

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013693.D
 Acq On : 24 Oct 2019 03:58
 Operator : SY/VA
 Sample : K5502-12
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:32:22 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

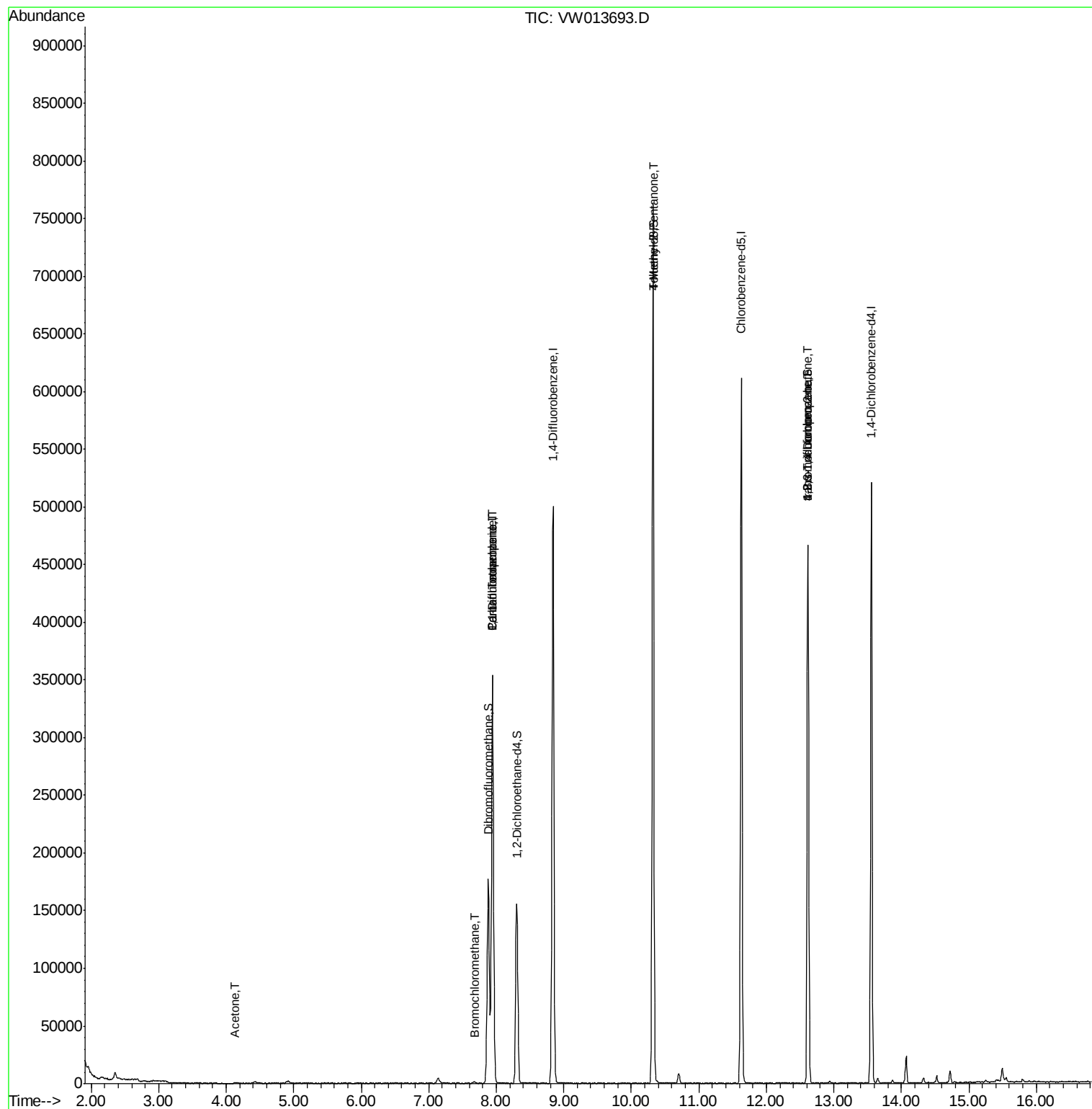
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	151606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	124815	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
35) Dibromofluoromethane	7.88	113	130554	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.32	98	513455	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	151801	43.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.92%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1398	2.993	ug/l	99
20) Methylene Chloride	4.90	84	886	Below Cal	#	89
28) Bromochloromethane	7.68	49	105	1.402	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	18437	4.345	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25693	6.725	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2200	1.424	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	71527	65.697	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71527	124.158	ug/l #	14

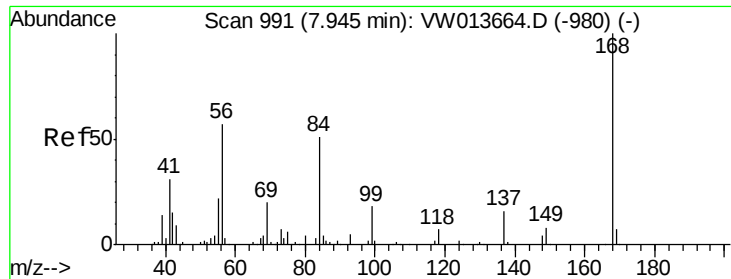
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013693.D

Acq: 24 Oct 2019 03:58

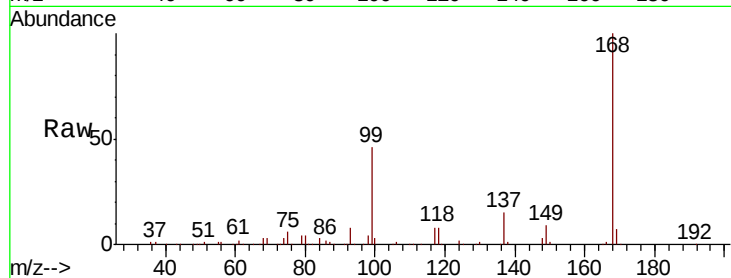
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 293684

