

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007026.D
 Acq On : 22 Nov 2018 04:35
 Operator : VAY/AP
 Sample : J6000-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 06:14:16 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

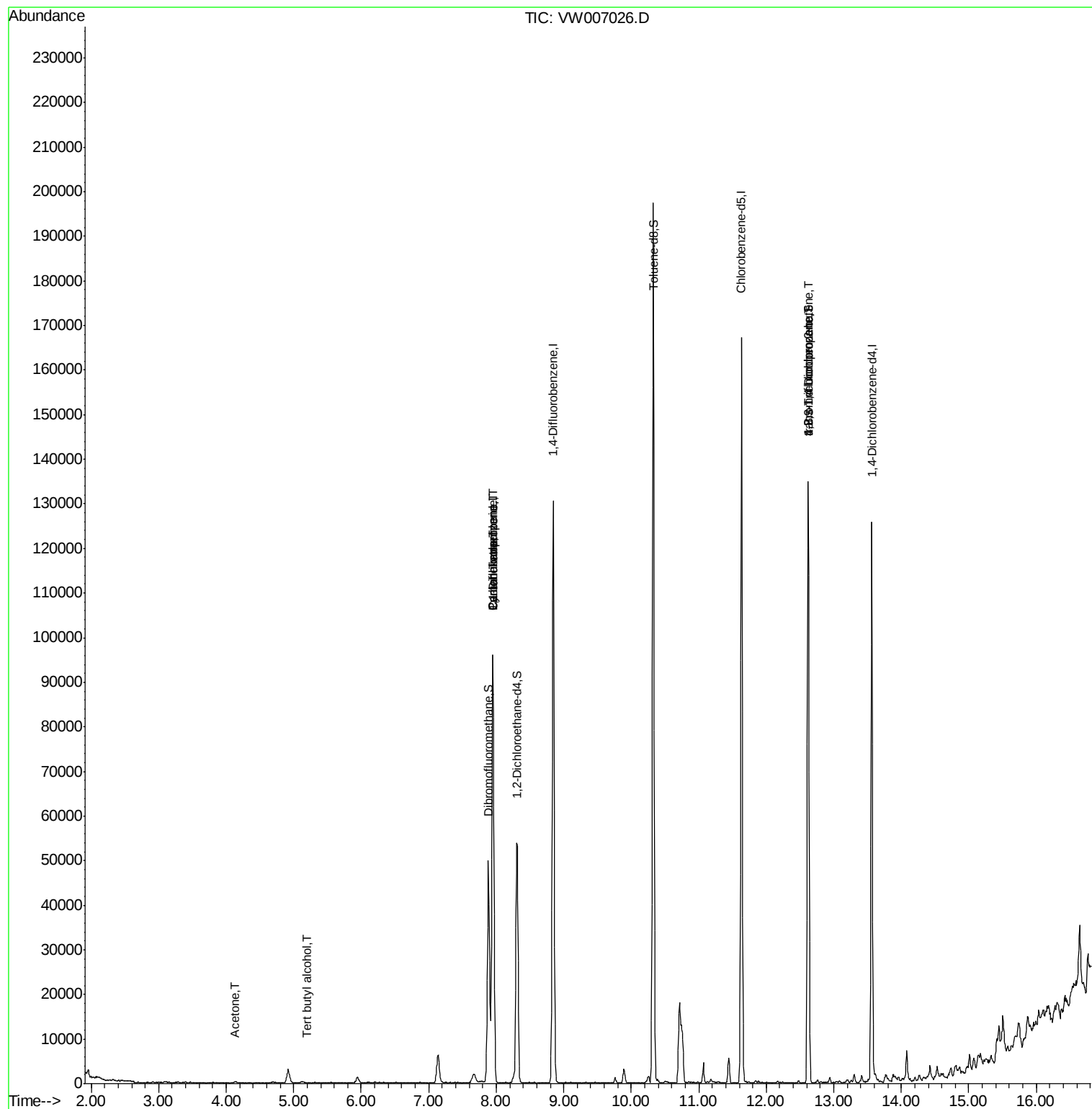
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	32084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44020	62.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.24%	
35) Dibromofluoromethane	7.89	113	36918	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	
50) Toluene-d8	10.32	98	135640	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.62	95	43181	38.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.84%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	57	1.236	ug/l #	71
16) Acetone	4.13	43	504	4.898	ug/l #	44
20) Methylene Chloride	4.92	84	2344	Below Cal		87
31) Cyclohexane	7.95	56	1545	1.132	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	5521	4.997	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7430	7.023	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	20860	82.741	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20860	207.728	ug/l #	10

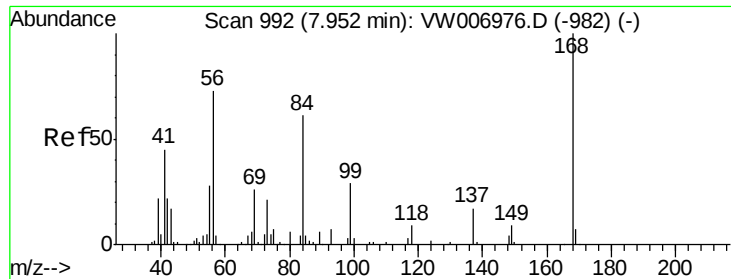
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007026.D

Acq: 22 Nov 2018 04:35

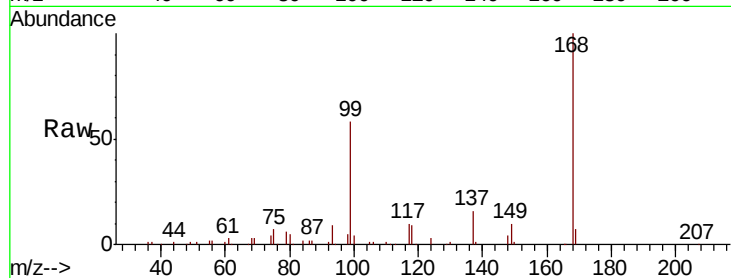
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 72385

