

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013676.D
 Acq On : 23 Oct 2019 19:16
 Operator : SY/VA
 Sample : K5501-18
 Misc : 7.22G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:27:29 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

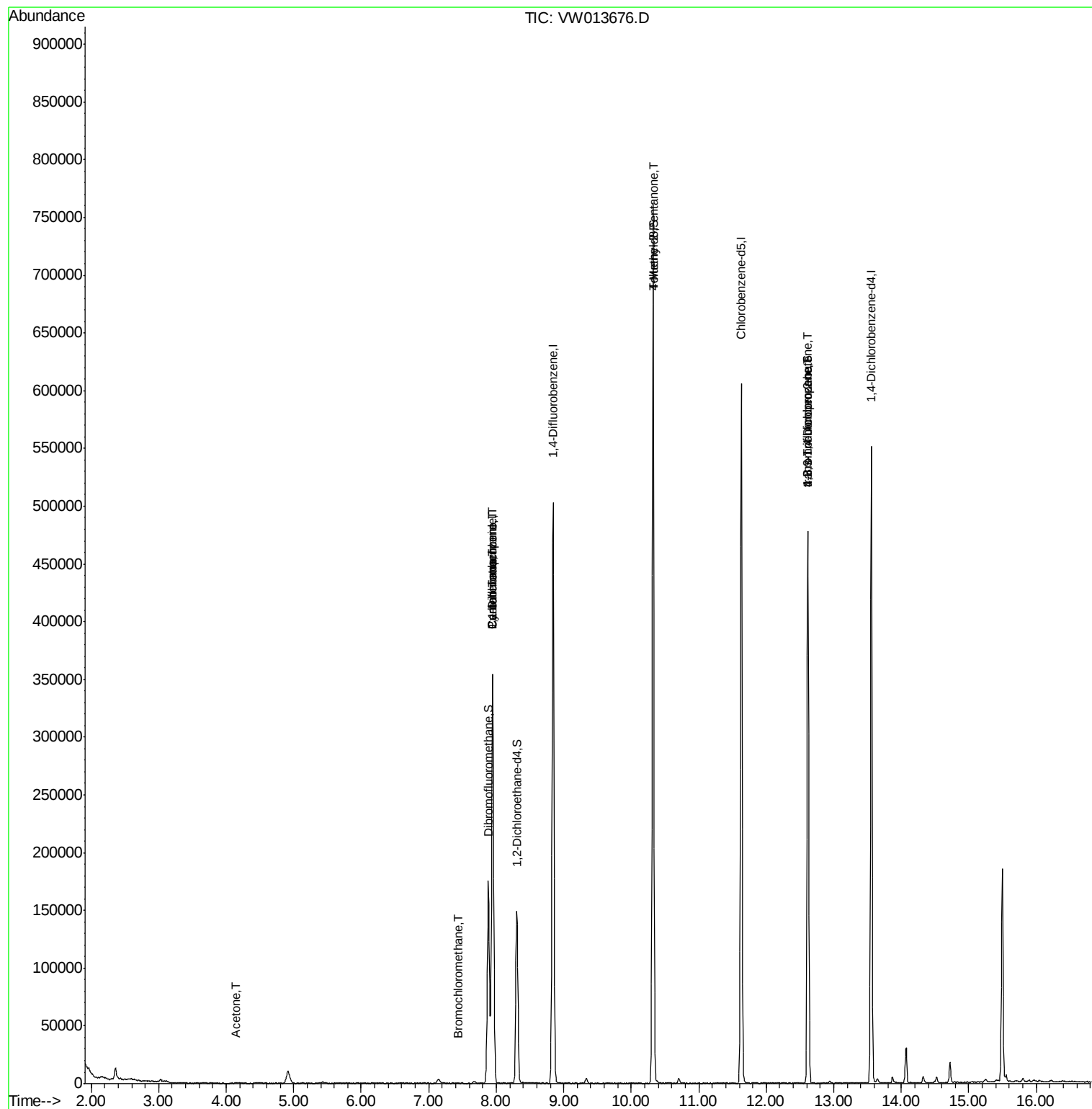
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	156573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116459	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
35) Dibromofluoromethane	7.88	113	125987	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.32	98	507086	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.62	95	154002	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	1551	3.276	ug/l	93
20) Methylene Chloride	4.92	84	9412	Below Cal	#	86
28) Bromochloromethane	7.43	49	21	1.352	ug/l #	7
31) Cyclohexane	7.94	56	5259	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18690	4.468	ug/l #	50
38) Carbon Tetrachloride	7.95	117	25232	6.698	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	2156	1.415	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	72085	64.109	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72085	121.157	ug/l #	14

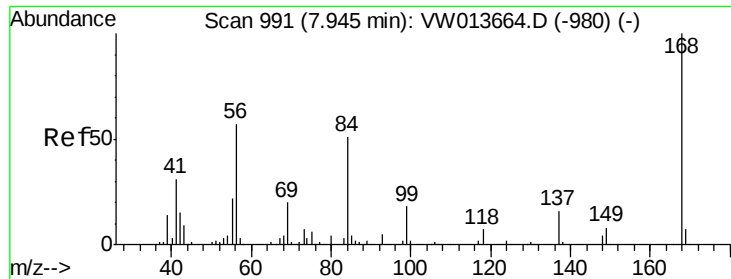
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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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# 991

Delta R.T. 0.00 min

Lab File: VW013676.D

Acq: 23 Oct 2019 19:16

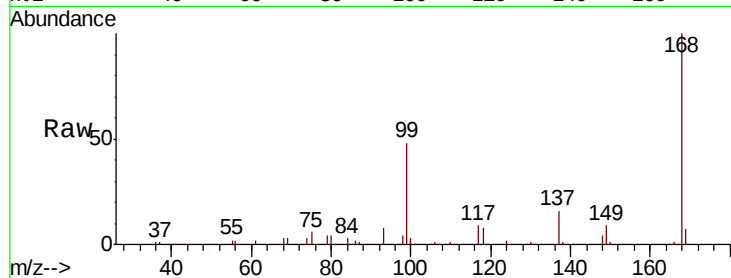
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 297669