Ion Ratio Lower Upper

168 100

99 46.2 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

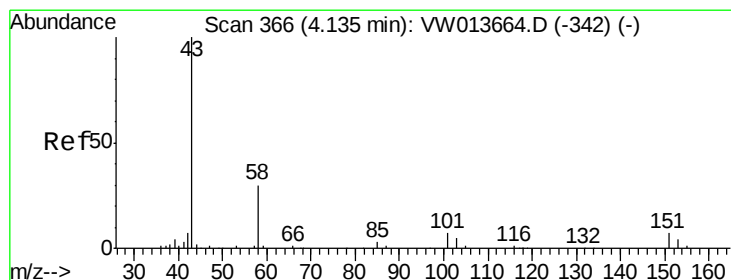
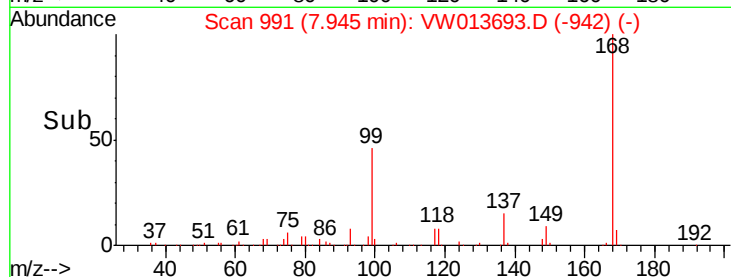
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 2.993 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013693.D

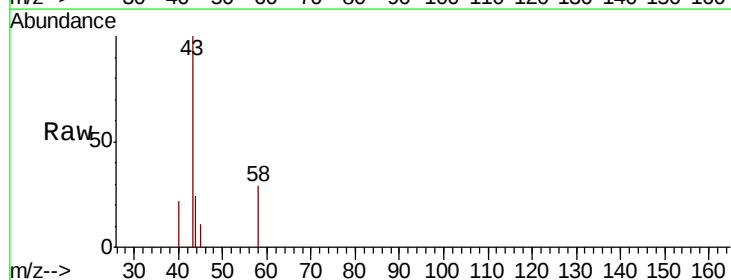
Acq: 24 Oct 2019 03:58

Tgt Ion: 43 Resp: 1398

Ion Ratio Lower Upper

43 100

58 29.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

600

500

400

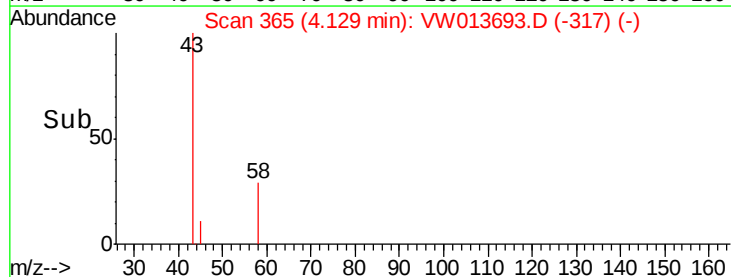
300

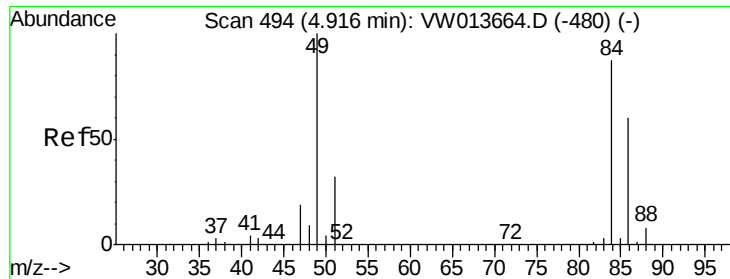
200

100

0

Time--> 4.05 4.10 4.15 4.20

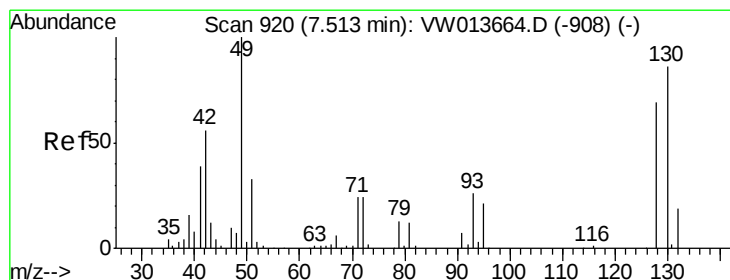
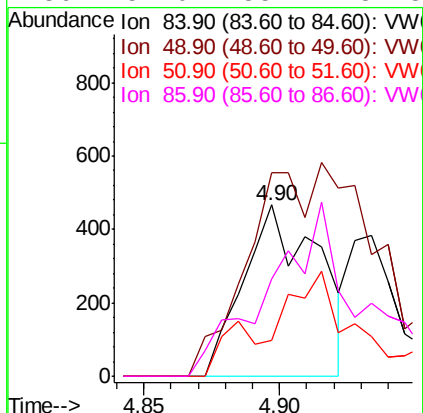
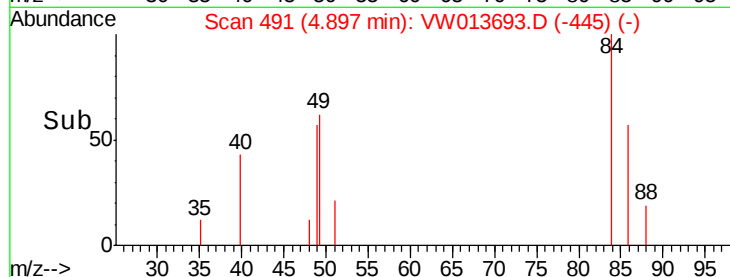
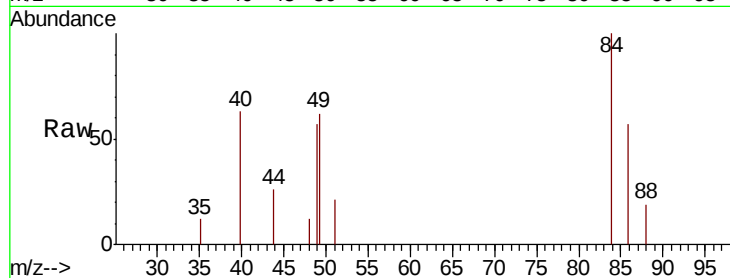




