

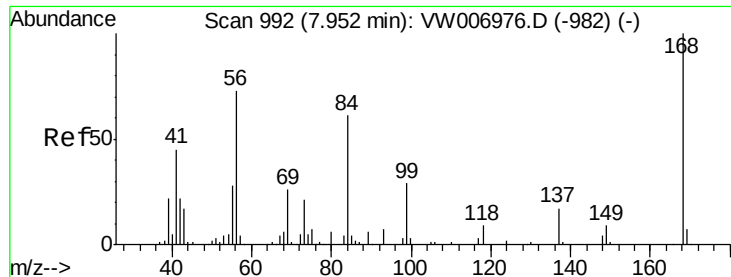
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112718\
 Data File : VW007083.D
 Acq On : 27 Nov 2018 13:12
 Operator : VAY/AP
 Sample : VW1127SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBL01

Quant Time: Nov 28 00:23:48 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	107357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51251	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	7.88	113	46573	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	208176	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	76484	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	324	2.123	ug/l #	44
20) Methylene Chloride	4.92	84	3019	Below Cal	#	84
31) Cyclohexane	7.95	56	2352	1.162	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	8203	5.154	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10825	7.102	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	38473	64.780	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	38473	162.636	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007083.D

Acq: 27 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

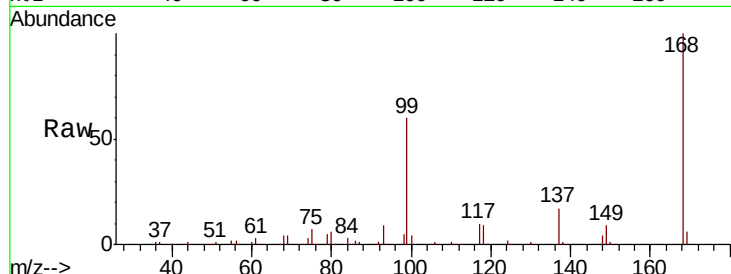
VW1127SBL01

Tot Ion:168 Resp: 107357

Ion Ratio Lower Upper

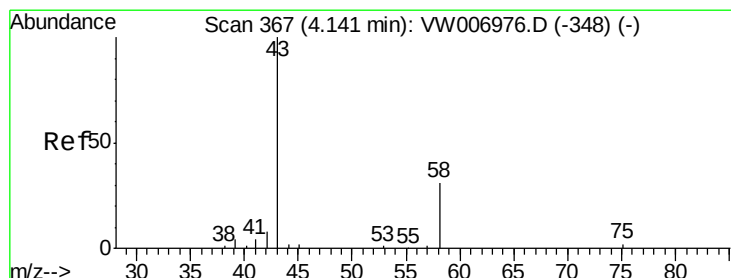
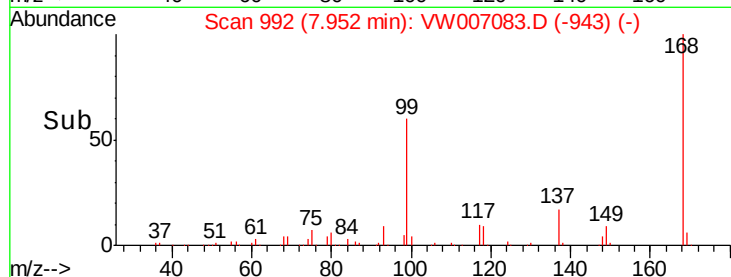
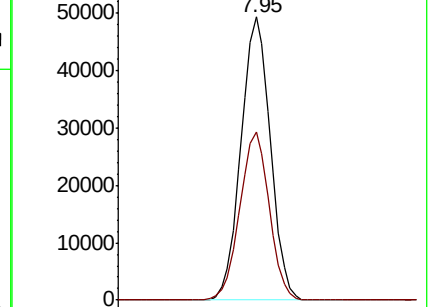
168 100

99 59.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.123 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW007083.D

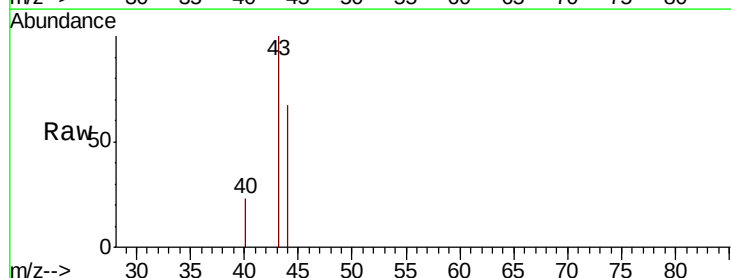
Acq: 27 Nov 2018 13:12

Tgt Ion: 43 Resp: 324

Ion Ratio Lower Upper

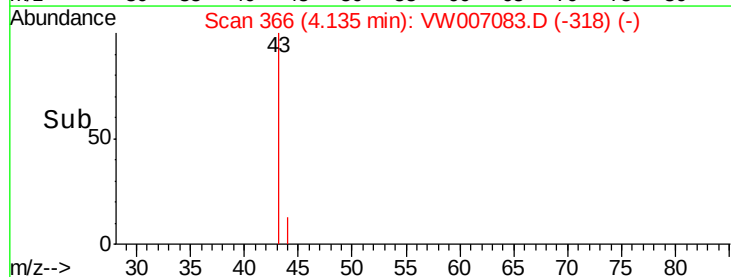
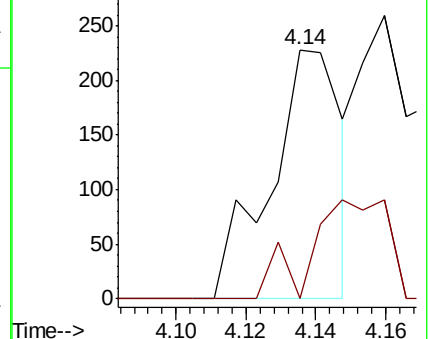
43 100

