

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004150.D
 Acq On : 23 Jul 2018 20:49
 Operator : SY/AP
 Sample : J4026-08
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0492-180716

Quant Time: Jul 24 05:52:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	162260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	272860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103357	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	77635	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	
35) Dibromofluoromethane	7.88	113	66061	37.73	ug/l	0.00
Spiked Amount			Recovery	=	75.46%	
50) Toluene-d8	10.33	98	210504	30.99	ug/l	0.00
Spiked Amount			Recovery	=	61.98%	
62) 4-Bromofluorobenzene	12.62	95	71610	29.23	ug/l	0.00
Spiked Amount			Recovery	=	58.46%	

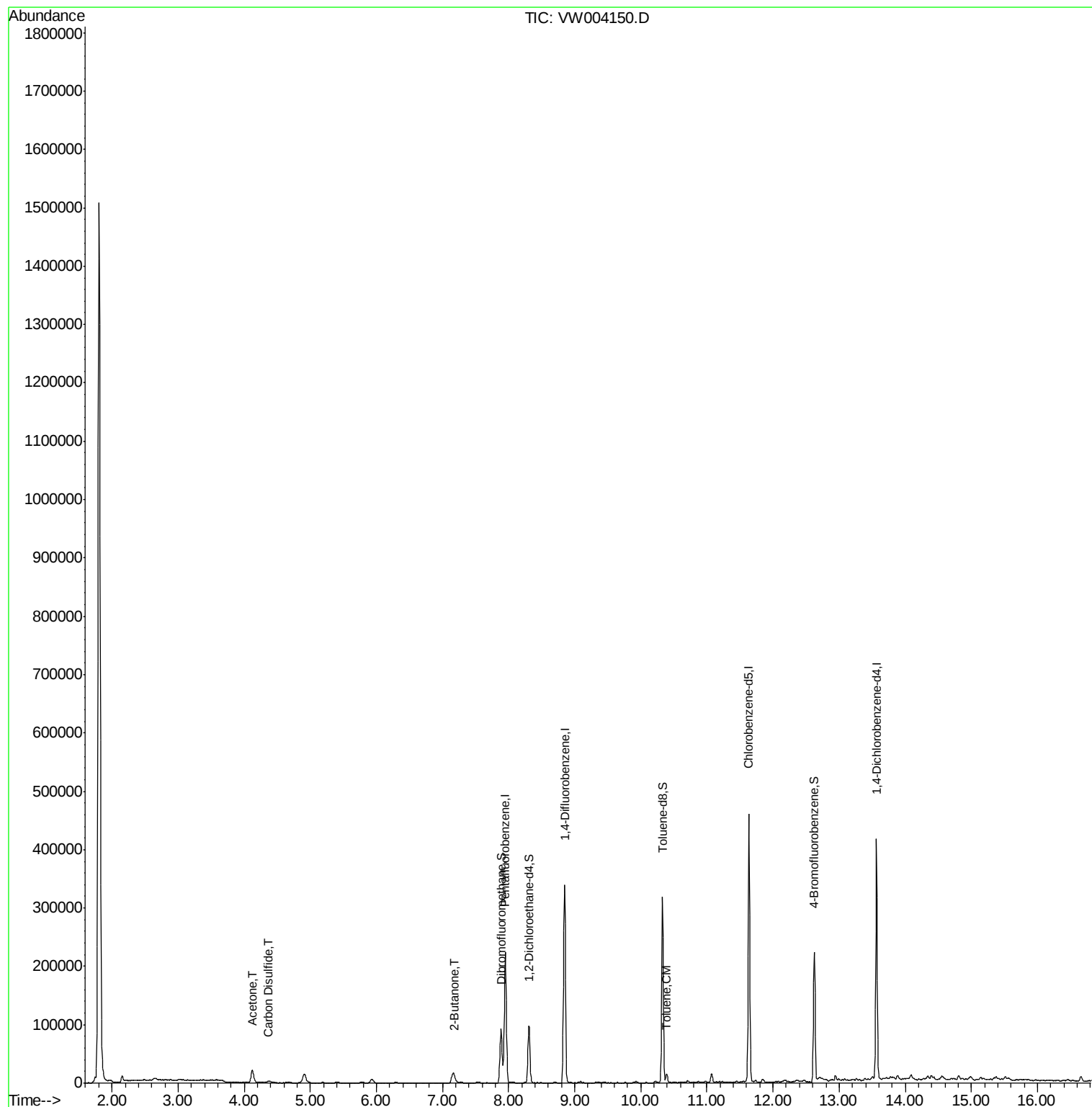
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	38754	88.92	ug/l	98
17) Carbon Disulfide	4.37	76	5978	1.21	ug/l	99
25) 2-Butanone	7.18	43	12481	21.28	ug/l	98
52) Toluene	10.39	92	5926	1.23	ug/l	99

