

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013690.D
 Acq On : 24 Oct 2019 02:40
 Operator : SY/VA
 Sample : K5502-06
 Misc : 6.45G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:31:52 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

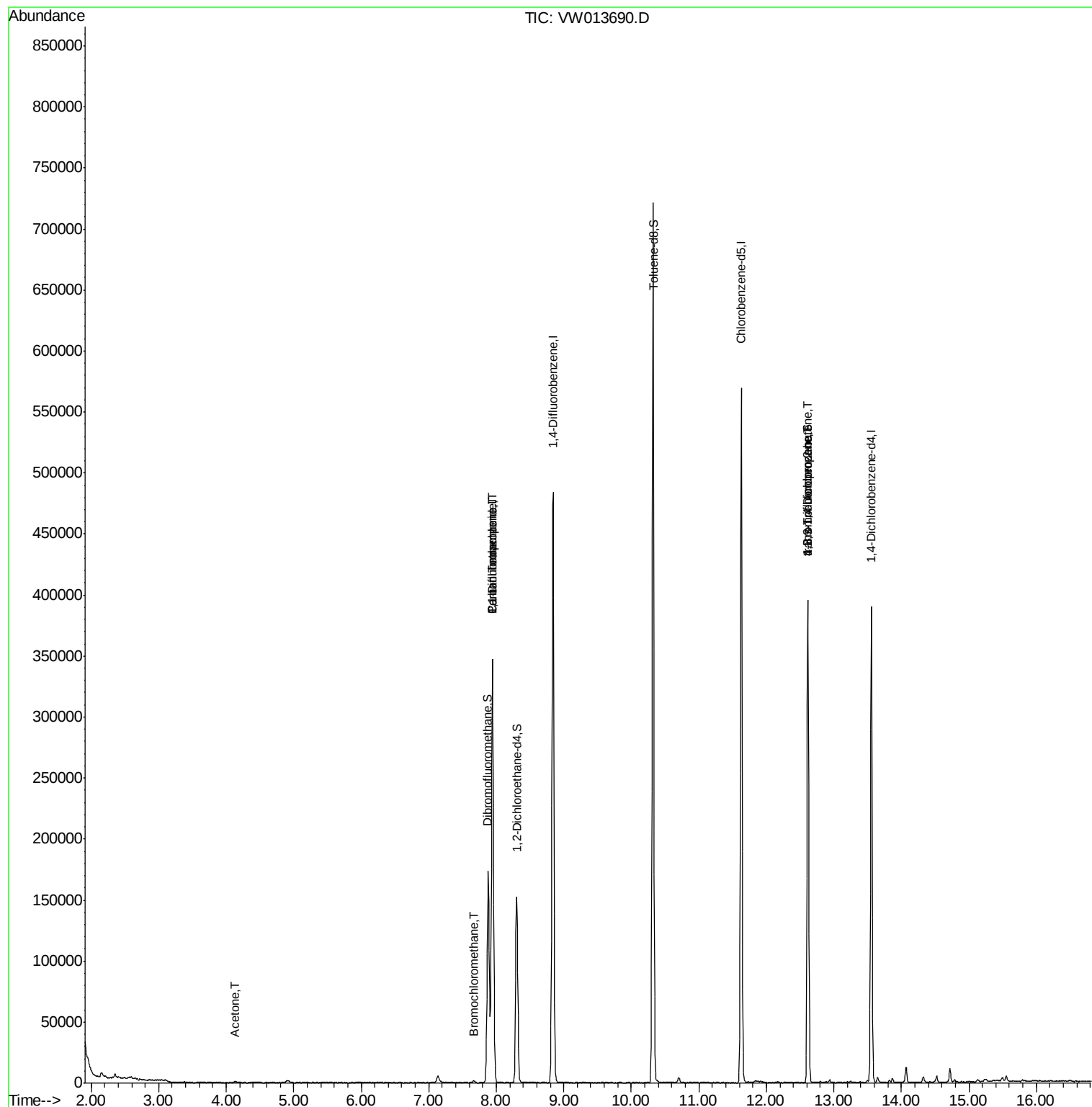
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	112840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	119693	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
35) Dibromofluoromethane	7.88	113	125967	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.32	98	484775	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.62	95	129645	39.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.06%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1845	4.026	ug/l #	89
20) Methylene Chloride	4.91	84	1105	Below Cal	#	87
28) Bromochloromethane	7.66	49	56	1.374	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	18416	4.564	ug/l #	49
38) Carbon Tetrachloride	7.94	117	24113	6.636	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	60701	74.907	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60701	141.564	ug/l #	14

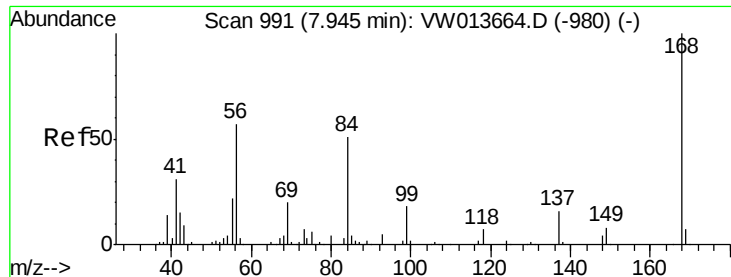
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013690.D

