

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007080.D
 Acq On : 27 Nov 2018 10:38
 Operator : VAY/AP
 Sample : J5774-05
 Misc : 5.72/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-112118-A

Quant Time: Nov 27 12:39:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

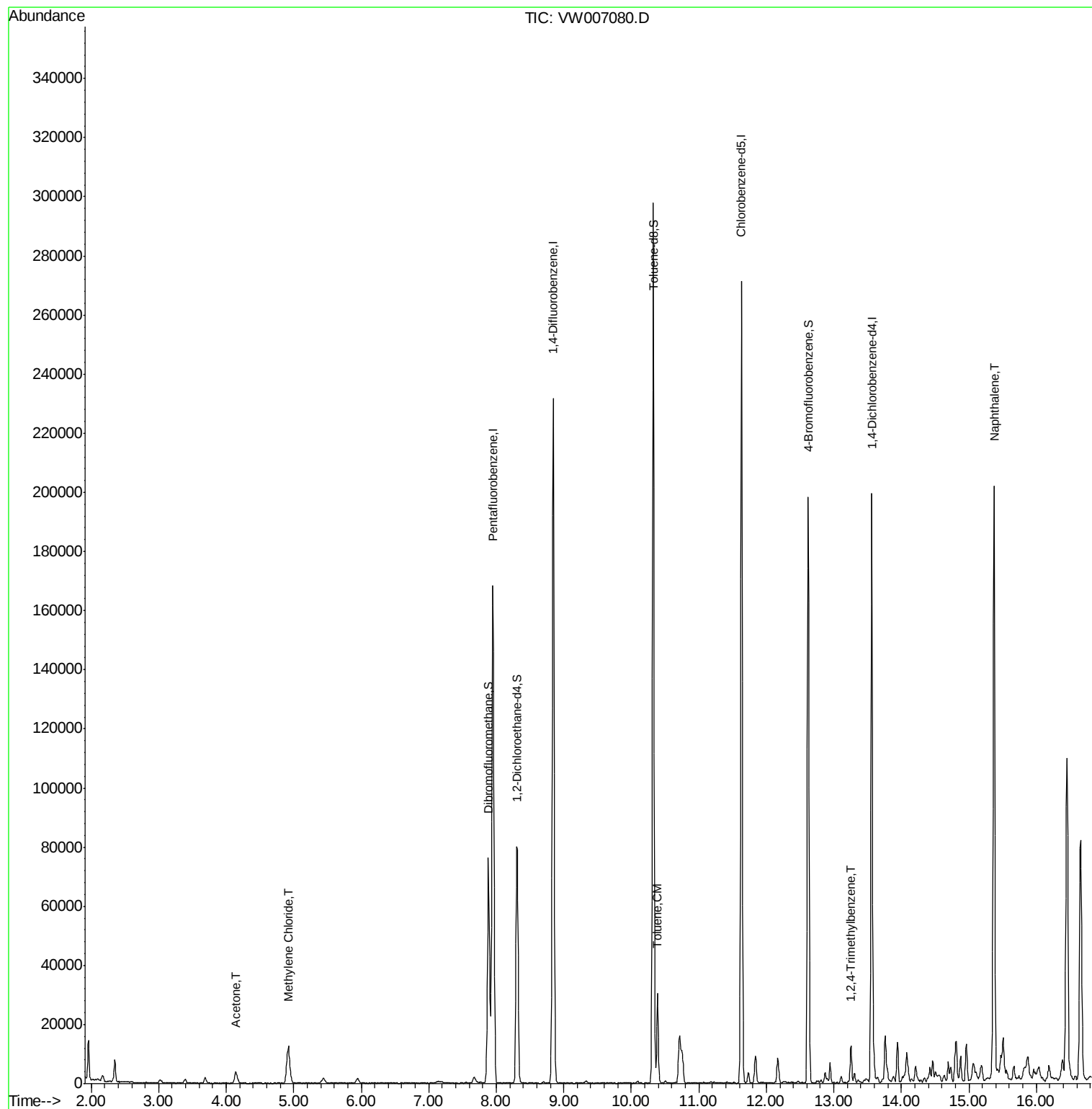
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	200873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64224	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.88	113	54482	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.32	98	201899	40.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.60%	
62) 4-Bromofluorobenzene	12.62	95	66743	33.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.72%	
Target Compounds						
16) Acetone	4.14	43	7287	41.13	ug/l	92
20) Methylene Chloride	4.92	84	10033	1.91	ug/l	94
52) Toluene	10.39	92	12639	3.50	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	7476	2.14	ug/l	97
95) Naphthalene	15.38	128	179435	96.40	ug/l	100

