

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112818\
 Data File : VW007105.D
 Acq On : 28 Nov 2018 11:30
 Operator : VAY/AP
 Sample : VW1128SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBL01

Quant Time: Nov 28 16:25:22 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	110157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78252	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54468	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.89	113	49224	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.32	98	223744	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	12.62	95	87428	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	

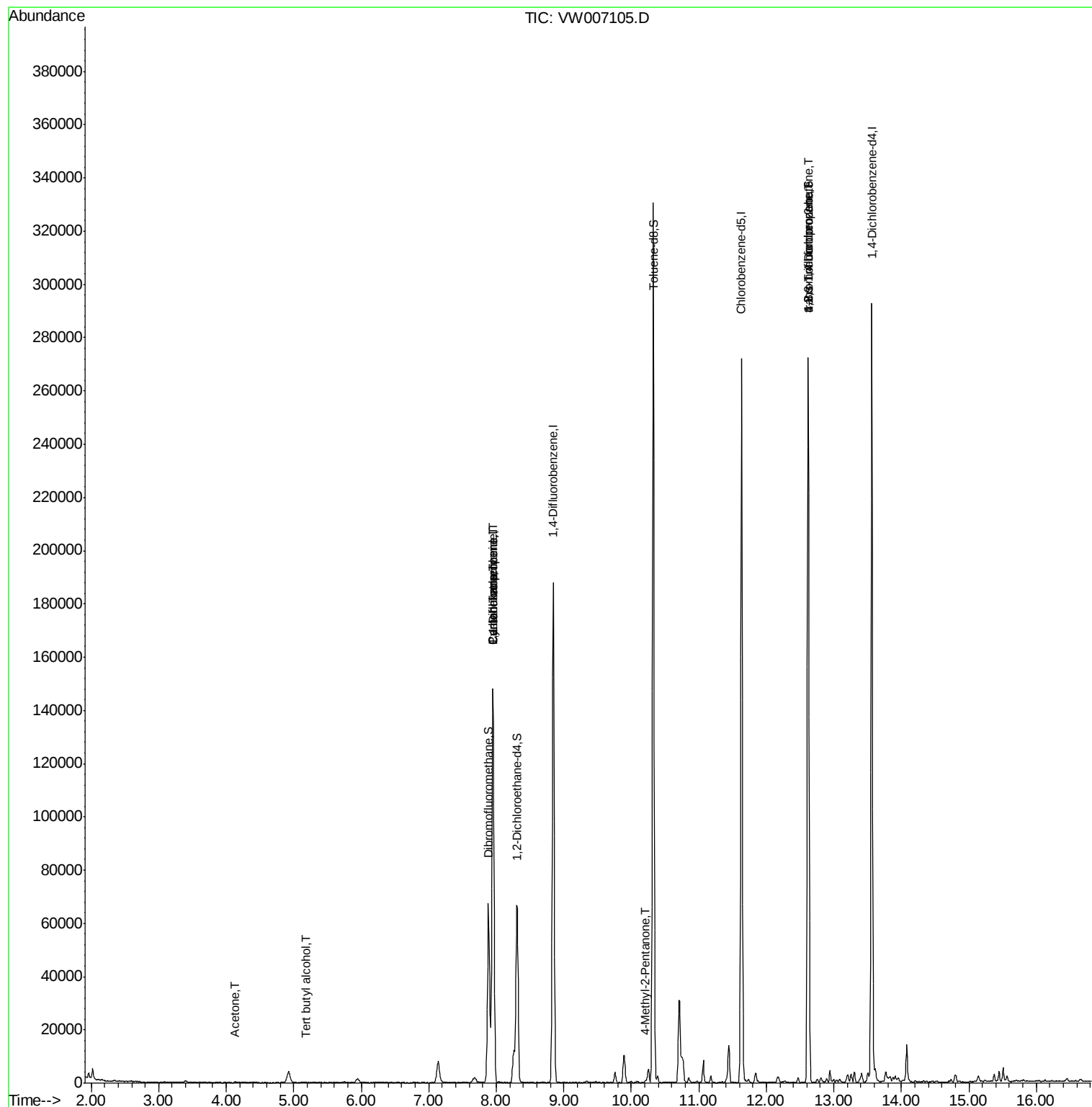
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	140	1.99	ug/l	# 71
16) Acetone	4.14	43	577	3.69	ug/l	94
20) Methylene Chloride	4.93	84	3311	Below Cal		90
31) Cyclohexane	7.95	56	2500	1.20	ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	8491	5.28	ug/l	# 51
38) Carbon Tetrachloride	7.95	117	11664	7.57	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.21	43	815	1.45	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	42221	68.66	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	42221	172.39	ug/l	# 10

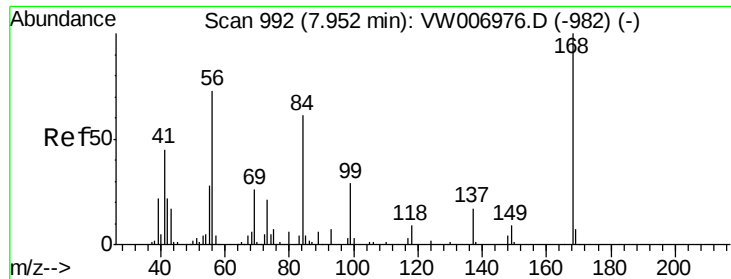
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112818\
Data File : VW007105.D
Acq On : 28 Nov 2018 11:30
Operator : VAY/AP
Sample : VW1128SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1128SBL01

Quant Time: Nov 28 16:25:22 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: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007105.D

Acq: 28 Nov 2018 11:30

Instrument :

MSVOA_W

ClientSampleId :

