

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010383.D
 Acq On : 11 May 2019 16:09
 Operator : SY/VA
 Sample : K2719-11
 Misc : 6.99G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS009-1218-01

Quant Time: May 12 00:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

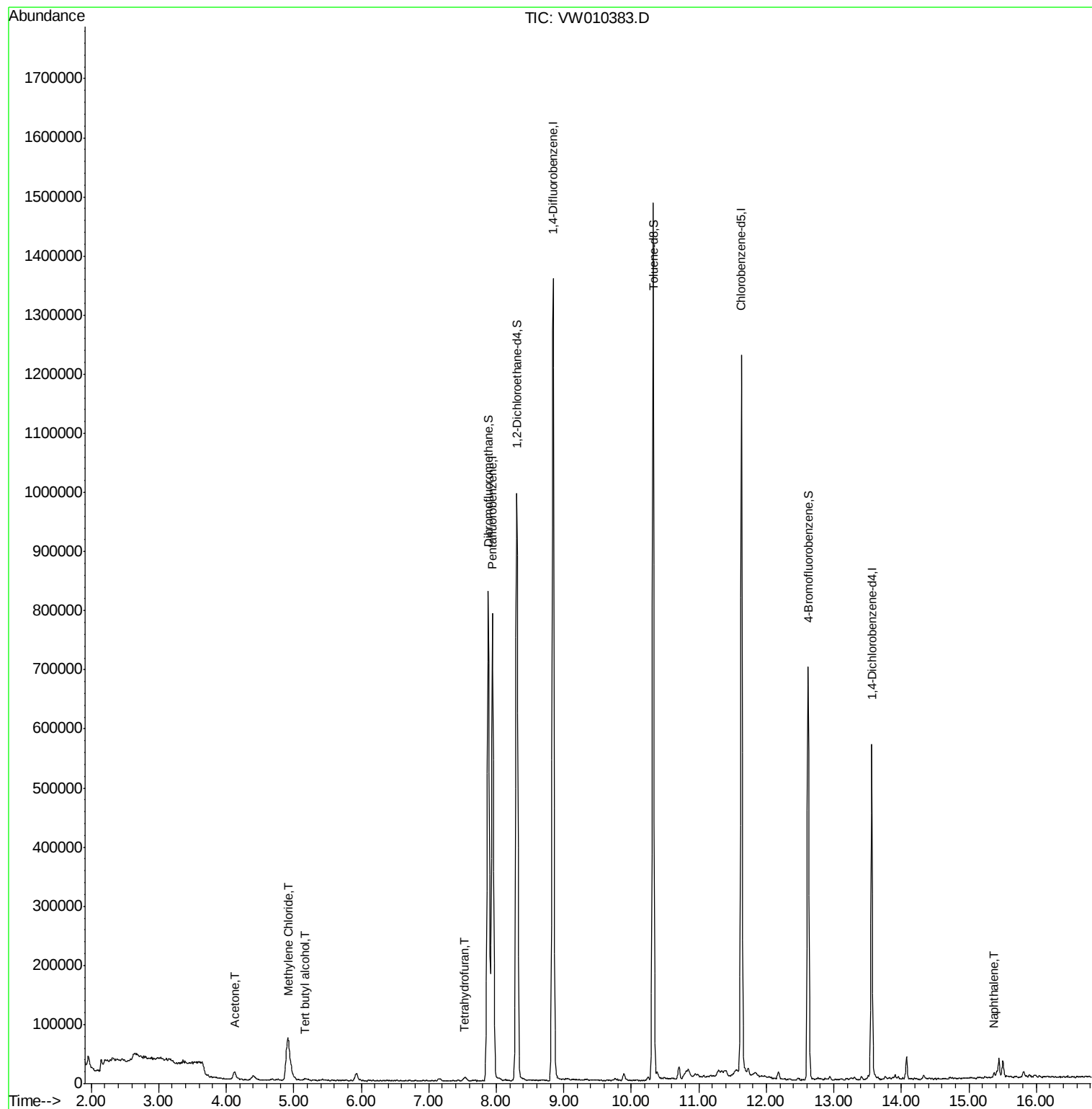
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	562140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1107923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	663261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	777439	130.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	260.18%	
35) Dibromofluoromethane	7.88	113	598364	92.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	184.58%	
50) Toluene-d8	10.32	98	953811	36.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.26%	
62) 4-Bromofluorobenzene	12.62	95	222037	23.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.78%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	4831	11.446	ug/l #	83
16) Acetone	4.12	43	25107	16.115	ug/l	99
20) Methylene Chloride	4.93	84	72335	11.131	ug/l	85
29) Tetrahydrofuran	7.53	42	5012	3.251	ug/l #	89
95) Naphthalene	15.38	128	5793	4.437	ug/l #	86