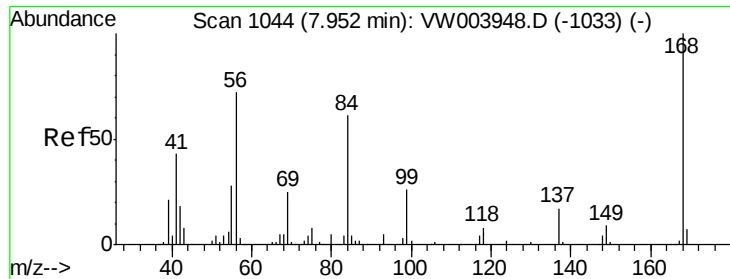
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004150.D
Acq On : 23 Jul 2018 20:49
Operator : SY/AP
Sample : J4026-08
Misc : 5.01G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DUP-0492-180716

Quant Time: Jul 24 05:52:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004150.D

Acq: 23 Jul 2018 20:49

Instrument :

MSVOA_W

ClientSampleId :

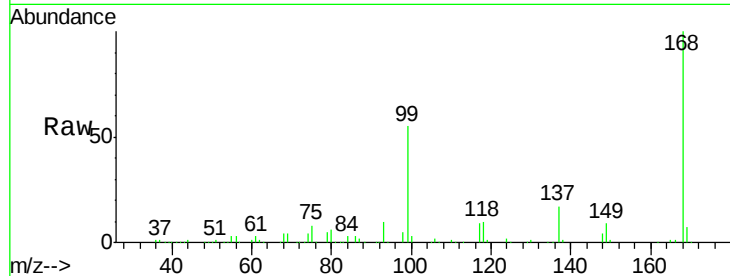
DUP-0492-180716

Tot Ion:168 Resp: 162260

Ion Ratio Lower Upper

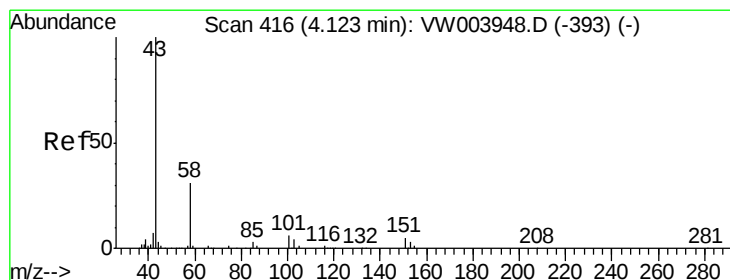
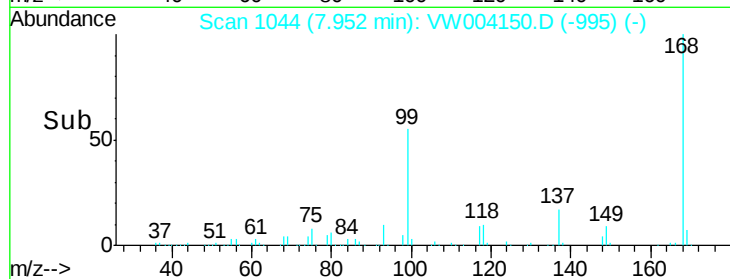
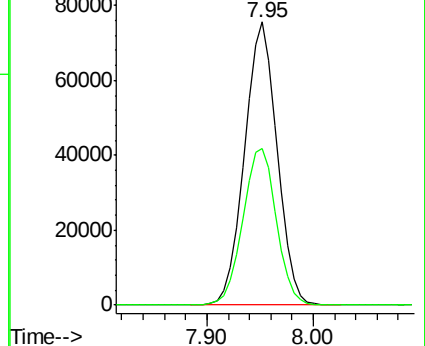
168 100

99 55.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 88.92 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004150.D