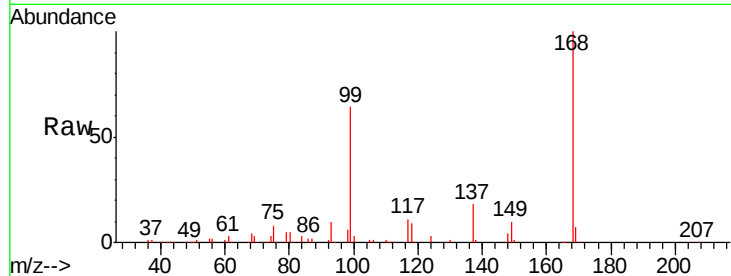
VW1128SBL01

Tgt Ion:168 Resp: 110157

Ion Ratio Lower Upper

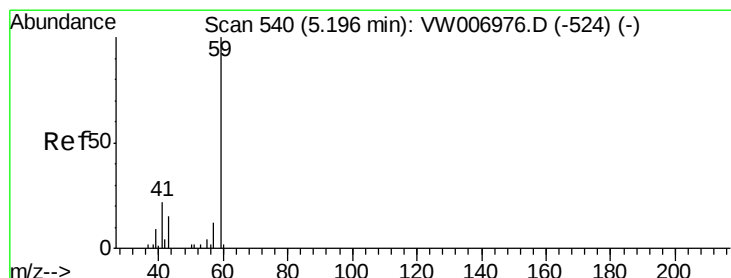
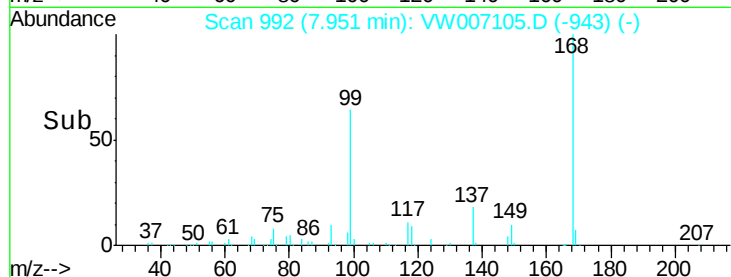
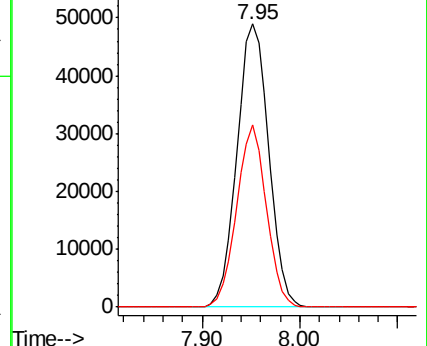
168 100

99 64.2 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: 1.99 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.02 min

Lab File: VW007105.D

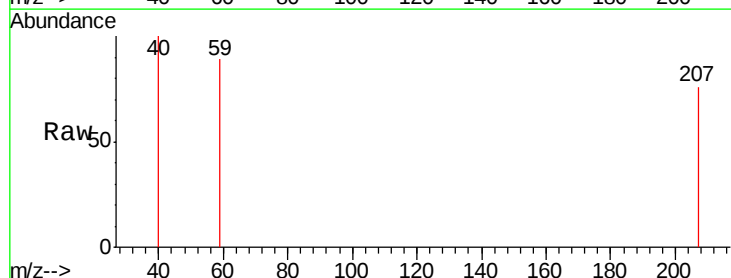
Acq: 28 Nov 2018 11:30

Tgt Ion: 59 Resp: 140

Ion Ratio Lower Upper

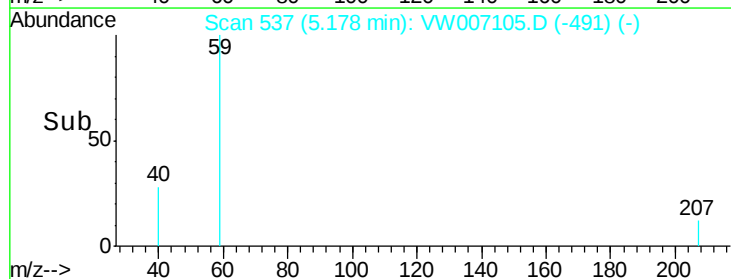
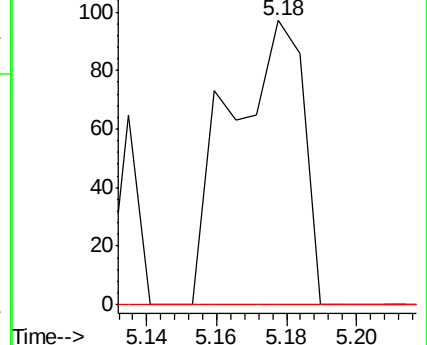
59 100

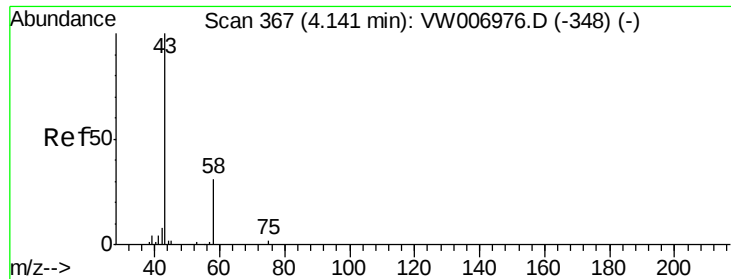
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 3.69 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW007105.D

Acq: 28 Nov 2018 11:30

Instrument :

MSVOA_W

ClientSampleId :

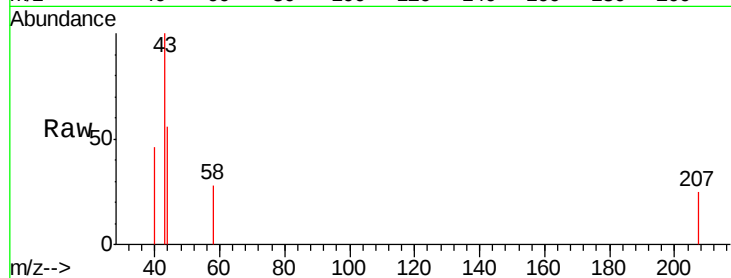
VW1128SBL01

Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

58 27.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

250

200

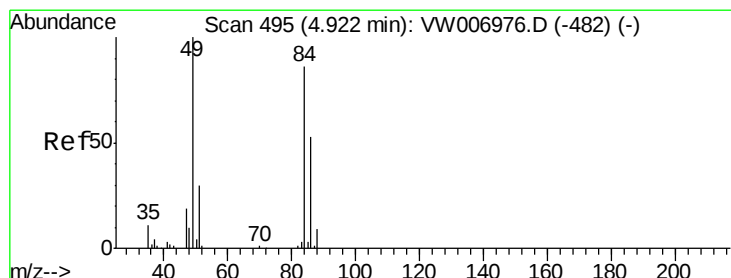
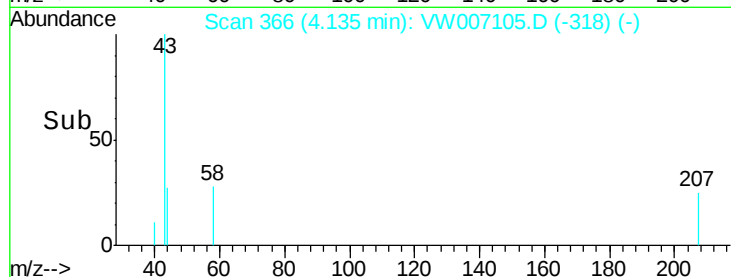
150

