

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\
 Data File : VW008023.D
 Acq On : 03 Jan 2019 16:17
 Operator : SY/AP
 Sample : K1017-13
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Manual Integrations
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 1/4/2019 12:02:17 PM

Quant Time: Jan 04 07:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39068	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
35) Dibromofluoromethane	7.88	113	34455	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.32	98	127237	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.62	95	38901	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.98%	
Target Compounds						
16) Acetone	4.12	43	6240	56.764	ug/l	97
20) Methylene Chloride	4.92	84	2606	1.541	ug/l #	84
25) 2-Butanone	7.19	43	1154m	8.910	ug/l	

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

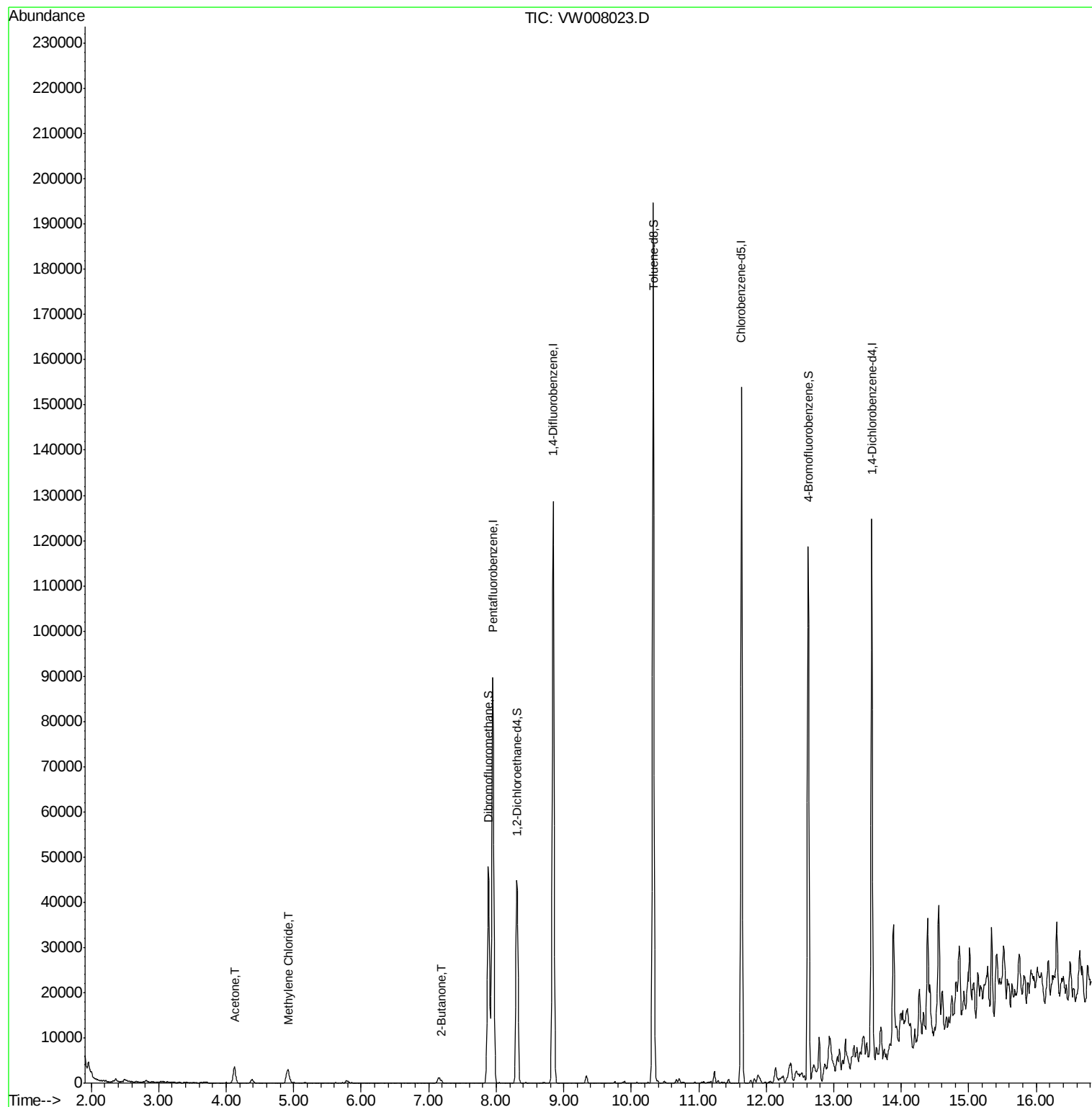
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010319\
Data File : VW008023.D
Acq On : 03 Jan 2019 16:17
Operator : SY/AP
Sample : K1017-13
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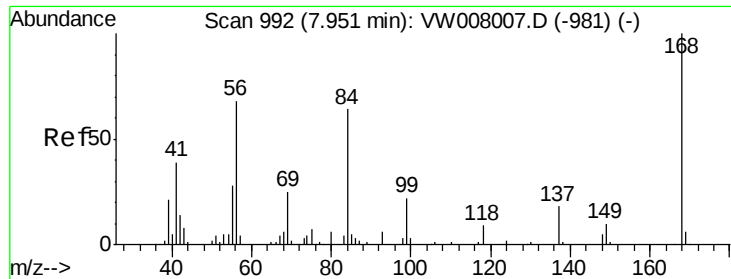
Instrument :
MSVOA_W
ClientSampleId :
TP-4

