

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007736.D
 Acq On : 20 Dec 2018 09:24
 Operator : SY/AP
 Sample : J6386-03RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-02

Quant Time: Dec 20 10:11:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	24147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	44267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8731	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	18612	70.32	ug/l	0.00
Spiked Amount			Recovery	=	140.64%	
35) Dibromofluoromethane	7.88	113	14308	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
50) Toluene-d8	10.32	98	34484	33.87	ug/l	0.00
Spiked Amount			Recovery	=	67.74%	
62) 4-Bromofluorobenzene	12.62	95	8851	22.50	ug/l	0.00
Spiked Amount			Recovery	=	45.00%	

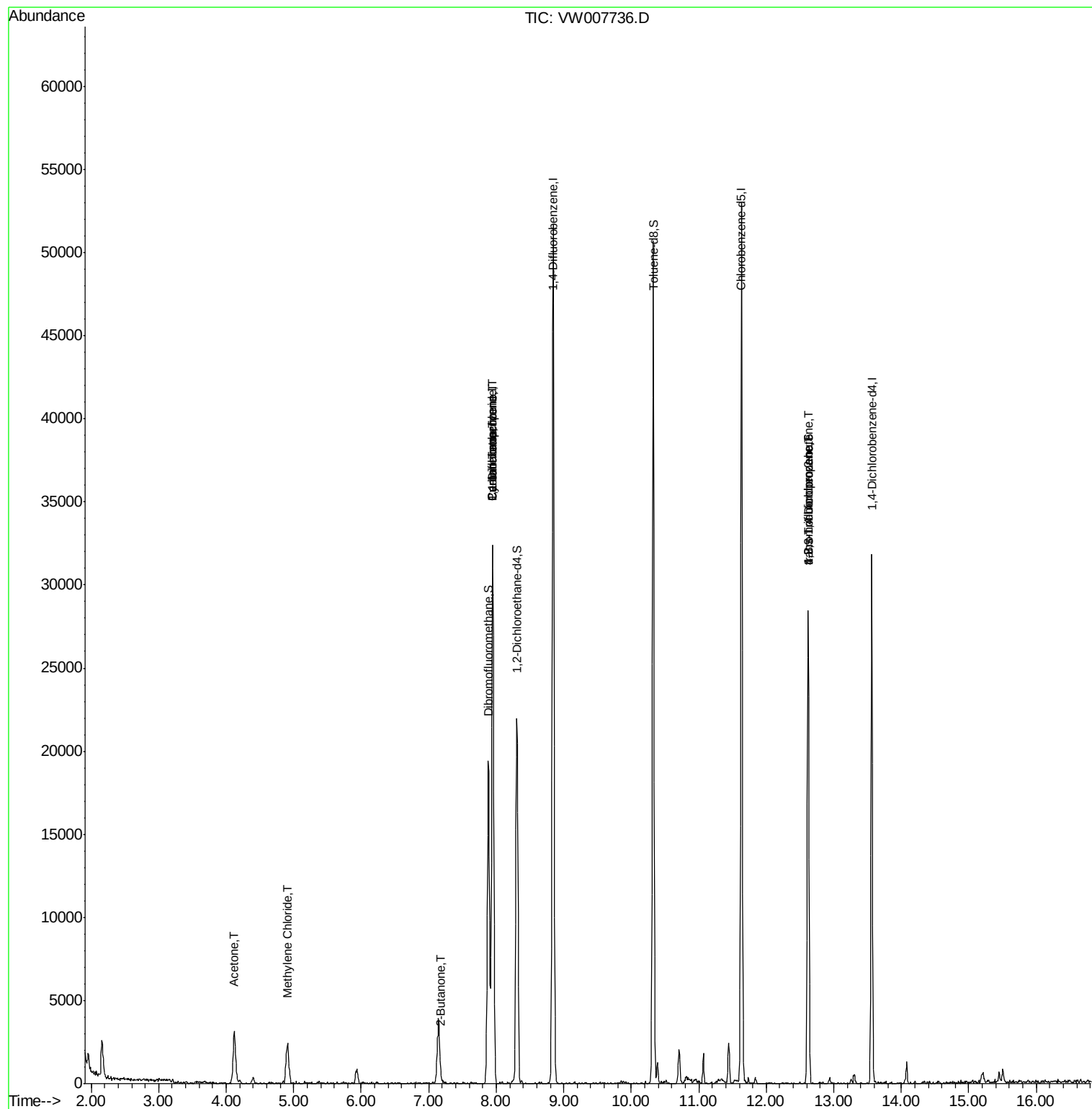
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	5651	114.022	ug/l	96
20) Methylene Chloride	4.91	84	2021	2.115	ug/l	88
25) 2-Butanone	7.18	43	108	1.860	ug/l #	44
31) Cyclohexane	7.95	56	614	1.558	ug/l #	23
36) 1,1-Dichloropropene	7.94	75	1896	4.438	ug/l #	47
38) Carbon Tetrachloride	7.95	117	2627	5.221	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	4566	67.662	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	4566	142.028	ug/l #	9

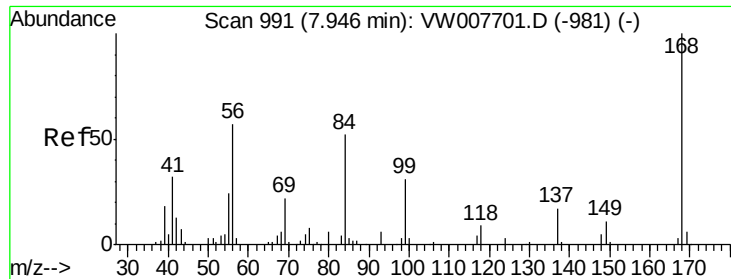
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007736.D

Acq: 20 Dec 2018 09:24

Instrument :

MSVOA_W

ClientSampleId :

