

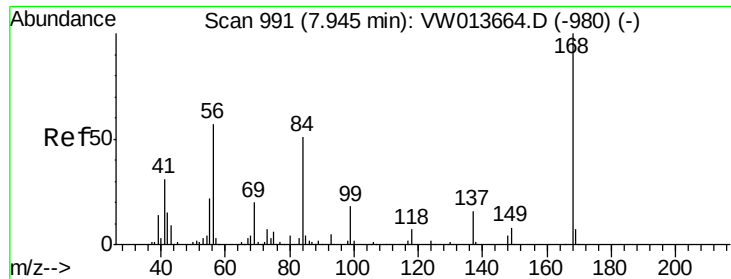
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013771.D
 Acq On : 28 Oct 2019 17:16
 Operator : SY/VA
 Sample : K5542-08
 Misc : 5.43G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 11:47:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	113927	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.68%	
35) Dibromofluoromethane	7.88	113	118685	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	10.32	98	457378	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	131806	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	513	1.207	ug/l #	65
36) 1,1-Dichloropropene	7.95	75	17089	4.560	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23017	6.820	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	1846	1.353	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	61553	68.525	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61553	129.503	ug/l #	14

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

Instrument :

MSVOA_W

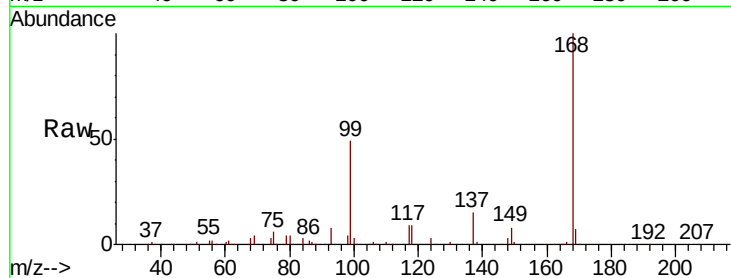
ClientSampleId :

Tot Ion:168 Resp: 267190

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

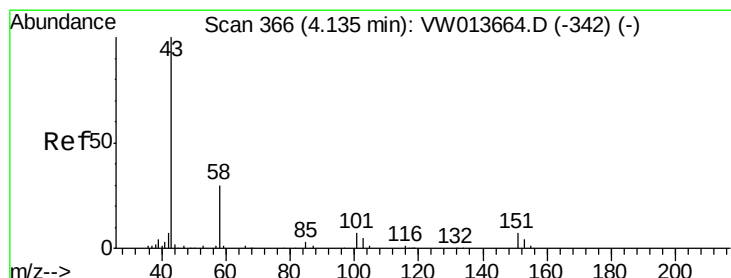
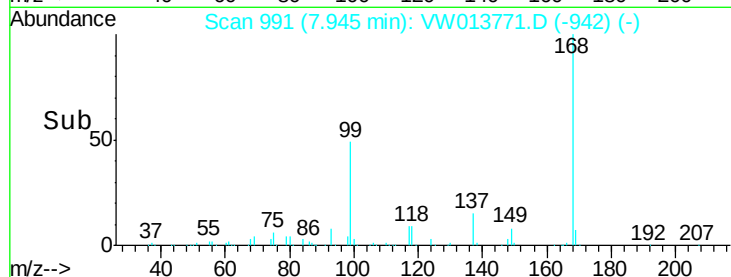
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 1.207 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW013771.D

