

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW050919\
 Data File : VW010341.D
 Acq On : 09 May 2019 17:21
 Operator : SY/VA
 Sample : K2790-01
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-0509-DH-4

Manual Integrations
 APPROVED

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 5/10/2019 10:07:49 AM

Quant Time: May 21 04:26:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1267013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2133661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1798846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	729819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	831235	61.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.42%	
35) Dibromofluoromethane	7.88	113	698329	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
50) Toluene-d8	10.32	98	2708185	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	830713	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
11) Tert butyl alcohol	5.20	59	14238	14.967	ug/l #	71
16) Acetone	4.12	43	680993	193.930	ug/l	93
95) Naphthalene	15.38	128	9950	3.873	ug/l #	93

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

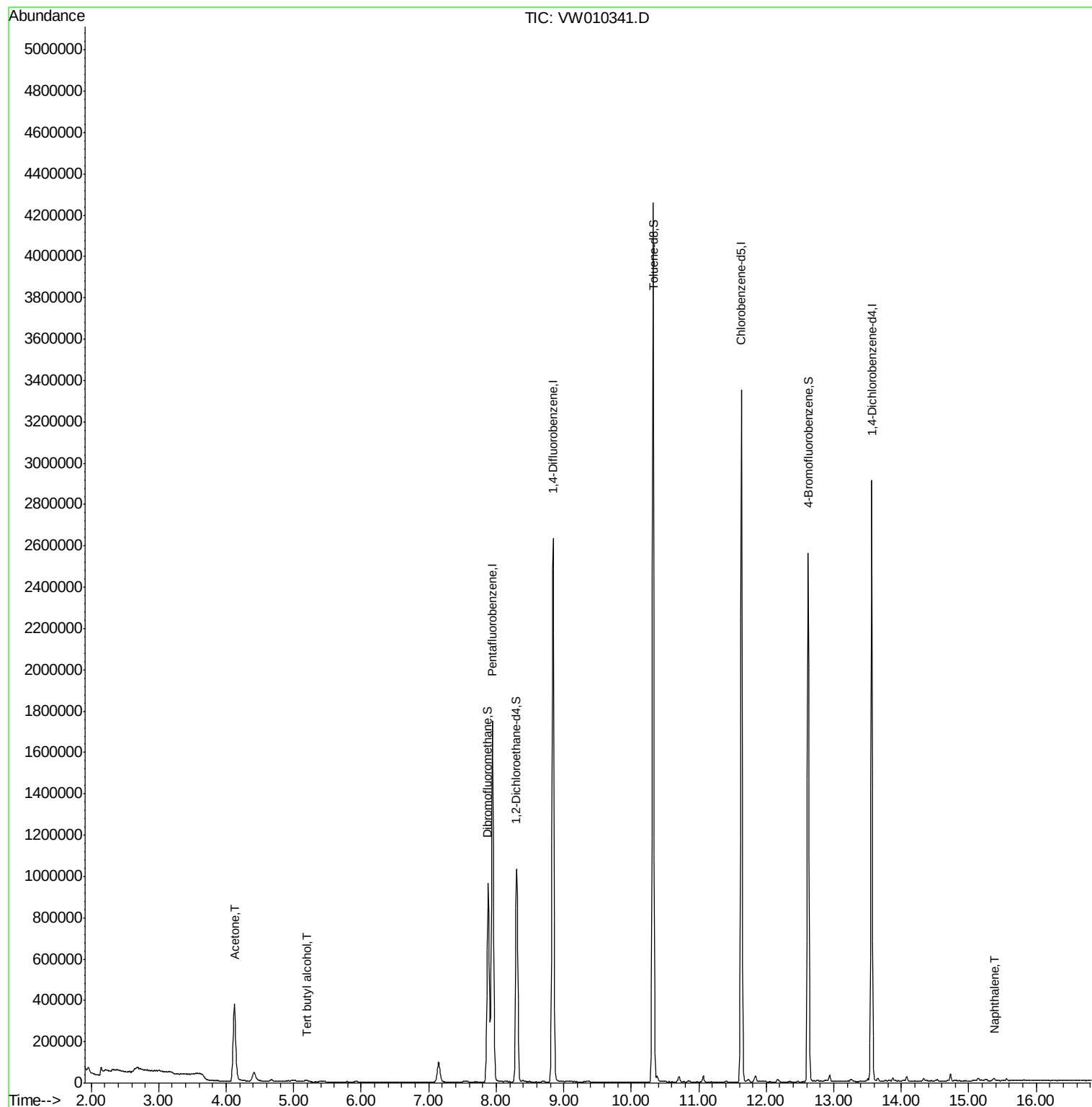
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW050919\
Data File : VW010341.D
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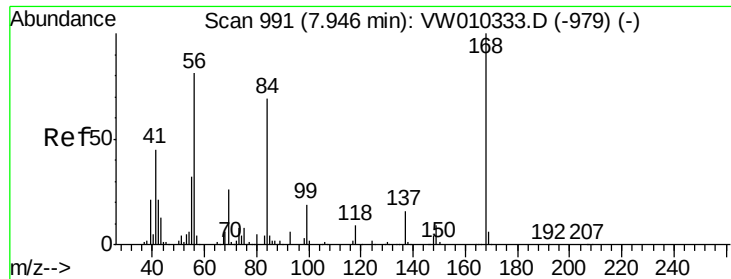
Instrument :
MSVOA_W
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SSSI-0509-DH-4

