

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007673.D
 Acq On : 18 Dec 2018 21:38
 Operator : SY/AP
 Sample : J6362-04
 Misc : 4.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P-4

Quant Time: Dec 19 05:40:16 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

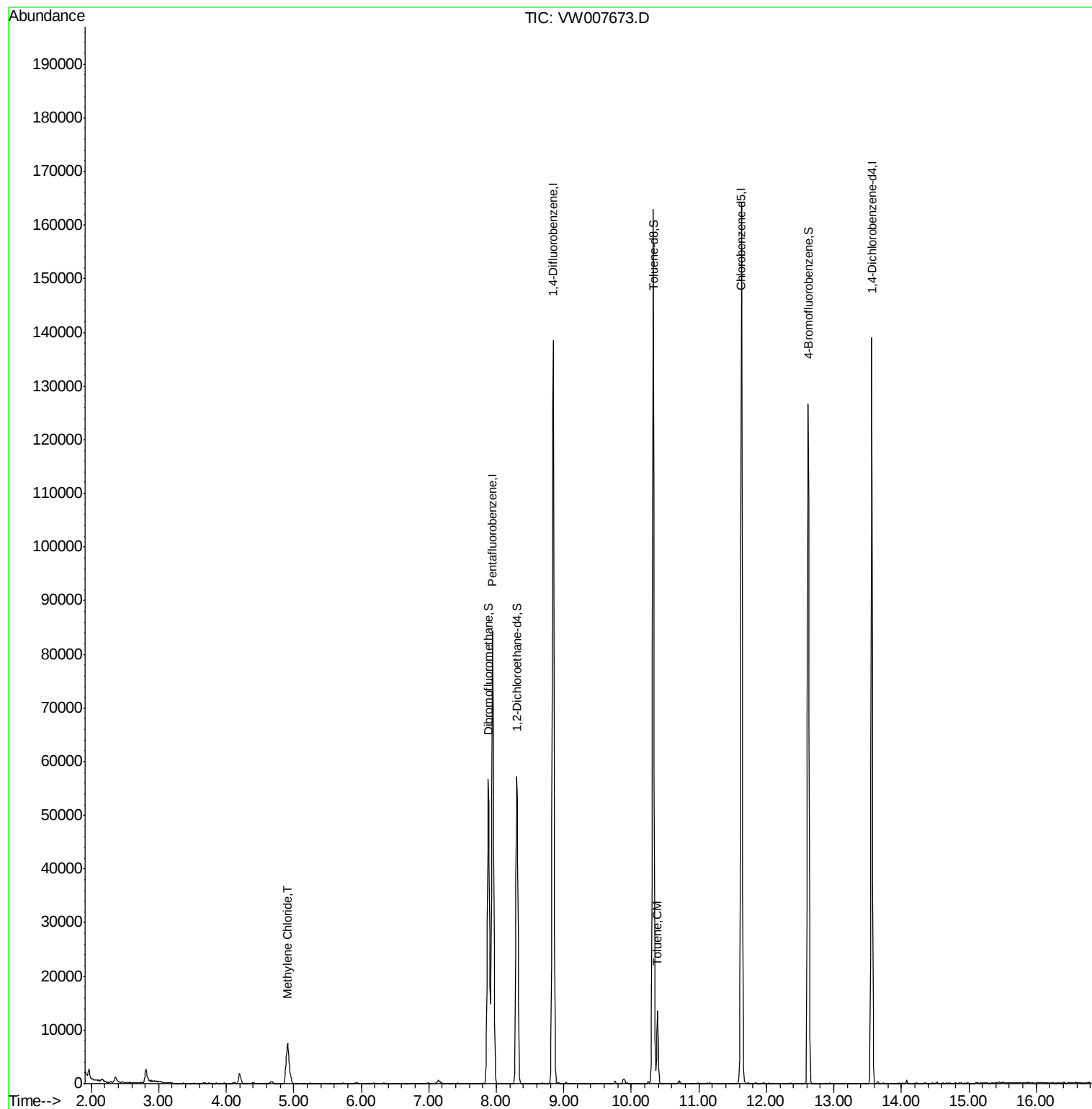
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	61483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	35687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47374	69.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.90%	
35) Dibromofluoromethane	7.88	113	40544	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
50) Toluene-d8	10.32	98	109456	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.00%	
62) 4-Bromofluorobenzene	12.62	95	43695	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
Target Compounds						
20) Methylene Chloride	4.91	84	6353	6.329	ug/l	93
52) Toluene	10.39	92	5786	2.966	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007673.D

