

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007582.D
 Acq On : 15 Dec 2018 15:18
 Operator : SY/AP
 Sample : J6353-06
 Misc : 6.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-0002-01

Quant Time: Dec 15 20:25:00 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	73592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	89584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33648	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	48642	59.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.16%	
35) Dibromofluoromethane	7.88	113	42547	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
50) Toluene-d8	10.32	98	121087	42.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.76%	
62) 4-Bromofluorobenzene	12.62	95	42684	40.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.26%	

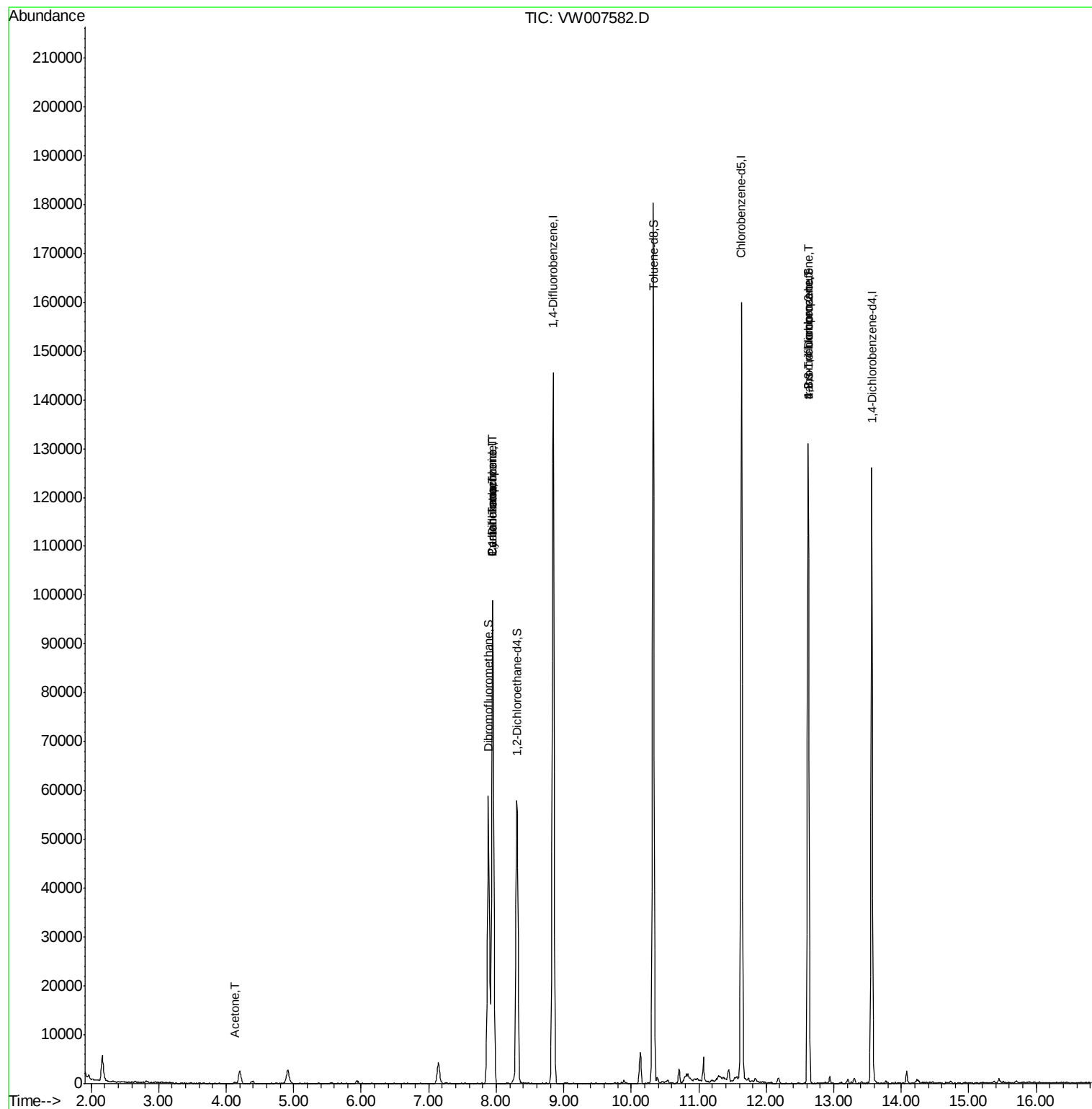
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	493	3.457	ug/l #	44
20) Methylene Chloride	4.90	84	2444	Below Cal	#	82
31) Cyclohexane	7.95	56	1483	1.169	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	5577	4.856	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7965	6.374	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	22116	79.715	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22116	176.092	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007582.D

Acq: 15 Dec 2018 15:18

Instrument :

MSVOA_W

ClientSampleId :

