

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013683.D
 Acq On : 23 Oct 2019 22:17
 Operator : SY/VA
 Sample : K5502-04
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:28:43 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

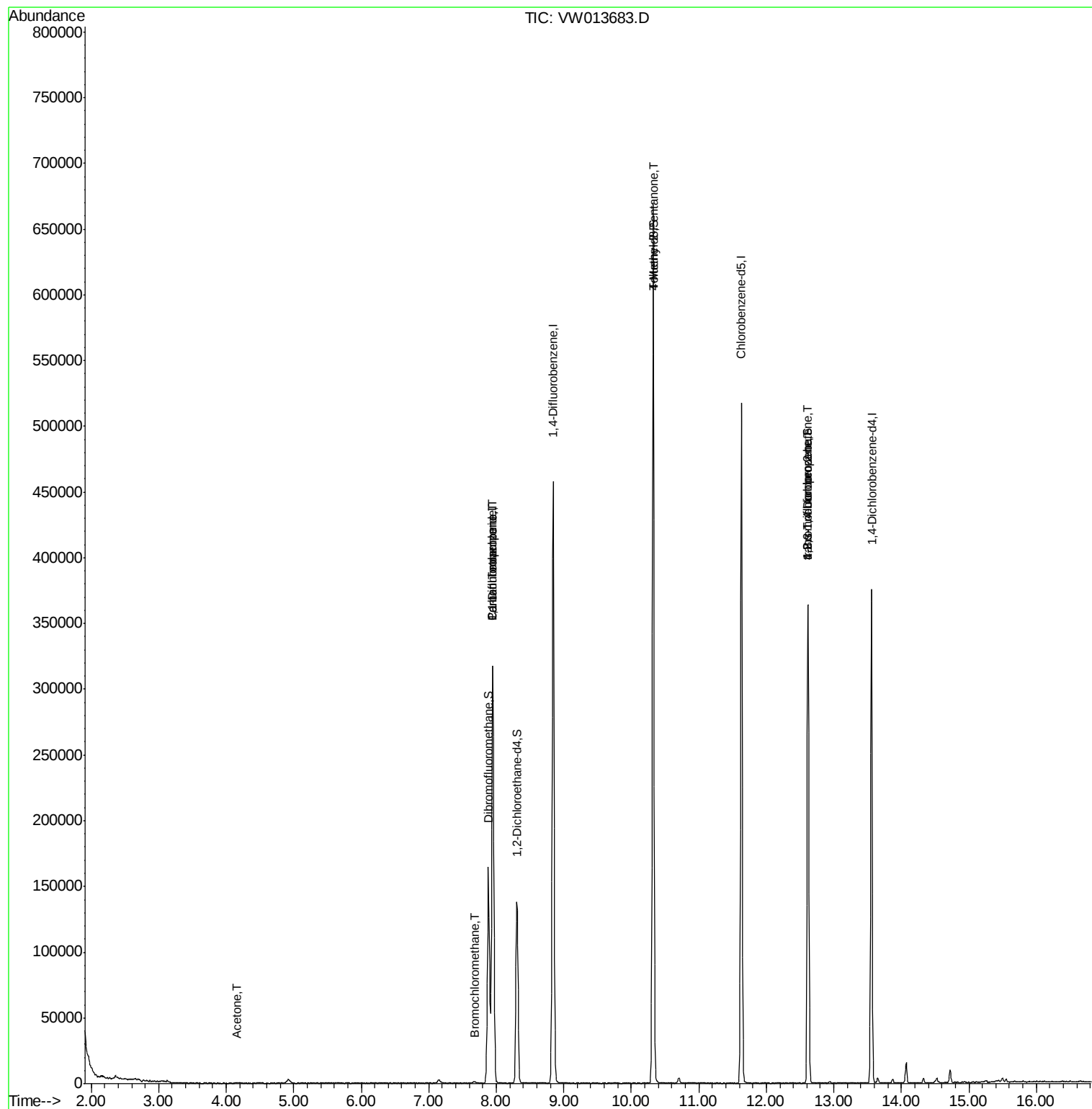
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	108010	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.89	113	119465	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
50) Toluene-d8	10.32	98	460486	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.62	95	122674	39.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.36%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	940	2.201	ug/l	89
20) Methylene Chloride	4.92	84	2321	Below Cal	#	93
28) Bromochloromethane	7.68	49	19	1.352	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17058	4.485	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22976	6.709	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1762	1.272	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	56351	72.835	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56351	137.648	ug/l #	14

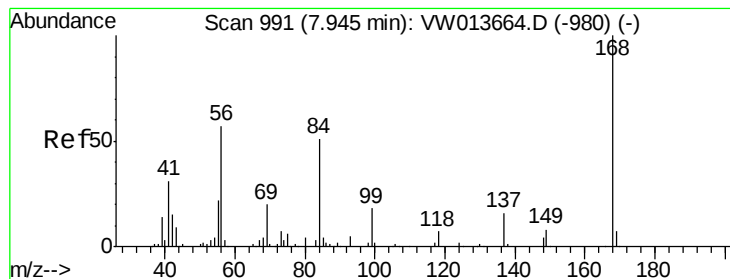
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

Instrument :

MSVOA_W

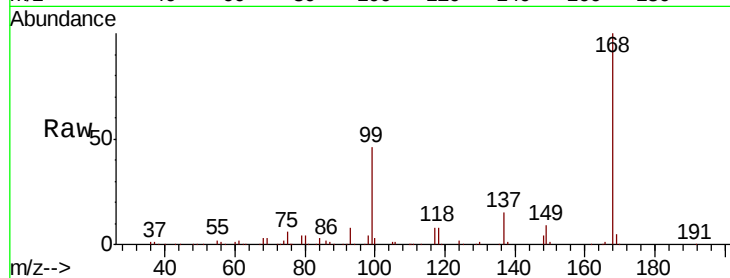
ClientSampled :

