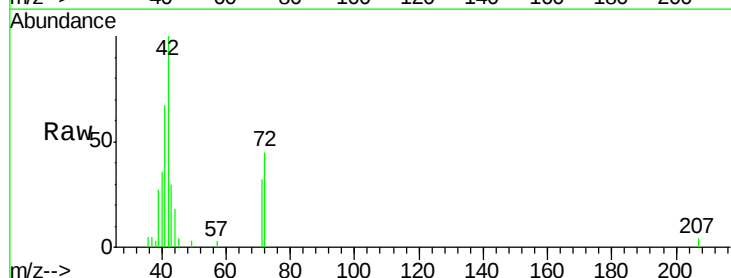


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

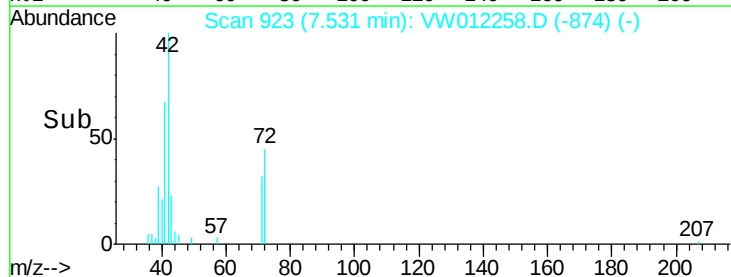
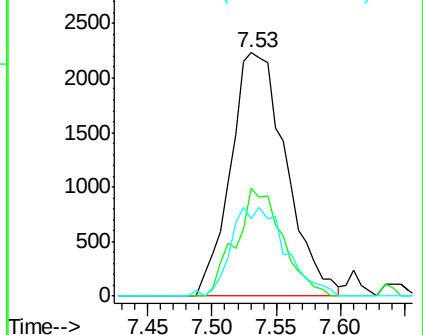


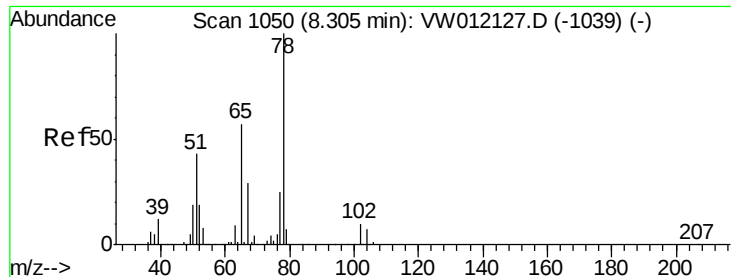
#29
Tetrahydrofuran
Concen: 11.501 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012258.D
Acq: 28 Aug 2019 16:58

Tgt Ion:	42	Resp:	6671
Ion	Ratio	Lower	Upper
42	100		
72	37.4	27.3	40.9
71	36.0	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: 52.597 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012258.D

Acq: 28 Aug 2019 16:58

Instrument :

MSVOA_W

ClientSampleId :