Ion Ratio Lower Upper

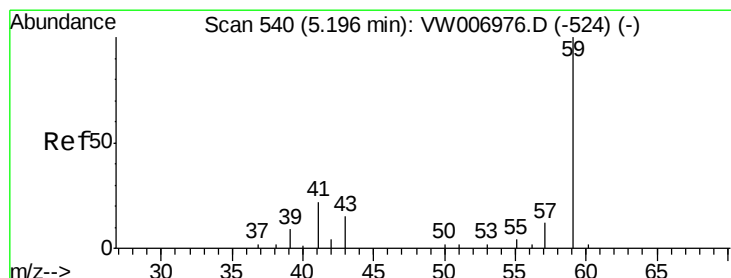
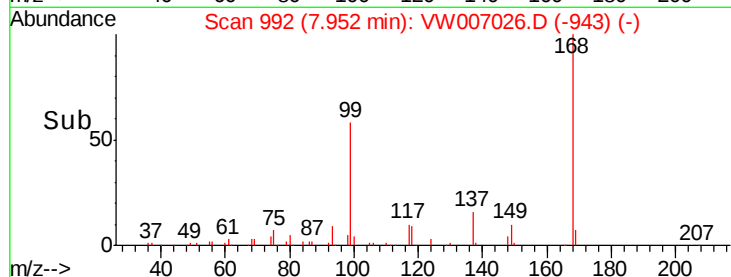
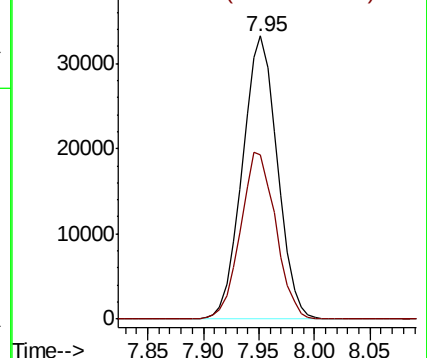
168 100

99 58.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.236 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW007026.D

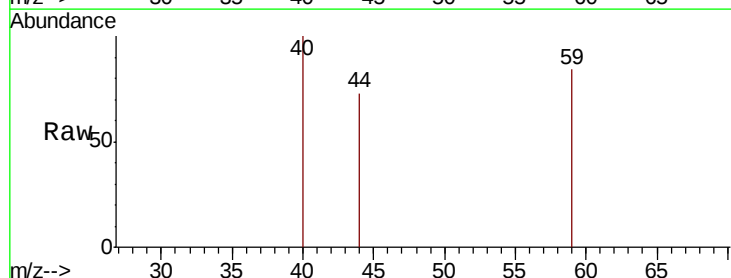
Acq: 22 Nov 2018 04:35

Tgt Ion: 59 Resp: 57

Ion Ratio Lower Upper

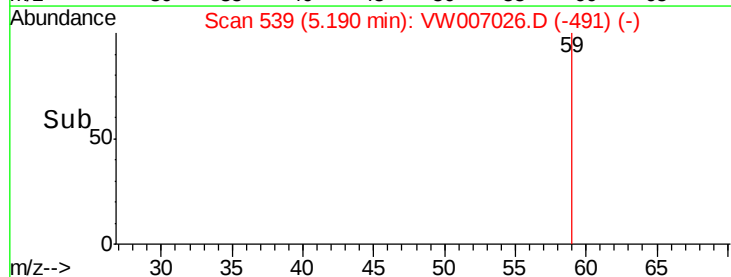
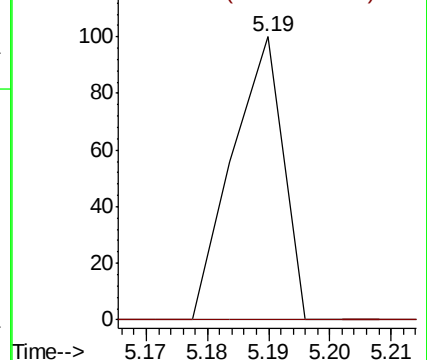
59 100

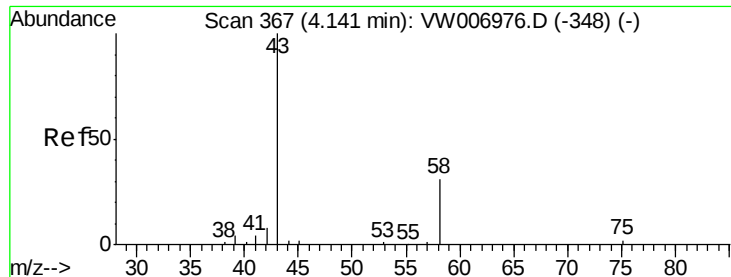
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.898 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

Instrument :

