

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007596.D
 Acq On : 15 Dec 2018 21:20
 Operator : SY/AP
 Sample : J6322-13RE
 Misc : 8.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718RE

Quant Time: Dec 17 16:40:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

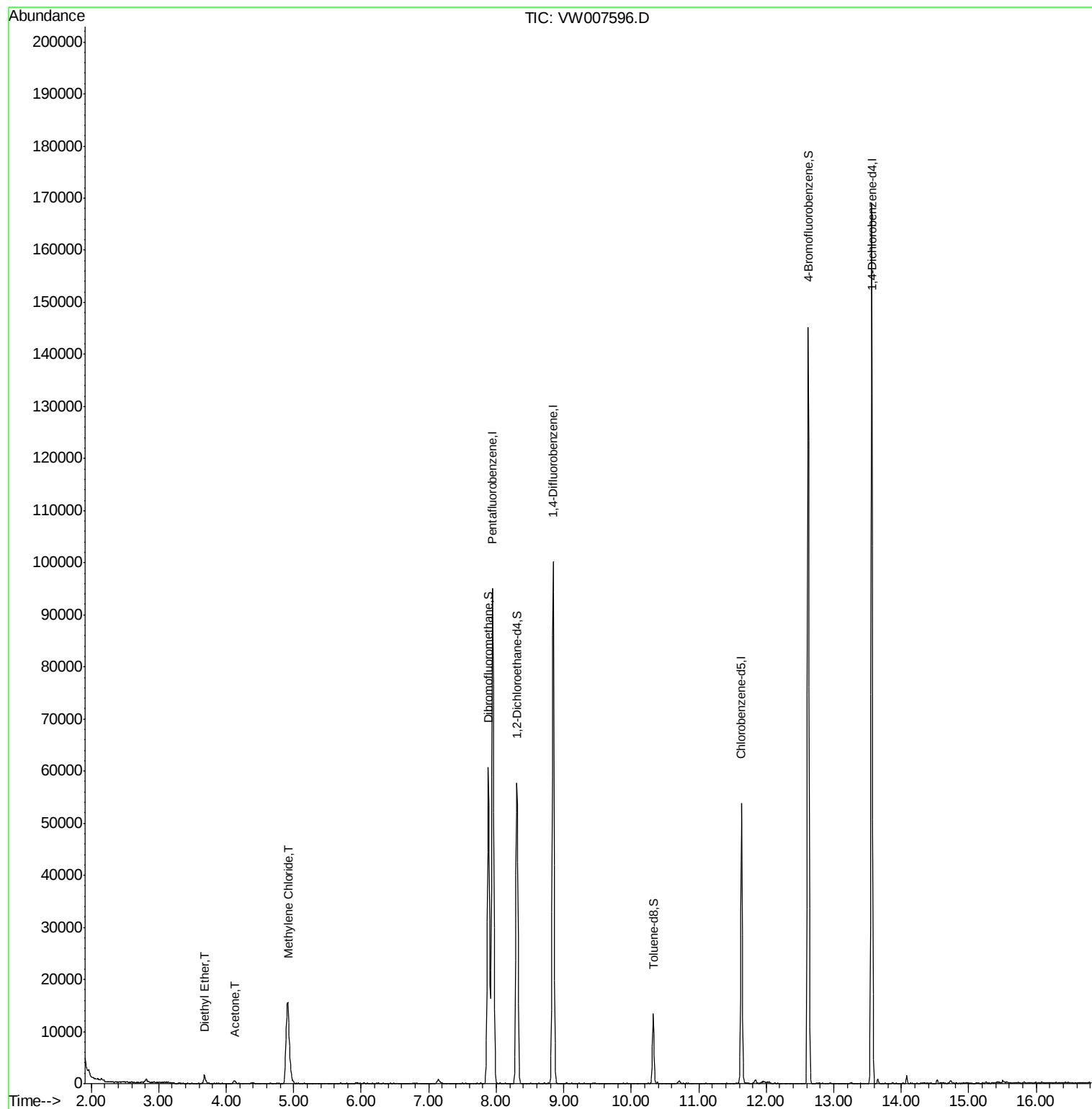
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	85564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49119	63.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.40%	
35) Dibromofluoromethane	7.88	113	43172	83.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	166.70%	
50) Toluene-d8	10.33	98	9979	5.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.28%	
62) 4-Bromofluorobenzene	12.62	95	49066	68.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.44%	
Target Compounds						
8) Diethyl Ether	3.69	74	785	2.337	ug/l	96
16) Acetone	4.12	43	1029	7.640	ug/l	90
20) Methylene Chloride	4.91	84	13816	16.101	ug/l	95