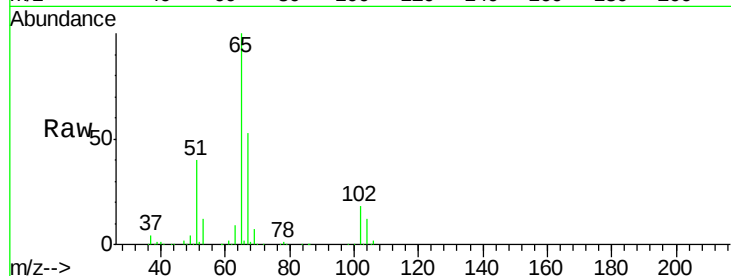
24408-26706

Tot Ion: 65 Resp: 146393

Ion Ratio Lower Upper

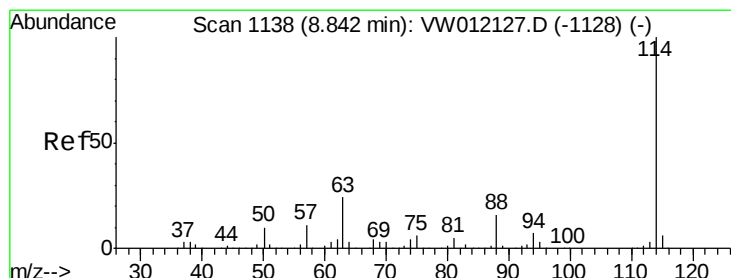
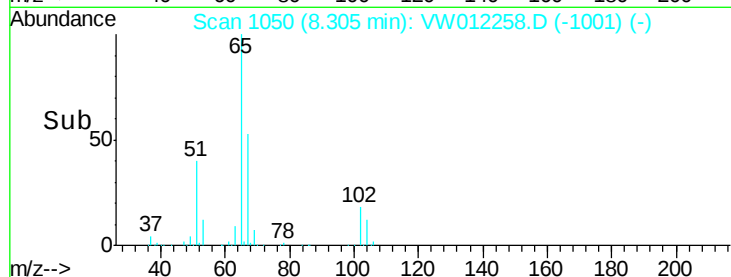
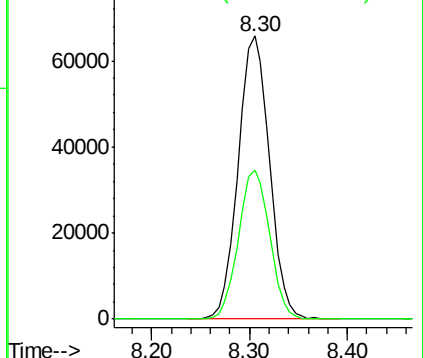
65 100

67 52.5 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: VW012258.D

Acq: 28 Aug 2019 16:58

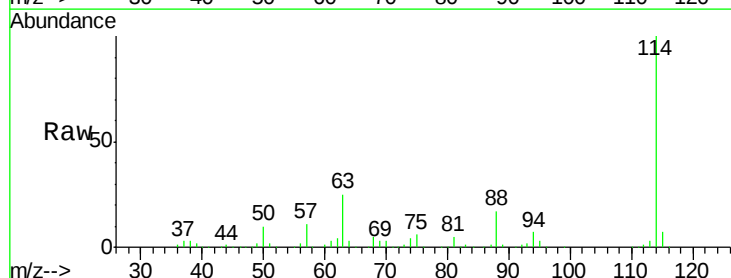
Tgt Ion: 114 Resp: 383637

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

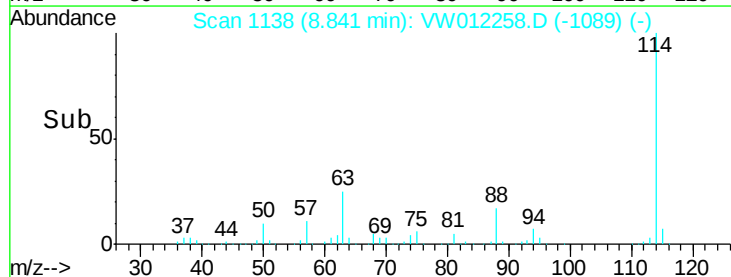
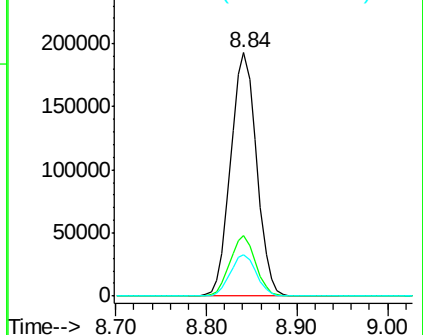
88 16.8 0.0 32.2