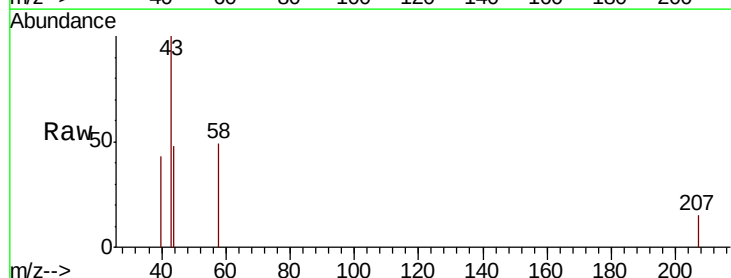
Acq: 28 Oct 2019 17:16

Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

58 49.2 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

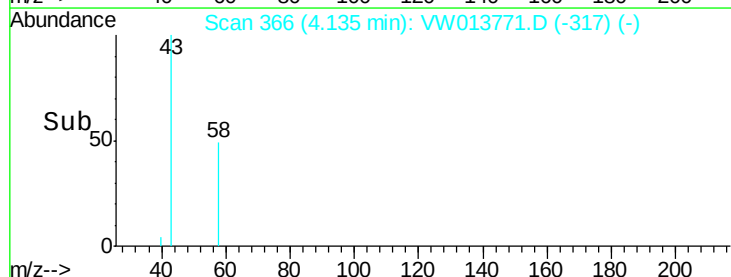
300

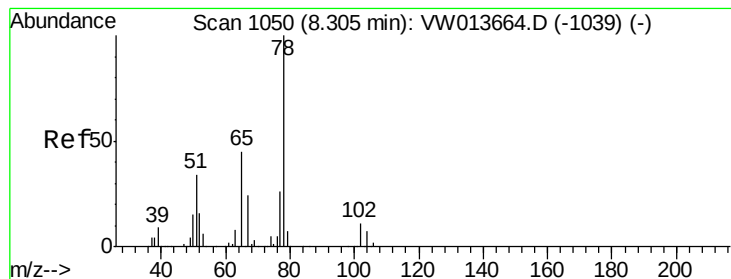
200

100

0

Time--> 4.08 4.10 4.12 4.14





#33

1,2-Dichloroethane-d4

Concen: 56.840 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

Instrument :

MSVOA_W

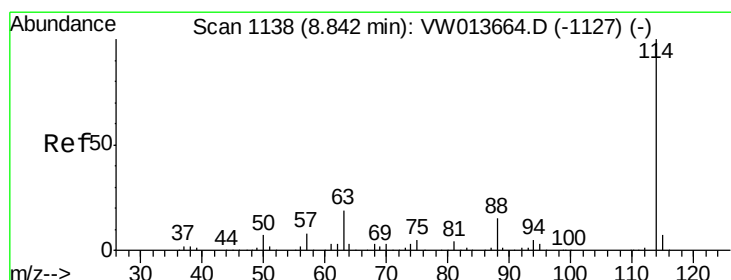
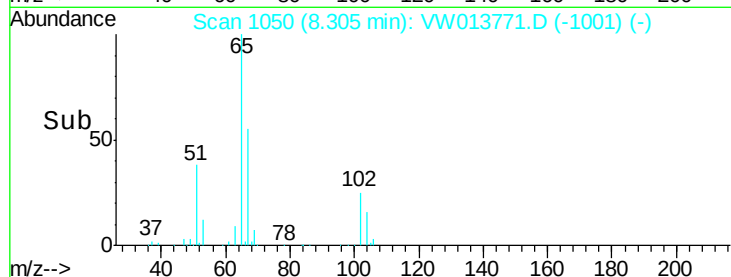
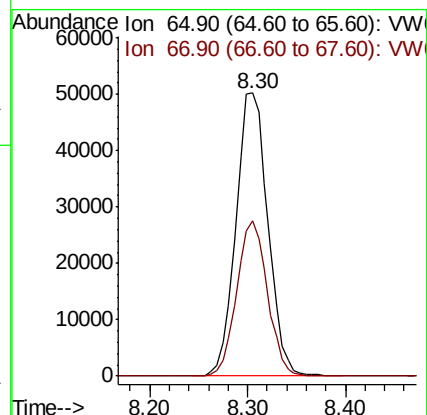
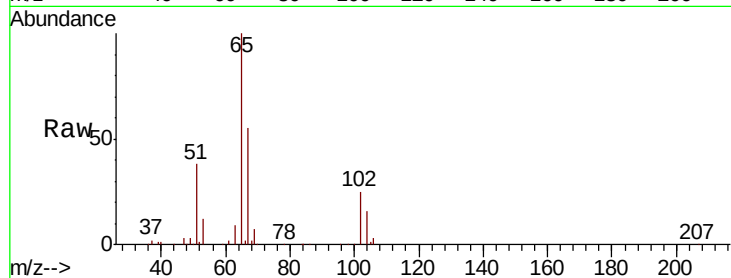
ClientSampled :

