

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008655.D
 Acq On : 13 Feb 2019 22:51
 Operator : SY/VA
 Sample : K1462-07
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D

Quant Time: Feb 14 04:46:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	557077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	487179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245528	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	206683	53.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.48%	
35) Dibromofluoromethane	7.88	113	175095	50.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.24%	
50) Toluene-d8	10.32	98	653359	49.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.62	95	235122	46.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.62%	

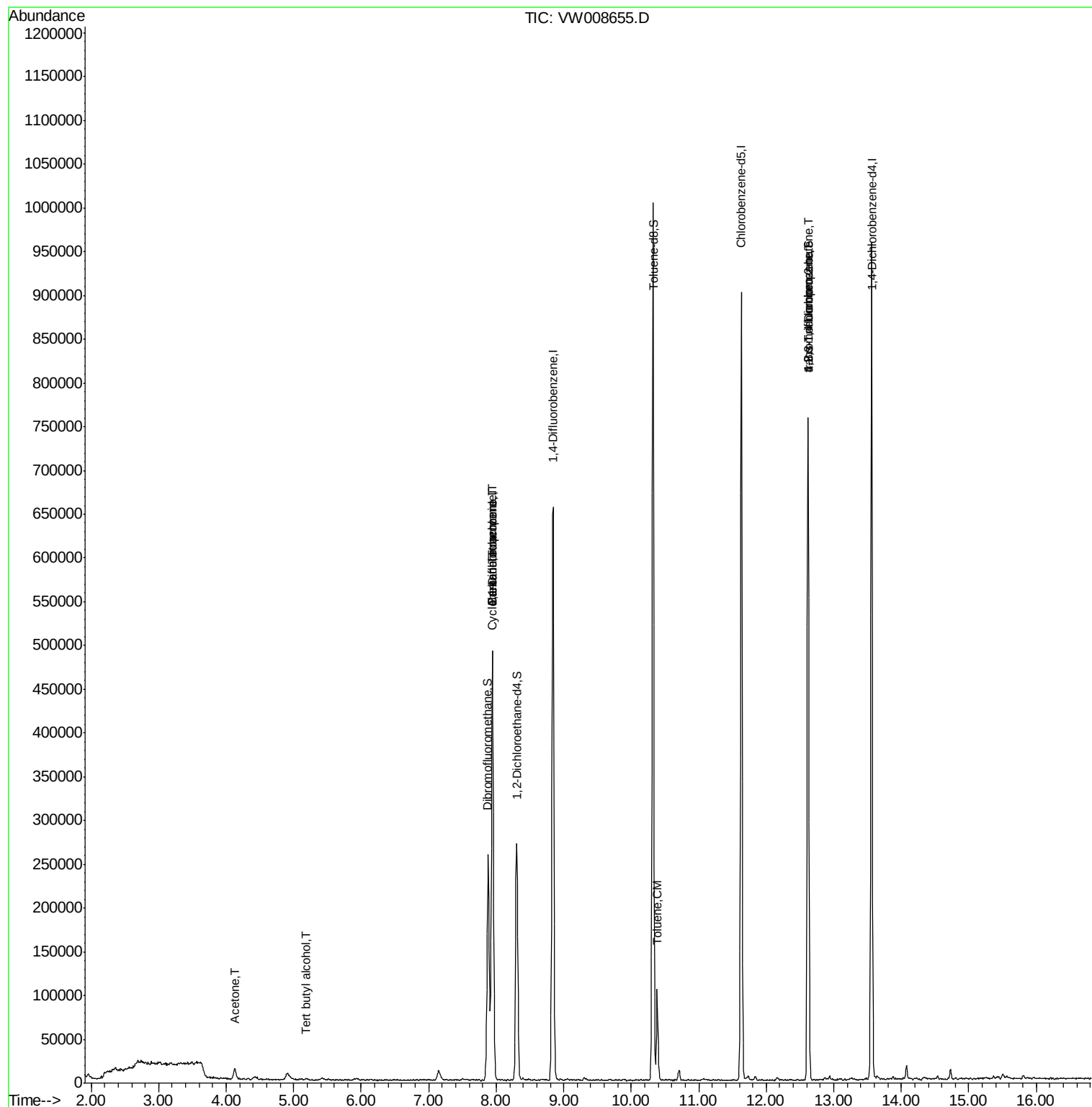
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	709	2.283	ug/l #	77
16) Acetone	4.13	43	21559	24.404	ug/l	90
20) Methylene Chloride	4.92	84	6669	Below Cal	#	82
31) Cyclohexane	7.93	56	8340	1.175	ug/l #	54
36) 1,1-Dichloropropene	7.94	75	27068	4.836	ug/l #	51
38) Carbon Tetrachloride	7.95	117	36723	6.598	ug/l #	16
52) Toluene	10.38	92	43506	4.412	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	121371	50.061	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	121371	107.332	ug/l #	6

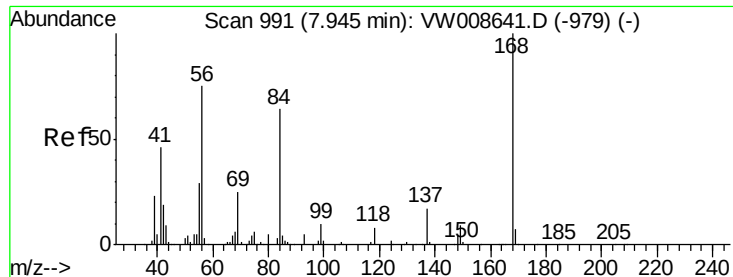
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
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: VW008655.D

Acq: 13 Feb 2019 22:51

Instrument :

MSVOA_W

ClientSampleId :