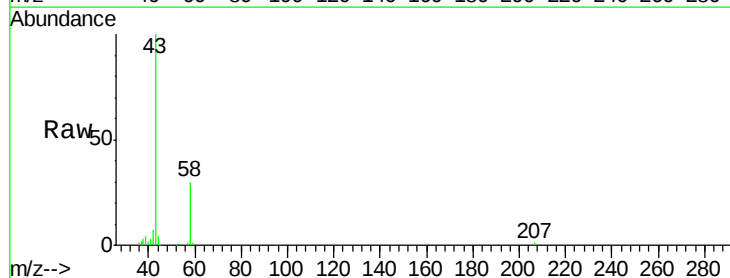
Acq: 23 Jul 2018 20:49

Tgt Ion: 43 Resp: 38754

Ion Ratio Lower Upper

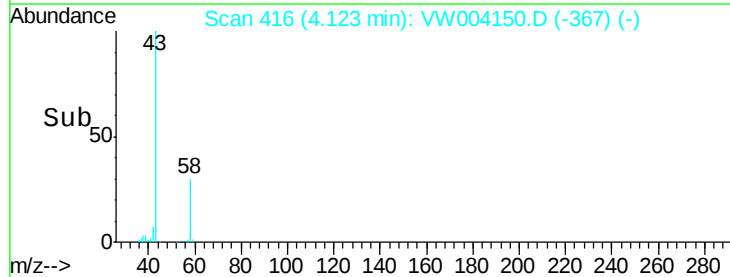
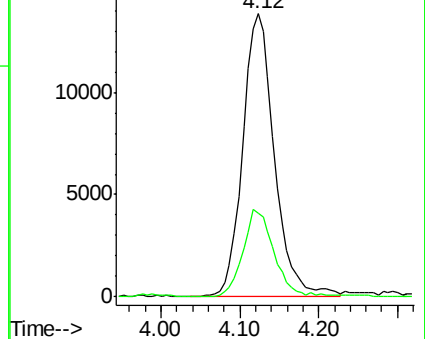
43 100

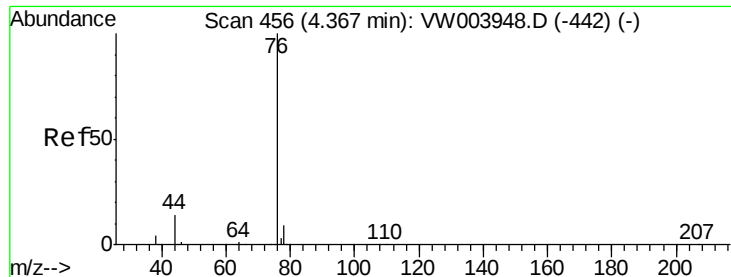
58 29.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.21 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004150.D

Acq: 23 Jul 2018 20:49

Instrument :

MSVOA_W

ClientSampleId :

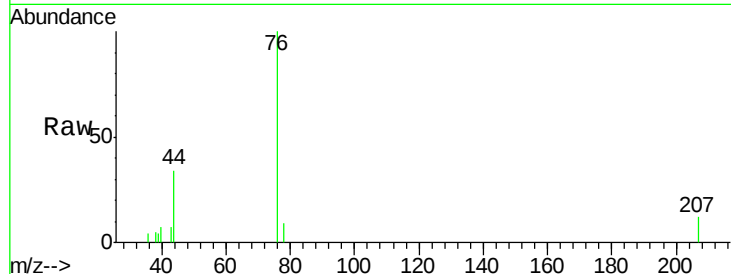
DUP-0492-180716

Tot Ion: 76 Resp: 5978

Ion Ratio Lower Upper

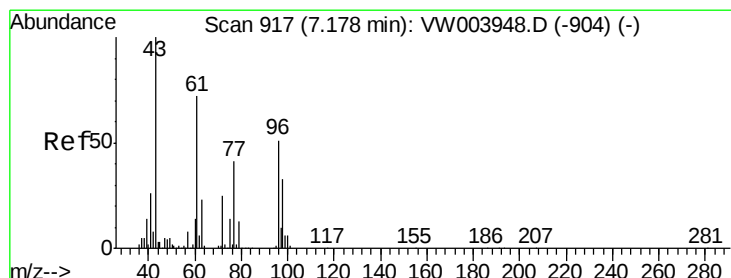
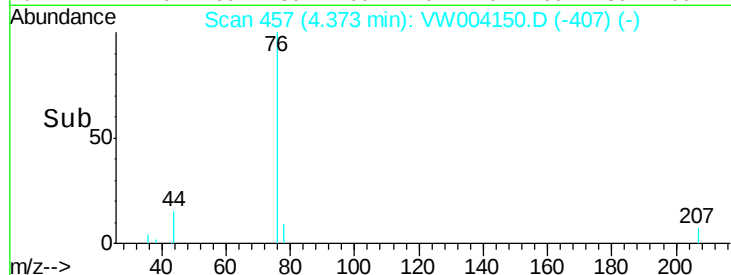
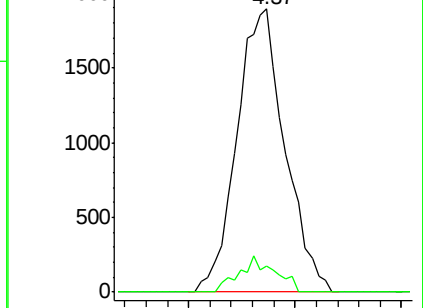
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 21.28 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004150.D