Tot Ion:168 Resp: 268519

Ion Ratio Lower Upper

168 100

99 46.5 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

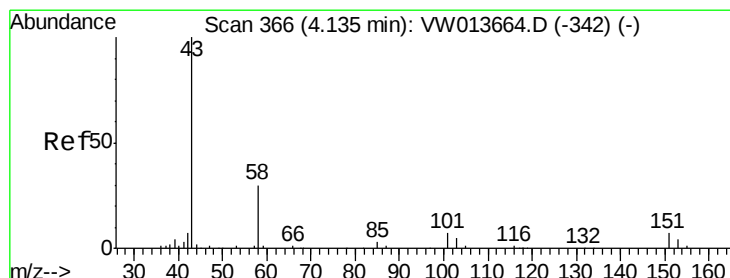
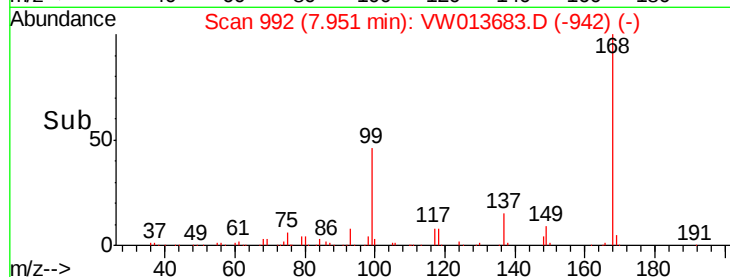
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.201 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW013683.D

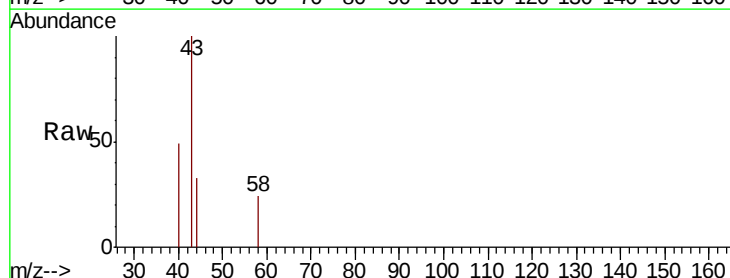
Acq: 23 Oct 2019 22:17

Tgt Ion: 43 Resp: 940

Ion Ratio Lower Upper

43 100

58 24.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

400

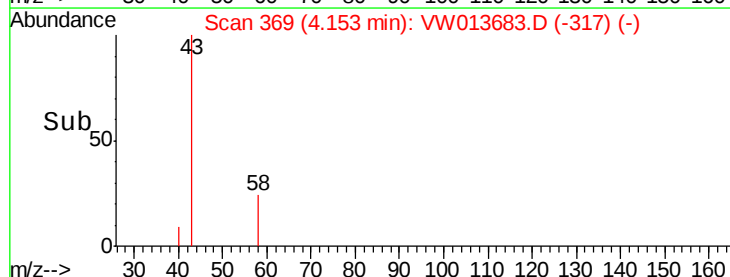
300

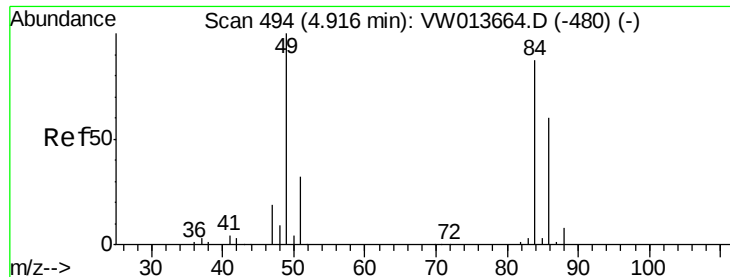
200

100

0

Time--> 4.10 4.15 4.20





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 2321

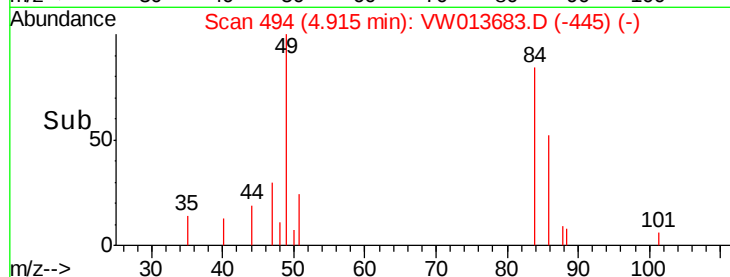
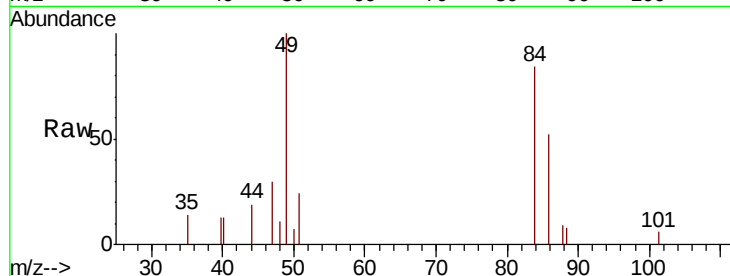
Ion Ratio Lower Upper

