

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007046.D
 Acq On : 26 Nov 2018 14:43
 Operator : VAY/AP
 Sample : J6028-03RE
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 05:24:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

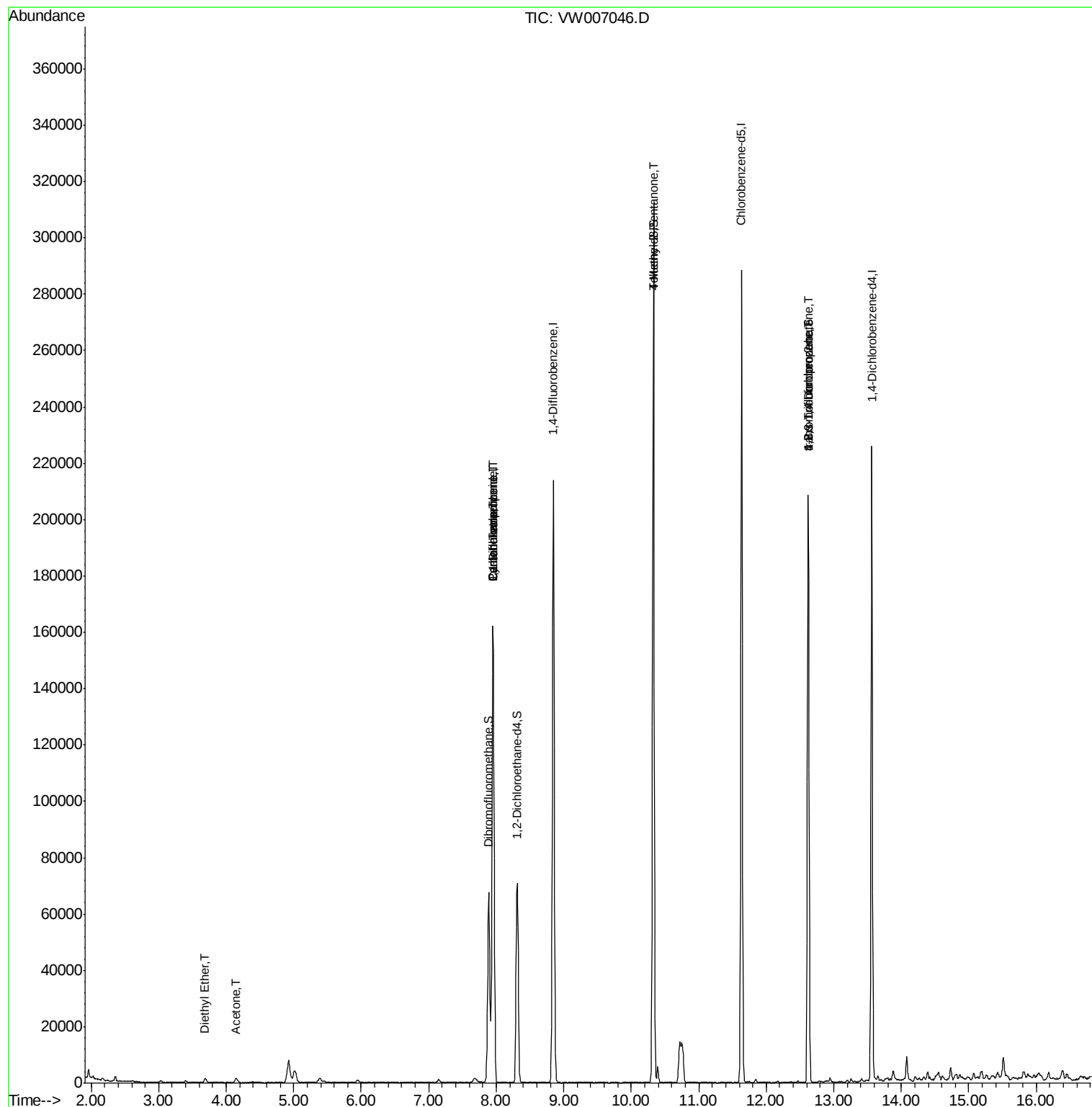
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	186401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	161142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58226	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	7.89	113	49826	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	10.33	98	213375	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.62	95	69493	37.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.98%	
Target Compounds						
8) Diethyl Ether	3.69	74	877	1.431	ug/l	92
16) Acetone	4.15	43	2524	14.864	ug/l	93
20) Methylene Chloride	4.93	84	6152	Below Cal	#	86
31) Cyclohexane	7.95	56	2535	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9306	5.109	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12371	7.092	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	859	1.351	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	34015	72.807	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34015	182.789	ug/l #	10

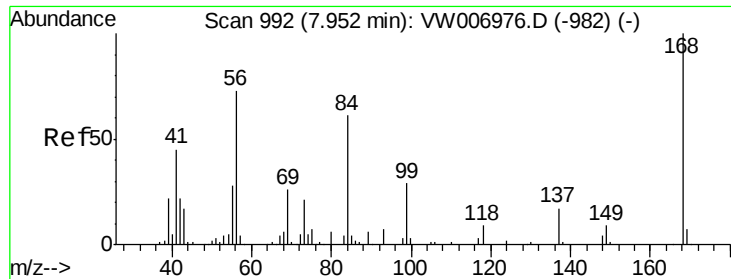
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Nov 27 05:24:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007046.D

Acq: 26 Nov 2018 14:43

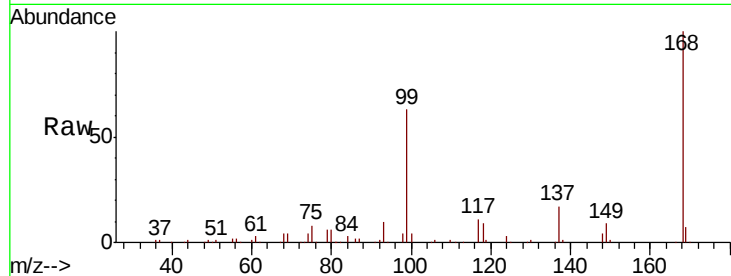
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 119463