Tot Ion: 65 Resp: 113927

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

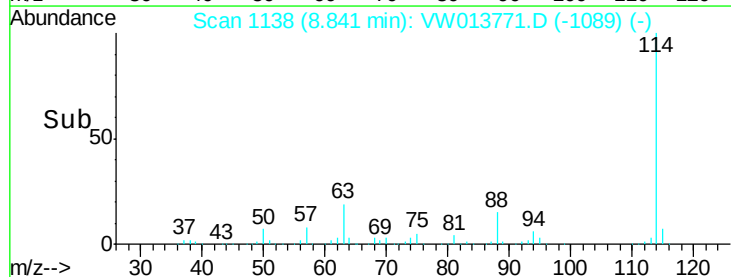
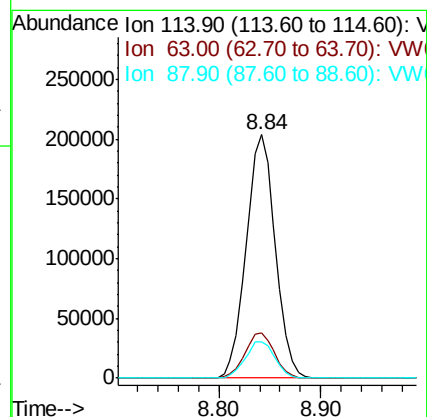
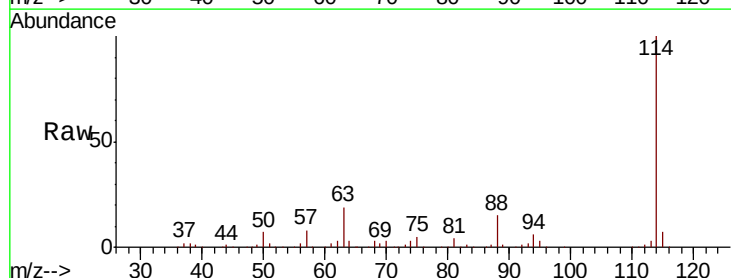
Tgt Ion: 114 Resp: 402416

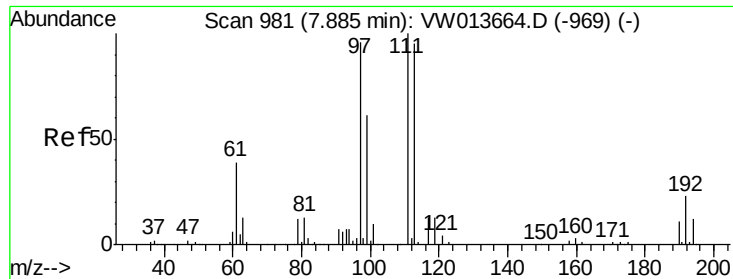
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

88 14.8 0.0 30.2

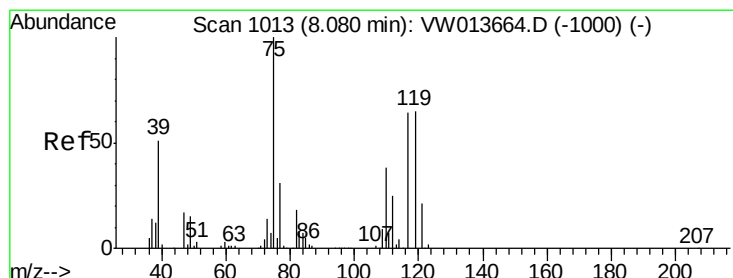
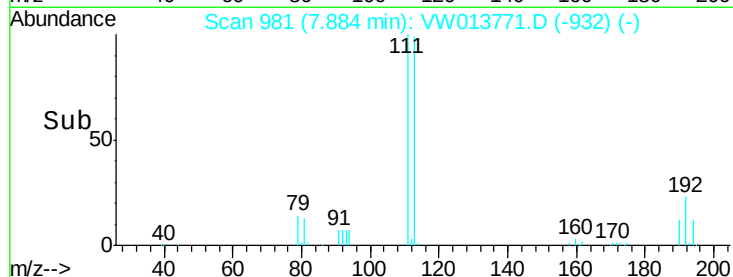
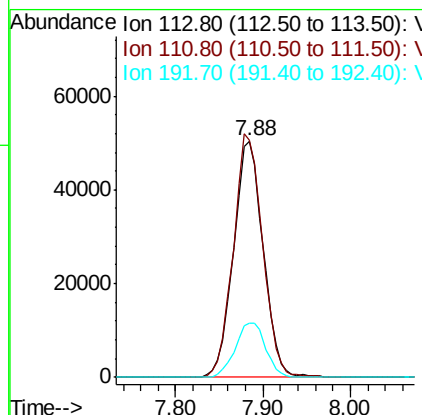
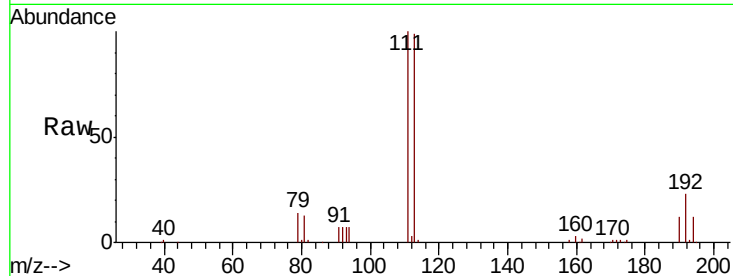




