

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008127.D
 Acq On : 10 Jan 2019 03:38
 Operator : SY/AP
 Sample : K1082-05RE
 Misc : 5.46G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1-3RE

Quant Time: Jan 10 07:26:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

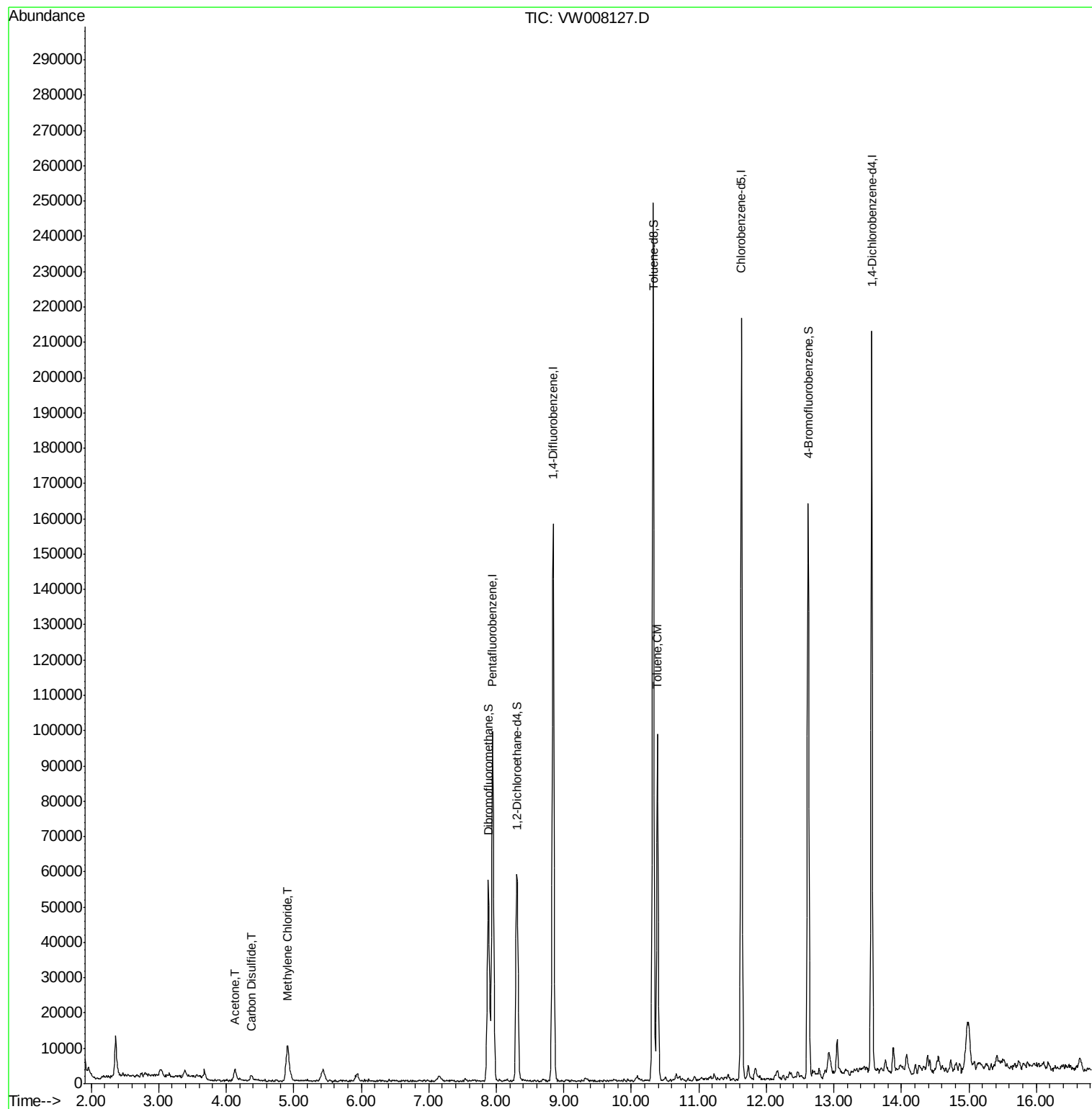
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	42605	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	7.88	113	39717	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	10.32	98	162966	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.62	95	54073	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
16) Acetone	4.14	43	5903	23.230	ug/l	90
17) Carbon Disulfide	4.37	76	2862	1.214	ug/l	99
20) Methylene Chloride	4.91	84	7341	5.335	ug/l	97
52) Toluene	10.39	92	39825	17.374	ug/l	95