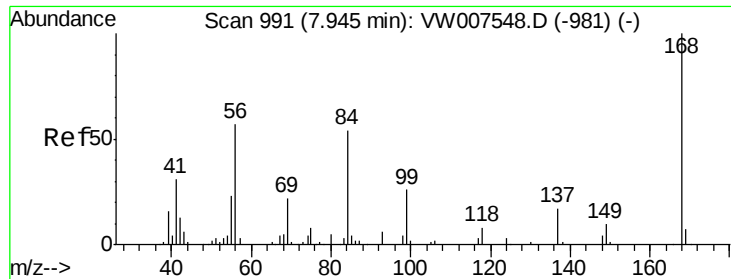
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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ClientSampleId :

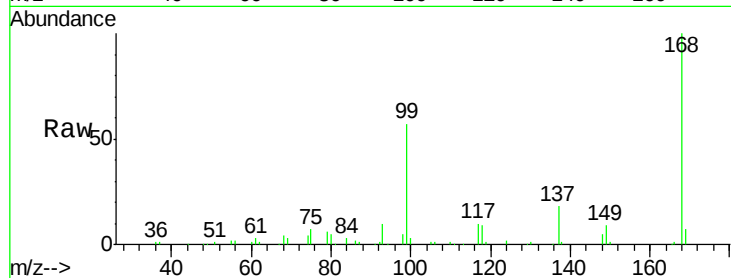
SUP-2A-G-5-120718RE

Tgt Ion: 168 Resp: 69508

Ion Ratio Lower Upper

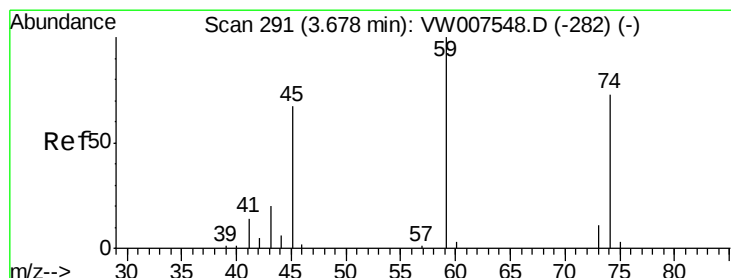
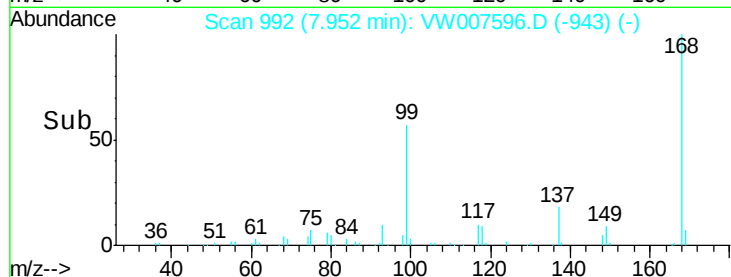
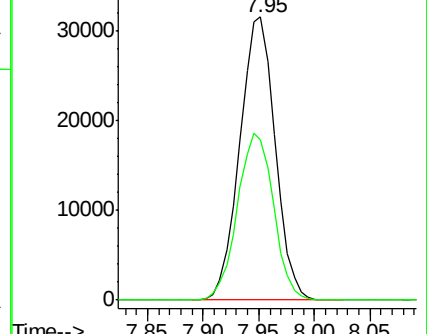
168 100