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
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#1

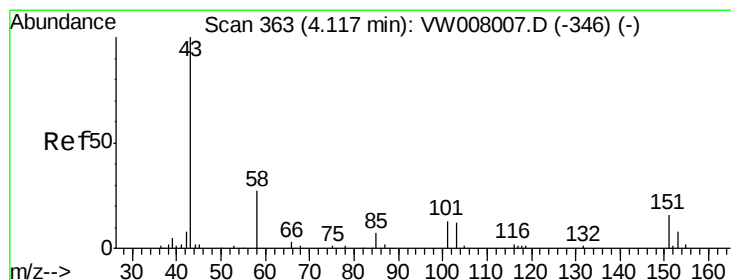
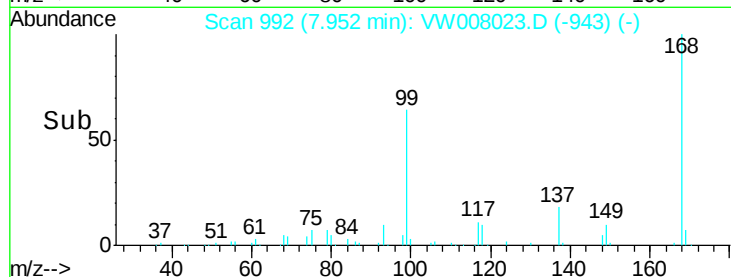
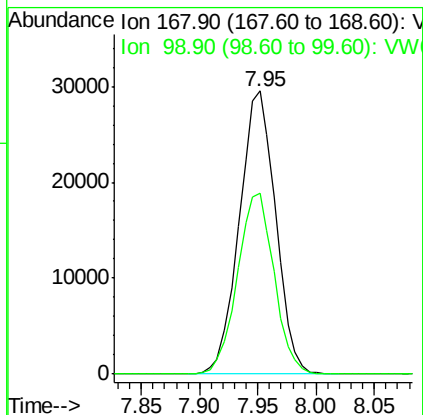
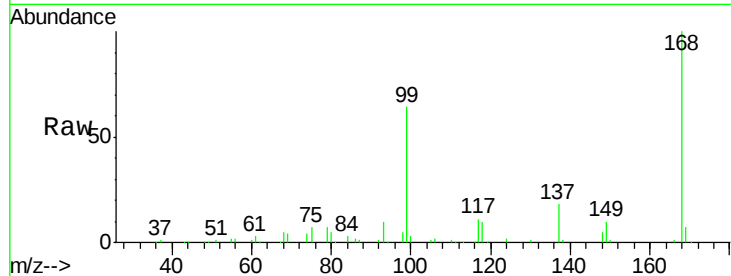
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW008023.D
 Acq: 03 Jan 2019 16:17

Instrument :
 MSVOA_W
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
168	100		
99	63.8	51.6	77.4

