

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007689.D
 Acq On : 19 Dec 2018 06:42
 Operator : SY/AP
 Sample : J6386-12
 Misc : 5.67G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 19 08:20:47 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	57842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	78076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	25139	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	30332	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	7.88	113	26667	43.24	ug/l	0.00
Spiked Amount			Recovery	=	86.48%	
50) Toluene-d8	10.32	98	79141	34.23	ug/l	0.00
Spiked Amount			Recovery	=	68.46%	
62) 4-Bromofluorobenzene	12.62	95	22895	26.93	ug/l	0.00
Spiked Amount			Recovery	=	53.86%	

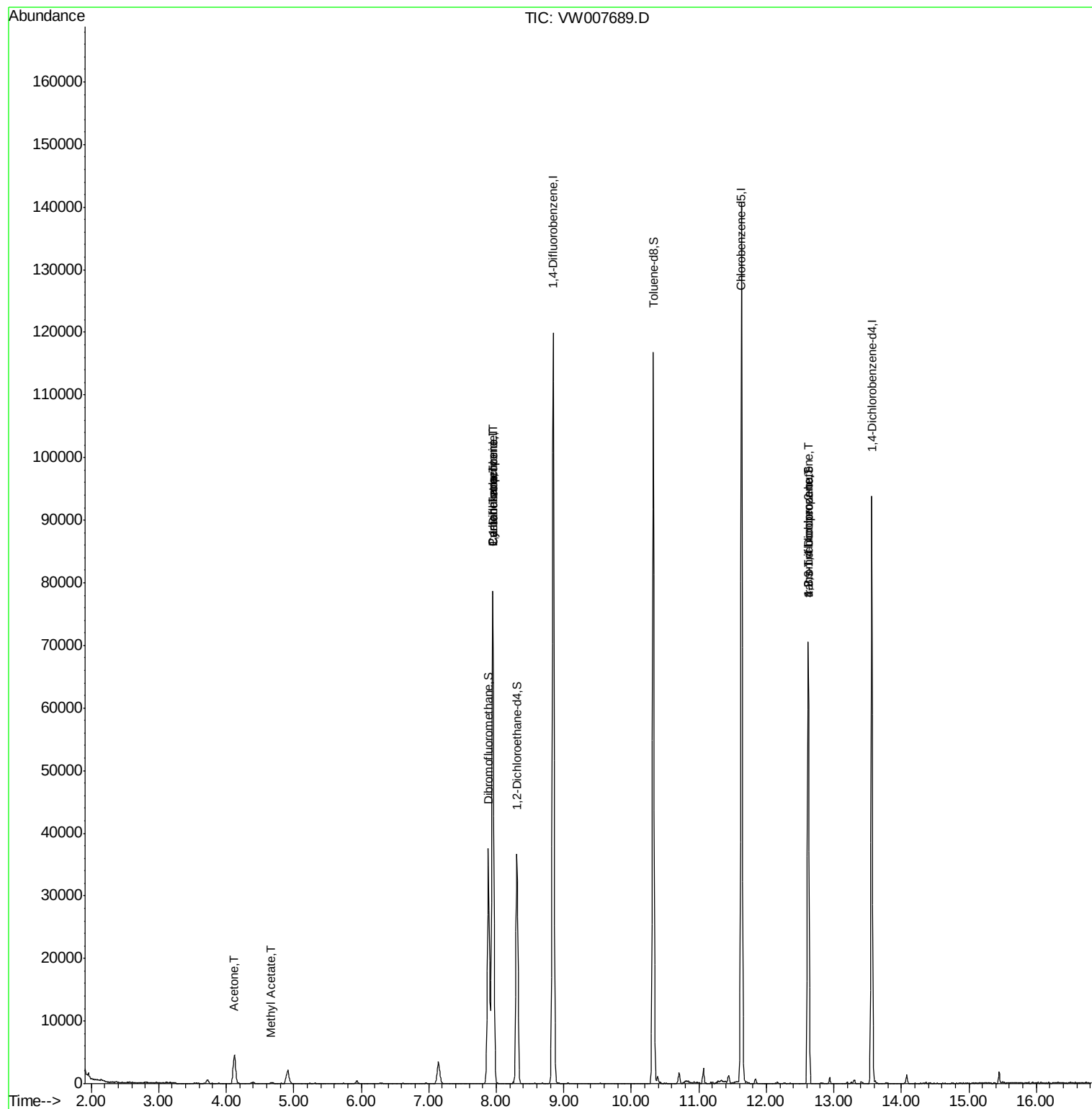
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7816	69.731	ug/l	99
18) Methyl Acetate	4.67	43	492	1.617	ug/l #	49
20) Methylene Chloride	4.92	84	1815	Below Cal	#	79
31) Cyclohexane	7.95	56	1351	1.355	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	4284	4.610	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6026	5.960	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	11838	57.112	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	11838	126.160	ug/l #	7

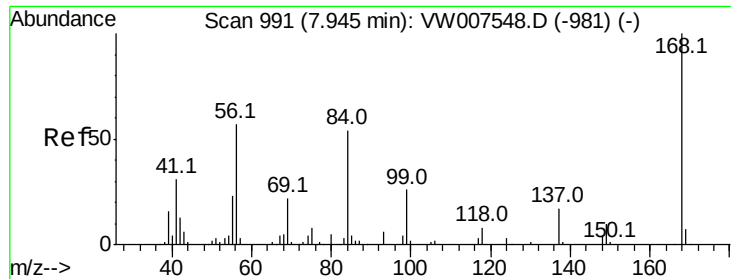
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
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: VW007689.D

Acq: 19 Dec 2018 06:42

Instrument :