100

50

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007105.D

Acq: 28 Nov 2018 11:30

Tgt Ion: 84 Resp: 3311

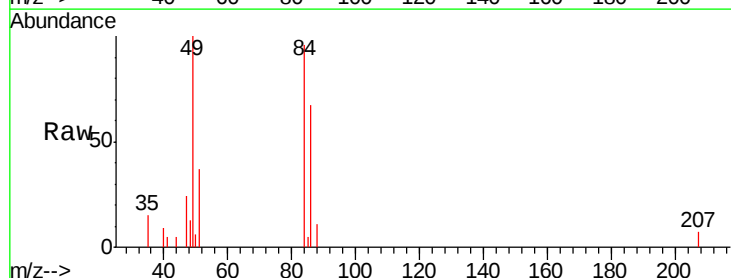
Ion Ratio Lower Upper

84 100

49 103.7 93.4 140.0

51 38.1 28.4 42.6

86 69.4 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

2000

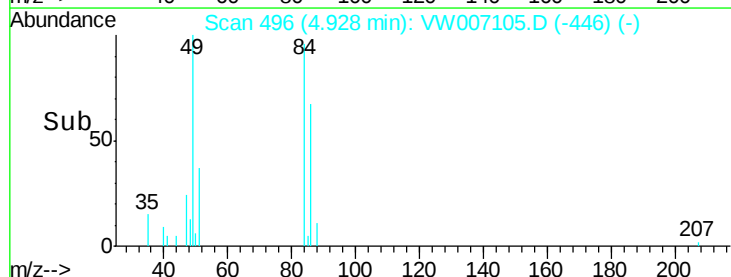
1500

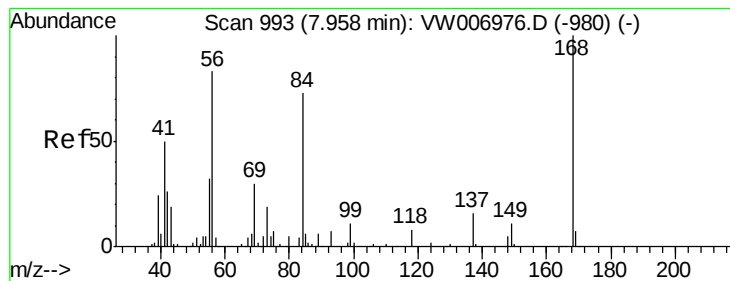
1000

500

0

Time-->





#31

Cyclohexane

Concen: 1.20 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007105.D

Acq: 28 Nov 2018 11:30

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBL01

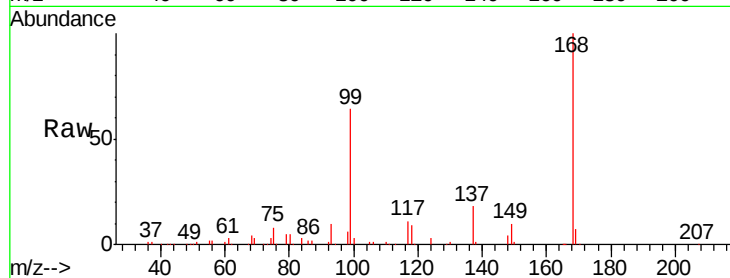
Tgt Ion: 56 Resp: 2500

Ion Ratio Lower Upper

56 100

69 147.6 29.1 43.7#

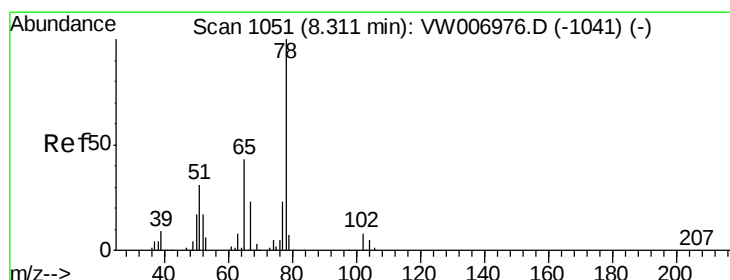
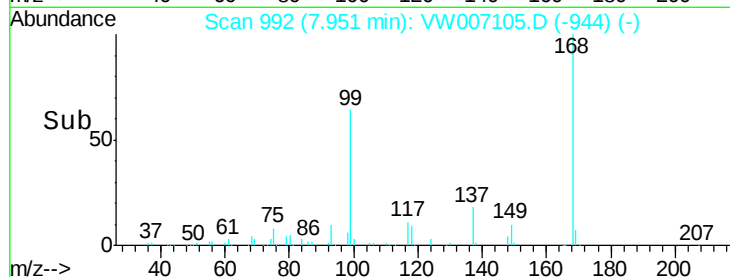
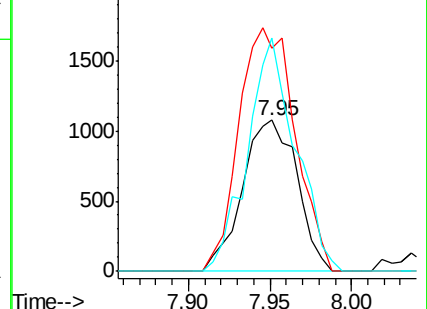
84 154.4 70.6 105.8#



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: 50.51 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007105.D