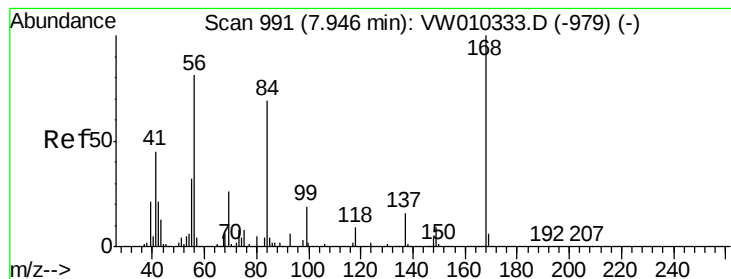
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010383.D

Acq: 11 May 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

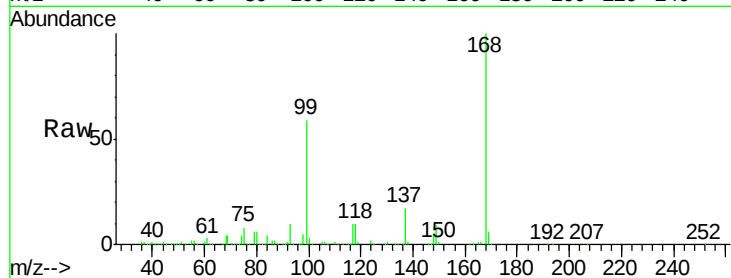
P026-SS009-1218-01

Tot Ion:168 Resp: 562140

Ion Ratio Lower Upper

168 100

99 59.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

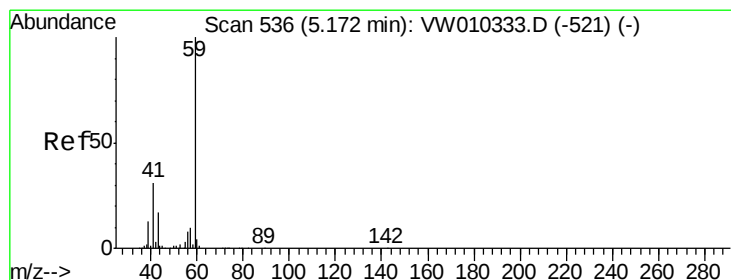
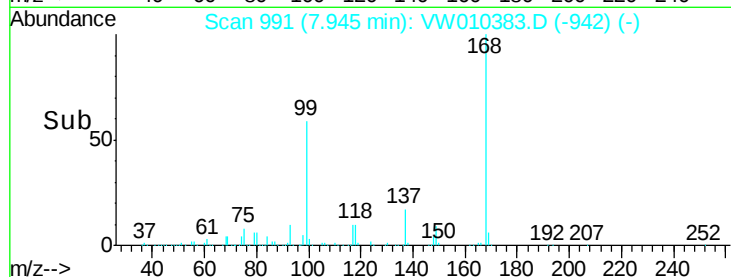
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 11.446 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW010383.D