Acq: 24 Oct 2019 02:40

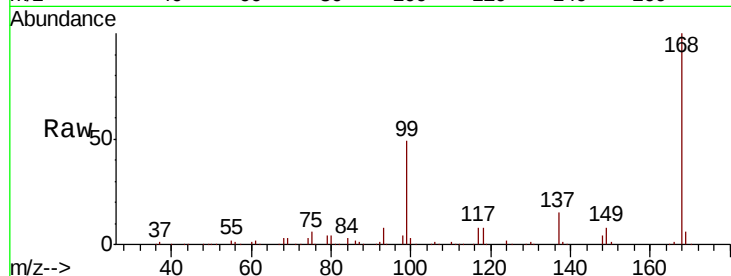
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 288116

Ion Ratio Lower Upper

168 100

99 49.3 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

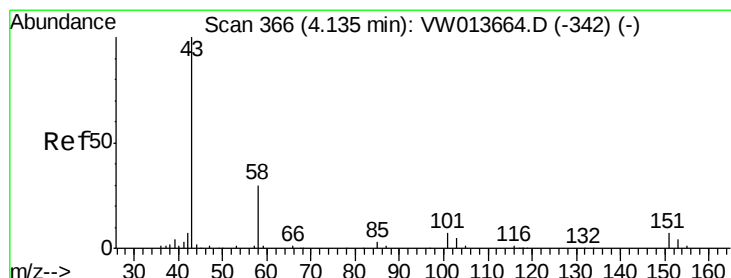
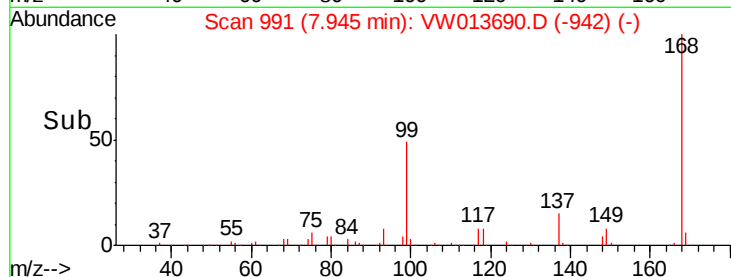
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 4.026 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW013690.D