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Quant Title : SW846 8260
QLast Update : Thu May 09 13:55:10 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: VW010341.D

Acq: 09 May 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

SSSI-0509-DH-4

Tot Ion:168 Resp: 1267013

Ion Ratio Lower Upper

168 100

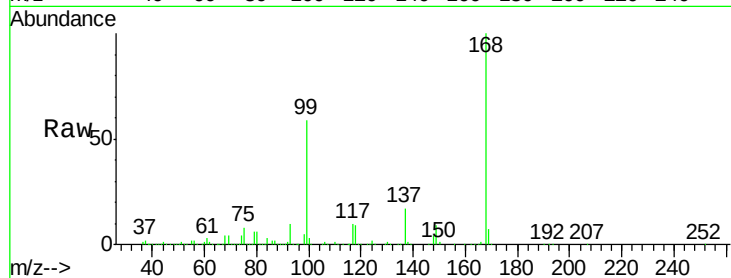
99 58.9 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

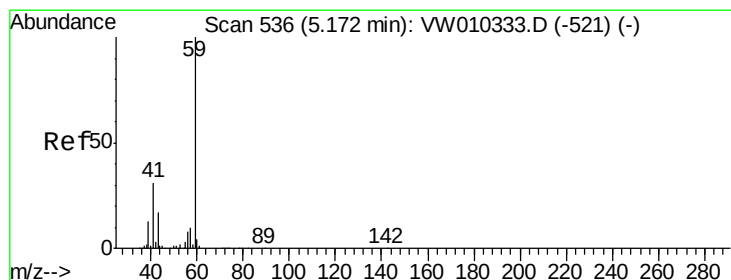
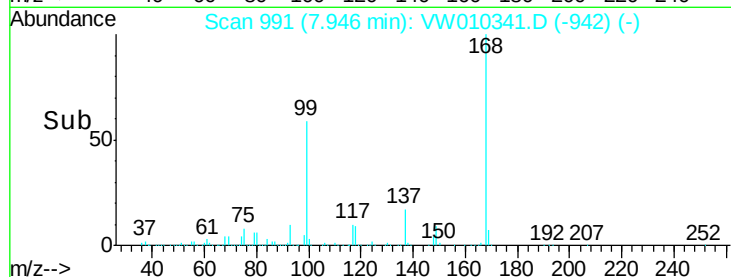
600000

400000

200000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 14.967 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW010341.D