#35
 Dibromofluoromethane
 Concen: 53.078 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013771.D
 Acq: 28 Oct 2019 17:16

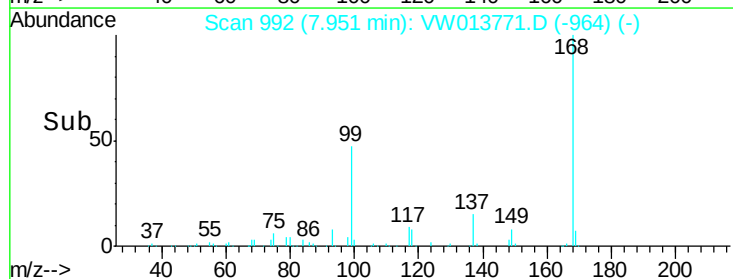
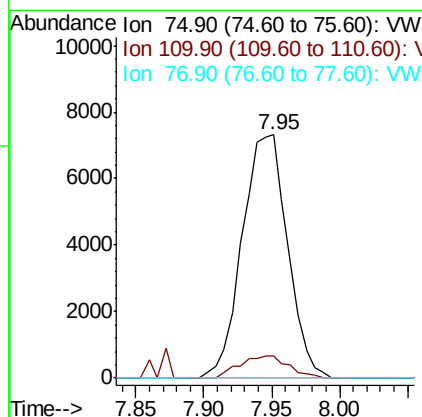
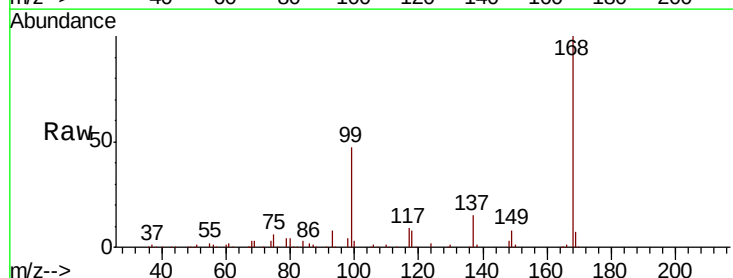
Instrument :
 MSVOA_W
 ClientSampleId :

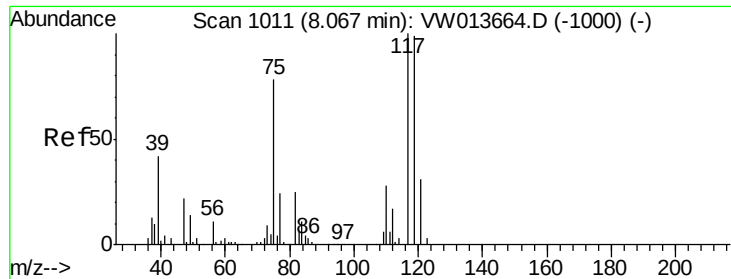
Tot Ion:113 Resp: 118685
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.6
 192 23.8 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.560 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW013771.D
 Acq: 28 Oct 2019 17:16

Tgt Ion: 75 Resp: 17089
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.7 56.1#
 77 0.0 25.4 38.0#