Ion Ratio Lower Upper

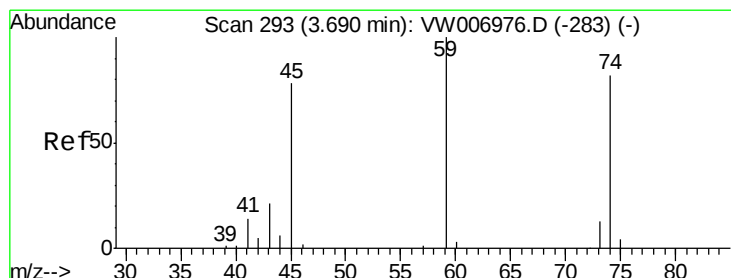
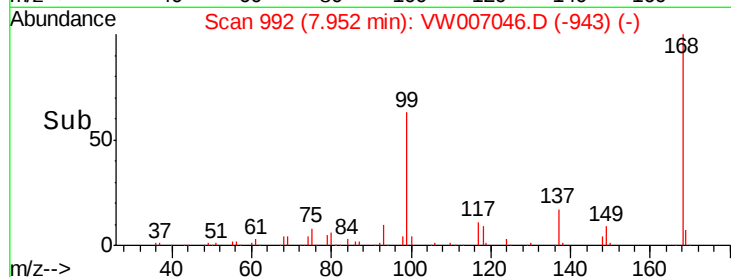
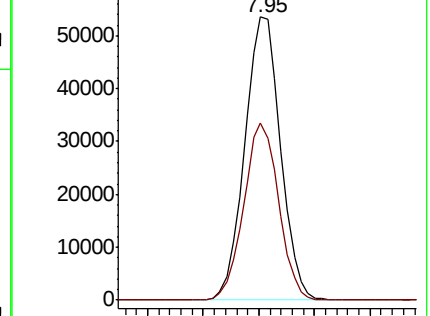
168 100

99 62.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.431 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007046.D

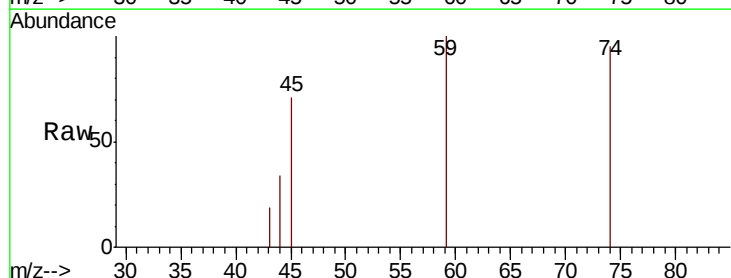
Acq: 26 Nov 2018 14:43

Tgt Ion: 74 Resp: 877

Ion Ratio Lower Upper

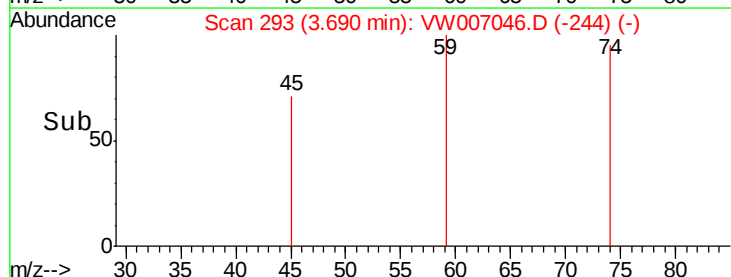
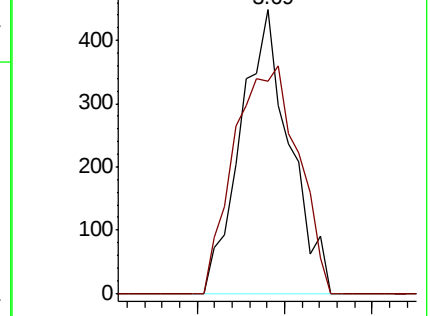
74 100

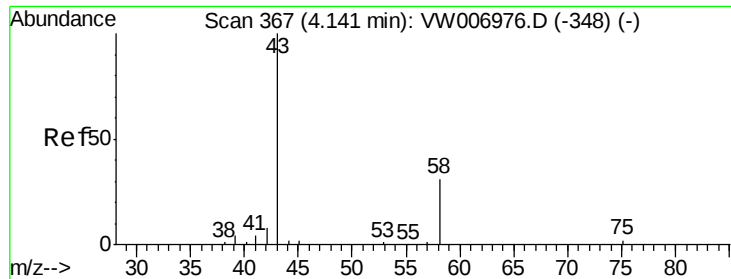
45 104.7 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 14.864 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007046.D

Acq: 26 Nov 2018 14:43

Instrument :