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

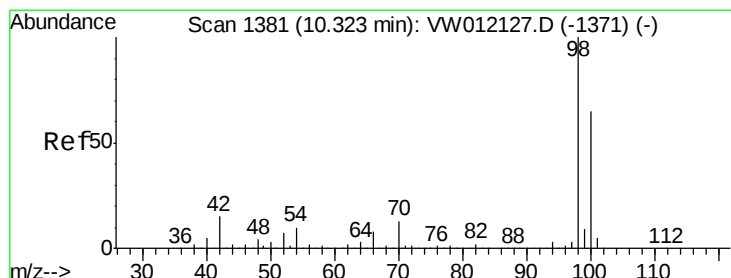
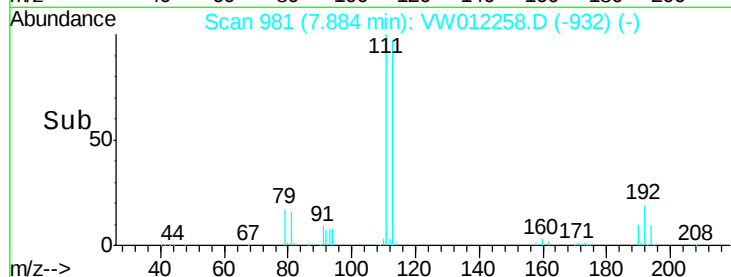
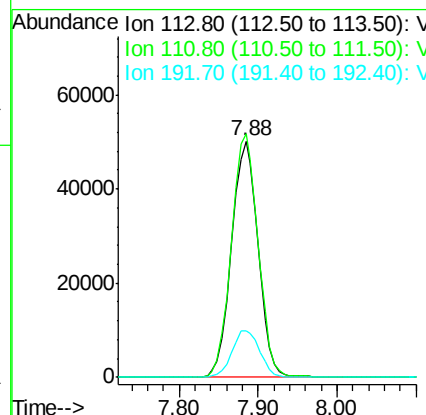
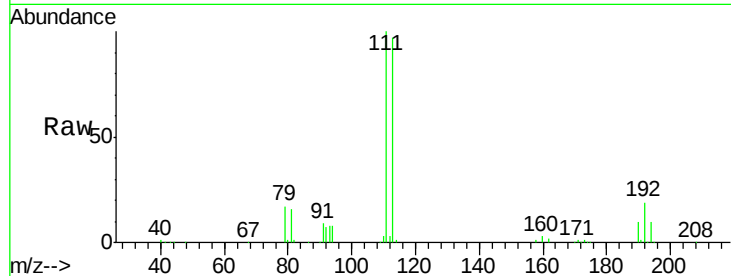




#35
 Dibromofluoromethane
 Concen: 51.415 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012258.D
 Acq: 28 Aug 2019 16:58

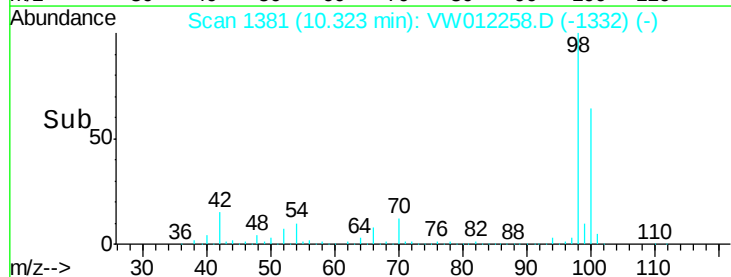
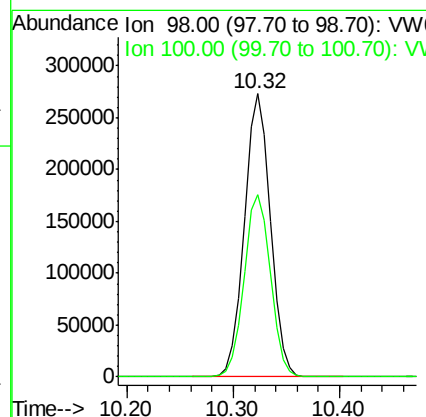
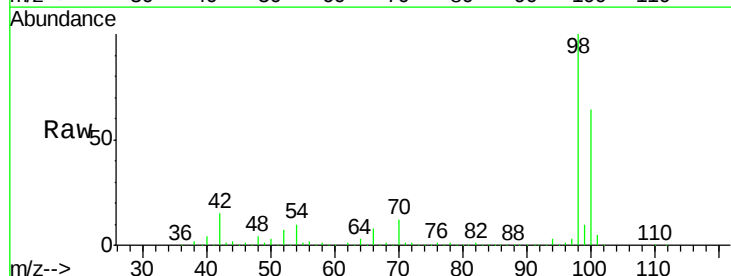
Instrument :
 MSVOA_W
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 24408-26706

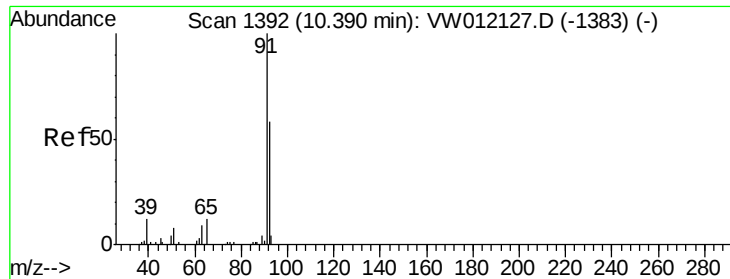
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.559 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012258.D
 Acq: 28 Aug 2019 16:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#52