99 56.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.337 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW007596.D

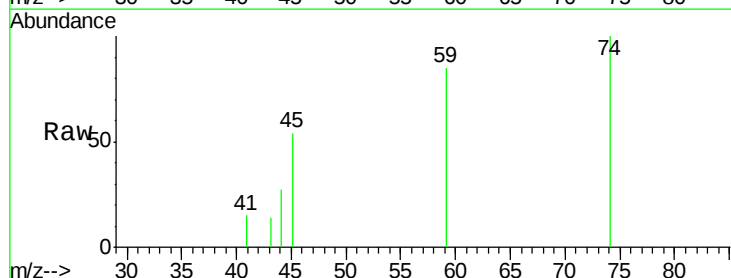
Acq: 15 Dec 2018 21:20

Tgt Ion: 74 Resp: 785

Ion Ratio Lower Upper

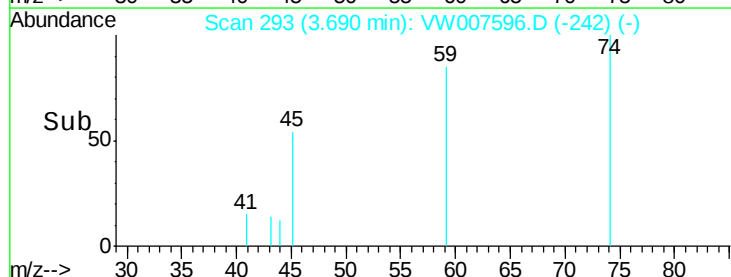
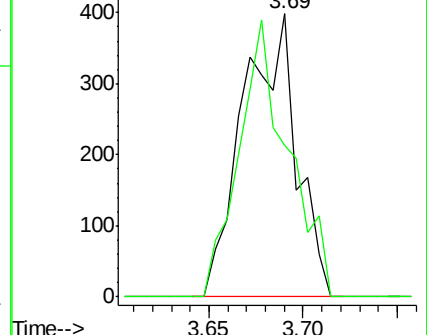
74 100

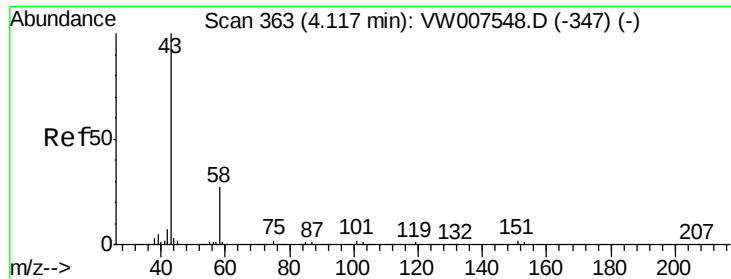
45 89.7 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 7.640 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007596.D

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Instrument :

MSVOA_W

ClientSampleId :