Ion Ratio Lower Upper

168 100

99 48.3 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

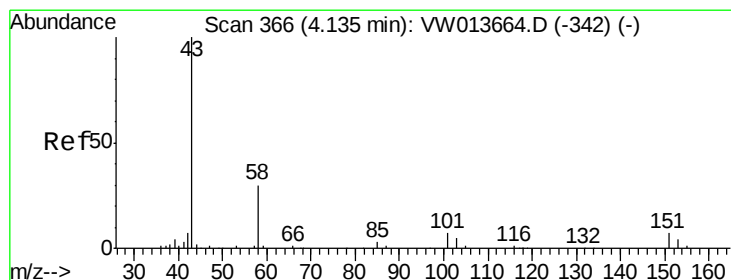
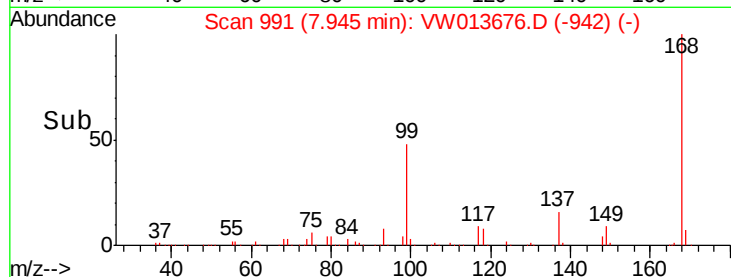
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.276 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW013676.D

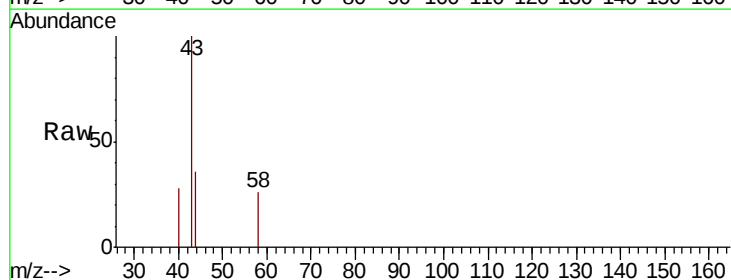
Acq: 23 Oct 2019 19:16

Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

43 100

58 26.4 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

600

500

400

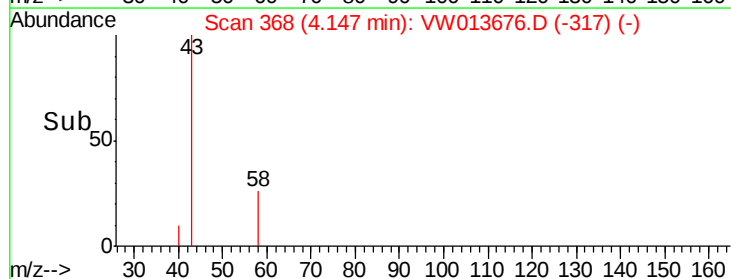
300

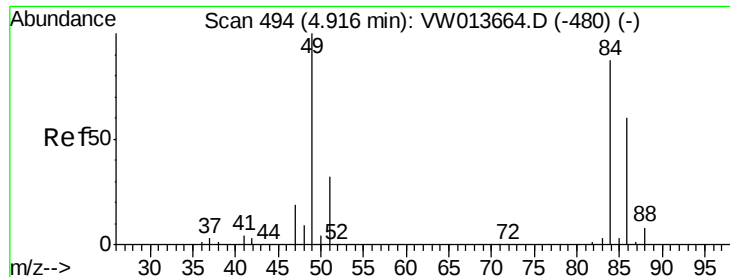
200

100

0

Time-->

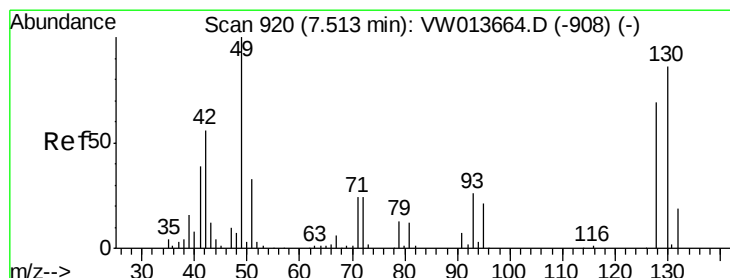
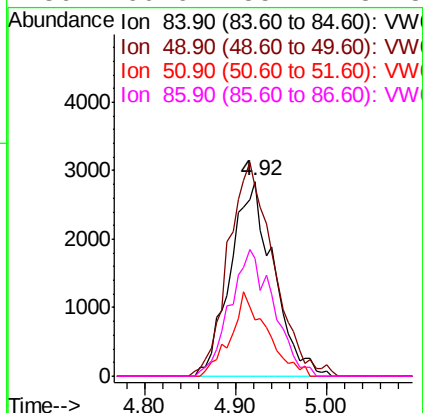
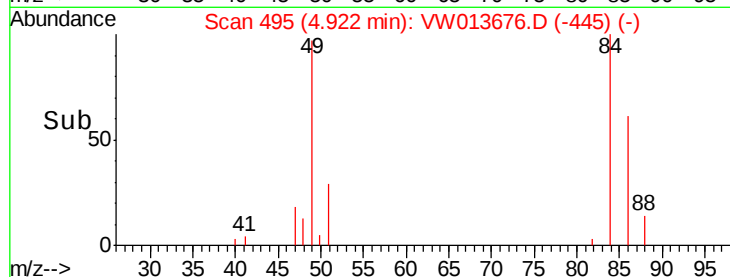
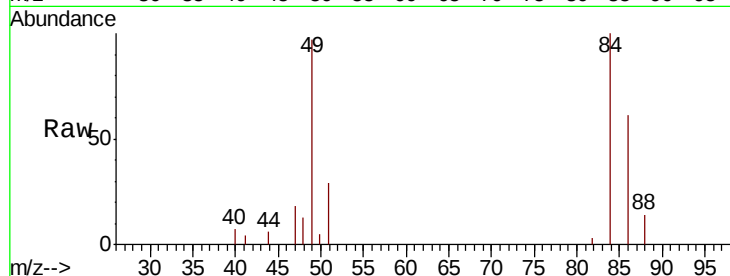




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013676.D
Acq: 23 Oct 2019 19:16