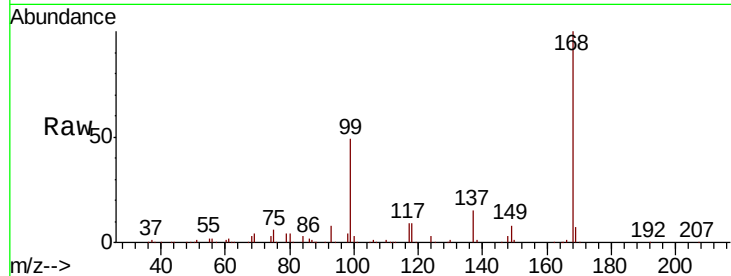




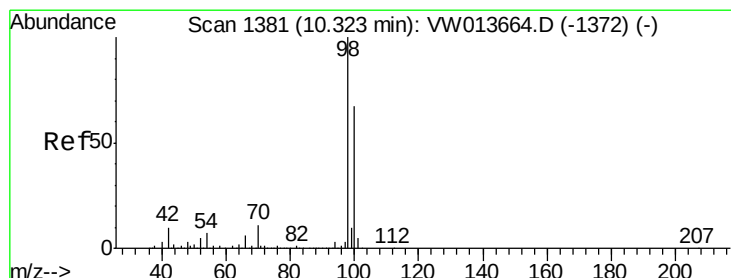
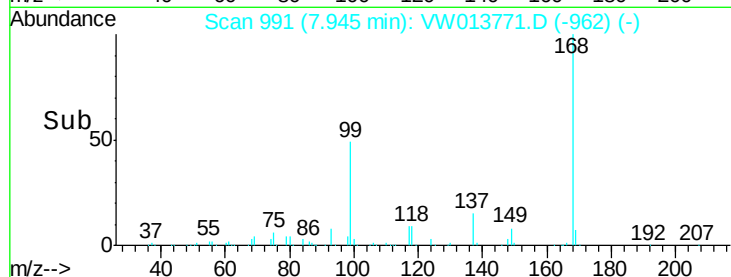
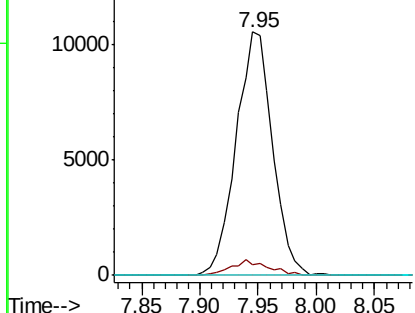
#38
Carbon Tetrachloride
Concen: 6.820 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013771.D
Acq: 28 Oct 2019 17:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 23017
Ion Ratio Lower Upper
117 100
119 4.5 79.0 118.4#
121 0.0 24.5 36.7#

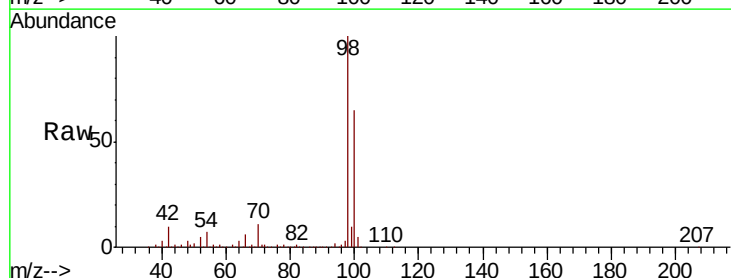


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

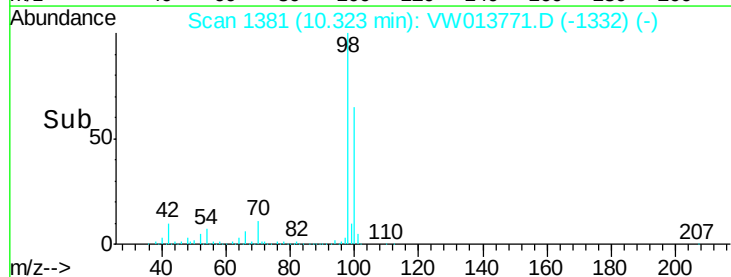
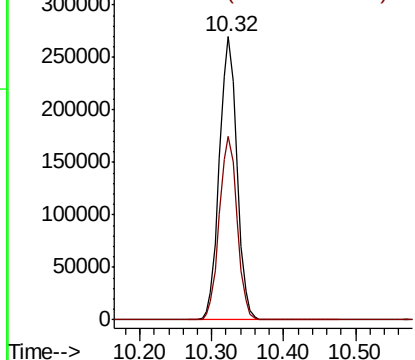


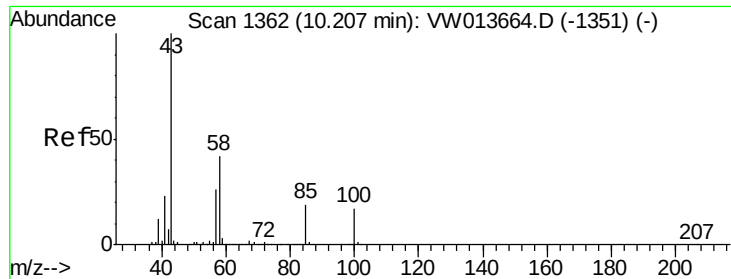
#50
Toluene-d8
Concen: 50.199 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013771.D
Acq: 28 Oct 2019 17:16

Tgt Ion: 98 Resp: 457378
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0



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





#51

4-Methyl-2-Pentanone

Concen: 1.353 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

Instrument :