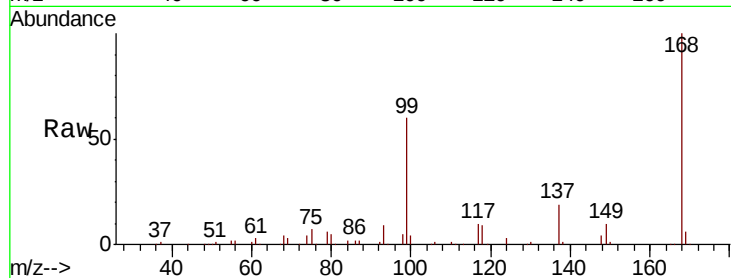
P001-SS003-0002-01

Tgt Ion: 168 Resp: 73592

Ion Ratio Lower Upper

168 100

99 60.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

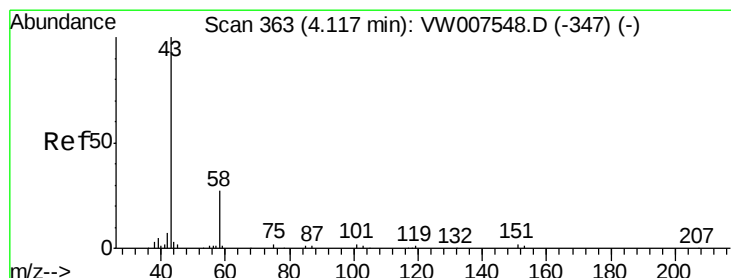
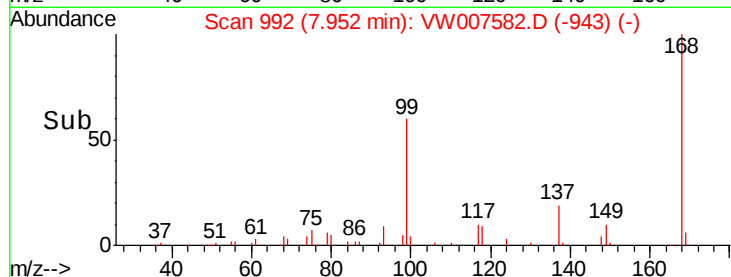
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 3.457 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007582.D