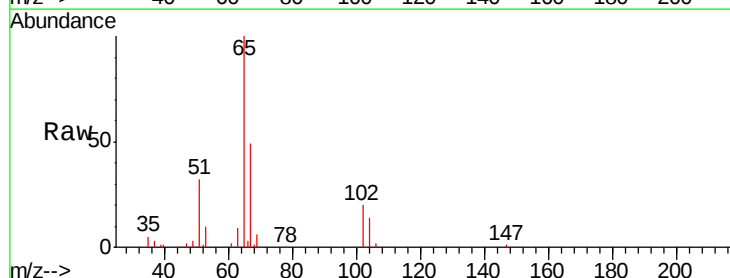
Acq: 28 Nov 2018 11:30

Tgt Ion: 65 Resp: 54468

Ion Ratio Lower Upper

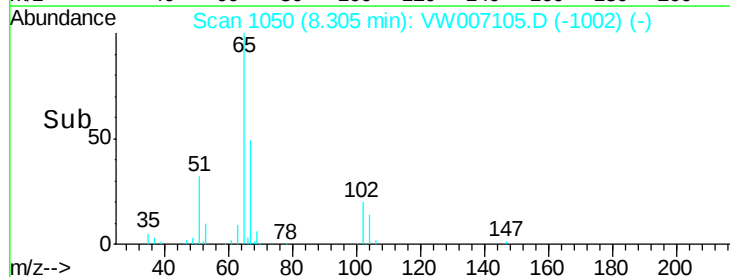
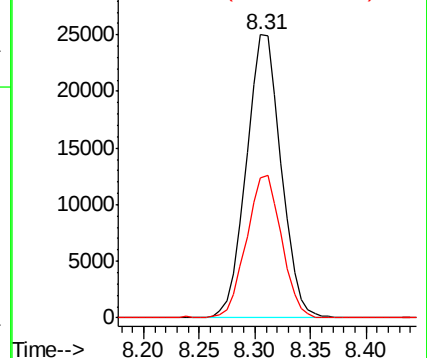
65 100

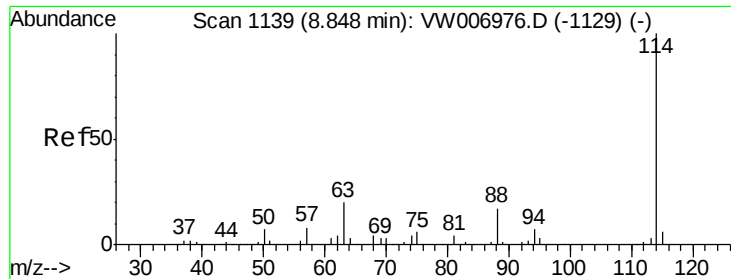
67 50.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

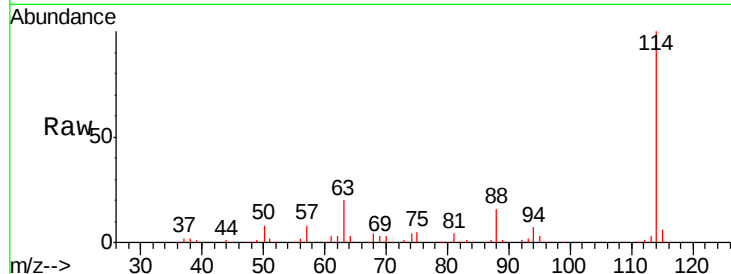




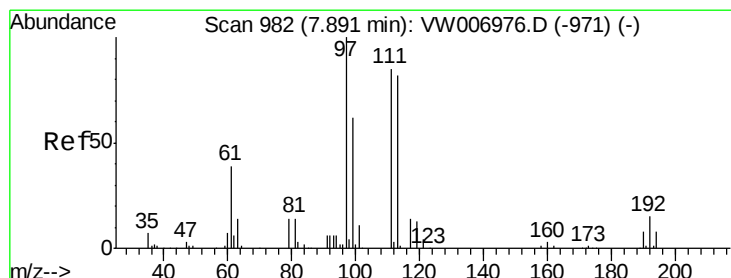
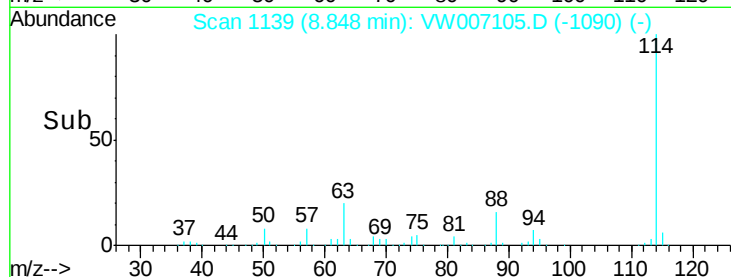
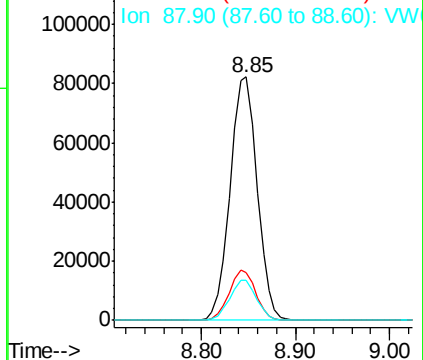
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007105.D
 Acq: 28 Nov 2018 11:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBL01

Tgt Ion:114 Resp: 164567
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 16.3 0.0 34.2

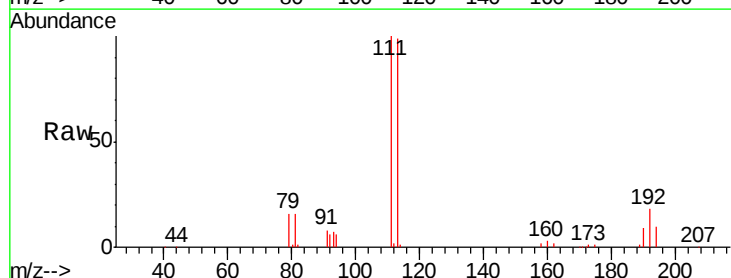


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

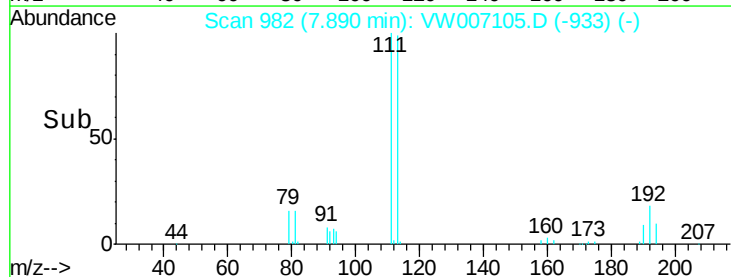
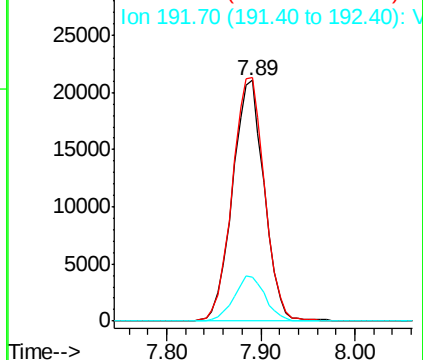