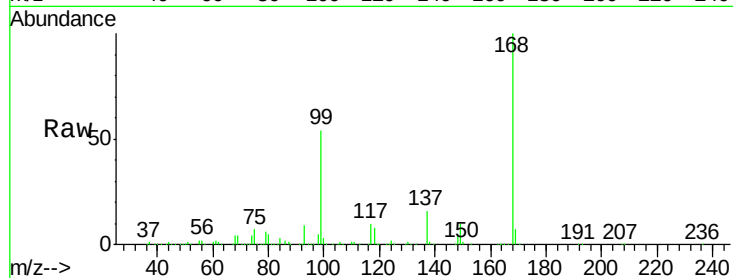
TP-2-D

Tot Ion:168 Resp: 373421

Ion Ratio Lower Upper

168 100

99 53.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

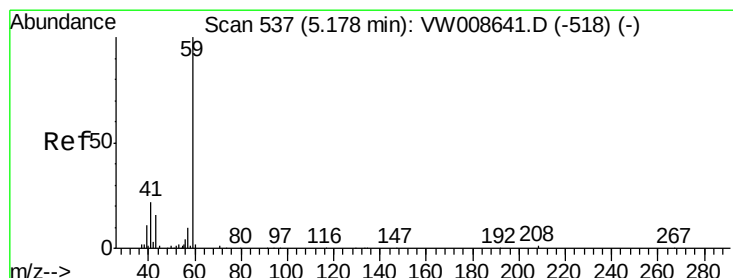
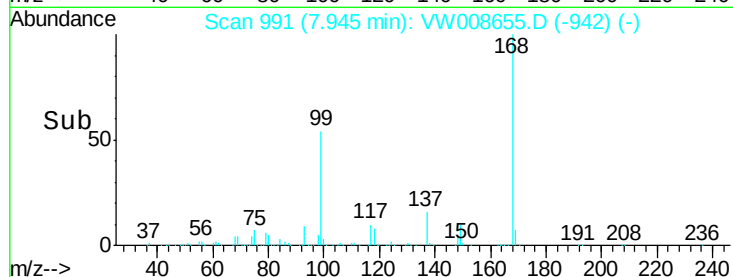
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.283 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.01 min

Lab File: VW008655.D

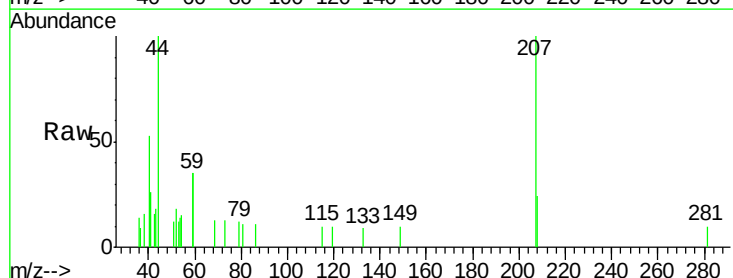
Acq: 13 Feb 2019 22:51

Tgt Ion: 59 Resp: 709

Ion Ratio Lower Upper

59 100

57 19.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

500

400

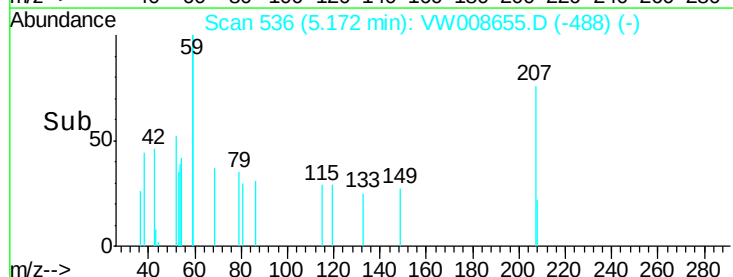
300

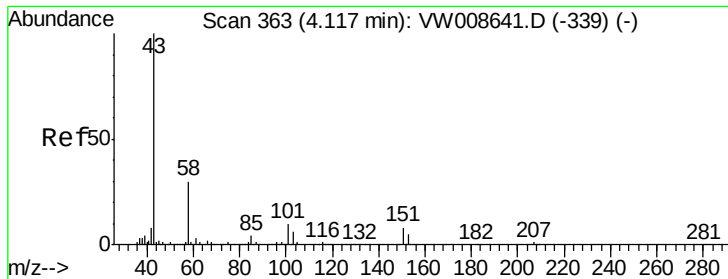
200

100

0

Time-->

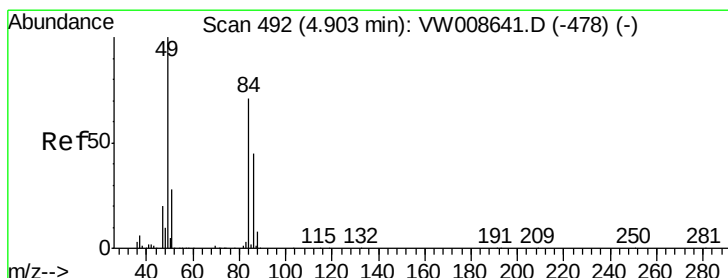
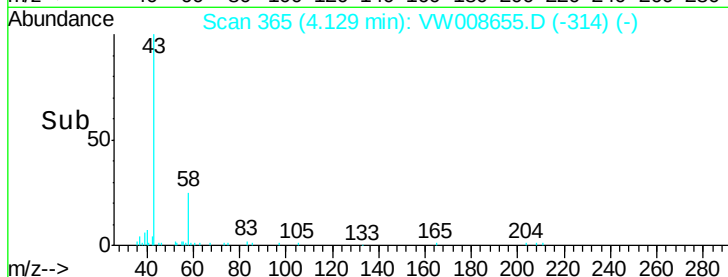
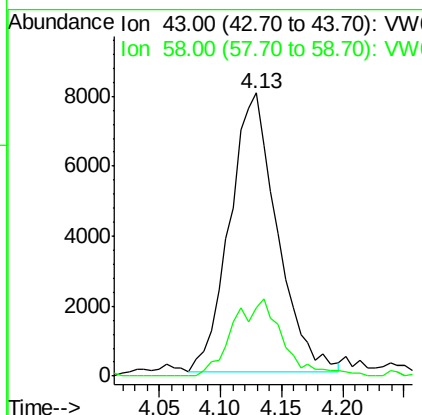
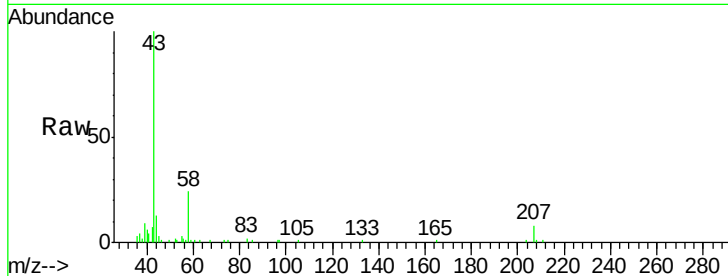