84 100

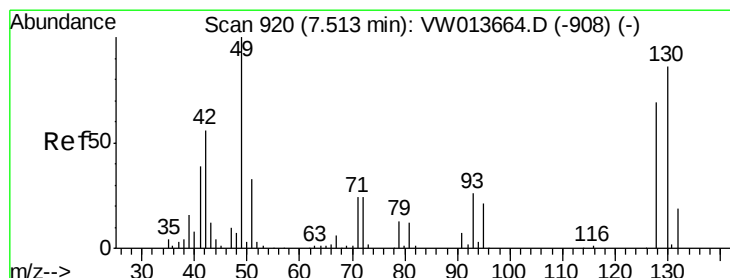
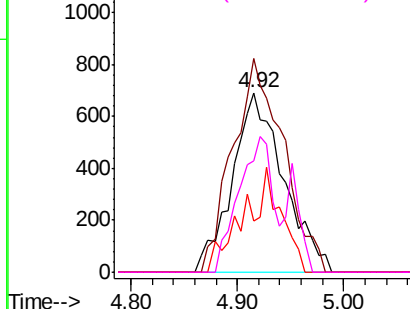
49 119.1 91.8 137.6

51 28.5 29.8 44.6#

86 62.1 55.2 82.8



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



#28

Bromochloromethane

Concen: 1.352 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.16 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

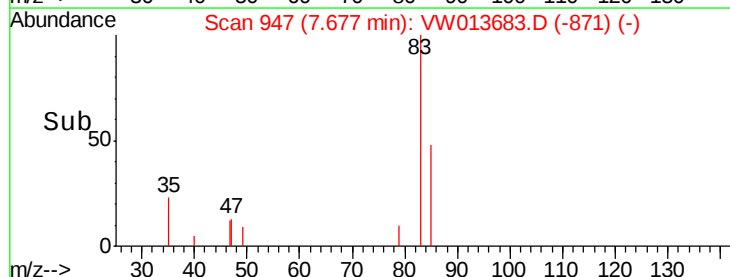
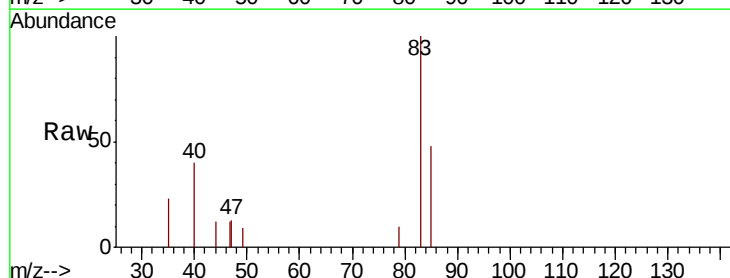
Tgt Ion: 49 Resp: 19

Ion Ratio Lower Upper

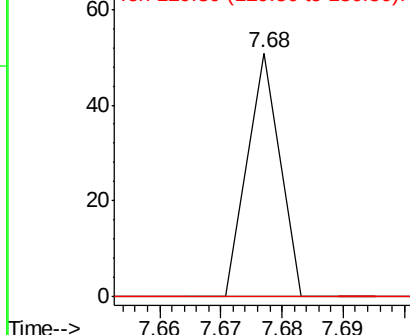
49 100

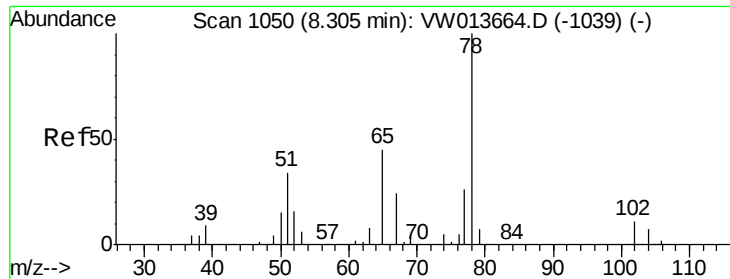
129 0.0 0.0 0.6

130 0.0 67.5 101.3#



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

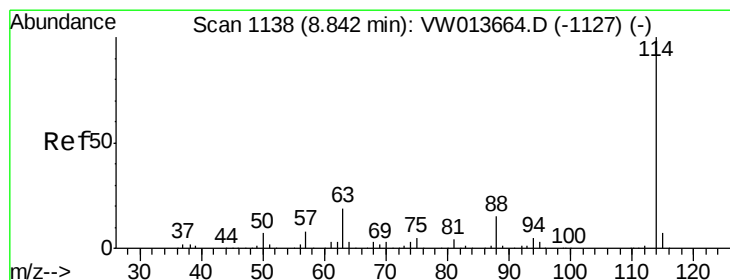
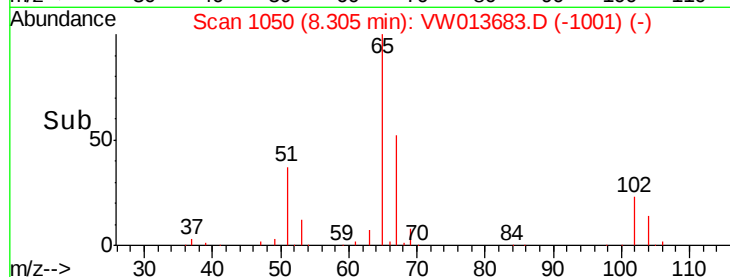
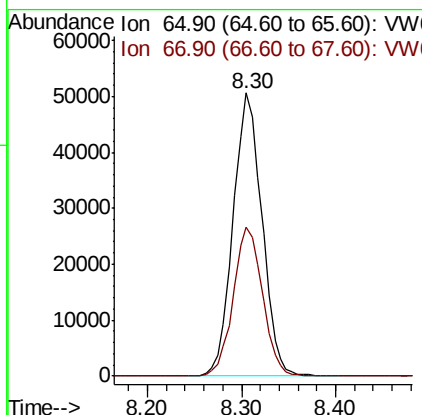
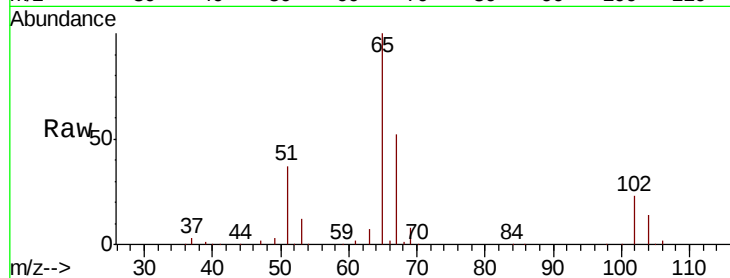