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Instrument :

MSVOA_W

ClientSampled :

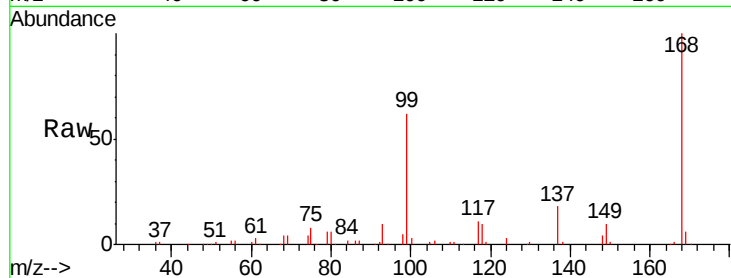
P-4

Tgt Ion: 168 Resp: 61483

Ion Ratio Lower Upper

168 100

99 62.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

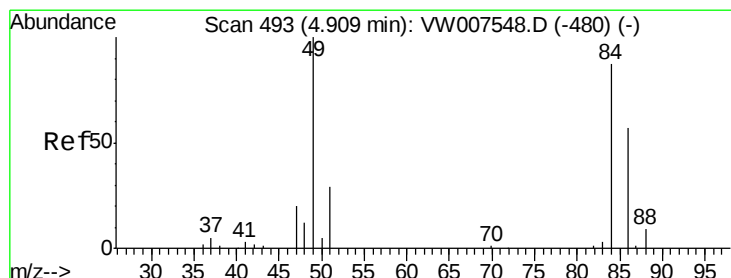
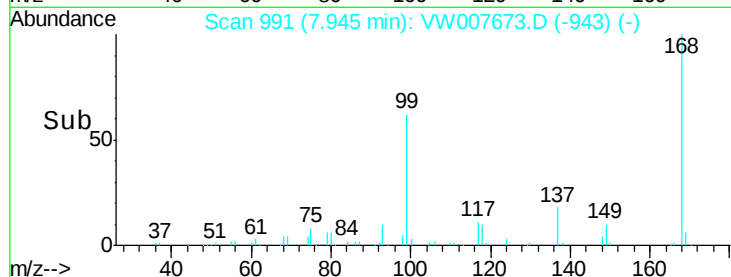
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 6.329 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