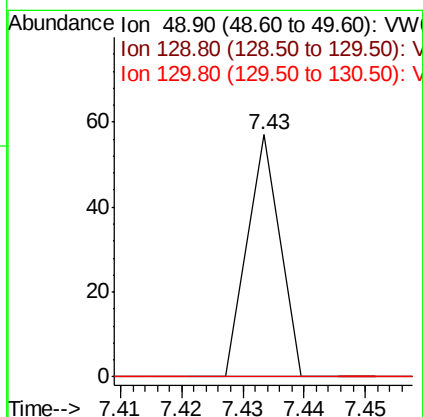
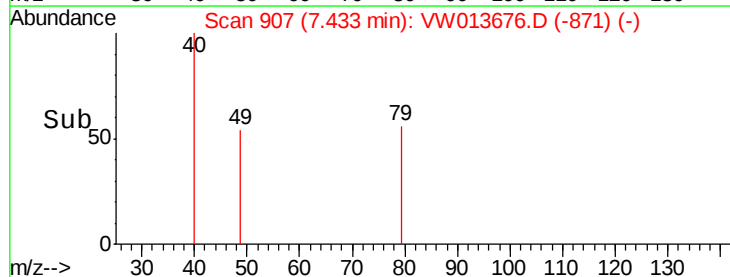
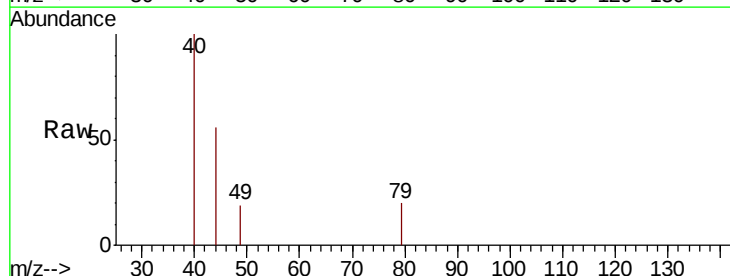
Instrument :
MSVOA_W
ClientSampleId :

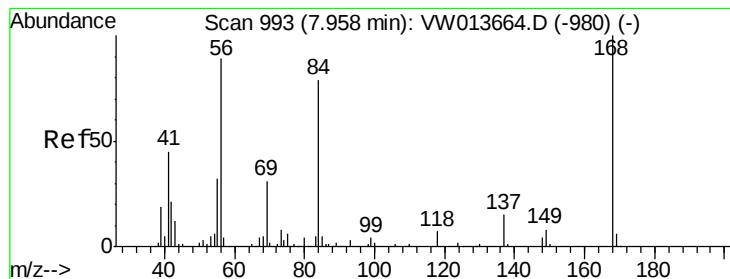
Tot Ion:	84	Resp:	9412
Ion	Ratio	Lower	Upper
84	100		
49	97.4	91.8	137.6
51	28.6	29.8	44.6#
86	60.6	55.2	82.8



#28
Bromochloromethane
Concen: 1.352 ug/l
RT: 7.43 min Scan# 907
Delta R.T. -0.08 min
Lab File: VW013676.D
Acq: 23 Oct 2019 19:16

Tgt Ion:	49	Resp:	21
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.6
130	0.0	67.5	101.3#





#31

Cyclohexane

Concen: 1.060 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW013676.D

Acq: 23 Oct 2019 19:16

Instrument :

MSVOA_W

ClientSampled :

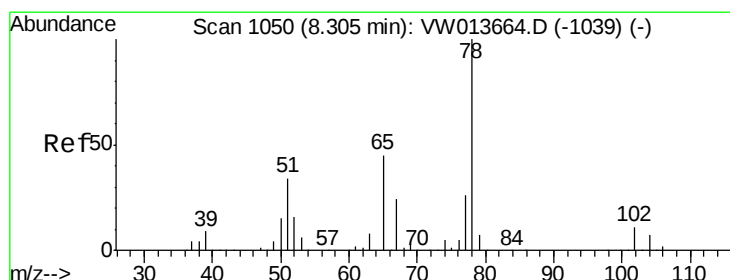
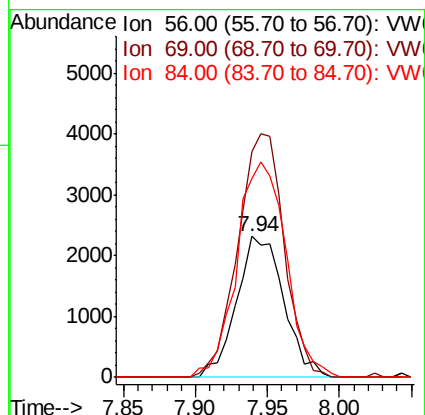
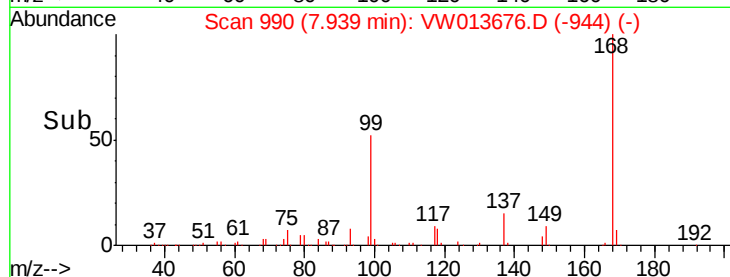
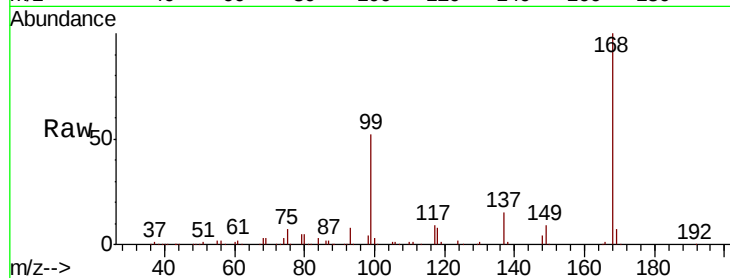
Tot Ion: 56 Resp: 5259