#16
 Acetone
 Concen: 24.404 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW008655.D
 Acq: 13 Feb 2019 22:51

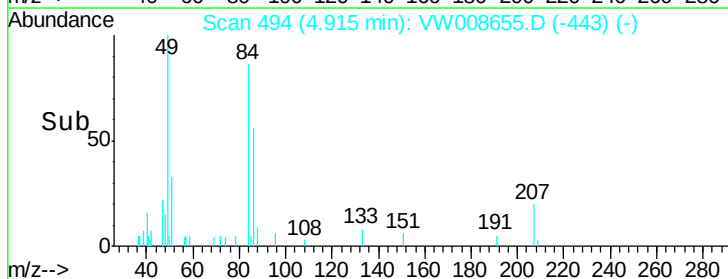
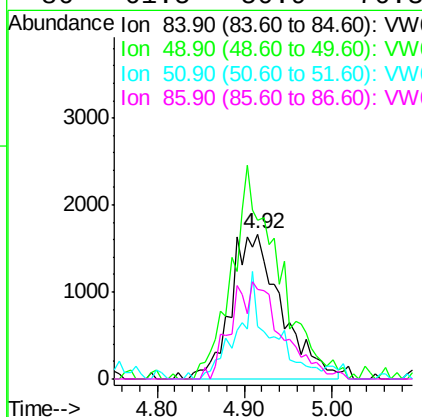
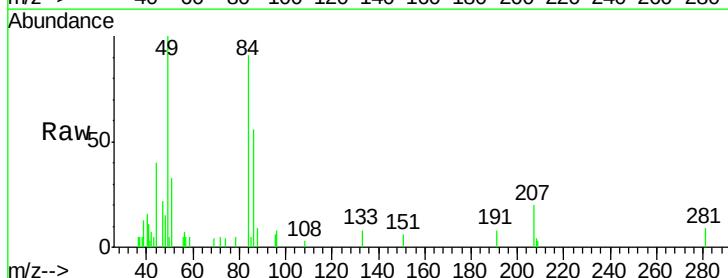
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D

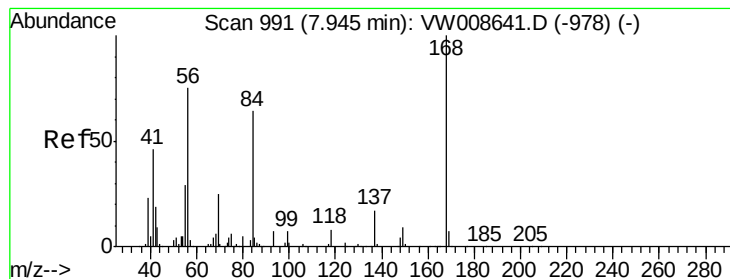
Tot Ion: 43 Resp: 21559
 Ion Ratio Lower Upper
 43 100
 58 24.6 24.1 36.1



#20
 Methylene Chloride
 Concen: Below Cal
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW008655.D
 Acq: 13 Feb 2019 22:51

Tgt Ion: 84 Resp: 6669
 Ion Ratio Lower Upper
 84 100
 49 109.9 113.3 169.9#
 51 32.2 32.1 48.1
 86 61.5 50.9 76.3





#31

Cyclohexane

Concen: 1.175 ug/l

RT: 7.93 min Scan# 989

Delta R.T. -0.01 min

Lab File: VW008655.D

Acq: 13 Feb 2019 22:51

Instrument :

MSVOA_W

ClientSampled :

TP-2-D

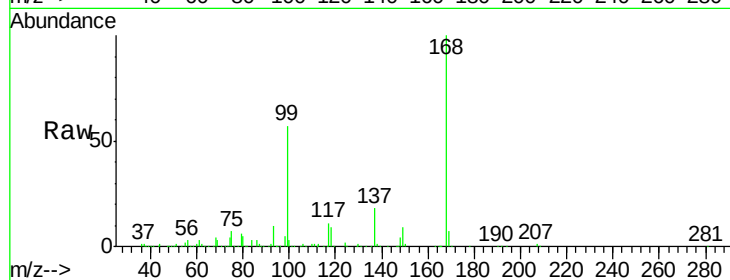
Tot Ion: 56 Resp: 8340

Ion Ratio Lower Upper

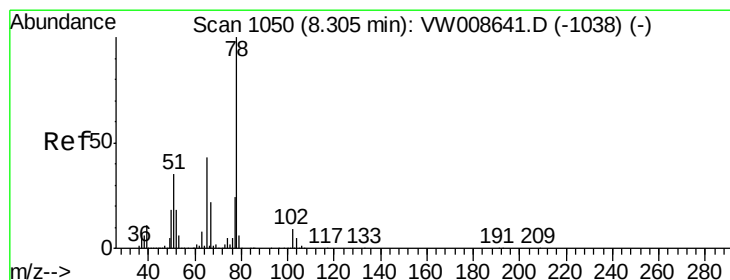
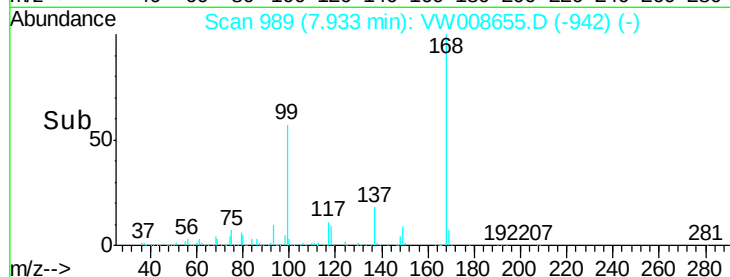
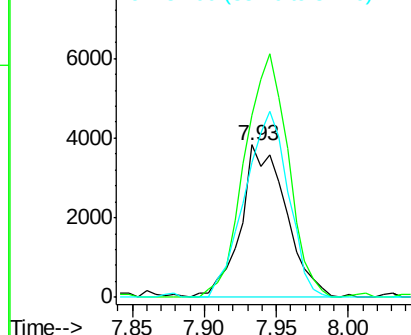
56 100

69 119.2 26.4 39.6#

84 88.2 67.4 101.2



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: 53.239 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008655.D