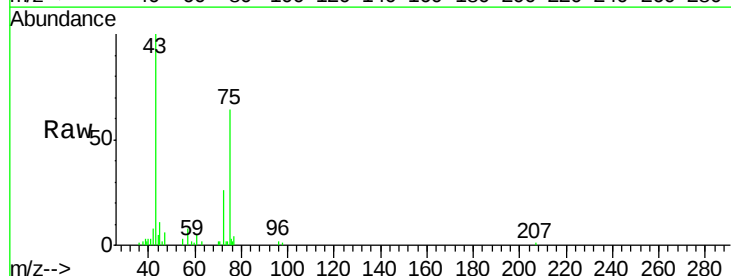
Acq: 23 Jul 2018 20:49

Tgt Ion: 43 Resp: 12481

Ion Ratio Lower Upper

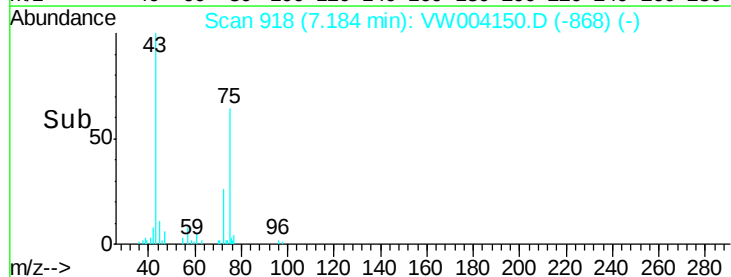
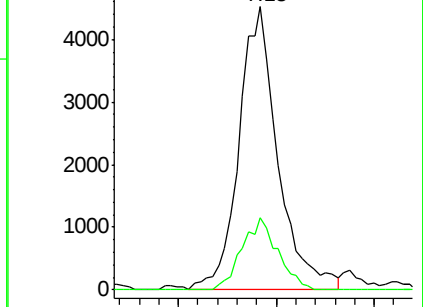
43 100

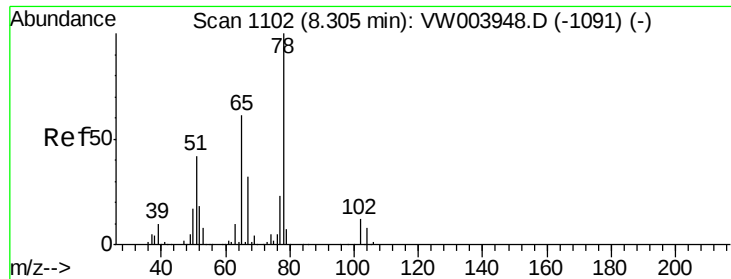
72 25.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 42.80 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW004150.D

Acq: 23 Jul 2018 20:49

Instrument :

MSVOA_W

ClientSampleId :

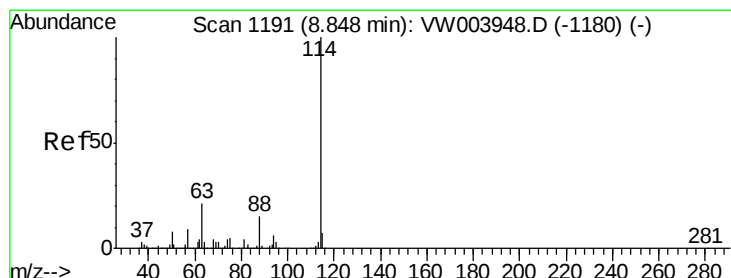
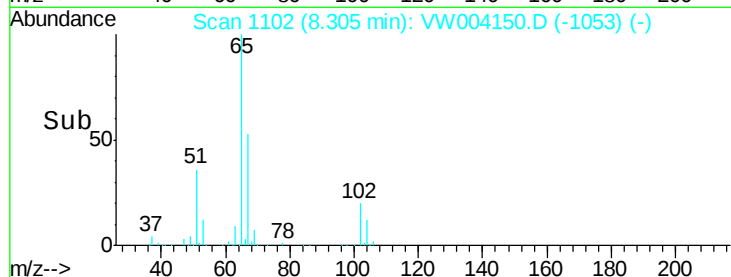
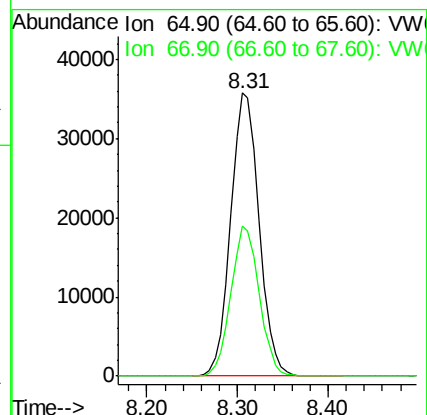
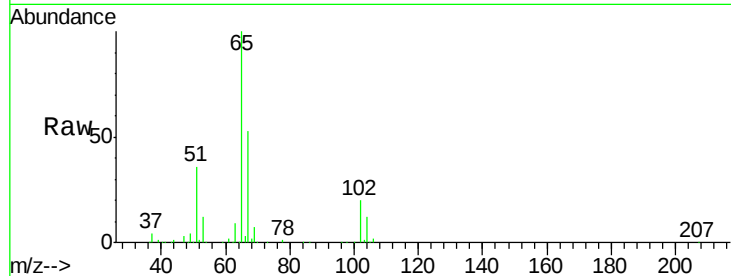
DUP-0492-180716