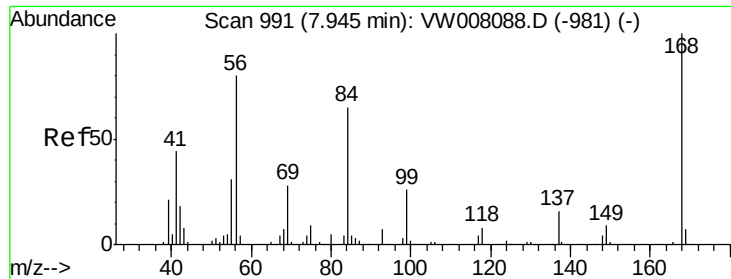
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.00 min

Lab File: VW008127.D

Acq: 10 Jan 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

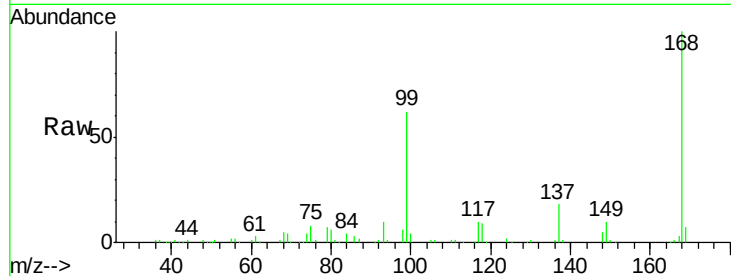
SP-1-3RE

Tot Ion:168 Resp: 68890

Ion Ratio Lower Upper

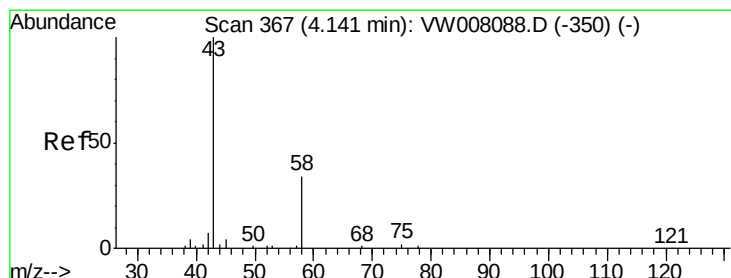
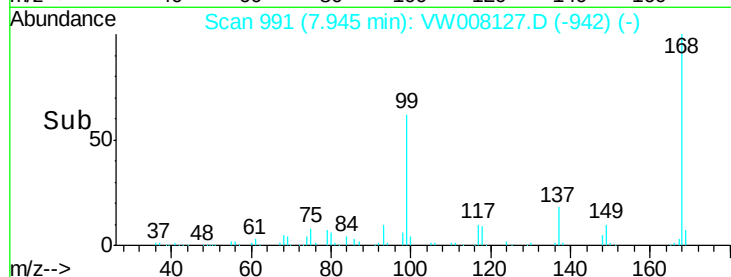
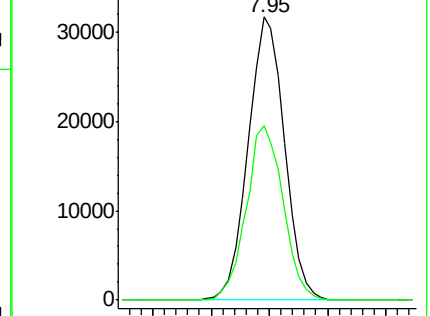
168 100

99 61.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 23.230 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008127.D