#33
 1,2-Dichloroethane-d4
 Concen: 53.621 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013683.D
 Acq: 23 Oct 2019 22:17

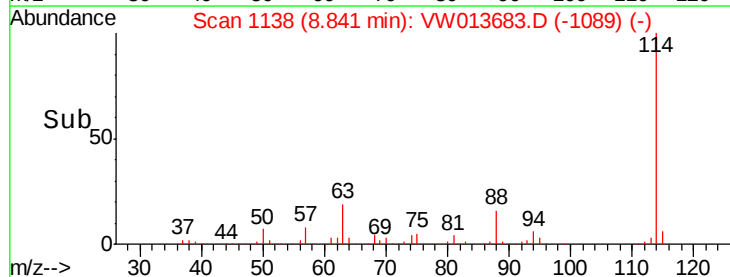
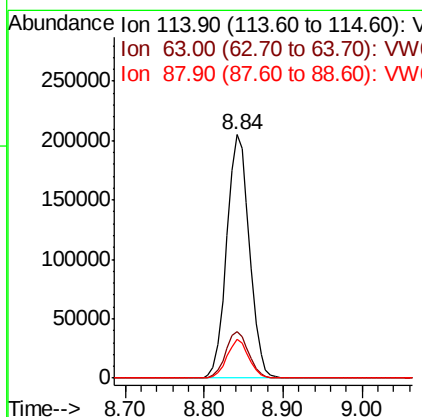
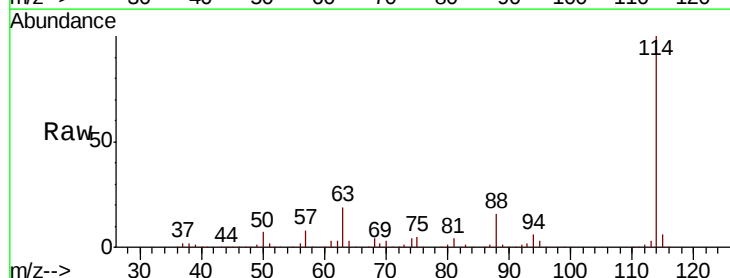
Instrument :
 MSVOA_W
 ClientSampled :

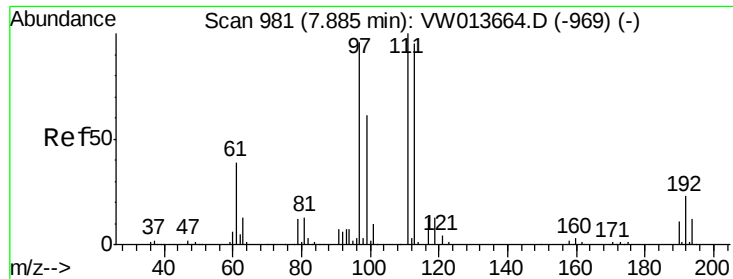
Tot Ion: 65 Resp: 108010
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013683.D
 Acq: 23 Oct 2019 22:17

Tgt Ion: 114 Resp: 408353
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.6
 88 15.9 0.0 30.2

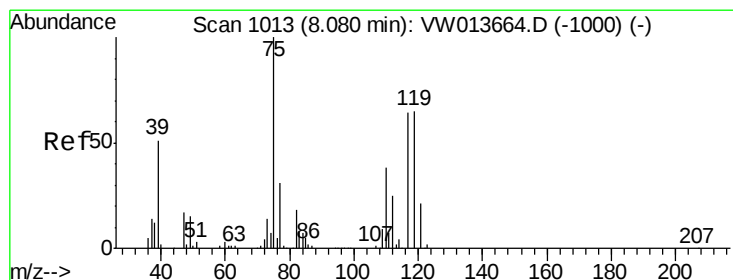
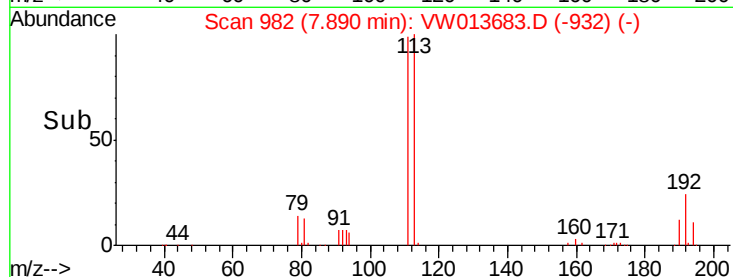
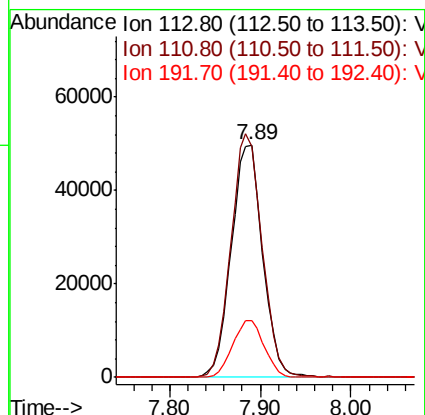
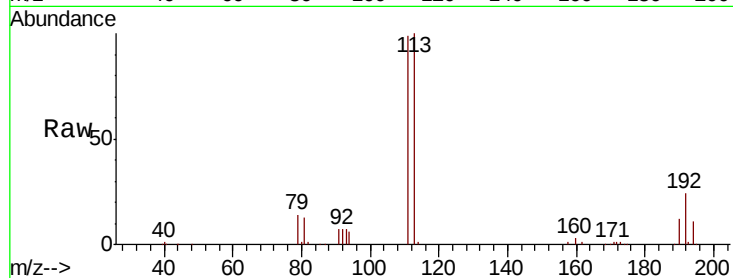