Tot Ion: 65 Resp: 77635

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004150.D

Acq: 23 Jul 2018 20:49

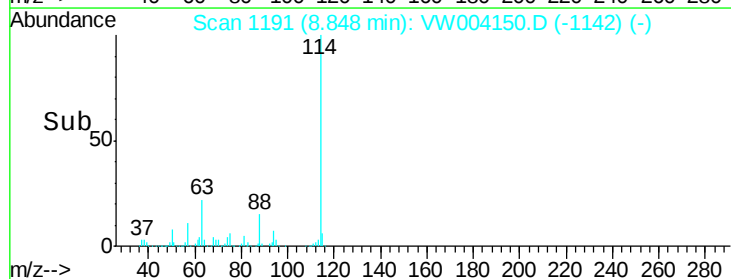
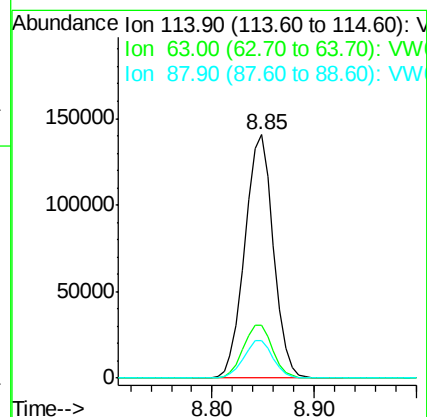
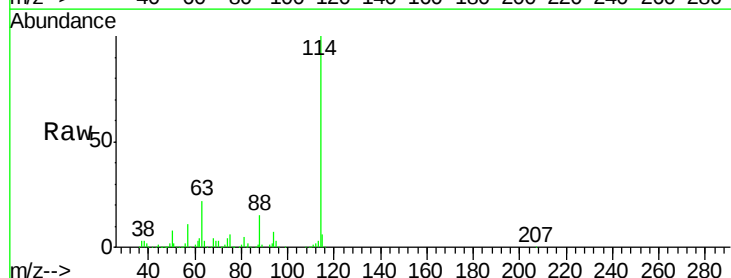
Tgt Ion: 114 Resp: 272860

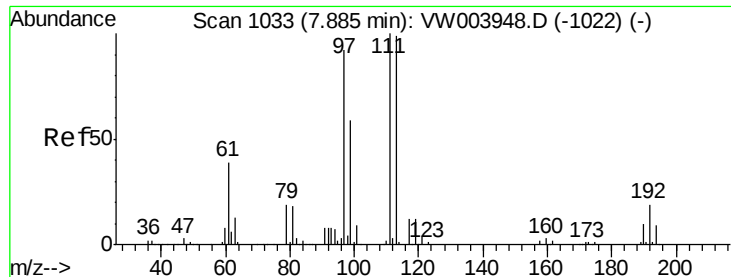
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.8