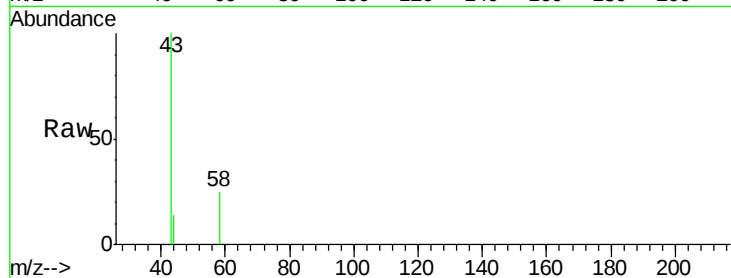
SUP-2A-G-5-120718RE

Tgt Ion: 43 Resp: 1029

Ion Ratio Lower Upper

43 100

58 25.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

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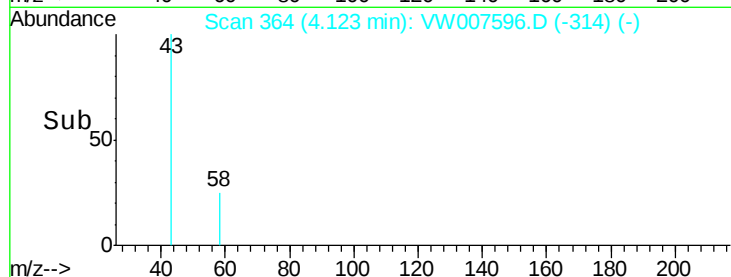
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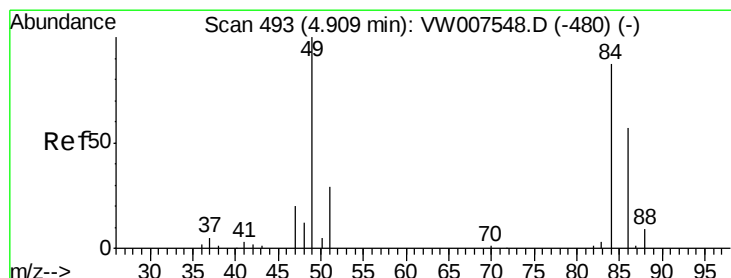
4.12

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Time-->



#20

Methylene Chloride

Concen: 16.101 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007596.D

Acq: 15 Dec 2018 21:20

Tgt Ion: 84 Resp: 13816

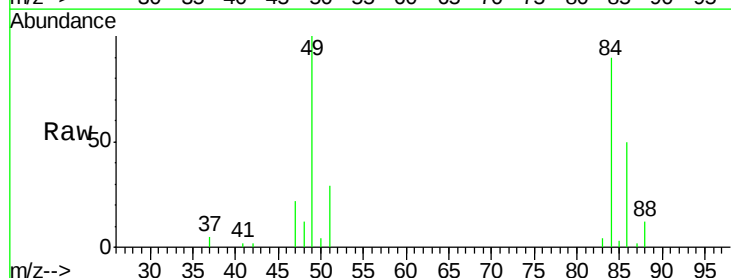
Ion Ratio Lower Upper

84 100

49 111.2 87.1 130.7

51 32.6 28.2 42.2

86 55.5 50.8 76.2



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

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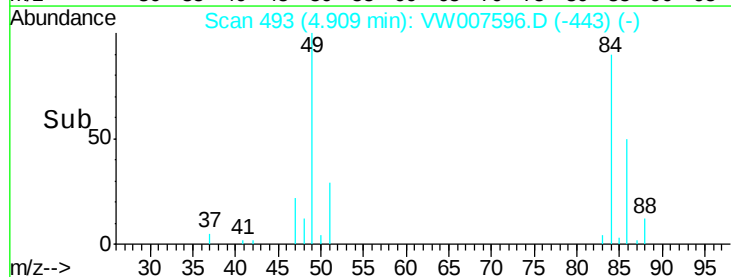
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4.91