MSVOA_W

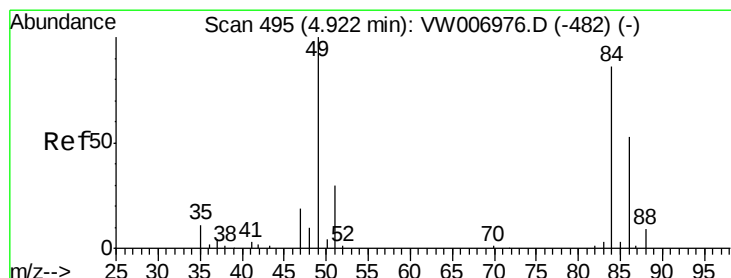
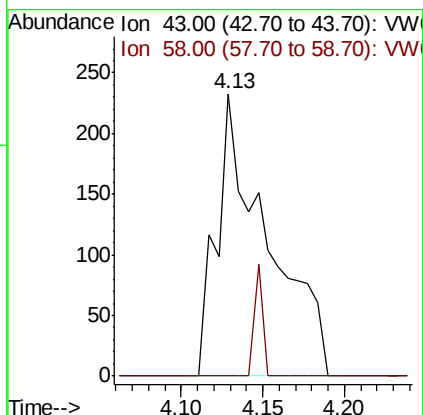
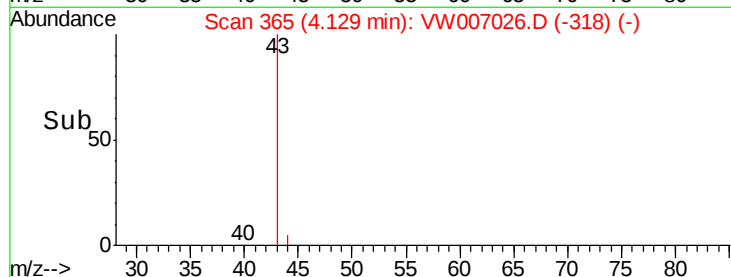
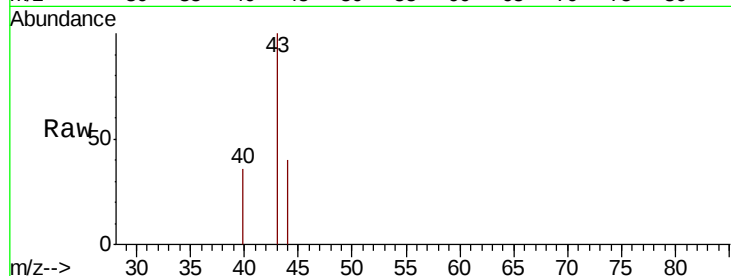
ClientSampled :

Tot Ion: 43 Resp: 504

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

Tgt Ion: 84 Resp: 2344

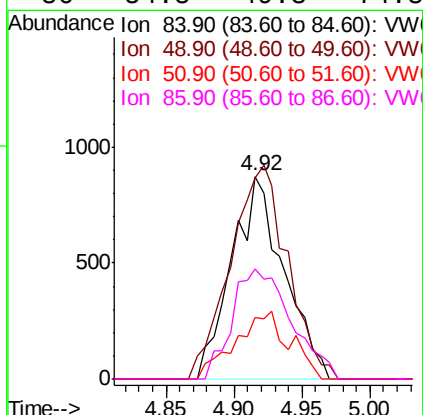
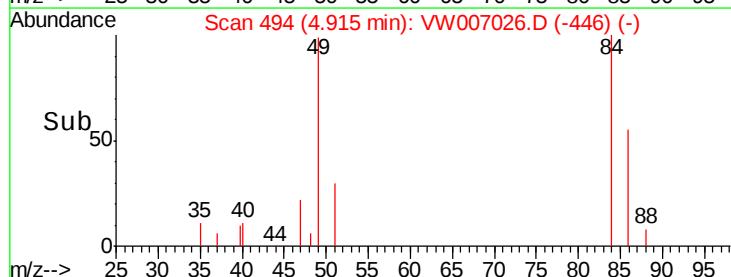
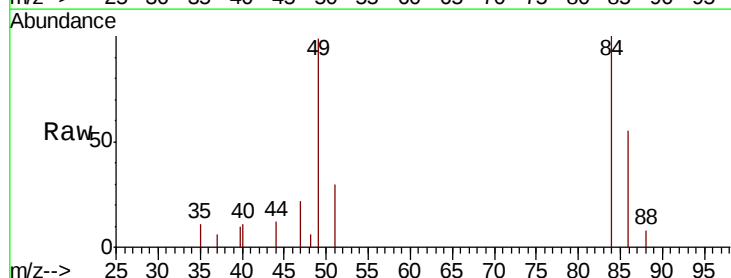
Ion Ratio Lower Upper

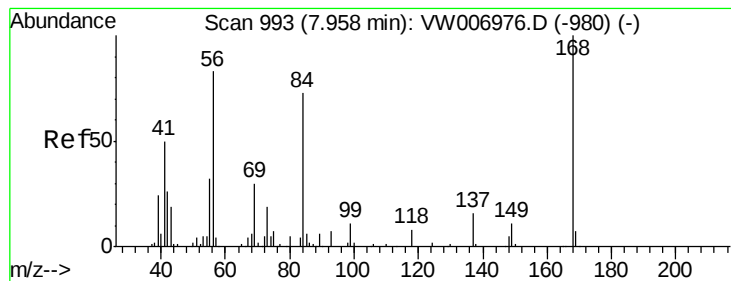
84 100

49 99.0 93.4 140.0

51 30.1 28.4 42.6

86 54.5 49.8 74.8





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

Instrument :

MSVOA_W

ClientSampled :