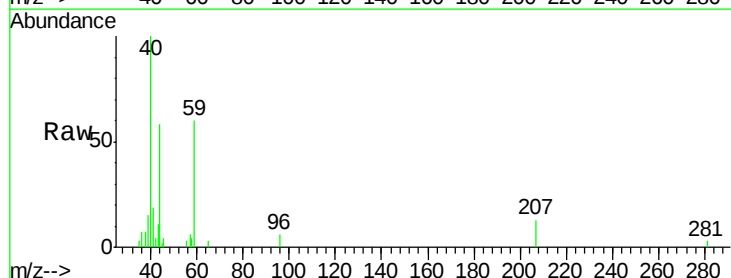
Acq: 11 May 2019 16:09

Tgt Ion: 59 Resp: 4831

Ion Ratio Lower Upper

59 100

57 4.7 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

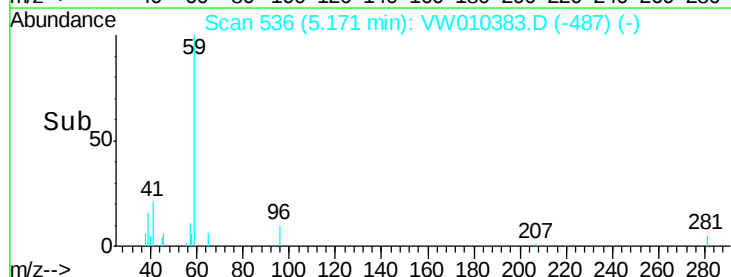
1500

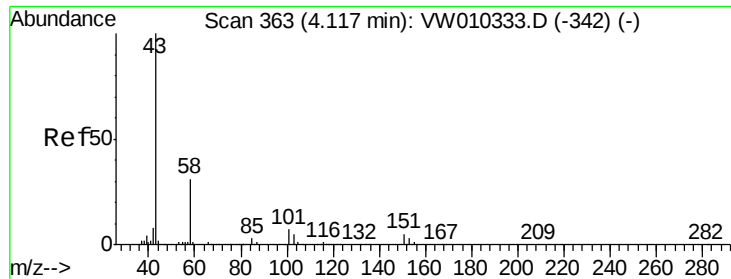
1000

500

0

Time--> 5.05 5.10 5.15 5.20 5.25

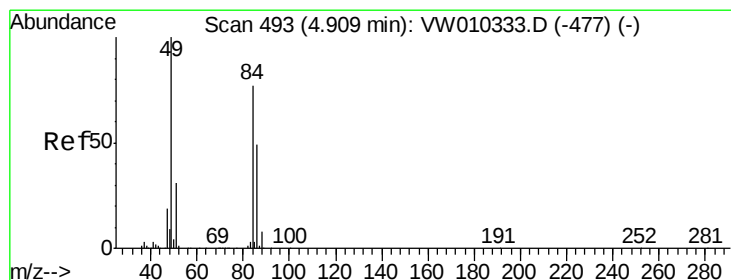
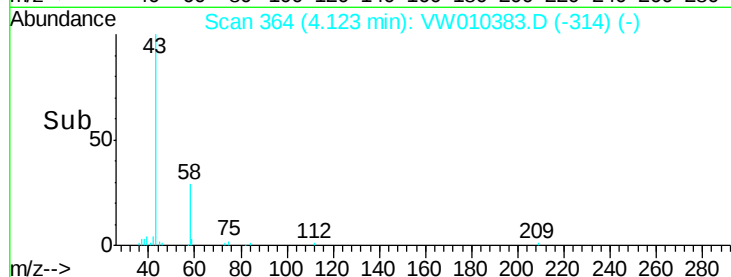
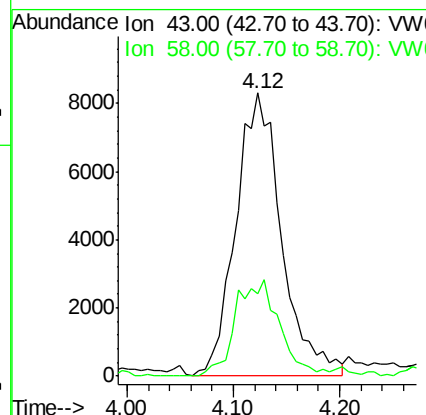
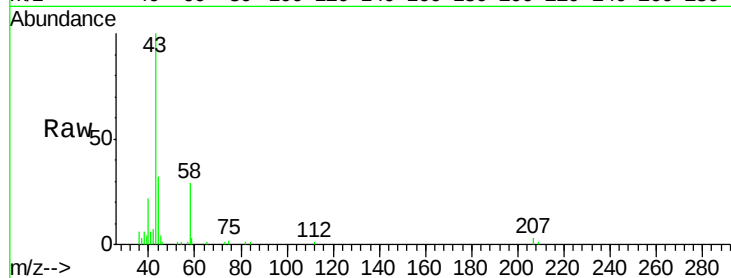




#16
Acetone
Concen: 16.115 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010383.D
Acq: 11 May 2019 16:09

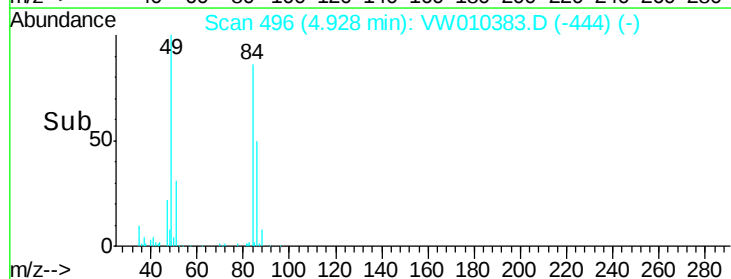
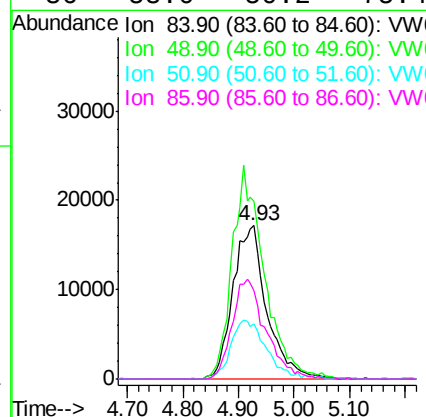
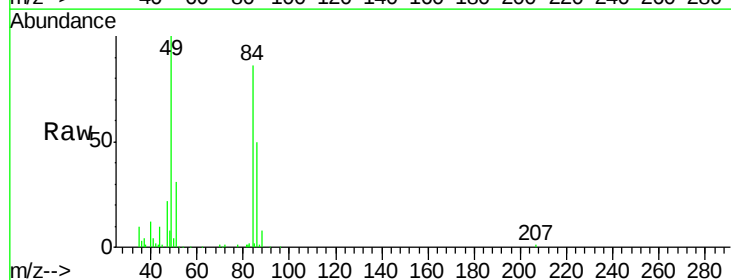
Instrument :
MSVOA_W
ClientSampleId :
P026-SS009-1218-01