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: VW013693.D
Acq: 24 Oct 2019 03:58

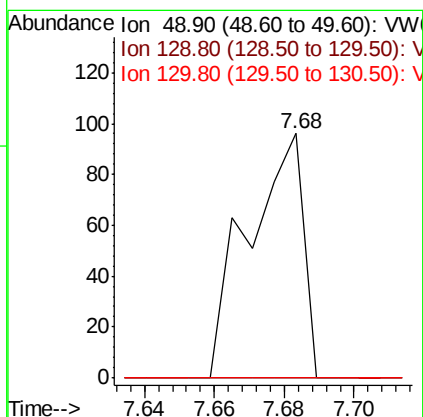
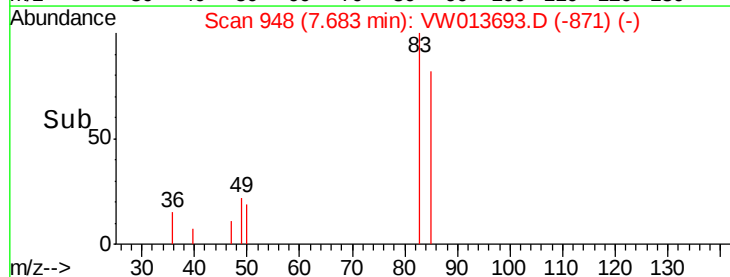
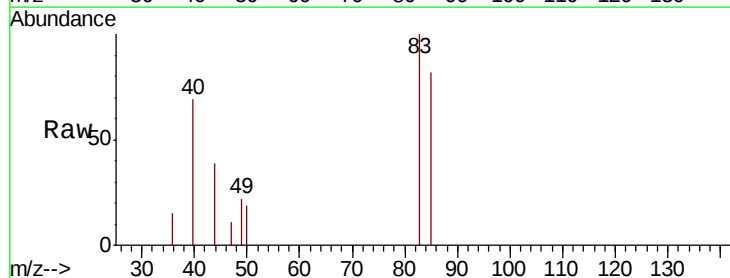
Instrument :
MSVOA_W
ClientSampleId :

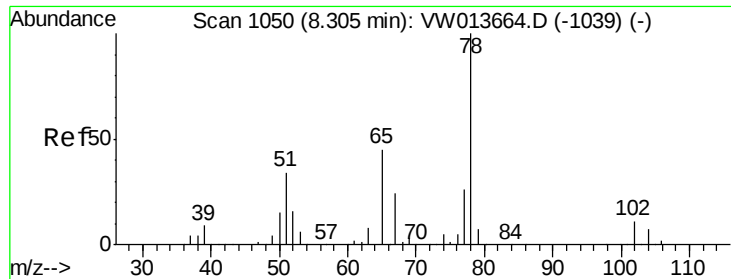
Tot Ion: 84 Resp: 886
Ion Ratio Lower Upper
84 100
49 118.8 91.8 137.6
51 21.0 29.8 44.6#
86 57.0 55.2 82.8



#28
Bromochloromethane
Concen: 1.402 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.17 min
Lab File: VW013693.D
Acq: 24 Oct 2019 03:58

Tgt Ion: 49 Resp: 105
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.6
130 0.0 67.5 101.3#

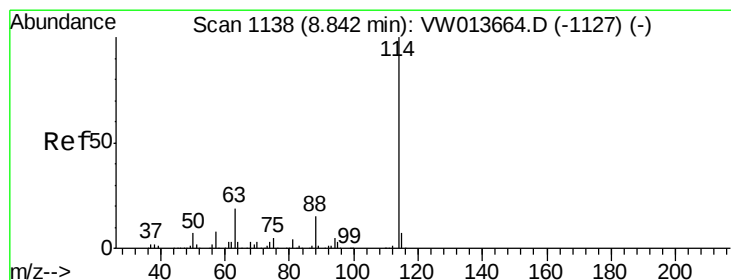
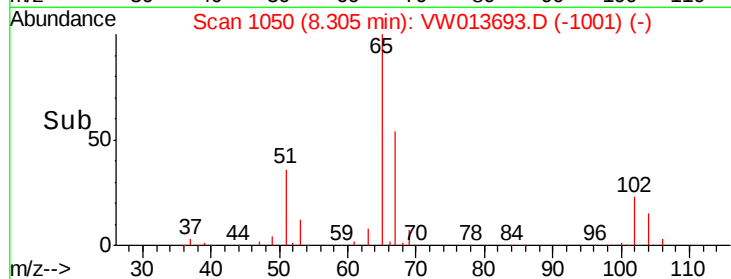
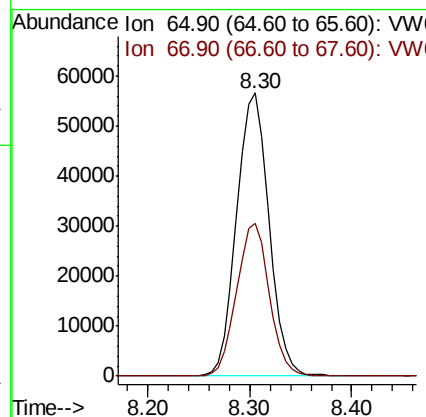
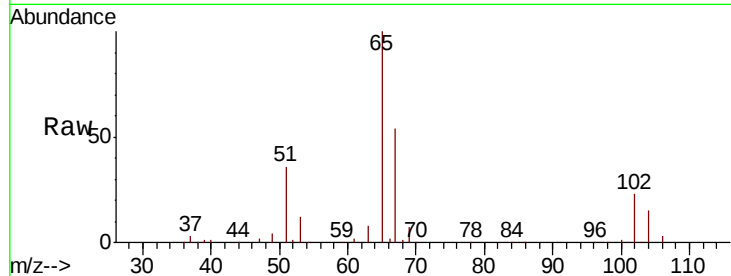