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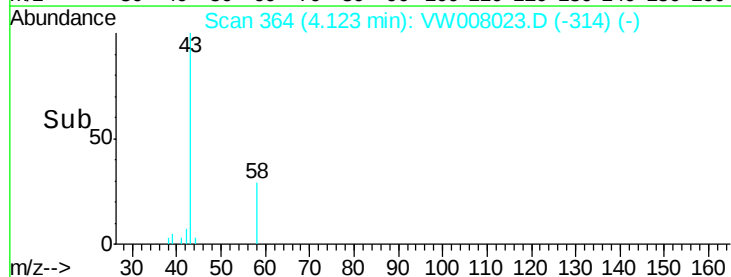
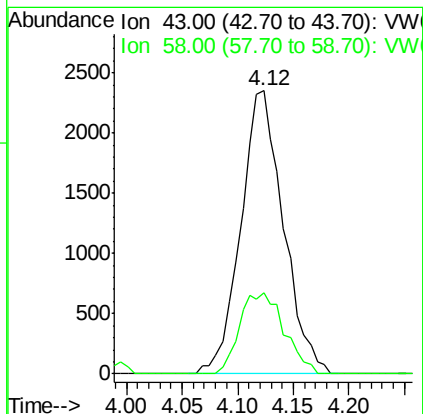
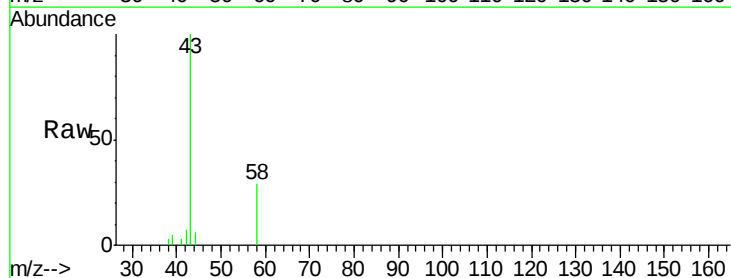
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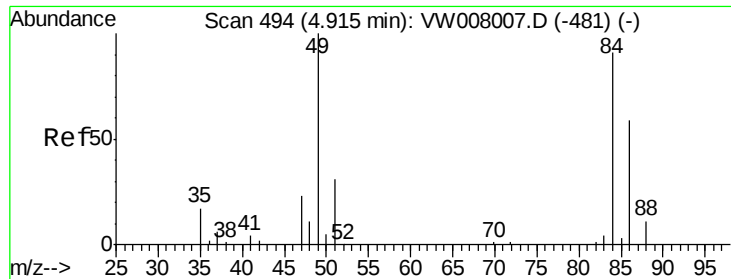


#16

Acetone
 Concen: 56.764 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW008023.D
 Acq: 03 Jan 2019 16:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.7	32.5





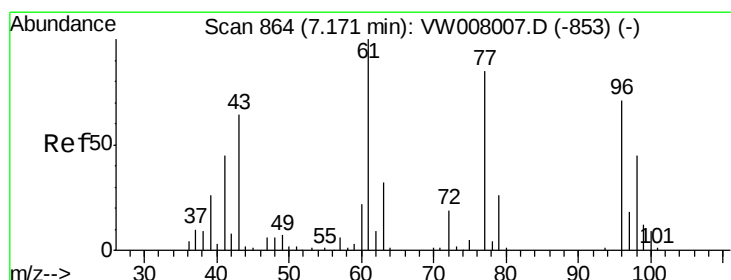
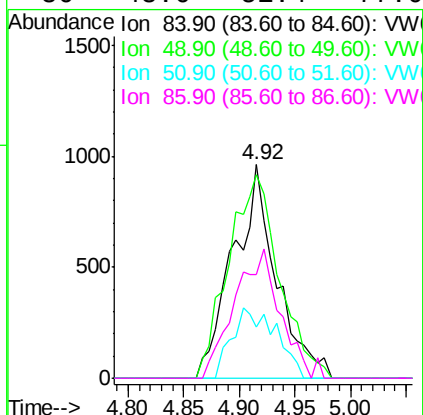
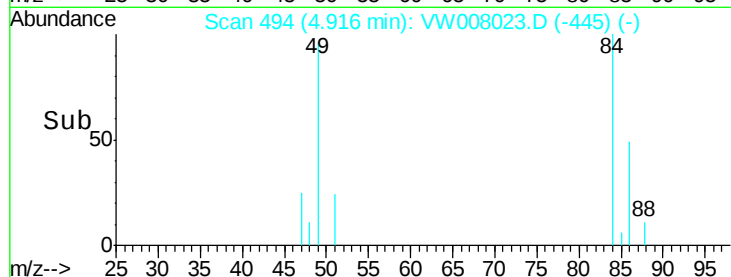
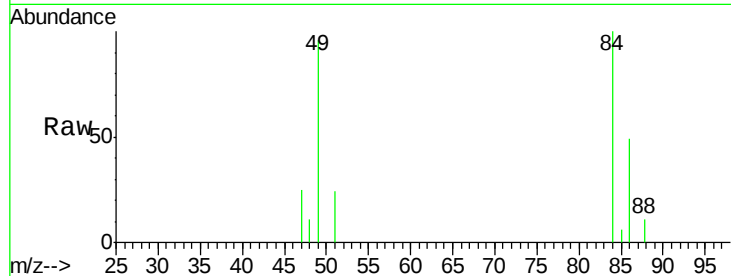
#20
Methylene Chloride
Concen: 1.541 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008023.D
Acq: 03 Jan 2019 16:17