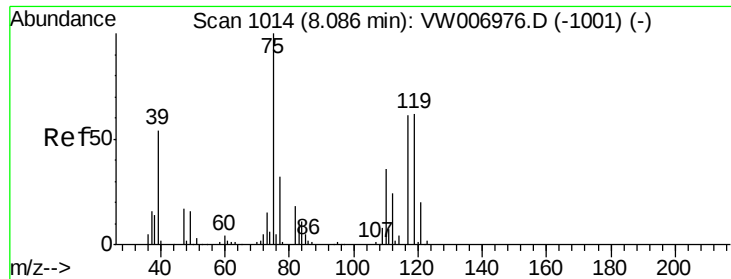
#35
 Dibromofluoromethane
 Concen: 52.97 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007105.D
 Acq: 28 Nov 2018 11:30

Tgt Ion:113 Resp: 49224
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 18.4 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

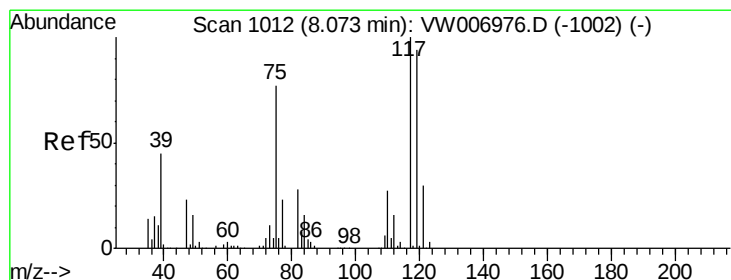
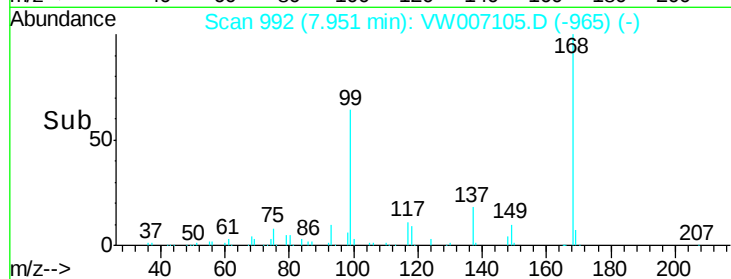
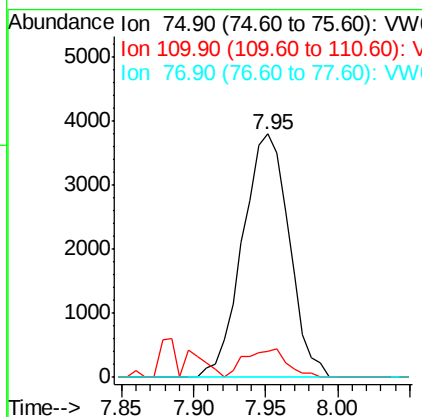
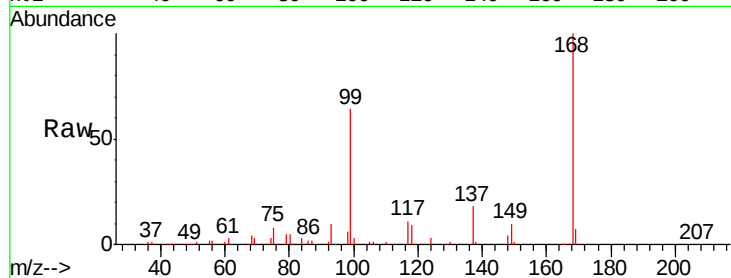




#36
 1,1-Dichloropropene
 Concen: 5.28 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007105.D
 Acq: 28 Nov 2018 11:30

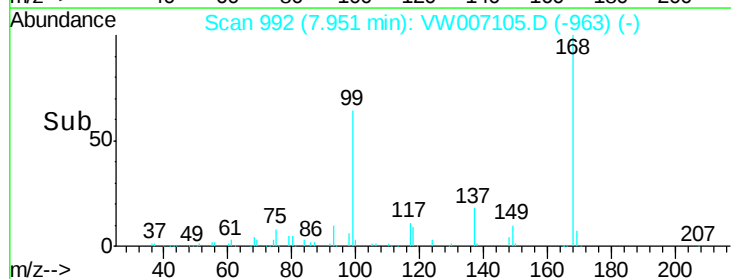
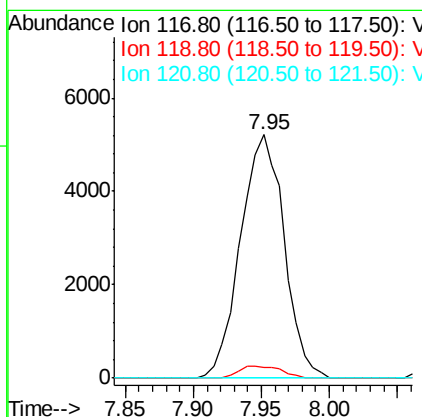
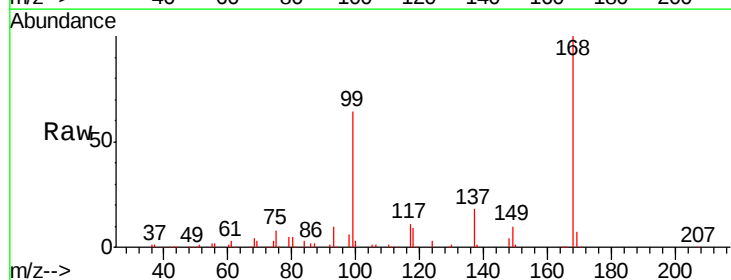
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBL01