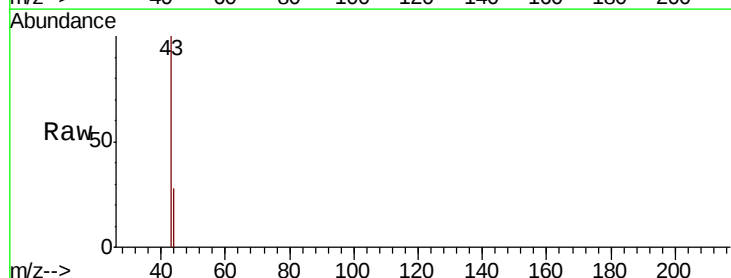
Acq: 15 Dec 2018 15:18

Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

250

200

150

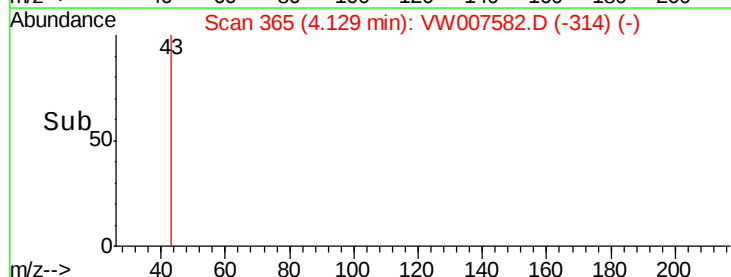
100

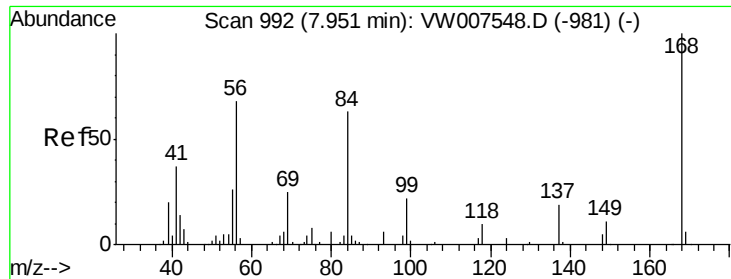
50

0

Time-->

4.05 4.10 4.15

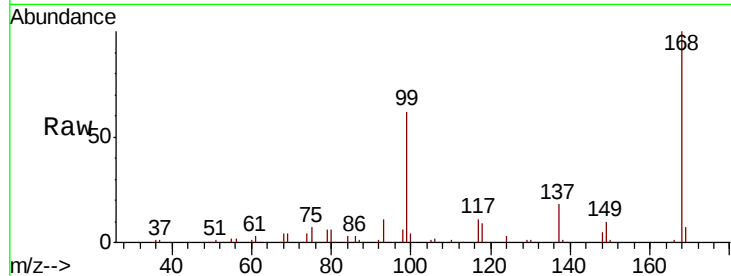




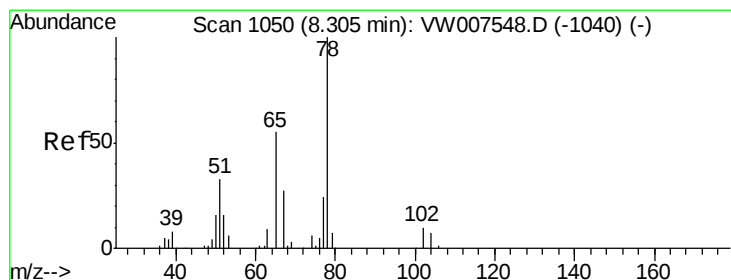
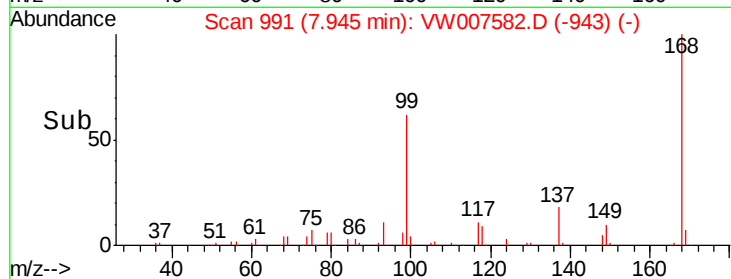
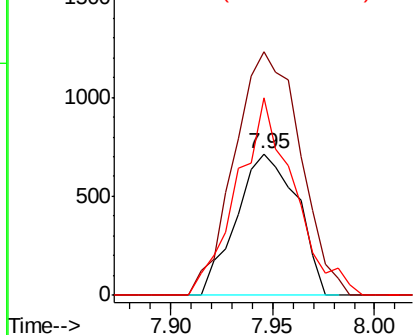
#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007582.D
Acq: 15 Dec 2018 15:18

Instrument :
MSVOA_W
ClientSampleId :
P001-SS003-0002-01

Tgt Ion: 56 Resp: 1483
Ion Ratio Lower Upper
56 100
69 171.6 28.9 43.3#
84 139.0 71.8 107.6#

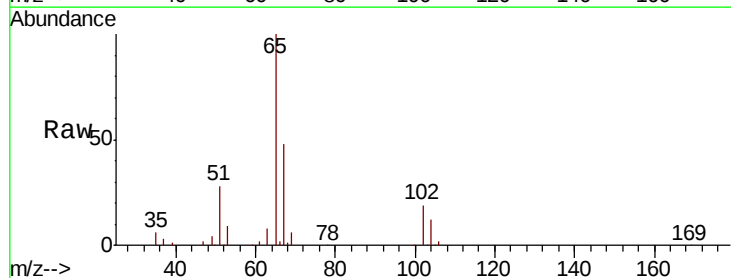


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

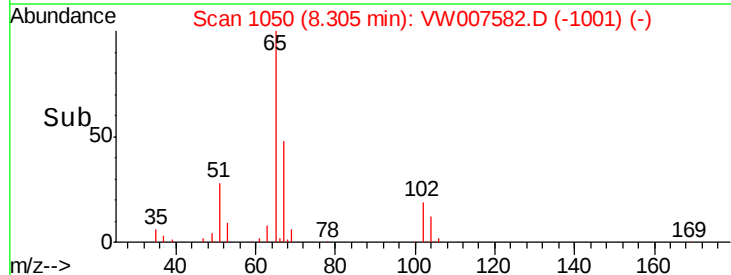
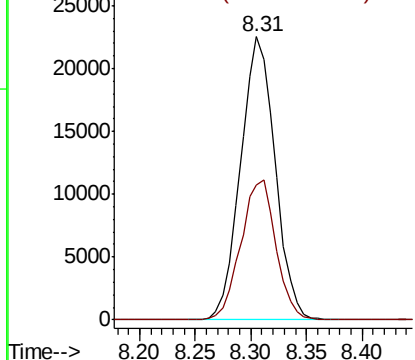


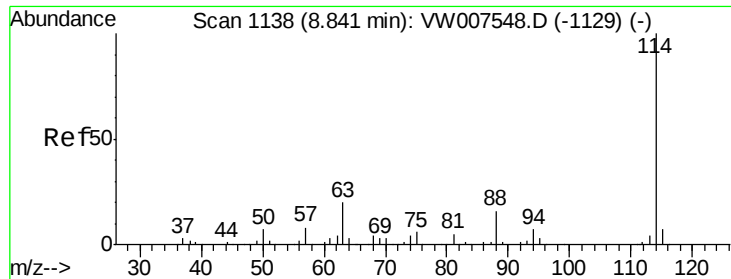
#33
1,2-Dichloroethane-d4
Concen: 59.578 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007582.D
Acq: 15 Dec 2018 15:18