MSVOA_W

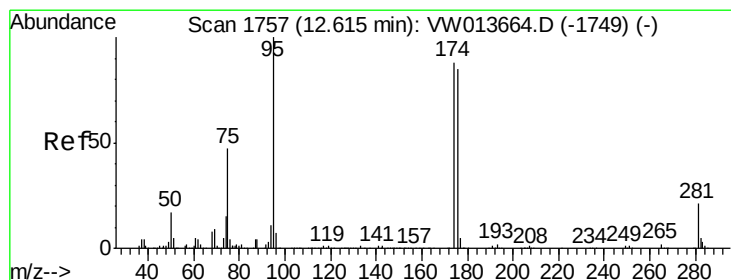
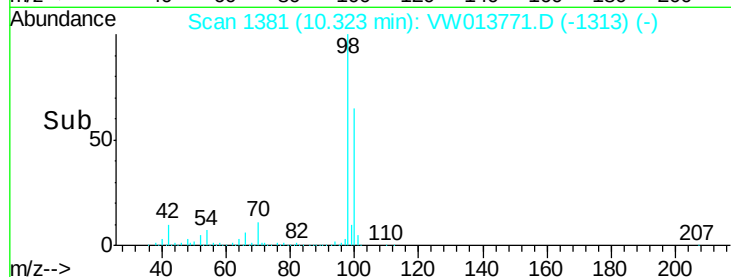
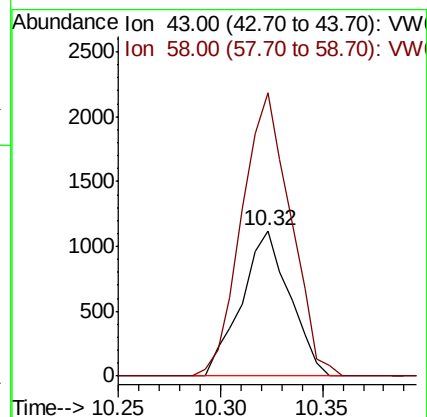
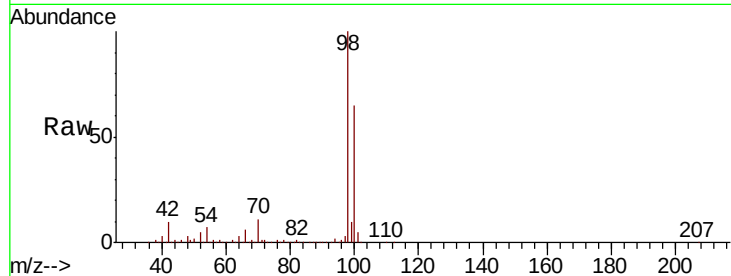
ClientSampleId :

Tot Ion: 43 Resp: 1846

Ion Ratio Lower Upper

43 100

58 197.1 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 42.723 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

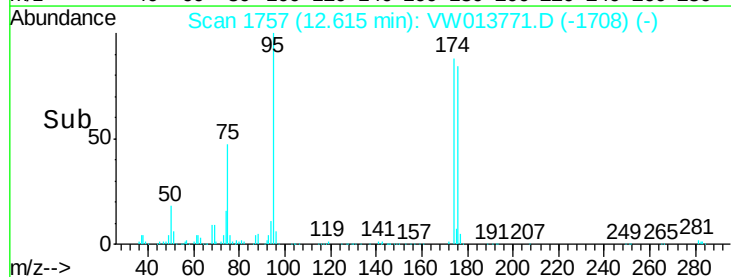
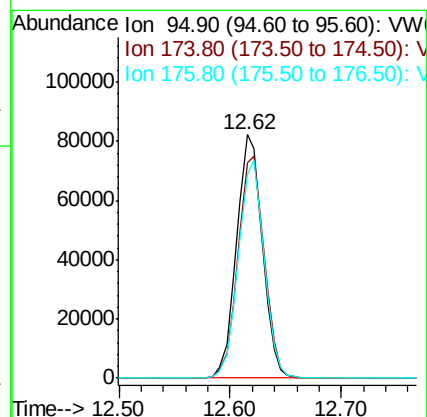
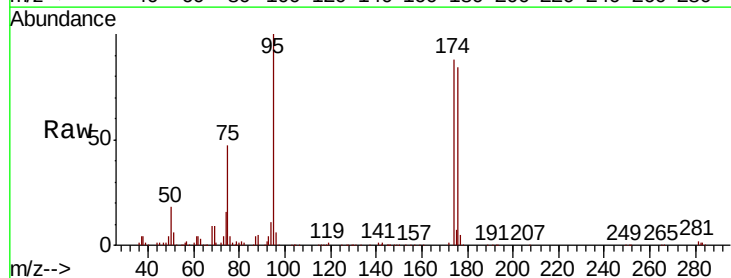
Tgt Ion: 95 Resp: 131806