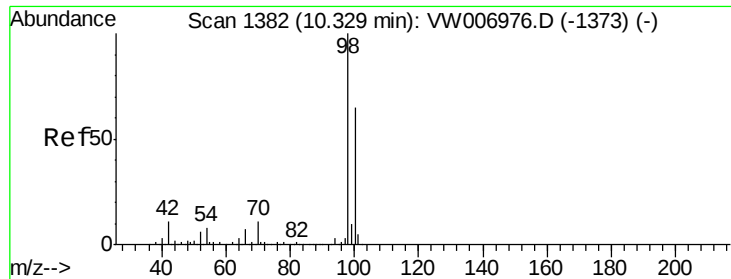
Tgt Ion: 75 Resp: 8491
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.0 54.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 7.57 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007105.D
 Acq: 28 Nov 2018 11:30

Tgt Ion: 117 Resp: 11664
 Ion Ratio Lower Upper
 117 100
 119 4.5 74.9 112.3#
 121 0.0 23.6 35.4#

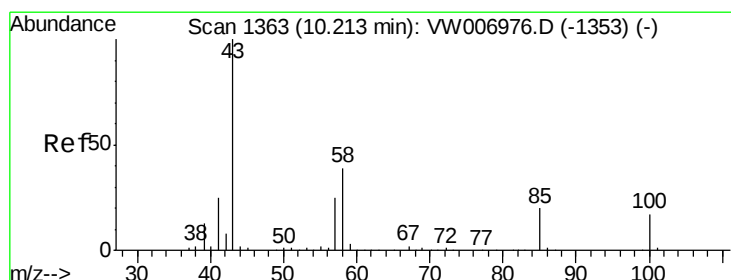
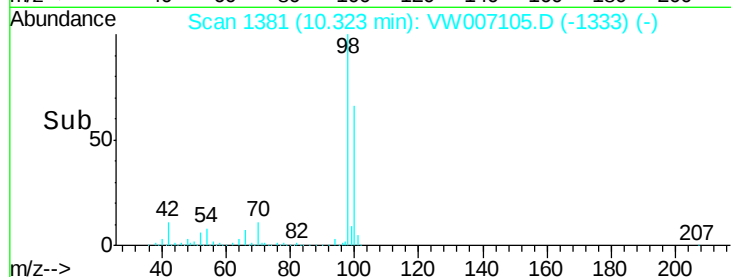
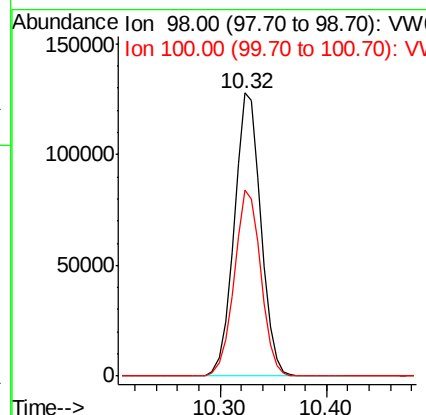
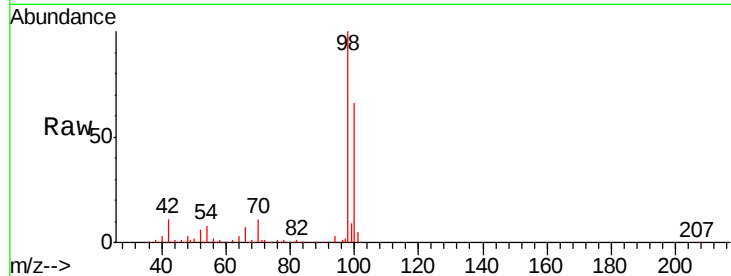




#50
Toluene-d8
Concen: 54.52 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007105.D
Acq: 28 Nov 2018 11:30

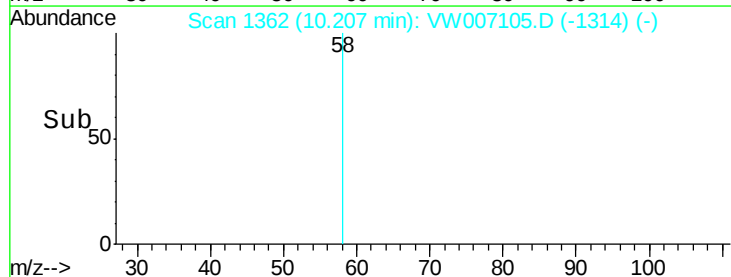
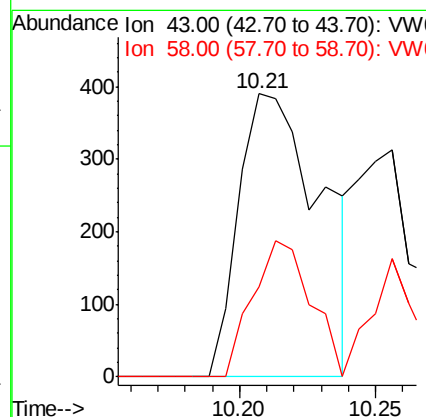
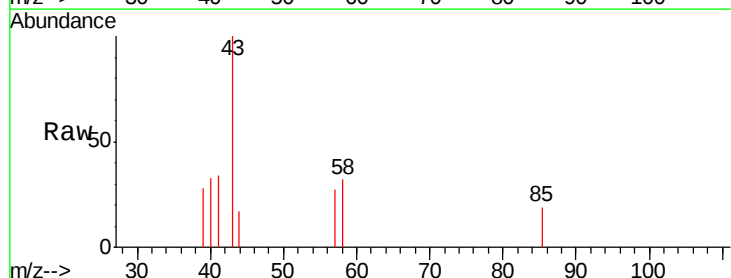
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBL01