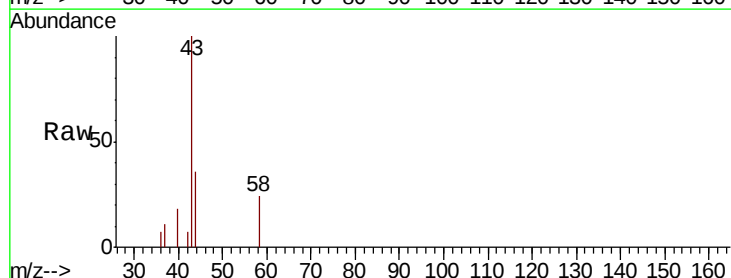
Acq: 24 Oct 2019 02:40

Tgt Ion: 43 Resp: 1845

Ion Ratio Lower Upper

43 100

58 24.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

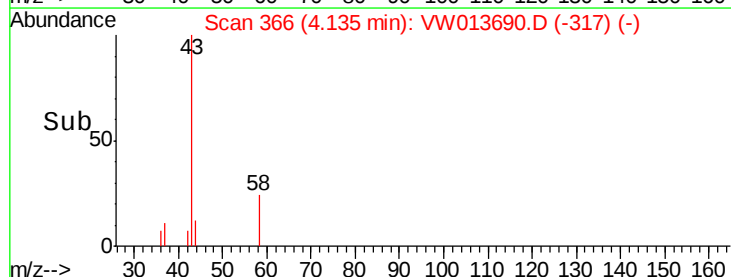
600

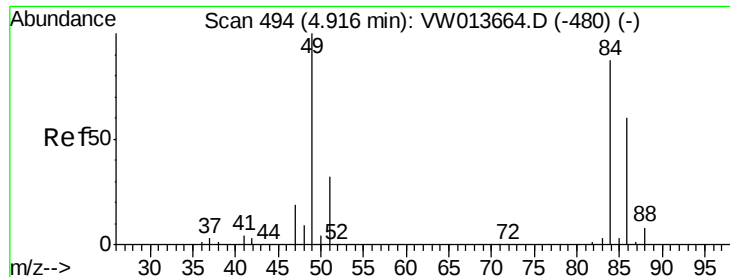
400

200

0

Time--> 4.05 4.10 4.15 4.20

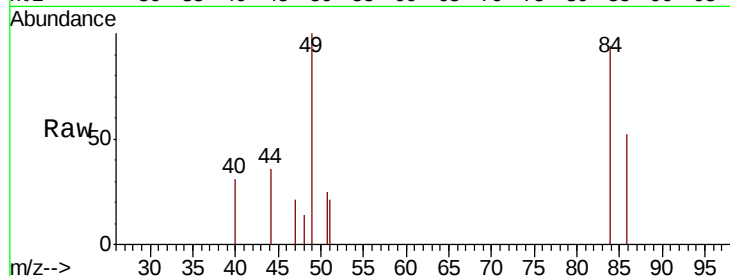




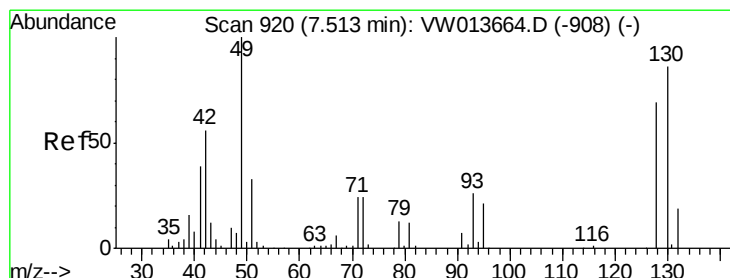
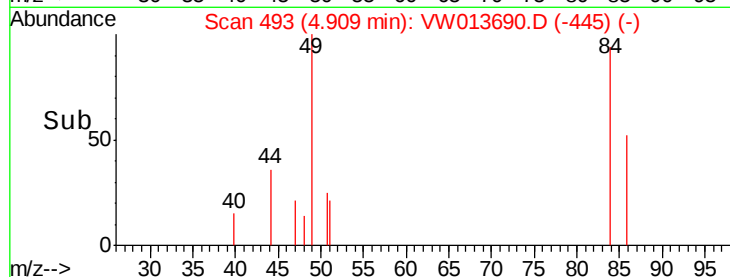
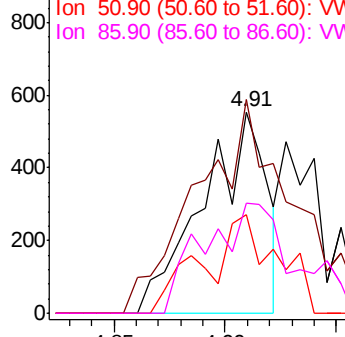
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013690.D
Acq: 24 Oct 2019 02:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 1105
Ion Ratio Lower Upper
84 100
49 106.1 91.8 137.6
51 48.9 29.8 44.6#
86 54.9 55.2 82.8#

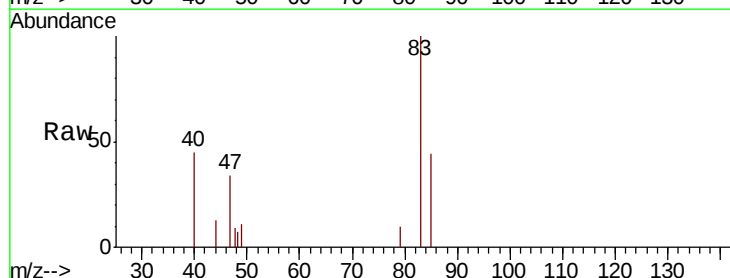


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

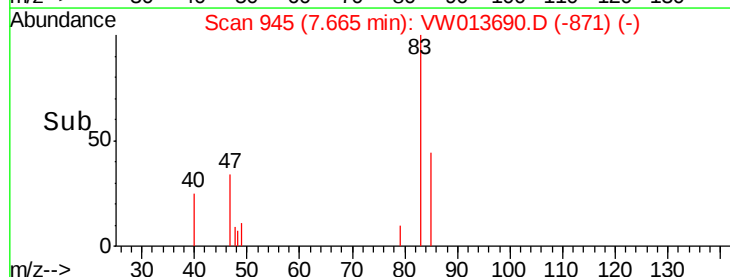
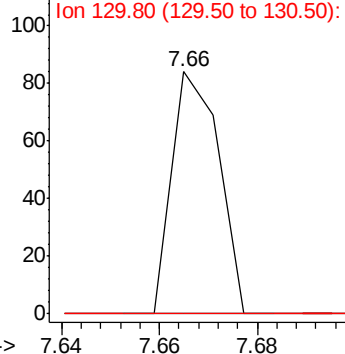


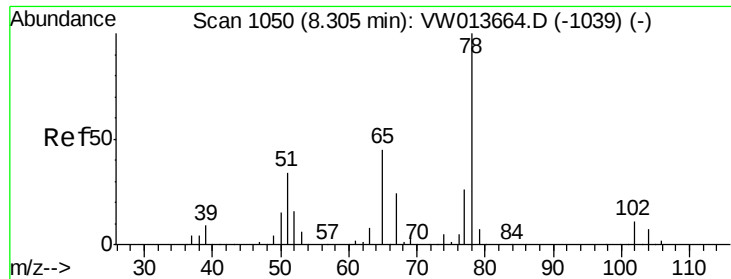
#28
Bromochloromethane
Concen: 1.374 ug/l
RT: 7.66 min Scan# 945
Delta R.T. 0.15 min
Lab File: VW013690.D
Acq: 24 Oct 2019 02:40