MSVOA_W

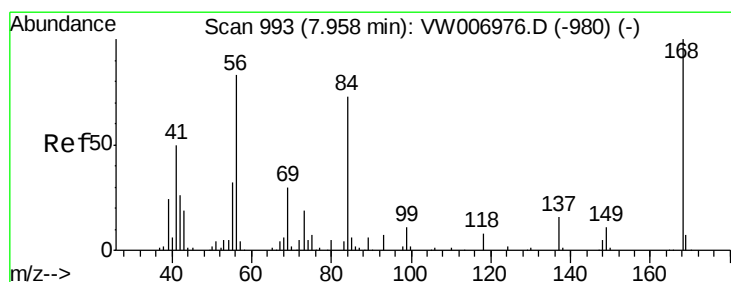
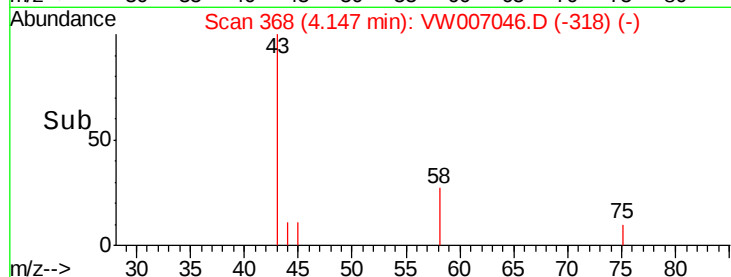
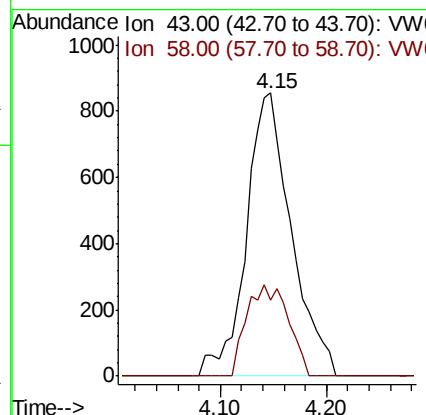
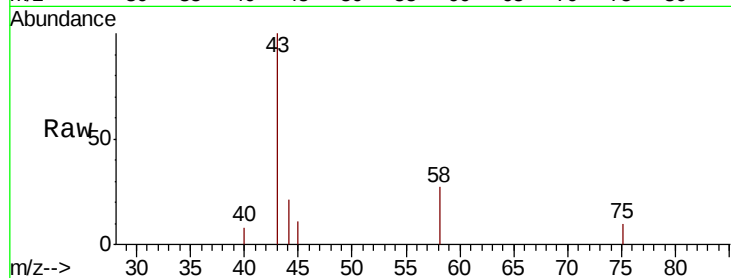
ClientSampled :

Tot Ion: 43 Resp: 2524

Ion Ratio Lower Upper

43 100

58 26.9 24.8 37.2



#31

Cyclohexane

Concen: 1.125 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007046.D

Acq: 26 Nov 2018 14:43

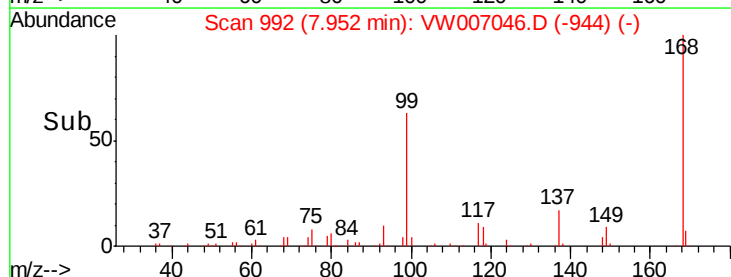
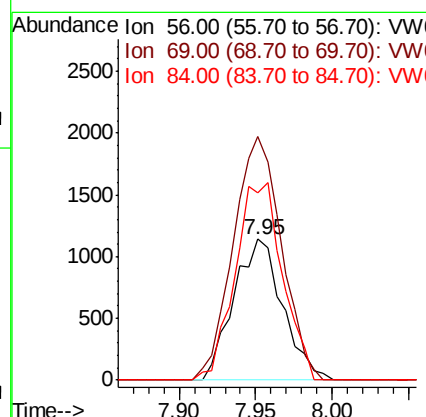
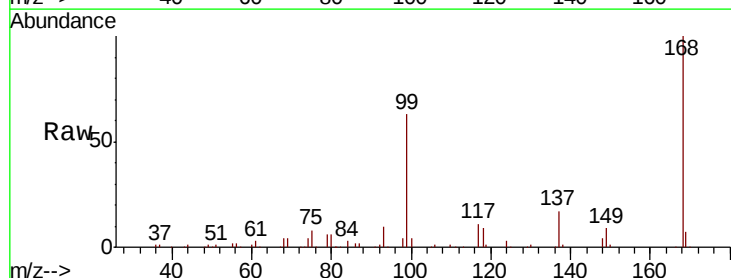
Tgt Ion: 56 Resp: 2535

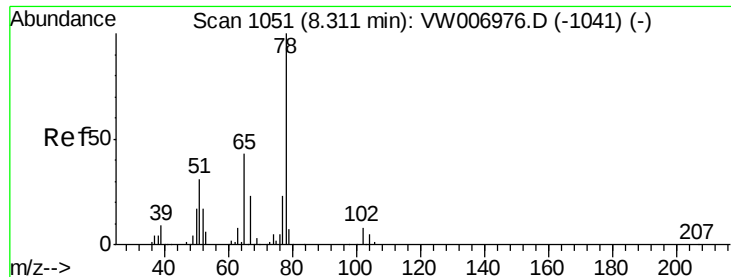
Ion Ratio Lower Upper

56 100

69 172.9 29.1 43.7#

84 132.9 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 49.784 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007046.D

Acq: 26 Nov 2018 14:43

Instrument :