#33
 1,2-Dichloroethane-d4
 Concen: 56.654 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013693.D
 Acq: 24 Oct 2019 03:58

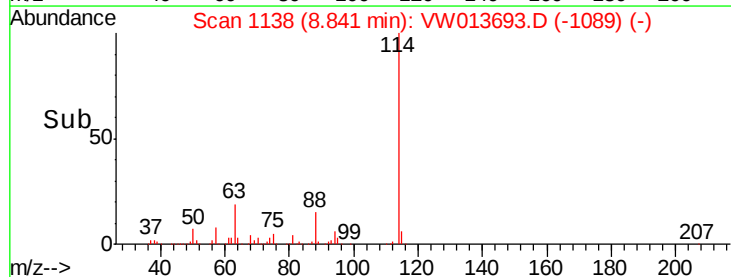
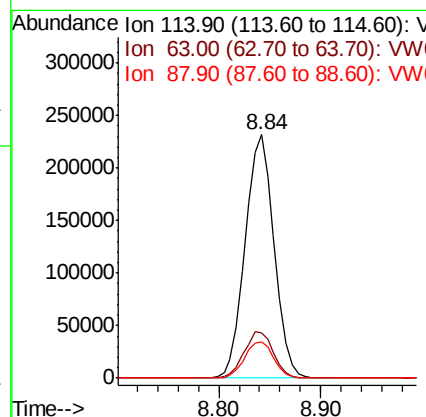
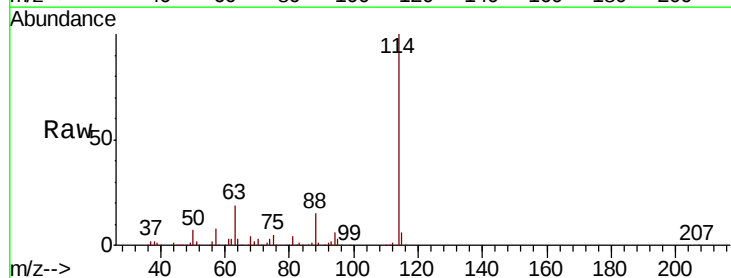
Instrument :
 MSVOA_W
 ClientSampled :

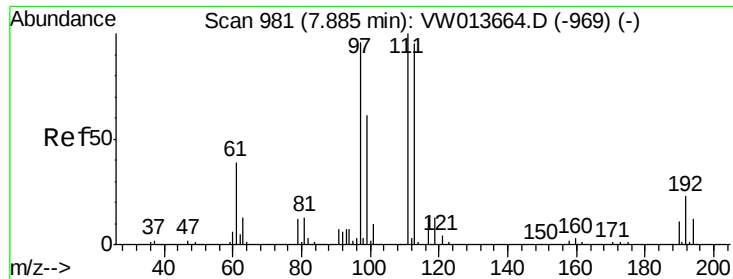
Tot Ion: 65 Resp: 124815
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013693.D
 Acq: 24 Oct 2019 03:58

Tgt Ion: 114 Resp: 455580
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.6
 88 15.0 0.0 30.2

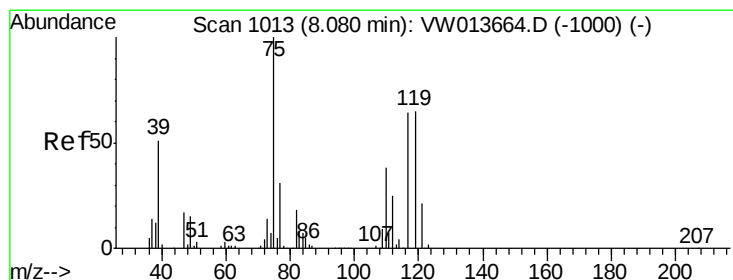
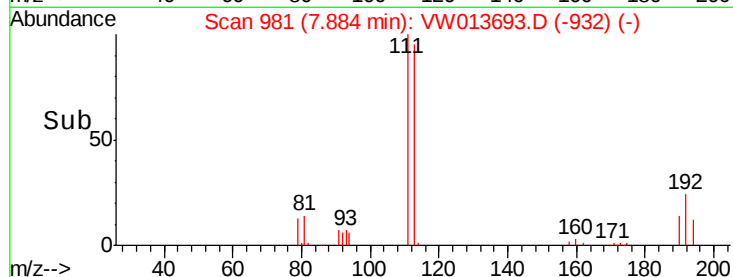
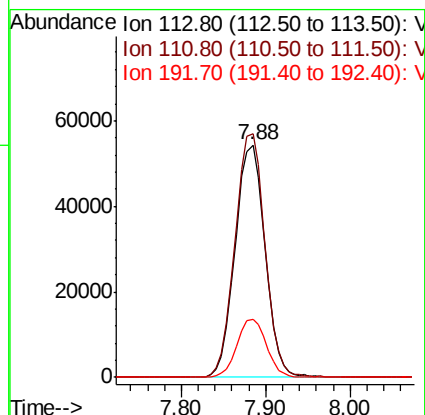
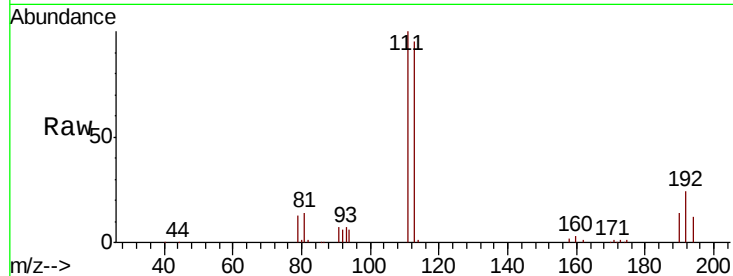