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
84	100		
49	95.5	87.7	131.5
51	24.0	27.3	40.9
86	48.6	51.4	77.0

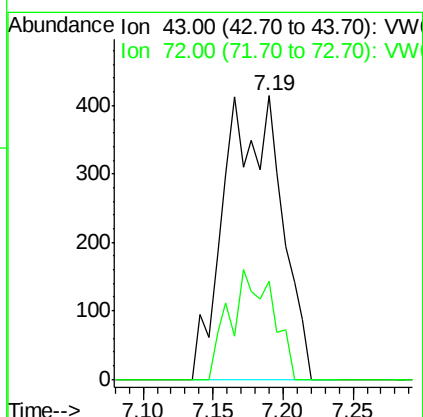
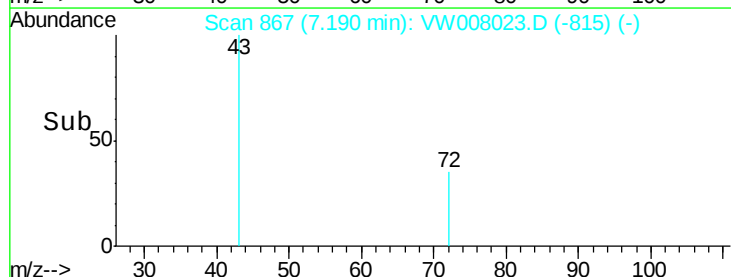
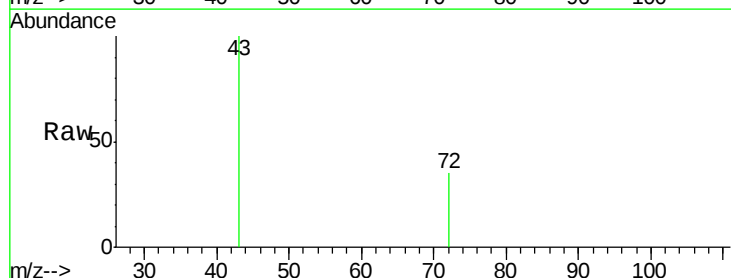
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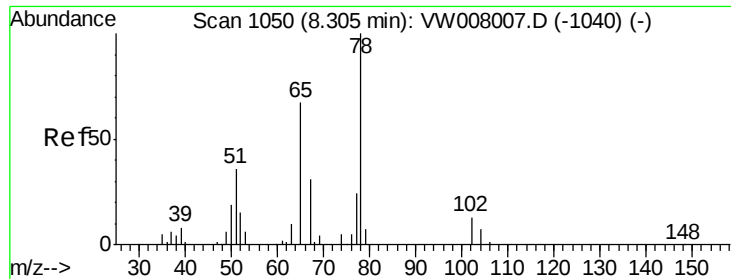
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#25
2-Butanone
Concen: 8.910 ug/l m
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW008023.D
Acq: 03 Jan 2019 16:17