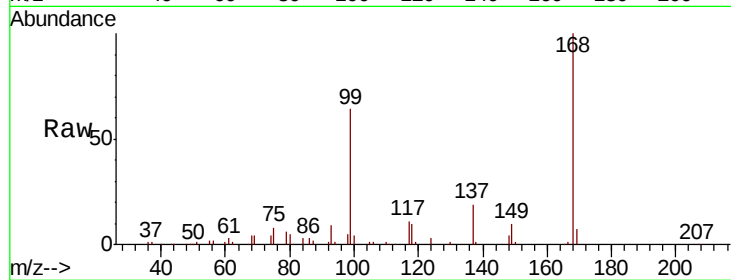
Tot Ion: 56 Resp: 1545

Ion Ratio Lower Upper

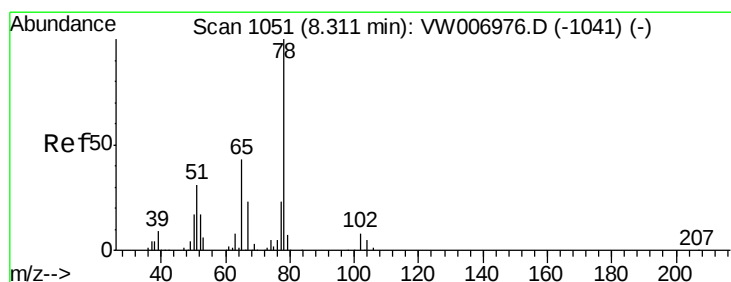
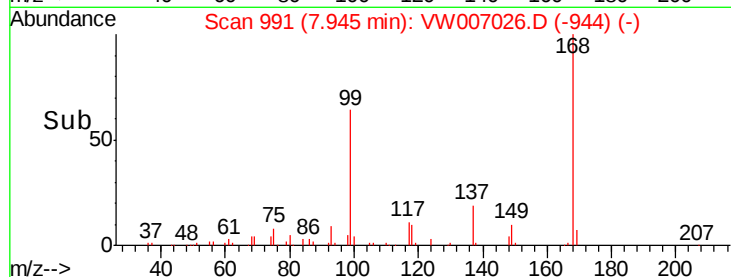
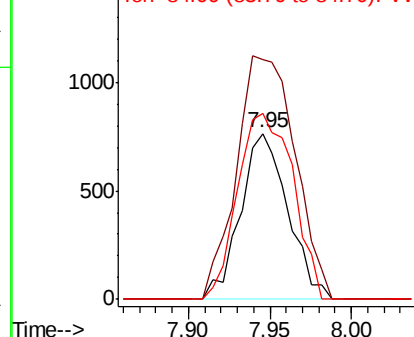
56 100

69 144.8 29.1 43.7#

84 112.0 70.6 105.8#



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: 62.117 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007026.D

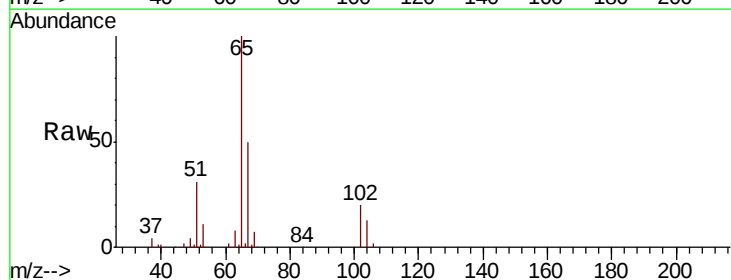
Acq: 22 Nov 2018 04:35

Tgt Ion: 65 Resp: 44020

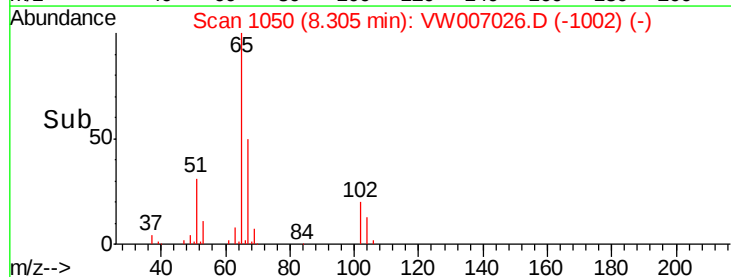
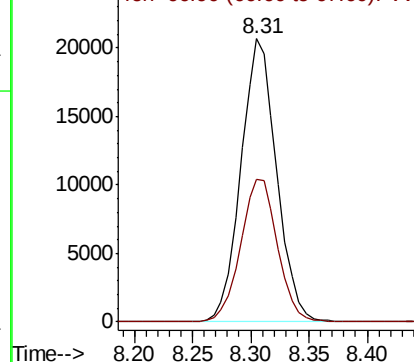
Ion Ratio Lower Upper