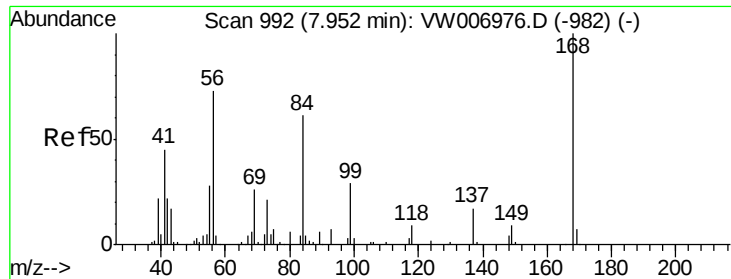
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007080.D
Acq On : 27 Nov 2018 10:38
Operator : VAY/AP
Sample : J5774-05
Misc : 5.72/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-112118-A

Quant Time: Nov 27 12:39:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007080.D

Acq: 27 Nov 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

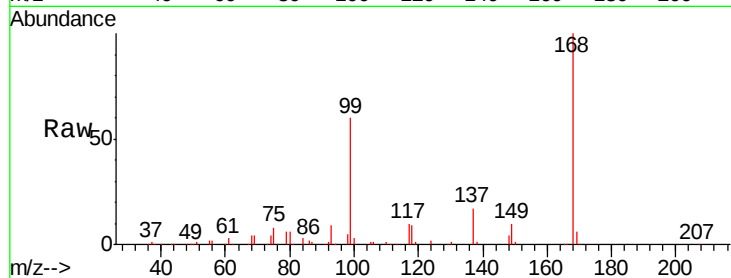
SU-03-112118-A

Tgt Ion:168 Resp: 124652

Ion Ratio Lower Upper

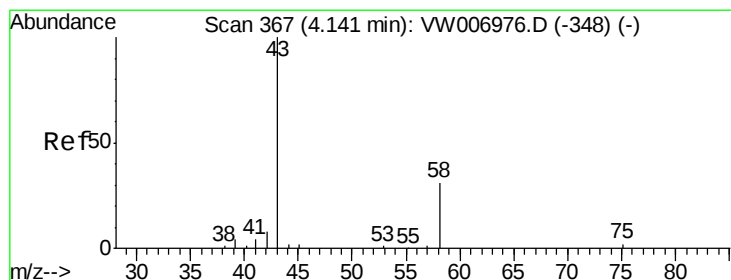
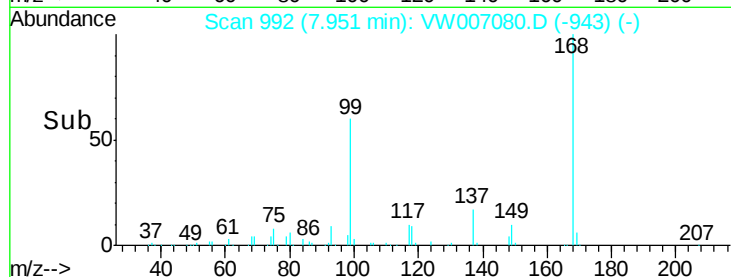
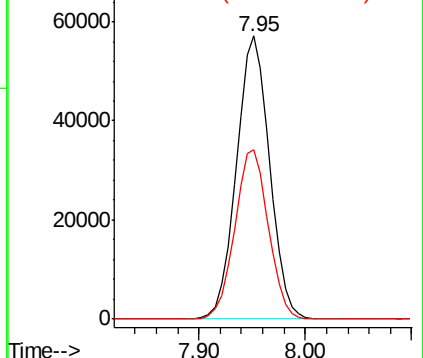
168 100

99 60.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 41.13 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007080.D

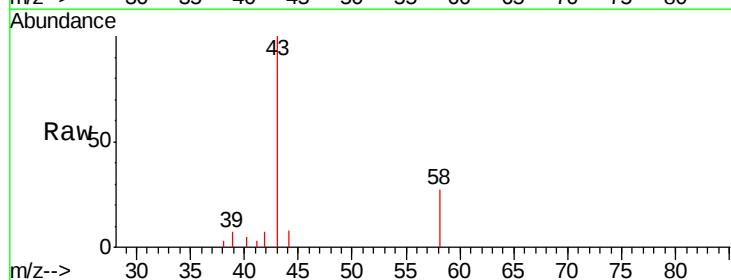
Acq: 27 Nov 2018 10:38

Tgt Ion: 43 Resp: 7287

Ion Ratio Lower Upper

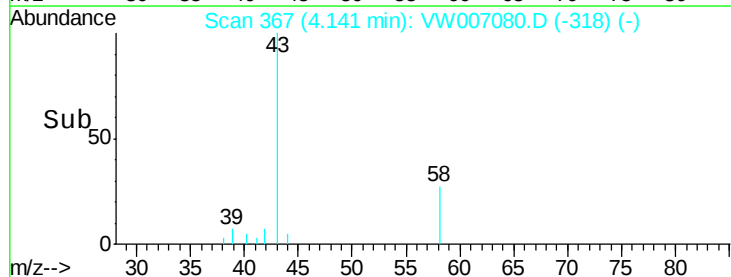
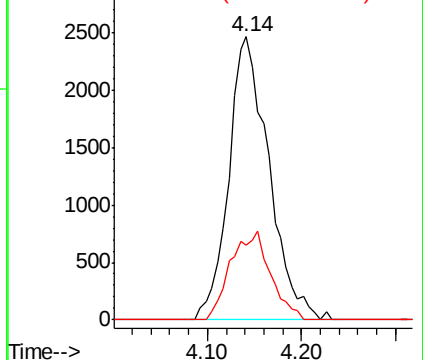
43 100