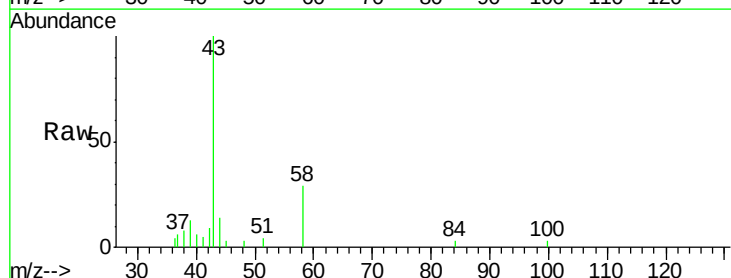
Acq: 10 Jan 2019 03:38

Tgt Ion: 43 Resp: 5903

Ion Ratio Lower Upper

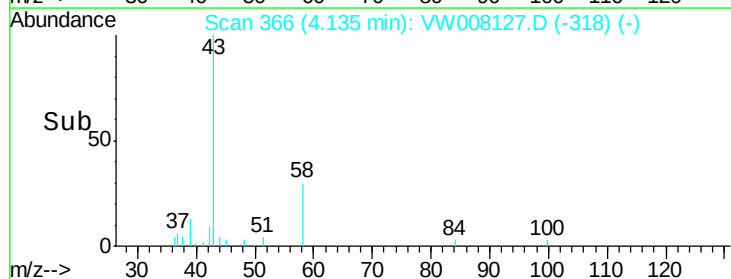
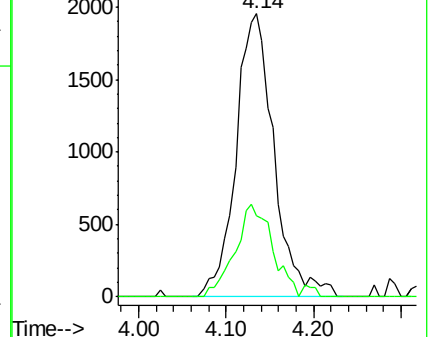
43 100

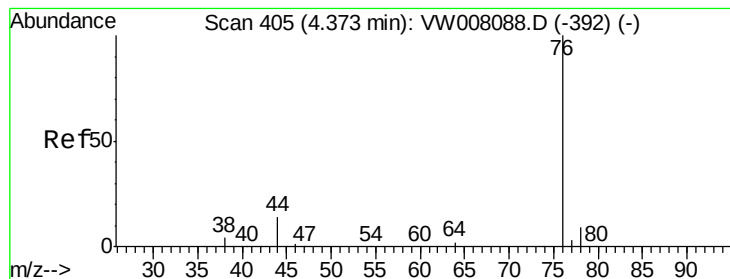
58 28.7 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.214 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008127.D

Acq: 10 Jan 2019 03:38

Instrument :

MSVOA_W

ClientSampled :

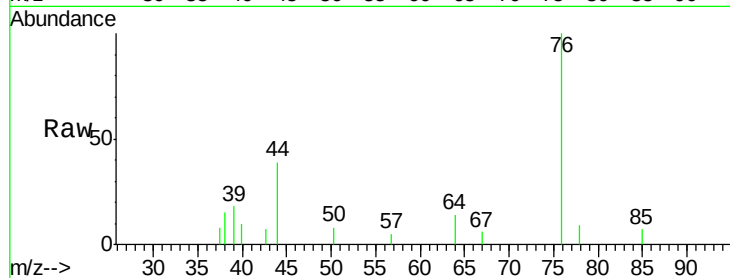
SP-1-3RE

Tot Ion: 76 Resp: 2862

Ion Ratio Lower Upper

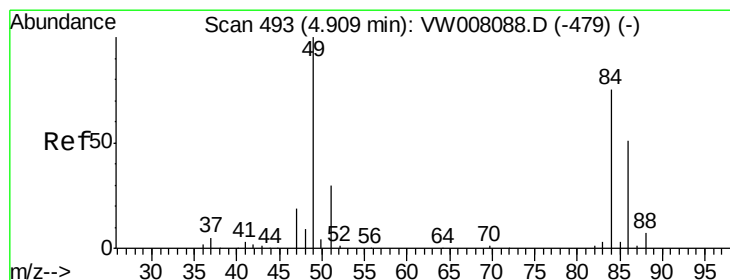
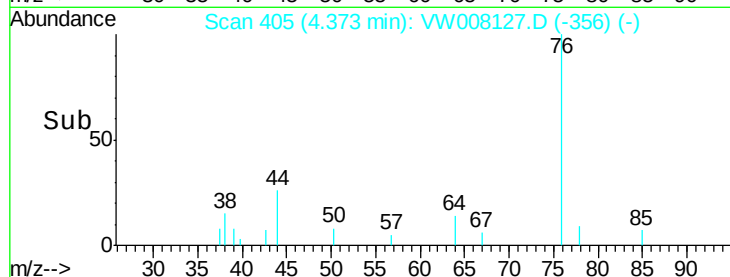
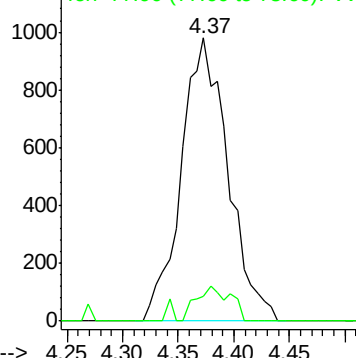
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 5.335 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008127.D