Tgt Ion: 84 Resp: 6353

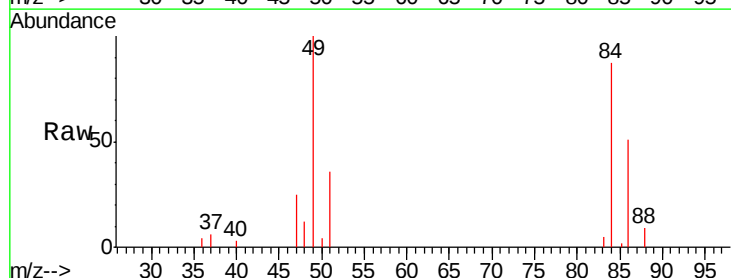
Ion Ratio Lower Upper

84 100

49 115.6 87.1 130.7

51 41.2 28.2 42.2

86 59.3 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

4.91

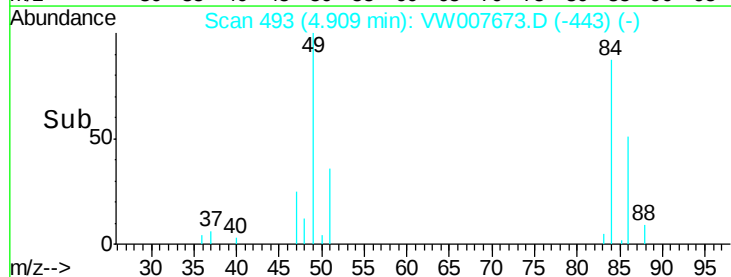
3000

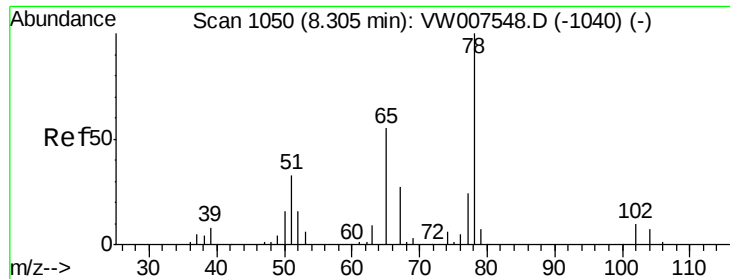
2000

1000

0

Time-->

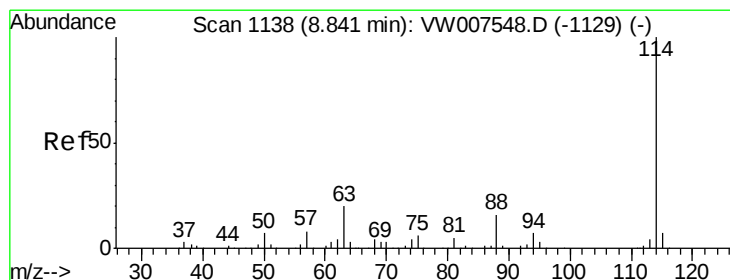
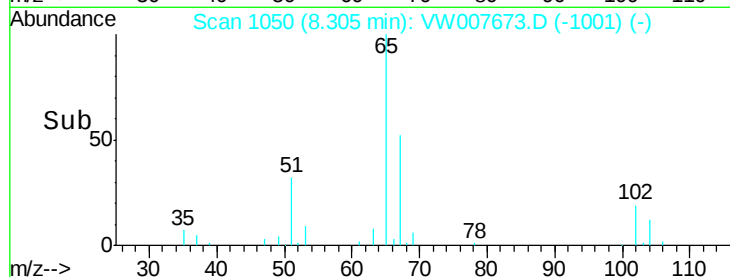
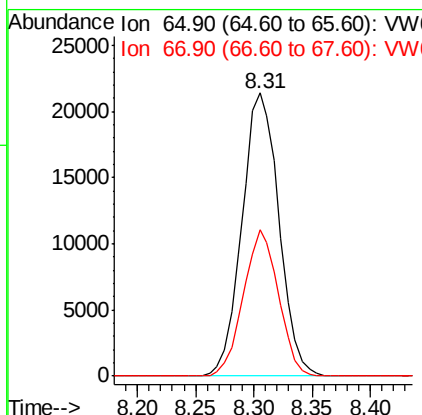
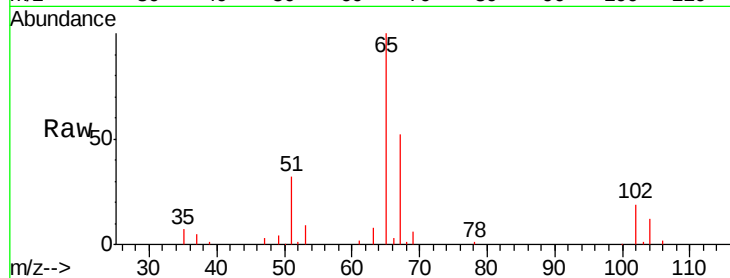




#33
 1,2-Dichloroethane-d4
 Concen: 69.453 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