#35
 Dibromofluoromethane
 Concen: 52.650 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW013683.D
 Acq: 23 Oct 2019 22:17

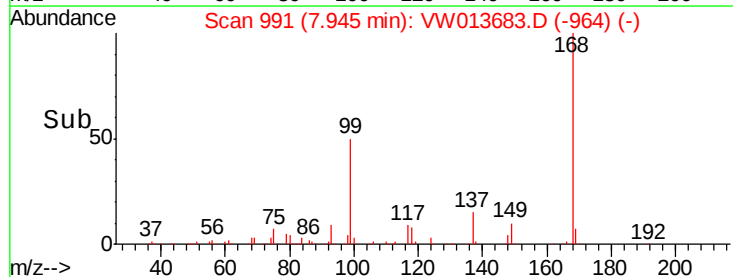
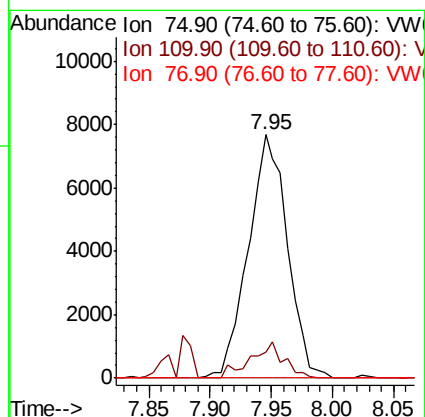
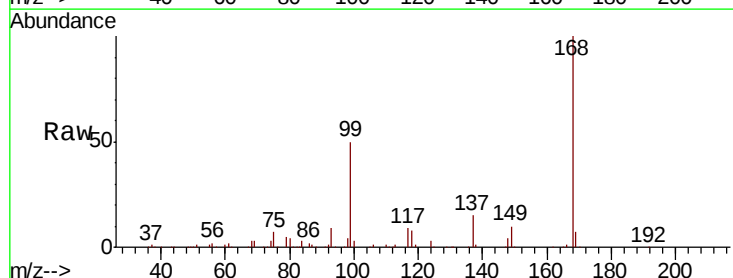
Instrument :
 MSVOA_W
 ClientSampleId :

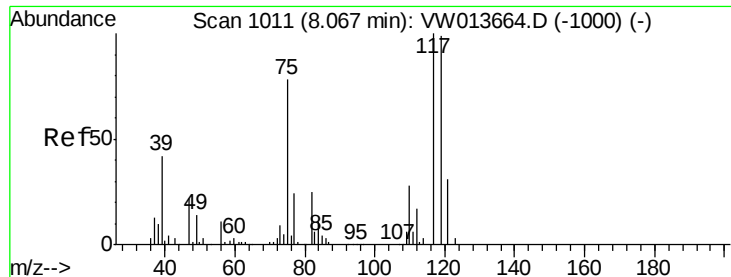
Tot Ion:113 Resp: 119465
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.0 124.6
 192 24.4 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.485 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013683.D
 Acq: 23 Oct 2019 22:17

Tgt Ion: 75 Resp: 17058
 Ion Ratio Lower Upper
 75 100
 110 12.4 18.7 56.1#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.709 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

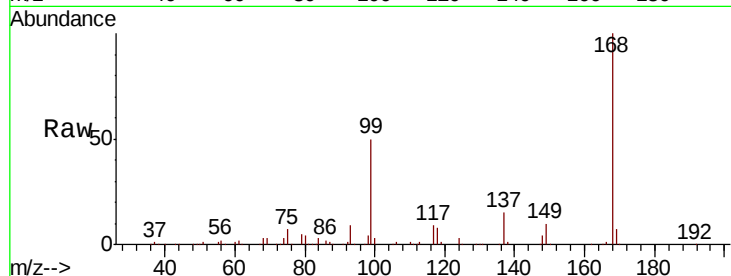
Tot Ion:117 Resp: 22976

Ion Ratio Lower Upper

117 100

119 6.5 79.0 118.4#

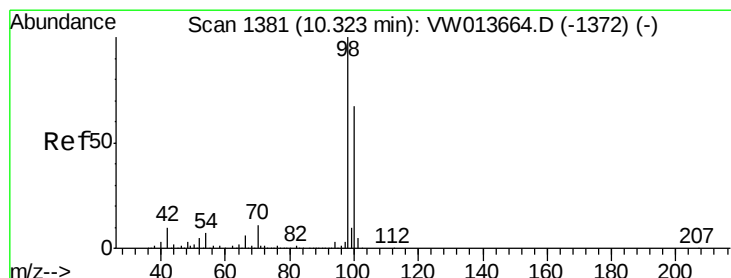
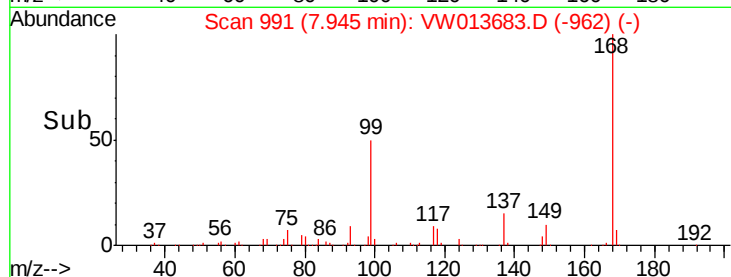
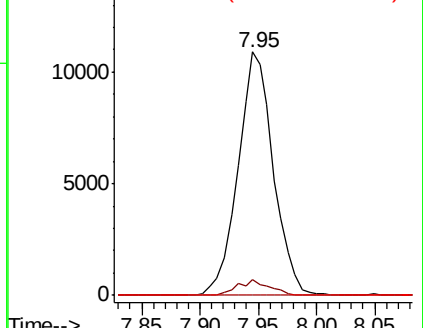
121 0.0 24.5 36.7#