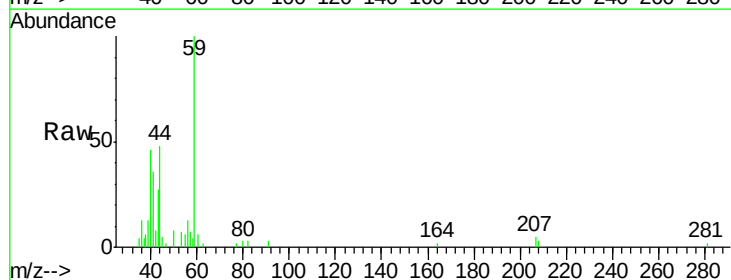
Acq: 09 May 2019 17:21

Tgt Ion: 59 Resp: 14238

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

4000

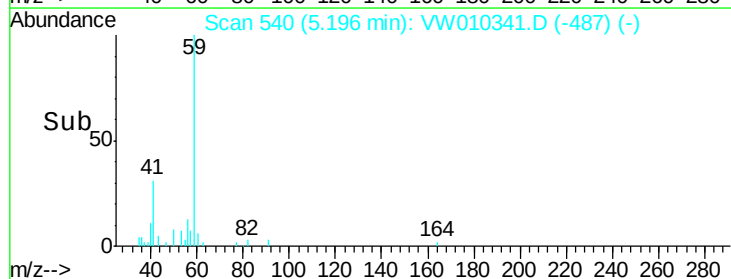
3000

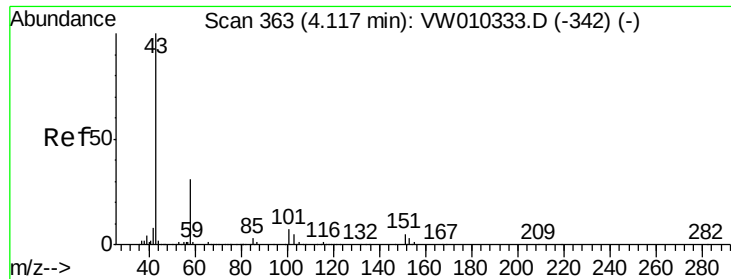
2000

1000

0

Time--> 5.00 5.10 5.20 5.30





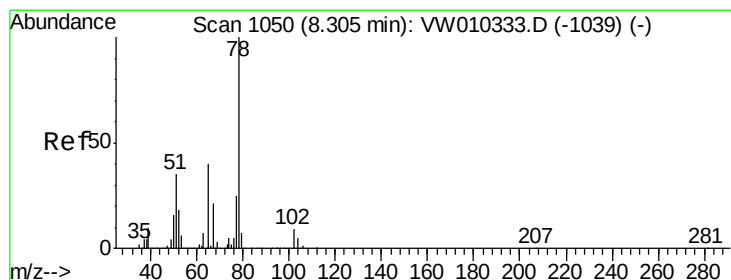
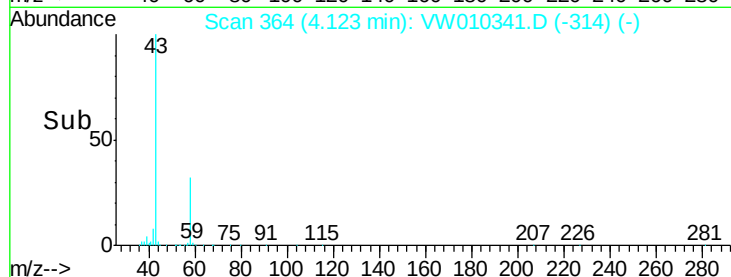
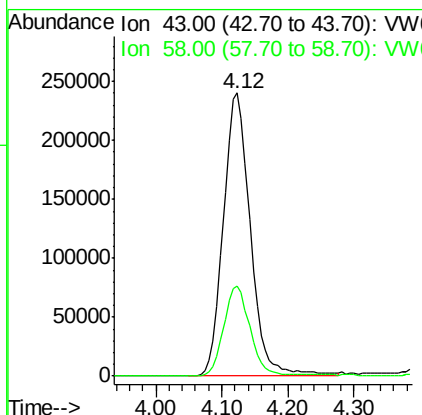
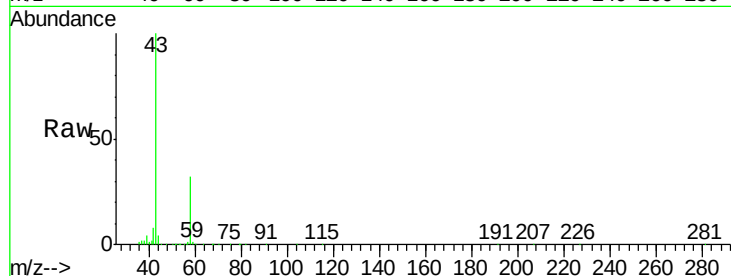
#16
Acetone
Concen: 193.930 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Instrument :
MSVOA_W
ClientSampleId :
SSSI-0509-DH-4