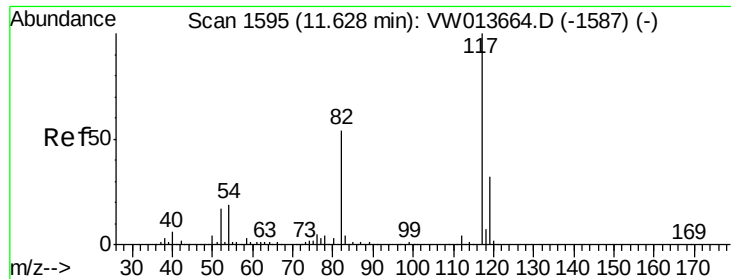
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.6

176 89.3 0.0 178.0

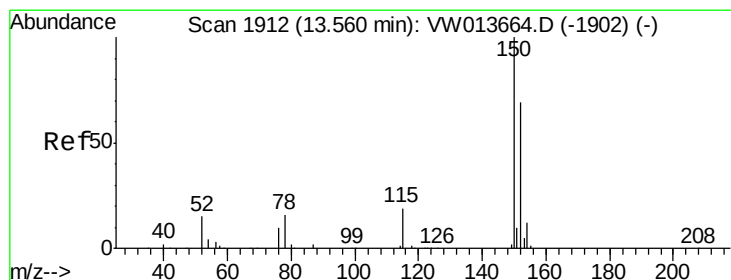
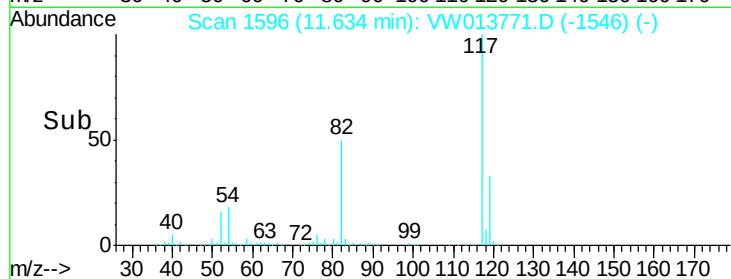
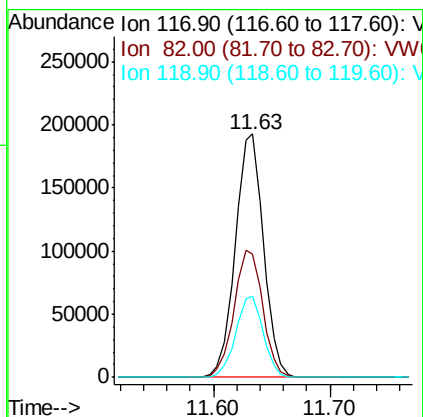
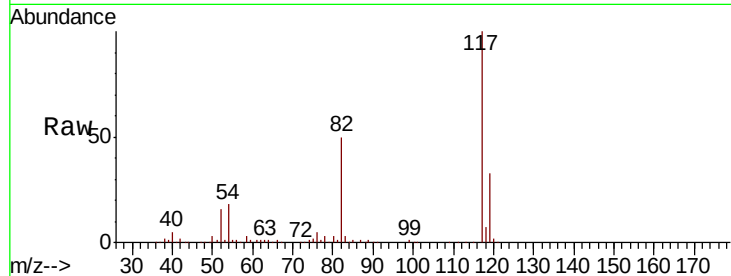




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013771.D
Acq: 28 Oct 2019 17:16

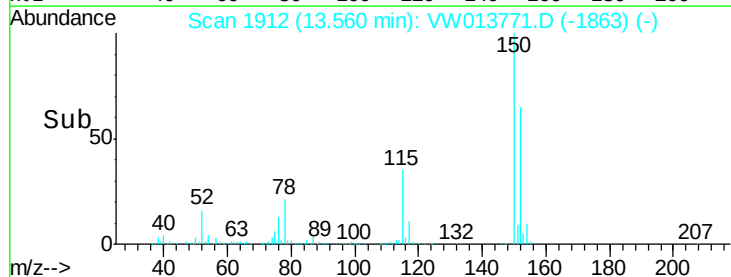
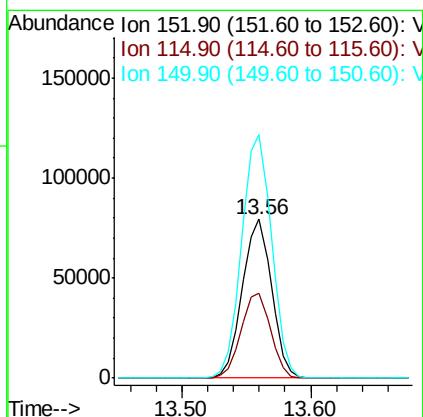
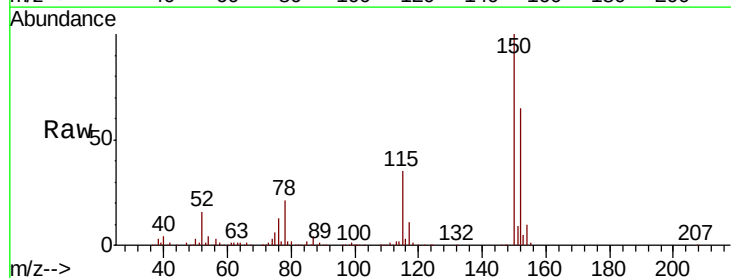
Instrument :
MSVOA_W
ClientSampleId :