88 15.2 0.0 30.4

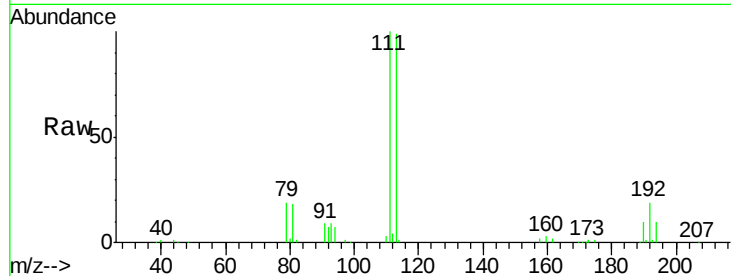




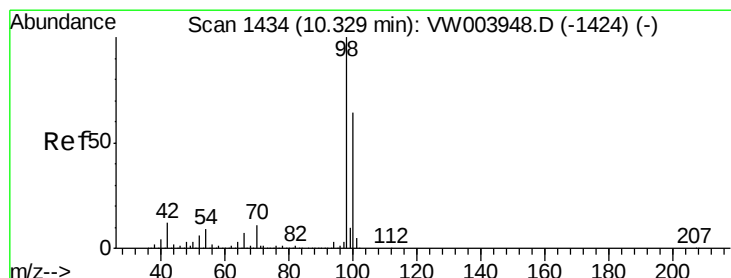
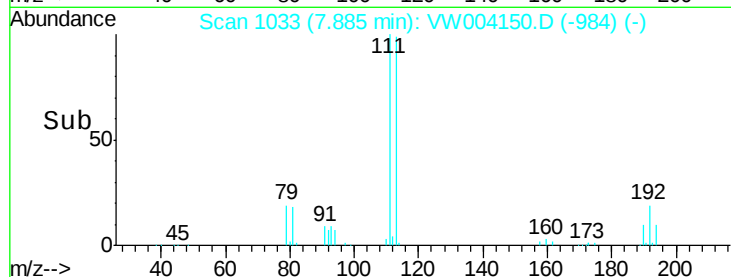
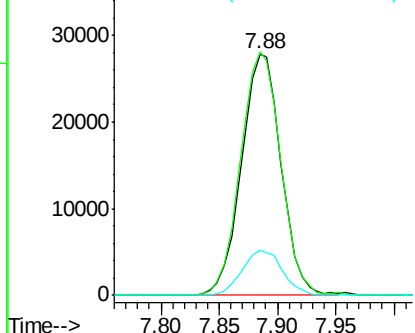
#35
 Dibromofluoromethane
 Concen: 37.73 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004150.D
 Acq: 23 Jul 2018 20:49

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0492-180716

Tot Ion:113 Resp: 66061
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.3 121.9
 192 19.1 15.8 23.6

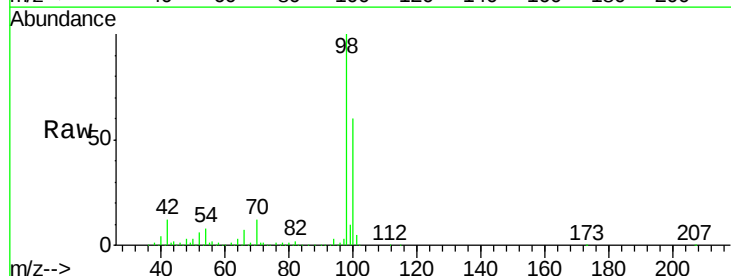


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

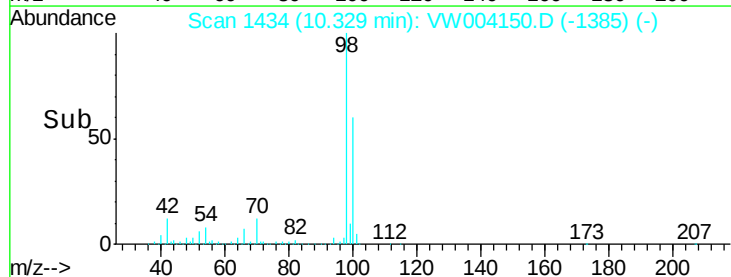
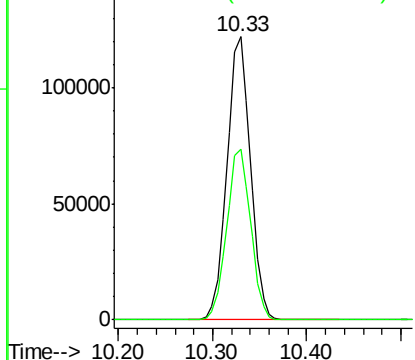


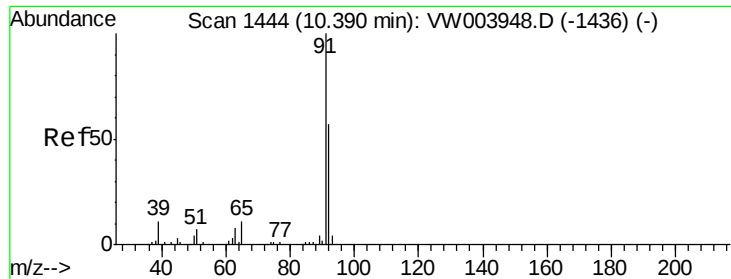
#50
 Toluene-d8
 Concen: 30.99 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004150.D
 Acq: 23 Jul 2018 20:49

