

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014537.D
 Acq On : 06 Jan 2020 21:10
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 07 02:44:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

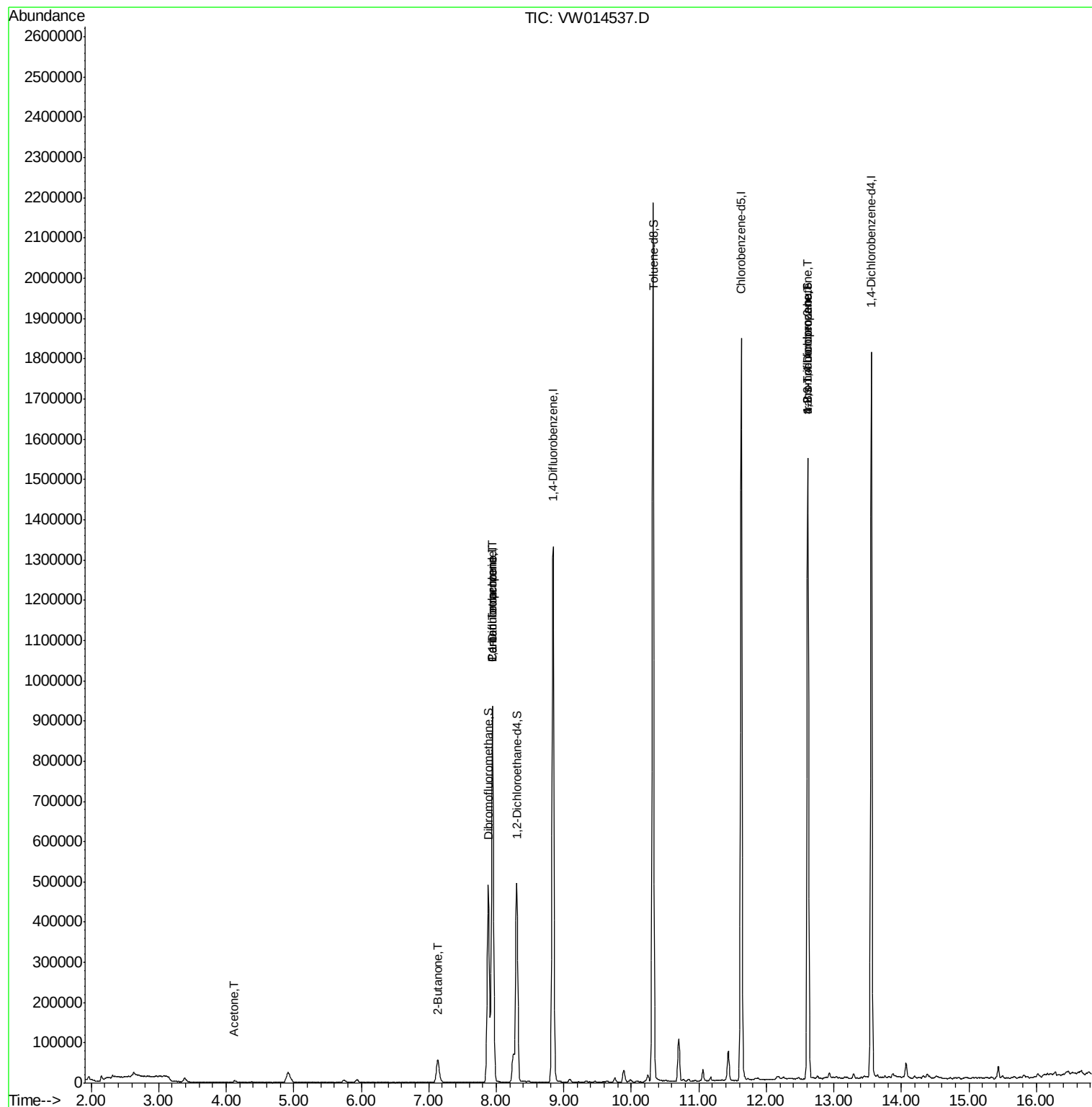
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	747503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1177509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1054861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	507302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	386730	59.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.34%	
35) Dibromofluoromethane	7.88	113	365904	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	10.32	98	1474425	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.61	95	513769	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
Target Compounds						
11) Tert butyl alcohol	5.17	59	2728	Below Cal	#	88
16) Acetone	4.12	43	8524	4.619	ug/l	96
20) Methylene Chloride	4.92	84	22869	Below Cal		93
25) 2-Butanone	7.14	43	3102	1.310	ug/l #	84
36) 1,1-Dichloropropene	7.94	75	52493	4.624	ug/l #	50
38) Carbon Tetrachloride	7.95	117	65352	6.636	ug/l #	17
76) 1,2,3-Trichloropropane	12.61	75	238583	49.741	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	238583	110.826	ug/l #	14

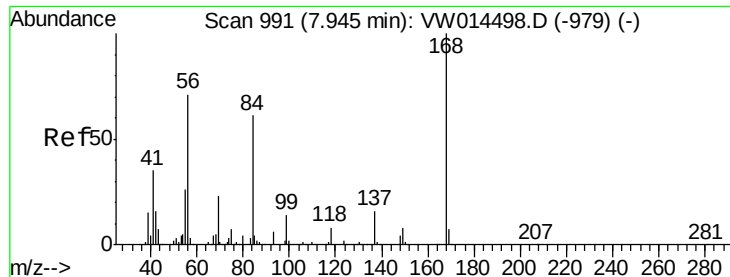
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 03 16:07:20 2020
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: VW014537.D