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: 49.805 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013683.D

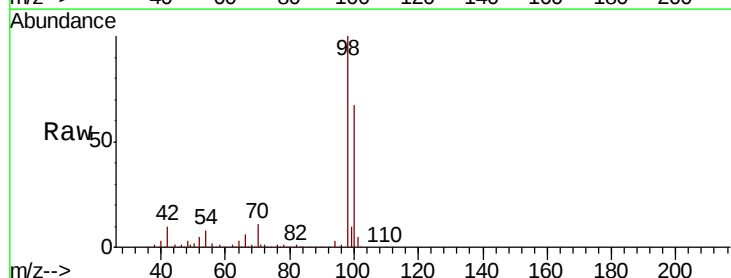
Acq: 23 Oct 2019 22:17

Tgt Ion: 98 Resp: 460486

Ion Ratio Lower Upper

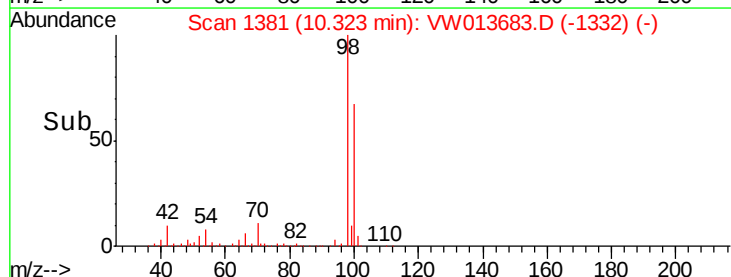
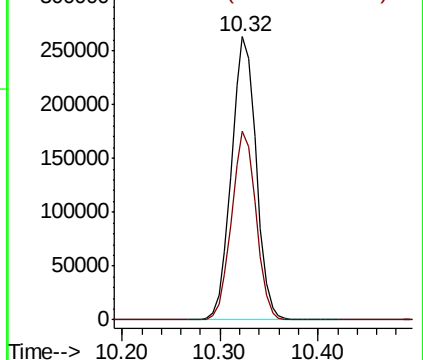
98 100

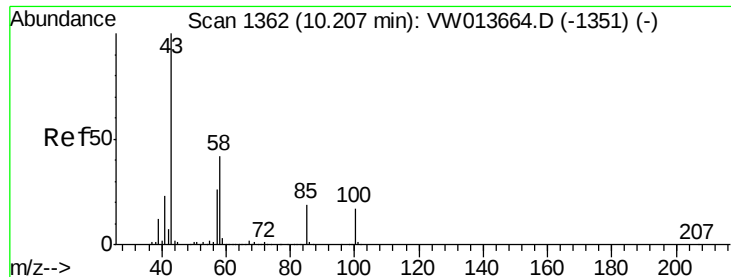
100 66.2 53.4 80.0



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: 1.272 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

Instrument :

MSVOA_W

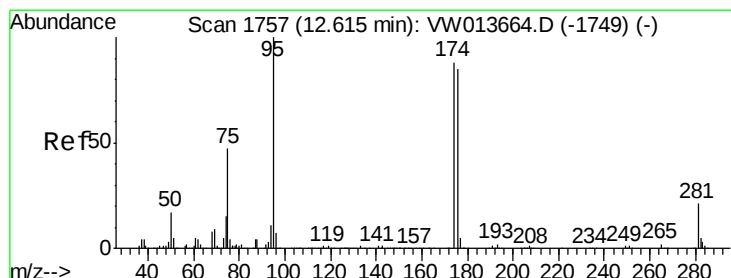
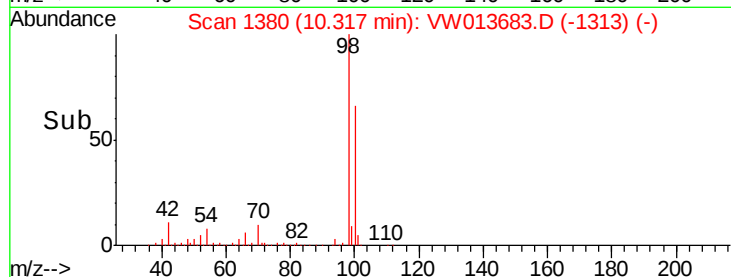
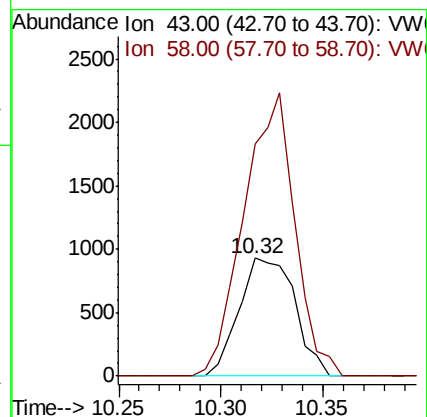
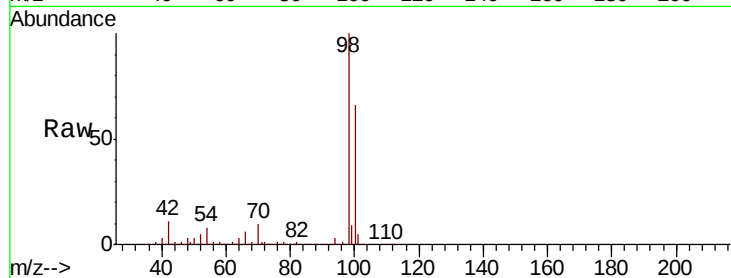
ClientSampled :