Ion Ratio Lower Upper

56 100

69 159.9 27.5 41.3#

84 140.8 70.8 106.2#



#33

1,2-Dichloroethane-d4

Concen: 52.154 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013676.D

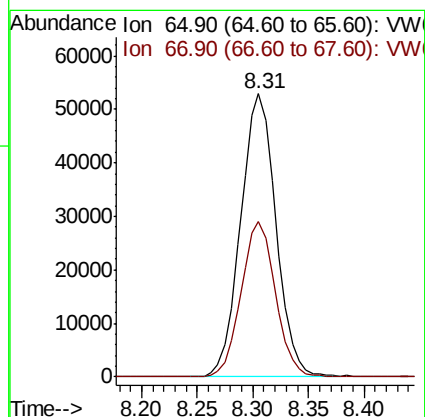
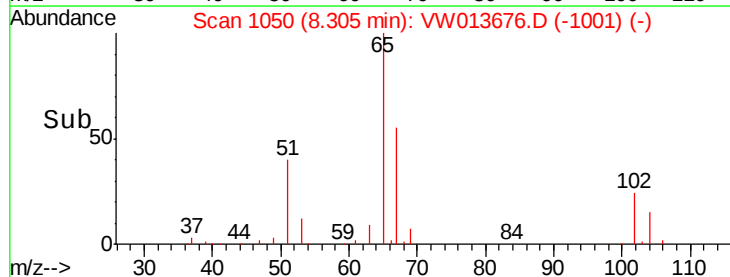
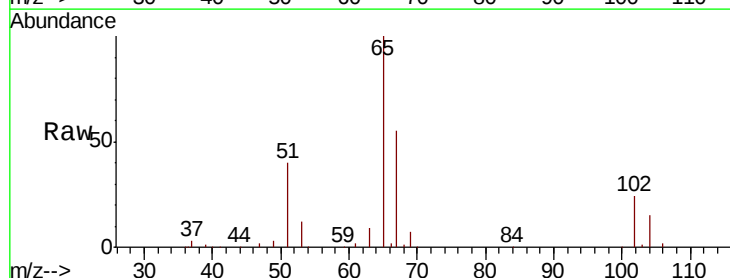
Acq: 23 Oct 2019 19:16

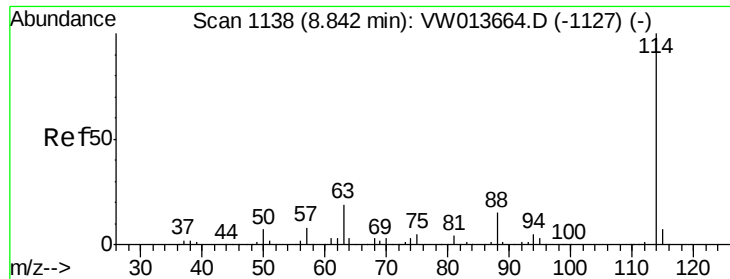
Tgt Ion: 65 Resp: 116459

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.4

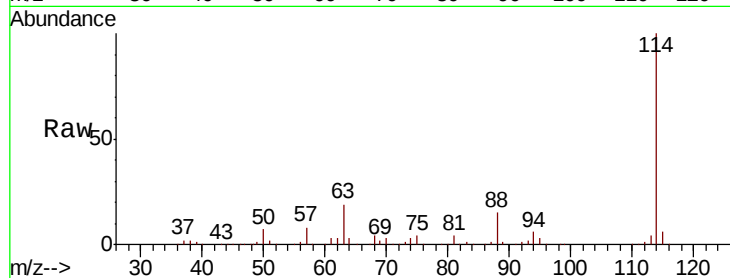




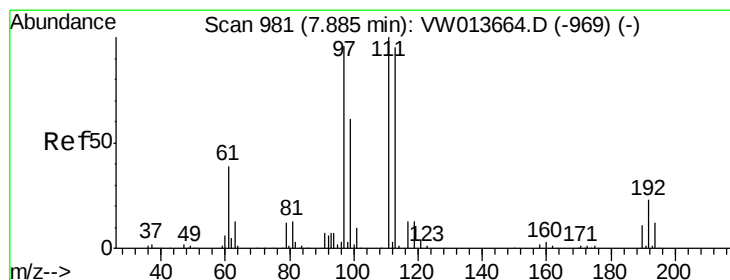
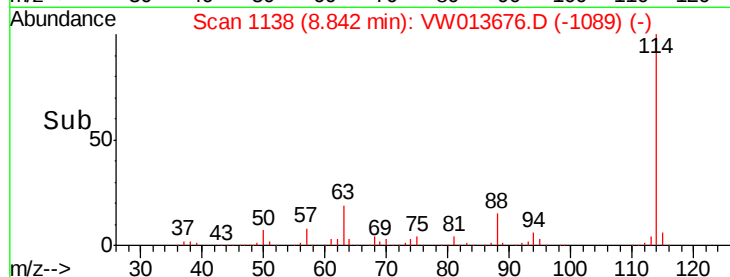
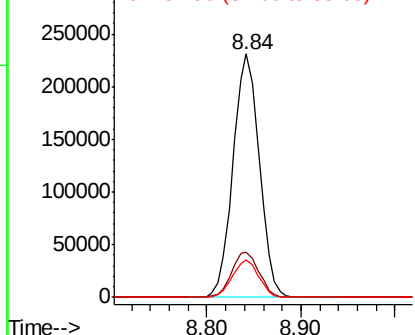
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW013676.D
Acq: 23 Oct 2019 19:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 449197
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 15.4 0.0 30.2

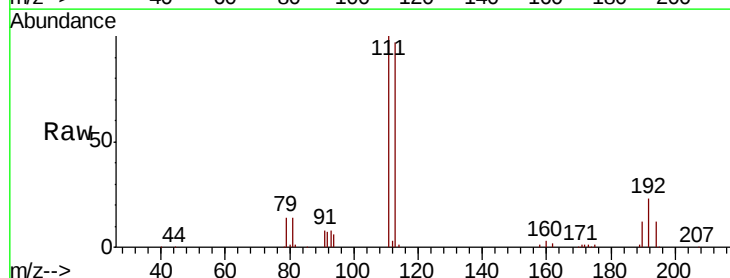


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

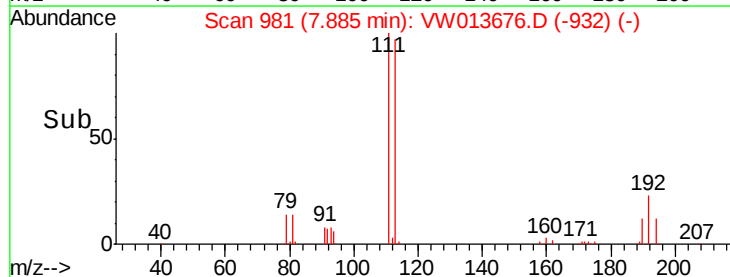
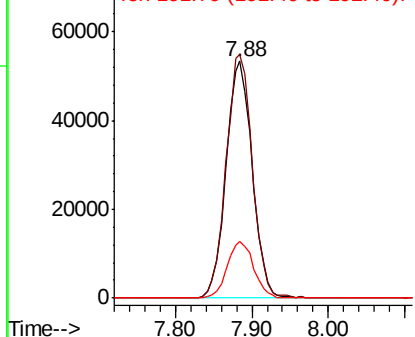