Tgt Ion: 49 Resp: 56
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

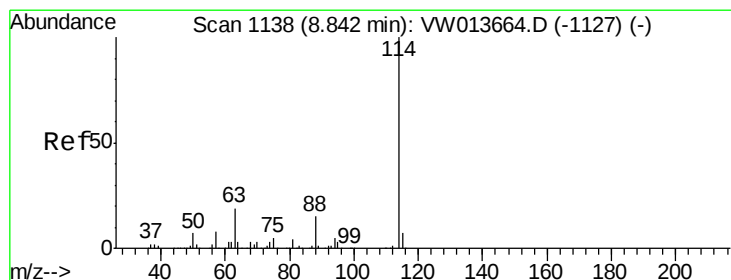
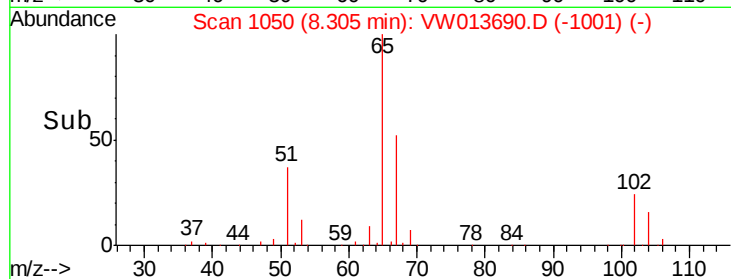
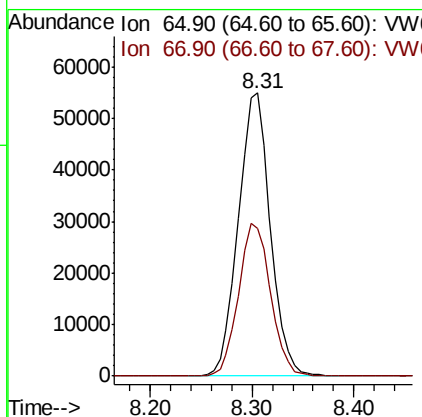
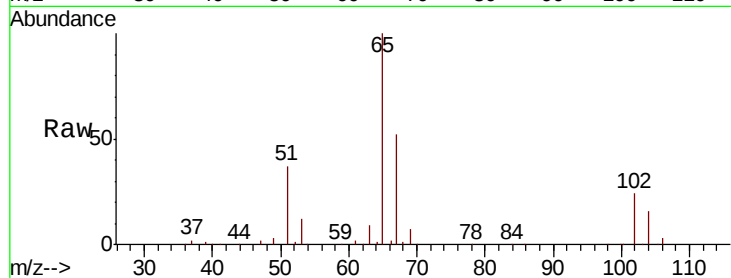




#33
 1,2-Dichloroethane-d4
 Concen: 55.379 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013690.D
 Acq: 24 Oct 2019 02:40

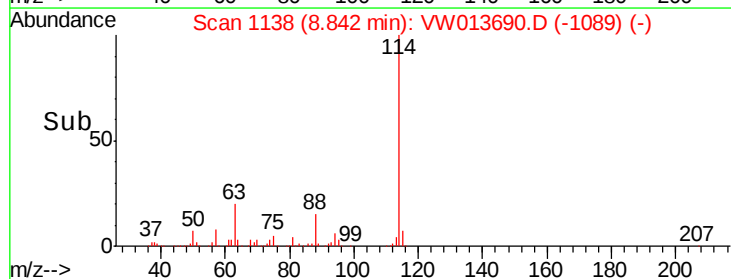
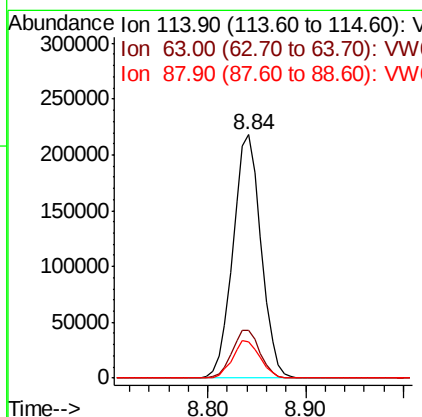
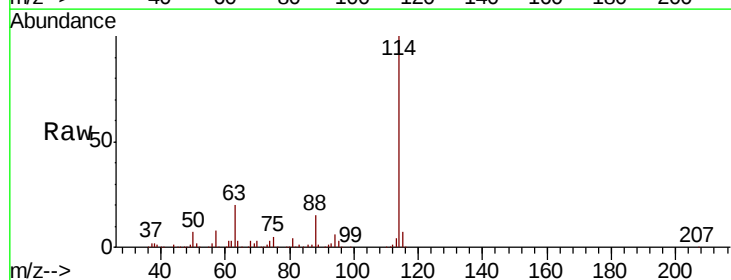
Instrument :
 MSVOA_W
 ClientSampleId :

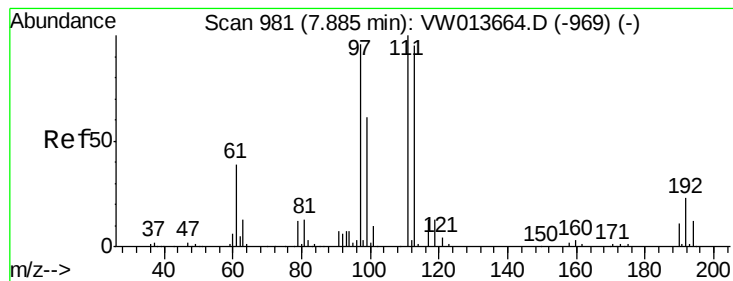
Tot Ion: 65 Resp: 119693
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013690.D
 Acq: 24 Oct 2019 02:40

Tgt Ion: 114 Resp: 433286
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.6
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.321 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013690.D

Acq: 24 Oct 2019 02:40

Instrument :
MSVOA_W
ClientSampleId :