Tot Ion: 43 Resp: 1762

Ion Ratio Lower Upper

43 100

58 219.6 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 39.185 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

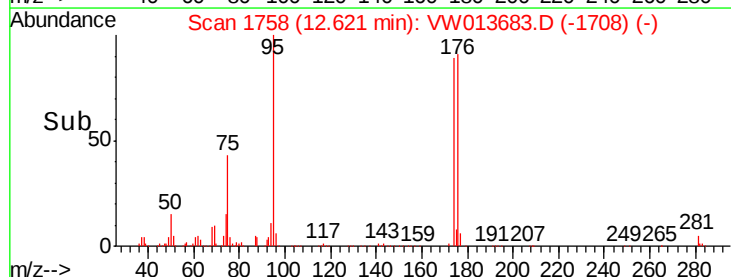
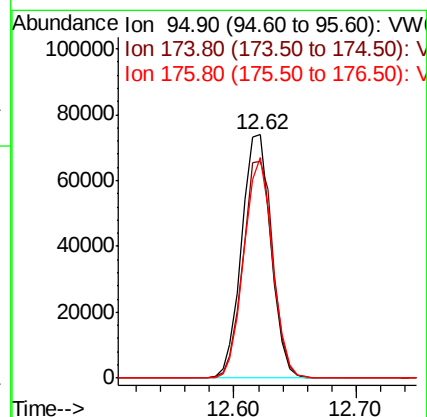
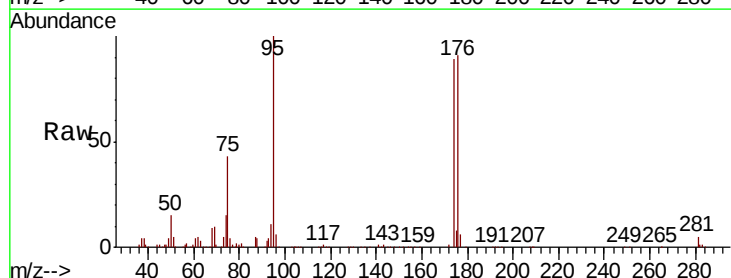
Tgt Ion: 95 Resp: 122674

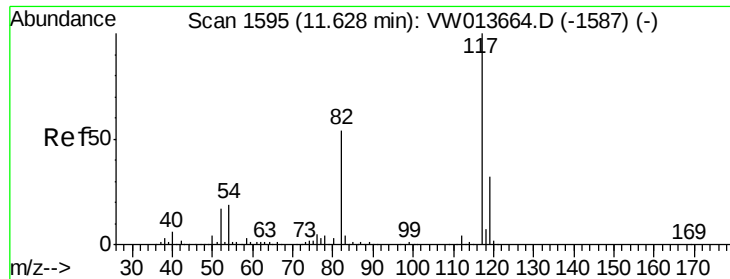
Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.6

176 88.3 0.0 178.0

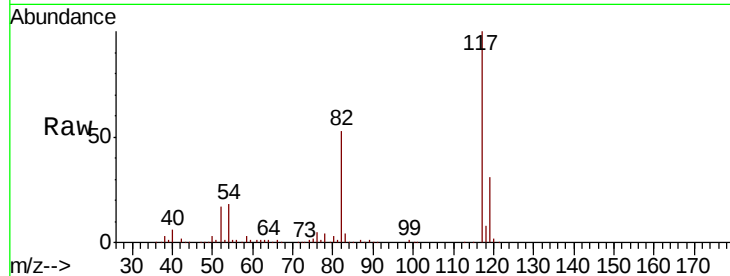




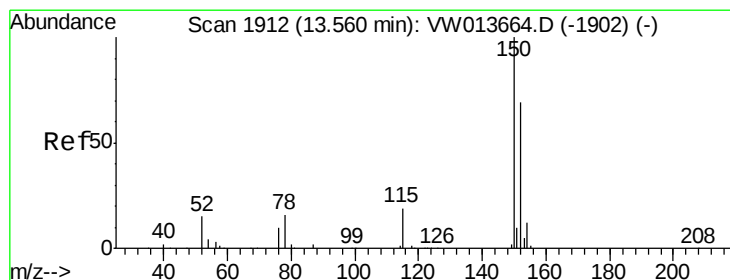
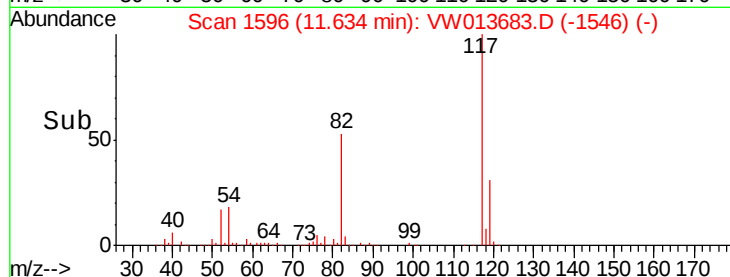
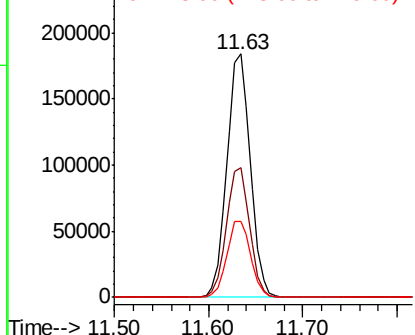
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013683.D
Acq: 23 Oct 2019 22:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 316591
Ion Ratio Lower Upper
117 100
82 53.3 43.6 65.4
119 31.3 25.4 38.2