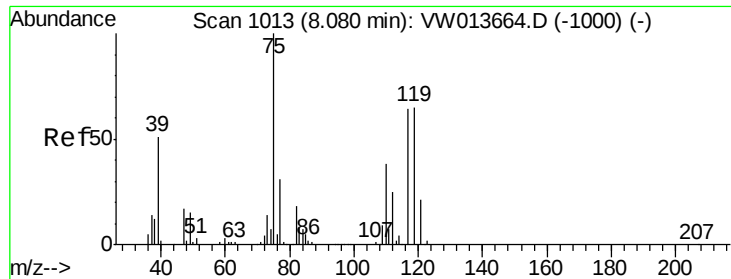
#35
Dibromofluoromethane
Concen: 50.476 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW013676.D
Acq: 23 Oct 2019 19:16

Tgt Ion:113 Resp: 125987
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.6
192 24.1 19.4 29.2



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

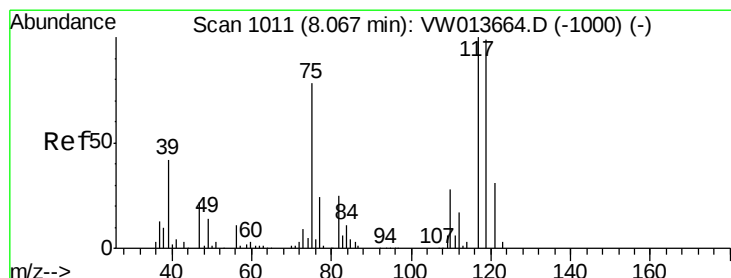
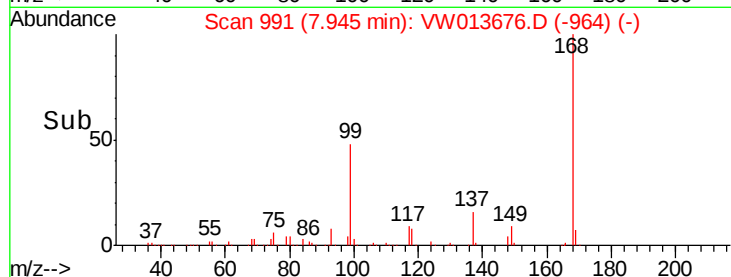
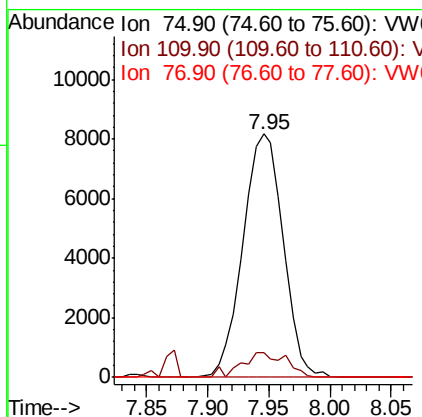
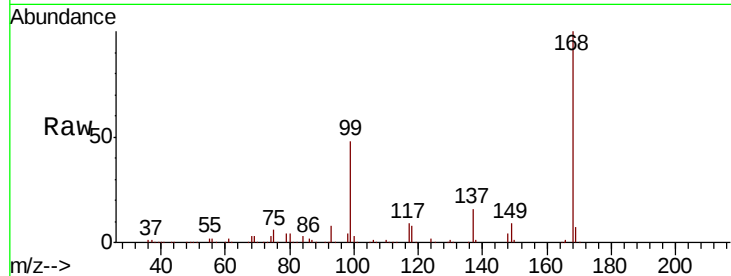




#36
 1,1-Dichloropropene
 Concen: 4.468 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013676.D
 Acq: 23 Oct 2019 19:16

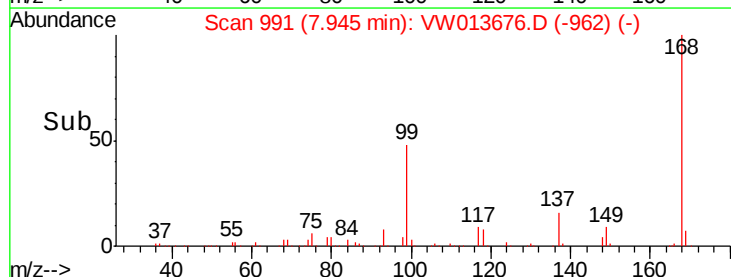
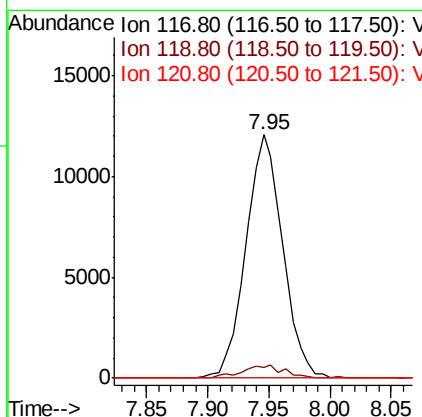
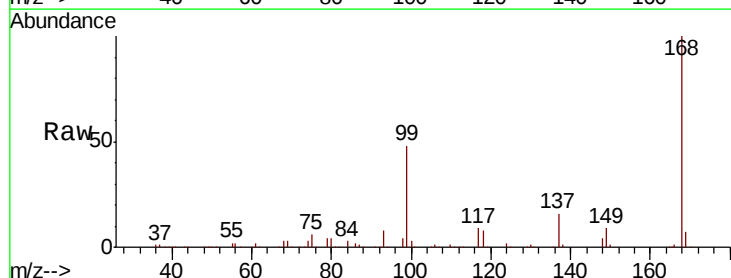
Instrument :
 MSVOA_W
 ClientSampled :