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.9	22.7	34.1

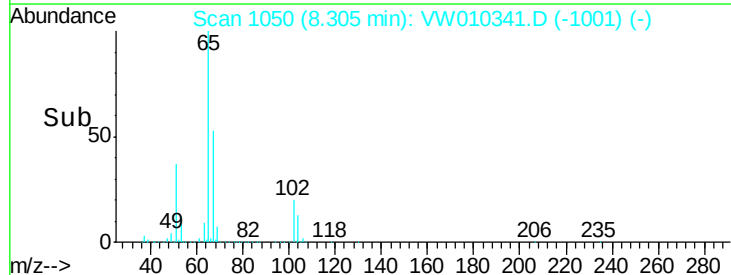
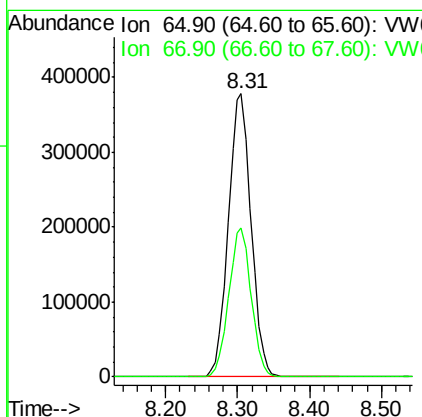
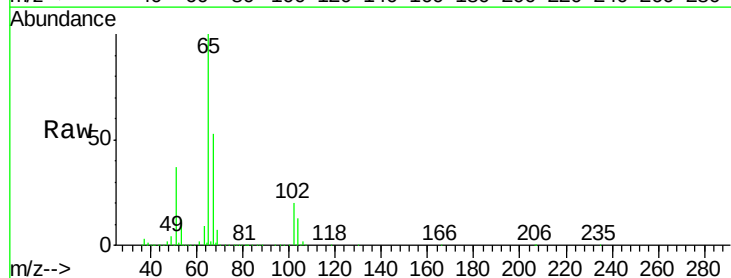
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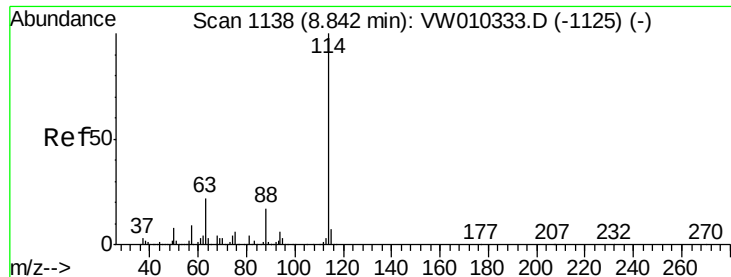
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#33
1,2-Dichloroethane-d4
Concen: 61.710 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	100.8