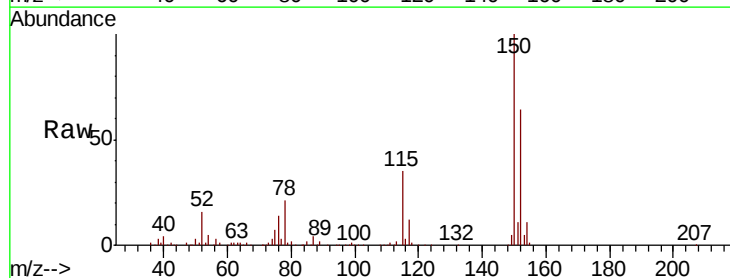


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

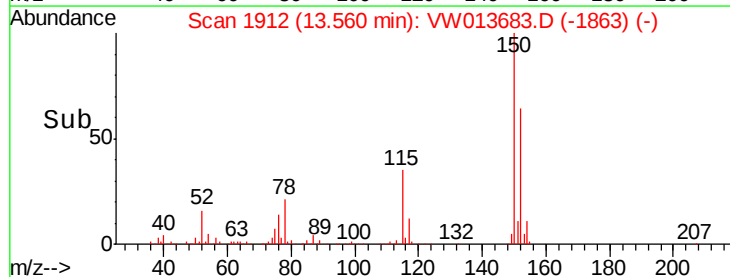
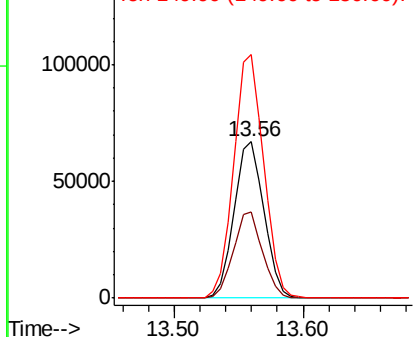


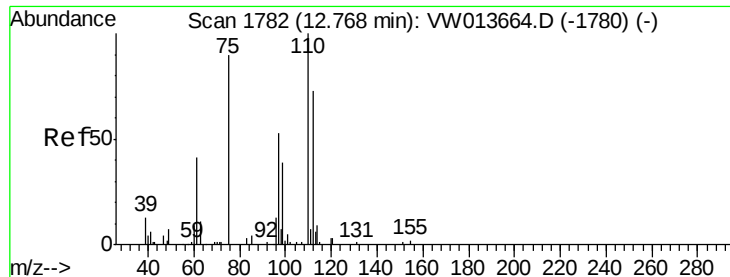
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013683.D
Acq: 23 Oct 2019 22:17

Tgt Ion:152 Resp: 107734
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 157.0 0.0 345.4



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



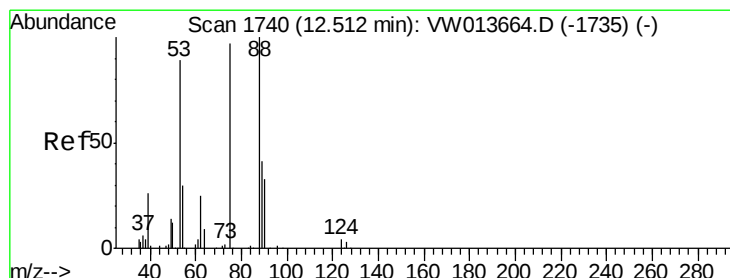
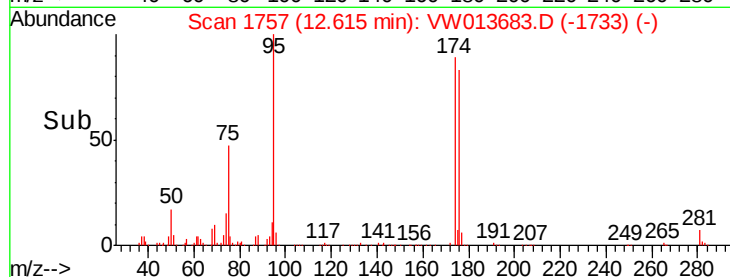
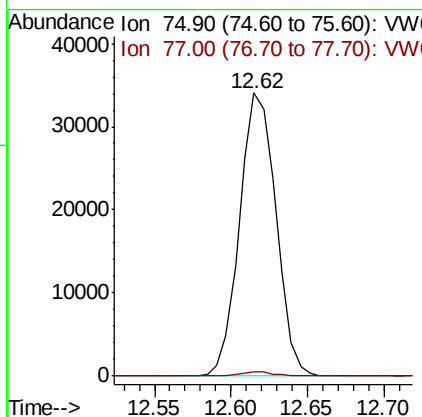
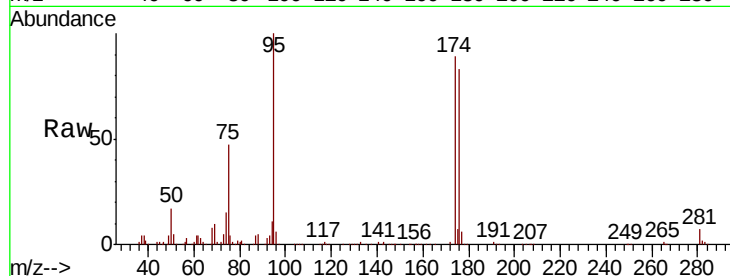


#76

1,2,3-Trichloropropane
Concen: 72.835 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013683.D
Acq: 23 Oct 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 56351
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 137.648 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW013683.D
Acq: 23 Oct 2019 22:17

Tgt Ion: 75 Resp: 56351
Ion Ratio Lower Upper
75 100
53 0.0 71.7 107.5#
89 0.0 35.8 53.8#