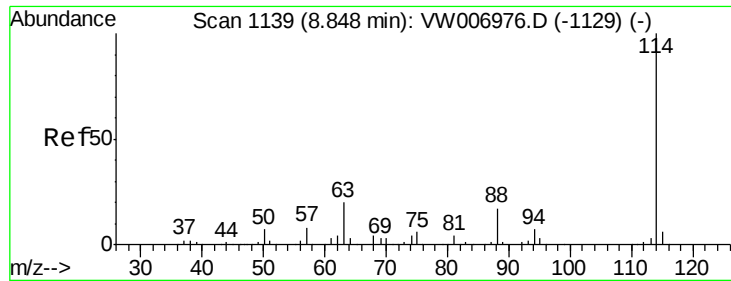
65 100

67 52.3 0.0 106.2



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

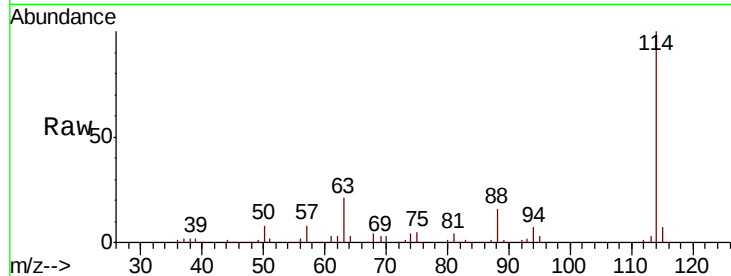




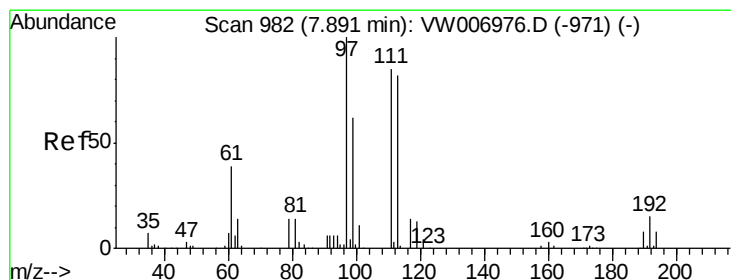
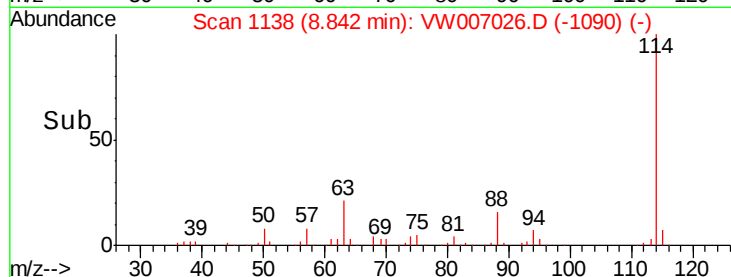
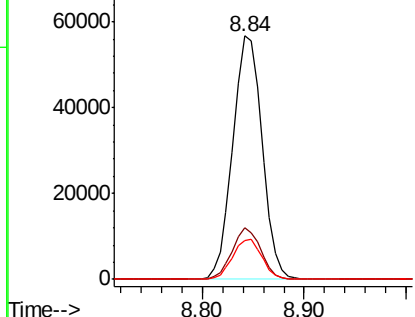
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007026.D
 Acq: 22 Nov 2018 04:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 113052
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.4
 88 16.0 0.0 34.2

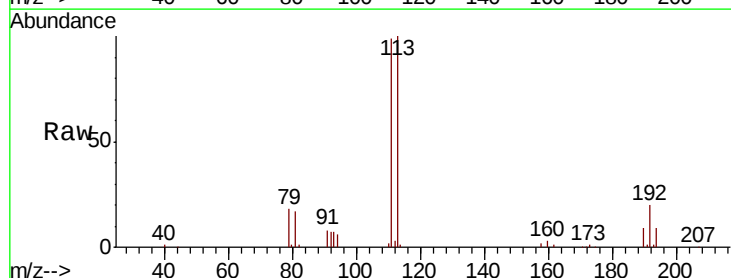


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

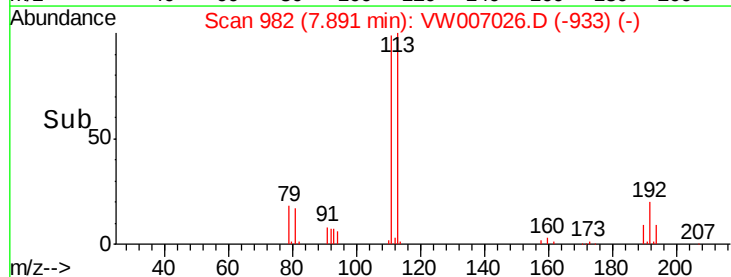
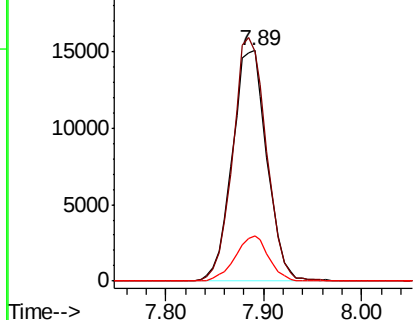


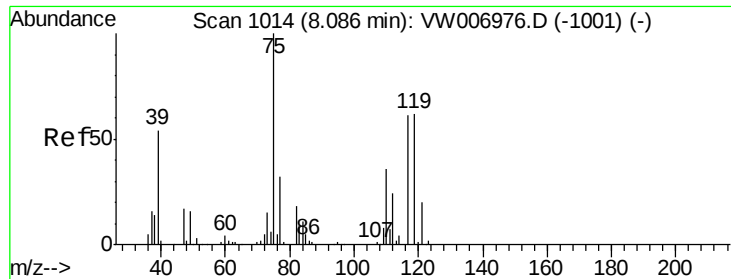
#35
 Dibromofluoromethane
 Concen: 57.826 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007026.D
 Acq: 22 Nov 2018 04:35

Tgt Ion:113 Resp: 36918
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.6
 192 18.7 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

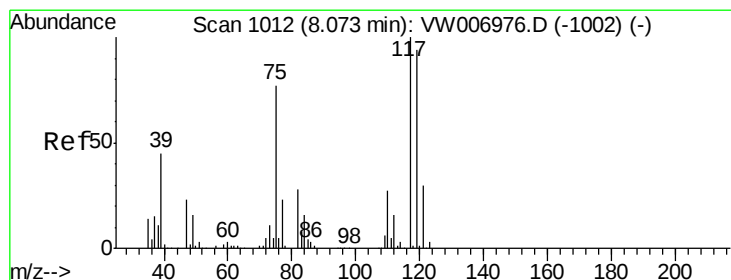
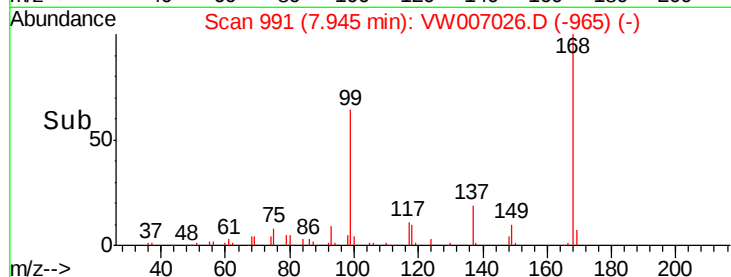
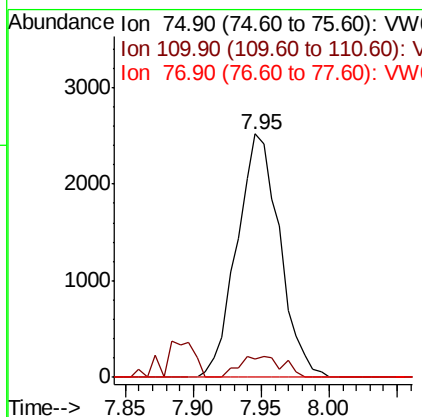
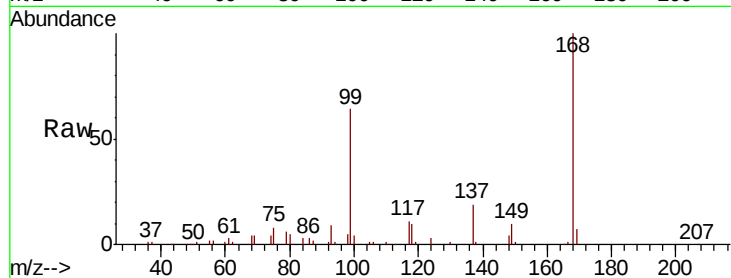