#35
 Dibromofluoromethane
 Concen: 51.573 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013693.D
 Acq: 24 Oct 2019 03:58

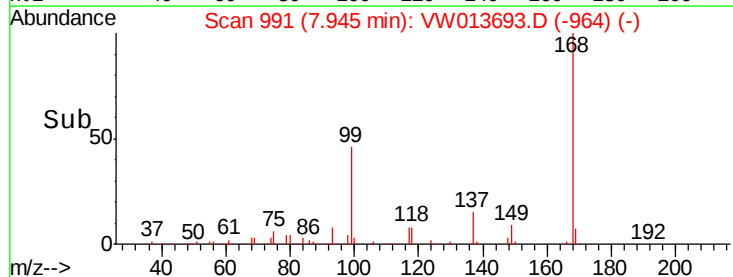
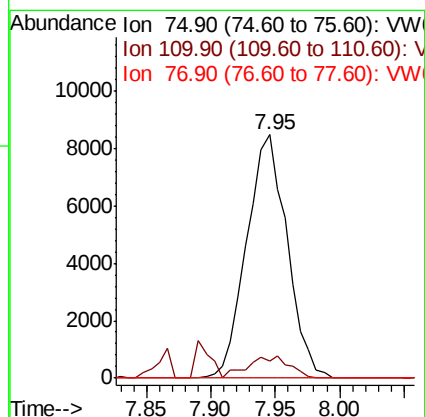
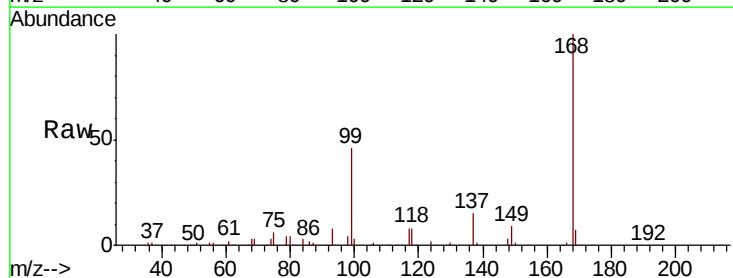
Instrument :
 MSVOA_W
 ClientSampleId :

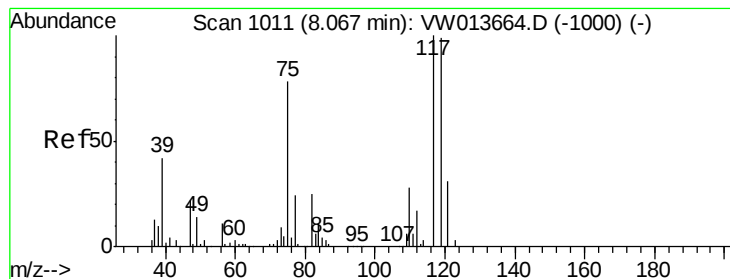
Tot Ion:113 Resp: 130554
 Ion Ratio Lower Upper
 113 100
 111 104.8 83.0 124.6
 192 24.6 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.345 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013693.D
 Acq: 24 Oct 2019 03:58

Tgt Ion: 75 Resp: 18437
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.7 56.1#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.725 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013693.D

Acq: 24 Oct 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

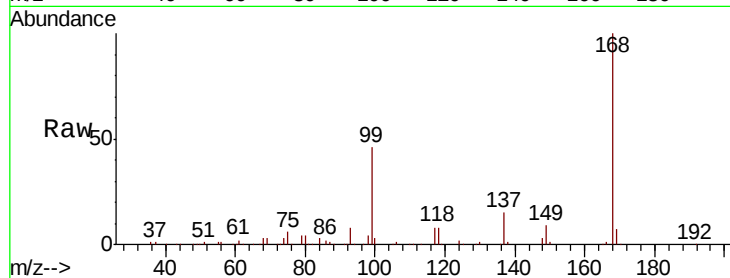
Tot Ion:117 Resp: 25693

Ion Ratio Lower Upper

117 100

119 5.1 79.0 118.4#

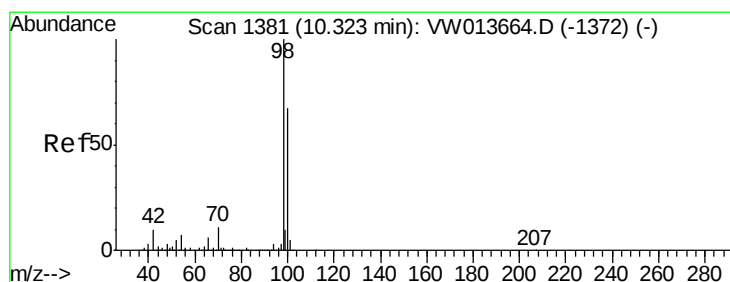
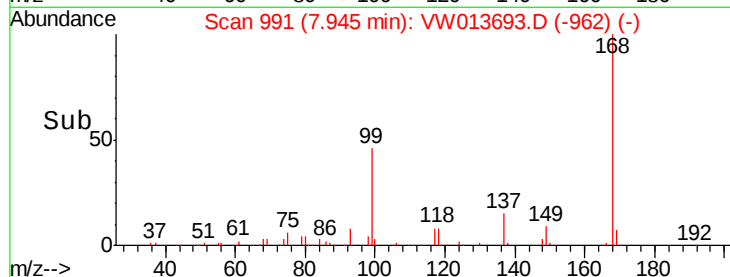
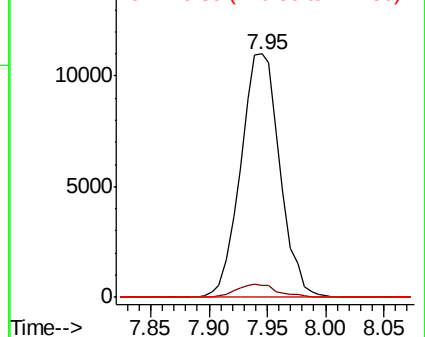
121 0.0 24.5 36.7#