Tgt Ion: 98 Resp: 210504
 Ion Ratio Lower Upper
 98 100
 100 61.7 51.2 76.8



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





#52

Toluene

Concen: 1.23 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004150.D

Acq: 23 Jul 2018 20:49

Instrument :

MSVOA_W

ClientSampleId :

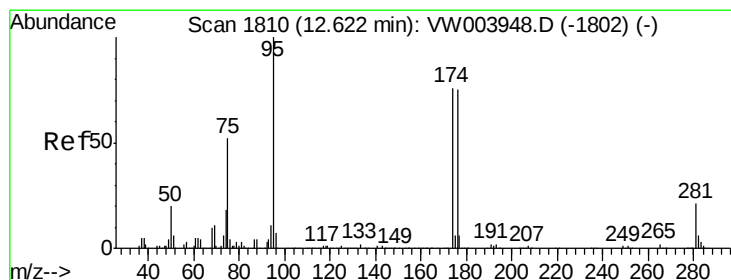
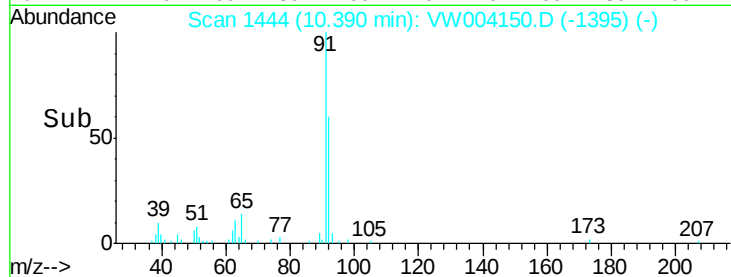
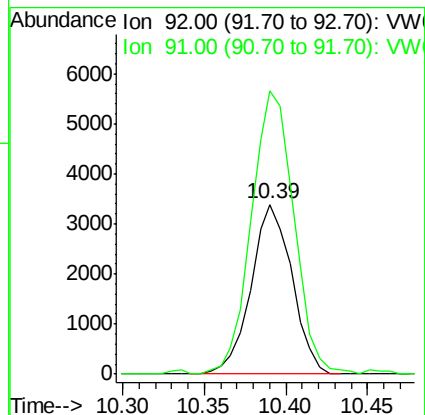
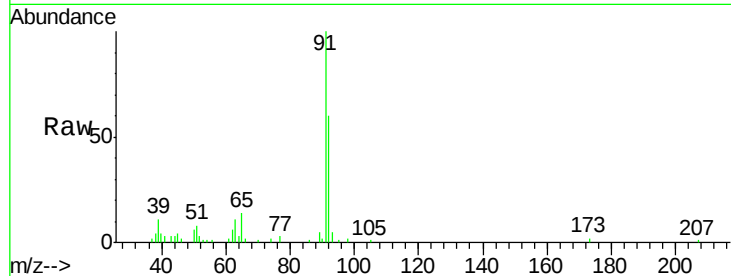
DUP-0492-180716

Tot Ion: 92 Resp: 5926

Ion Ratio Lower Upper

92 100

91 173.5 139.6 209.4



#62

4-Bromofluorobenzene

Concen: 29.23 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004150.D

Acq: 23 Jul 2018 20:49

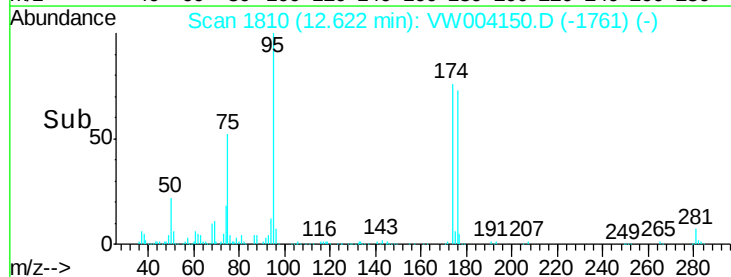
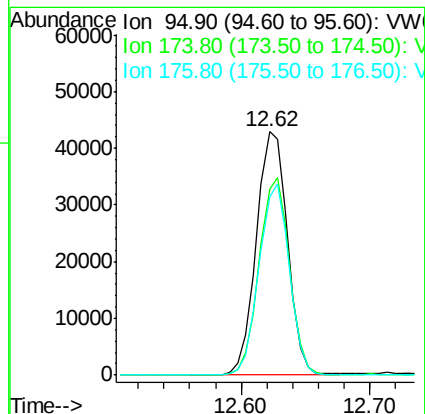
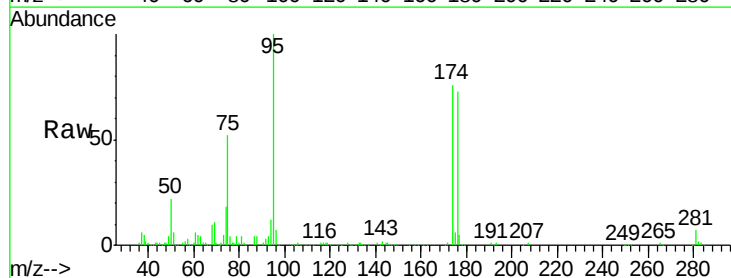
Tgt Ion: 95 Resp: 71610