#36
 1,1-Dichloropropene
 Concen: 4.997 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007026.D
 Acq: 22 Nov 2018 04:35

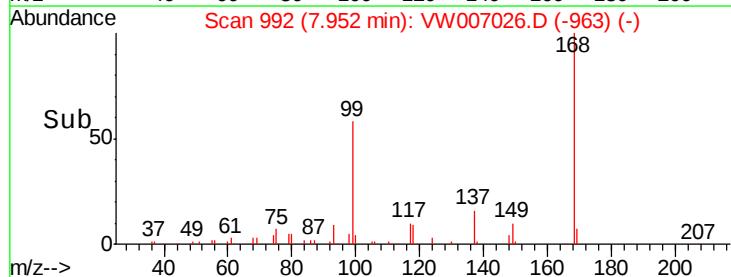
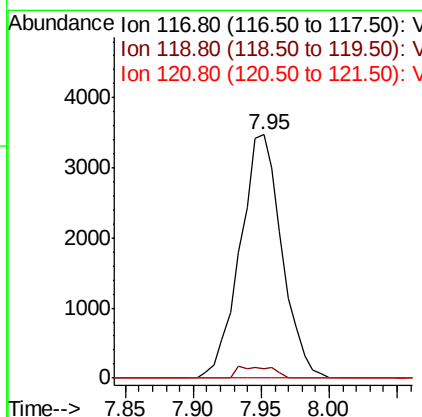
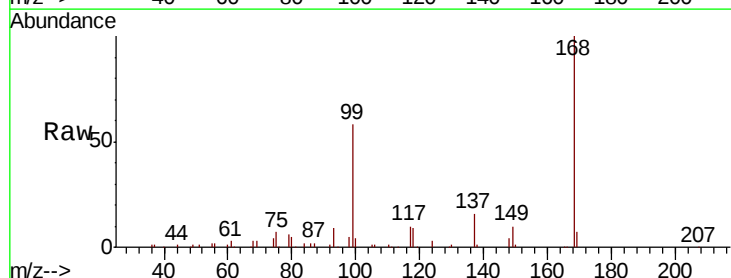
Instrument :
 MSVOA_W
 ClientSampled :

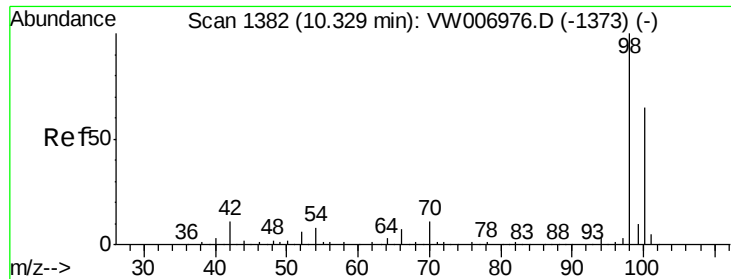
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.023 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007026.D
 Acq: 22 Nov 2018 04:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 48.112 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

Instrument :

MSVOA_W

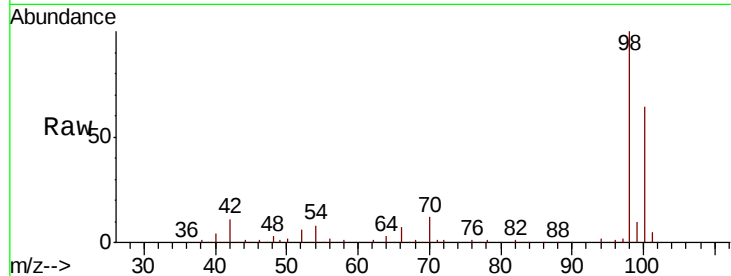
ClientSampleId :

Tot Ion: 98 Resp: 135640

Ion Ratio Lower Upper

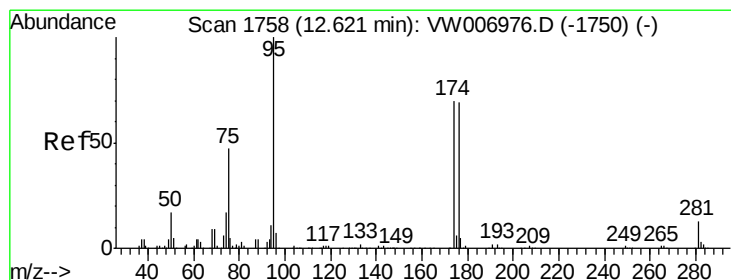
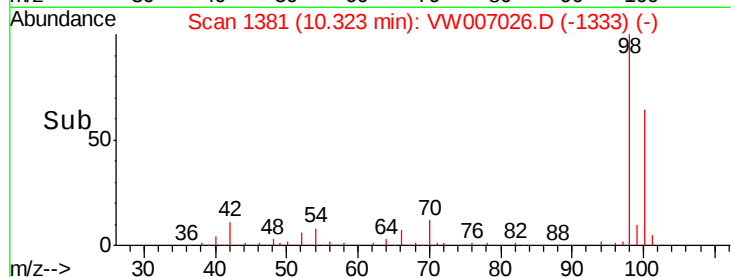
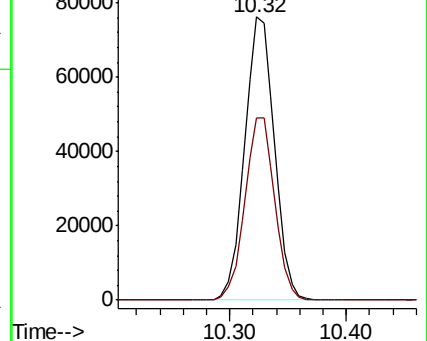
98 100