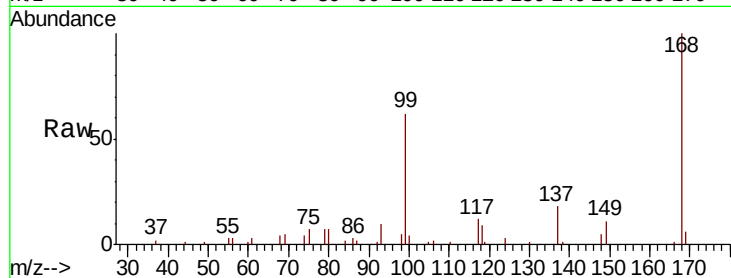
P001-SS016-0006-02

Tot Ion:168 Resp: 24147

Ion Ratio Lower Upper

168 100

99 61.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

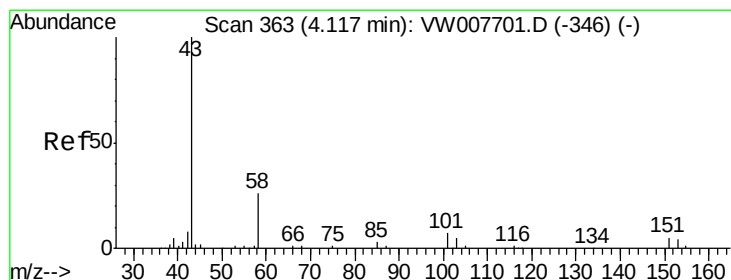
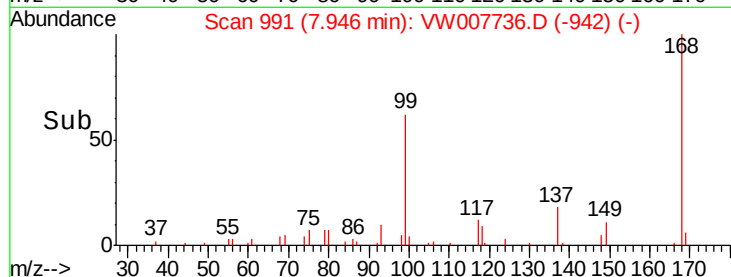
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 114.022 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007736.D

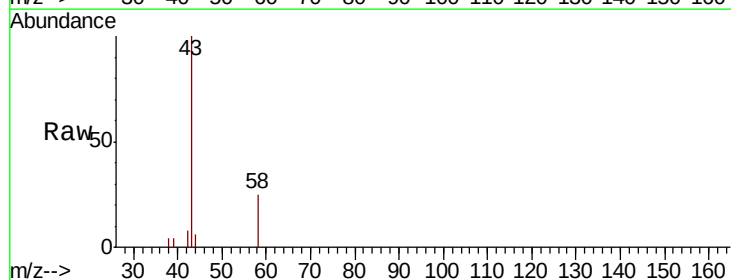
Acq: 20 Dec 2018 09:24

Tgt Ion: 43 Resp: 5651

Ion Ratio Lower Upper

43 100

58 24.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

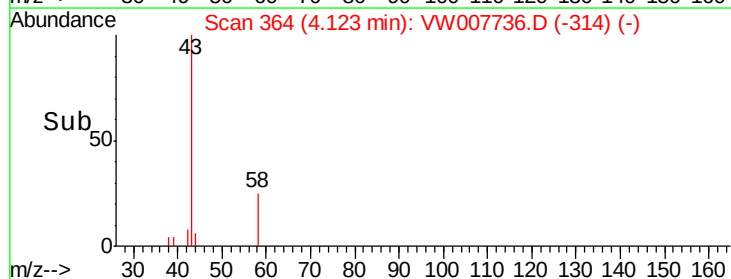
1500

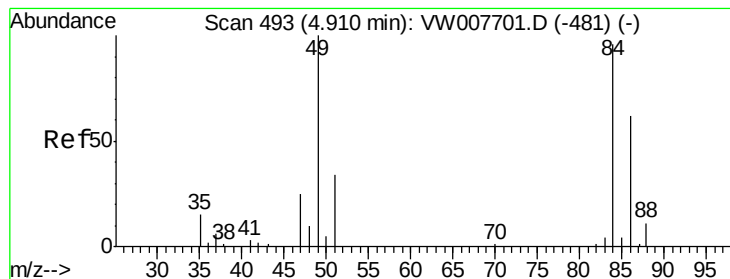
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 2.115 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007736.D

Acq: 20 Dec 2018 09:24

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-02

Tot Ion: 84 Resp: 2021

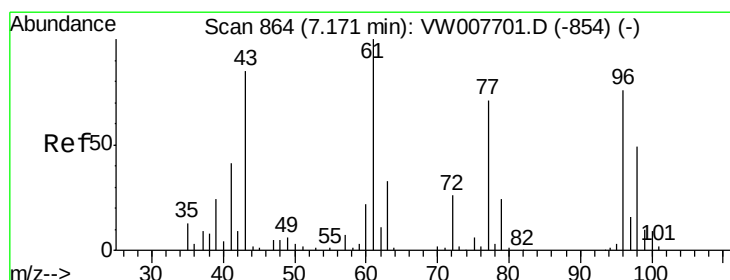
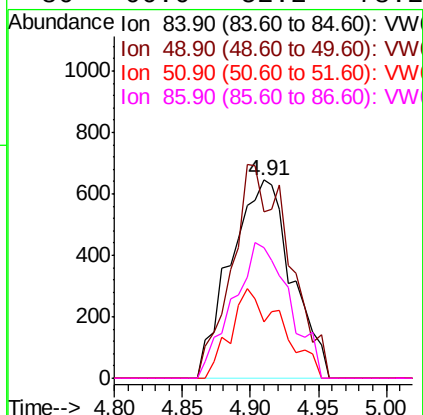
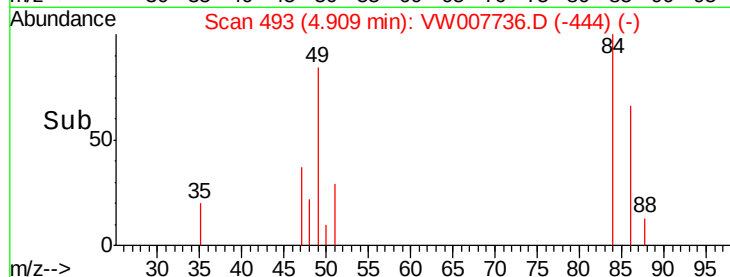
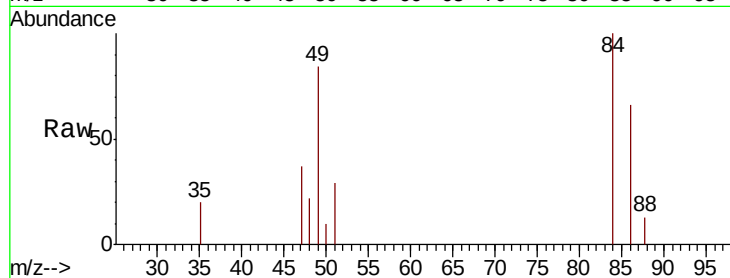
Ion Ratio Lower Upper