Tgt Ion	Ratio	Lower	Upper
43	100		
72	34.5	23.8	35.8





#33

1,2-Dichloroethane-d4

Concen: 55.013 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

TP-4

Tot Ion: 65 Resp: 39068

Ion Ratio Lower Upper

65 100

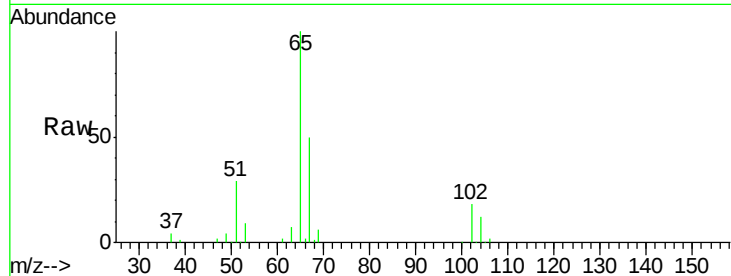
67 48.8 0.0 94.8

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

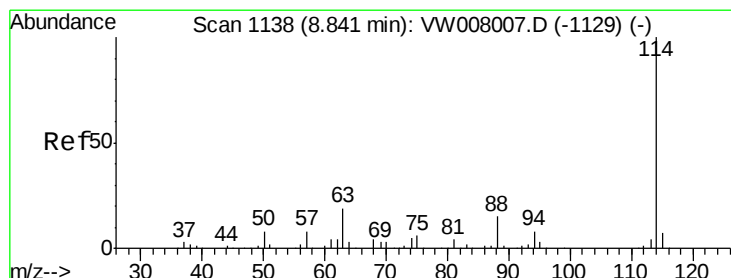
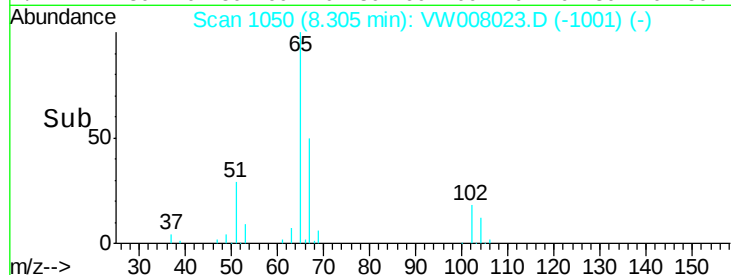
15000

10000

5000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

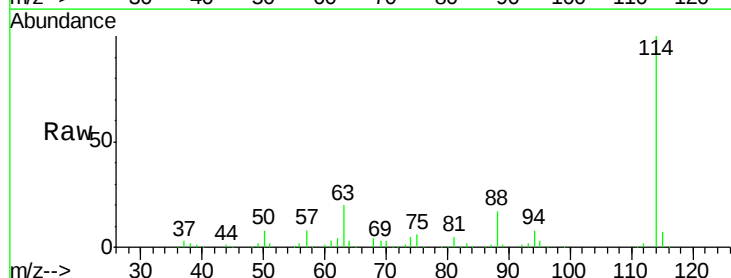
Tgt Ion: 114 Resp: 108608

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.8

88 17.0 0.0 31.0



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

8.84

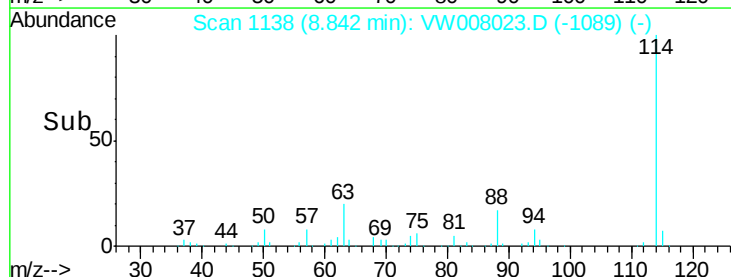
60000

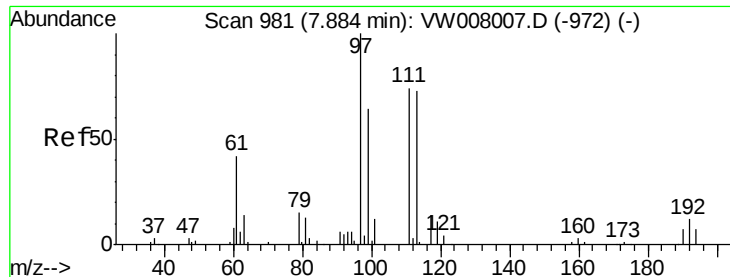
40000

20000

0

Time--> 8.75 8.80 8.85 8.90 8.95





#35

Dibromofluoromethane

Concen: 50.323 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Instrument :