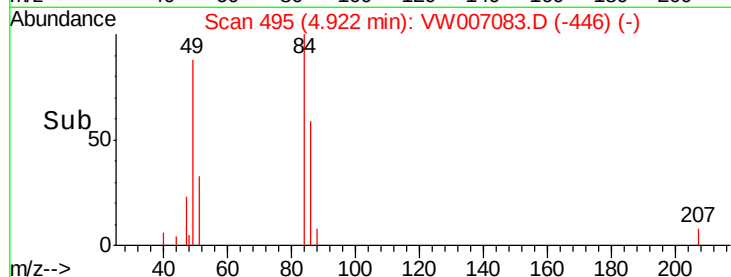
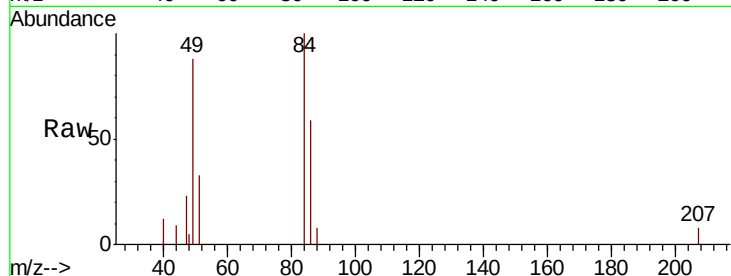
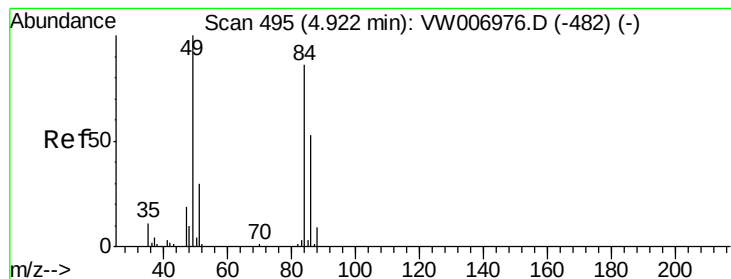
58 0.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007083.D

Acq: 27 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBL01

Tot Ion: 84 Resp: 3019

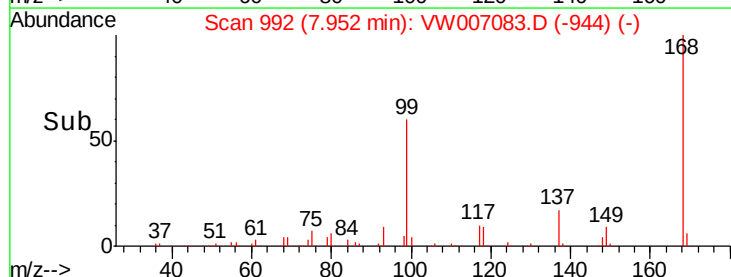
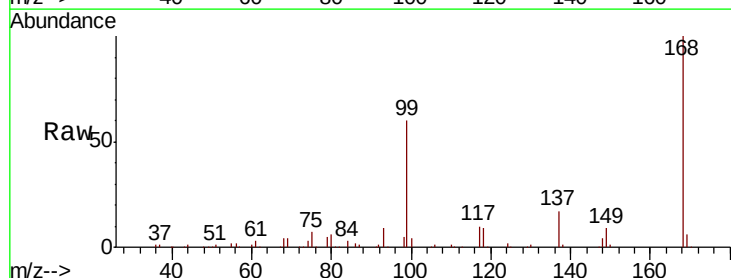
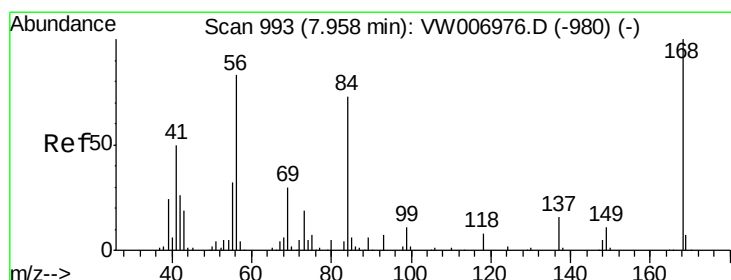
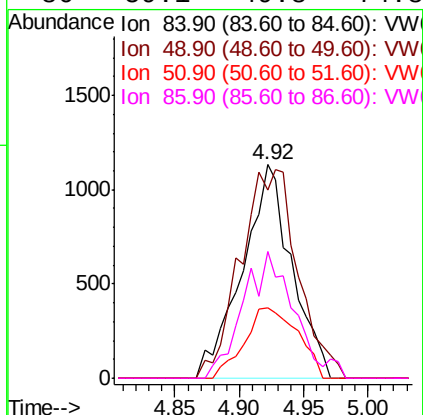
Ion Ratio Lower Upper