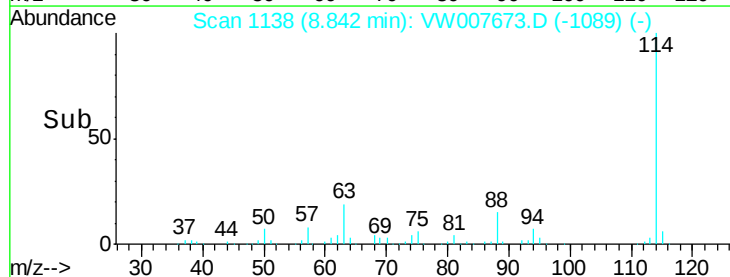
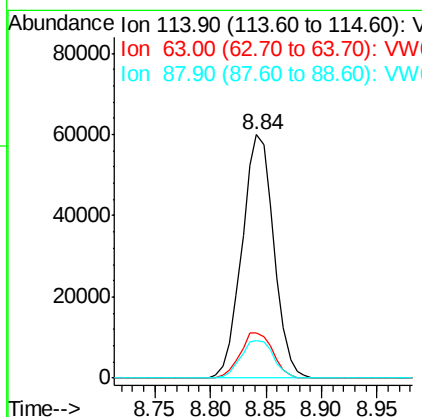
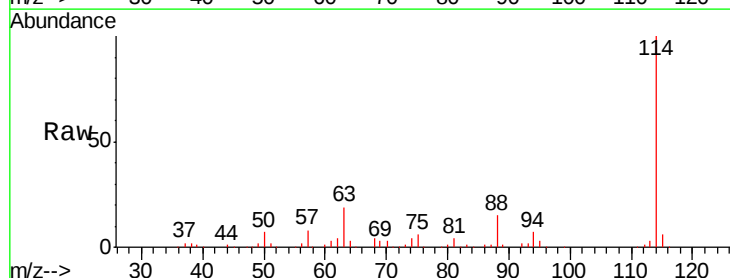
Instrument :
 MSVOA_W
 ClientSampleId :
 P-4

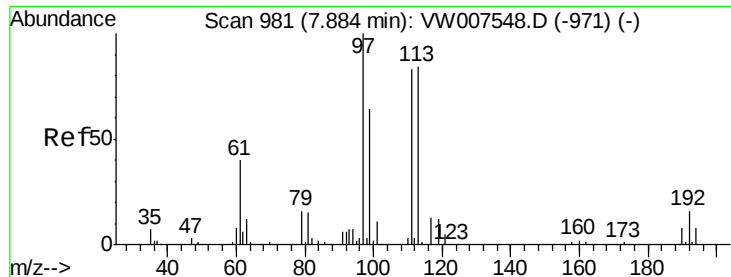
Tgt Ion: 65 Resp: 47374
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

Tgt Ion: 114 Resp: 119071
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.6
 88 15.5 0.0 31.4

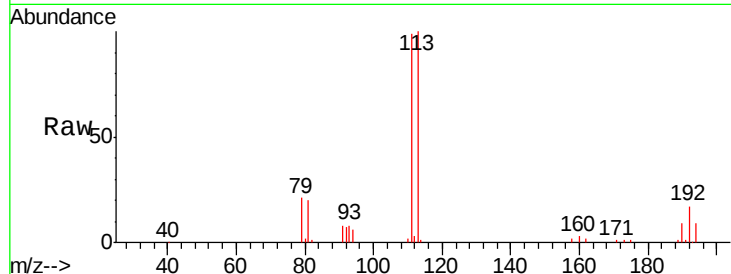




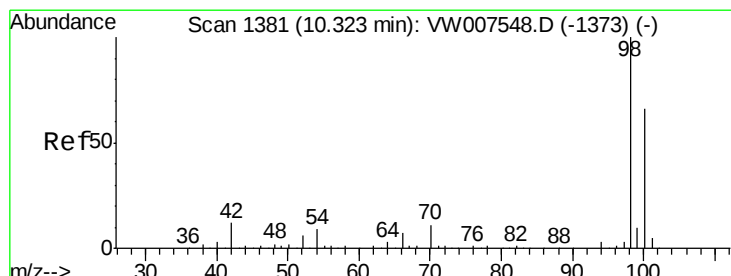
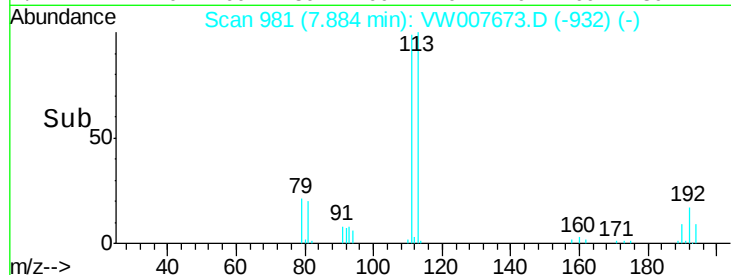
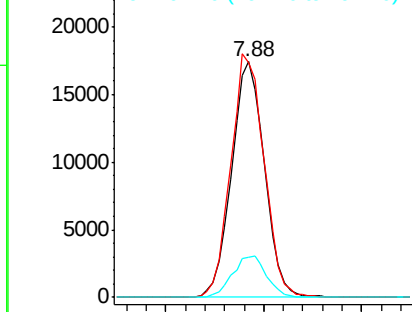
#35
 Dibromofluoromethane
 Concen: 56.250 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 P-4