MSVOA_W

ClientSampled :

TP-4

Tot Ion:113 Resp: 34455

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

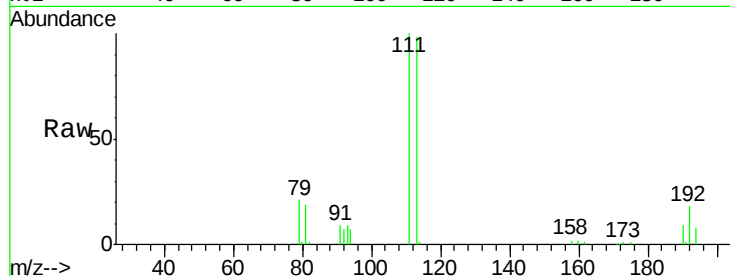
192 18.4 14.8 22.2

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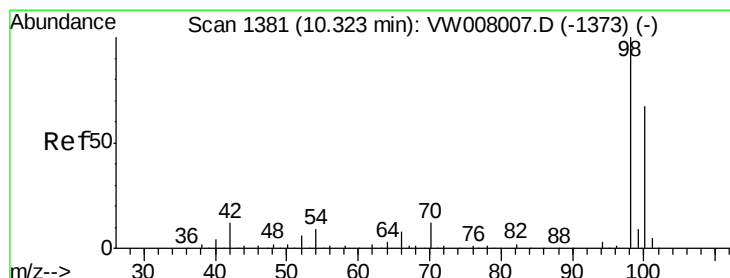
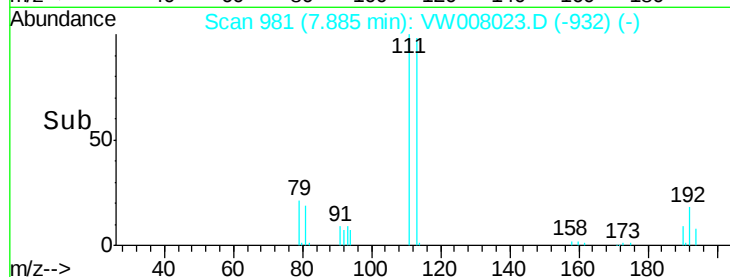
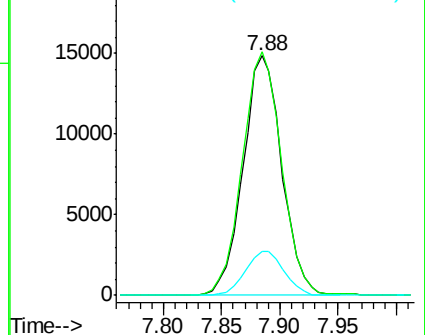
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.540 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008023.D