MSVOA_D

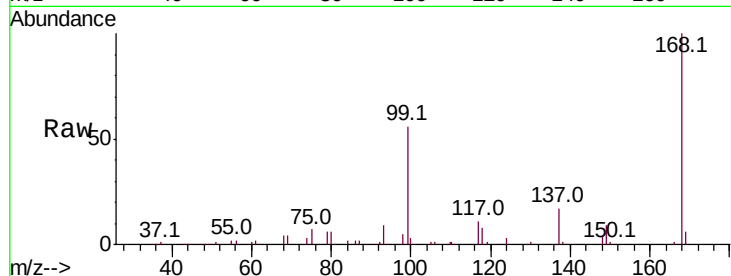
ClientSampleId :

Tot Ion:168 Resp: 57842

Ion Ratio Lower Upper

168 100

99 55.9 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

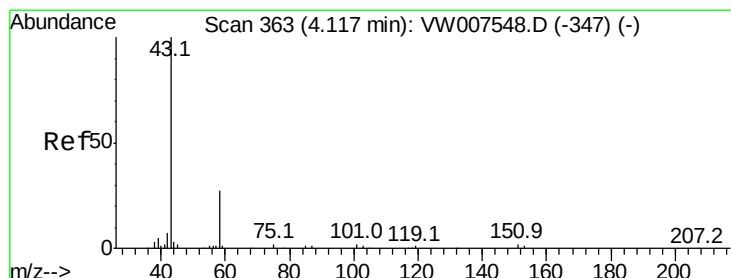
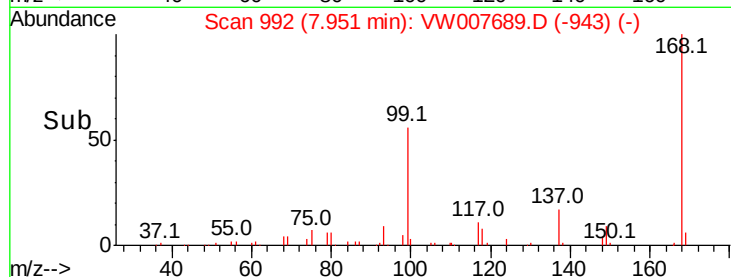
10000

5000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 69.731 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007689.D

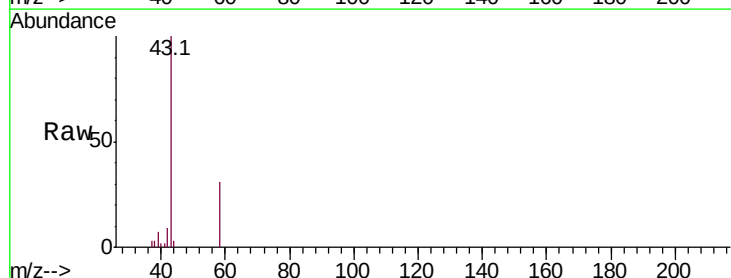
Acq: 19 Dec 2018 06:42

Tgt Ion: 43 Resp: 7816

Ion Ratio Lower Upper

43 100

58 31.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

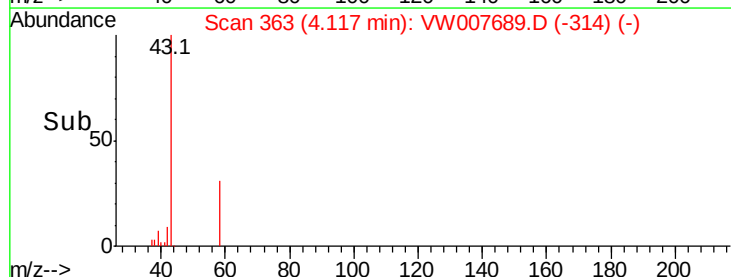
2000

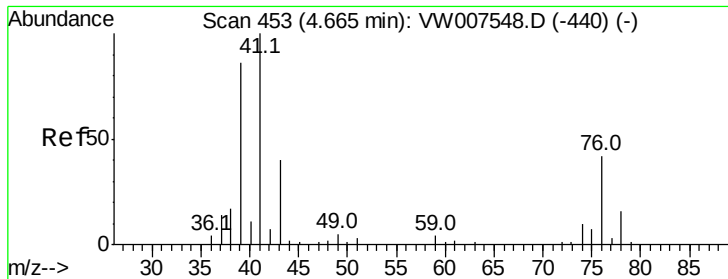
1000

0

Time-->

4.00 4.05 4.10 4.15 4.20

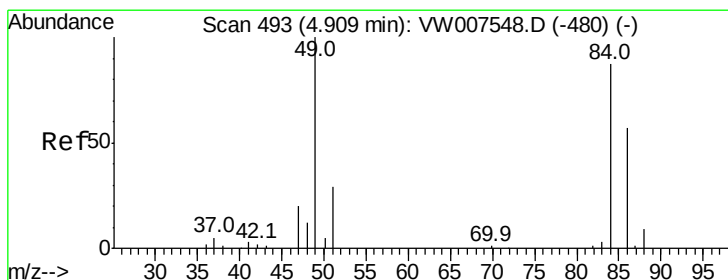
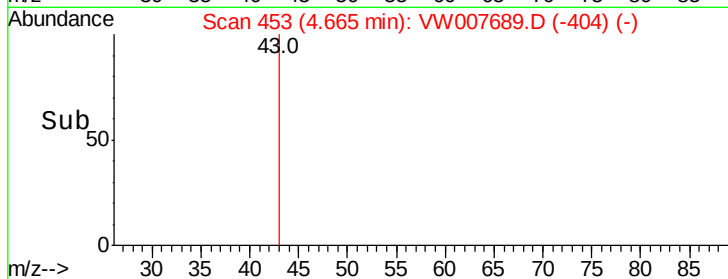
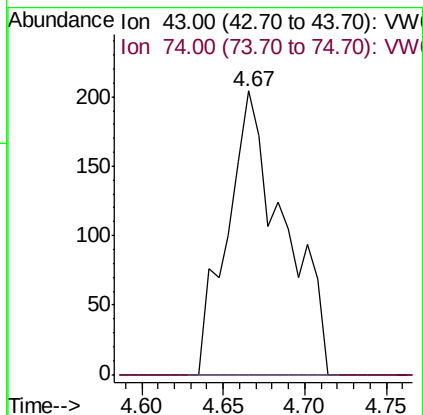
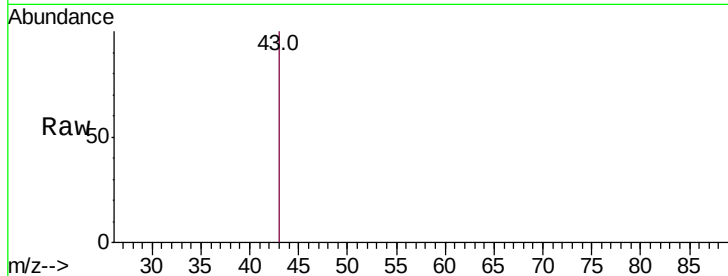