84 100

49 87.8 93.4 140.0#

51 32.8 28.4 42.6

86 59.1 49.8 74.8



#31

Cyclohexane

Concen: 1.162 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007083.D

Acq: 27 Nov 2018 13:12

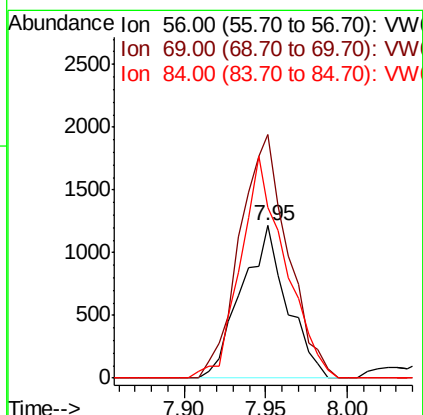
Tgt Ion: 56 Resp: 2352

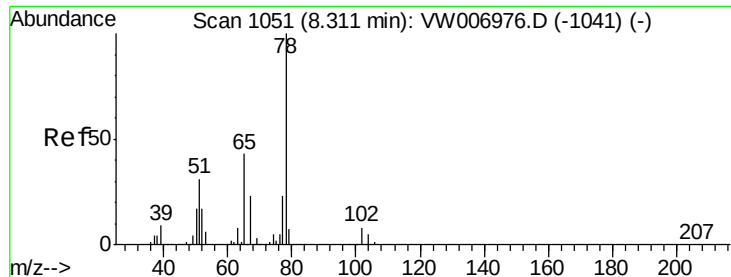
Ion Ratio Lower Upper

56 100

69 160.0 29.1 43.7#

84 112.5 70.6 105.8#

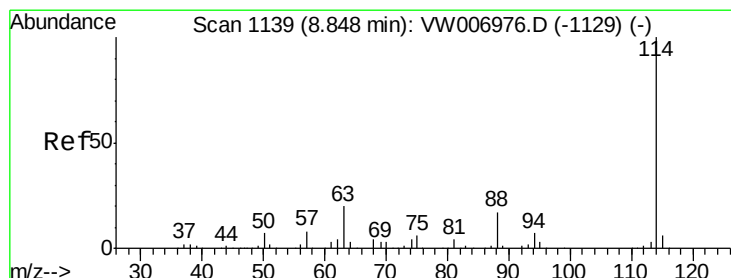
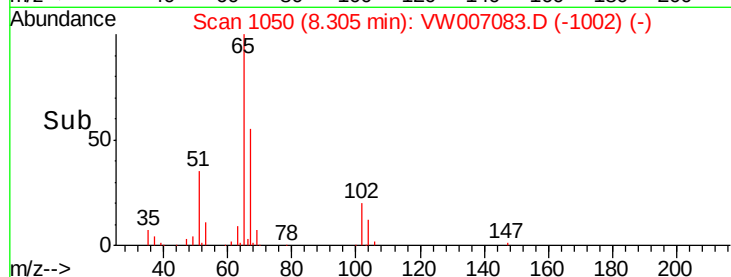
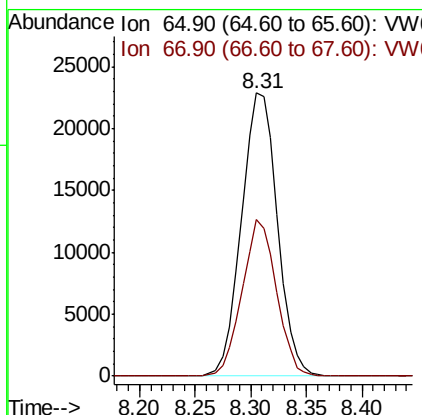
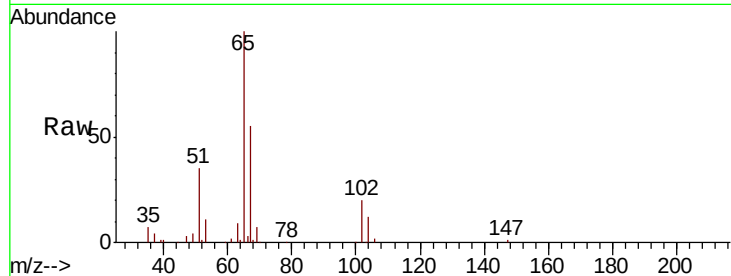




#33
 1,2-Dichloroethane-d4
 Concen: 48.762 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007083.D
 Acq: 27 Nov 2018 13:12