Toluene

Concen: 1.141 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012258.D

Acq: 28 Aug 2019 16:58

Instrument :

MSVOA_W

ClientSampleId :

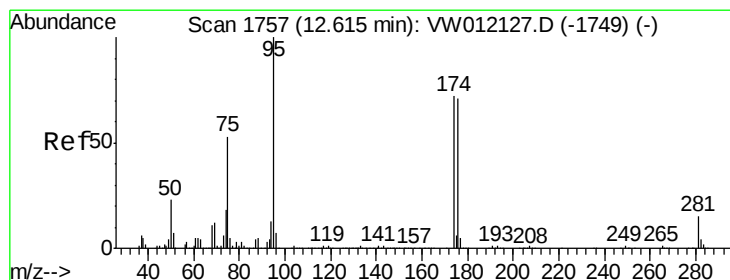
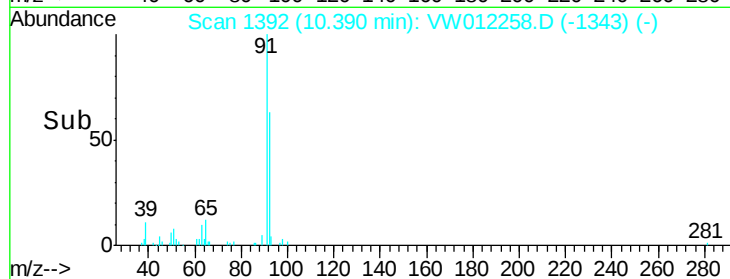
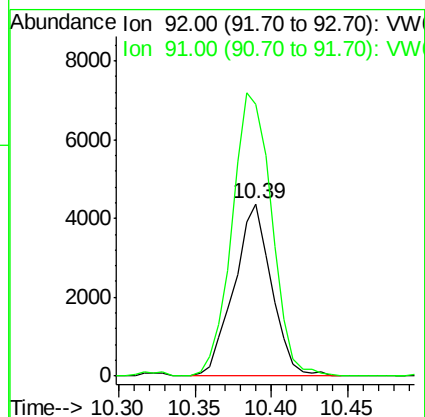
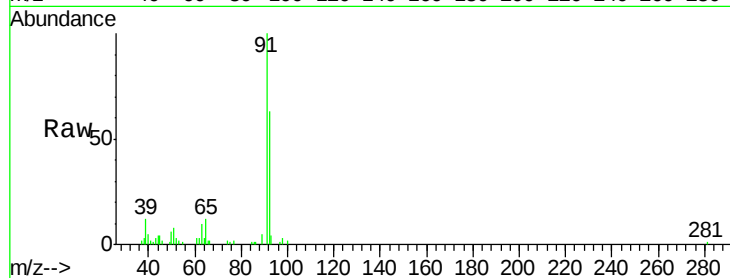
24408-26706

Tot Ion: 92 Resp: 7422

Ion Ratio Lower Upper

92 100

91 174.3 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 39.168 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012258.D

Acq: 28 Aug 2019 16:58

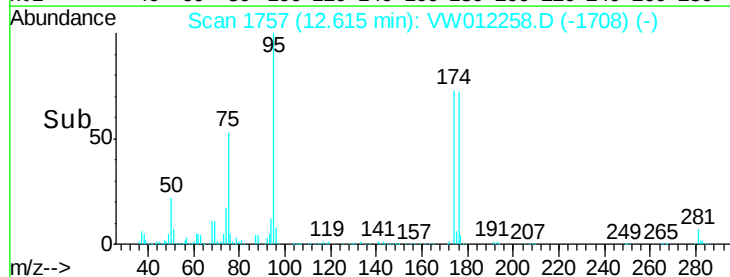
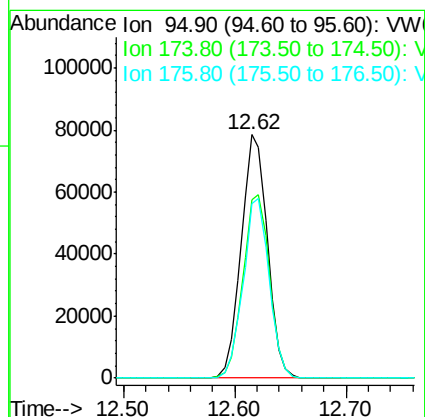
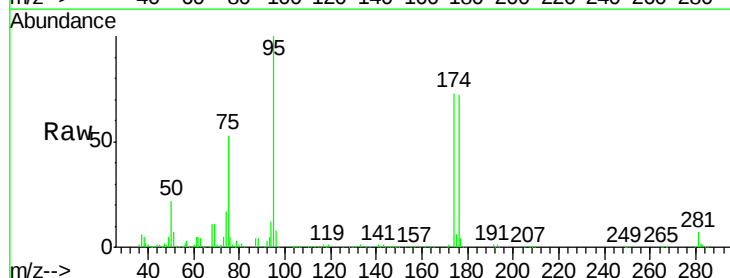
Tgt Ion: 95 Resp: 128195