Acq: 10 Jan 2019 03:38

Tgt Ion: 84 Resp: 7341

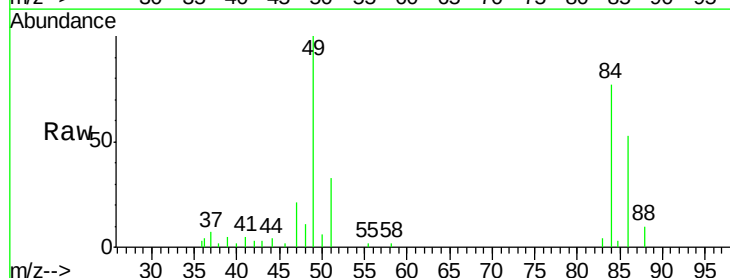
Ion Ratio Lower Upper

84 100

49 130.3 107.1 160.7

51 43.2 32.4 48.6

86 69.1 54.2 81.4

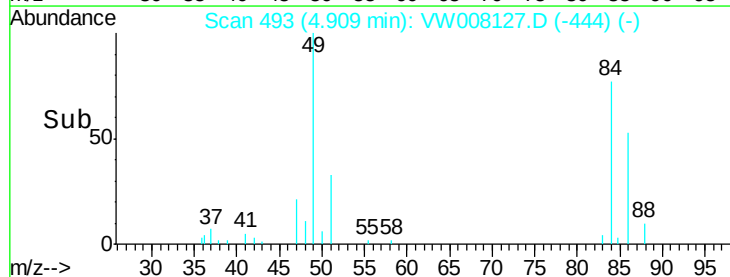
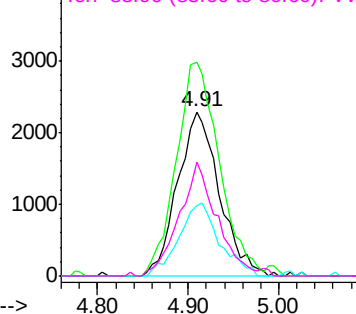


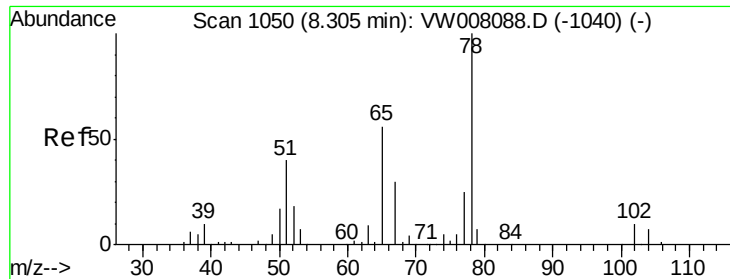
Abundance Ion 83.90 (83.60 to 84.60): VW

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

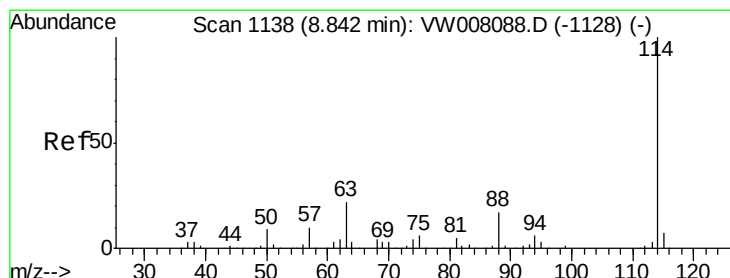
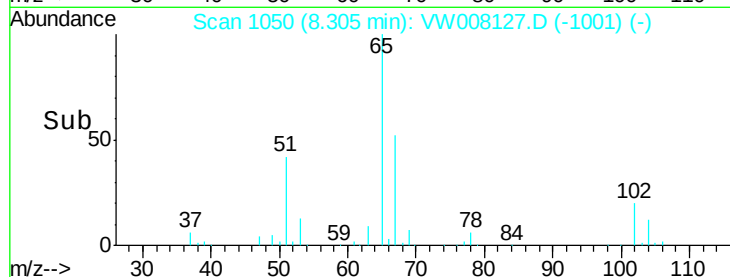
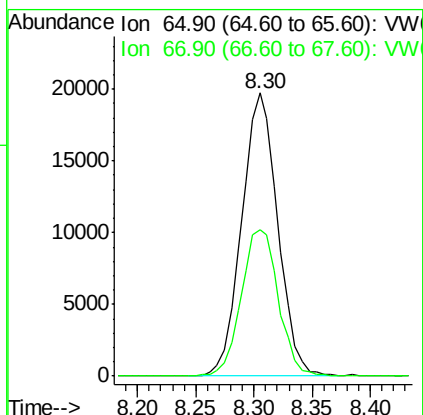
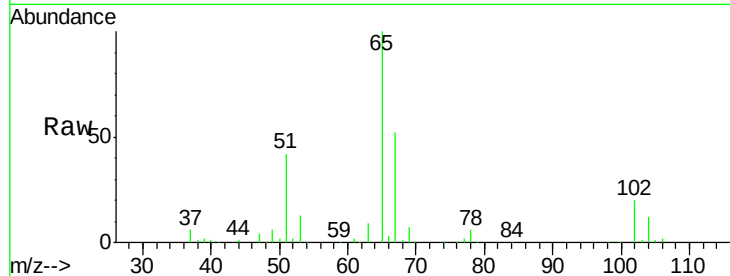