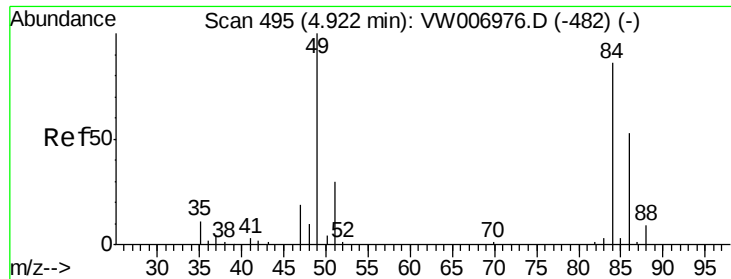
58 26.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.91 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007080.D

Acq: 27 Nov 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

SU-03-112118-A

Tgt Ion: 84 Resp: 10033

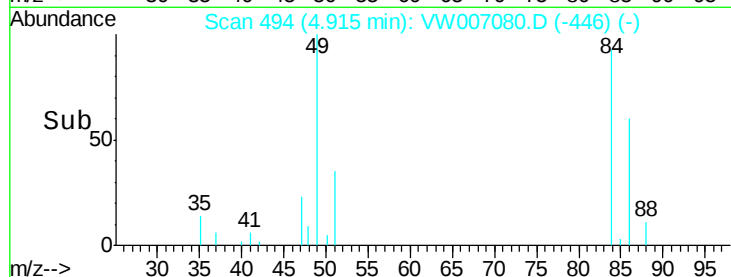
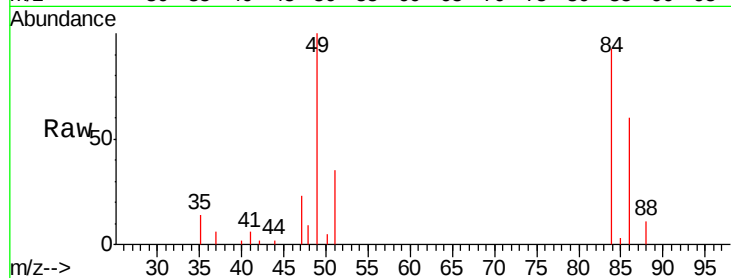
Ion Ratio Lower Upper

84 100

49 108.1 93.4 140.0

51 38.4 28.4 42.6

86 64.7 49.8 74.8

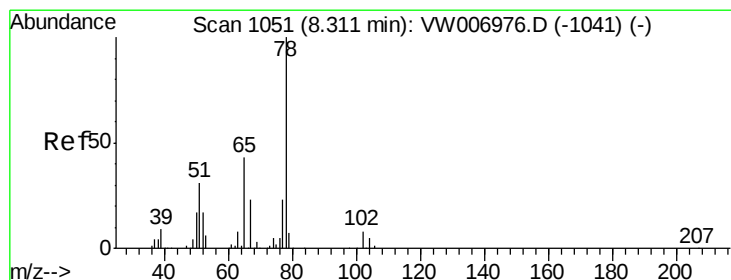
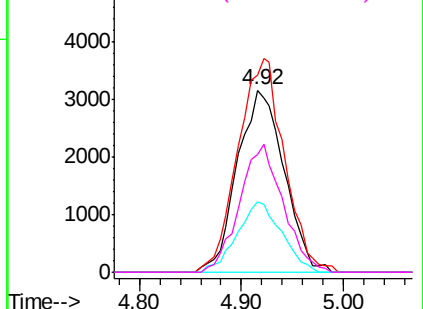


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 52.63 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007080.D

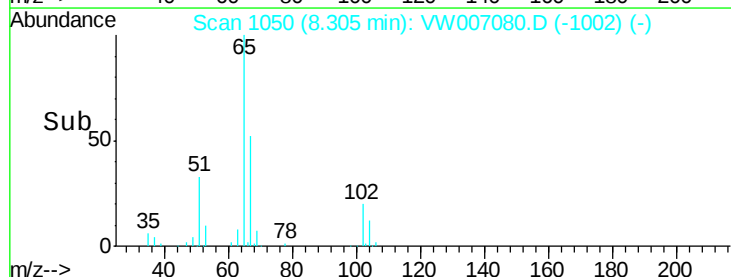
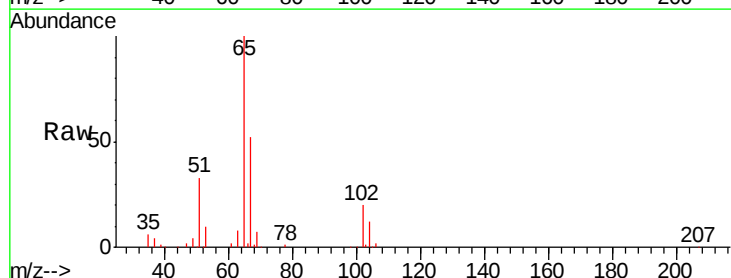
Acq: 27 Nov 2018 10:38