Tgt Ion: 113 Resp: 40544
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.1 121.7
 192 18.1 14.6 21.8

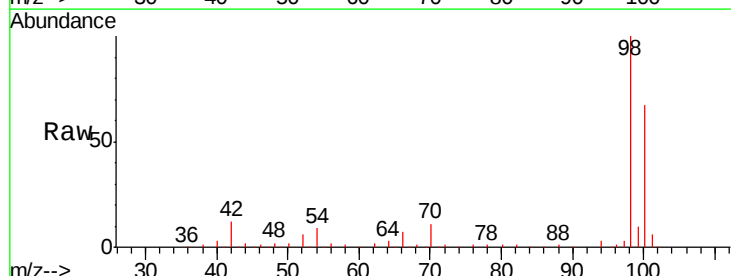


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

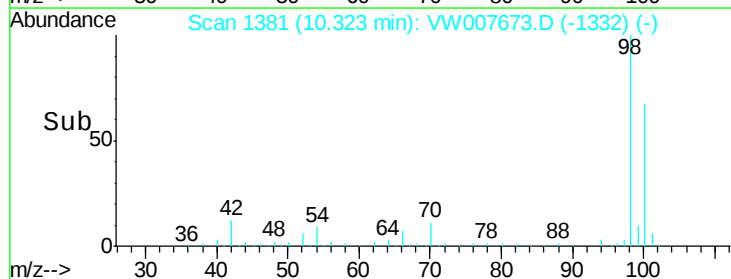
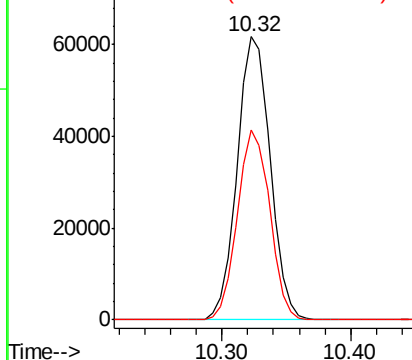


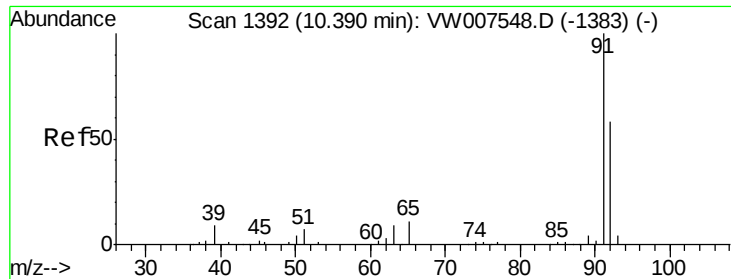
#50
 Toluene-d8
 Concen: 40.501 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

Tgt Ion: 98 Resp: 109456
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.8 77.8



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





#52

Toluene

Concen: 2.966 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

Instrument :

MSVOA_W

ClientSampleId :