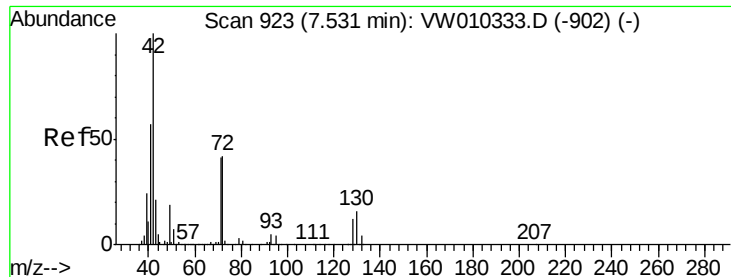
Tot Ion: 43 Resp: 25107
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1



#20
Methylene Chloride
Concen: 11.131 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW010383.D
Acq: 11 May 2019 16:09

Tgt Ion: 84 Resp: 72335
Ion Ratio Lower Upper
84 100
49 116.1 112.3 168.5
51 36.1 33.9 50.9
86 58.0 50.2 75.4

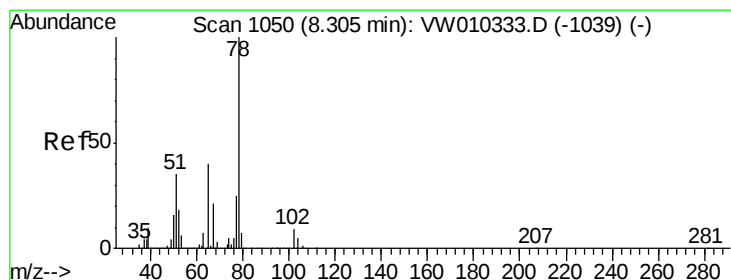
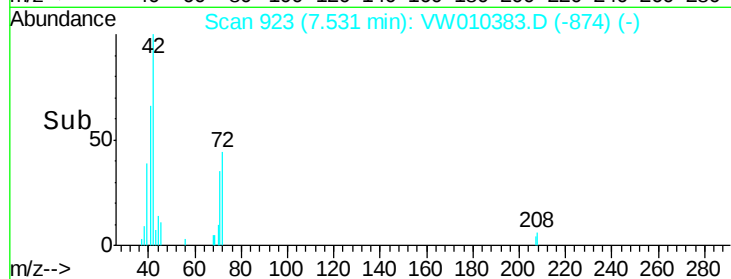
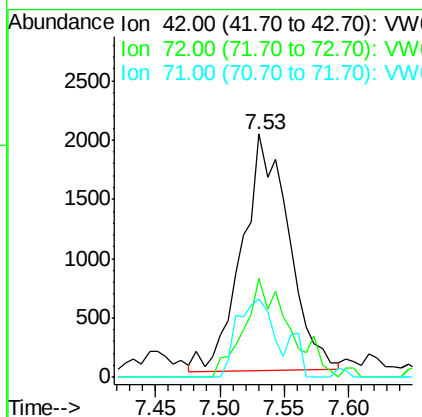
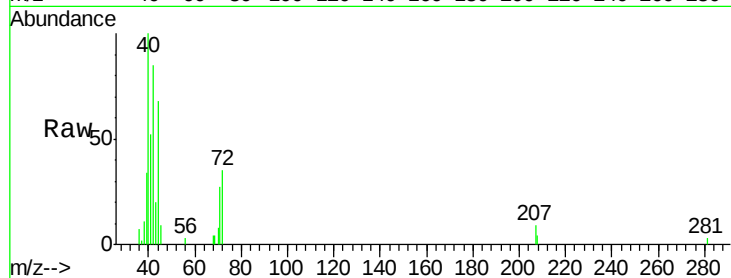




#29
Tetrahydrofuran
Concen: 3.251 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010383.D
Acq: 11 May 2019 16:09