#18
Methyl Acetate
Concen: 1.617 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007689.D
Acq: 19 Dec 2018 06:42

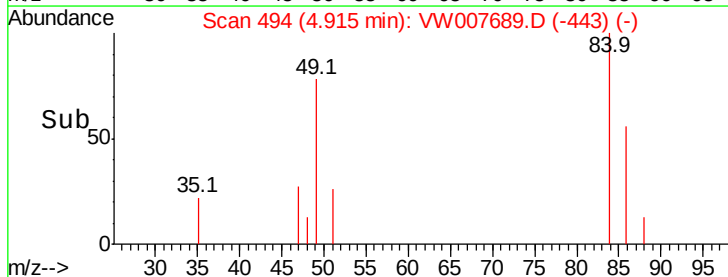
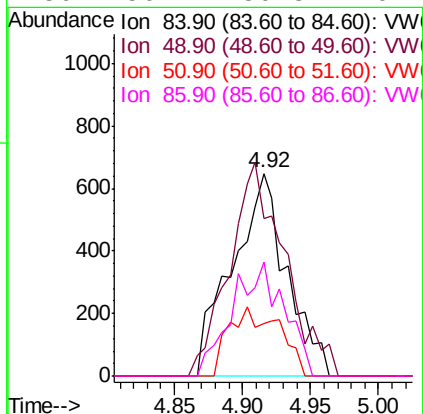
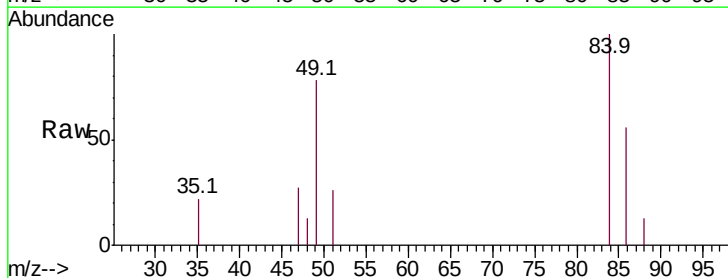
Instrument :
MSVOA_D
ClientSampleId :

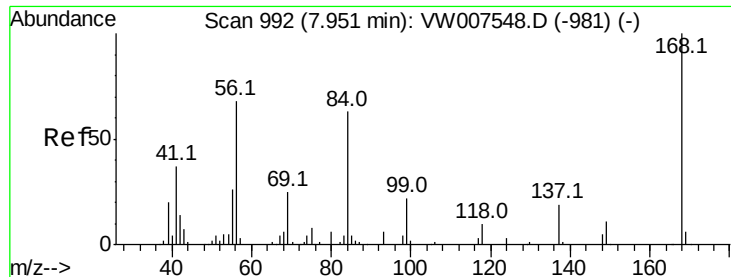
Tot Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007689.D
Acq: 19 Dec 2018 06:42

Tgt Ion: 84 Resp: 1815
Ion Ratio Lower Upper
84 100
49 77.9 87.1 130.7#
51 25.9 28.2 42.2#
86 56.2 50.8 76.2

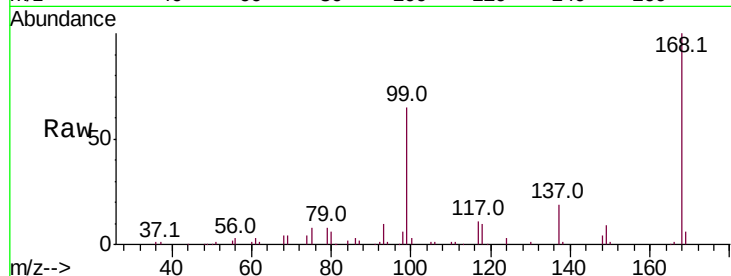




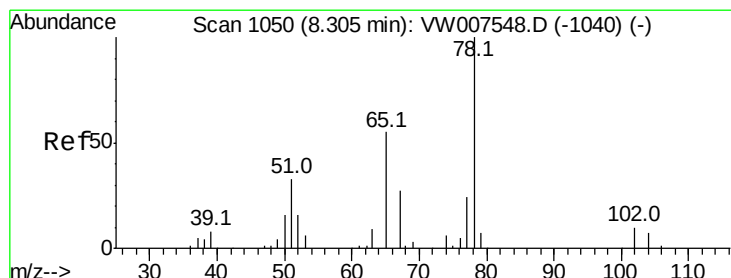
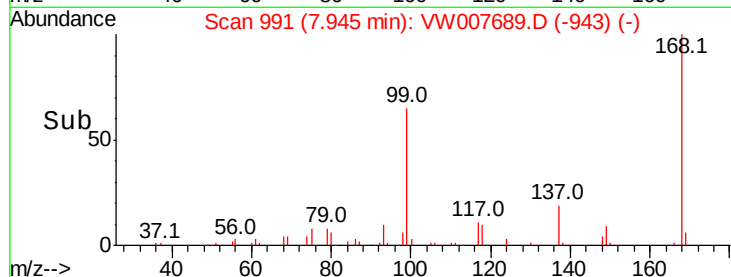
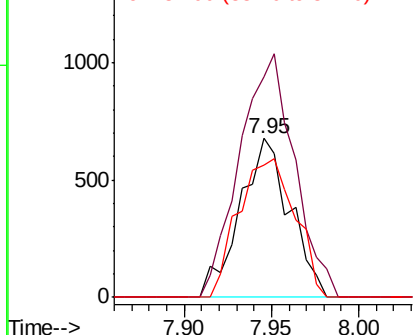
#31
Cyclohexane
Concen: 1.355 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007689.D
Acq: 19 Dec 2018 06:42