Tgt Ion: 65 Resp: 48642
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

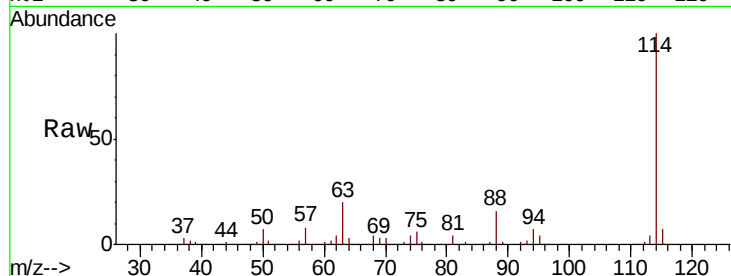




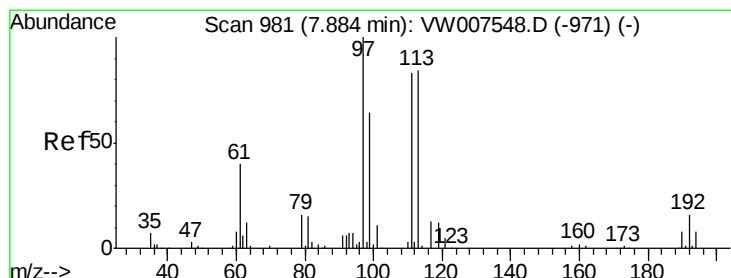
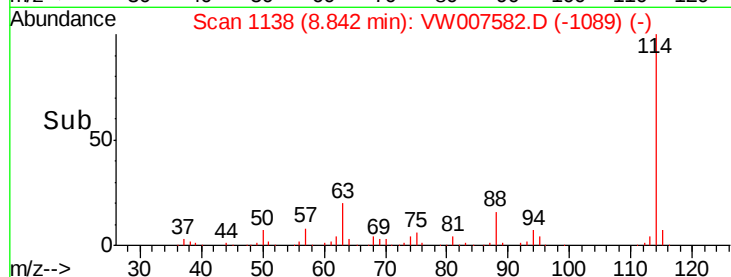
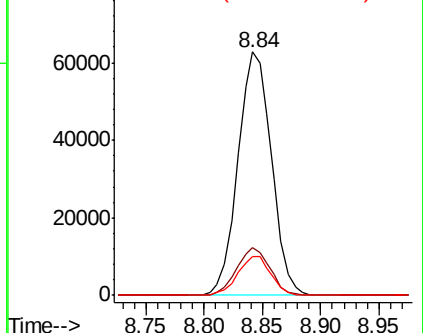
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007582.D
 Acq: 15 Dec 2018 15:18

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-0002-01

Tgt Ion:114 Resp: 125891
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 15.7 0.0 31.4

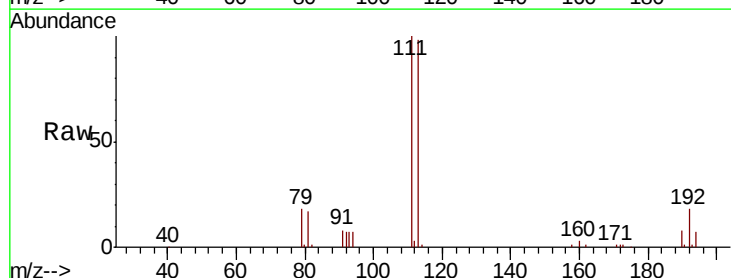


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

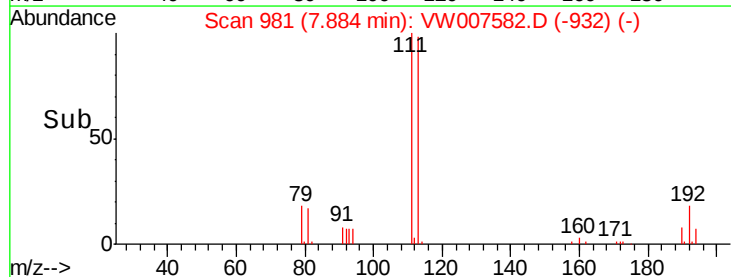
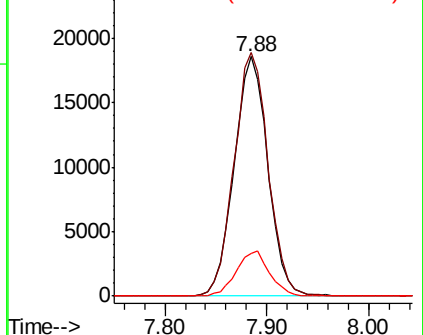


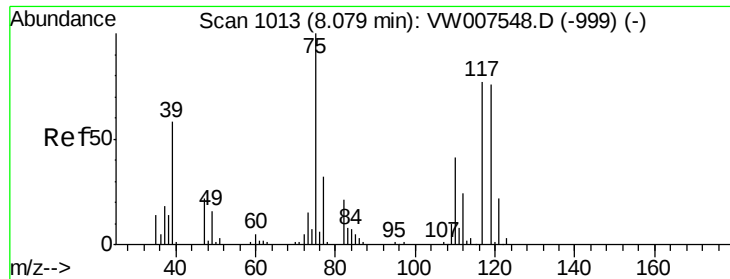
#35
 Dibromofluoromethane
 Concen: 55.831 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007582.D
 Acq: 15 Dec 2018 15:18