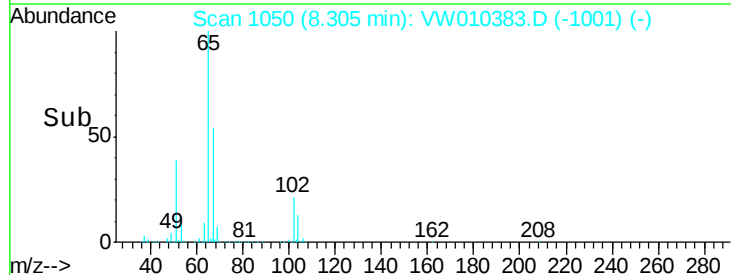
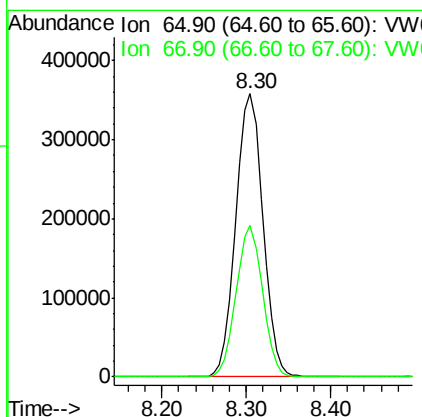
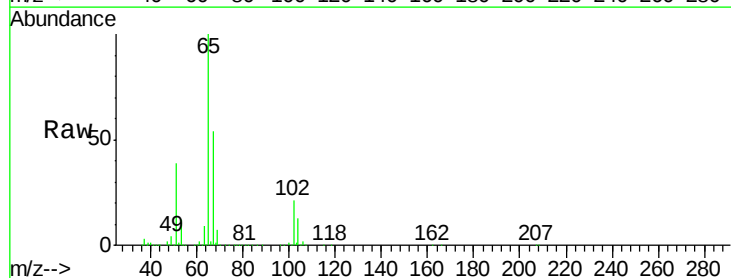
Instrument :
MSVOA_W
ClientSampleId :
P026-SS009-1218-01

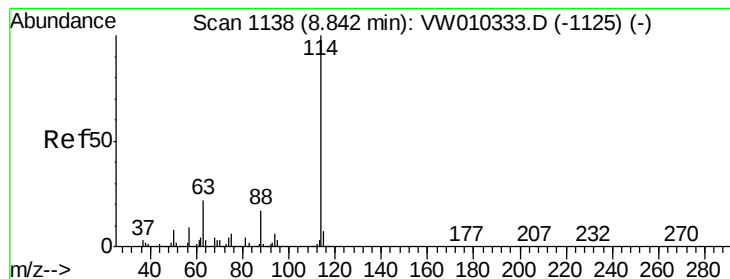
Tot Ion: 42 Resp: 5012
Ion Ratio Lower Upper
42 100
72 40.5 31.0 46.6
71 25.5 29.7 44.5#



#33
1,2-Dichloroethane-d4
Concen: 130.087 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010383.D
Acq: 11 May 2019 16:09

Tgt Ion: 65 Resp: 777439
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010383.D

Acq: 11 May 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-1218-01

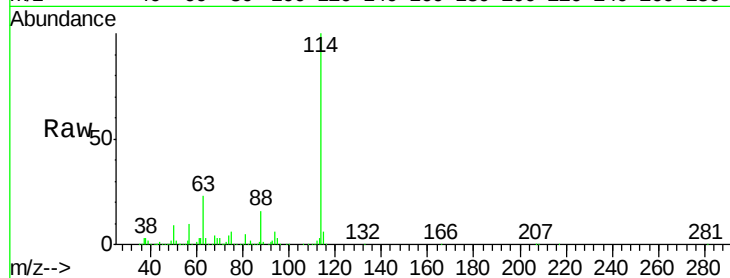
Tot Ion:114 Resp: 1107923

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

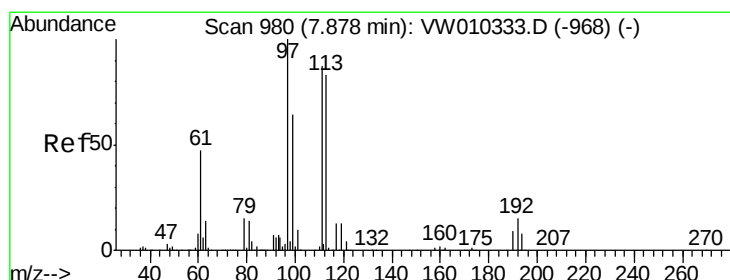
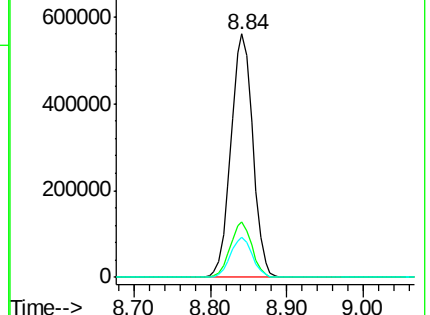
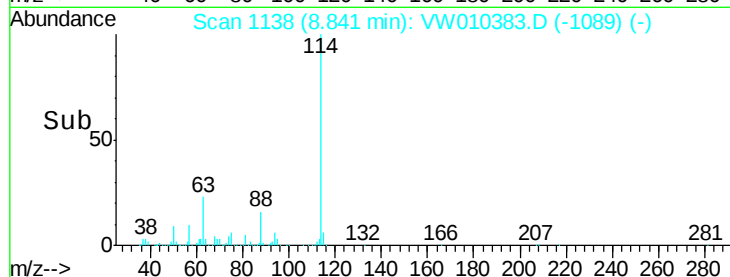
88 16.4 0.0 32.6



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: 92.291 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010383.D