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 1351
Ion Ratio Lower Upper
56 100
69 139.0 28.9 43.3#
84 82.9 71.8 107.6

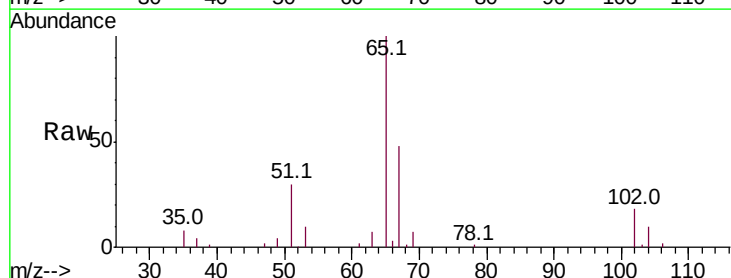


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

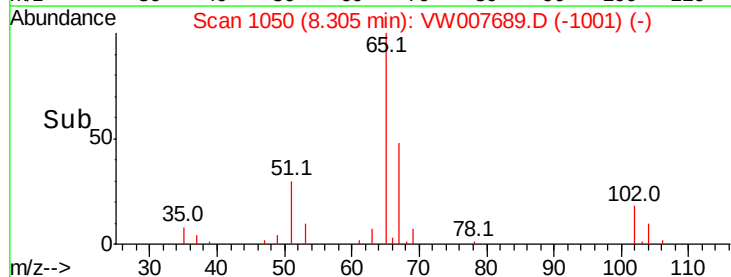
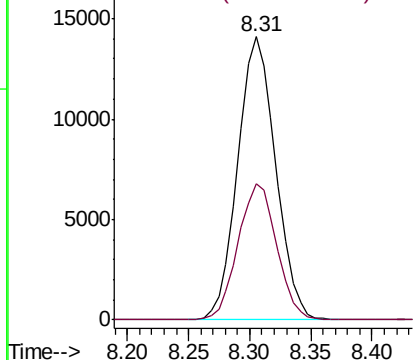


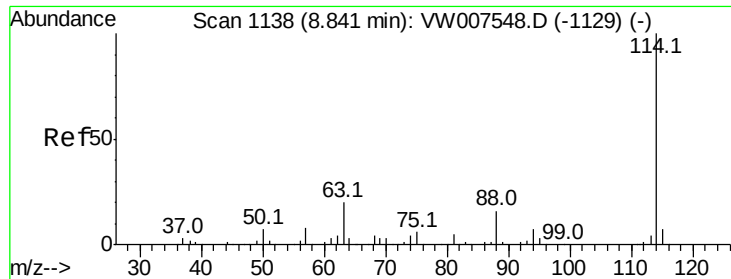
#33
1,2-Dichloroethane-d4
Concen: 47.267 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007689.D
Acq: 19 Dec 2018 06:42

Tgt Ion: 65 Resp: 30332
Ion Ratio Lower Upper
65 100
67 48.8 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: VW007689.D

Acq: 19 Dec 2018 06:42

Instrument :

MSVOA_D

ClientSampleId :

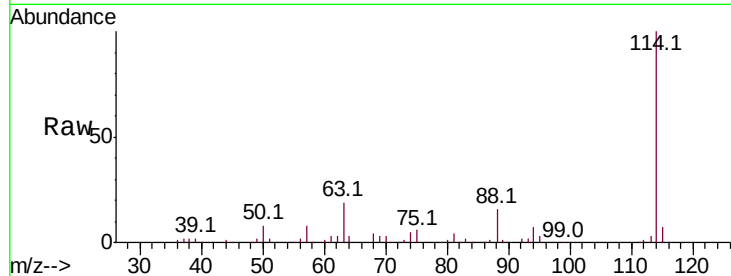
Tot Ion:114 Resp: 101870

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

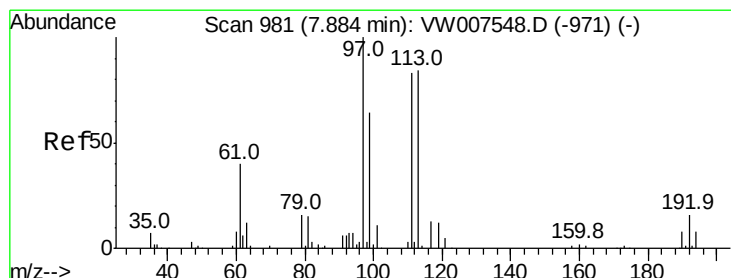
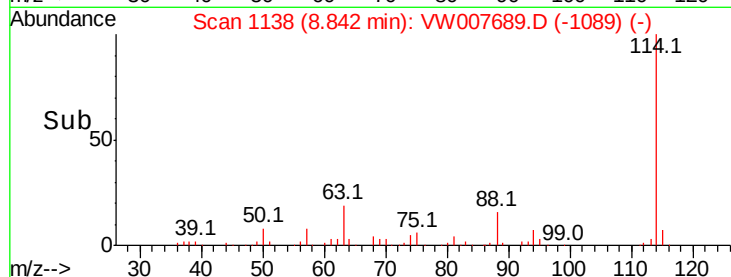
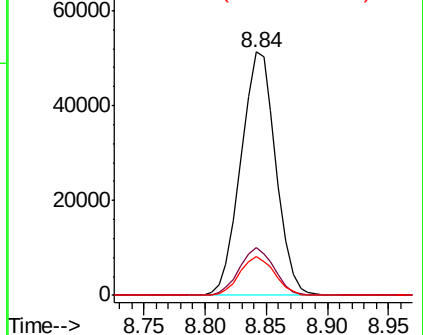
88 15.9 0.0 31.4