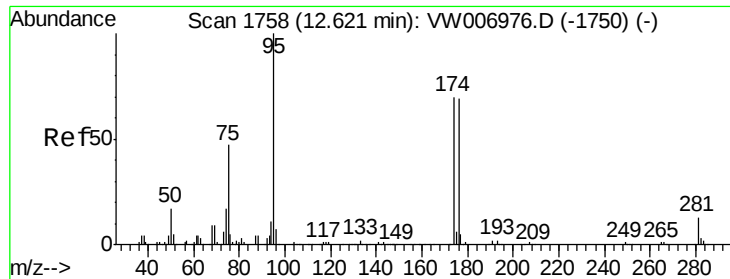
Tgt Ion: 98 Resp: 223744
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.45 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW007105.D
Acq: 28 Nov 2018 11:30

Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 34.1 31.8 47.6

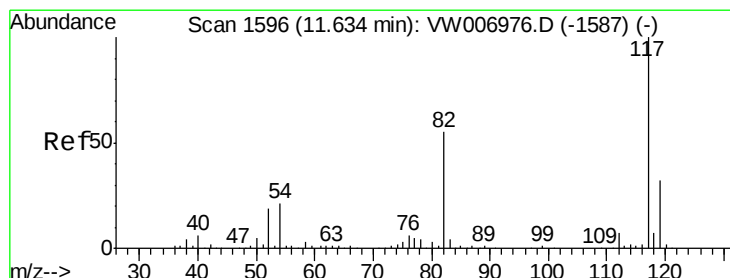
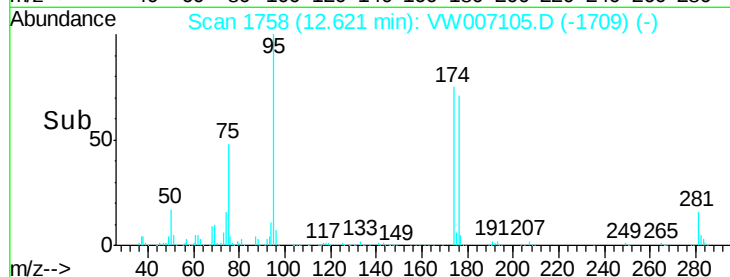
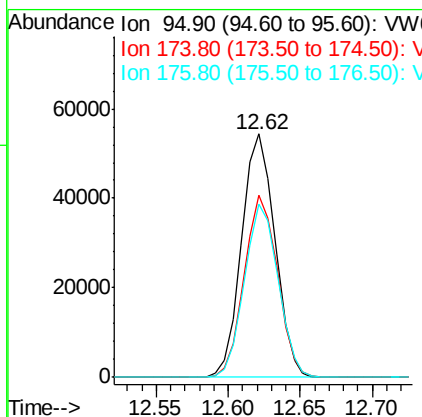
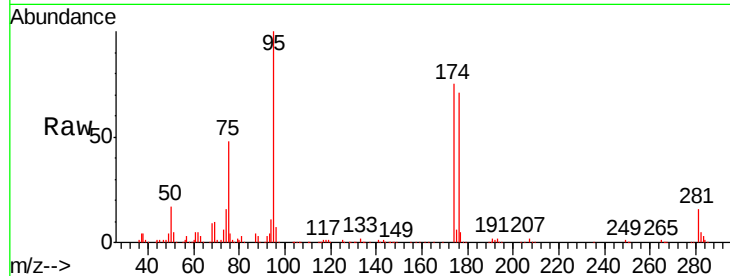




#62
4-Bromofluorobenzene
Concen: 54.14 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007105.D
Acq: 28 Nov 2018 11:30

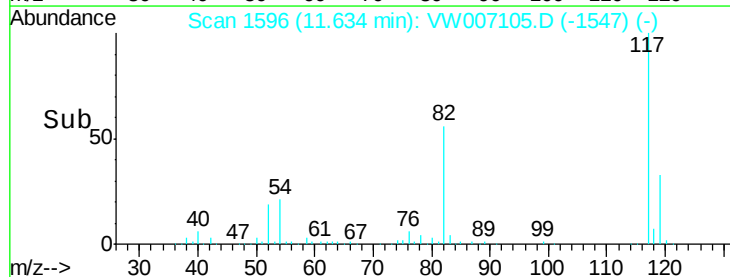
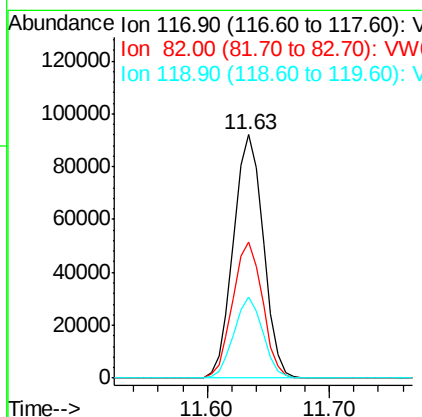
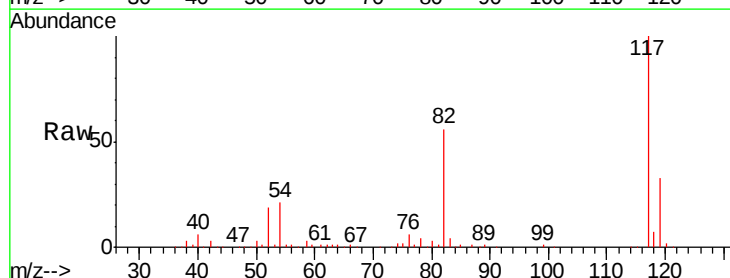
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBL01

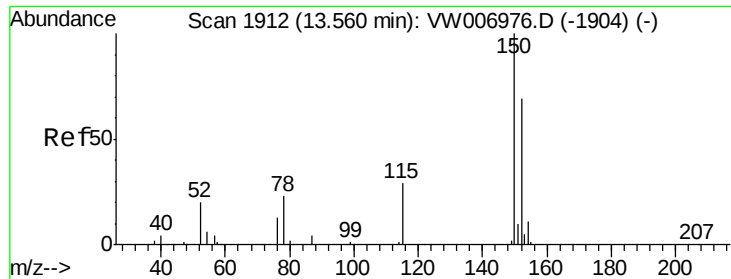
Tgt Ion: 95 Resp: 87428
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.6
176 71.6 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007105.D
Acq: 28 Nov 2018 11:30

Tgt Ion: 117 Resp: 155626
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 33.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007105.D