Tgt Ion:113 Resp: 42547
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 18.4 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

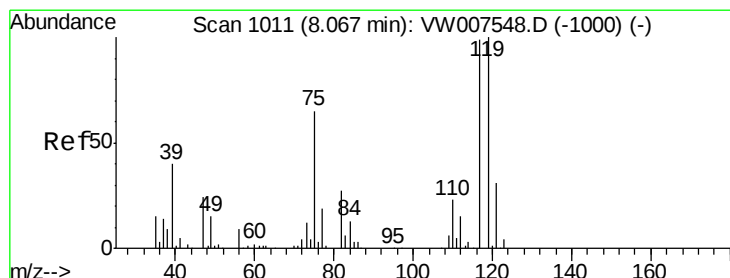
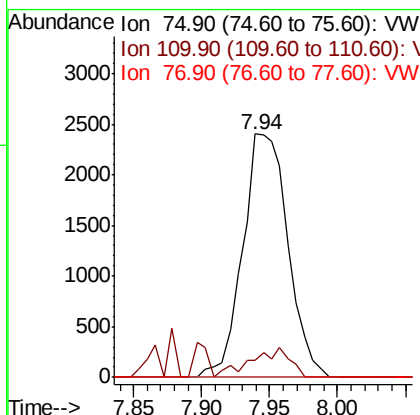
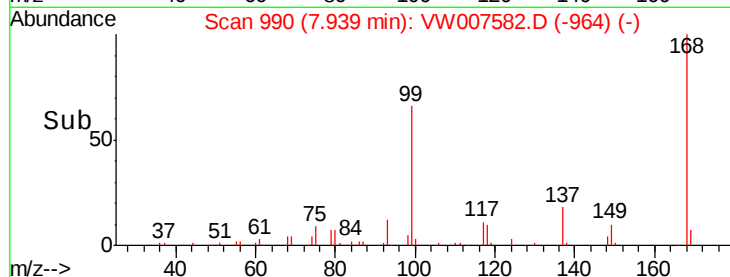
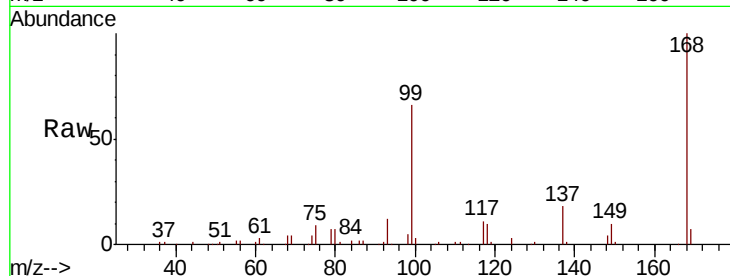




#36
 1,1-Dichloropropene
 Concen: 4.856 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW007582.D
 Acq: 15 Dec 2018 15:18

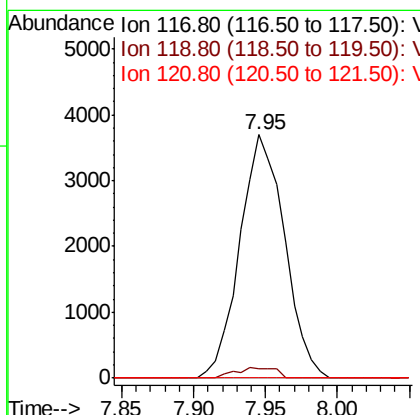
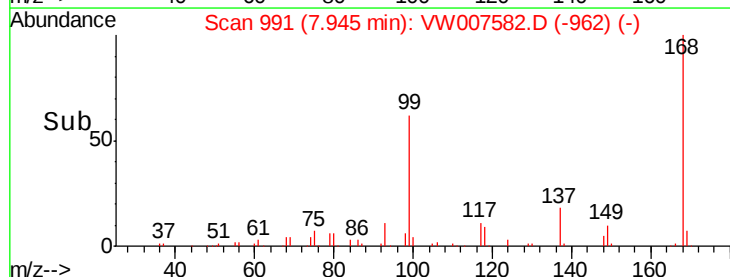
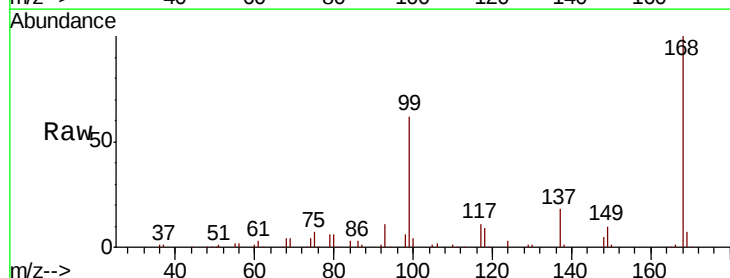
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-0002-01