Tgt Ion: 65 Resp: 64224

Ion Ratio Lower Upper

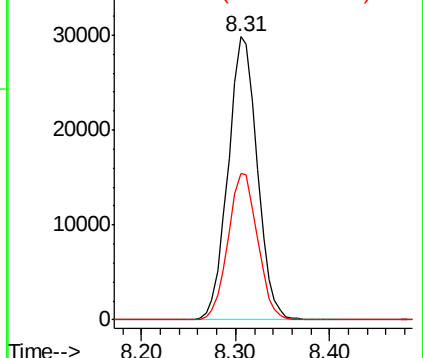
65 100

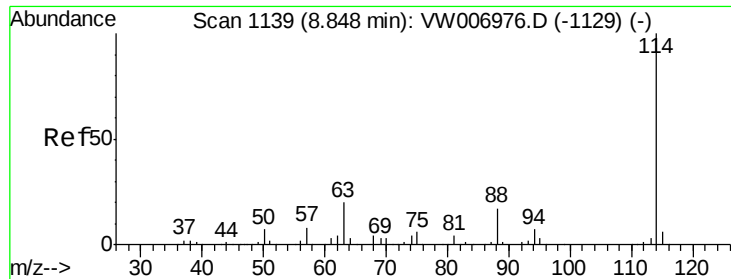
67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

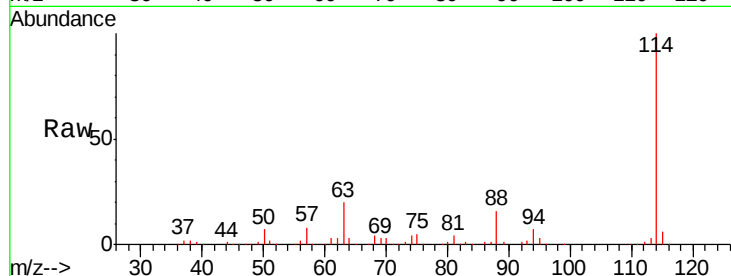




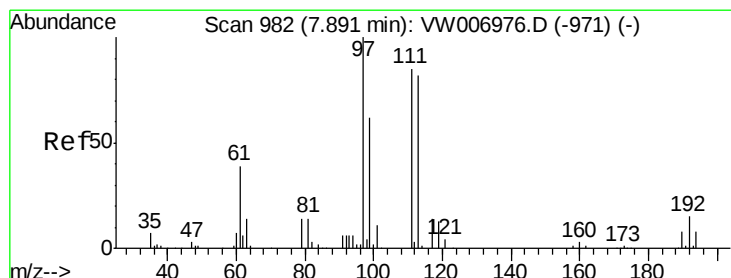
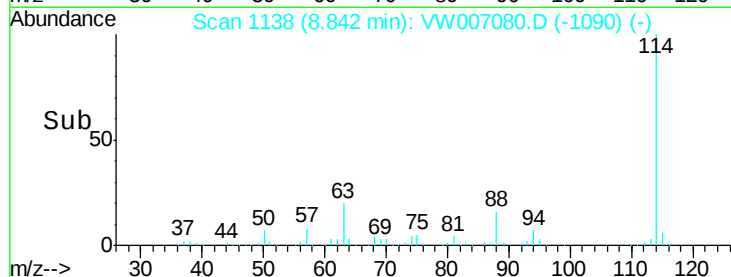
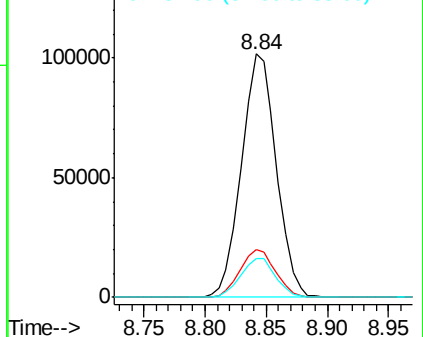
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW007080.D
Acq: 27 Nov 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
SU-03-112118-A

Tgt Ion:114 Resp: 200873
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.4
88 15.7 0.0 34.2