100 64.8 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: 38.922 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

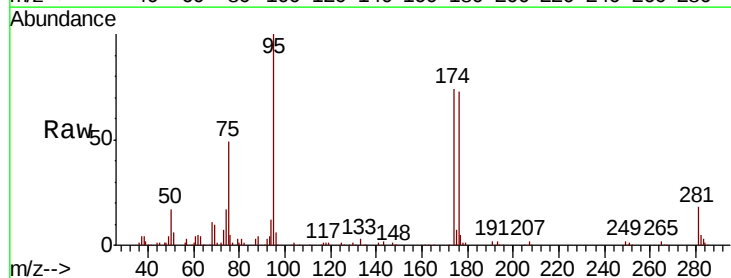
Tgt Ion: 95 Resp: 43181

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.6

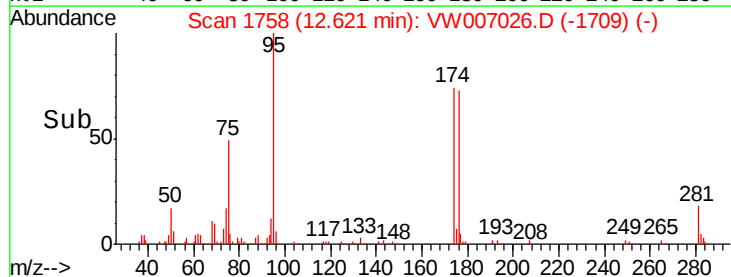
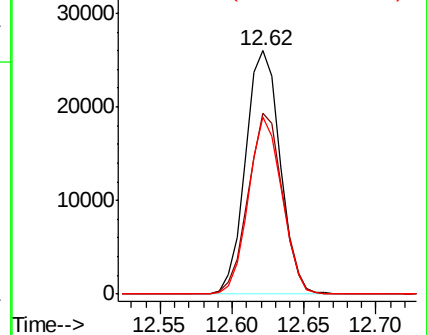
176 70.4 0.0 140.4

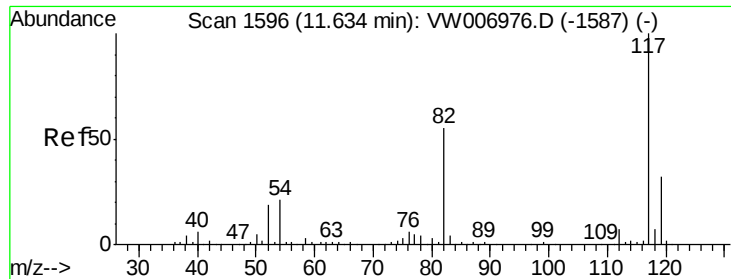


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW007026.D

Acq: 22 Nov 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

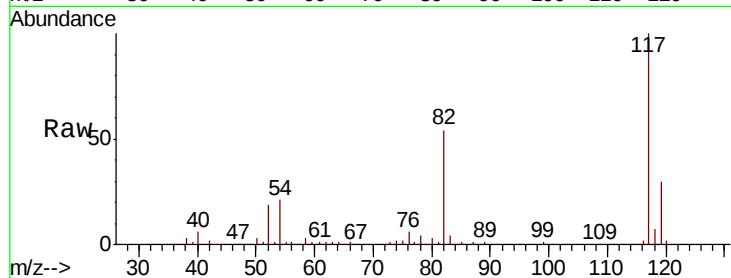
Tot Ion:117 Resp: 92185

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

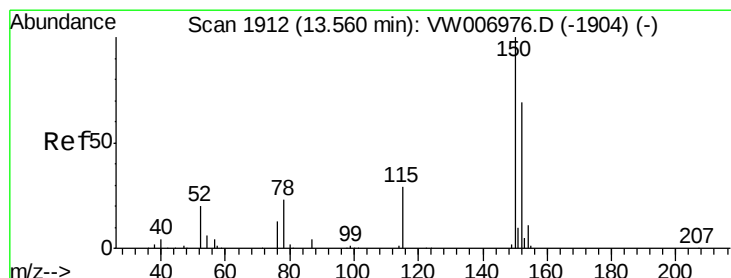
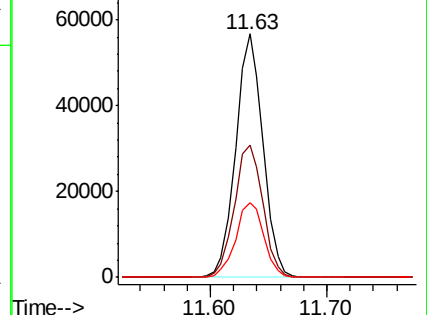
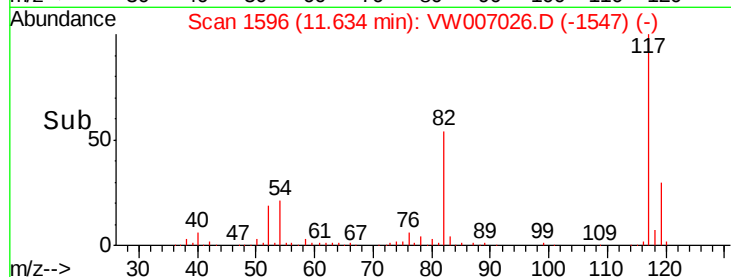
119 30.5 25.9 38.9