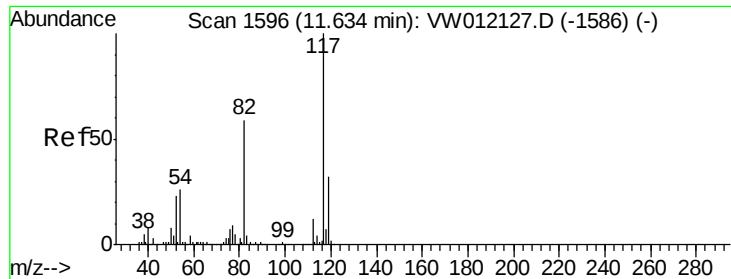
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.8

176 73.2 0.0 148.6

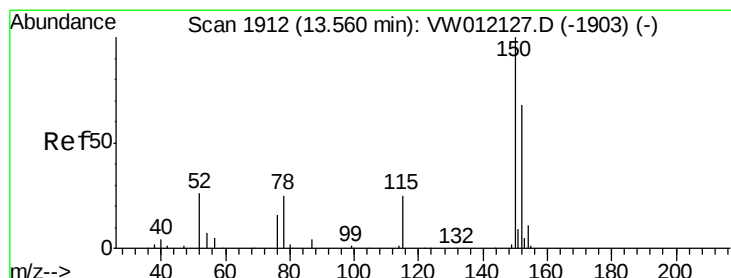
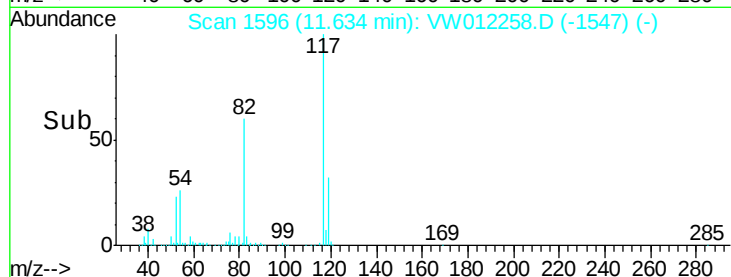
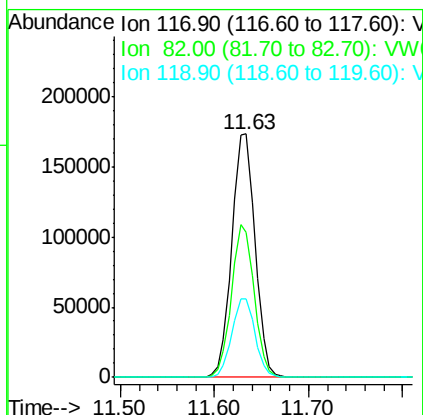
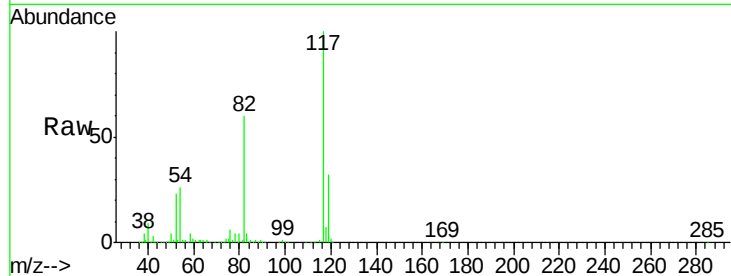




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012258.D
Acq: 28 Aug 2019 16:58

Instrument :
MSVOA_W
ClientSampleId :
24408-26706

Tot Ion:117 Resp: 298035
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.4 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: VW012258.D
Acq: 28 Aug 2019 16:58

Tgt Ion:152 Resp: 98833
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.3
150 156.5 0.0 345.8