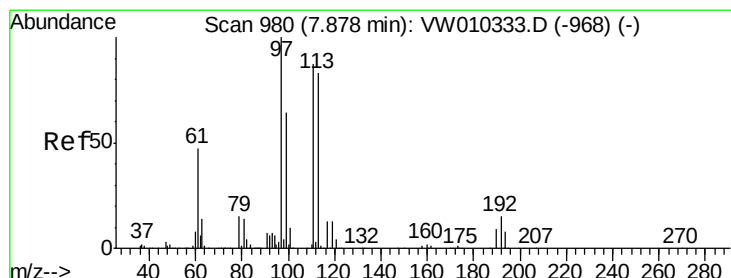
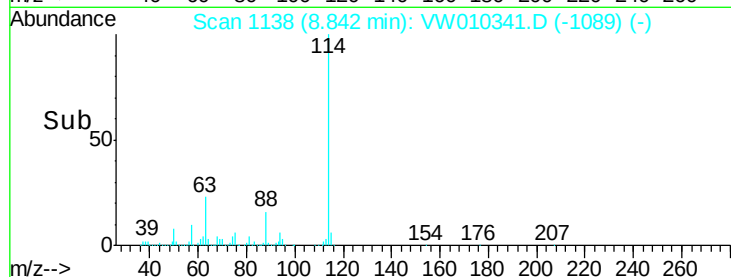
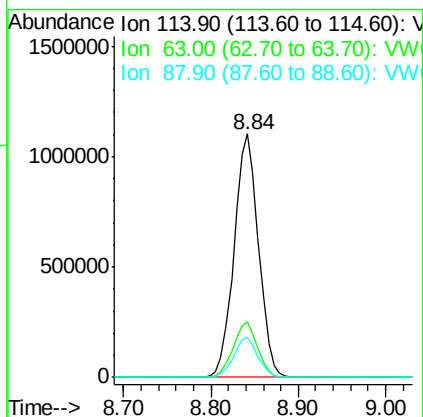
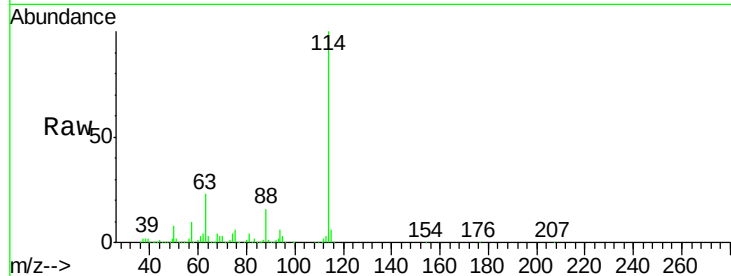
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Instrument :
MSVOA_W
ClientSampleId :
SSSI-0509-DH-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	46.2
88	16.3	0.0	32.6

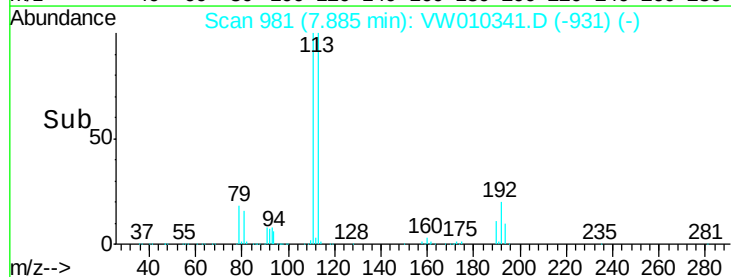
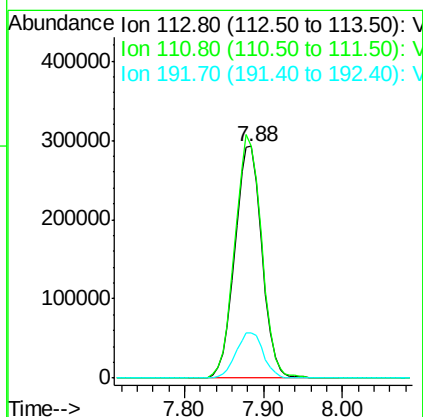
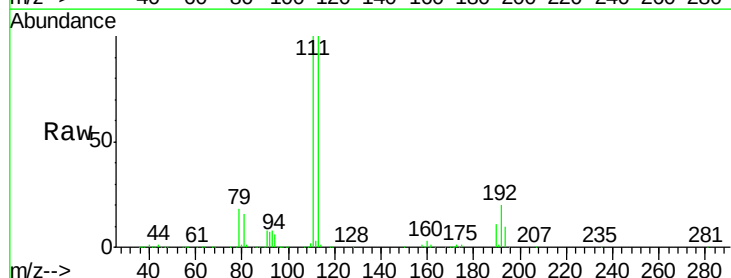
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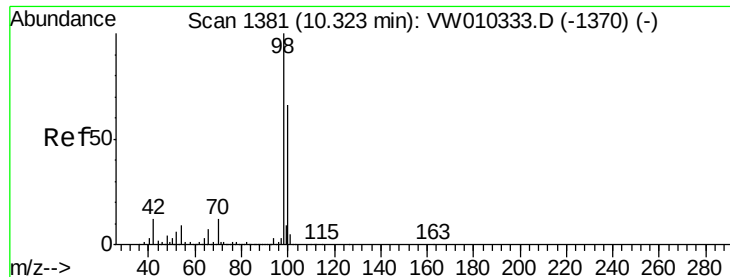
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#35
Dibromofluoromethane
Concen: 55.929 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	20.0	15.4	23.2