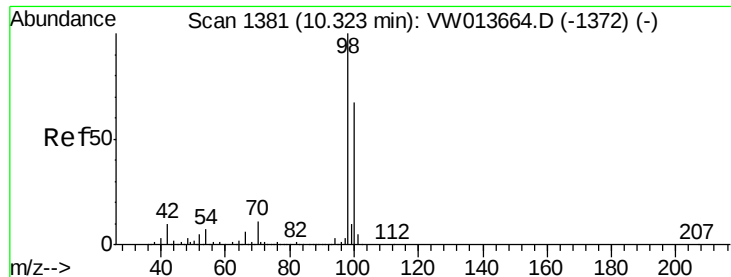
Tot Ion: 75 Resp: 18690
 Ion Ratio Lower Upper
 75 100
 110 11.3 18.7 56.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.698 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013676.D
 Acq: 23 Oct 2019 19:16

Tgt Ion: 117 Resp: 25232
 Ion Ratio Lower Upper
 117 100
 119 4.5 79.0 118.4#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.858 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013676.D

Acq: 23 Oct 2019 19:16

Instrument :

MSVOA_W

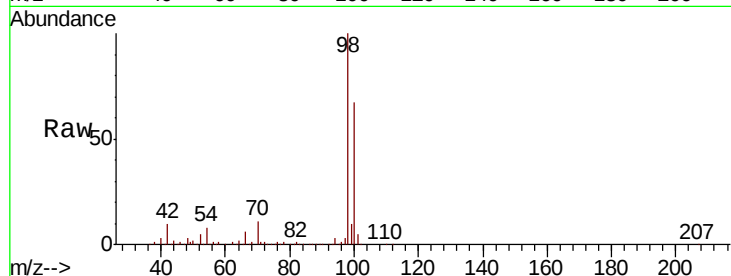
ClientSampleId :

Tot Ion: 98 Resp: 507086

Ion Ratio Lower Upper

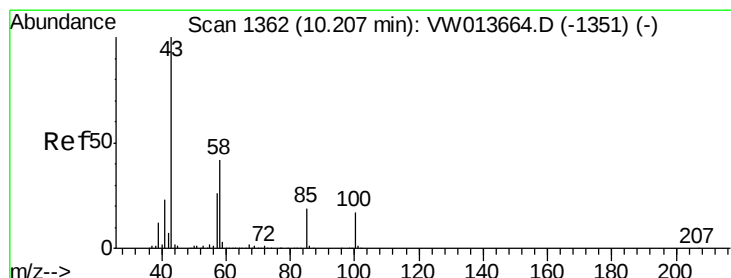
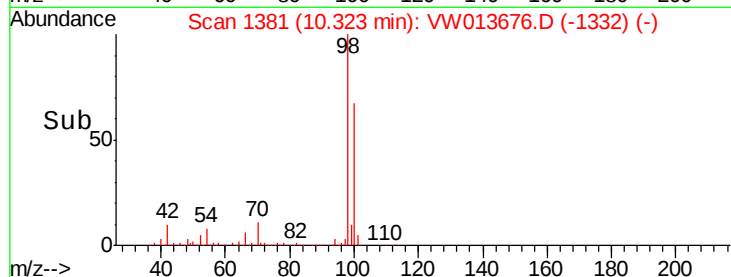
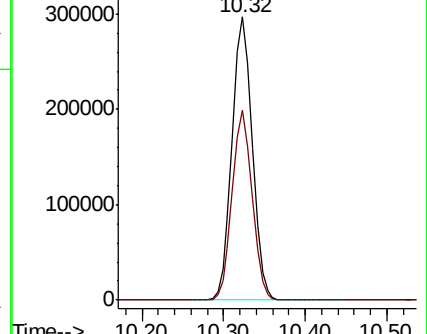
98 100

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: 1.415 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013676.D

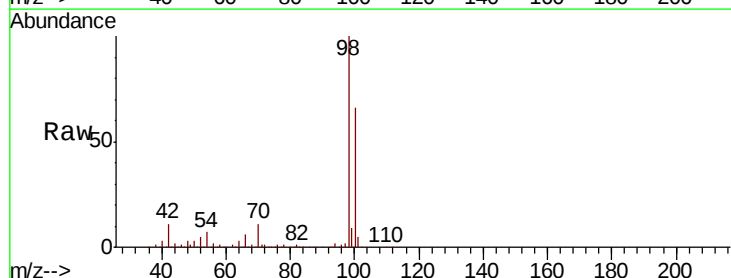
Acq: 23 Oct 2019 19:16

Tgt Ion: 43 Resp: 2156

Ion Ratio Lower Upper

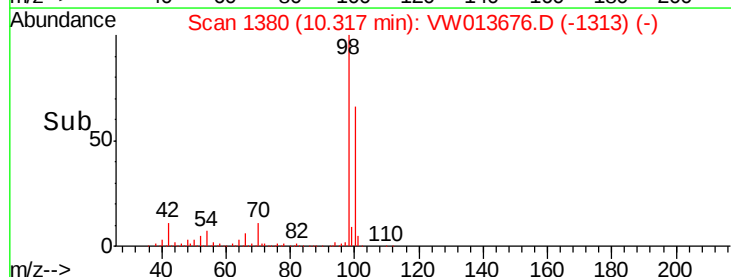
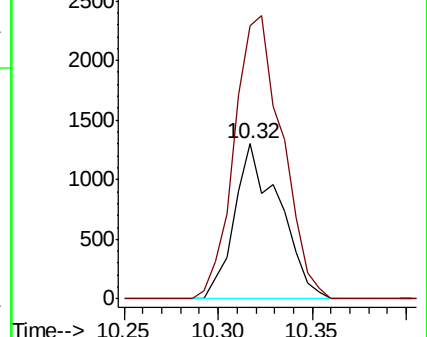
43 100

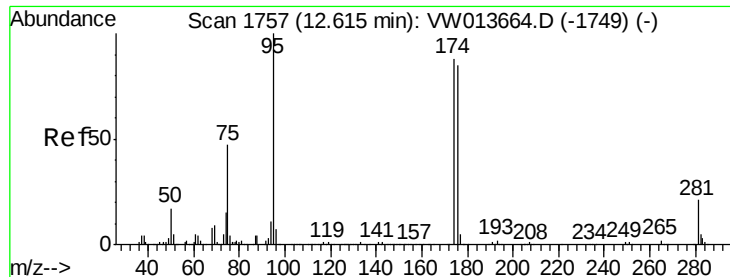
58 193.6 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 44.719 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013676.D