MSVOA_W

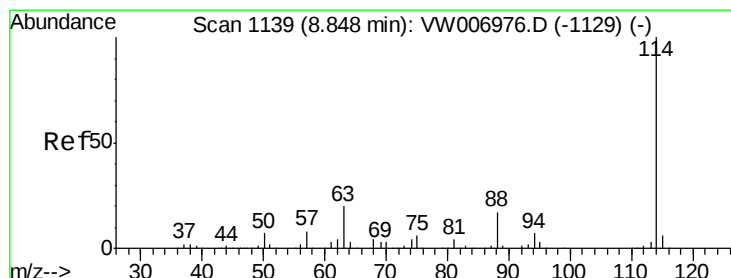
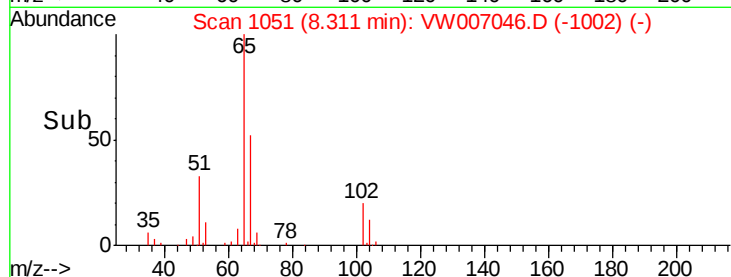
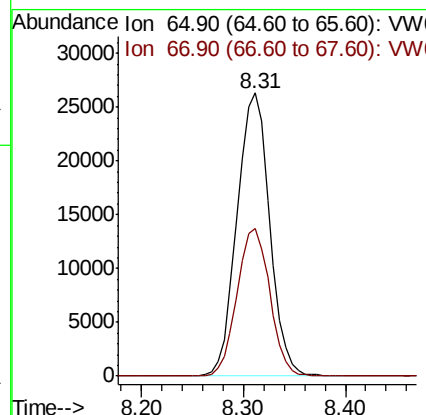
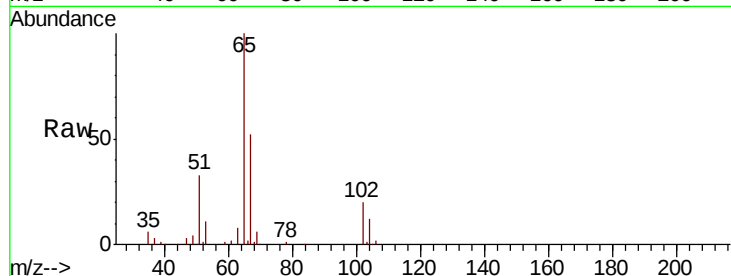
ClientSampleId :

Tot Ion: 65 Resp: 58226

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW007046.D

Acq: 26 Nov 2018 14:43

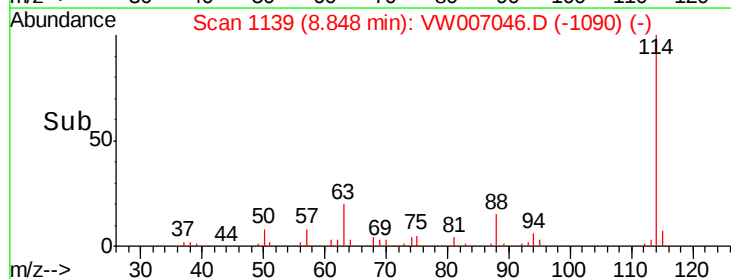
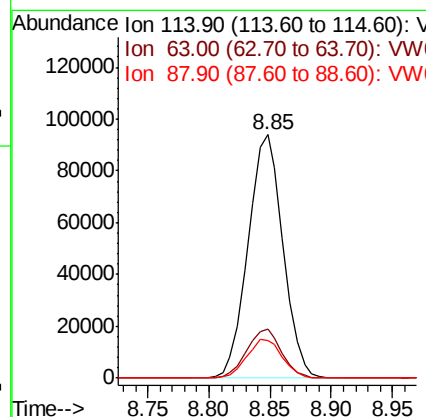
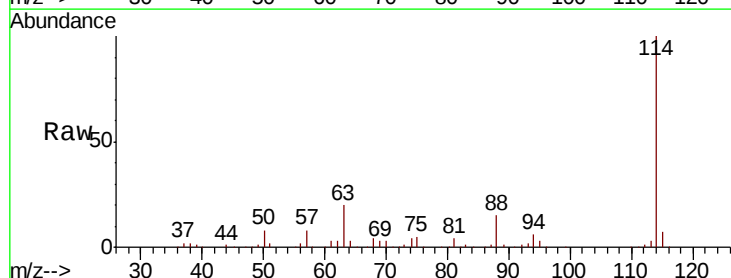
Tgt Ion: 114 Resp: 186401

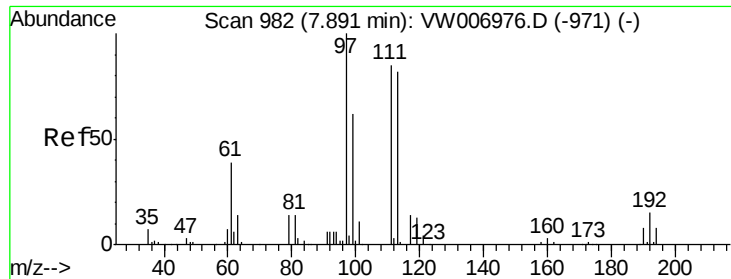
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