84 100

49 84.2 83.7 125.5

51 28.7 28.2 42.2

86 66.0 52.2 78.2



#25

2-Butanone

Concen: 1.860 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007736.D

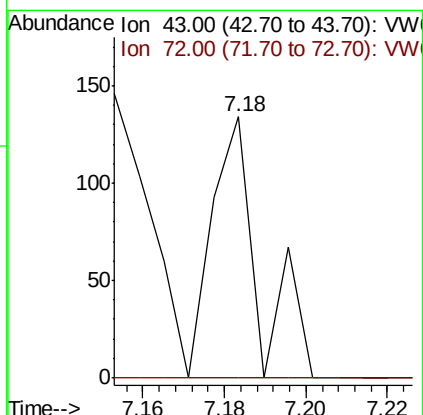
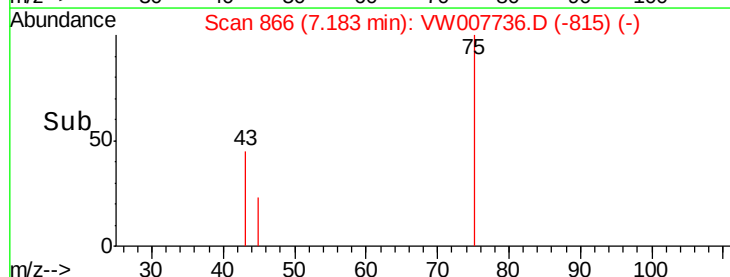
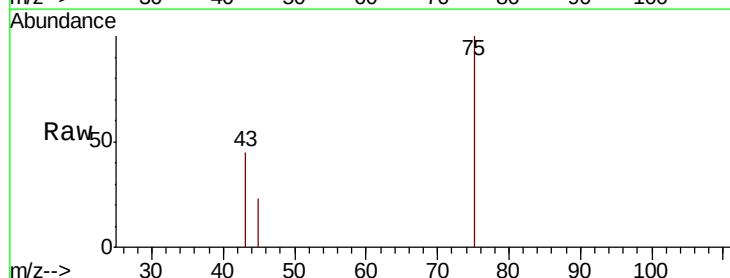
Acq: 20 Dec 2018 09:24

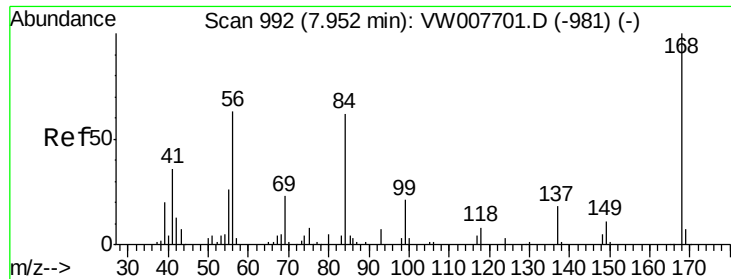
Tgt Ion: 43 Resp: 108

Ion Ratio Lower Upper

43 100

72 0.0 24.5 36.7#

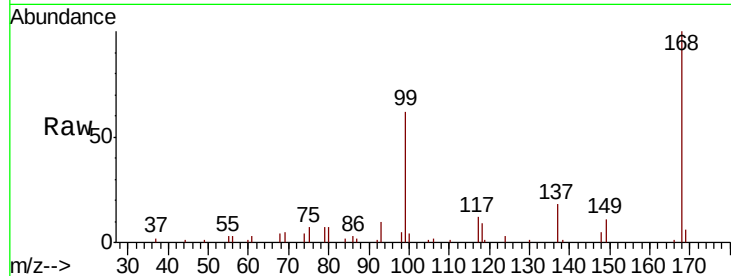




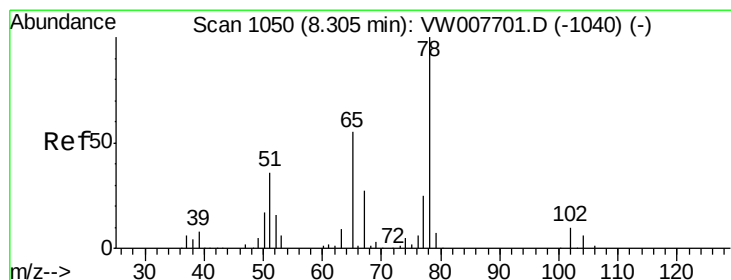
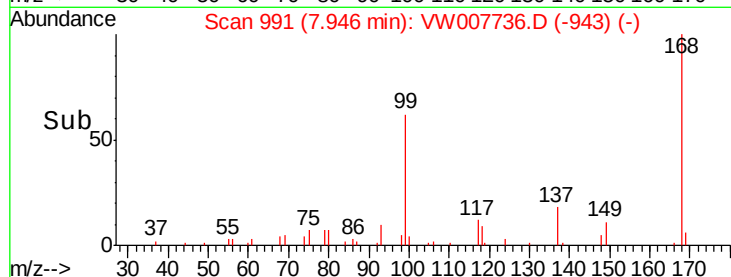
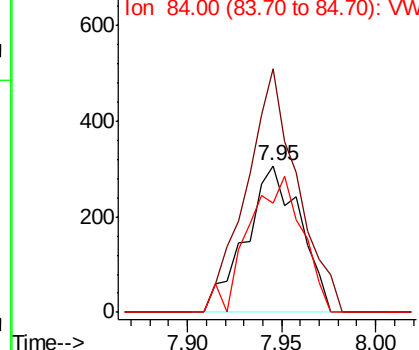
#31
Cyclohexane
Concen: 1.558 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007736.D
Acq: 20 Dec 2018 09:24