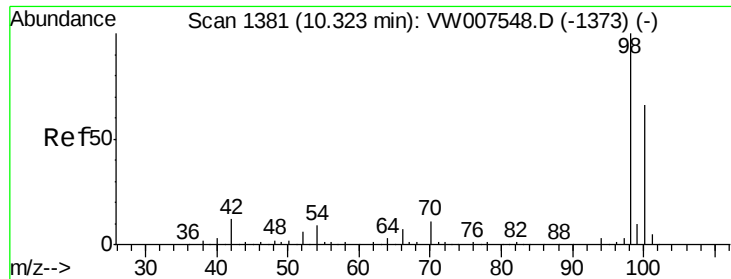
Tgt Ion:	75	Resp:	5577
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.374 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007582.D
 Acq: 15 Dec 2018 15:18

Tgt Ion:	117	Resp:	7965
Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 42.378 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007582.D

Acq: 15 Dec 2018 15:18

Instrument :

MSVOA_W

ClientSampleId :

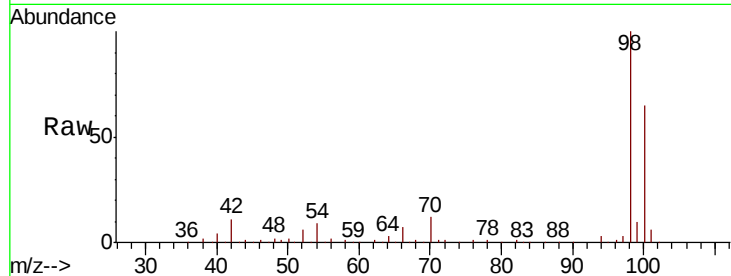
P001-SS003-0002-01

Tgt Ion: 98 Resp: 121087

Ion Ratio Lower Upper

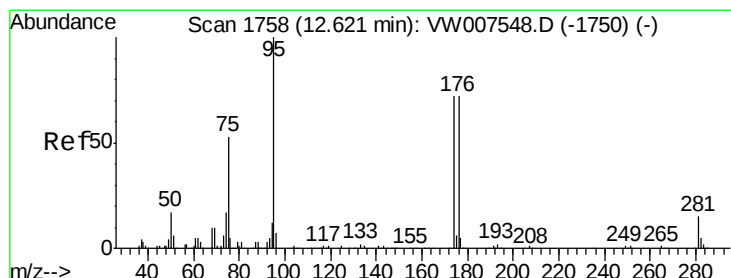
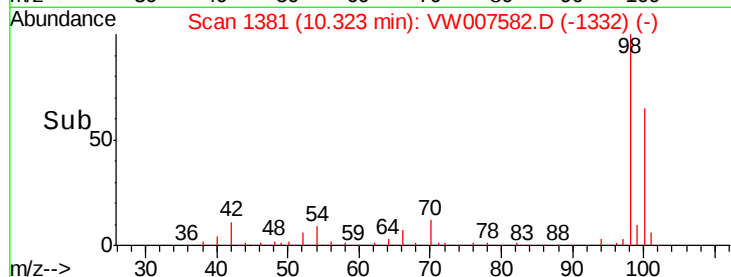
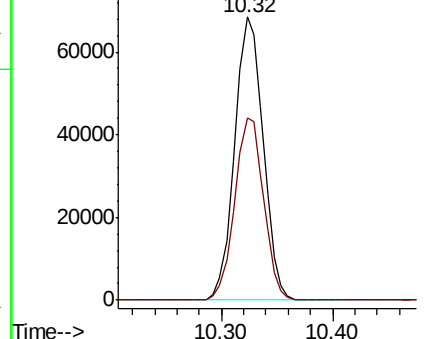
98 100

100 65.1 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: 40.629 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007582.D

Acq: 15 Dec 2018 15:18

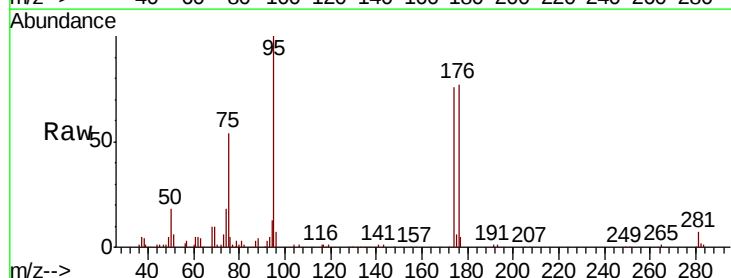
Tgt Ion: 95 Resp: 42684

Ion Ratio Lower Upper

95 100

174 76.6 0.0 147.2

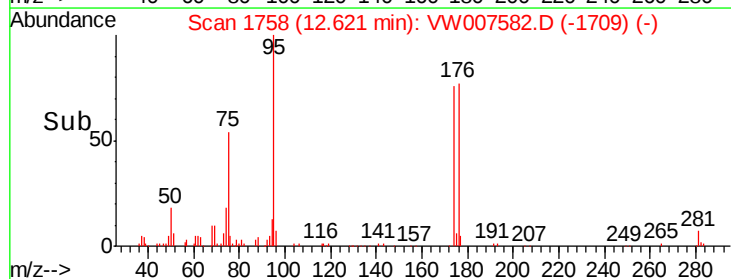
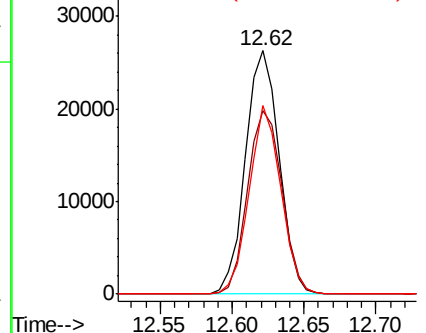
176 72.5 0.0 138.8