88 15.4 0.0 34.2

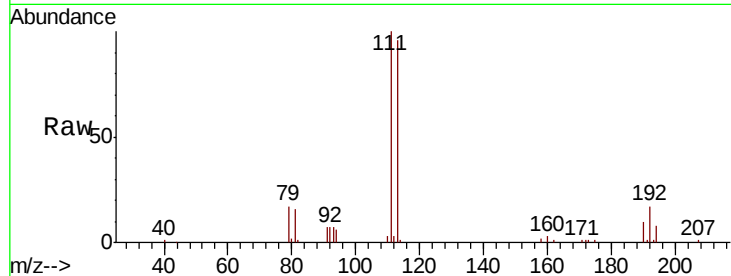




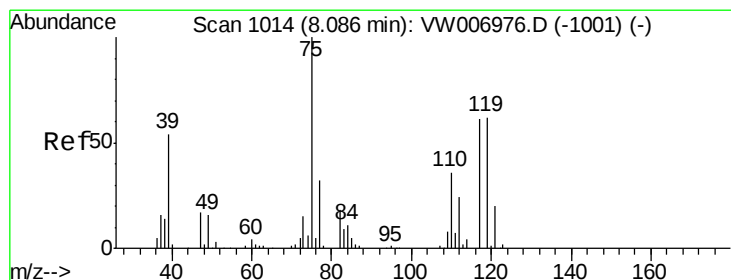
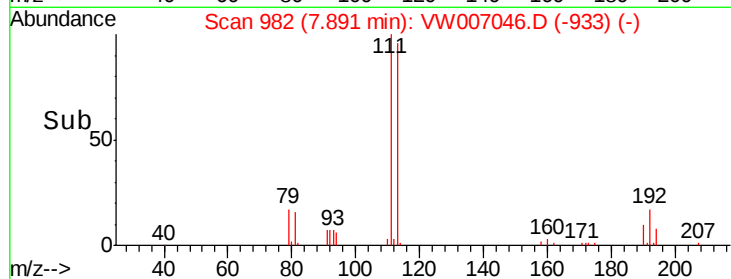
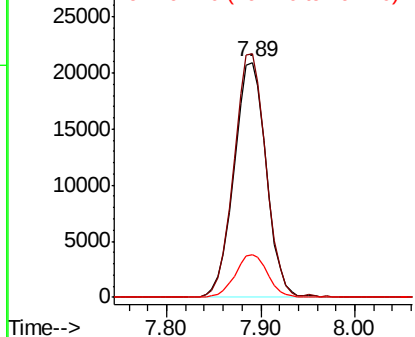
#35
 Dibromofluoromethane
 Concen: 47.334 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007046.D
 Acq: 26 Nov 2018 14:43

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 49826
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.6
 192 18.2 15.0 22.6

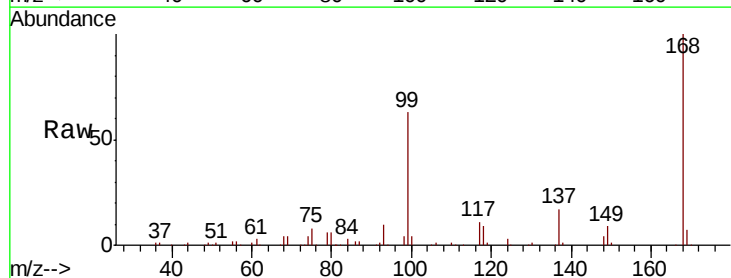


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

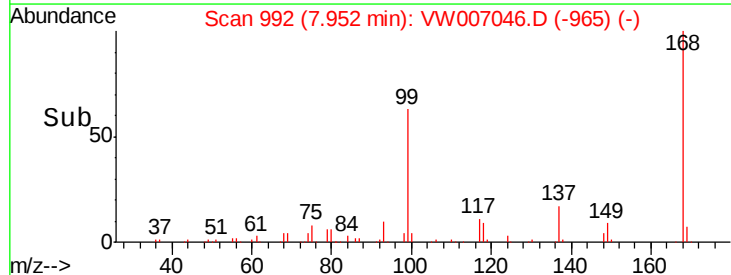
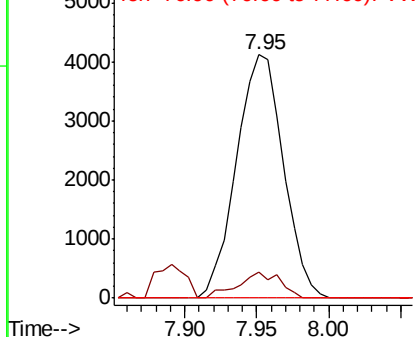


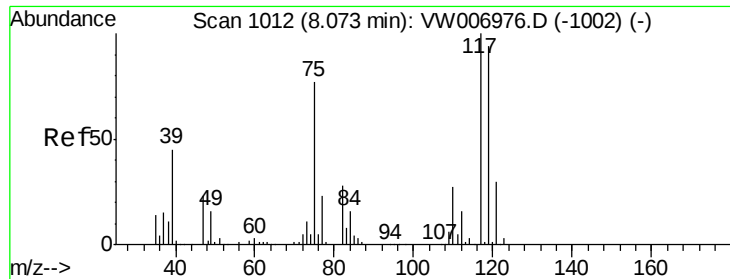
#36
 1,1-Dichloropropene
 Concen: 5.109 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007046.D
 Acq: 26 Nov 2018 14:43

Tgt Ion: 75 Resp: 9306
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.0 54.0#
 77 0.0 24.9 37.3#



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

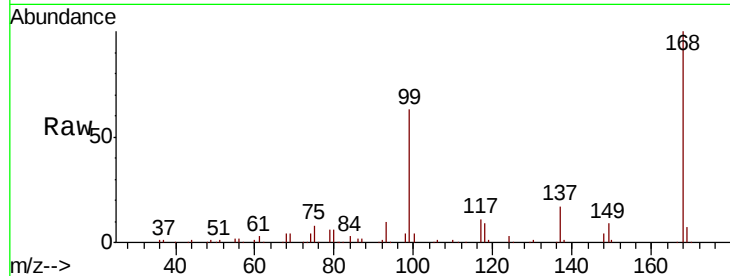




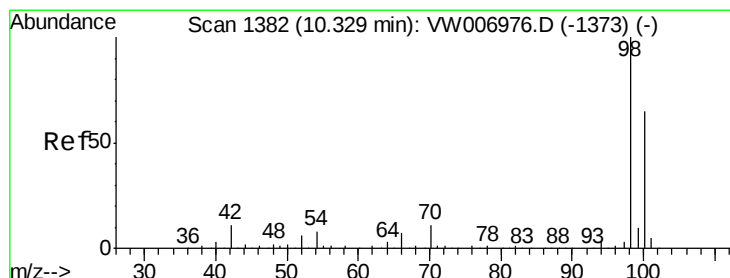
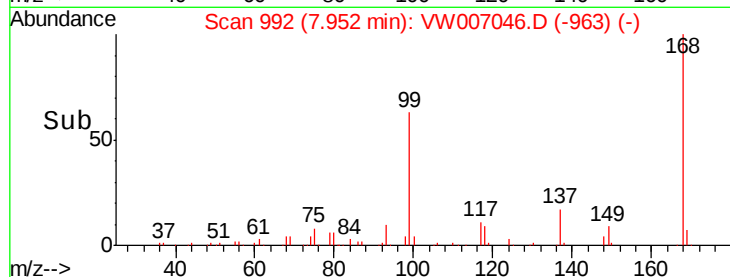
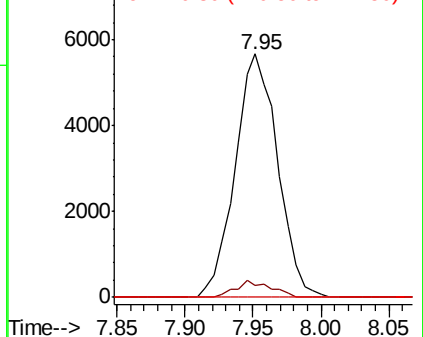
#38
Carbon Tetrachloride
Concen: 7.092 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007046.D
Acq: 26 Nov 2018 14:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 12371
Ion Ratio Lower Upper
117 100
119 4.9 74.9 112.3#
121 0.0 23.6 35.4#