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-02

Tot Ion: 56 Resp: 614
Ion Ratio Lower Upper
56 100
69 165.8 29.7 44.5#
84 74.6 78.9 118.3#

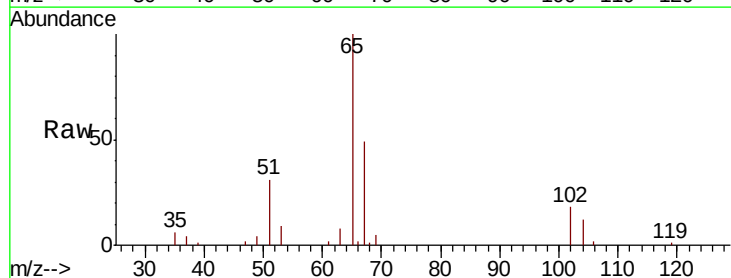


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

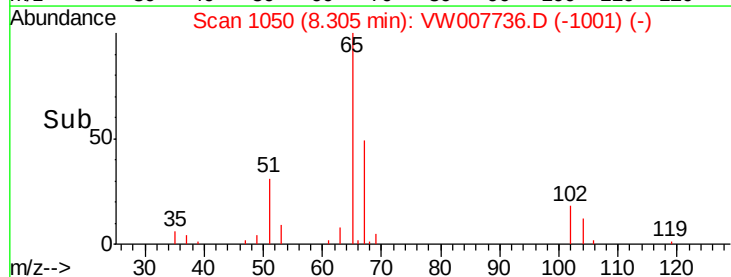
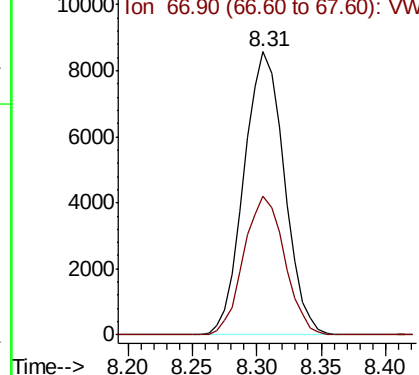


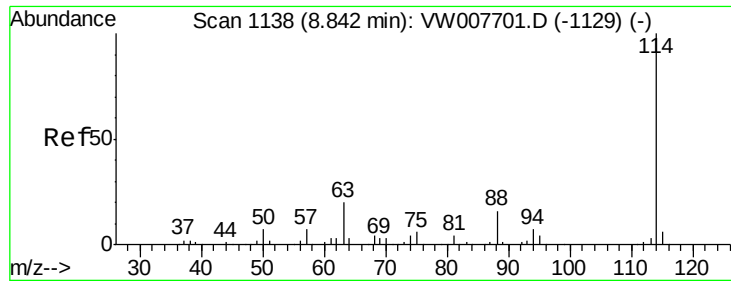
#33
1,2-Dichloroethane-d4
Concen: 70.324 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007736.D
Acq: 20 Dec 2018 09:24

Tgt Ion: 65 Resp: 18612
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.6



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

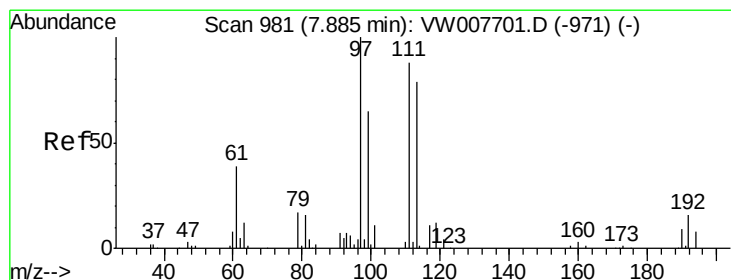
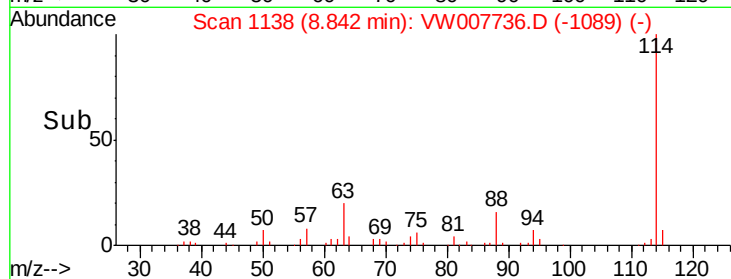
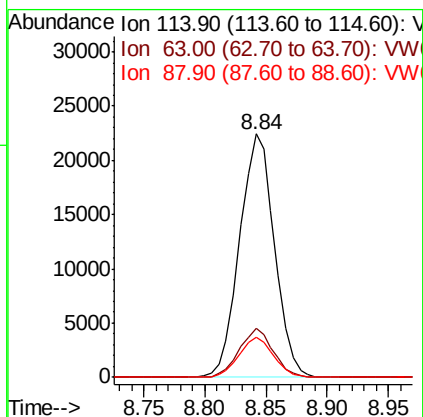
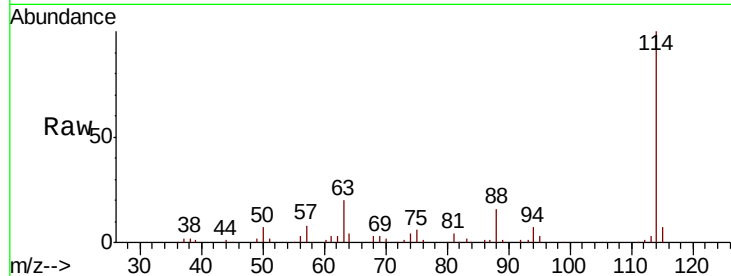