Acq: 28 Nov 2018 11:30

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBL01

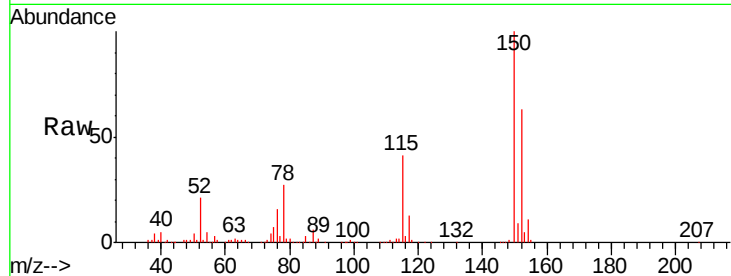
Tgt Ion:152 Resp: 78252

Ion Ratio Lower Upper

152 100

115 62.2 31.4 94.2

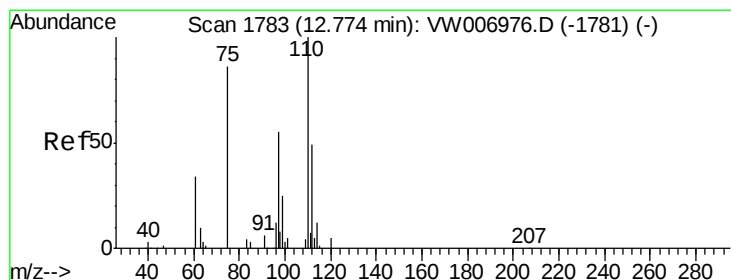
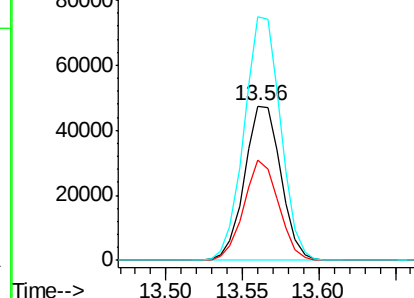
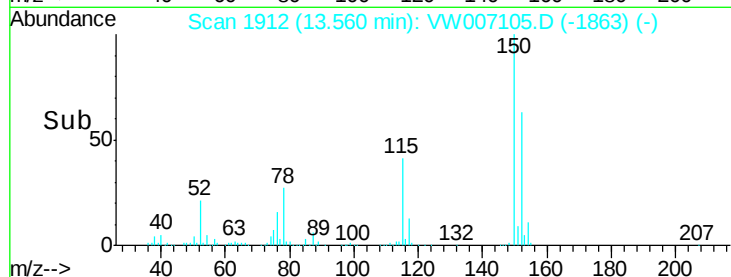
150 157.9 0.0 353.4



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: 68.66 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007105.D

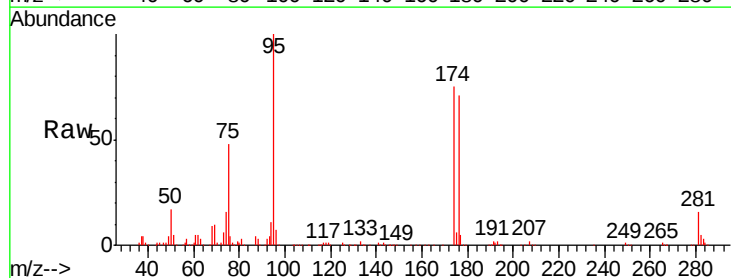
Acq: 28 Nov 2018 11:30

Tgt Ion: 75 Resp: 42221

Ion Ratio Lower Upper

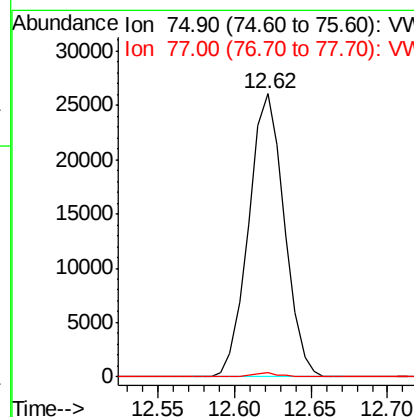
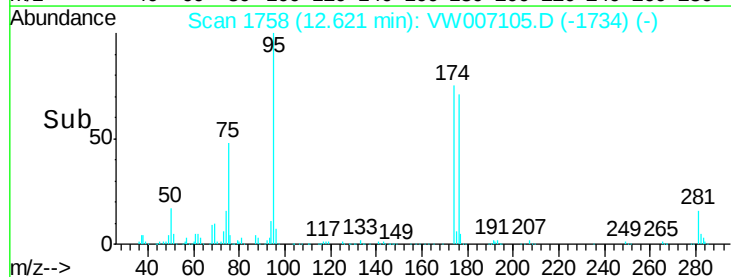
75 100

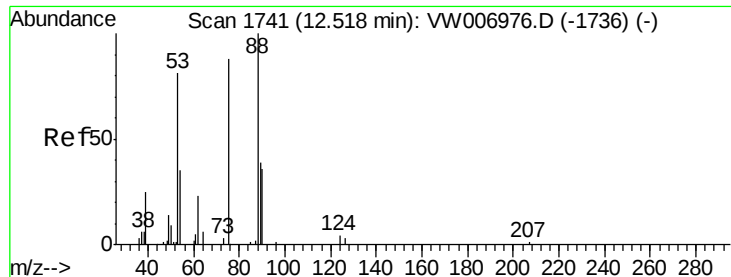
77 1.1 0.0 0.0#



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: 172.39 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007105.D

Acq: 28 Nov 2018 11:30

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBL01

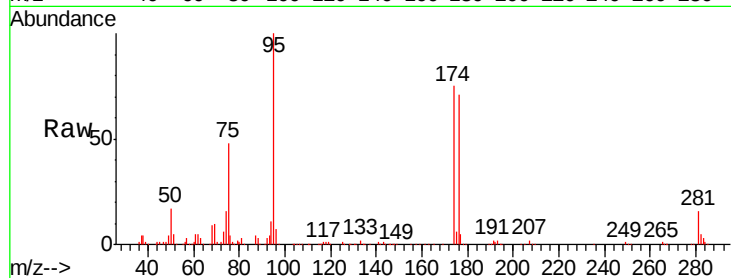
Tgt Ion: 75 Resp: 42221

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.2 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