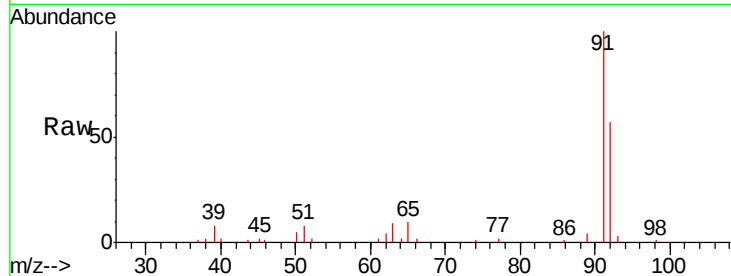
P-4

Tgt Ion: 92 Resp: 5786

Ion Ratio Lower Upper

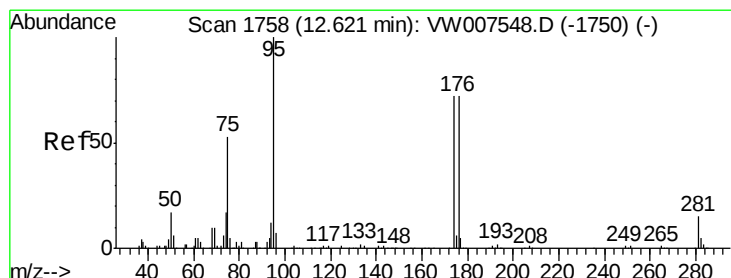
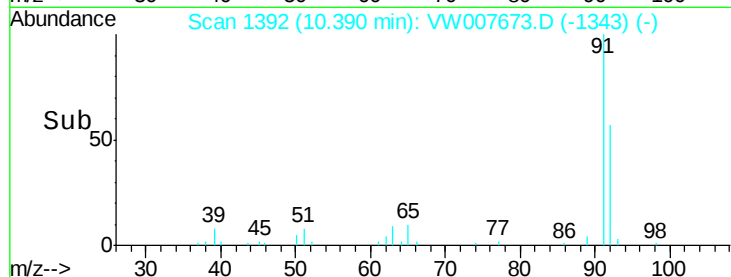
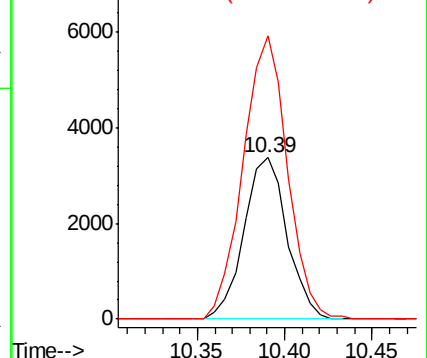
92 100

91 179.8 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 43.974 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

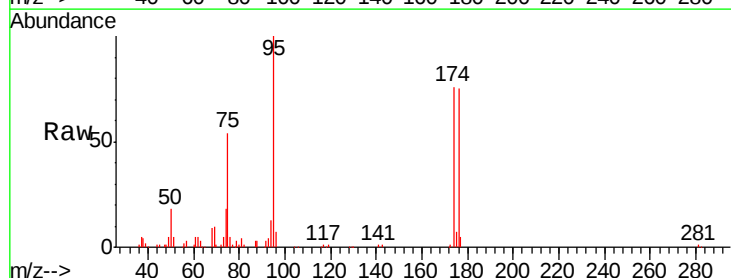
Tgt Ion: 95 Resp: 43695

Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.2

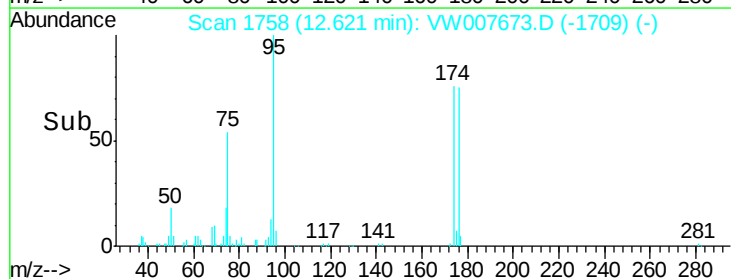
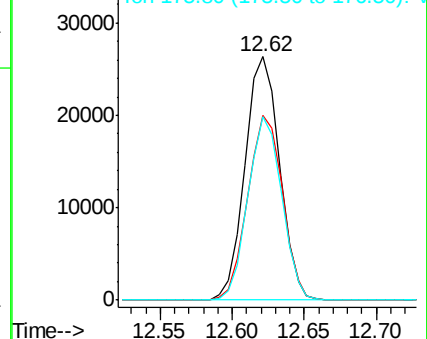
176 73.7 0.0 138.8