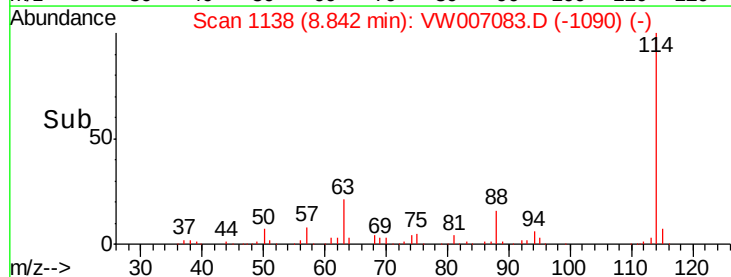
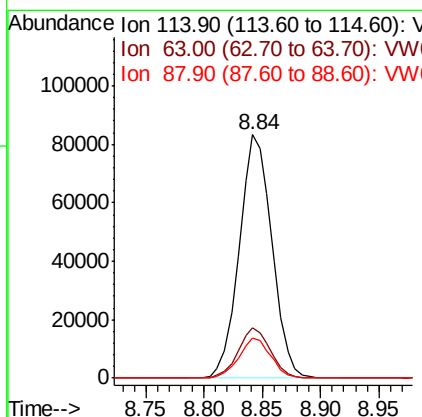
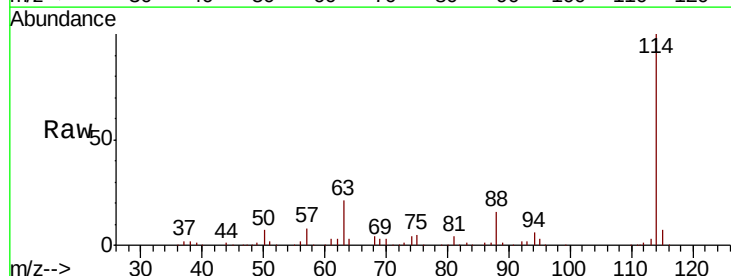
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBL01

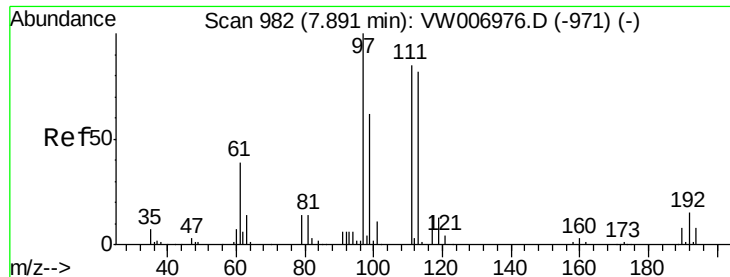
Tot Ion: 65 Resp: 51251
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007083.D
 Acq: 27 Nov 2018 13:12

Tgt Ion: 114 Resp: 162881
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.632 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007083.D

Acq: 27 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBL01

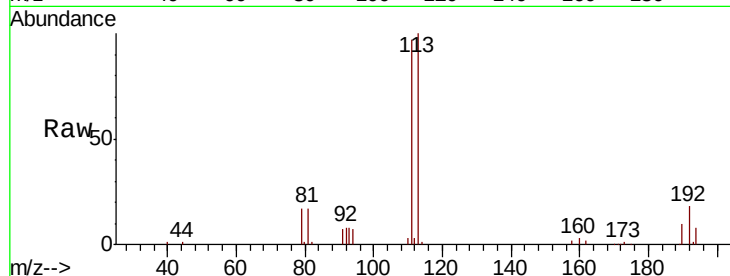
Tot Ion:113 Resp: 46573

Ion Ratio Lower Upper

113 100

111 102.1 81.0 121.6

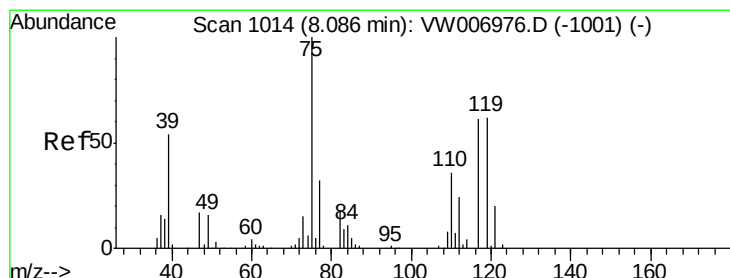
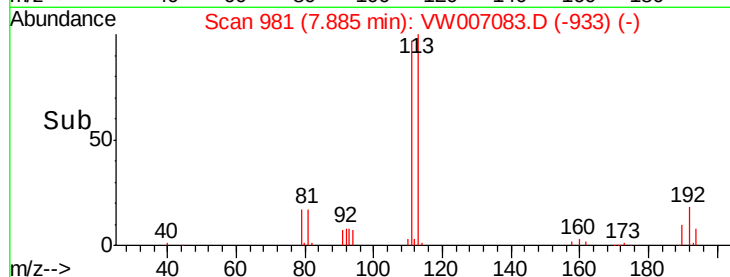
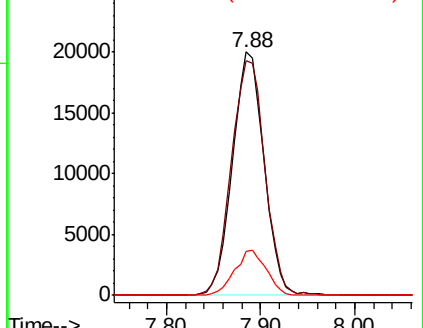
192 18.5 15.0 22.6