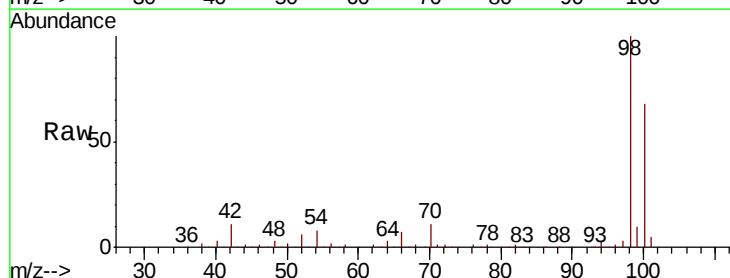


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

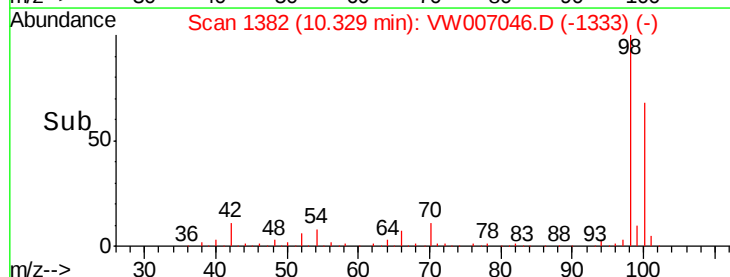
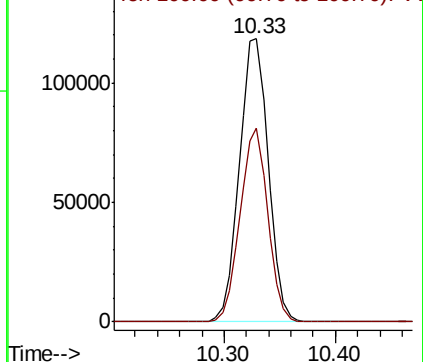


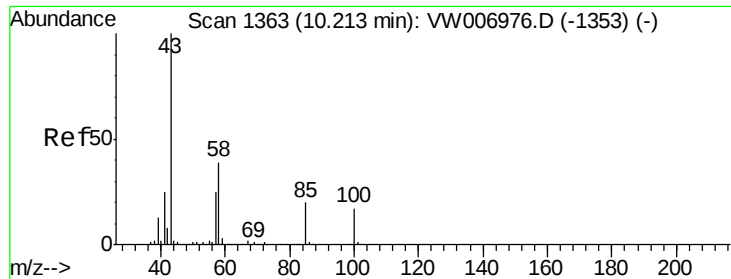
#50
Toluene-d8
Concen: 45.903 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007046.D
Acq: 26 Nov 2018 14:43

Tgt Ion: 98 Resp: 213375
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.351 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007046.D

Acq: 26 Nov 2018 14:43

Instrument :

MSVOA_W

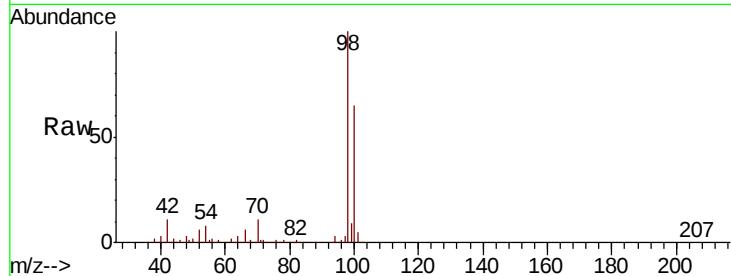
ClientSampleId :

Tot Ion: 43 Resp: 859

Ion Ratio Lower Upper

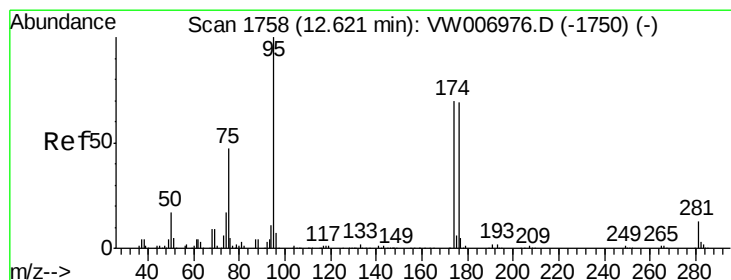
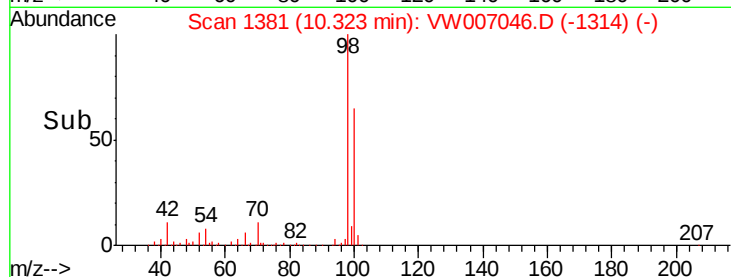
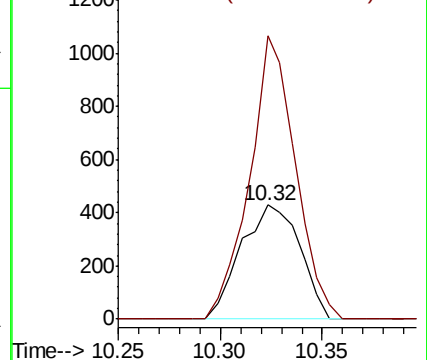
43 100