Acq: 11 May 2019 16:09

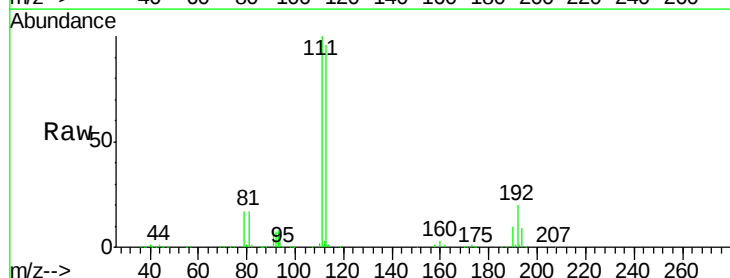
Tgt Ion:113 Resp: 598364

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

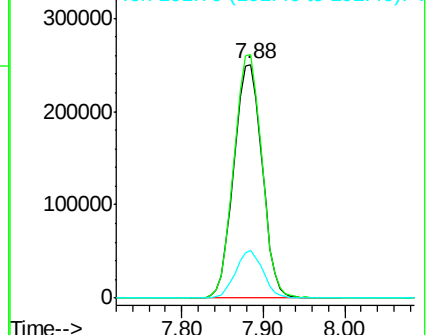
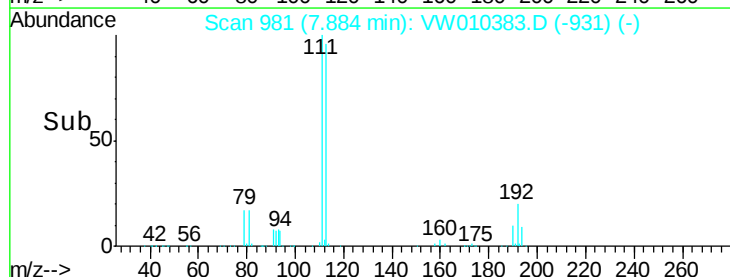
192 19.6 15.4 23.2

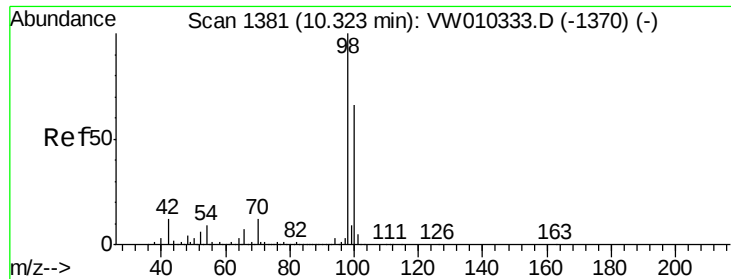


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.128 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010383.D

Acq: 11 May 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

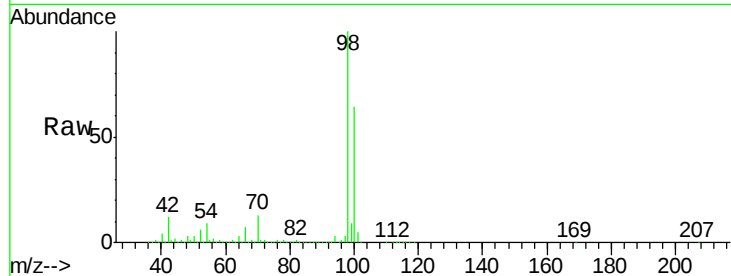
P026-SS009-1218-01

Tot Ion: 98 Resp: 953811

Ion Ratio Lower Upper

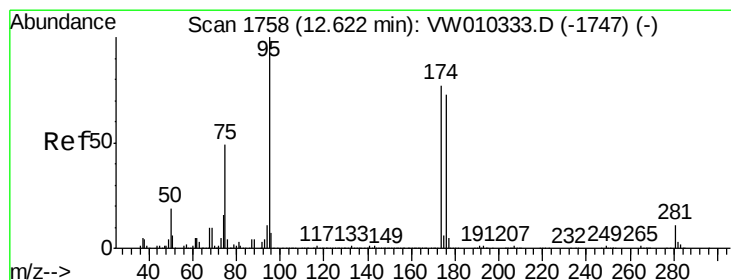
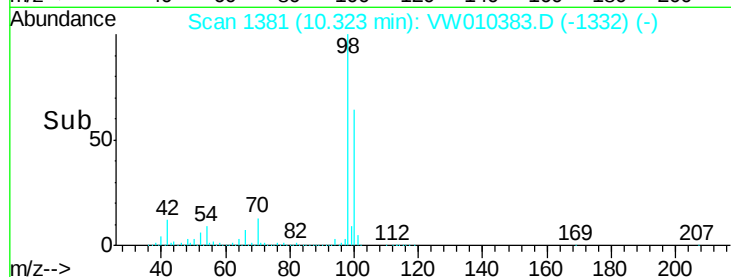
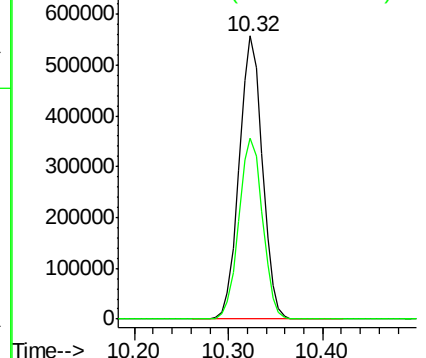
98 100