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: 5.154 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW007083.D

Acq: 27 Nov 2018 13:12

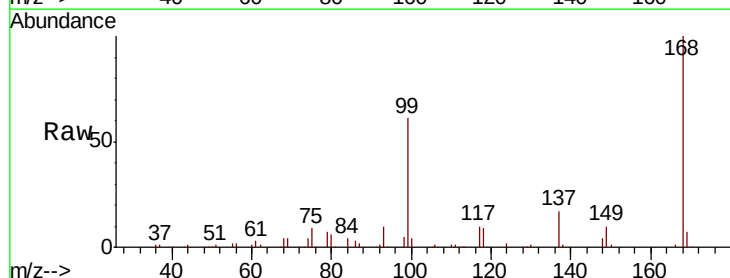
Tgt Ion: 75 Resp: 8203

Ion Ratio Lower Upper

75 100

110 8.7 18.0 54.0#

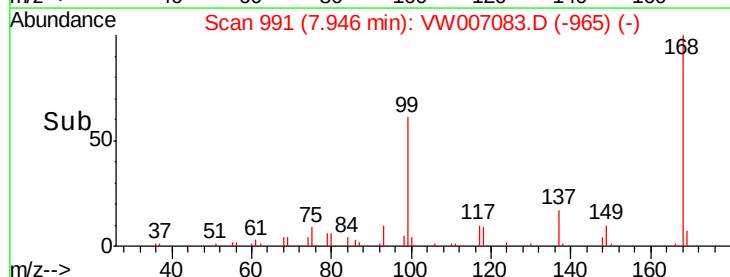
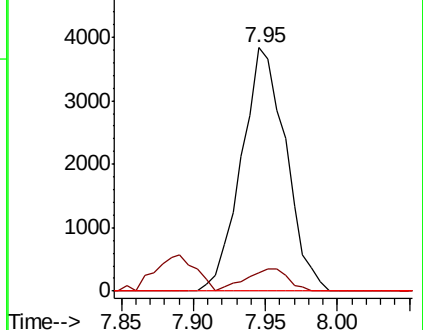
77 0.0 24.9 37.3#

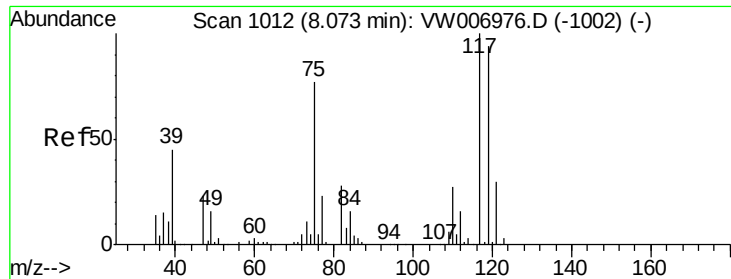


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

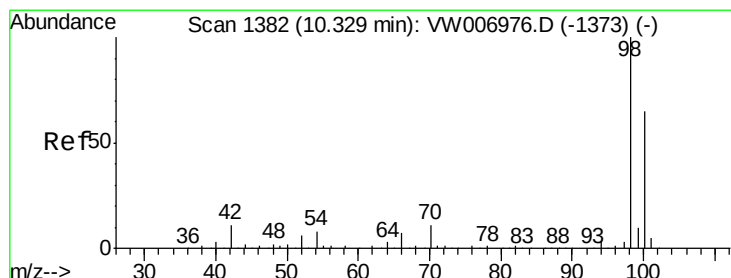
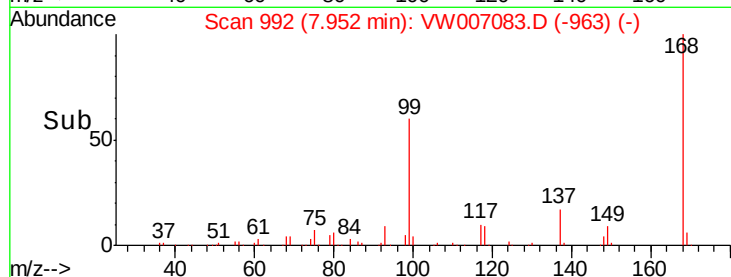
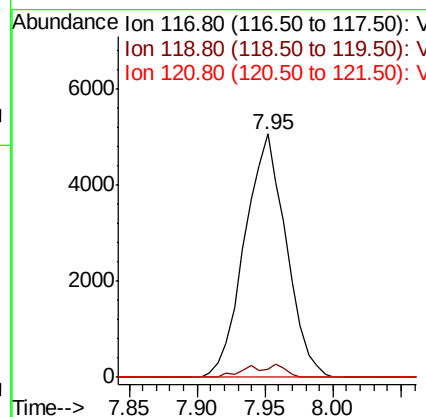
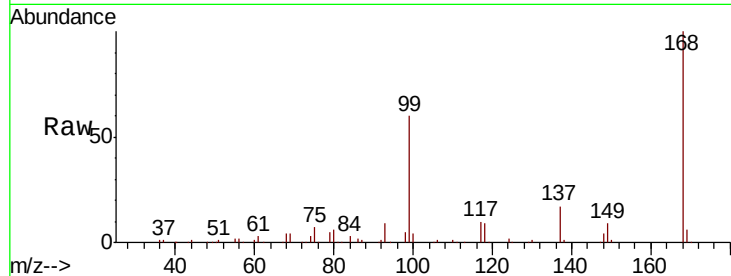