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: 43.244 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007689.D

Acq: 19 Dec 2018 06:42

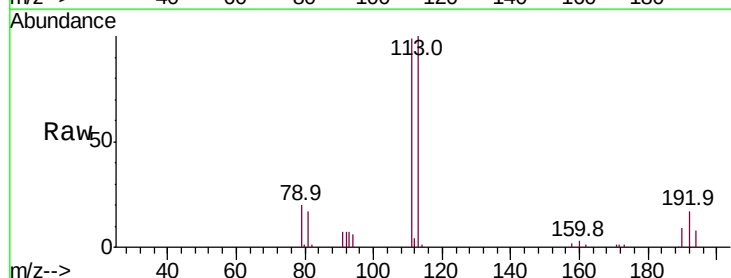
Tgt Ion:113 Resp: 26667

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

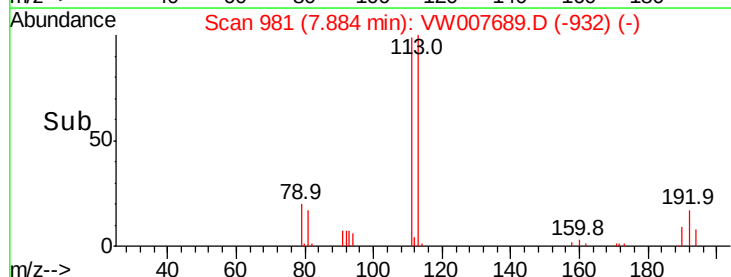
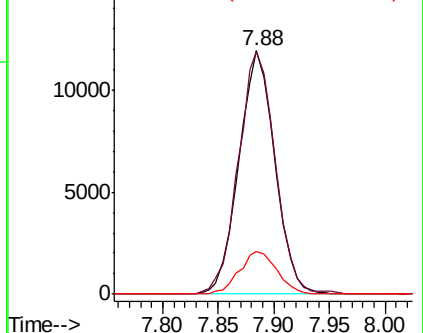
192 18.2 14.6 21.8

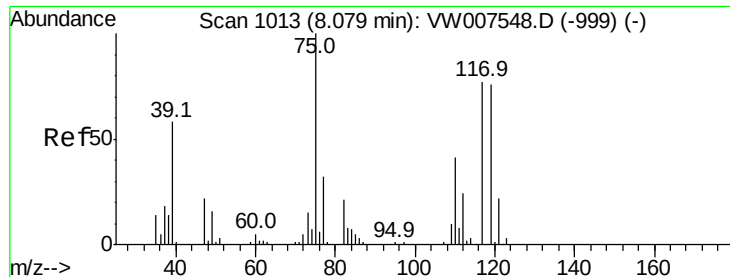


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.610 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007689.D

Acq: 19 Dec 2018 06:42

Instrument :
MSVOA_D
ClientSampleId :

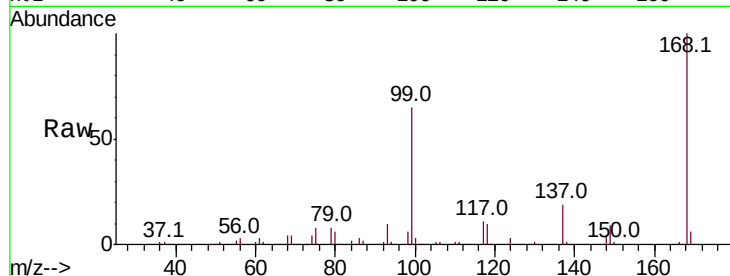
Tot Ion: 75 Resp: 4284

Ion Ratio Lower Upper

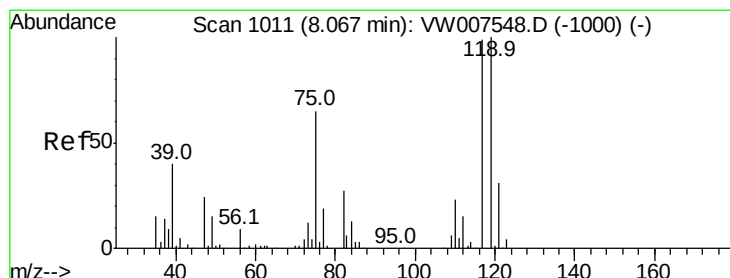
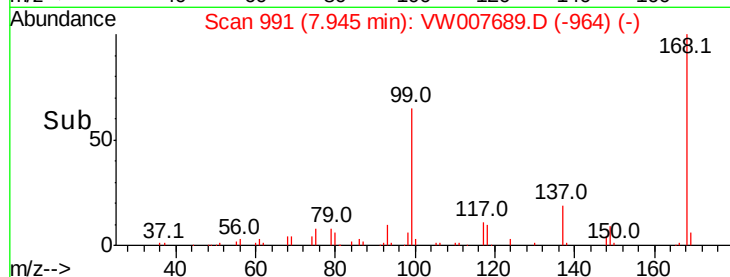
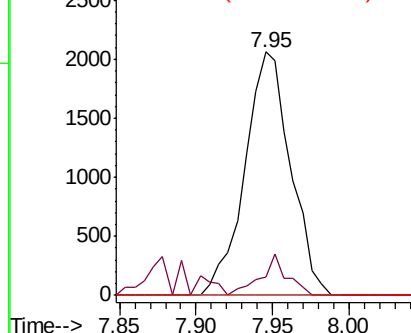
75 100