#50

Toluene-d8

Concen: 53.266 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

SSSI-0509-DH-4

Tot Ion: 98 Resp: 2708185

Ion Ratio Lower Upper

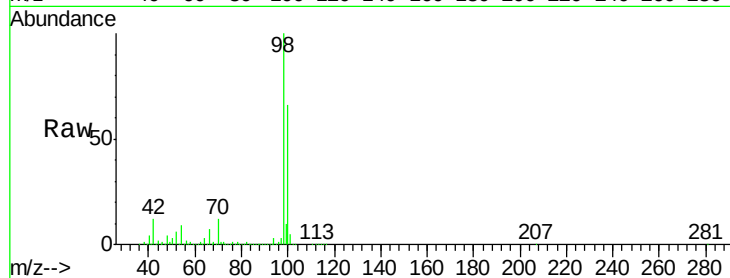
98 100

100 65.4 52.3 78.5

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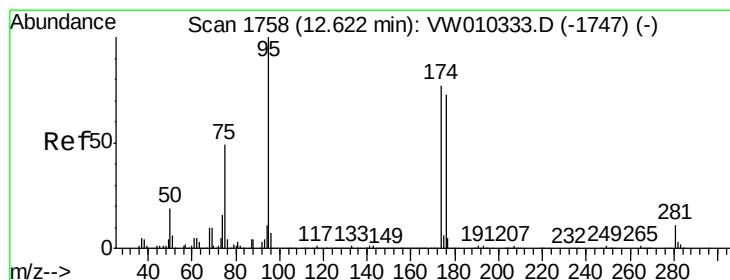
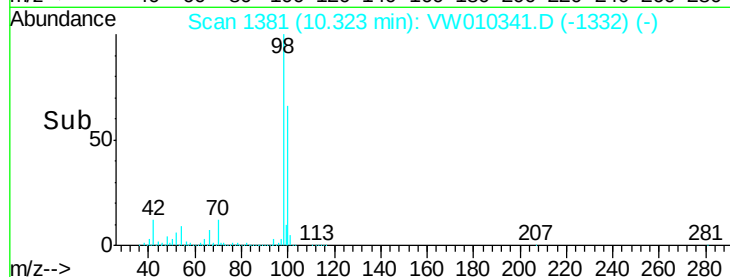
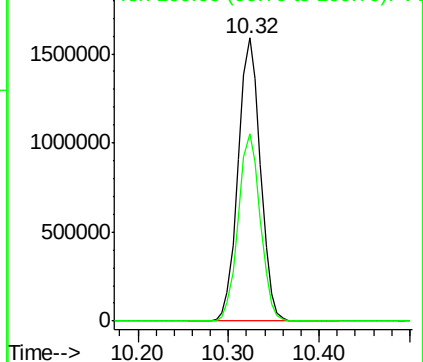
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Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.416 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010341.D