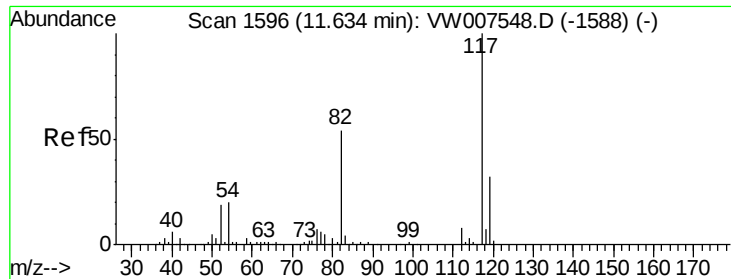


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW007582.D

Acq: 15 Dec 2018 15:18

Instrument :

MSVOA_W

ClientSampleId :

P001-SS003-0002-01

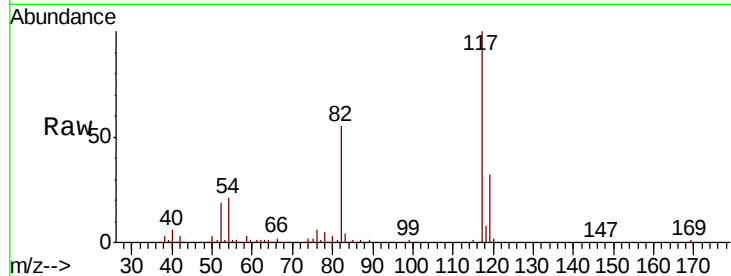
Tgt Ion:117 Resp: 89584

Ion Ratio Lower Upper

117 100

82 55.2 42.3 63.5

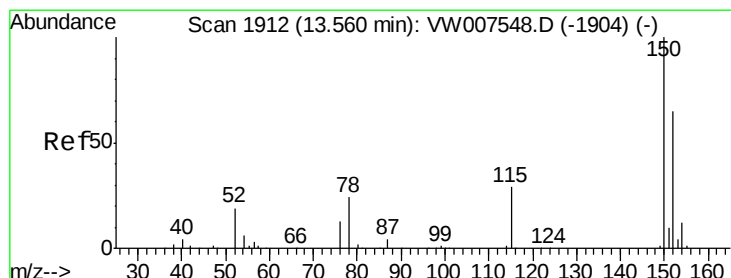
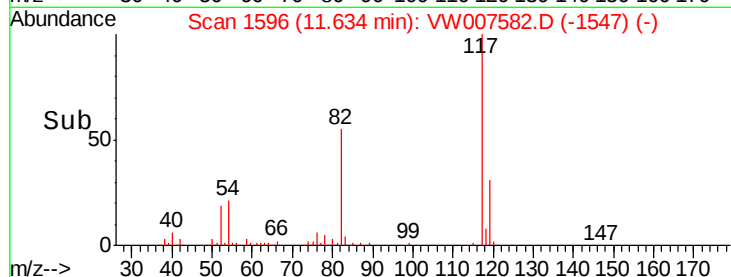
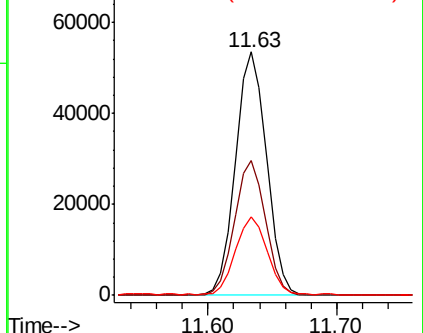
119 31.6 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW007582.D