110 9.7 18.5 55.5#

77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 5.960 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007689.D

Acq: 19 Dec 2018 06:42

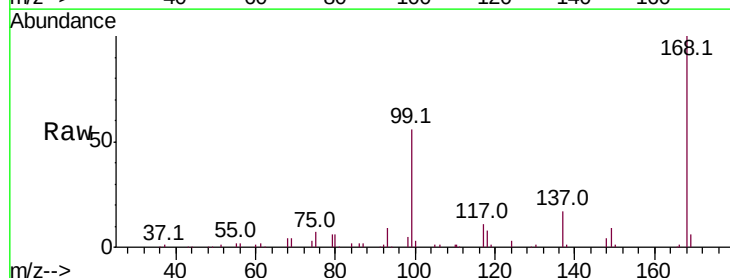
Tgt Ion: 117 Resp: 6026

Ion Ratio Lower Upper

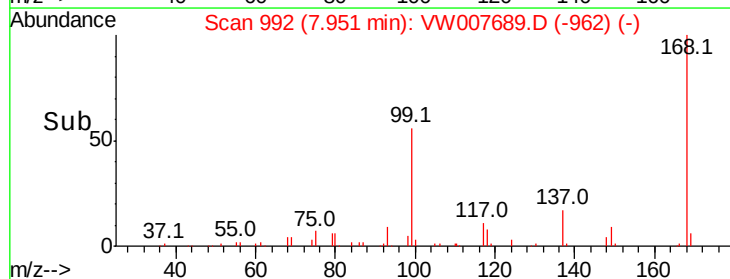
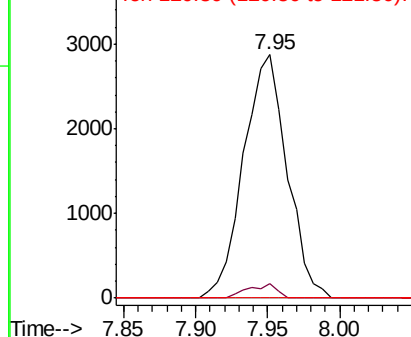
117 100

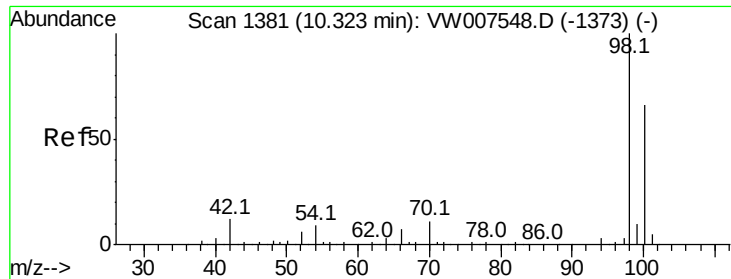
119 6.1 74.3 111.5#

121 0.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 34.229 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007689.D

Acq: 19 Dec 2018 06:42

Instrument :

MSVOA_D

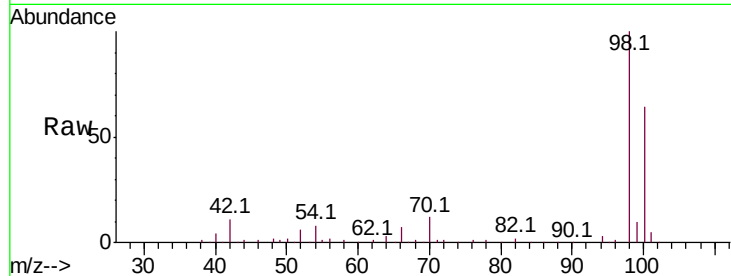
ClientSampled :

Tot Ion: 98 Resp: 79141

Ion Ratio Lower Upper

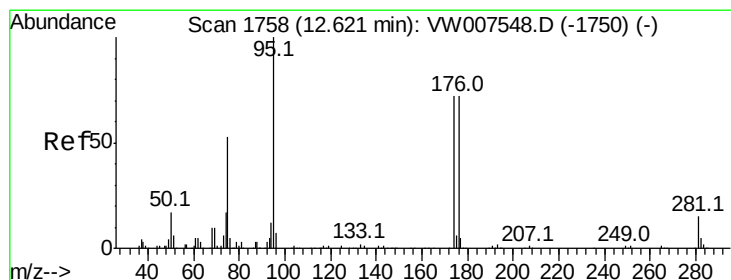
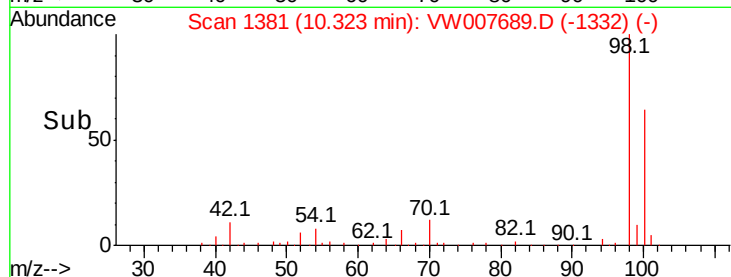
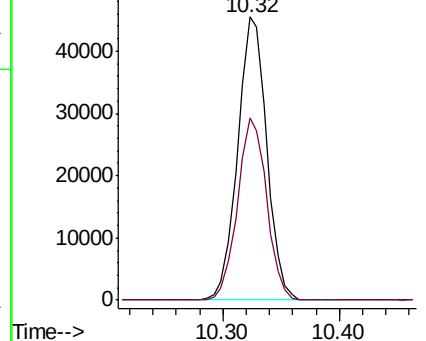
98 100