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007736.D
 Acq: 20 Dec 2018 09:24

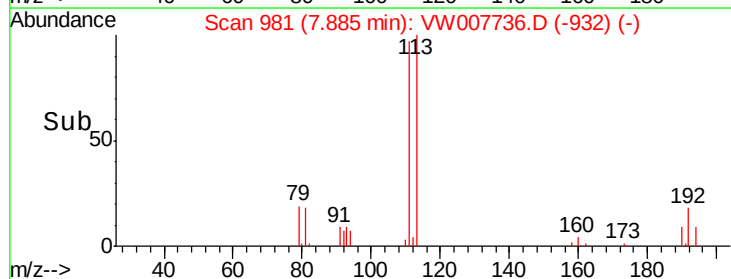
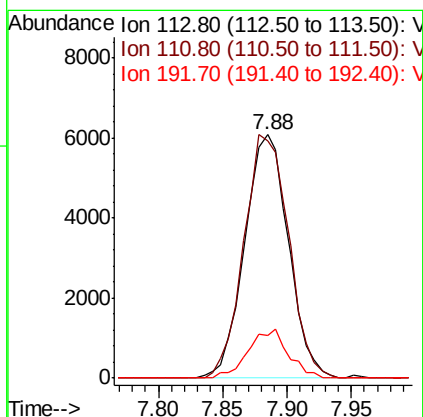
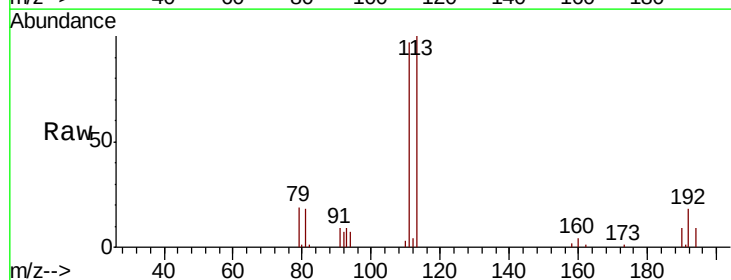
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-02

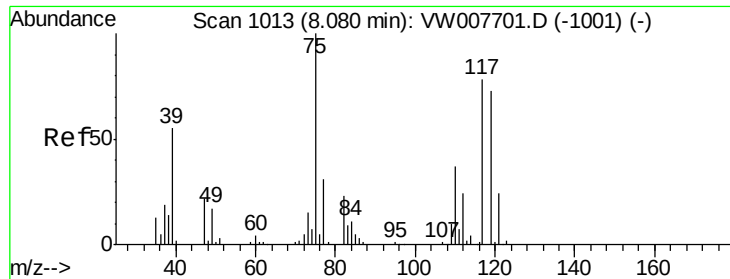
Tot Ion:114 Resp: 44267
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 16.4 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 52.983 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007736.D
 Acq: 20 Dec 2018 09:24

Tgt Ion:113 Resp: 14308
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 124.0
 192 18.2 15.5 23.3





#36

1,1-Dichloropropene

Concen: 4.438 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW007736.D

Acq: 20 Dec 2018 09:24

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-02

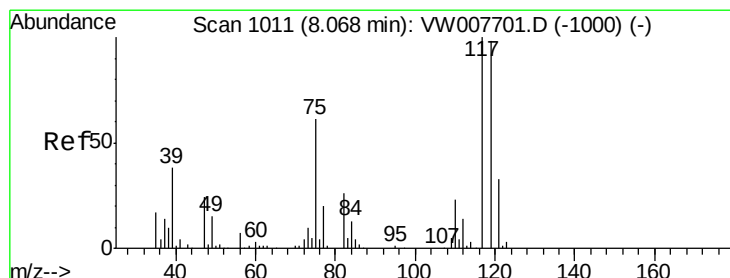
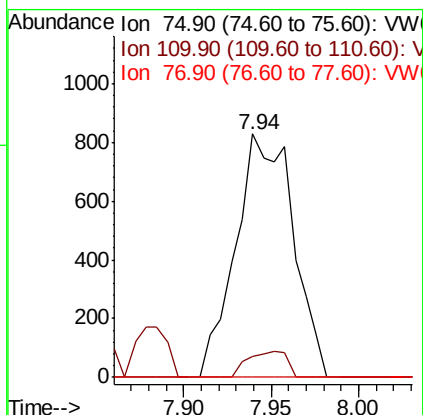
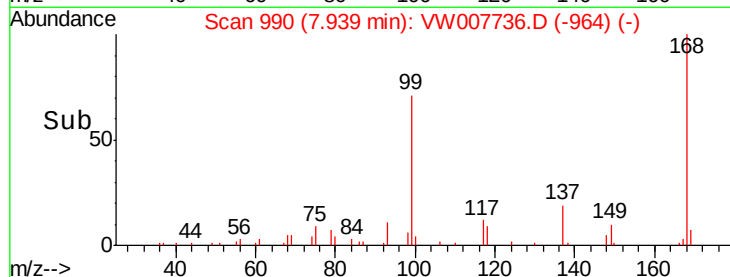
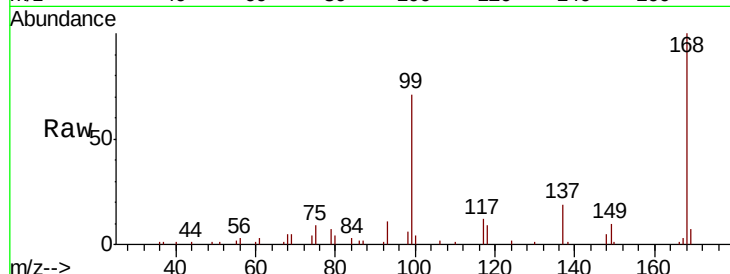
Tot Ion: 75 Resp: 1896