#33
 1,2-Dichloroethane-d4
 Concen: 55.026 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008127.D
 Acq: 10 Jan 2019 03:38

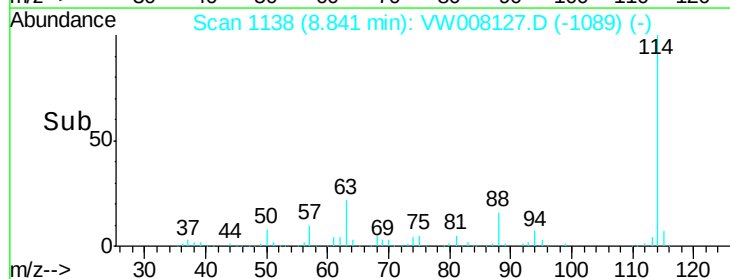
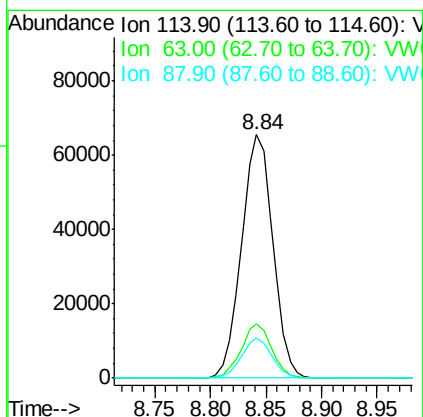
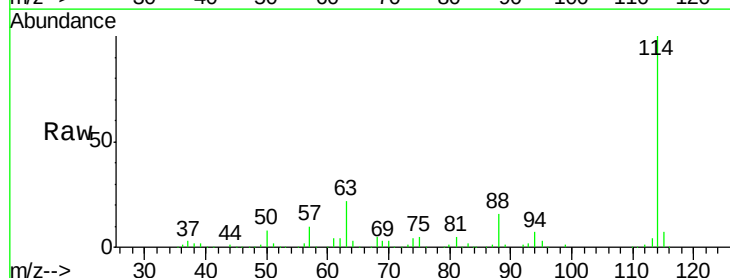
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1-3RE

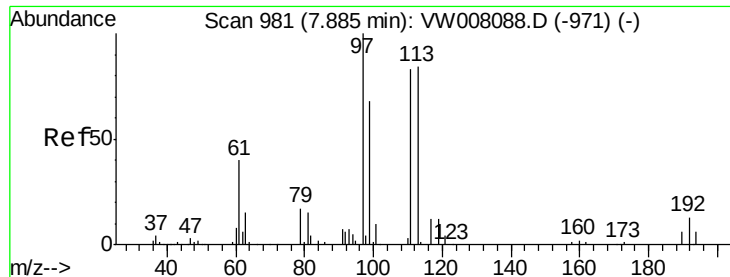
Tot Ion: 65 Resp: 42605
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008127.D
 Acq: 10 Jan 2019 03:38

Tgt Ion: 114 Resp: 128463
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.009 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008127.D