#38
Carbon Tetrachloride
Concen: 7.102 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007083.D
Acq: 27 Nov 2018 13:12

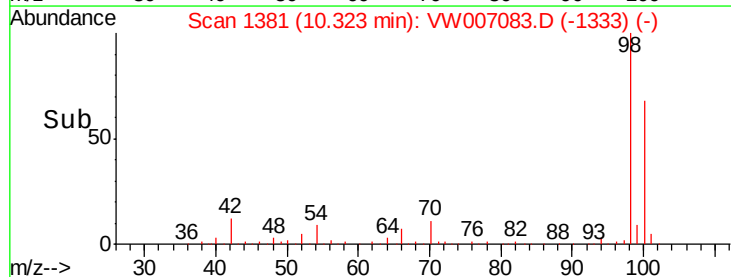
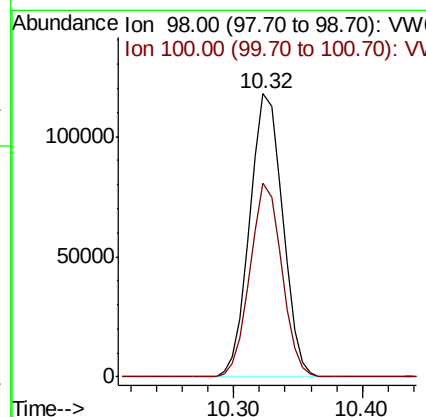
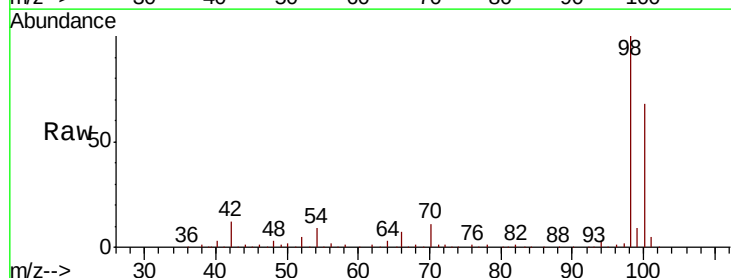
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBL01

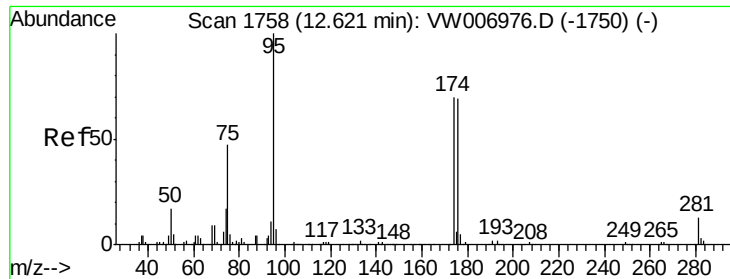
Tot Ion:117 Resp: 10825
Ion Ratio Lower Upper
117 100
119 3.5 74.9 112.3#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 51.251 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007083.D
Acq: 27 Nov 2018 13:12

Tgt Ion: 98 Resp: 208176
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2

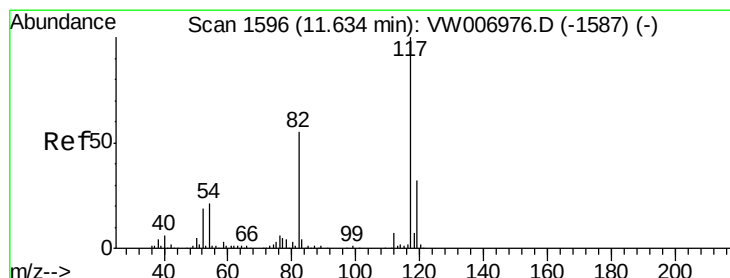
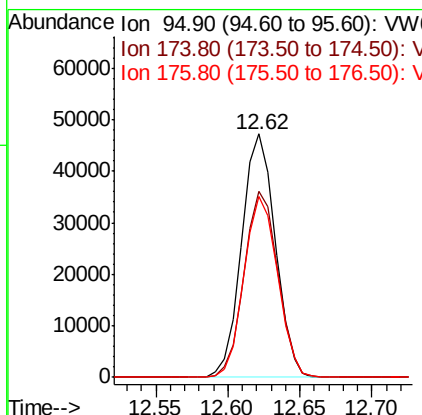
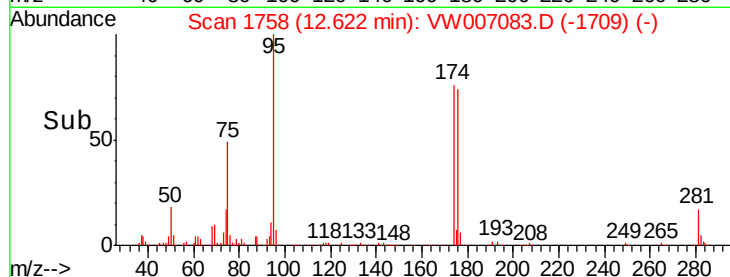
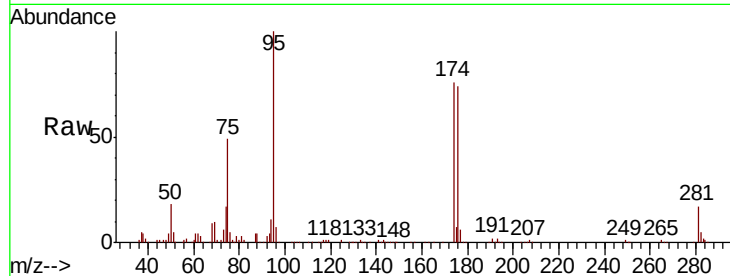