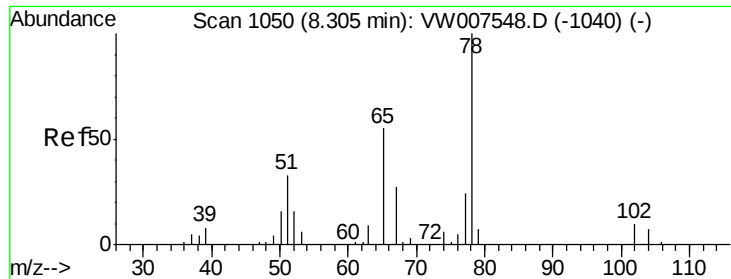
4.91

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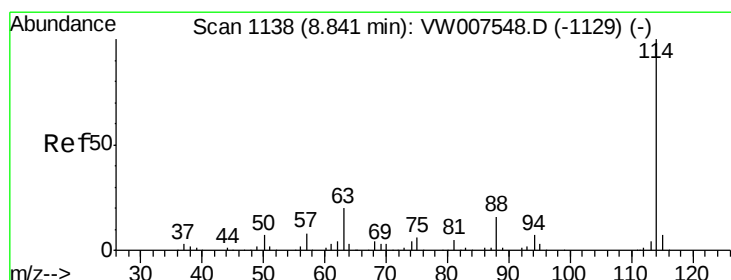
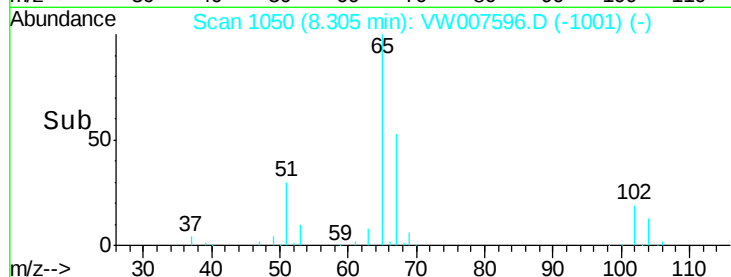
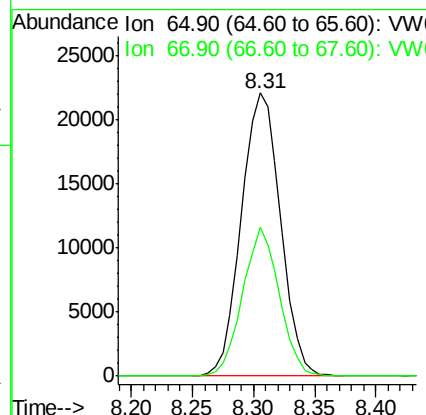
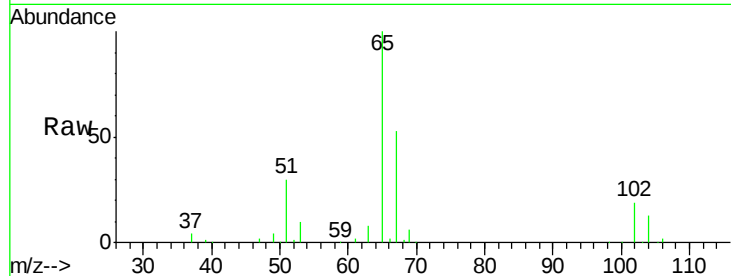
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 63.697 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

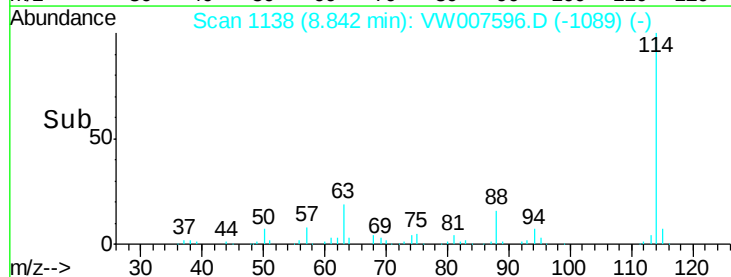
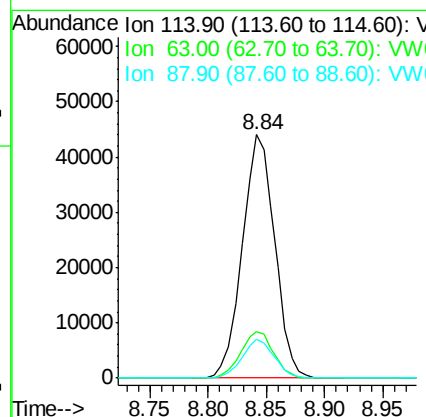
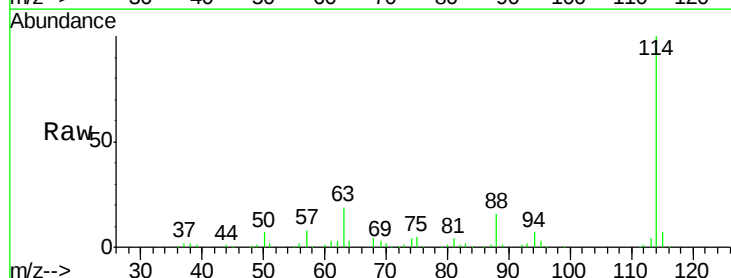
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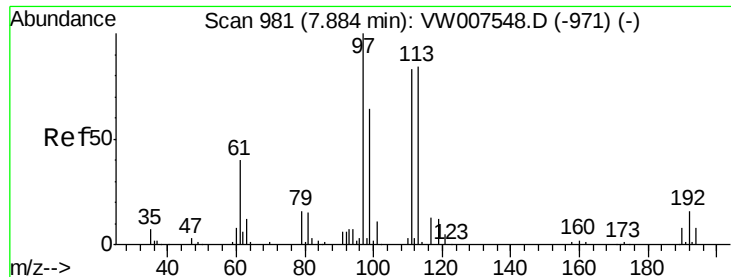
Tgt Ion: 65 Resp: 49119
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Tgt Ion: 114 Resp: 85564
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 16.2 0.0 31.4