Acq: 10 Jan 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

SP-1-3RE

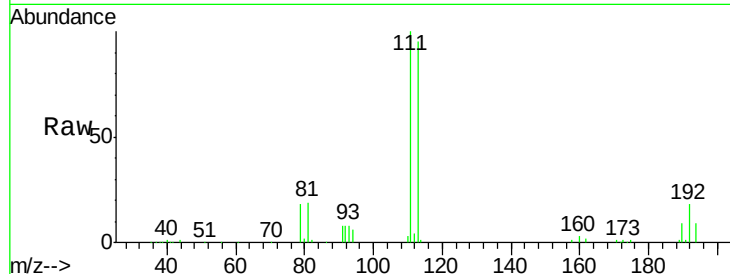
Tot Ion:113 Resp: 39717

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

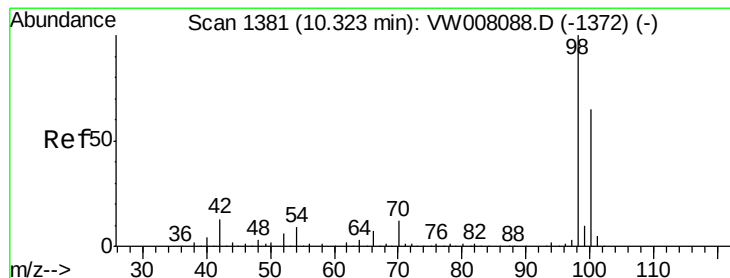
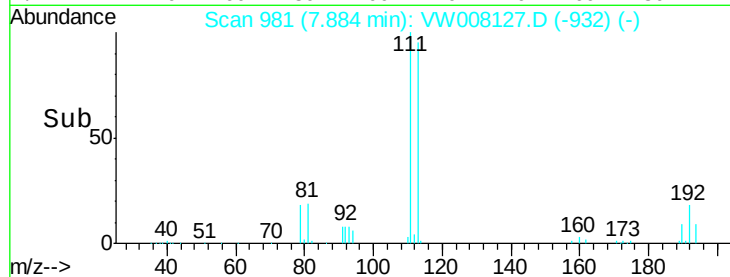
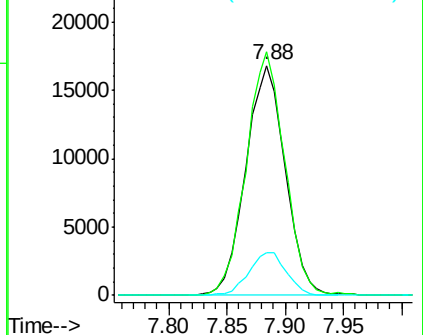
192 17.9 12.8 19.2



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: 51.832 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008127.D

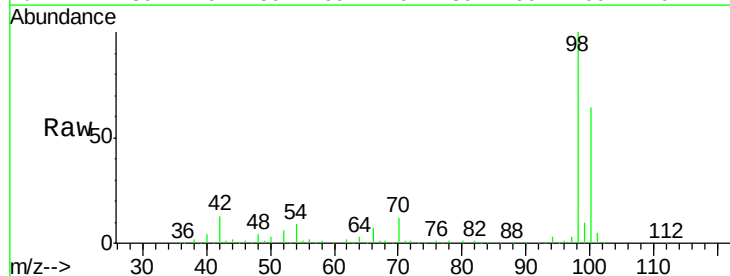
Acq: 10 Jan 2019 03:38

Tgt Ion: 98 Resp: 162966

Ion Ratio Lower Upper

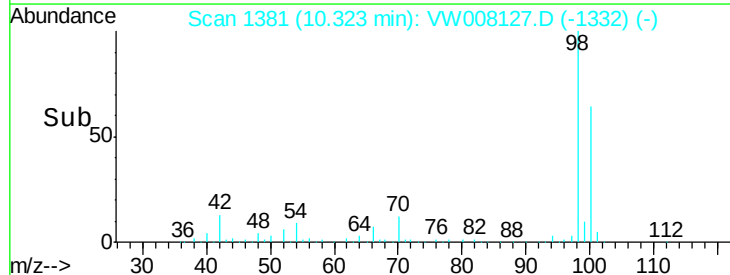
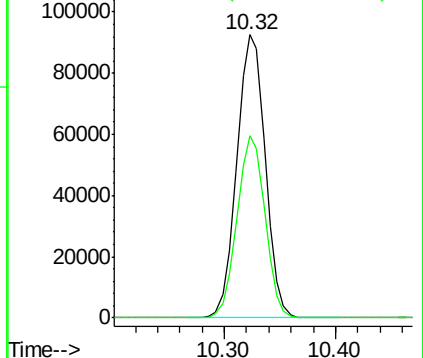
98 100

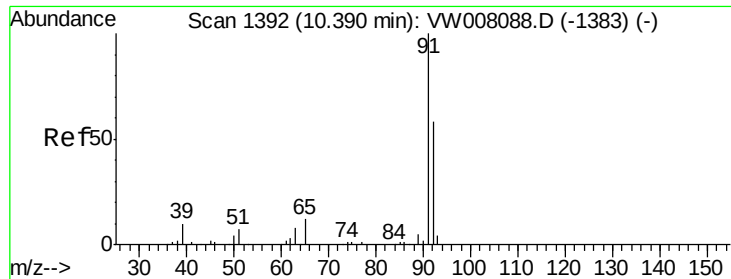
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 17.374 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008127.D