Acq: 09 May 2019 17:21

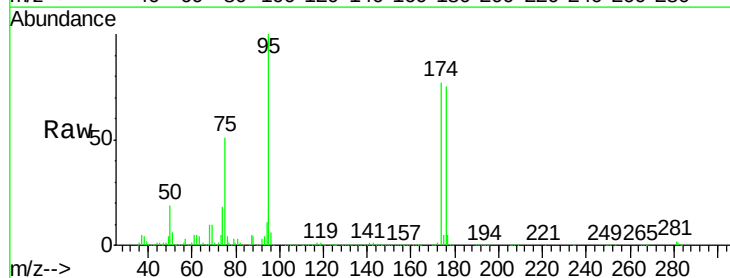
Tgt Ion: 95 Resp: 830713

Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.4

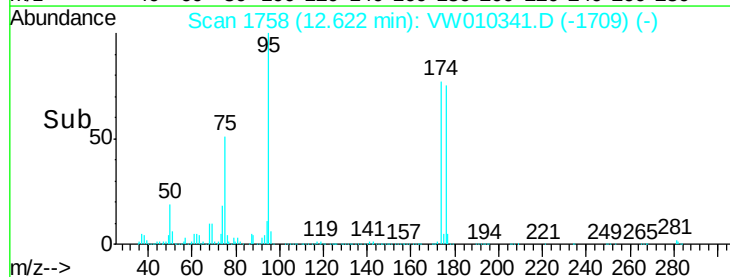
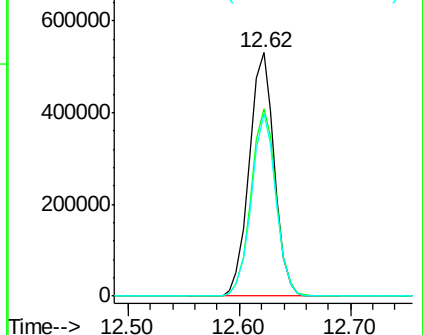
176 73.5 0.0 146.2

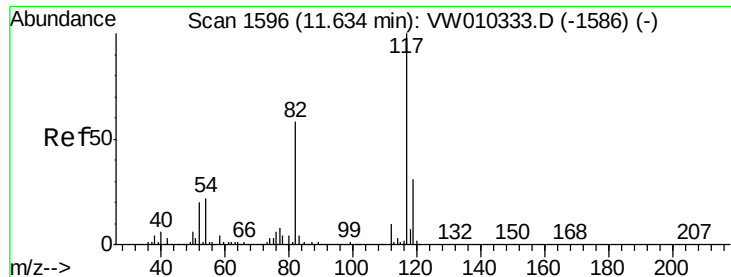


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW





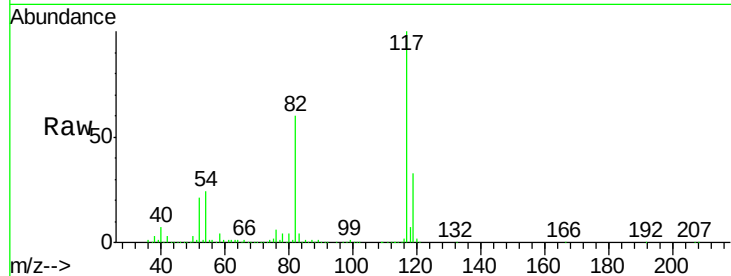
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Instrument :
MSVOA_W
ClientSampleId :
SSSI-0509-DH-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	45.2	67.8
119	32.6	25.4	38.2