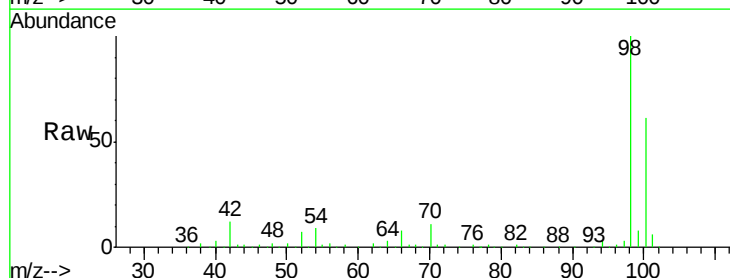
Acq: 03 Jan 2019 16:17

Tgt Ion: 98 Resp: 127237

Ion Ratio Lower Upper

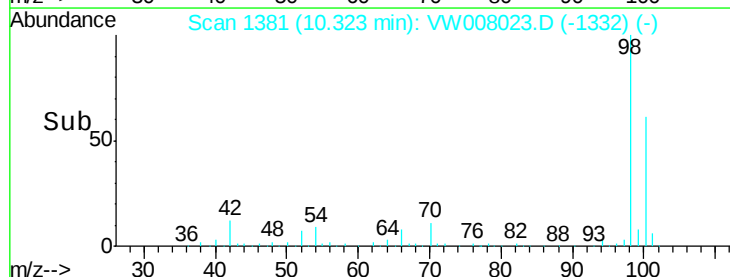
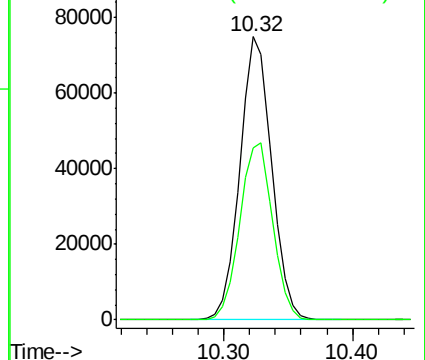
98 100

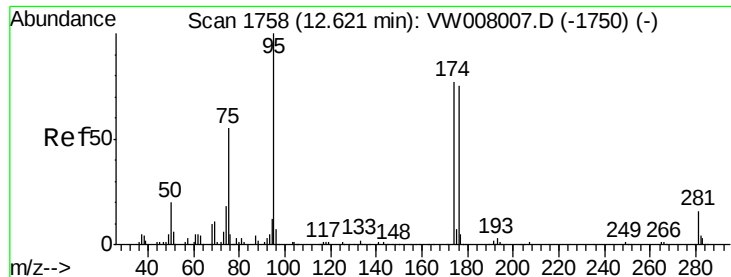
100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 39.494 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Instrument :

MSVOA_W

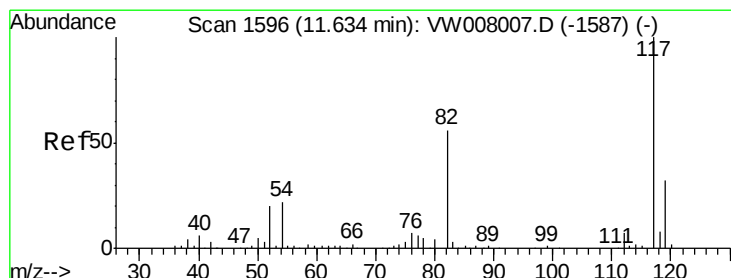
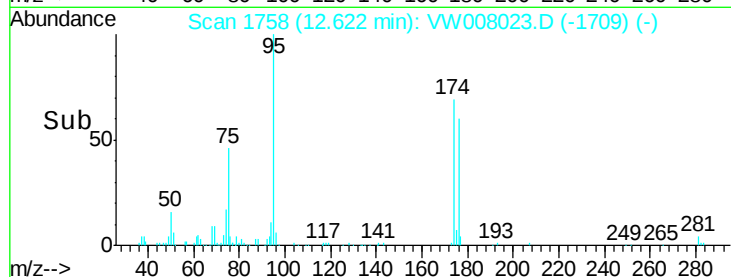
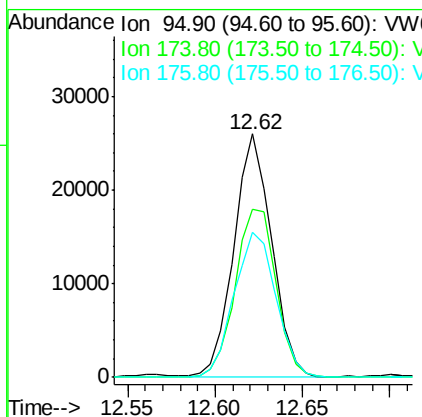
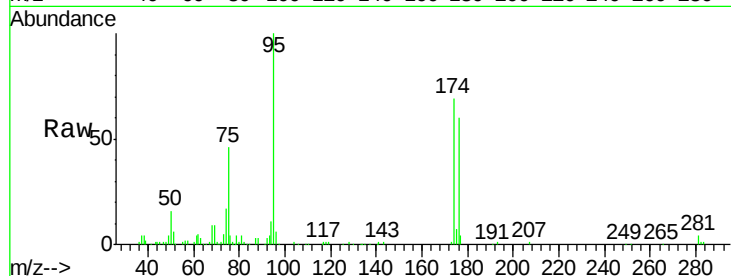
ClientSampleId :