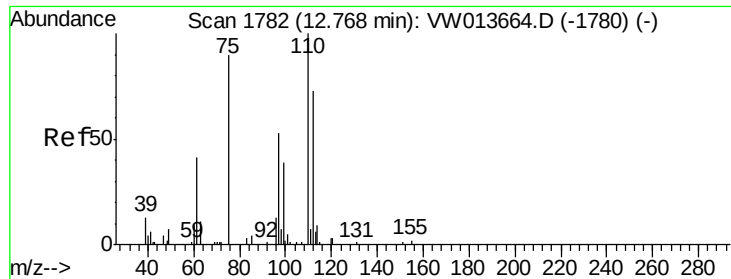
Tot Ion:117 Resp: 325831
Ion Ratio Lower Upper
117 100
82 50.5 43.6 65.4
119 33.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013771.D
Acq: 28 Oct 2019 17:16

Tgt Ion:152 Resp: 125081
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 156.2 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 68.525 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

Instrument :

MSVOA_W

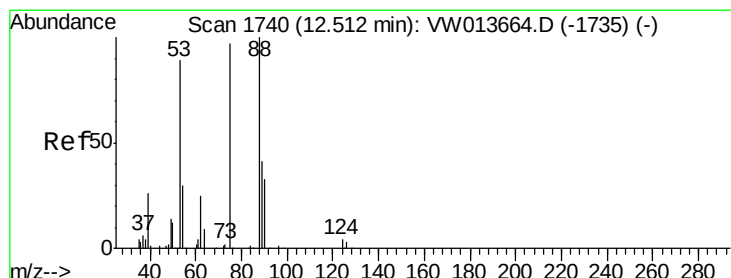
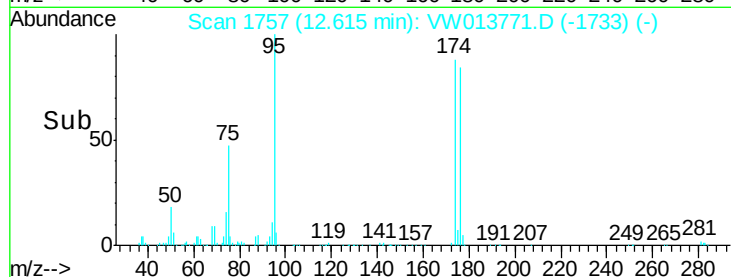
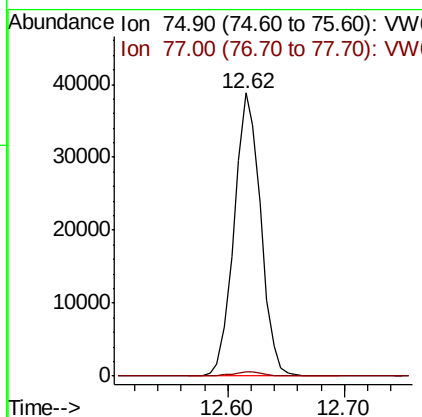
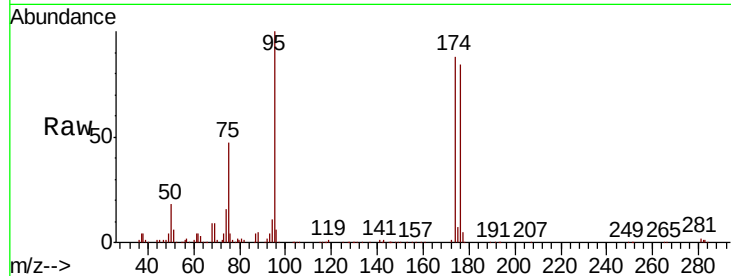
ClientSampleId :

Tot Ion: 75 Resp: 61553

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.503 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

Tgt Ion: 75 Resp: 61553

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