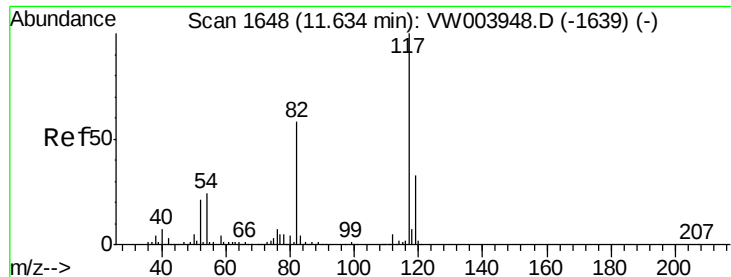
Ion Ratio Lower Upper

95 100

174 78.9 0.0 160.2

176 76.2 0.0 155.8

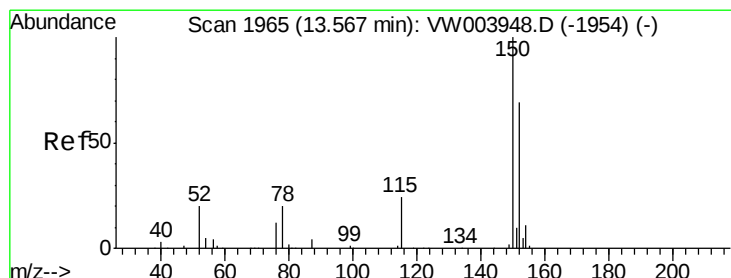
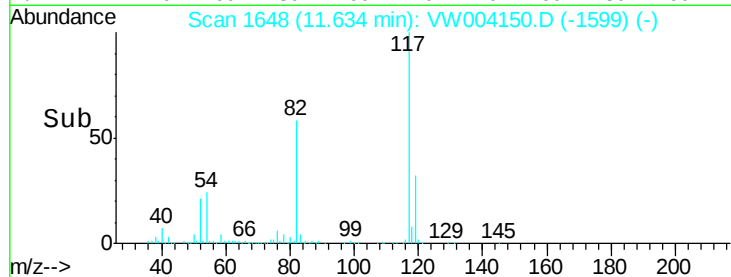
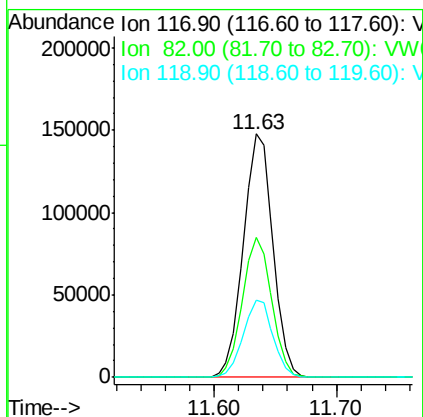
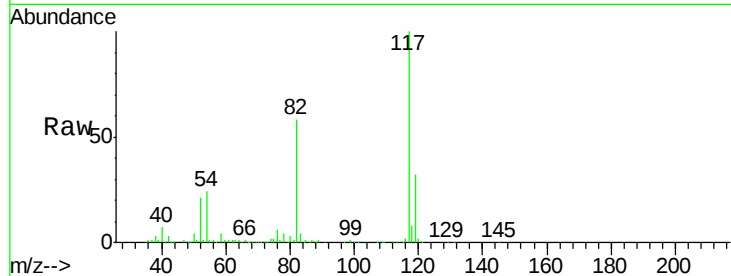




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004150.D
Acq: 23 Jul 2018 20:49

Instrument :
MSVOA_W
ClientSampleId :
DUP-0492-180716

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.5	69.7
119	31.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004150.D
Acq: 23 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.2	87.6
150	157.5	0.0	345.2