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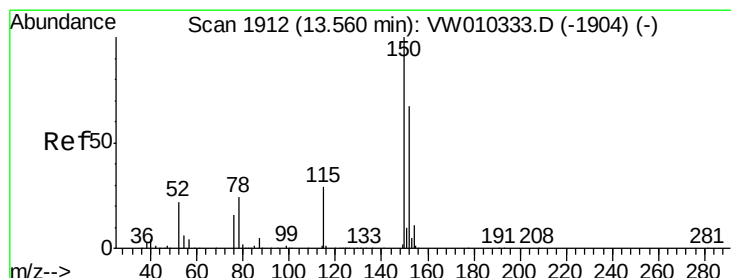
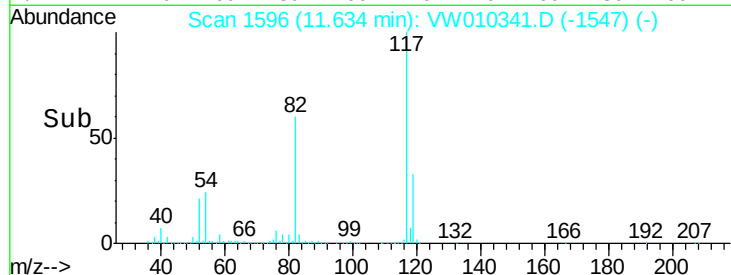
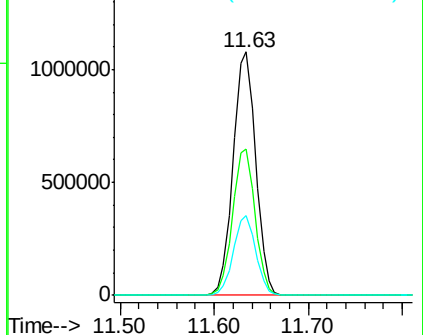


Abundance

Ion 116.90 (116.60 to 117.60): V

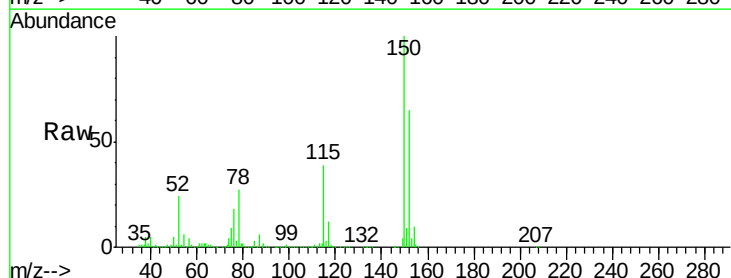
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.4	91.2
150	156.3	0.0	347.0

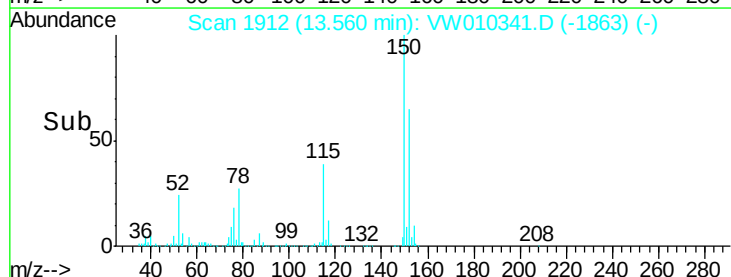
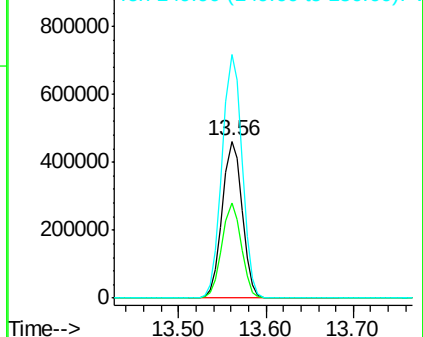


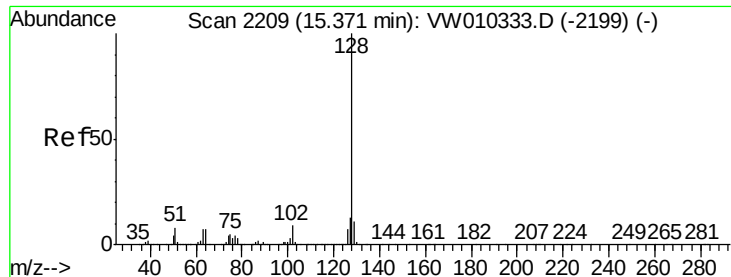
Abundance

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





#95
Naphthalene
Concen: 3.873 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW010341.D
Acq: 09 May 2019 17:21

Instrument :
MSVOA_W
ClientSampleId :
SSSI-0509-DH-4

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	16.6	10.6	15.8#
129	13.1	8.7	13.1#

Manual Integrations
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