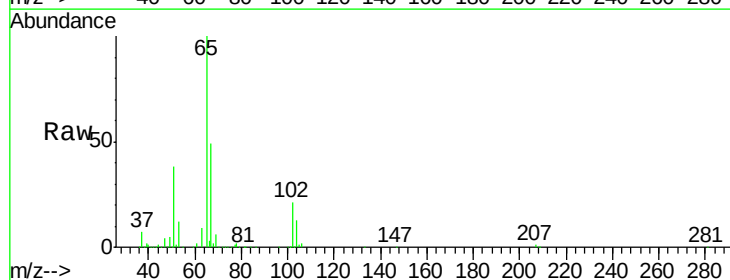
Acq: 13 Feb 2019 22:51

Tgt Ion: 65 Resp: 206683

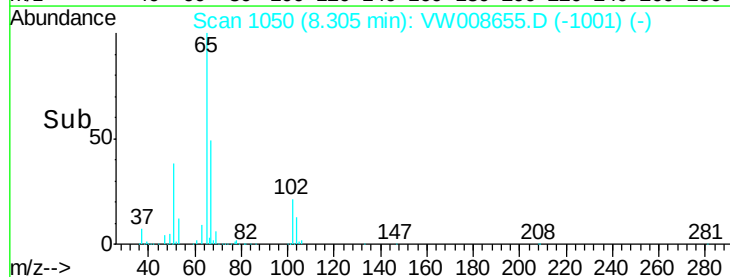
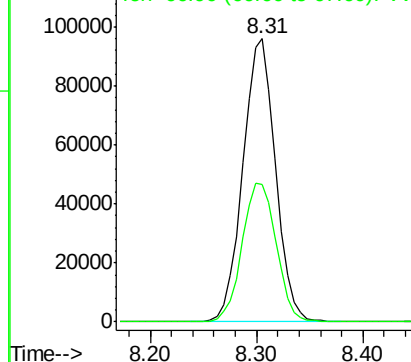
Ion Ratio Lower Upper

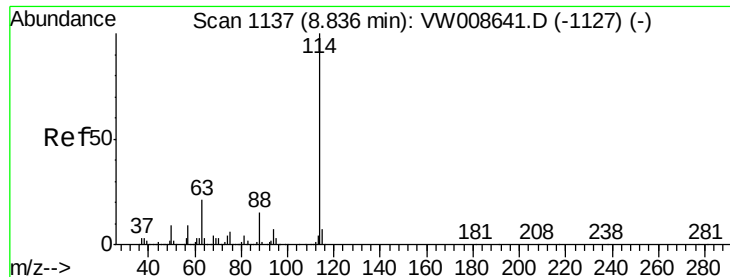
65 100

67 51.3 0.0 102.0



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. 0.01 min

Lab File: VW008655.D

Acq: 13 Feb 2019 22:51

Instrument :

MSVOA_W

ClientSampleId :

TP-2-D

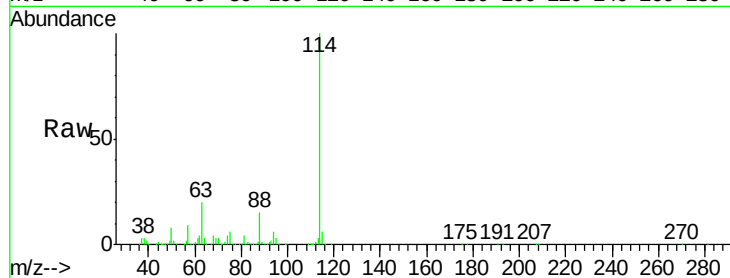
Tot Ion:114 Resp: 557077

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.2

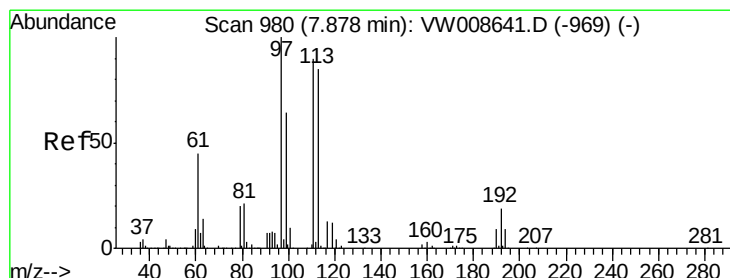
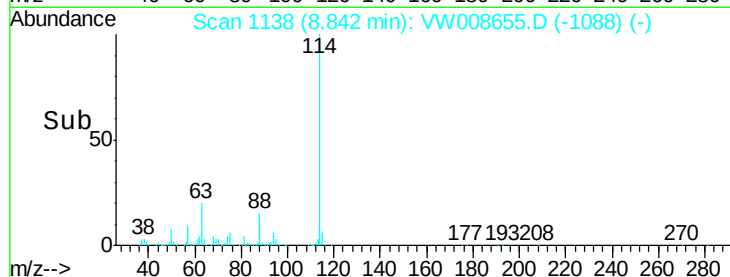
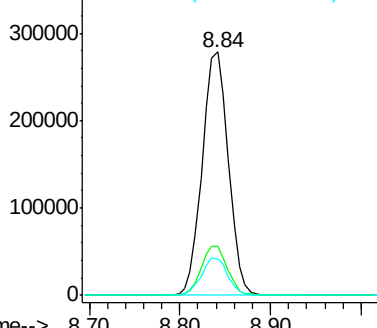
88 14.7 0.0 29.6



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: 50.619 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW008655.D