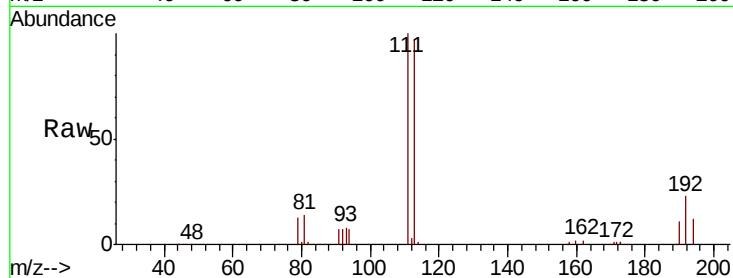
Tot Ion:113 Resp: 125967

Ion Ratio Lower Upper

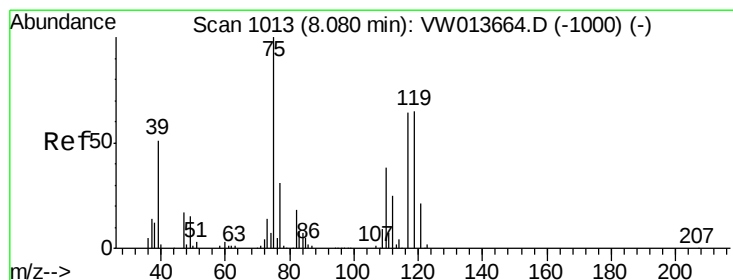
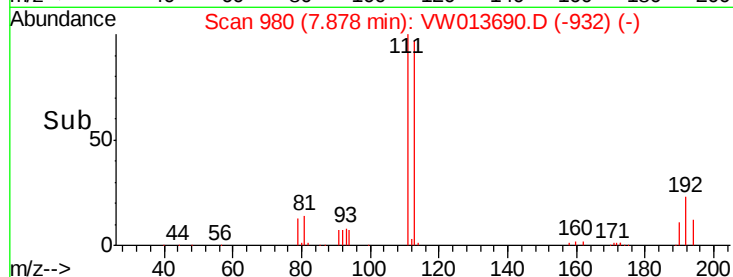
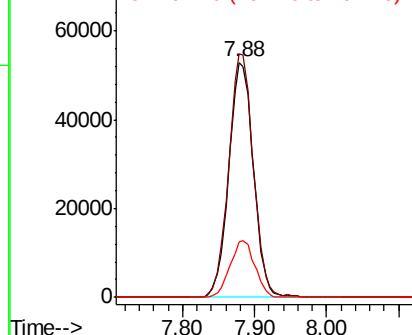
113 100

111 103.3 83.0 124.6

192 24.4 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: 4.564 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013690.D

Acq: 24 Oct 2019 02:40

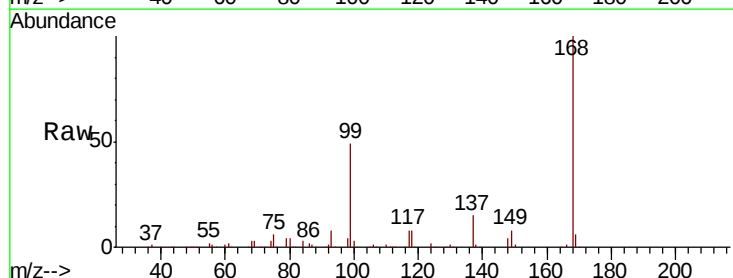
Tgt Ion: 75 Resp: 18416

Ion Ratio Lower Upper

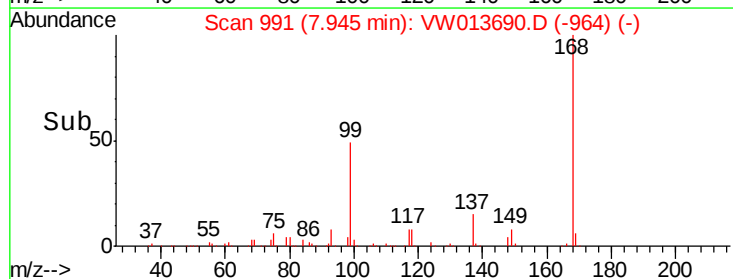
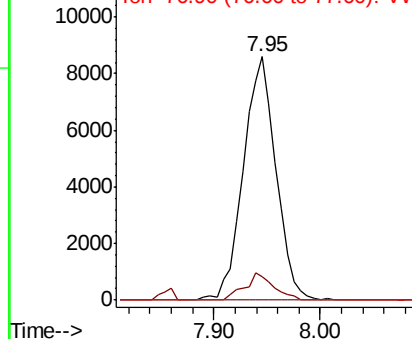
75 100

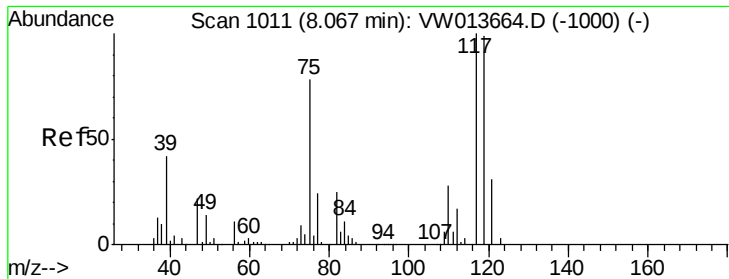
110 9.9 18.7 56.1#

77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.636 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013690.D

Acq: 24 Oct 2019 02:40

Instrument :

MSVOA_W

ClientSampled :