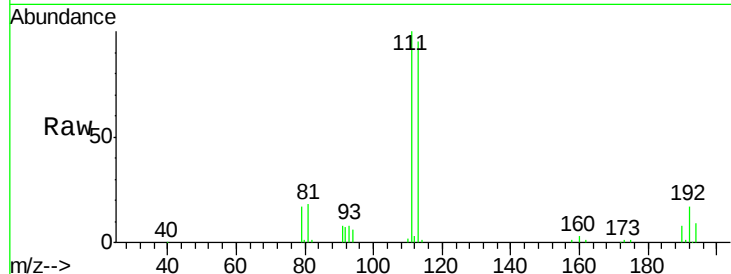




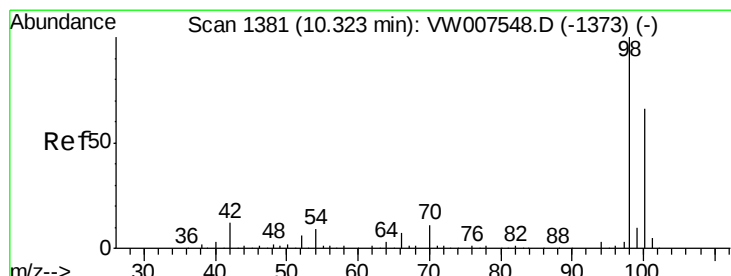
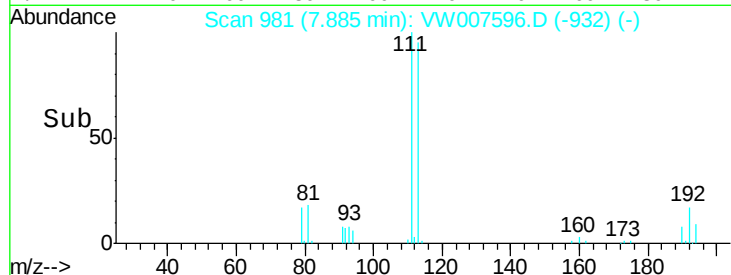
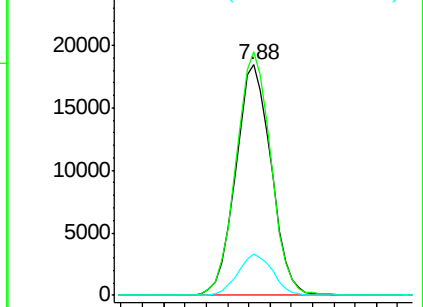
#35
 Dibromofluoromethane
 Concen: 83.351 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718RE

Tgt Ion: 113 Resp: 43172
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 17.7 14.6 21.8