100 64.4 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: 26.932 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007689.D

Acq: 19 Dec 2018 06:42

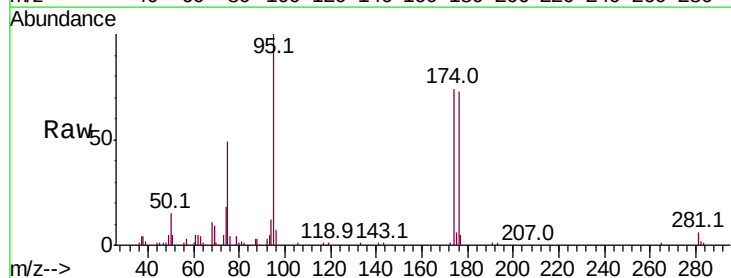
Tgt Ion: 95 Resp: 22895

Ion Ratio Lower Upper

95 100

174 79.0 0.0 147.2

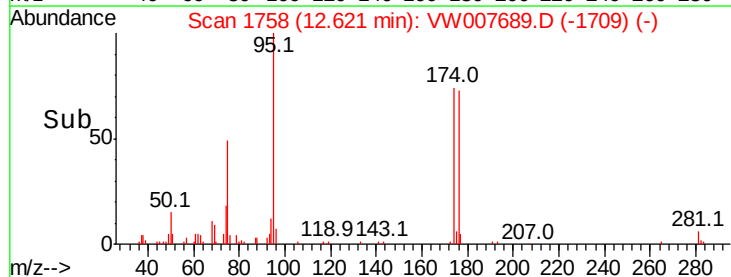
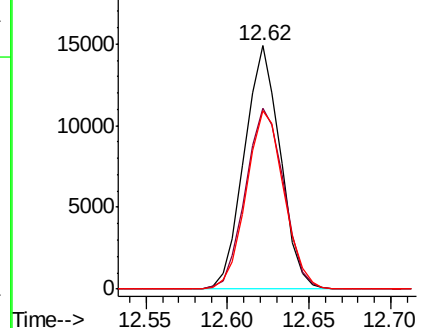
176 76.9 0.0 138.8

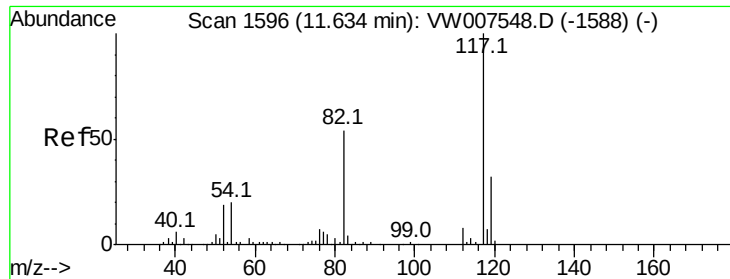


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

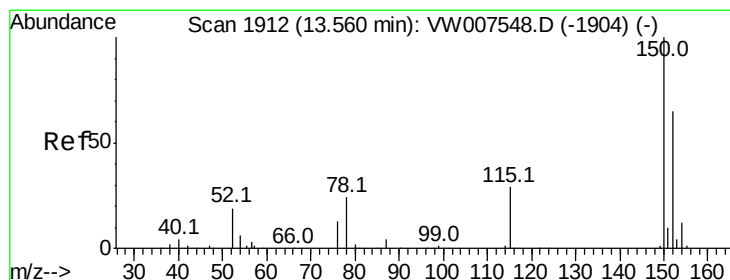
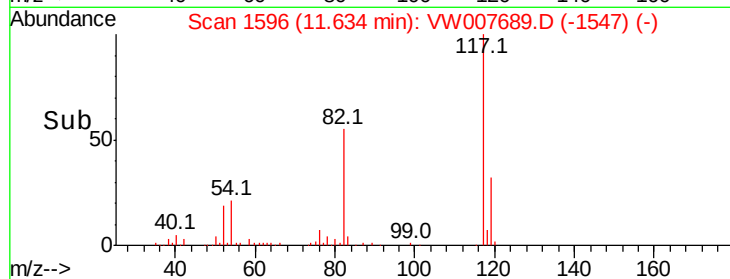
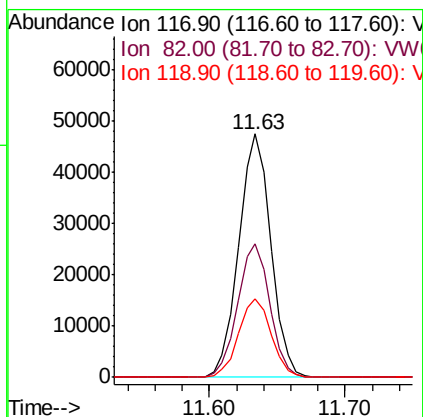
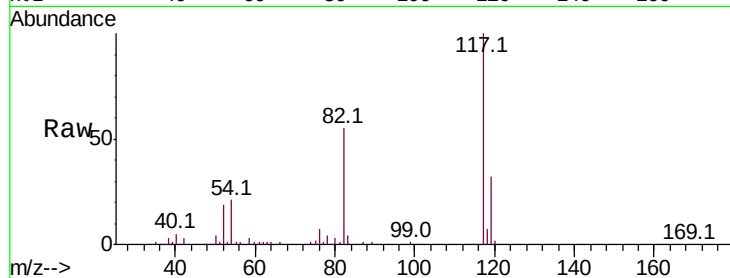




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007689.D
Acq: 19 Dec 2018 06:42