Acq: 10 Jan 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

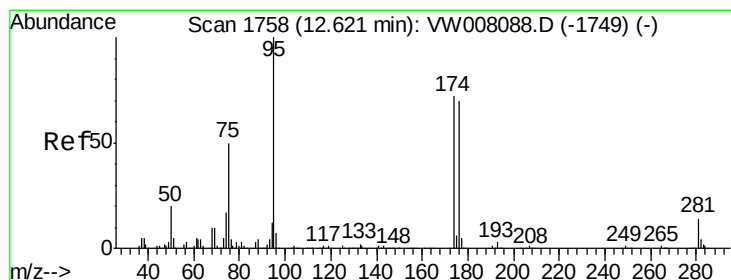
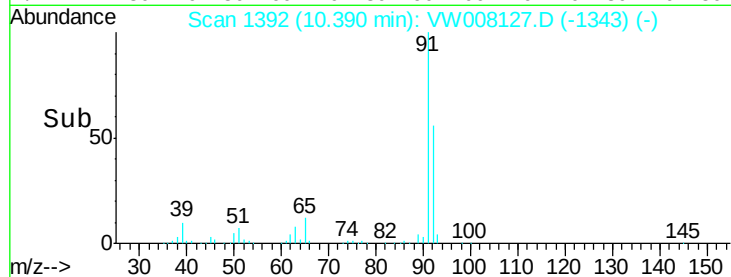
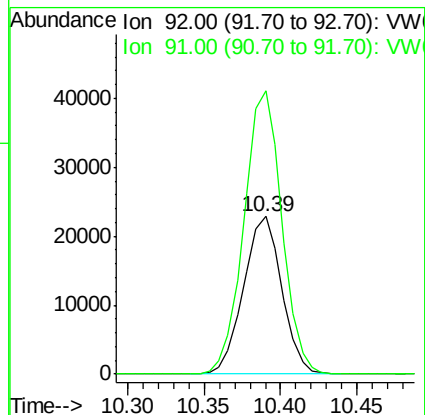
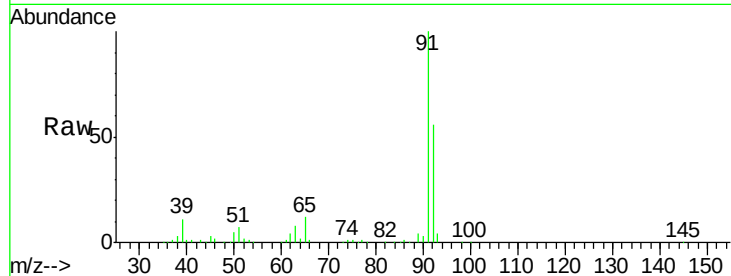
SP-1-3RE

Tot Ion: 92 Resp: 39825

Ion Ratio Lower Upper

92 100

91 177.5 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 47.973 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008127.D

Acq: 10 Jan 2019 03:38

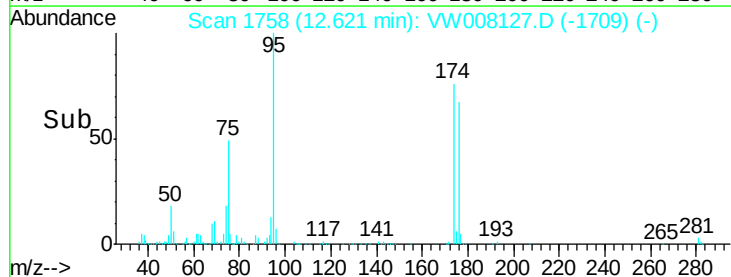
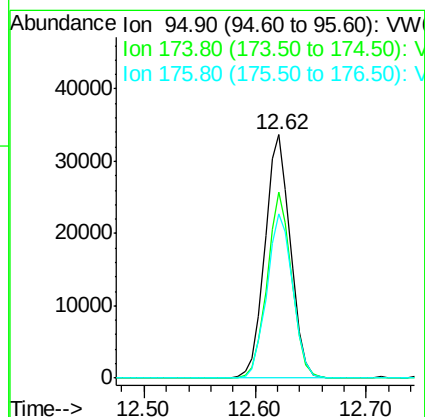
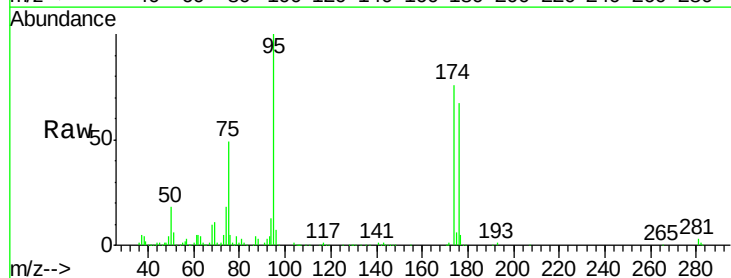
Tgt Ion: 95 Resp: 54073