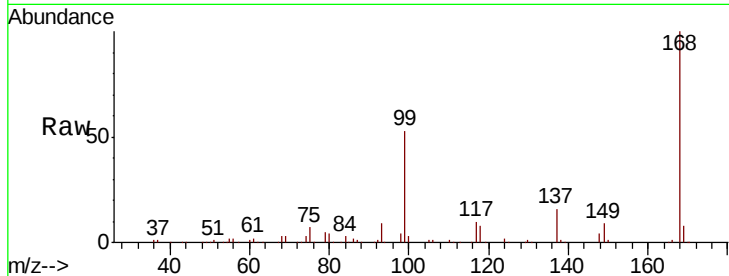
Tot Ion:117 Resp: 24113

Ion Ratio Lower Upper

117 100

119 4.4 79.0 118.4#

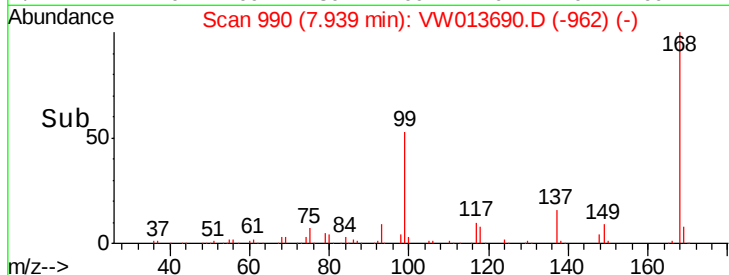
121 0.0 24.5 36.7#



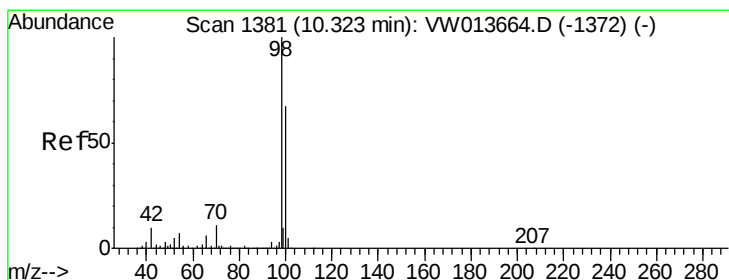
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->



#50

Toluene-d8

Concen: 49.415 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013690.D

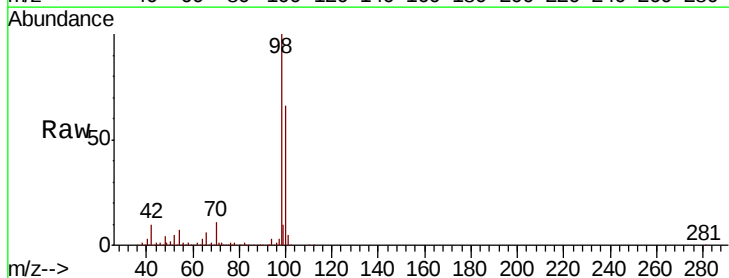
Acq: 24 Oct 2019 02:40

Tgt Ion: 98 Resp: 484775

Ion Ratio Lower Upper

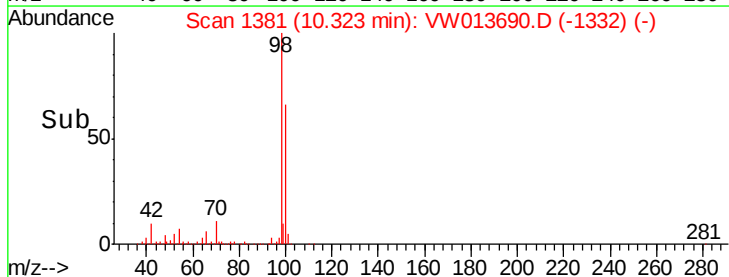
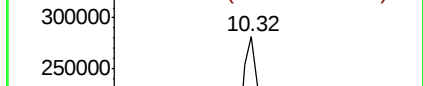
98 100

100 66.5 53.4 80.0

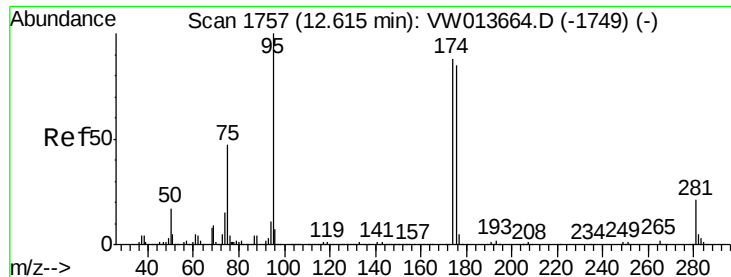


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



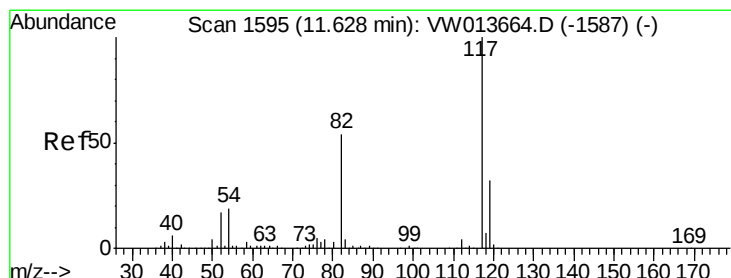
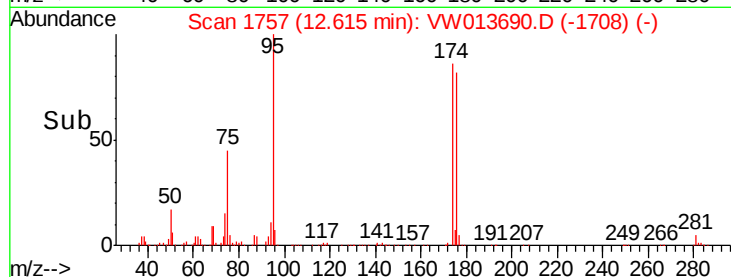
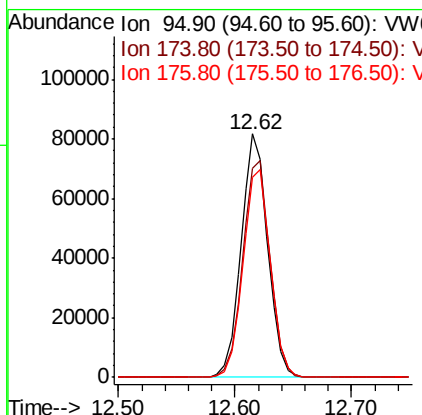
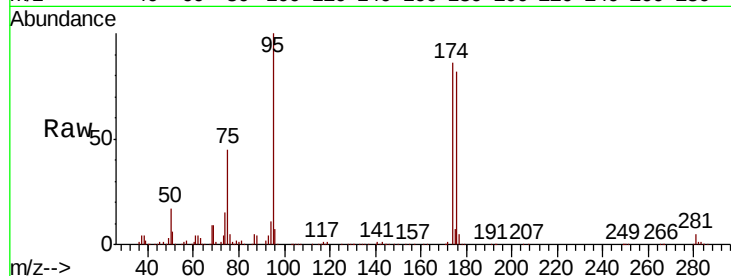
Time-->