Acq: 13 Feb 2019 22:51

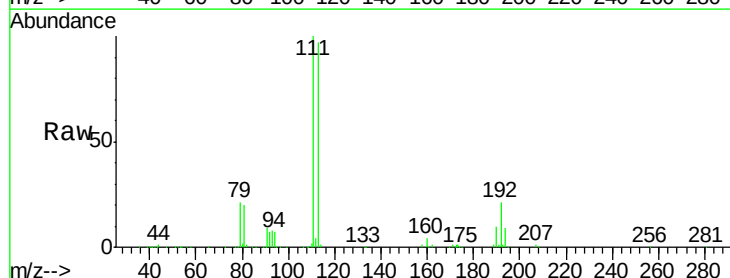
Tgt Ion:113 Resp: 175095

Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

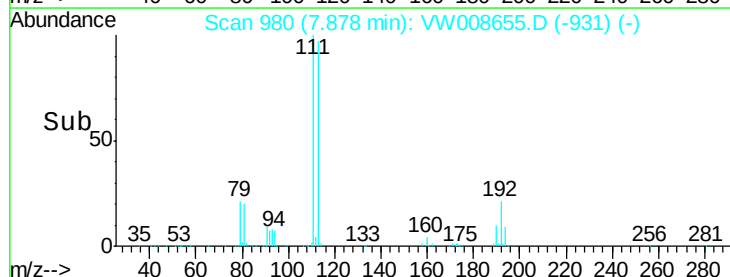
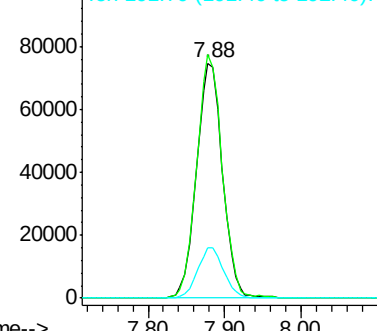
192 21.5 17.4 26.2

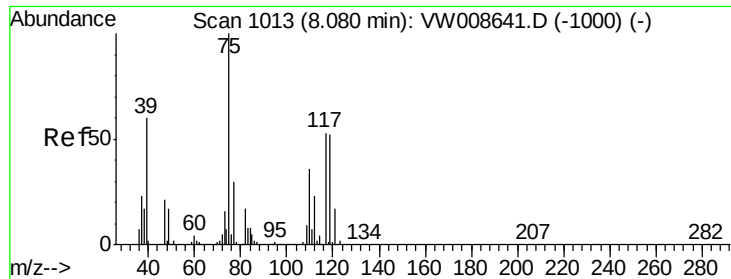


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

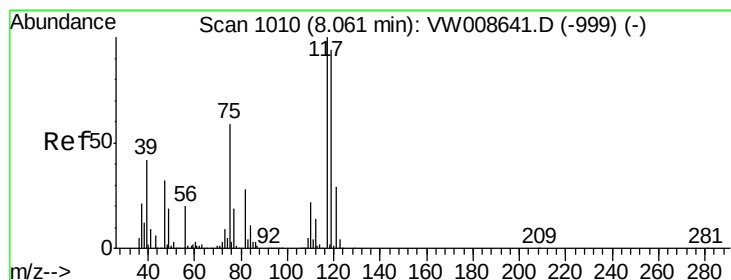
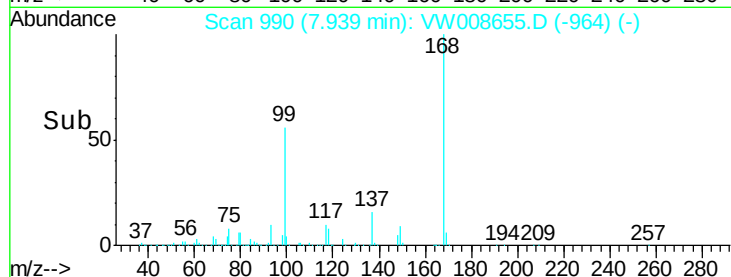
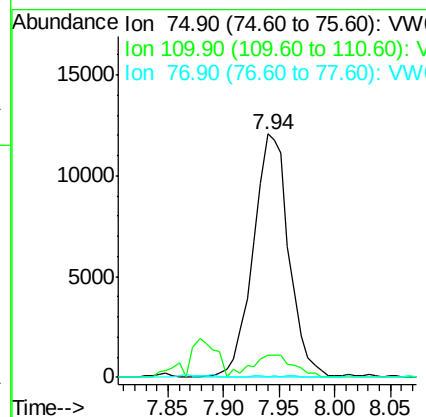
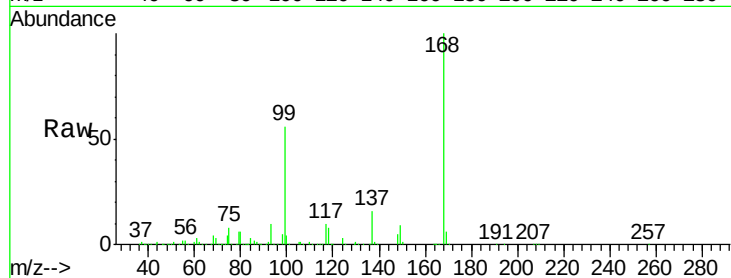




#36
 1,1-Dichloropropene
 Concen: 4.836 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008655.D
 Acq: 13 Feb 2019 22:51

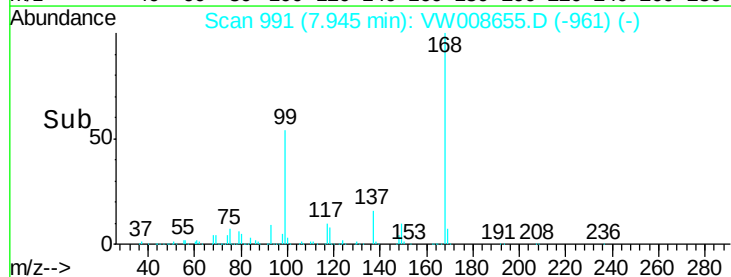
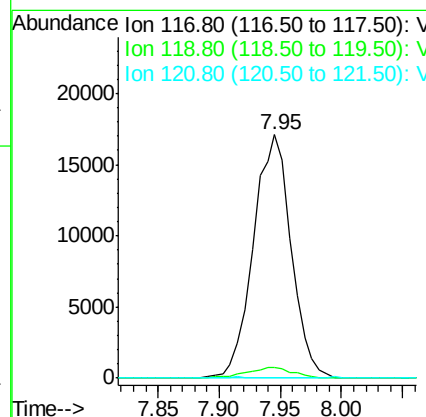
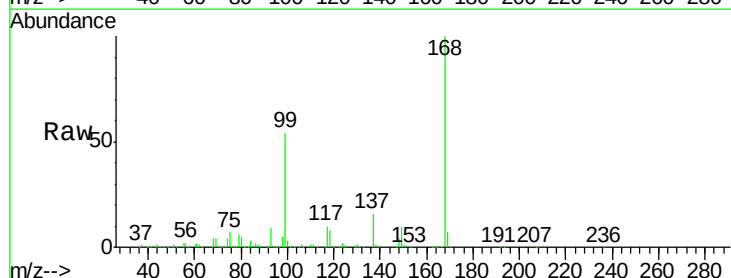
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D