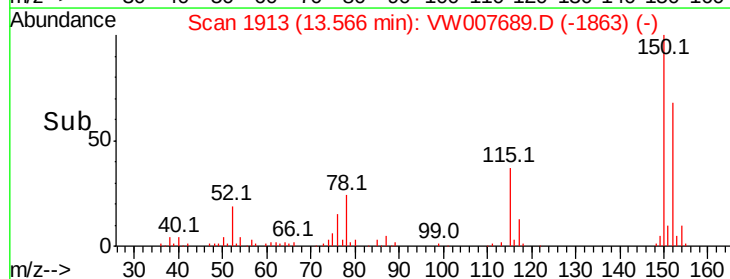
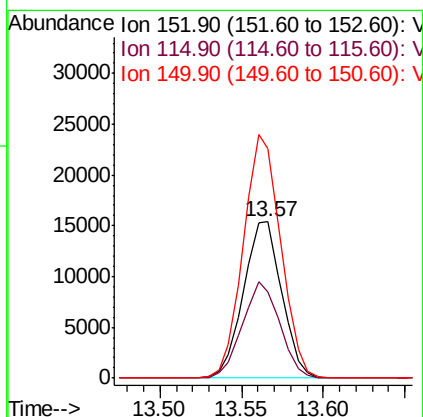
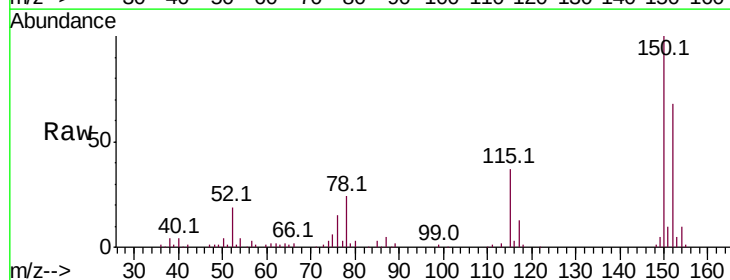
Instrument :
MSVOA_D
ClientSampleId :

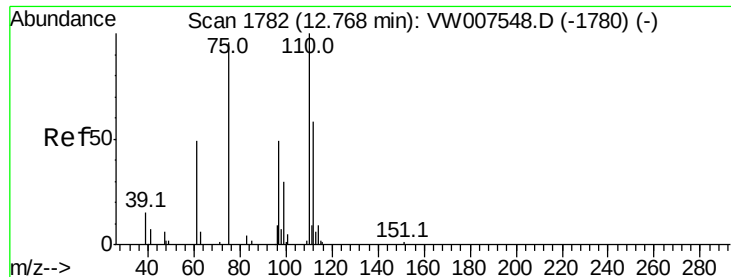
Tot Ion:117 Resp: 78076
Ion Ratio Lower Upper
117 100
82 54.6 42.3 63.5
119 32.2 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007689.D
Acq: 19 Dec 2018 06:42

Tgt Ion:152 Resp: 25139
Ion Ratio Lower Upper
152 100
115 60.0 31.4 94.2
150 152.4 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 57.112 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007689.D

Acq: 19 Dec 2018 06:42

Instrument :

MSVOA_D

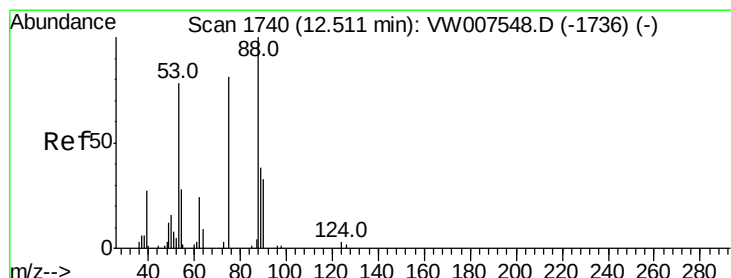
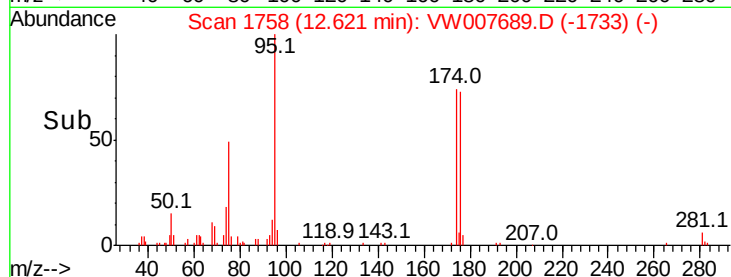
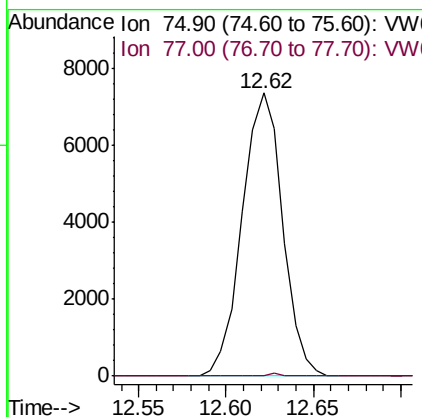
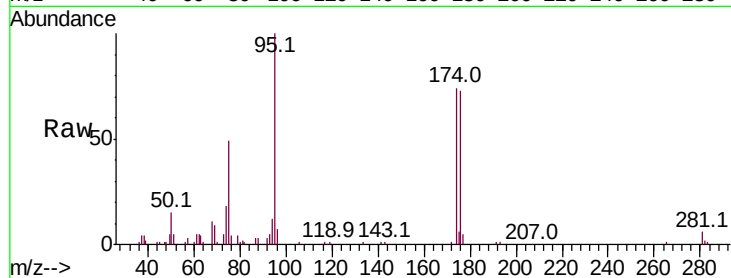
ClientSampled :

Tot Ion: 75 Resp: 11838

Ion Ratio Lower Upper

75 100

77 0.2 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.160 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007689.D

Acq: 19 Dec 2018 06:42

Tgt Ion: 75 Resp: 11838

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