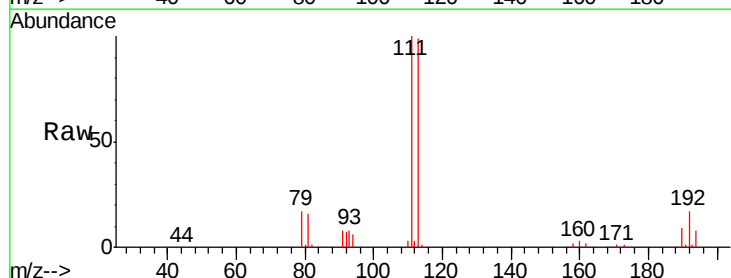


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

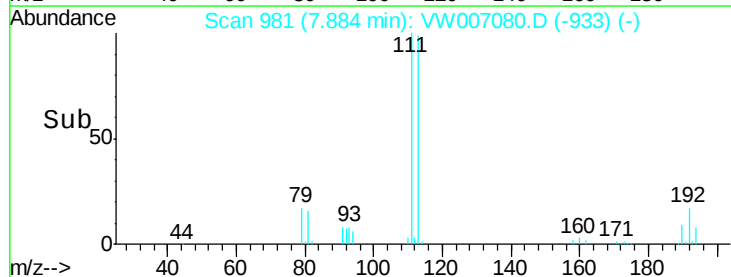
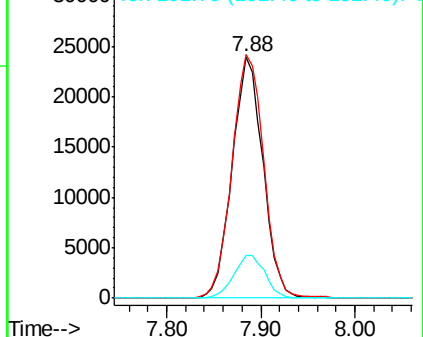


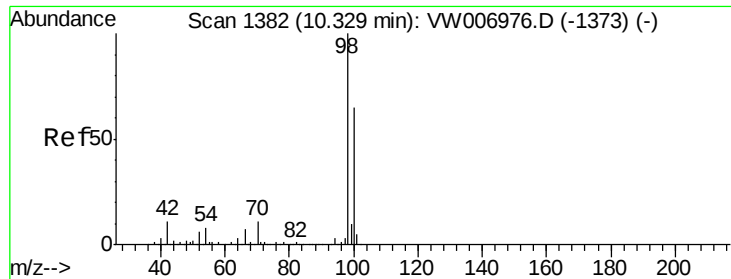
#35
Dibromofluoromethane
Concen: 48.03 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007080.D
Acq: 27 Nov 2018 10:38

Tgt Ion:113 Resp: 54482
Ion Ratio Lower Upper
113 100
111 104.2 81.0 121.6
192 18.0 15.0 22.6



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: 40.30 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007080.D

Acq: 27 Nov 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

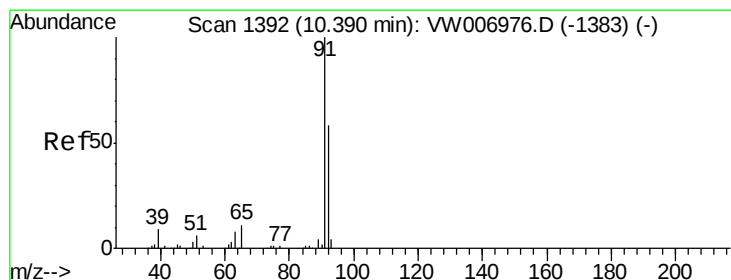
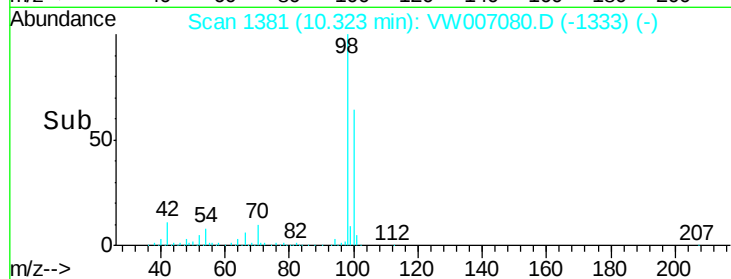
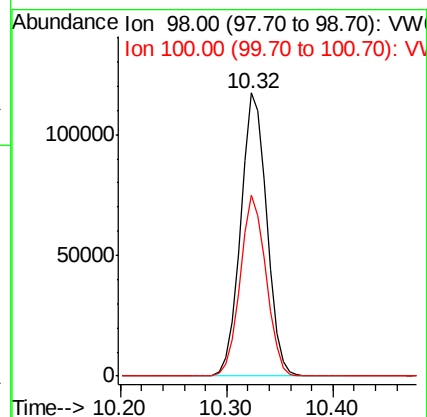
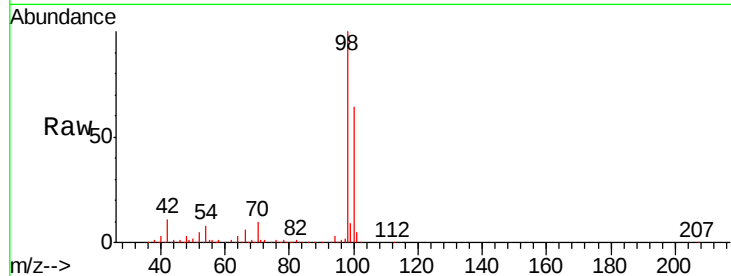
SU-03-112118-A