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: 49.777 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013693.D

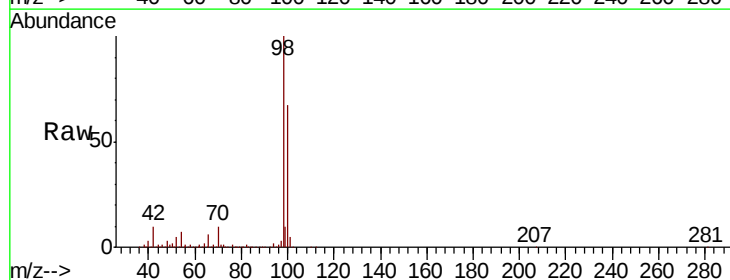
Acq: 24 Oct 2019 03:58

Tgt Ion: 98 Resp: 513455

Ion Ratio Lower Upper

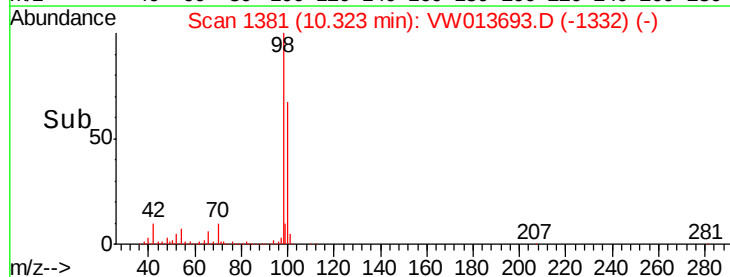
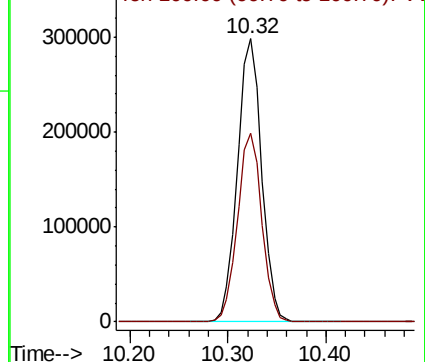
98 100

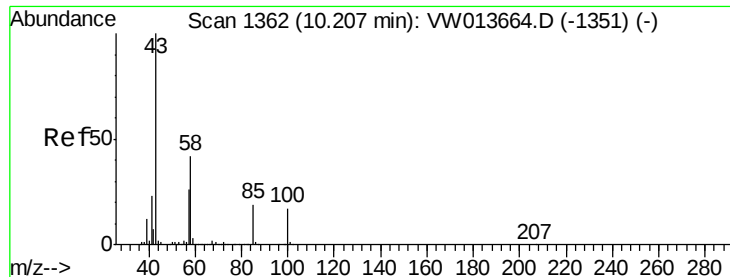
100 66.9 53.4 80.0



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: 1.424 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013693.D

Acq: 24 Oct 2019 03:58

Instrument :

MSVOA_W

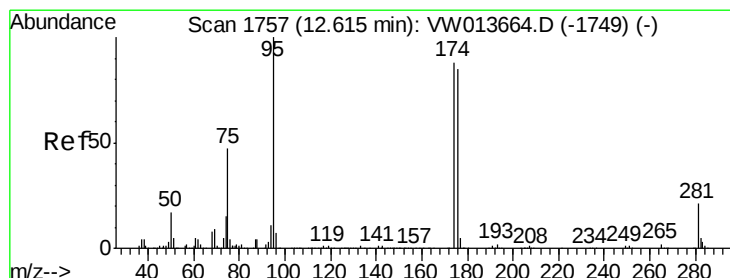
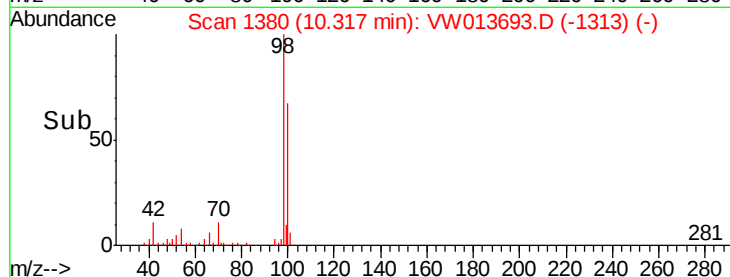
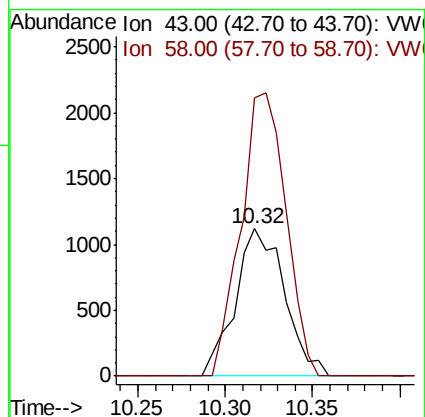
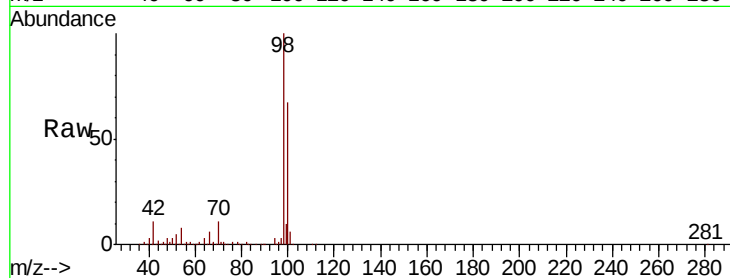
ClientSampleId :