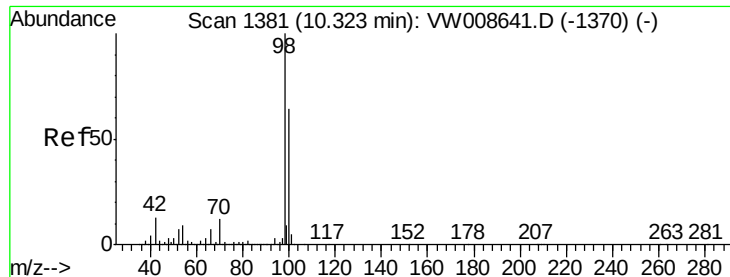
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.8	53.3#
77	0.4	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.598 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008655.D
 Acq: 13 Feb 2019 22:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.1	112.7#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 48.998 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008655.D

Acq: 13 Feb 2019 22:51

Instrument :

MSVOA_W

ClientSampled :

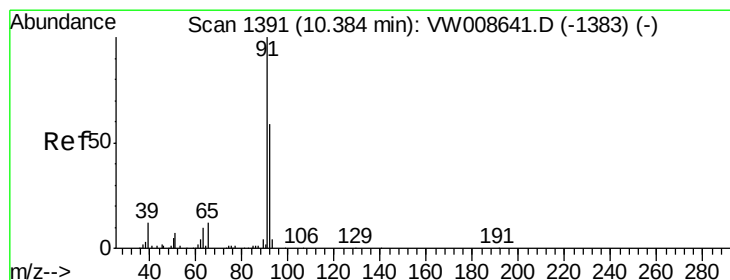
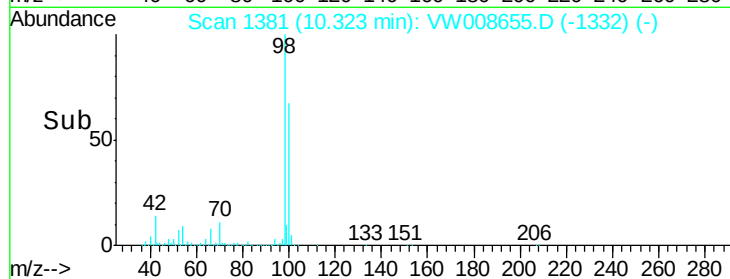
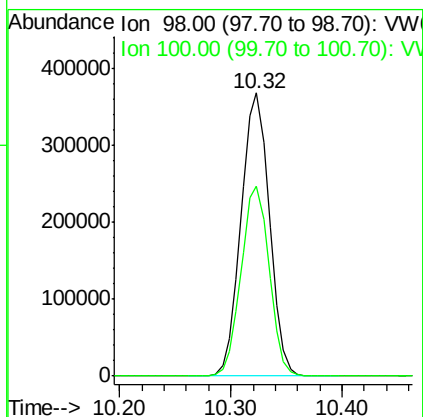
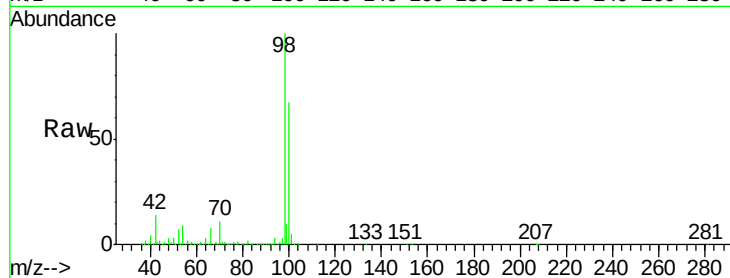
TP-2-D

Tot Ion: 98 Resp: 653359

Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.4



#52

Toluene

Concen: 4.412 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008655.D

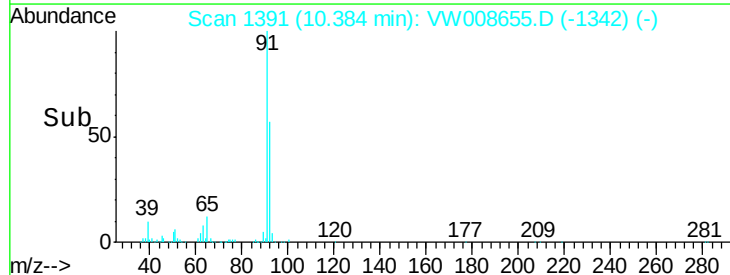
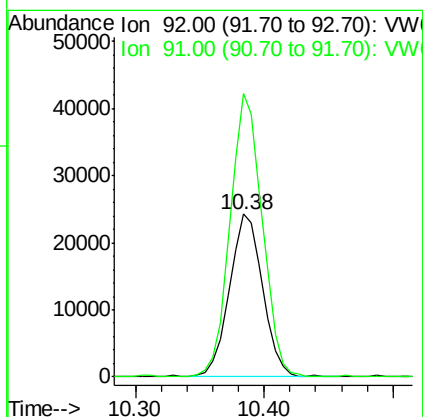
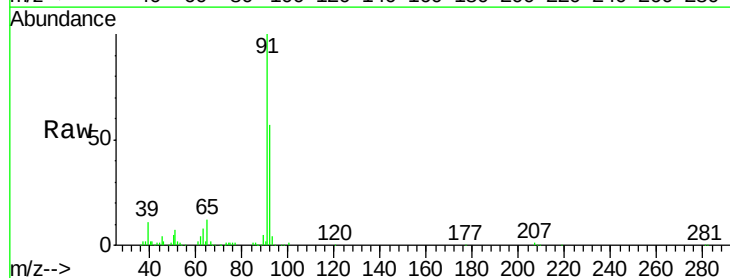
Acq: 13 Feb 2019 22:51