Tgt Ion: 98 Resp: 201899

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.2



#52

Toluene

Concen: 3.50 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007080.D

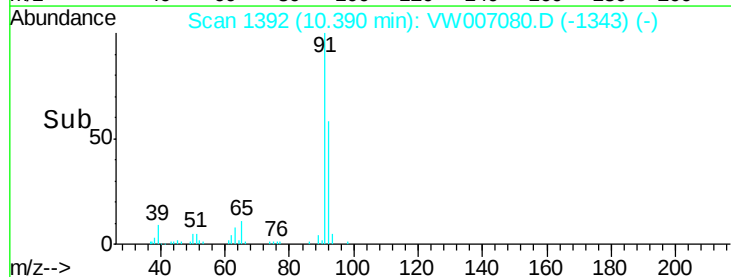
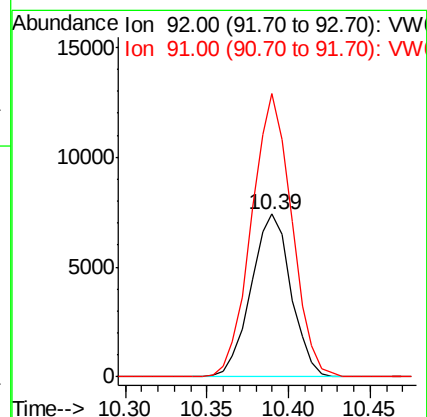
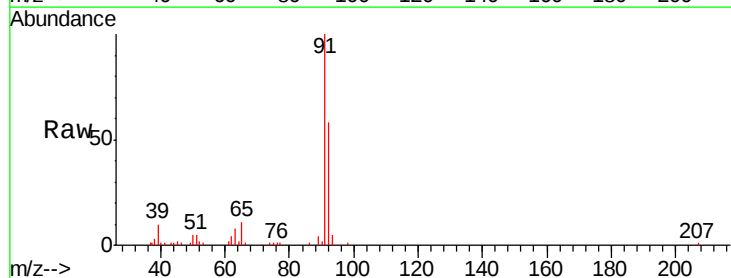
Acq: 27 Nov 2018 10:38

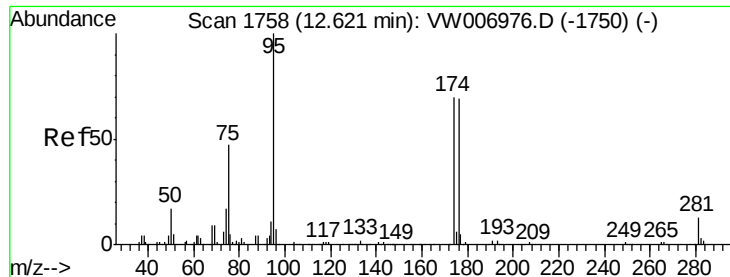
Tgt Ion: 92 Resp: 12639

Ion Ratio Lower Upper

92 100

91 175.4 137.3 205.9

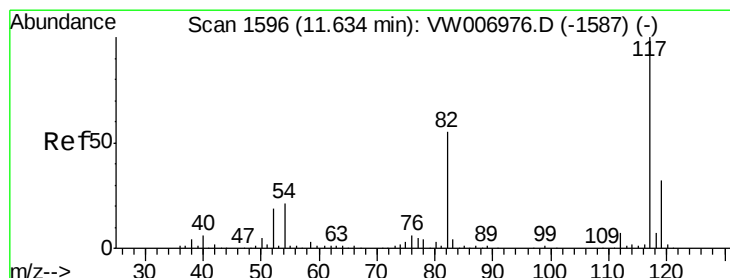
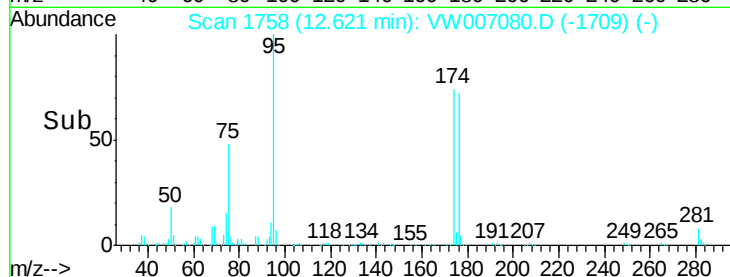
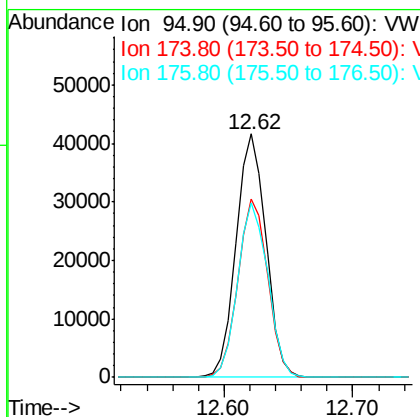
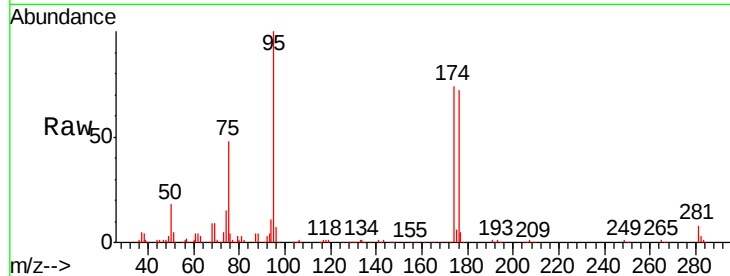