#62
4-Bromofluorobenzene
Concen: 39.029 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013690.D
Acq: 24 Oct 2019 02:40

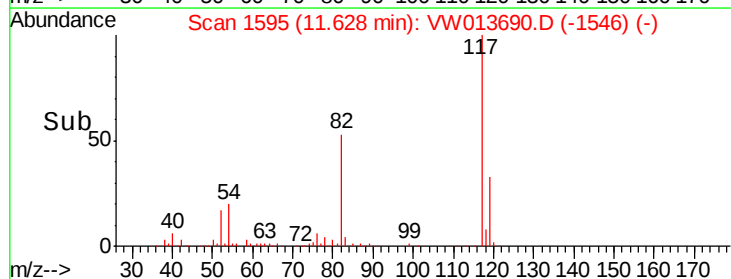
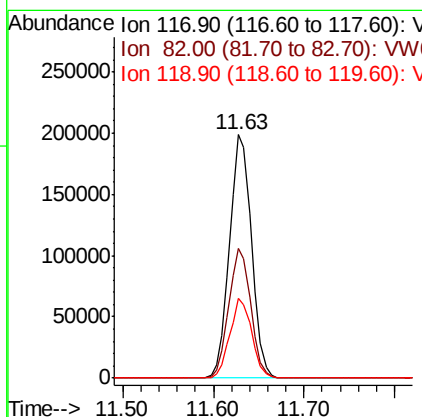
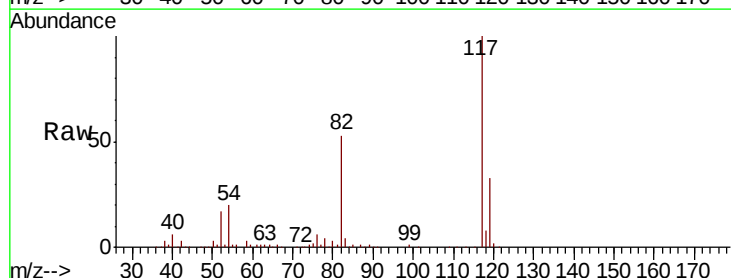
Instrument :
MSVOA_W
ClientSampled :

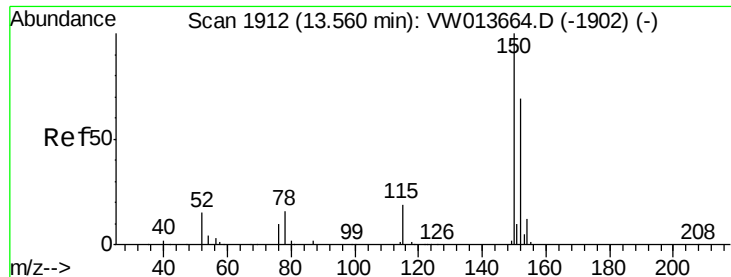
Tot Ion	95	Resp	129645
Ion Ratio	Lower	Upper	
95	100		
174	91.8	0.0	183.6
176	88.2	0.0	178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013690.D
Acq: 24 Oct 2019 02:40

Tgt Ion	117	Resp	334748
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.6	65.4
119	32.7	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013690.D

Acq: 24 Oct 2019 02:40

Instrument :

MSVOA_W

ClientSampled :