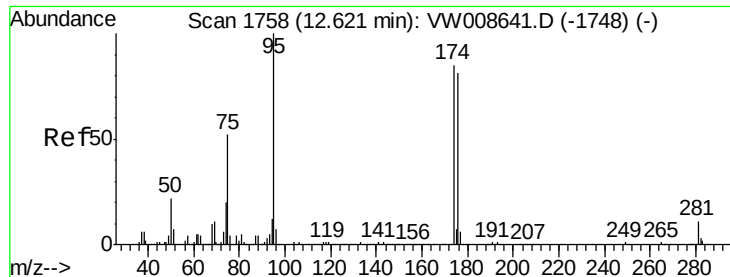
Tgt Ion: 92 Resp: 43506

Ion Ratio Lower Upper

92 100

91 168.4 135.8 203.6

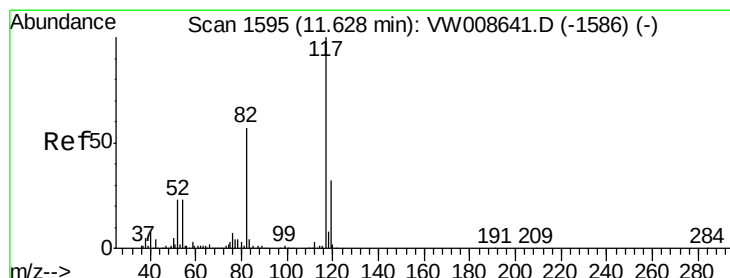
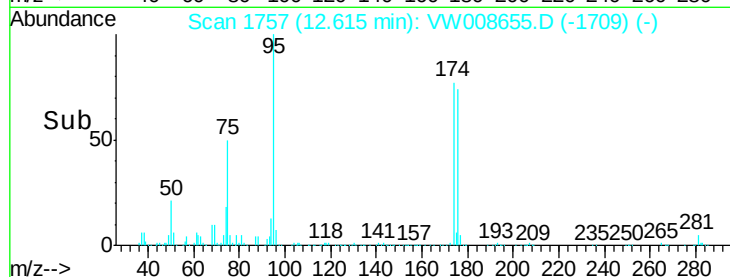
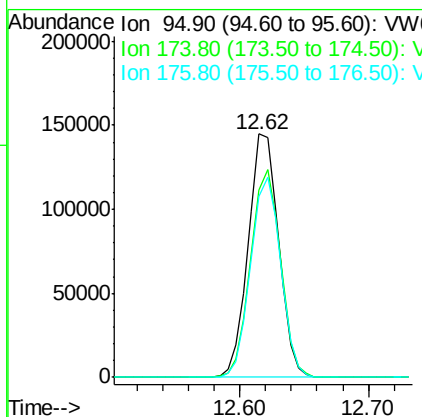
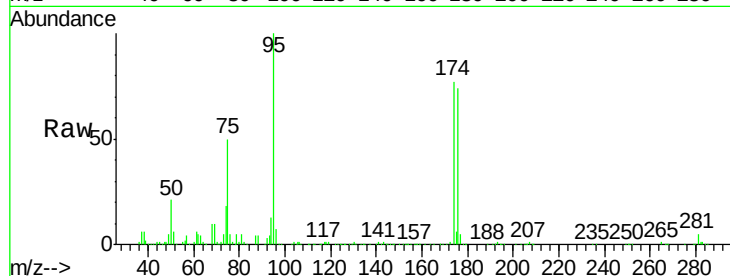




#62
4-Bromofluorobenzene
Concen: 46.813 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008655.D
Acq: 13 Feb 2019 22:51

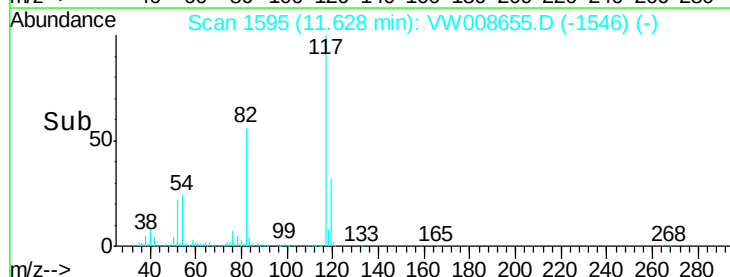
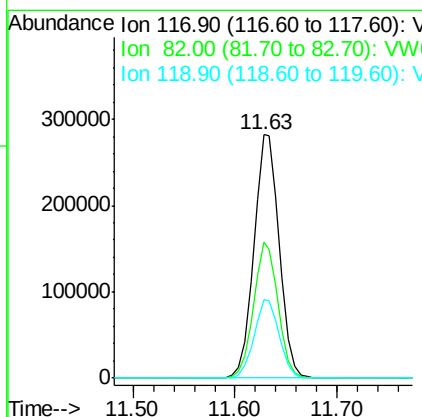
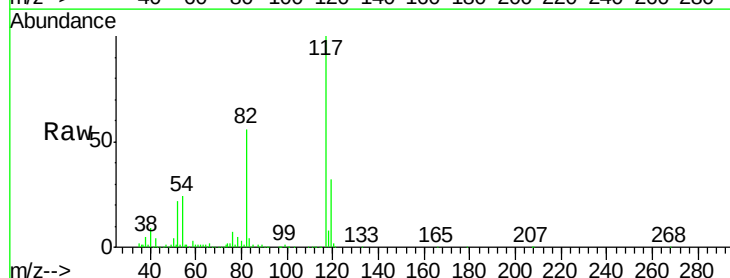
Instrument :
MSVOA_W
ClientSampleId :
TP-2-D

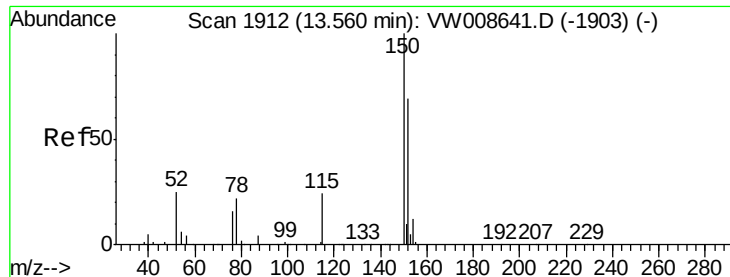
Tot Ion	95	Resp	235122
Ion Ratio	Lower	Upper	
95	100		
174	84.0	0.0	163.2
176	81.4	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW008655.D
Acq: 13 Feb 2019 22:51

Tgt Ion	117	Resp	487179
Ion Ratio	Lower	Upper	
117	100		
82	55.7	45.6	68.4
119	32.1	25.7	38.5