58 194.4 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 37.991 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007046.D

Acq: 26 Nov 2018 14:43

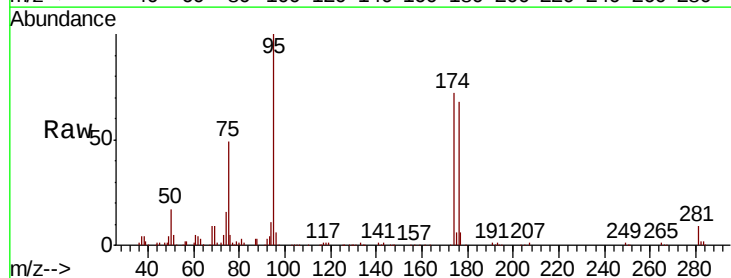
Tgt Ion: 95 Resp: 69493

Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.6

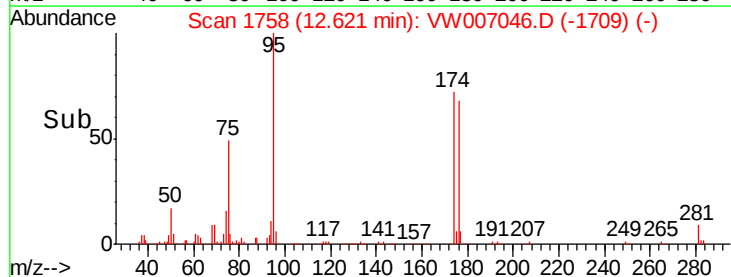
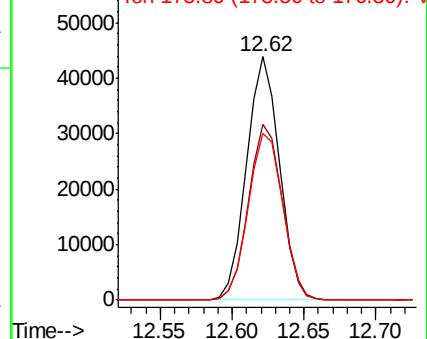
176 71.9 0.0 140.4

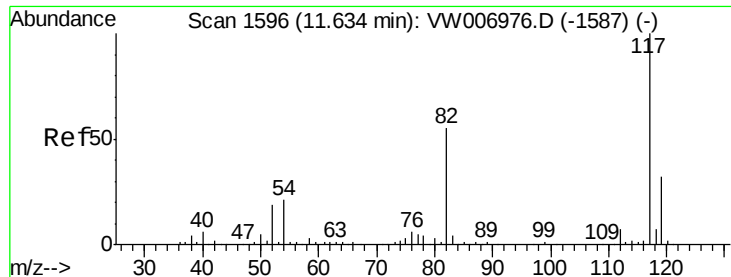


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW007046.D

Acq: 26 Nov 2018 14:43

Instrument :

MSVOA_W

ClientSampled :

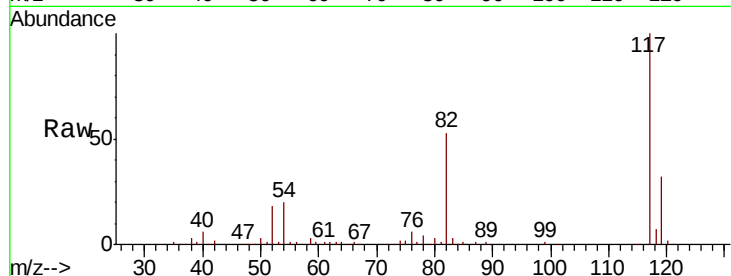
Tot Ion:117 Resp: 161142

Ion Ratio Lower Upper

117 100

82 53.0 44.2 66.2

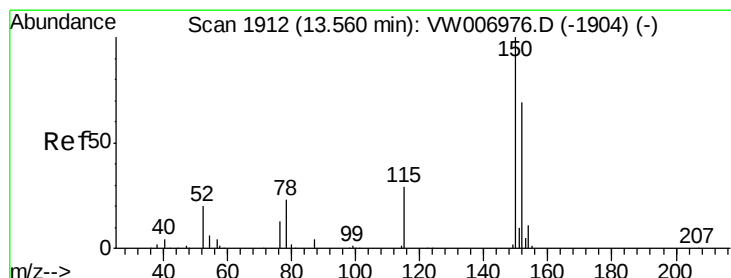
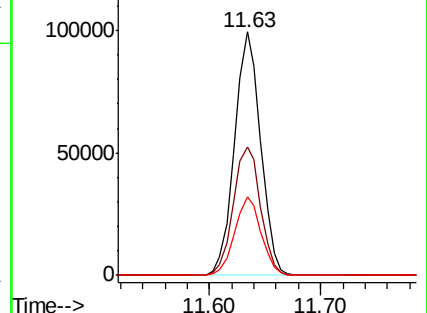
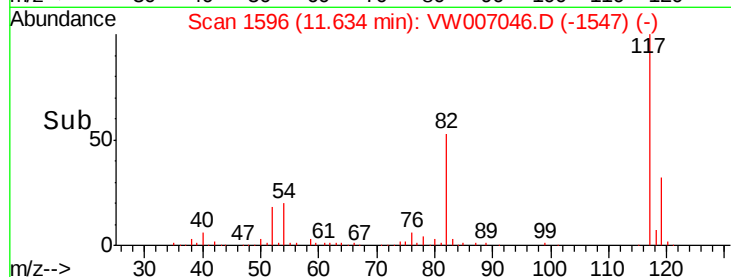
119 32.4 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW007046.D