#62
4-Bromofluorobenzene
Concen: 47.850 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007083.D
Acq: 27 Nov 2018 13:12

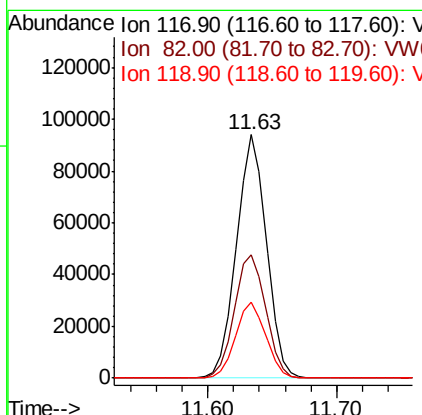
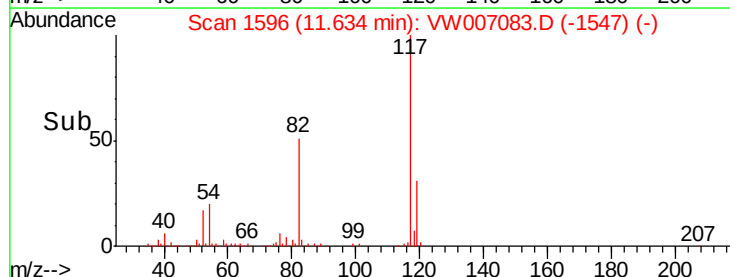
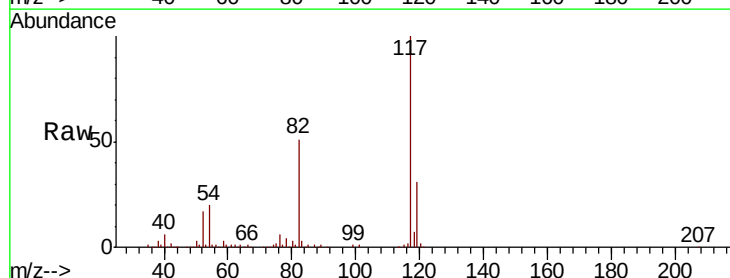
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBL01

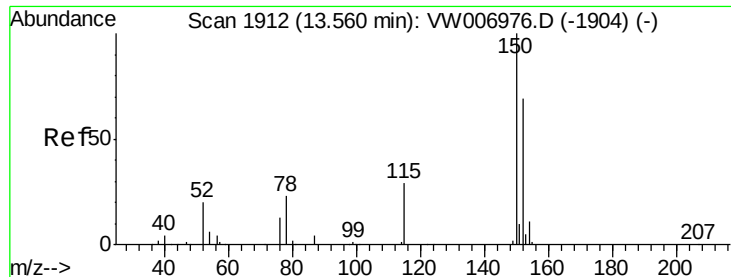
Tot Ion: 95 Resp: 76484
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.6
176 74.3 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007083.D
Acq: 27 Nov 2018 13:12

Tgt Ion: 117 Resp: 151556
Ion Ratio Lower Upper
117 100
82 50.8 44.2 66.2
119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007083.D