Acq: 15 Dec 2018 15:18

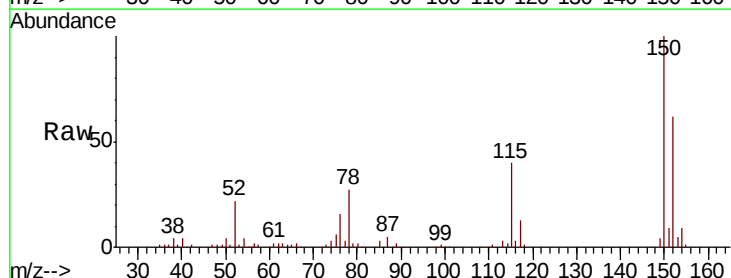
Tgt Ion:152 Resp: 33648

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.2

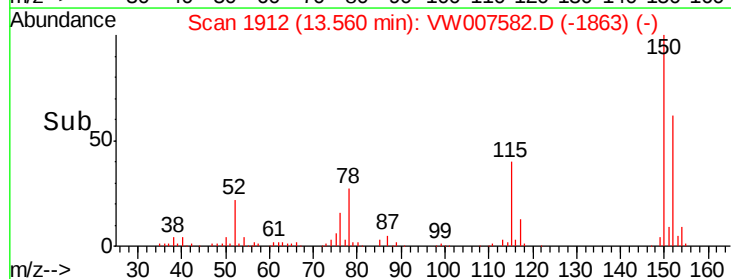
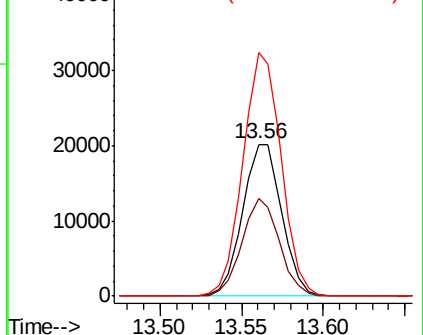
150 156.7 0.0 358.4

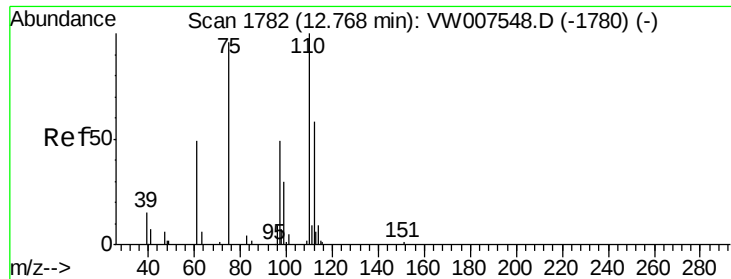


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 79.715 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007582.D

Acq: 15 Dec 2018 15:18

Instrument :

MSVOA_W

ClientSampleId :

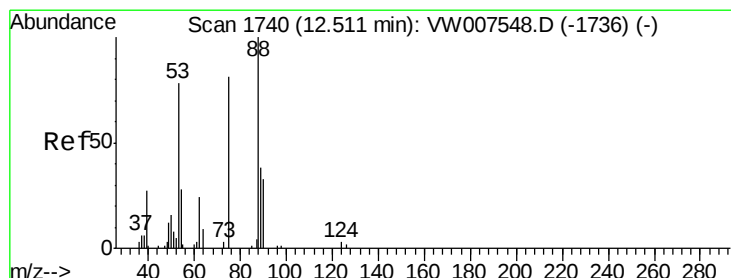
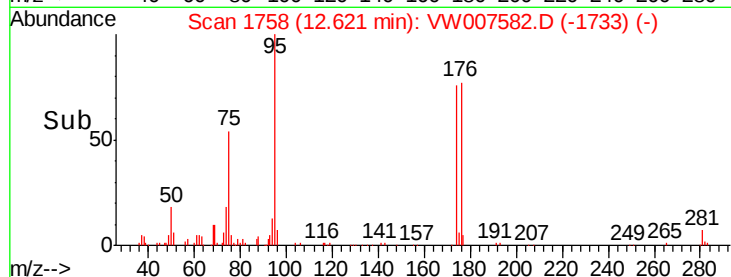
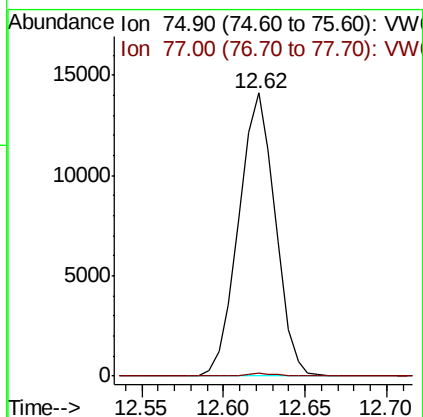
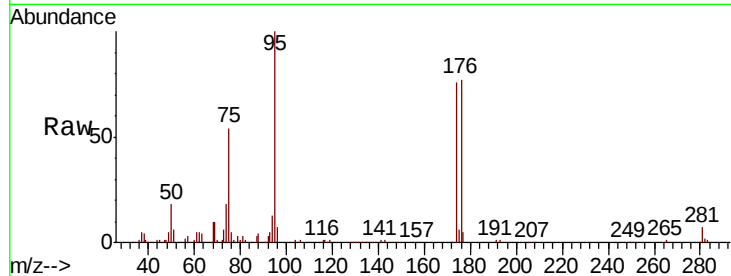
P001-SS003-0002-01

Tgt Ion: 75 Resp: 22116

Ion Ratio Lower Upper

75 100

77 0.8 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 176.092 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007582.D

Acq: 15 Dec 2018 15:18

Tgt Ion: 75 Resp: 22116

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