Tot Ion: 43 Resp: 2200

Ion Ratio Lower Upper

43 100

58 175.1 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 43.462 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013693.D

Acq: 24 Oct 2019 03:58

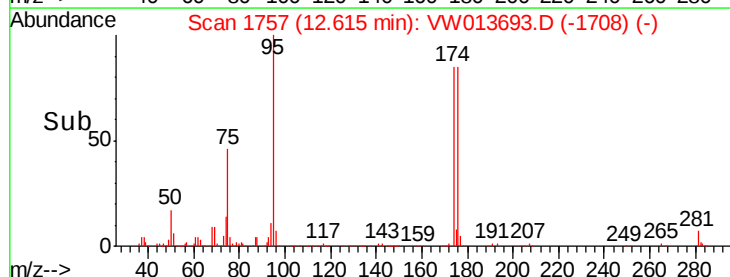
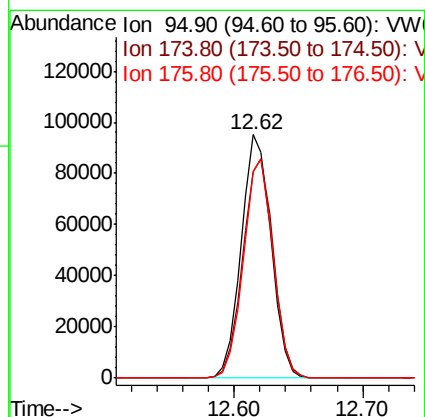
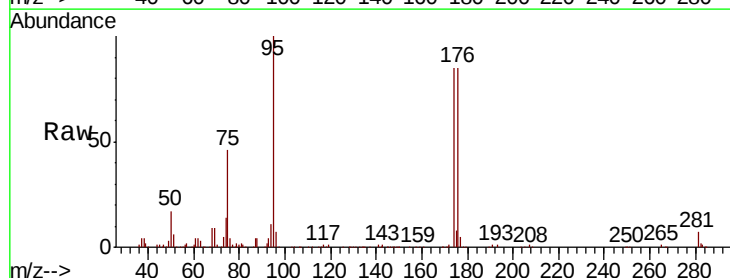
Tgt Ion: 95 Resp: 151801

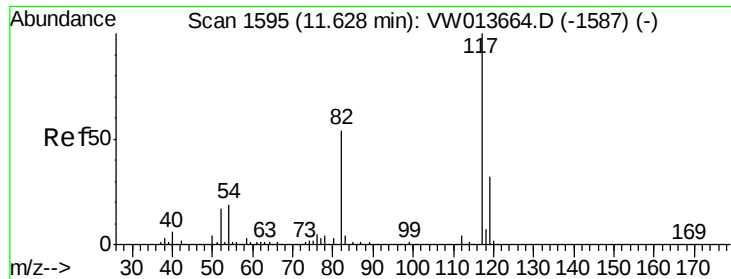
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.6

176 89.5 0.0 178.0

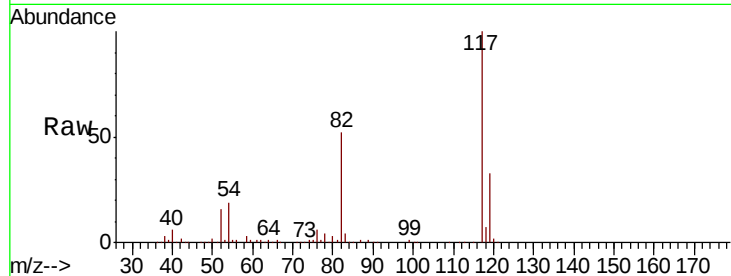




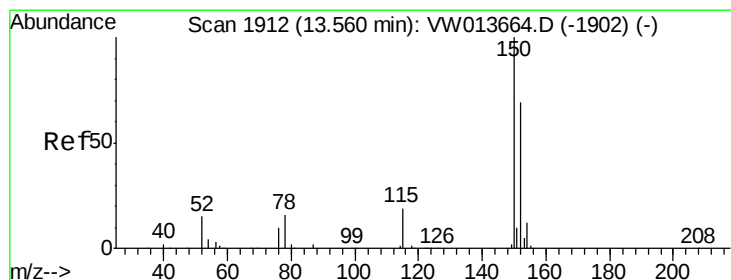
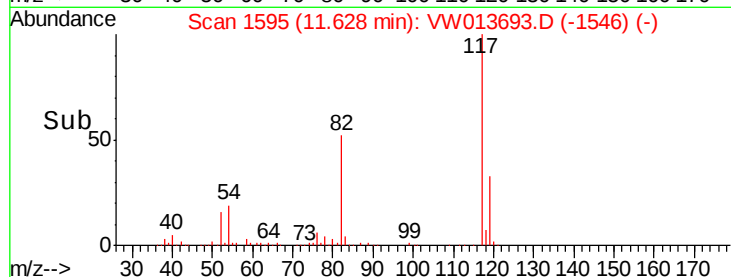
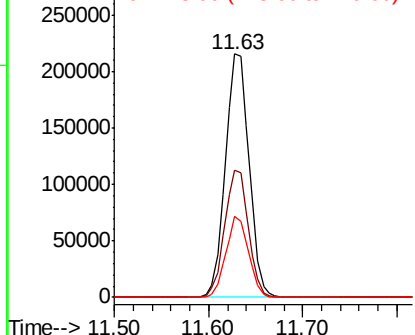
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013693.D
Acq: 24 Oct 2019 03:58

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 375605
Ion Ratio Lower Upper
117 100
82 52.3 43.6 65.4
119 33.4 25.4 38.2