Ion Ratio Lower Upper

75 100

110 7.2 18.6 55.8#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.221 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007736.D

Acq: 20 Dec 2018 09:24

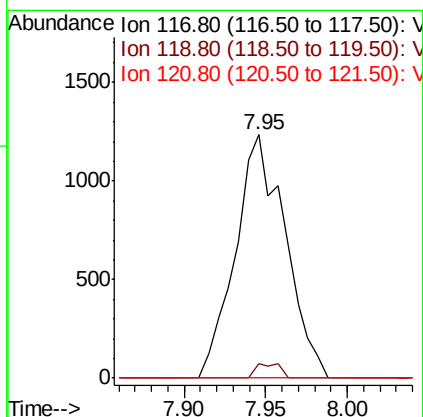
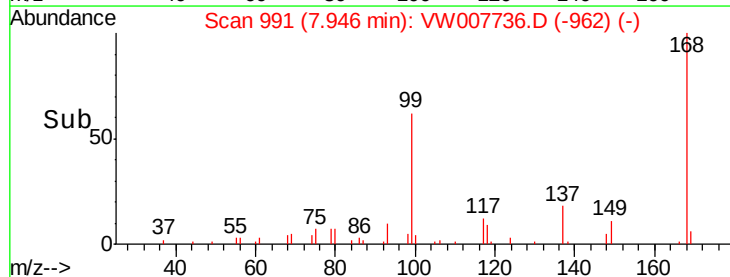
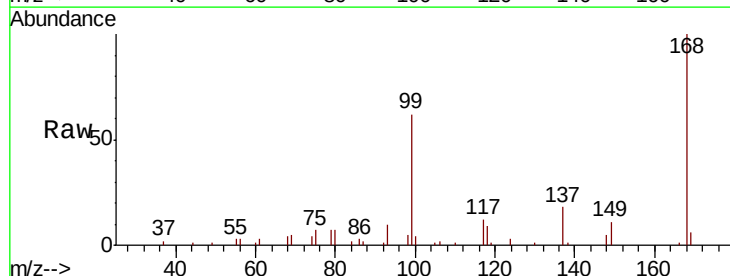
Tgt Ion: 117 Resp: 2627

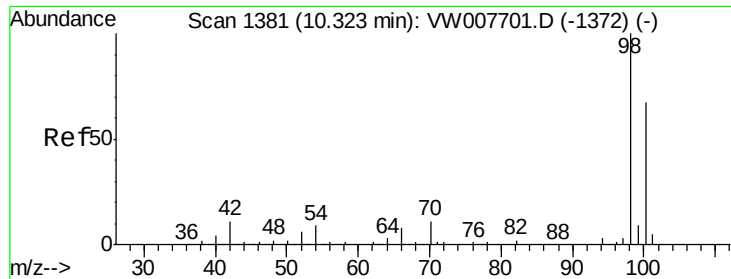
Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

121 0.0 26.1 39.1#





#50

Toluene-d8

Concen: 33.872 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007736.D

Acq: 20 Dec 2018 09:24

Instrument :

MSVOA_W

ClientSampleId :

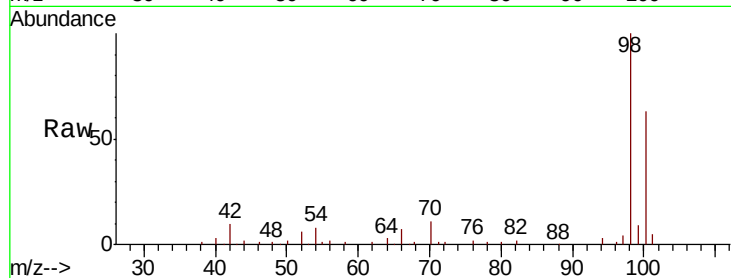
P001-SS016-0006-02

Tot Ion: 98 Resp: 34484

Ion Ratio Lower Upper

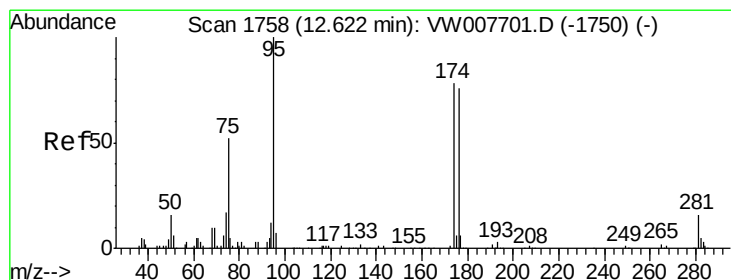
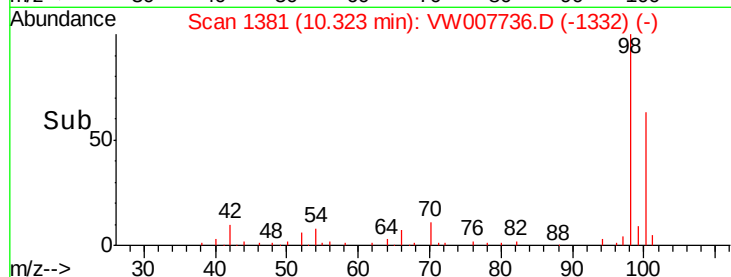
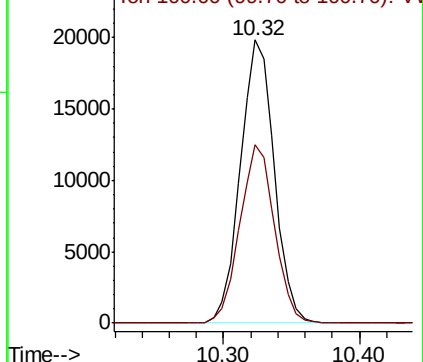
98 100