#62
4-Bromofluorobenzene
Concen: 33.86 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007080.D
Acq: 27 Nov 2018 10:38

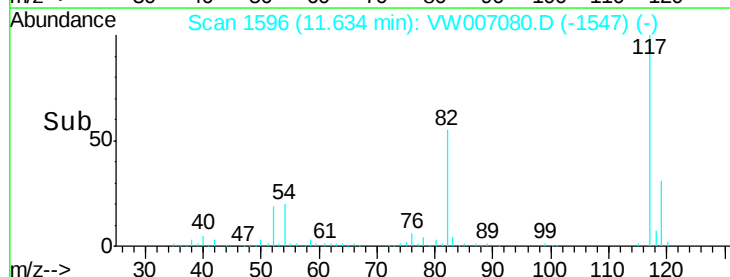
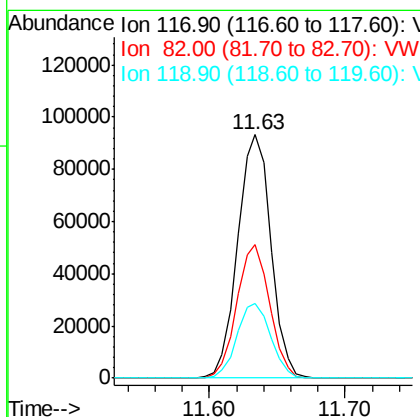
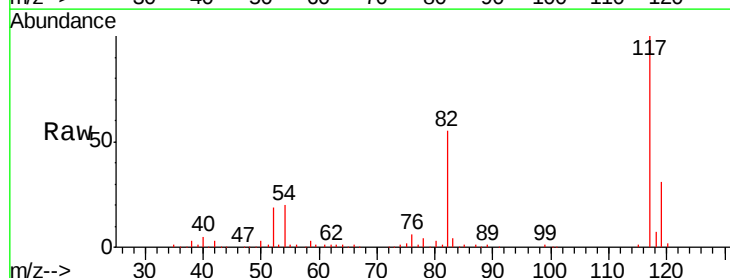
Instrument :
MSVOA_W
ClientSampleId :
SU-03-112118-A

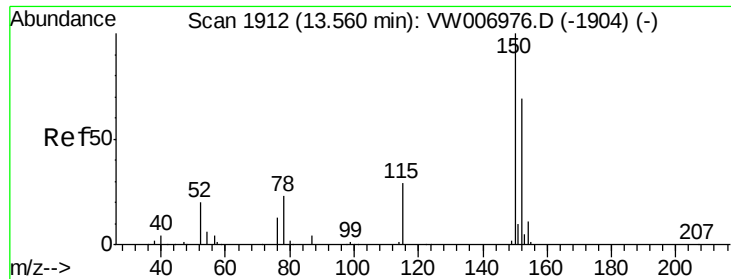
Tgt Ion: 95 Resp: 66743
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.6
176 72.2 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007080.D
Acq: 27 Nov 2018 10:38

Tgt Ion: 117 Resp: 158692
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 30.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007080.D