TP-4

Tot Ion:	95	Resp:	38901
Ion Ratio	Lower	Upper	
95	100		
174	74.9	0.0	149.6
176	66.6	0.0	145.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

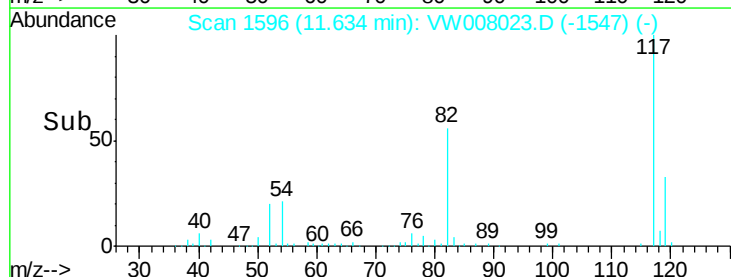
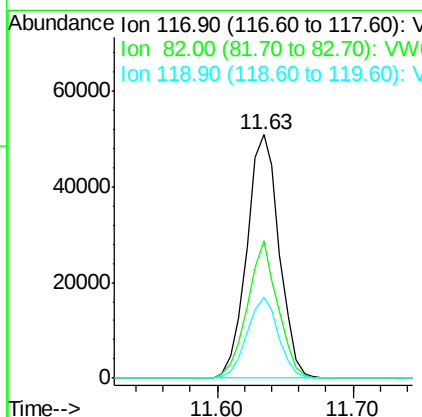
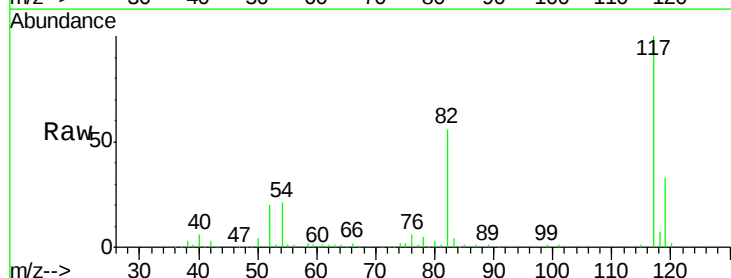
RT: 11.63 min Scan# 1596

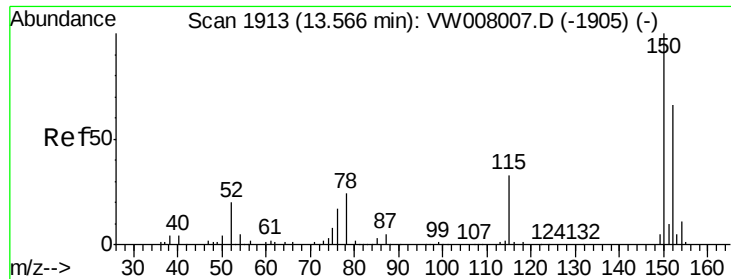
Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Tgt Ion:	117	Resp:	84469
Ion Ratio	Lower	Upper	
117	100		
82	56.3	44.8	67.2
119	33.2	25.6	38.4





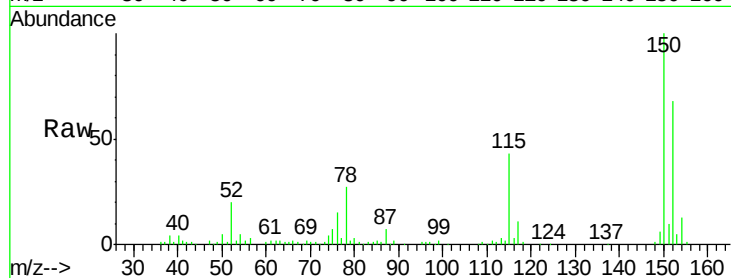
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW008023.D
 Acq: 03 Jan 2019 16:17

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.1	96.5
150	151.9	0.0	345.0

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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