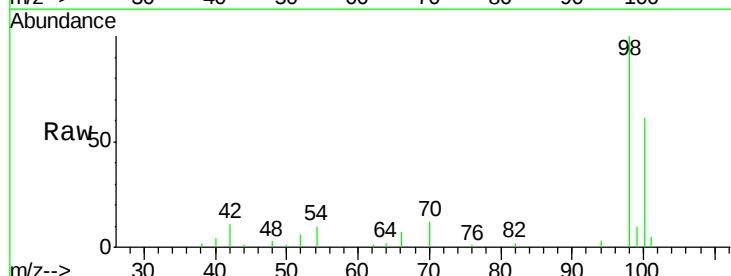


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

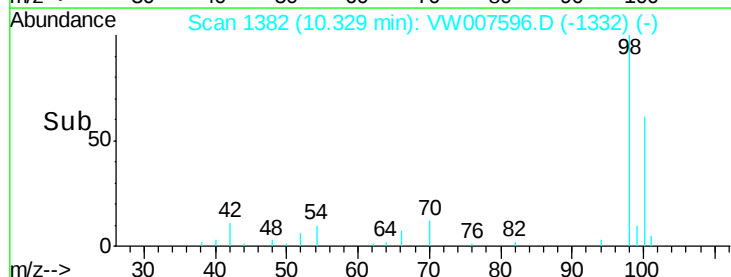
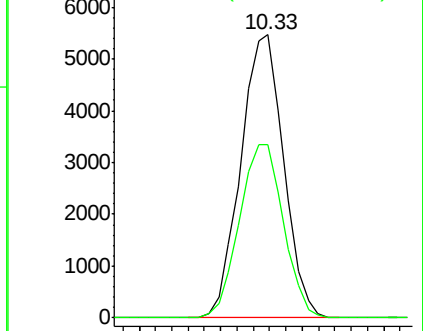


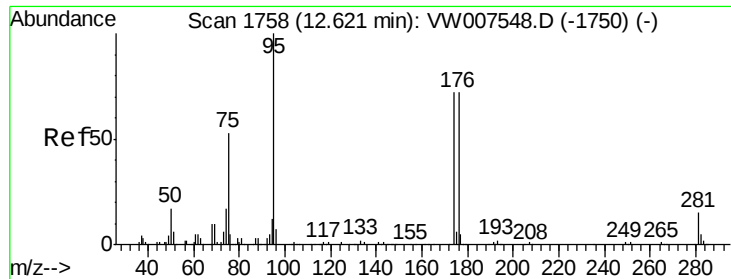
#50
 Toluene-d8
 Concen: 5.138 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Tgt Ion: 98 Resp: 9979
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

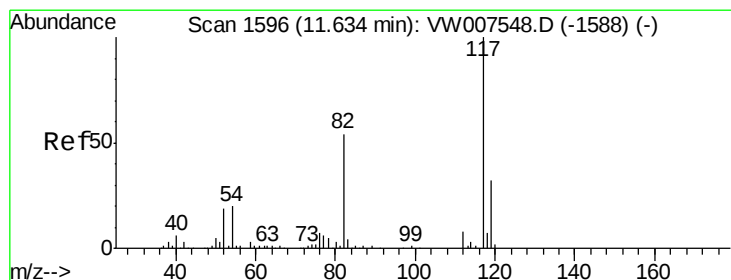
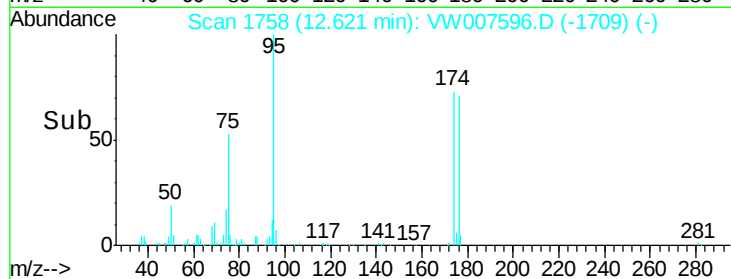
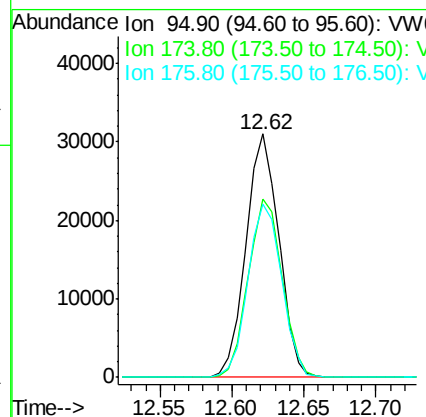
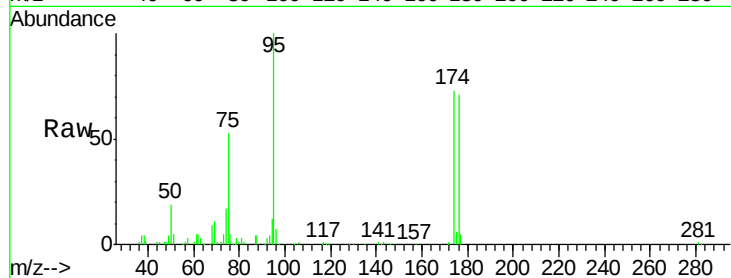