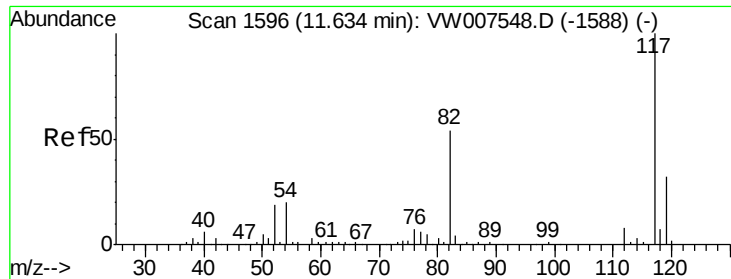


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

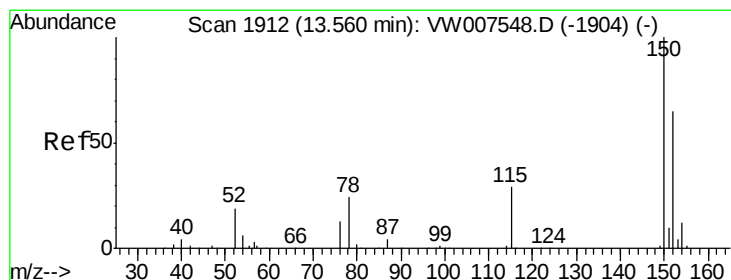
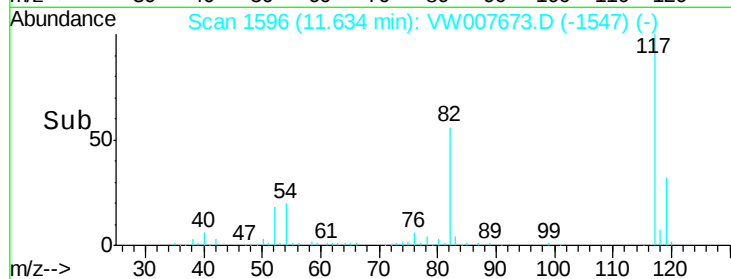
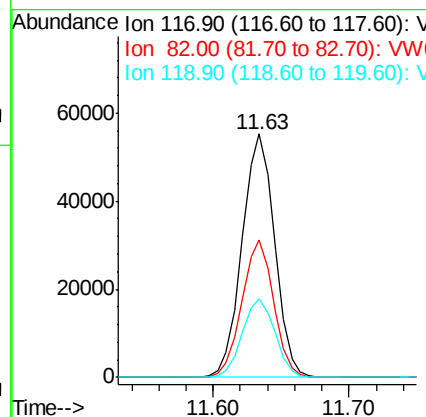
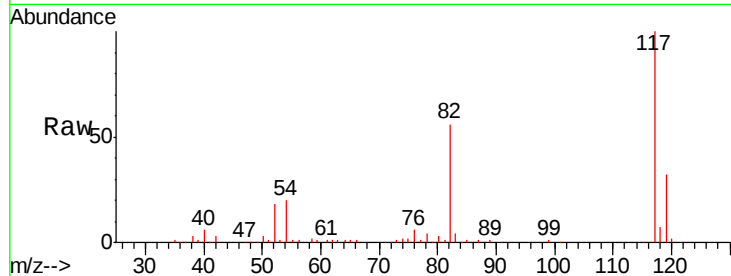




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007673.D
Acq: 18 Dec 2018 21:38

Instrument :
MSVOA_W
ClientSampleId :
P-4

Tgt Ion:117 Resp: 92161
Ion Ratio Lower Upper
117 100
82 56.4 42.3 63.5
119 32.1 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: VW007673.D
Acq: 18 Dec 2018 21:38

Tgt Ion:152 Resp: 35687
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.2
150 154.6 0.0 358.4