100 65.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 23.892 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010383.D

Acq: 11 May 2019 16:09

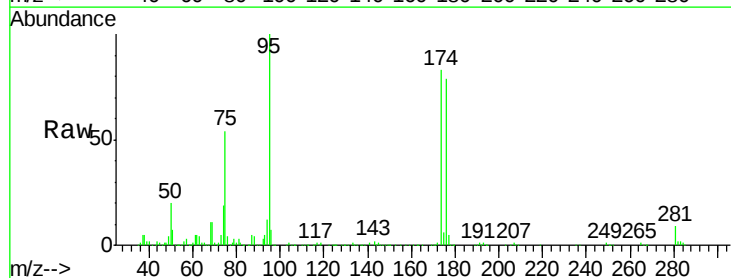
Tgt Ion: 95 Resp: 222037

Ion Ratio Lower Upper

95 100

174 78.0 0.0 151.4

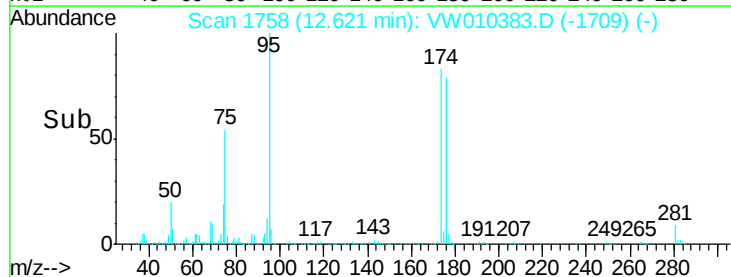
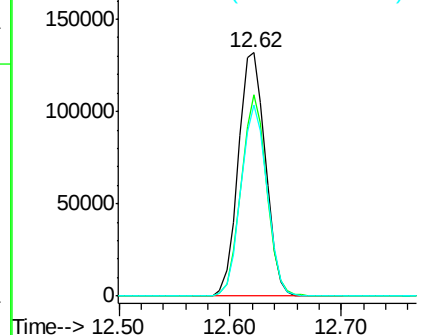
176 75.9 0.0 146.2

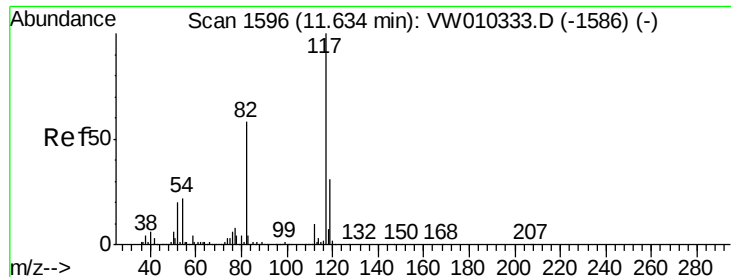


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

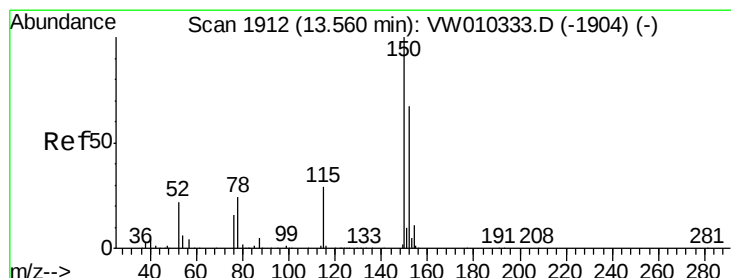
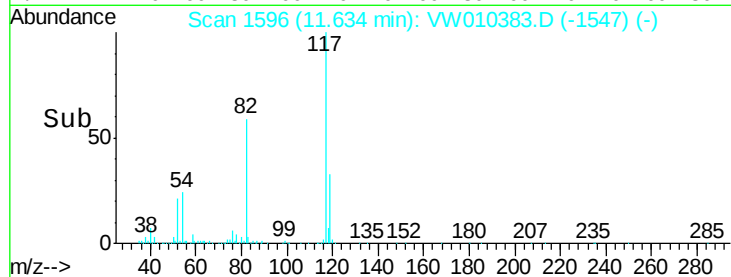
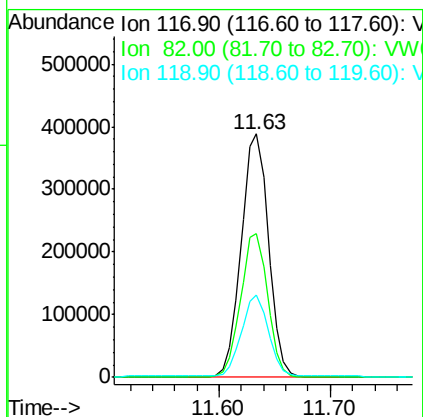
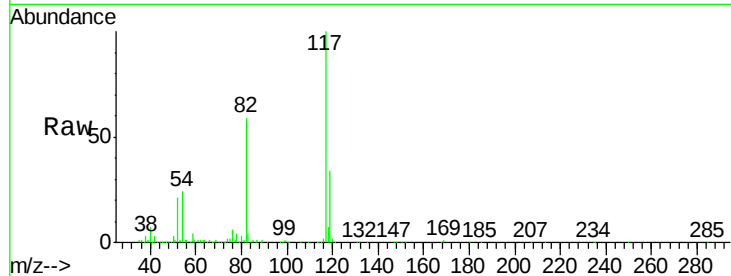