100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 22.505 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW007736.D

Acq: 20 Dec 2018 09:24

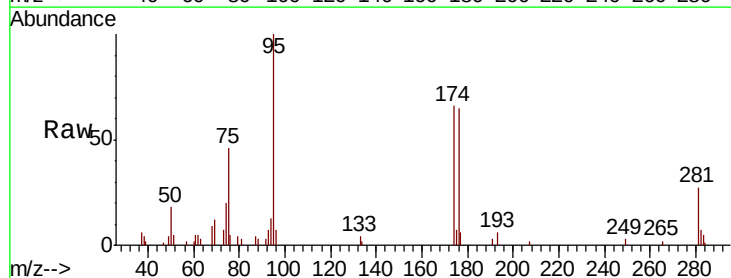
Tgt Ion: 95 Resp: 8851

Ion Ratio Lower Upper

95 100

174 77.7 0.0 152.2

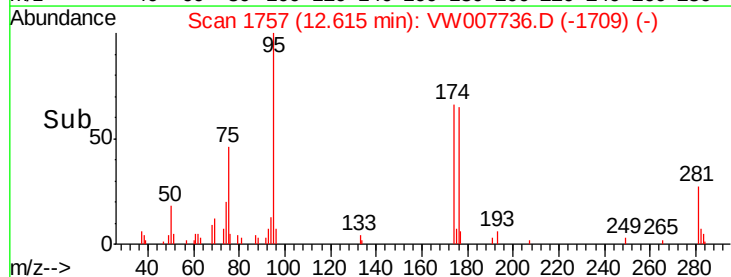
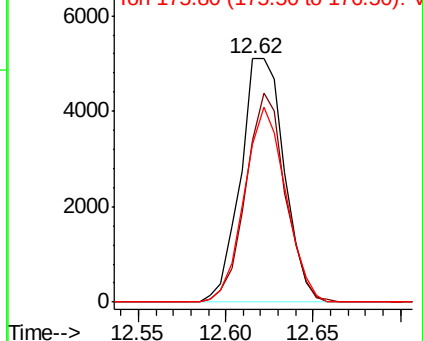
176 75.7 0.0 146.8

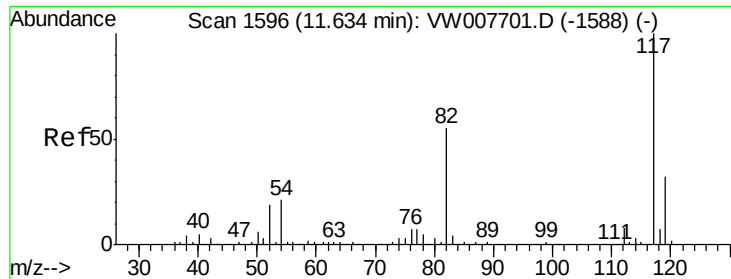


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

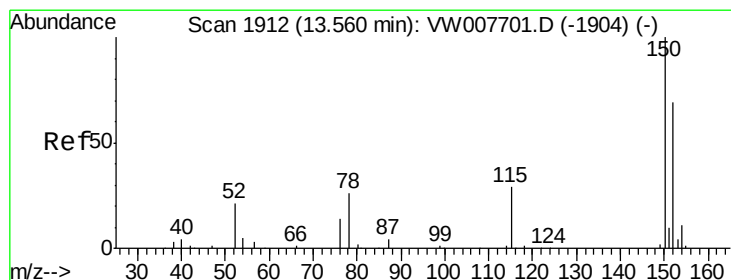
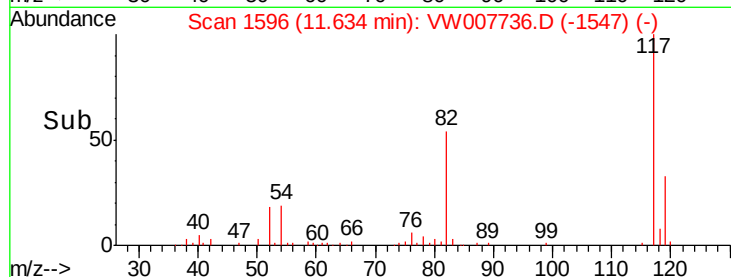
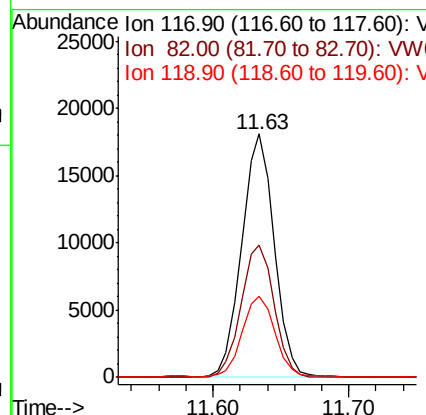
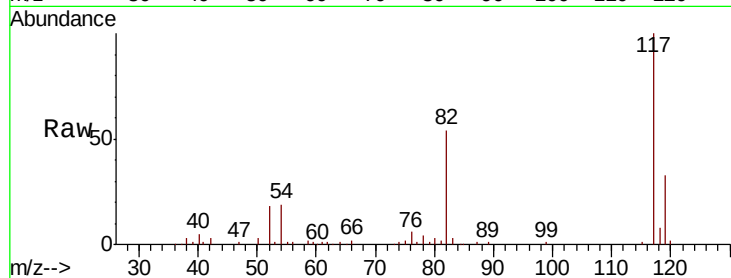




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007736.D
Acq: 20 Dec 2018 09:24