Acq: 27 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBL01

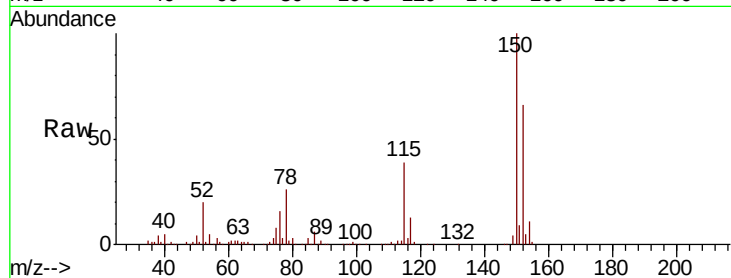
Tot Ion:152 Resp: 75580

Ion Ratio Lower Upper

152 100

115 59.6 31.4 94.2

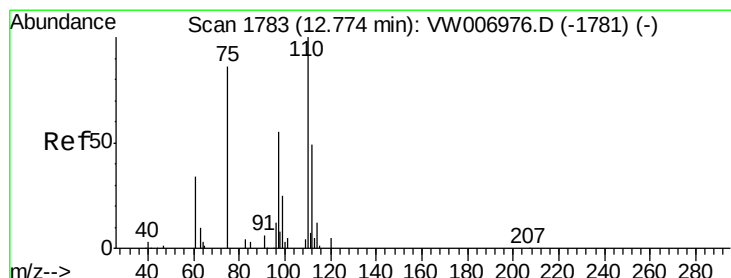
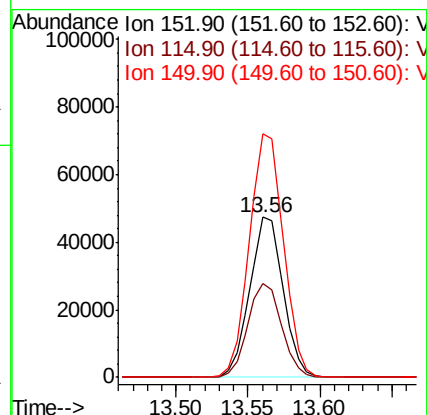
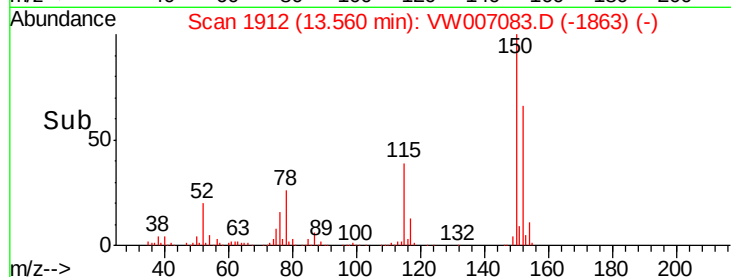
150 155.4 0.0 353.4



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: 64.780 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007083.D

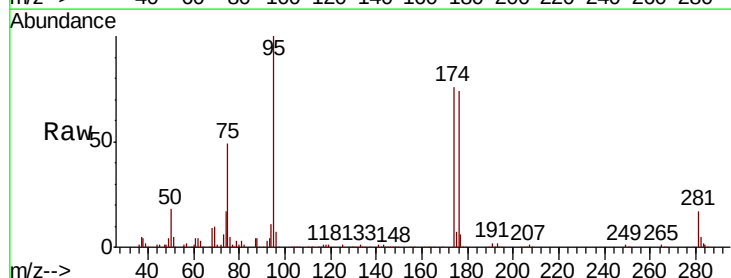
Acq: 27 Nov 2018 13:12

Tgt Ion: 75 Resp: 38473

Ion Ratio Lower Upper

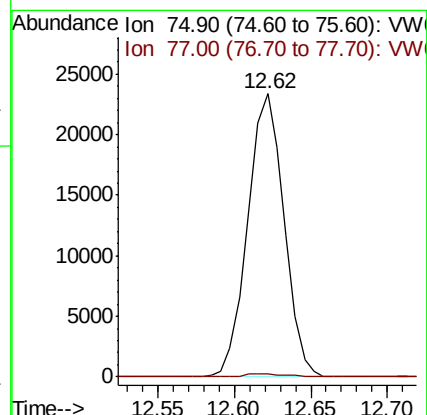
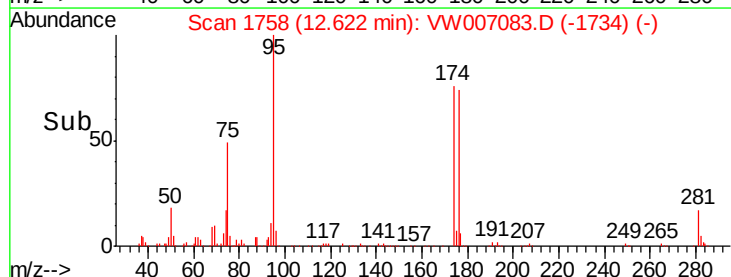
75 100

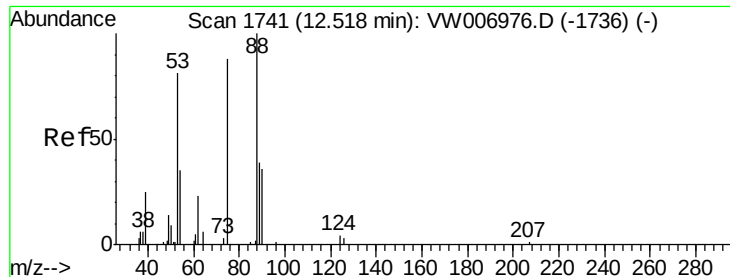
77 1.0 0.0 0.0#



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: 162.636 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007083.D

Acq: 27 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBL01

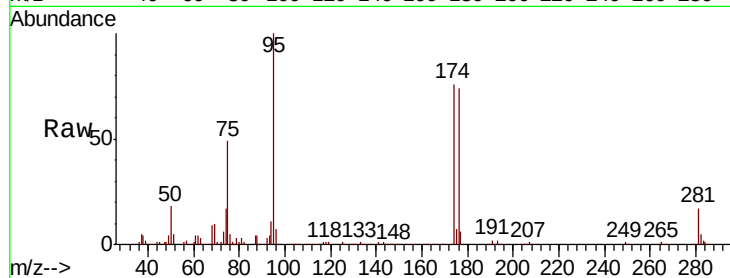
Tot Ion: 75 Resp: 38473

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.4 39.3 58.9#



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