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010383.D
Acq: 11 May 2019 16:09

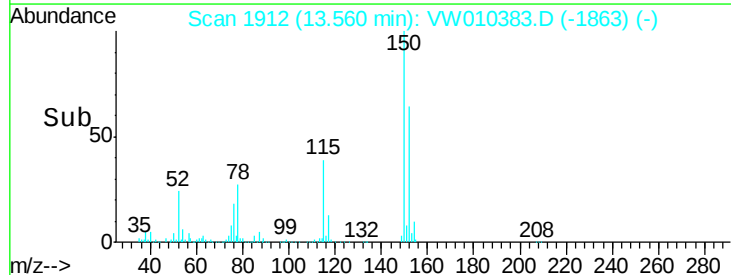
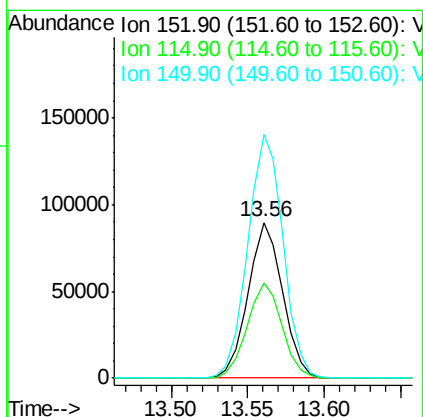
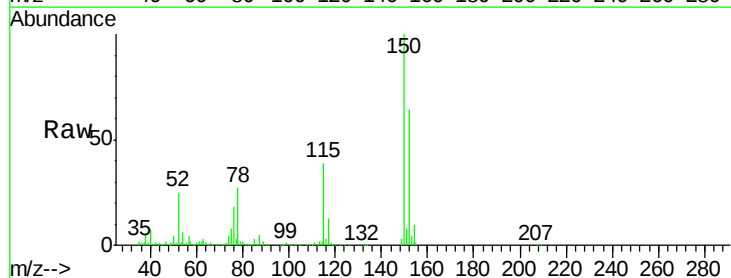
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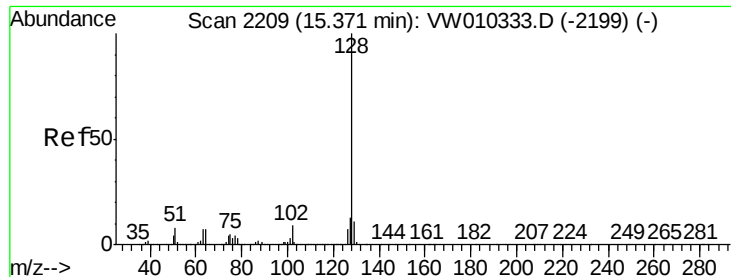
Tot Ion:117 Resp: 663261
Ion Ratio Lower Upper
117 100
82 59.2 45.2 67.8
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010383.D
Acq: 11 May 2019 16:09

Tgt Ion:152 Resp: 140686
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.2
150 160.1 0.0 347.0





#95

Naphthalene

Concen: 4.437 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW010383.D

Acq: 11 May 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-1218-01

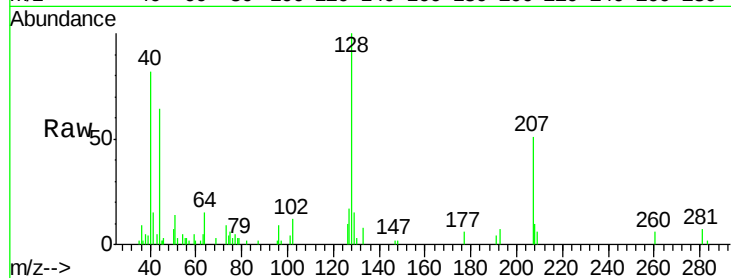
Tot Ion:128 Resp: 5793

Ion Ratio Lower Upper

128 100

127 18.7 10.6 15.8#

129 16.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