Acq: 23 Oct 2019 19:16

Instrument :

MSVOA_W

ClientSampled :

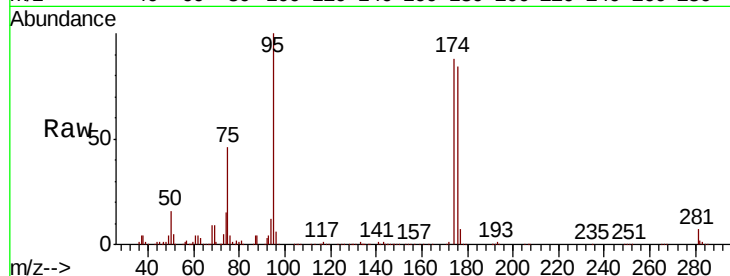
Tot Ion: 95 Resp: 154002

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.6

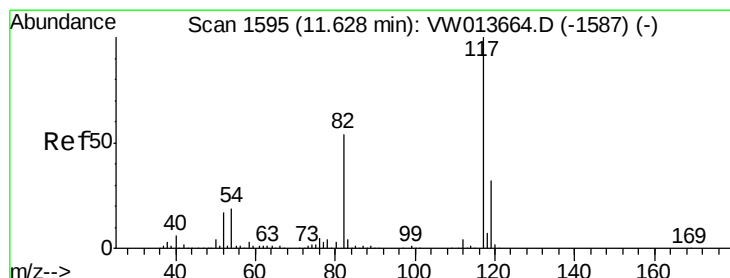
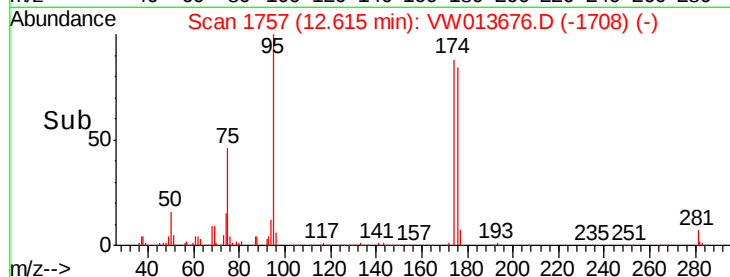
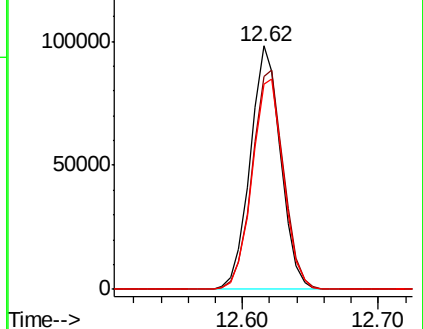
176 89.4 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VW013676.D (-1749) (-)

Ion 173.80 (173.50 to 174.50): VW013676.D (-1749) (-)

Ion 175.80 (175.50 to 176.50): VW013676.D (-1749) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW013676.D

Acq: 23 Oct 2019 19:16

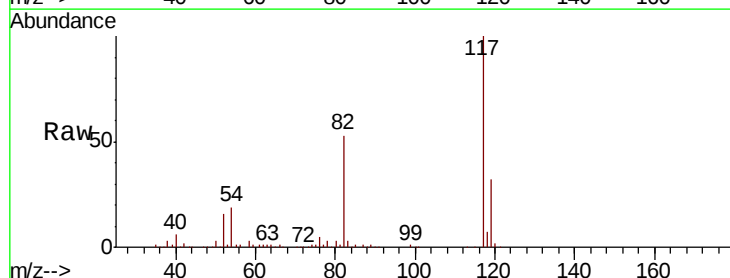
Tgt Ion: 117 Resp: 366021

Ion Ratio Lower Upper

117 100

82 53.1 43.6 65.4

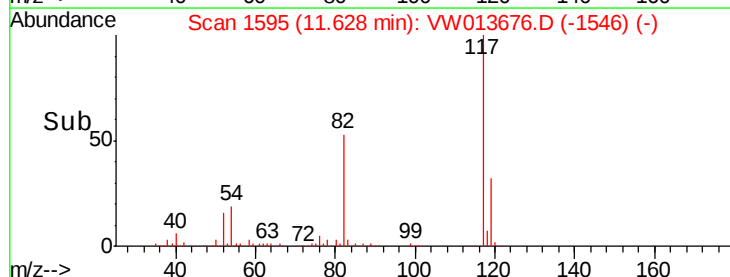
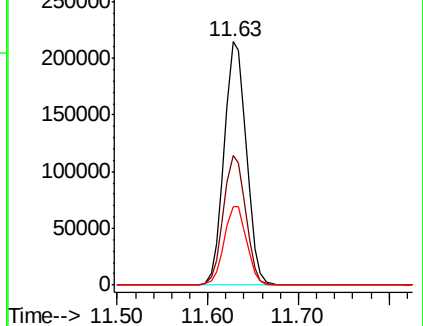
119 32.1 25.4 38.2

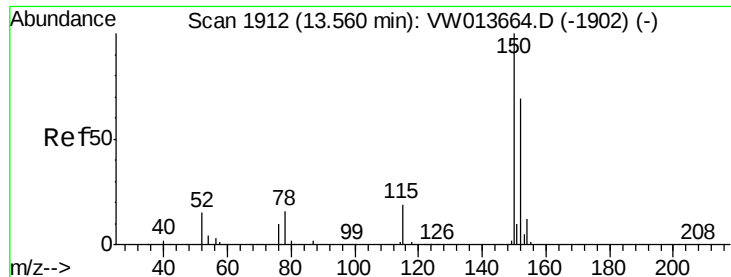


Abundance Ion 116.90 (116.60 to 117.60): VW013676.D (-1587) (-)

Ion 82.00 (81.70 to 82.70): VW013676.D (-1587) (-)

Ion 118.90 (118.60 to 119.60): VW013676.D (-1587) (-)