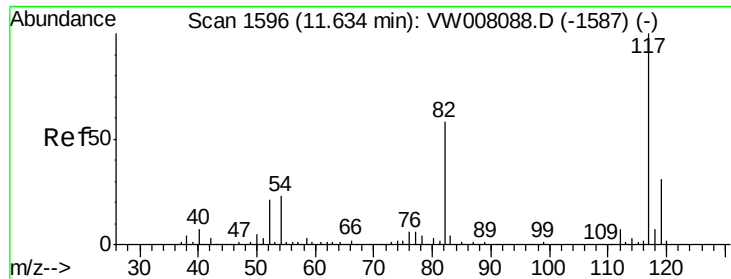
Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.0

176 68.1 0.0 140.2

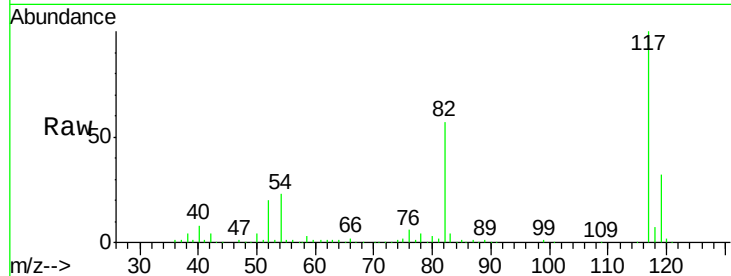




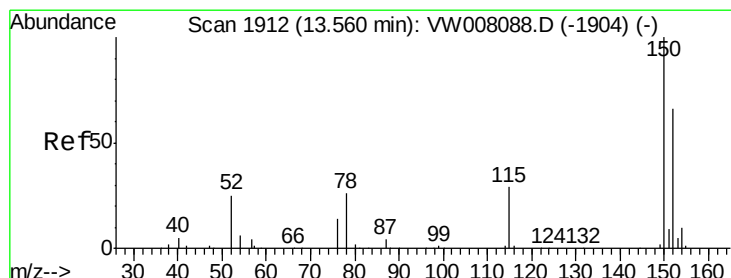
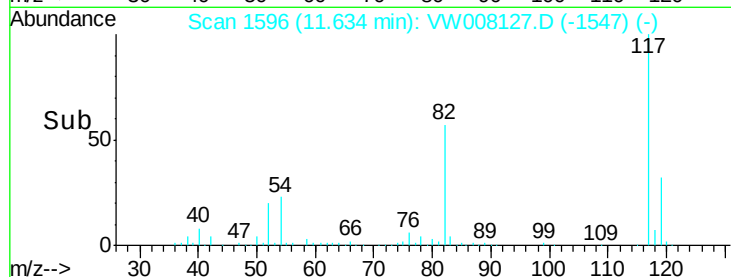
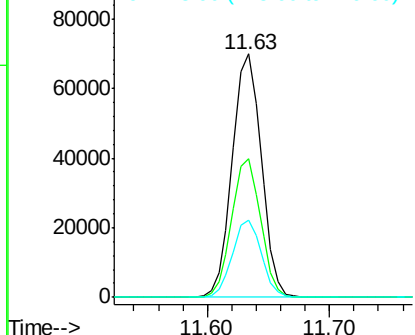
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008127.D
Acq: 10 Jan 2019 03:38

Instrument :
MSVOA_W
ClientSampleId :
SP-1-3RE

Tot Ion:117 Resp: 115458
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 31.9 24.7 37.1

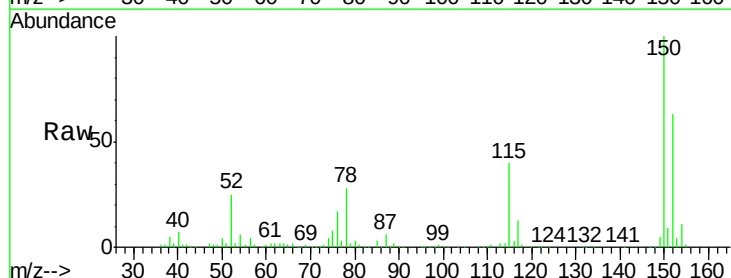


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008127.D
Acq: 10 Jan 2019 03:38

Tgt Ion:152 Resp: 49964
Ion Ratio Lower Upper
152 100
115 62.7 30.8 92.4
150 158.5 0.0 350.2



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