#62
4-Bromofluorobenzene
Concen: 68.716 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007596.D
Acq: 15 Dec 2018 21:20

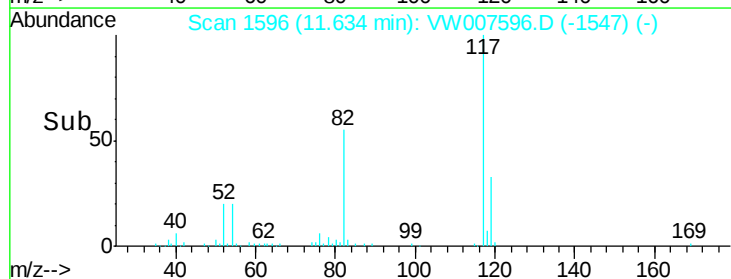
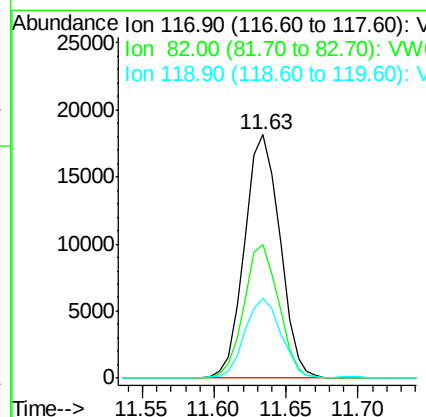
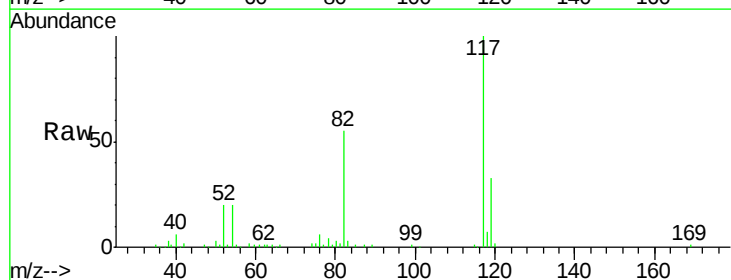
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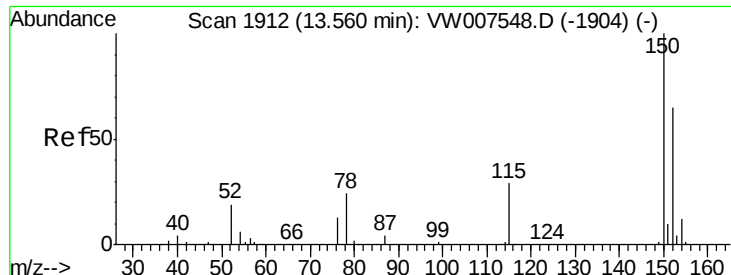
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	147.2
176	73.0	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007596.D
Acq: 15 Dec 2018 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.3	63.5
119	32.7	23.0	34.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.4	94.2
150	156.6	0.0	358.4