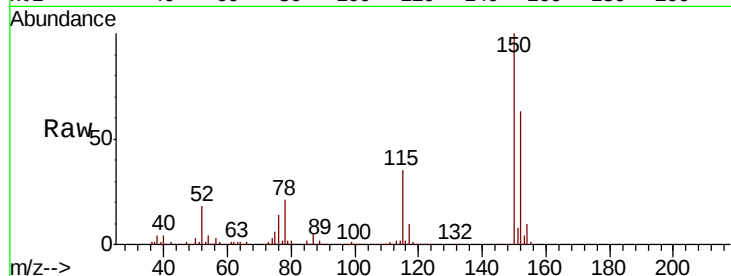
Tot Ion:152 Resp: 112840

Ion Ratio Lower Upper

152 100

115 55.0 27.4 82.2

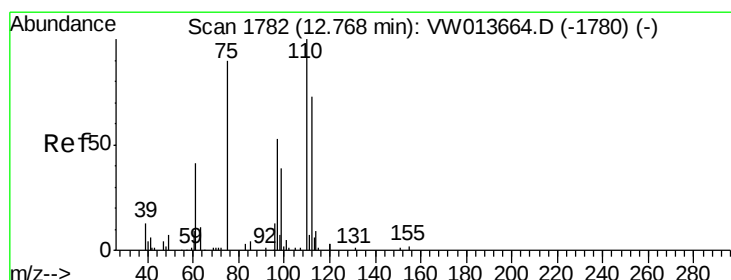
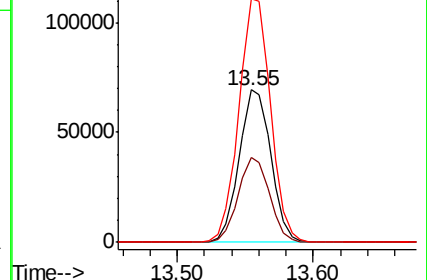
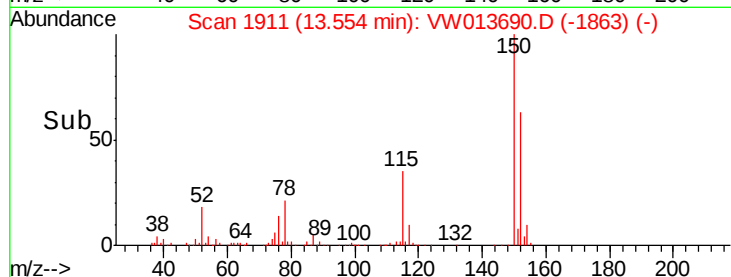
150 159.7 0.0 345.4



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: 74.907 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013690.D

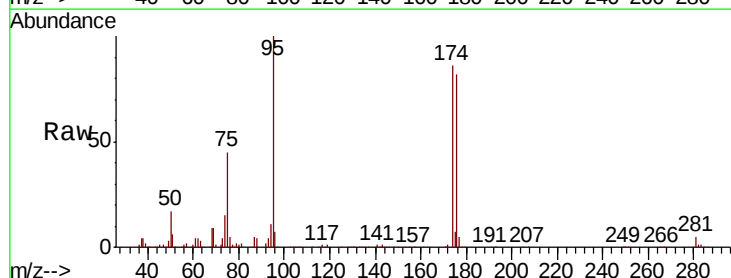
Acq: 24 Oct 2019 02:40

Tgt Ion: 75 Resp: 60701

Ion Ratio Lower Upper

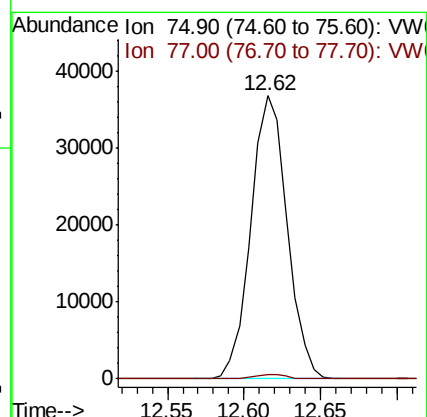
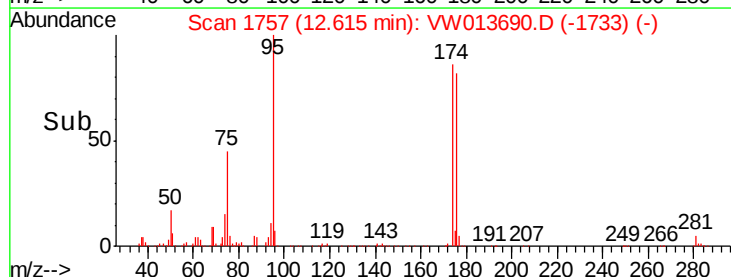
75 100

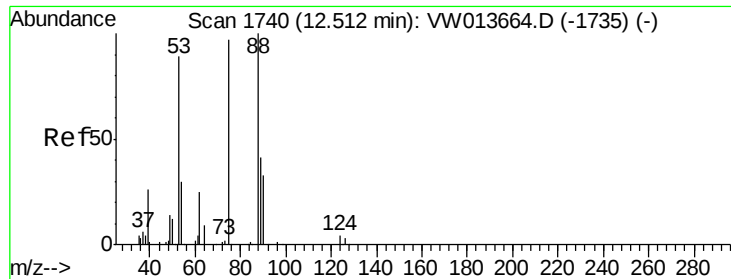
77 1.4 0.0 0.0#



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: 141.564 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013690.D

Acq: 24 Oct 2019 02:40

Instrument :

MSVOA_W

ClientSampleId :

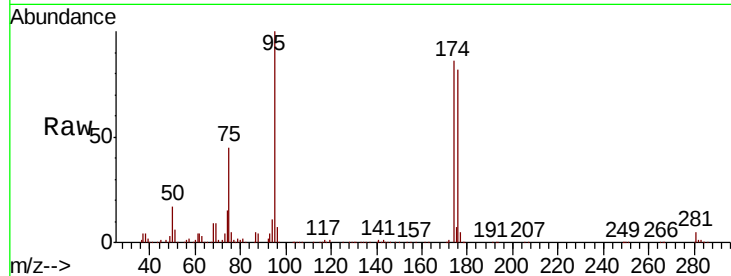
Tot Ion: 75 Resp: 60701

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.3 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