Acq: 27 Nov 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

SU-03-112118-A

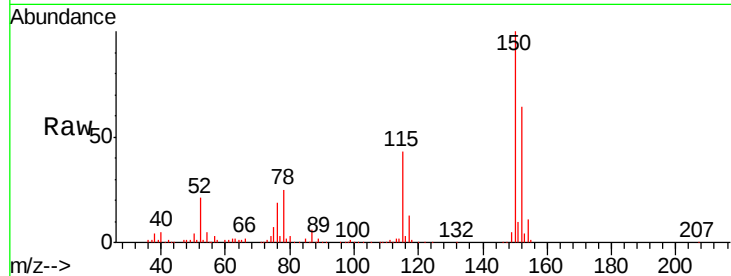
Tgt Ion:152 Resp: 52075

Ion Ratio Lower Upper

152 100

115 64.2 31.4 94.2

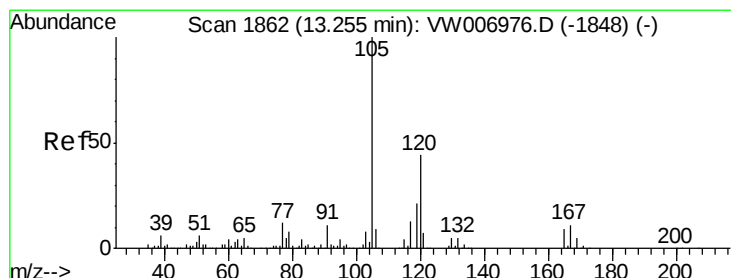
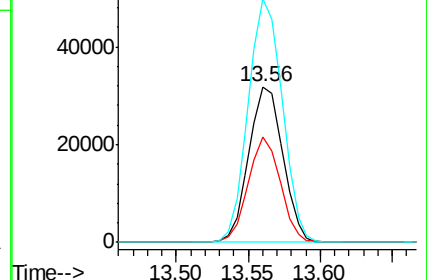
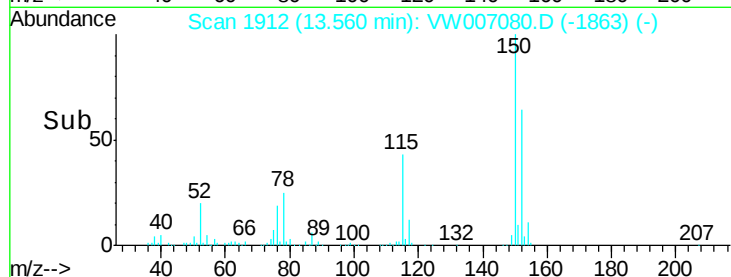
150 157.0 0.0 353.4



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



#84

1,2,4-Trimethylbenzene

Concen: 2.14 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW007080.D

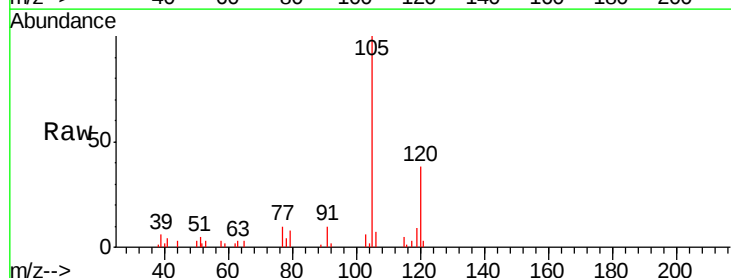
Acq: 27 Nov 2018 10:38

Tgt Ion:105 Resp: 7476

Ion Ratio Lower Upper

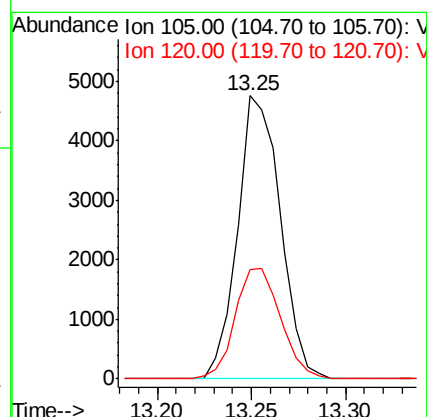
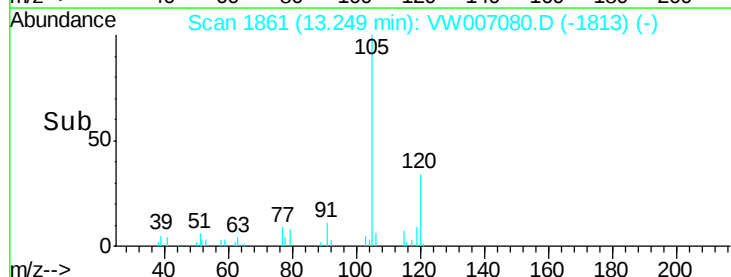
105 100

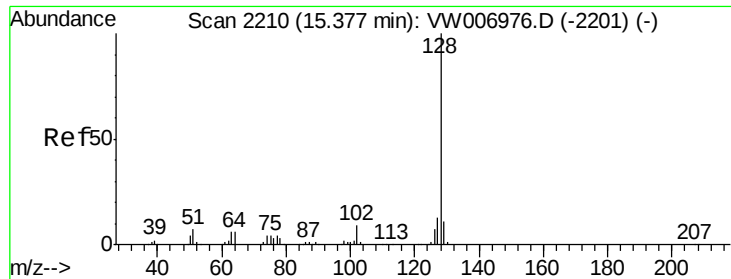
120 41.6 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

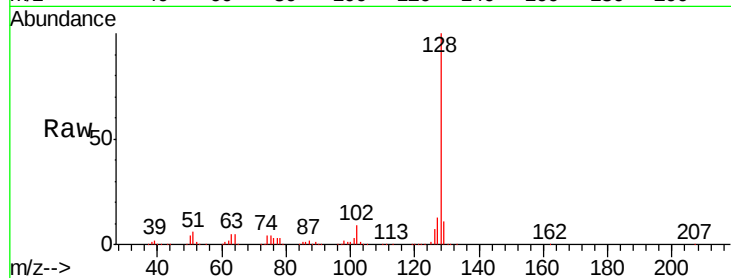




#95
Naphthalene
Concen: 96.40 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007080.D
Acq: 27 Nov 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
SU-03-112118-A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