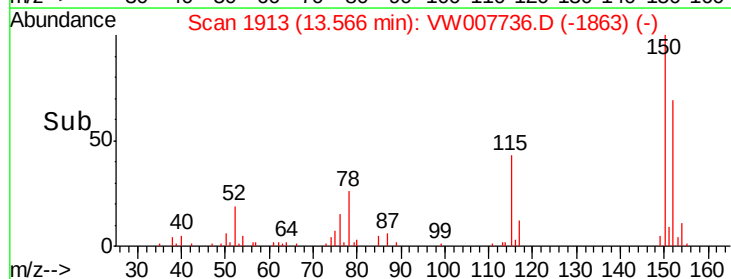
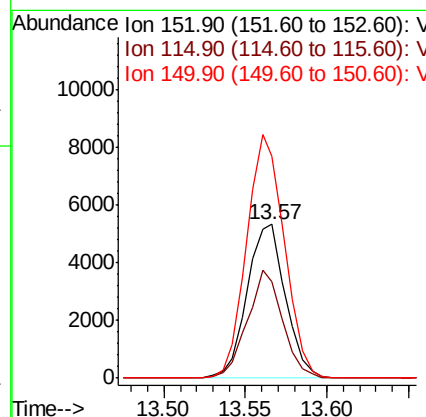
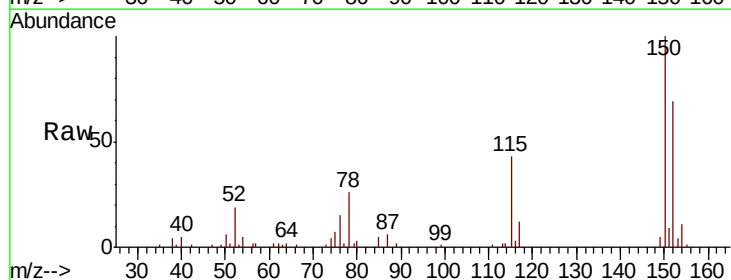
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P001-SS016-0006-02

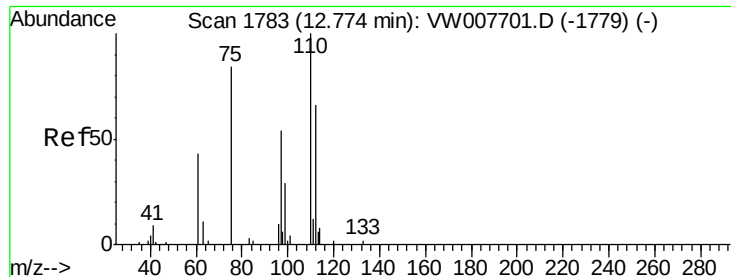
Tot Ion:117 Resp: 30189
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007736.D
Acq: 20 Dec 2018 09:24

Tgt Ion:152 Resp: 8731
Ion Ratio Lower Upper
152 100
115 64.2 31.8 95.4
150 155.3 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 67.662 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007736.D

Acq: 20 Dec 2018 09:24

Instrument :

MSVOA_W

ClientSampleId :

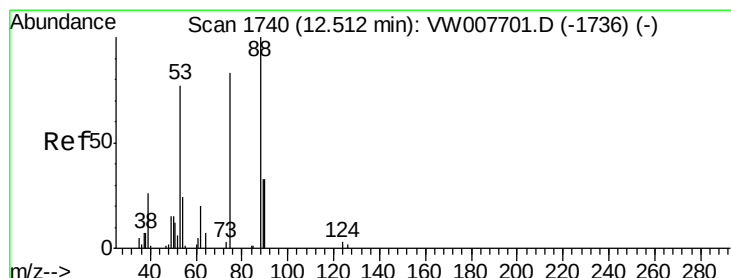
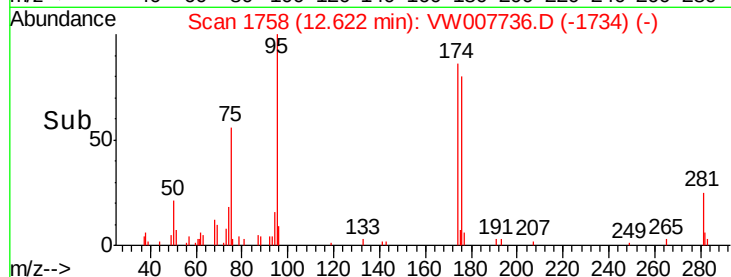
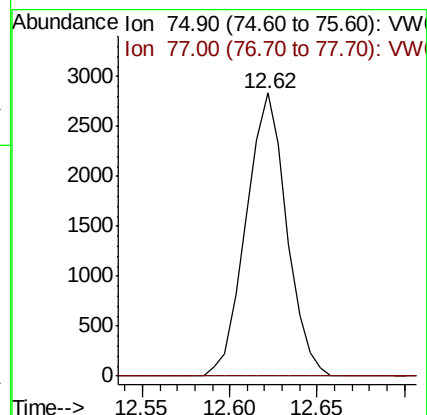
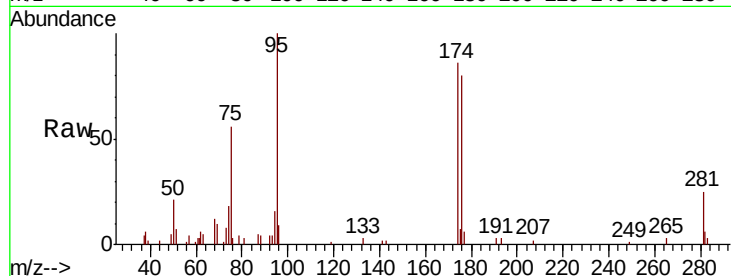
P001-SS016-0006-02

Tot Ion: 75 Resp: 4566

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 142.028 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007736.D

Acq: 20 Dec 2018 09:24

Tgt Ion: 75 Resp: 4566

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