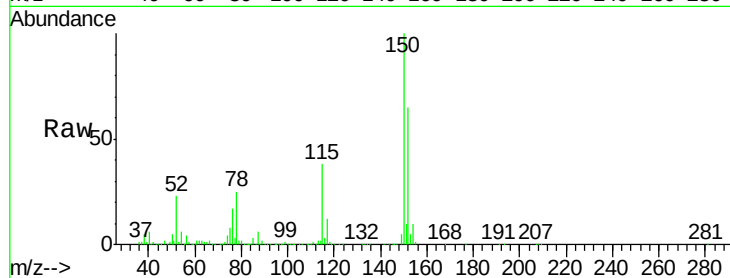


#72

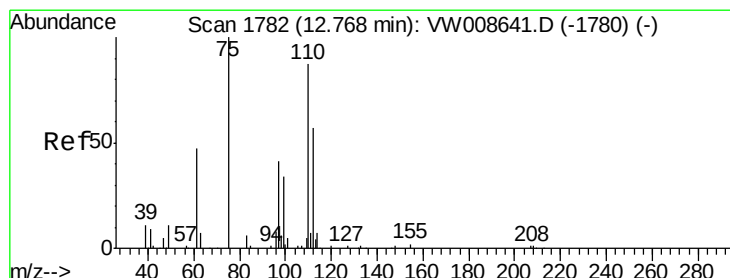
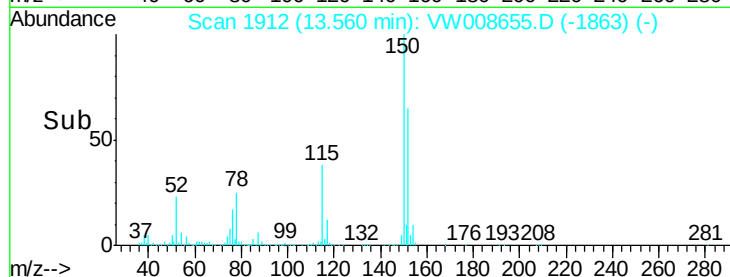
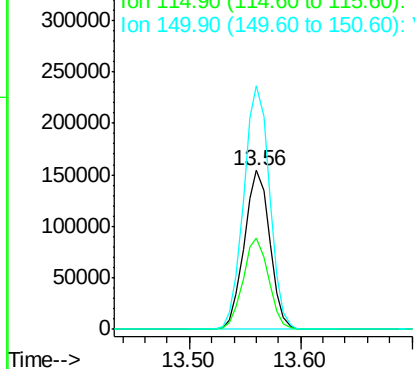
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008655.D
Acq: 13 Feb 2019 22:51

Instrument :
MSVOA_W
ClientSampleId :
TP-2-D

Tot Ion:152 Resp: 245528
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 155.6 0.0 352.8



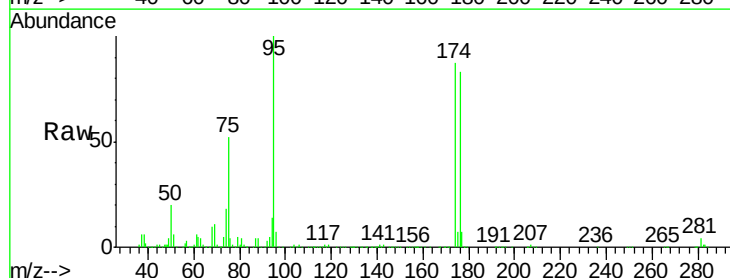
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



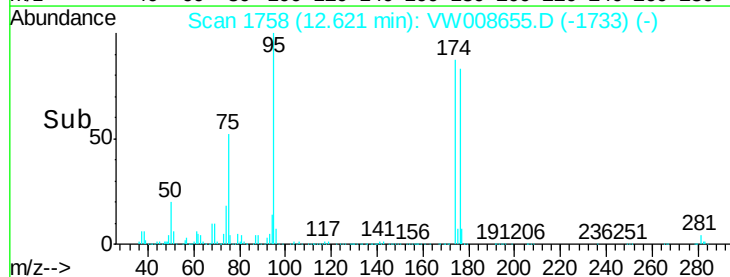
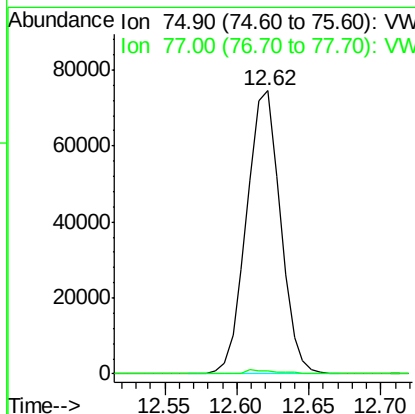
#76

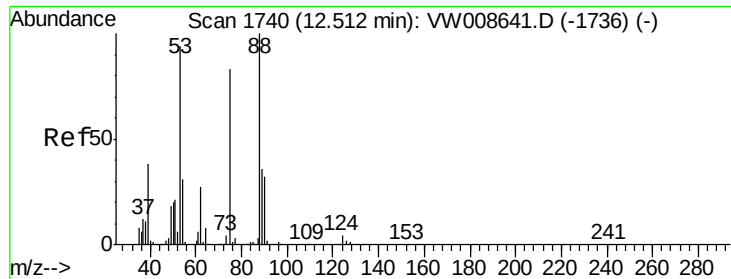
1,2,3-Trichloropropane
Concen: 50.061 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008655.D
Acq: 13 Feb 2019 22:51

Tgt Ion: 75 Resp: 121371
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 107.332 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008655.D

Acq: 13 Feb 2019 22:51

Instrument :

MSVOA_W

ClientSampleId :

TP-2-D

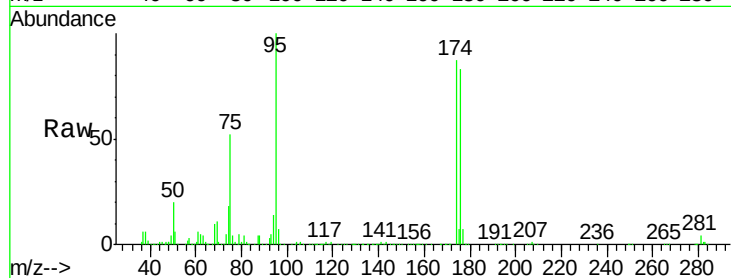
Tot Ion: 75 Resp: 121371

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