Acq: 26 Nov 2018 14:43

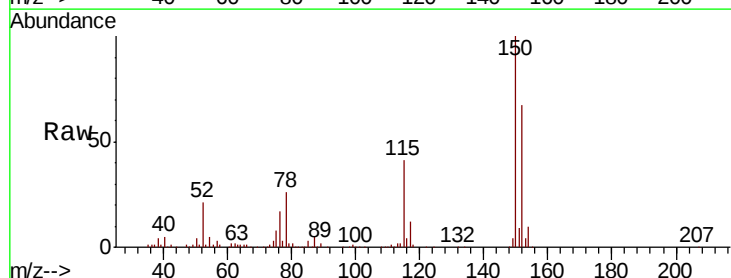
Tgt Ion:152 Resp: 59455

Ion Ratio Lower Upper

152 100

115 60.8 31.4 94.2

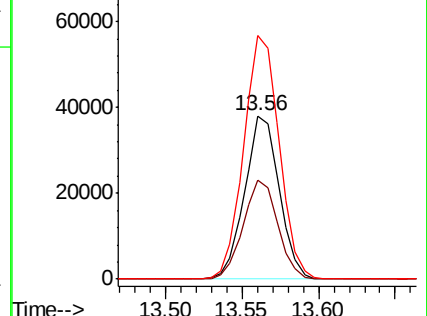
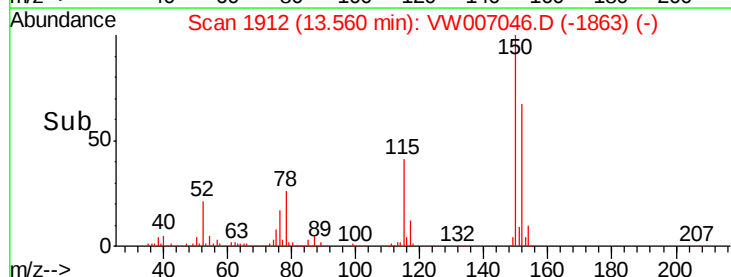
150 153.0 0.0 353.4

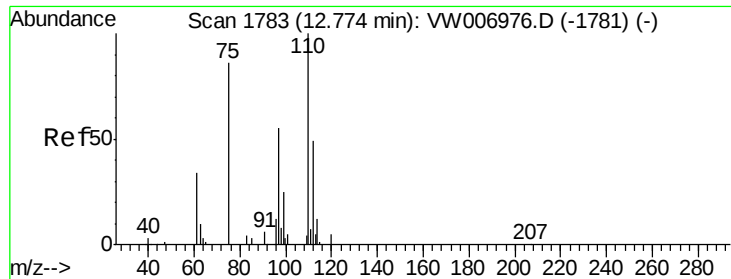


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

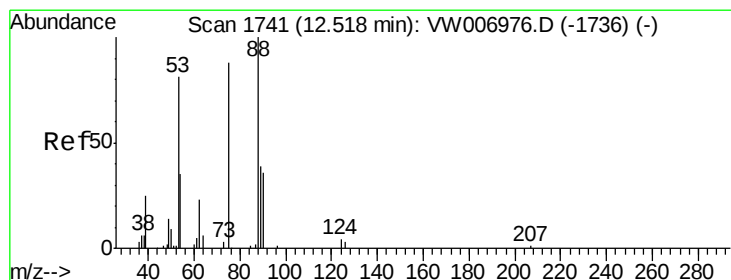
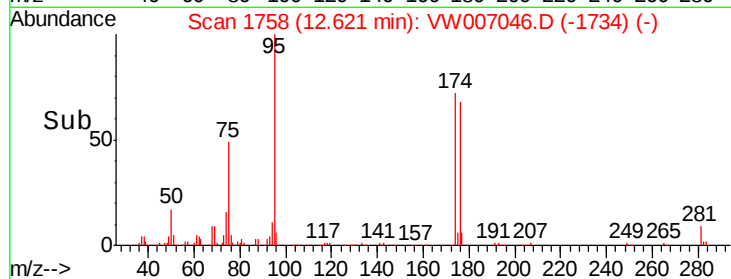
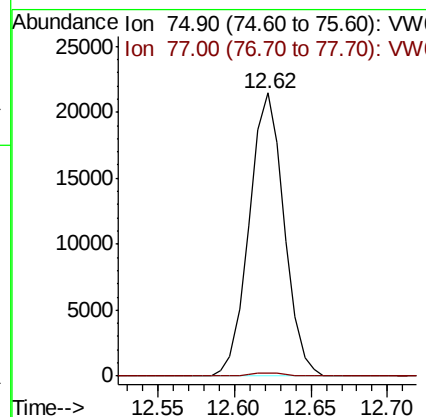
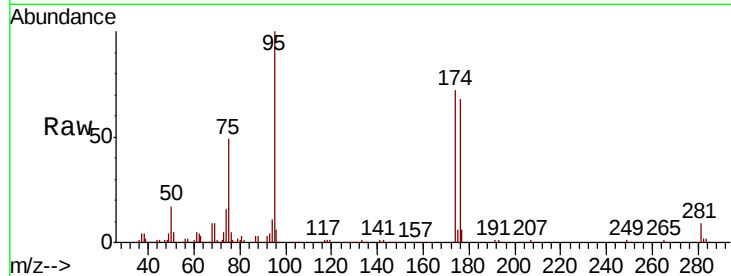




#76
 1,2,3-Trichloropropane
 Concen: 72.807 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007046.D
 Acq: 26 Nov 2018 14:43

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 34015
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 182.789 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007046.D
 Acq: 26 Nov 2018 14:43

Tgt Ion: 75 Resp: 34015
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 39.3 58.9#