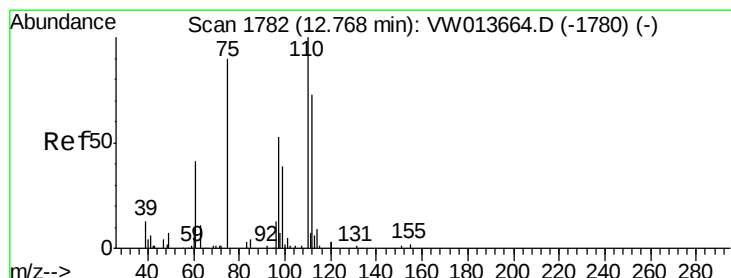
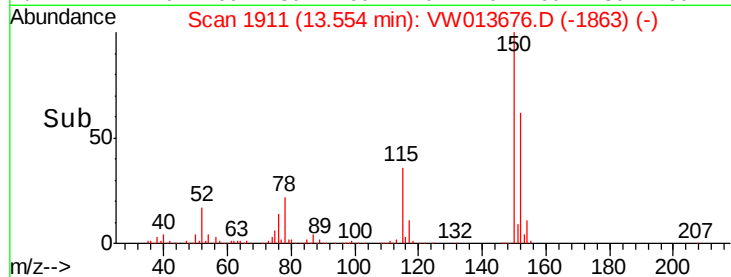
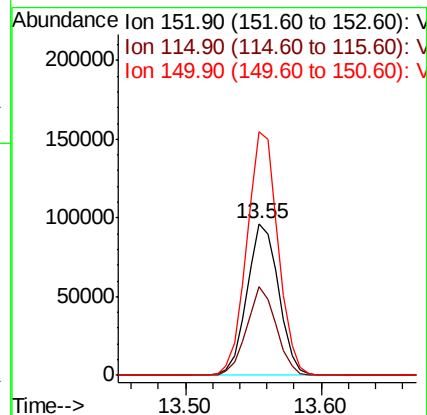
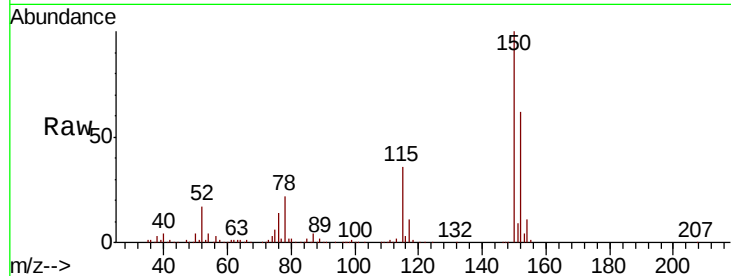


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013676.D
Acq: 23 Oct 2019 19:16

Instrument :
MSVOA_W
ClientSampleId :

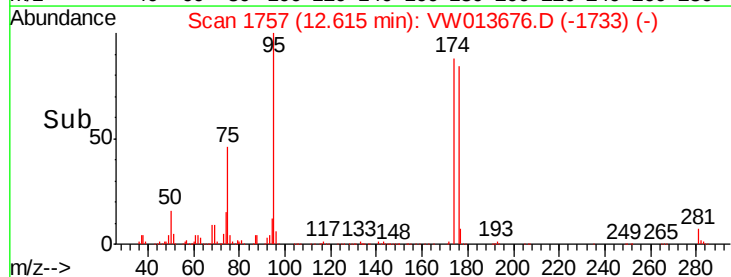
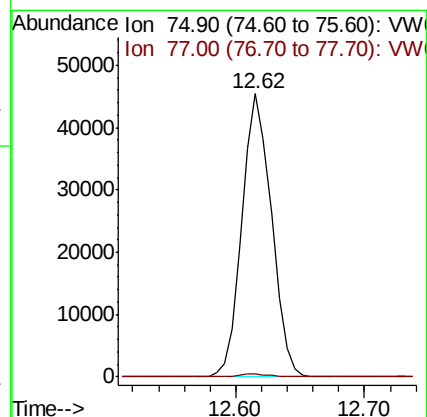
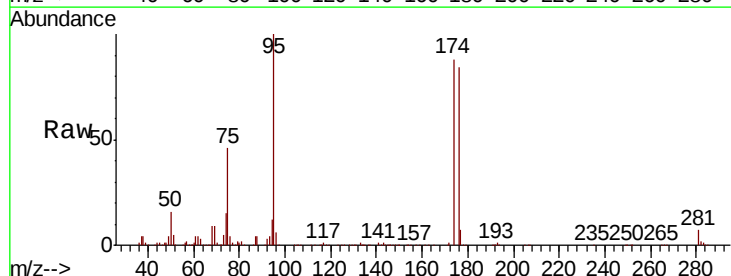
Tot Ion:152 Resp: 156573
Ion Ratio Lower Upper
152 100
115 54.7 27.4 82.2
150 158.7 0.0 345.4

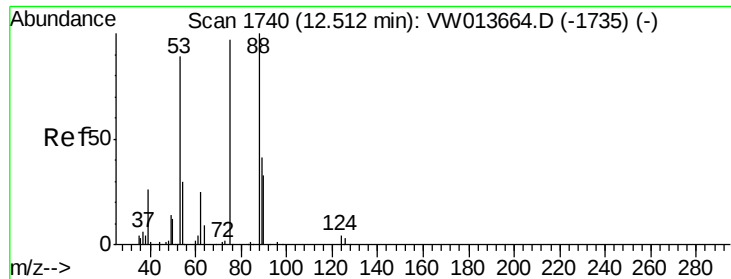


#76

1,2,3-Trichloropropane
Concen: 64.109 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013676.D
Acq: 23 Oct 2019 19:16

Tgt Ion: 75 Resp: 72085
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

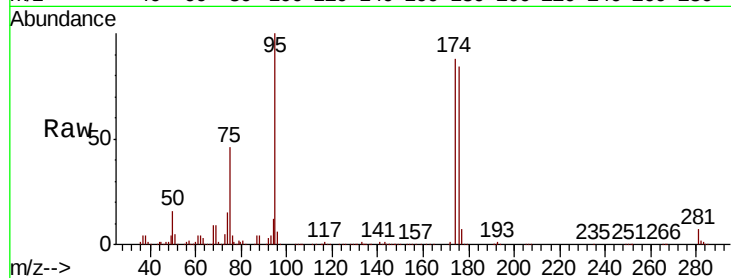




#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.157 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013676.D
 Acq: 23 Oct 2019 19:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 72085
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.0 35.8 53.8#



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