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: VW007026.D

Acq: 22 Nov 2018 04:35

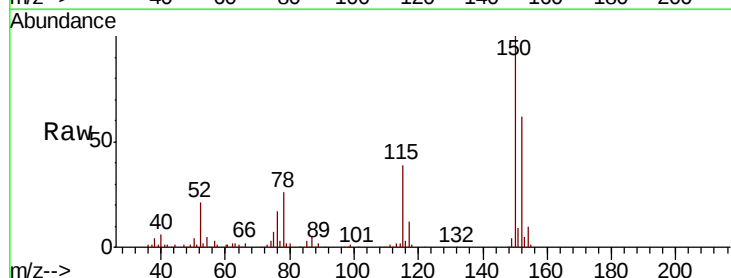
Tgt Ion:152 Resp: 32084

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

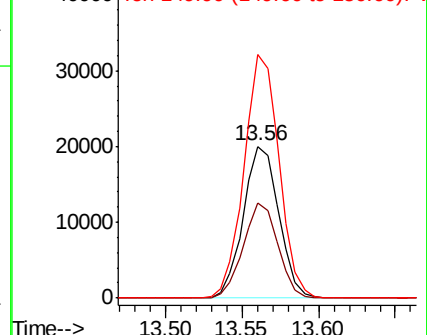
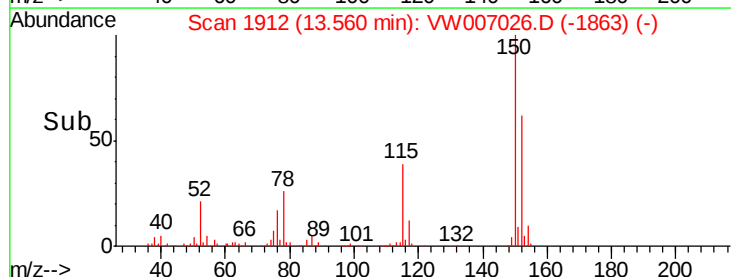
150 159.0 0.0 353.4

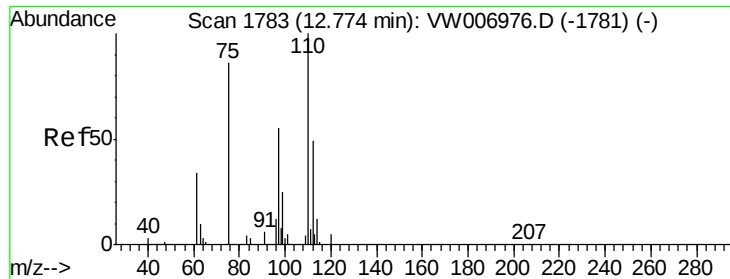


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 82.741 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

Instrument :

MSVOA_W

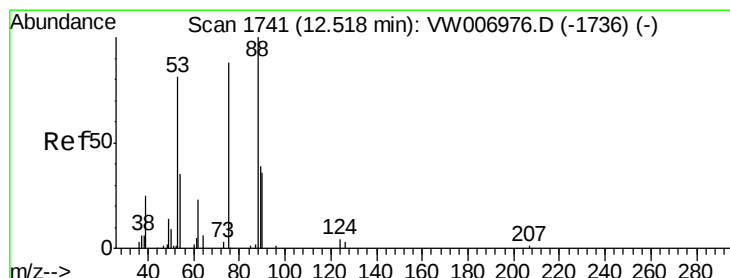
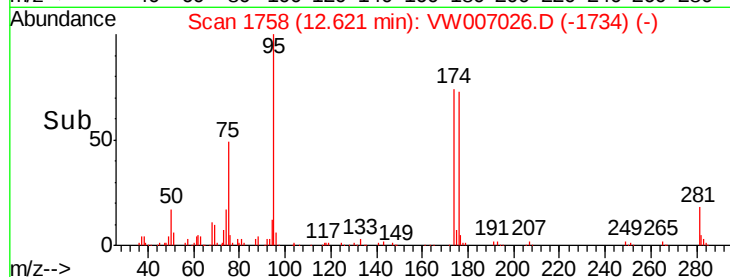
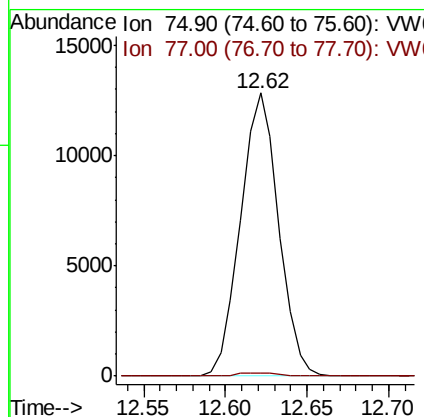
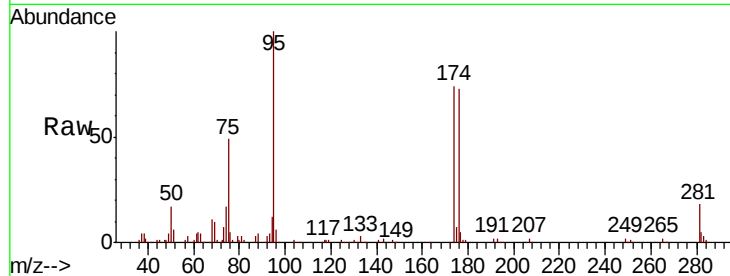
ClientSampled :

Tot Ion: 75 Resp: 20860

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 207.728 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

Tgt Ion: 75 Resp: 20860

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#