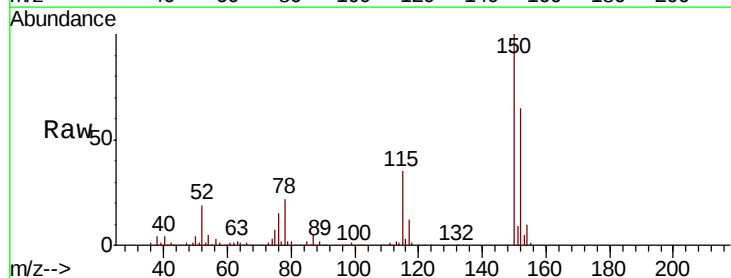


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

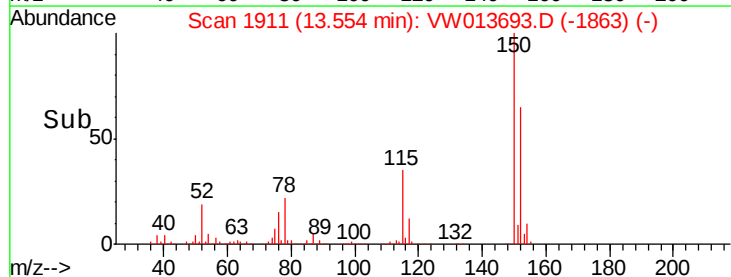
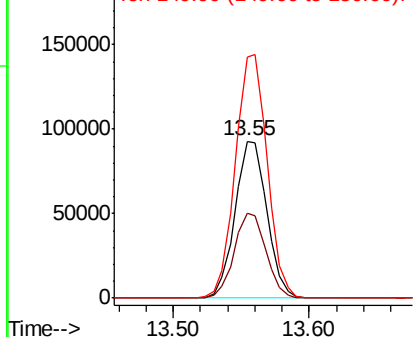


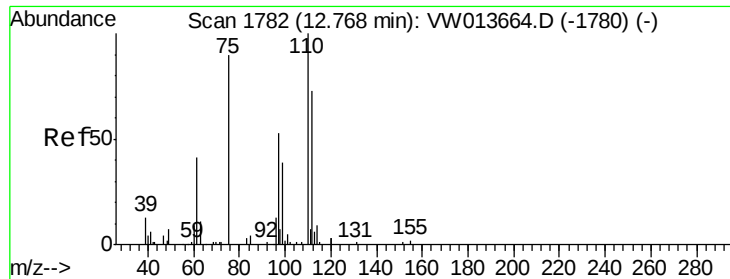
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013693.D
Acq: 24 Oct 2019 03:58

Tgt Ion:152 Resp: 151606
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 155.4 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: 65.697 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013693.D

Acq: 24 Oct 2019 03:58

Instrument :

MSVOA_W

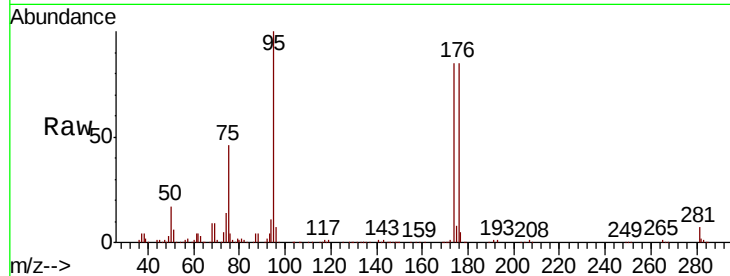
ClientSampleId :

Tot Ion: 75 Resp: 71527

Ion Ratio Lower Upper

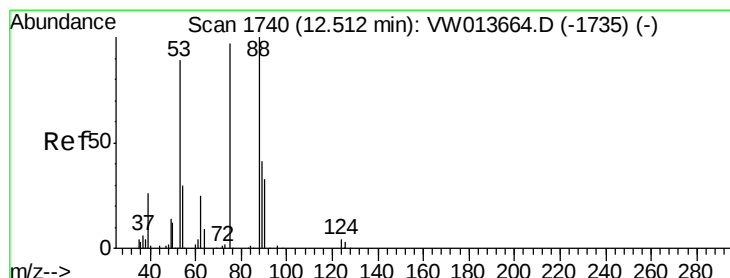
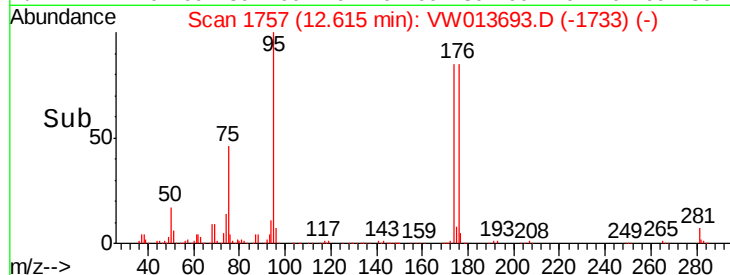
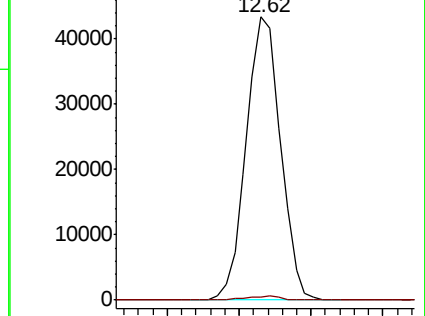
75 100

77 1.4 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: 124.158 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013693.D

Acq: 24 Oct 2019 03:58

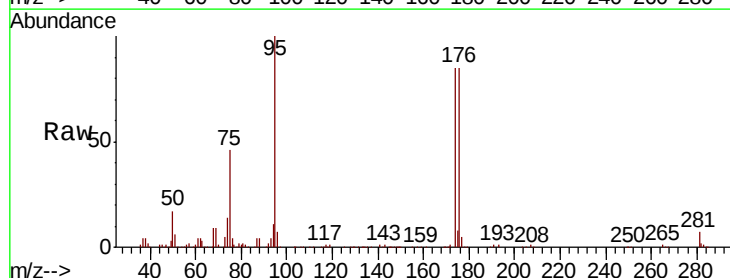
Tgt Ion: 75 Resp: 71527

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