Acq: 06 Jan 2020 21:10

Instrument :

MSVOA_W

ClientSampled :

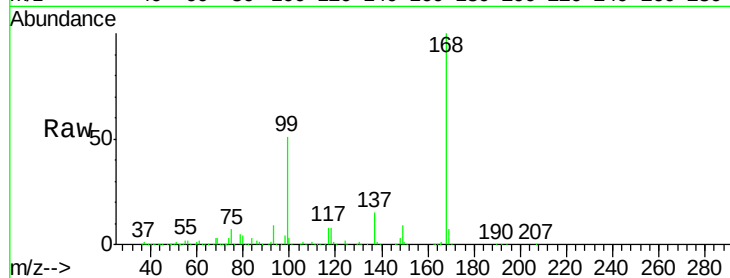
VIBLK

Tgt Ion:168 Resp: 747503

Ion Ratio Lower Upper

168 100

99 51.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

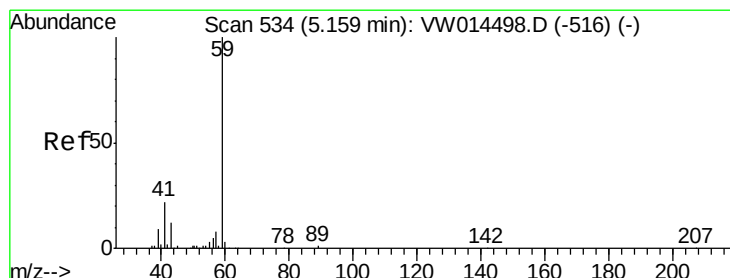
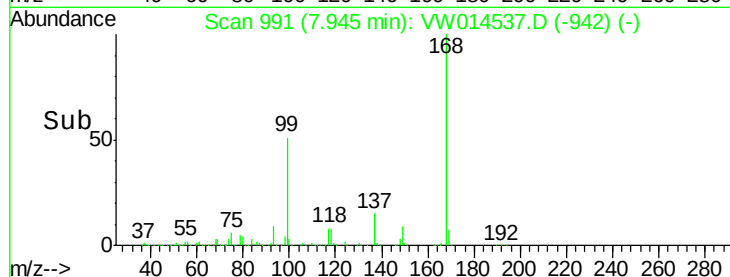
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW014537.D

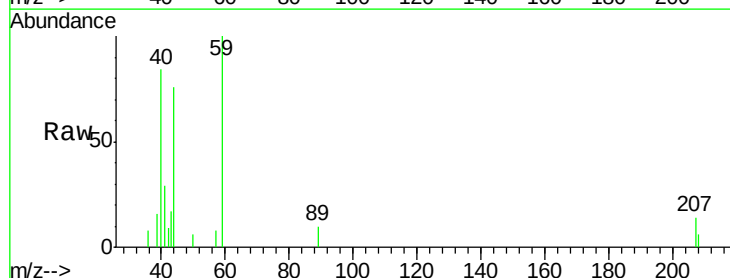
Acq: 06 Jan 2020 21:10

Tgt Ion: 59 Resp: 2728

Ion Ratio Lower Upper

59 100

57 5.2 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

1000

800

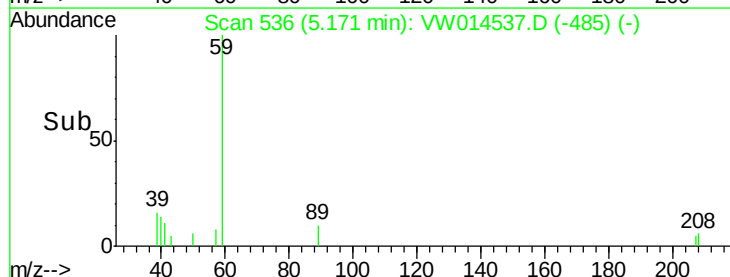
600

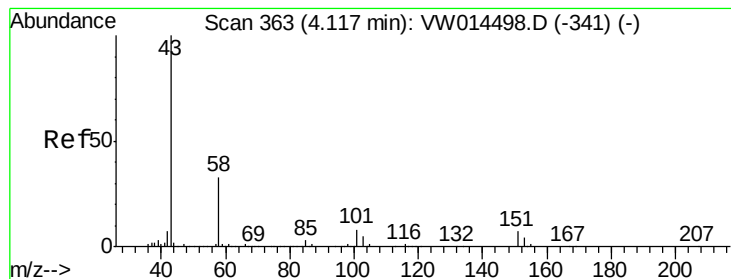
400

200

0

Time--> 5.00 5.10 5.20





#16

Acetone

Concen: 4.619 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

Instrument :

MSVOA_W

ClientSampleId :

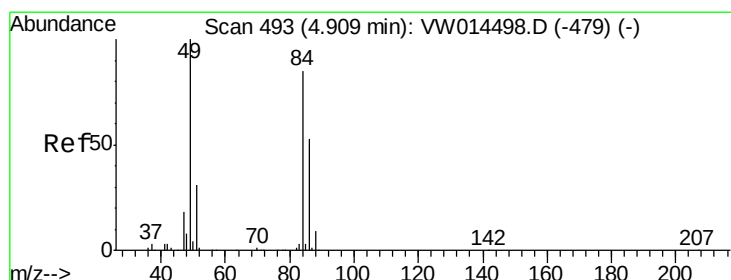
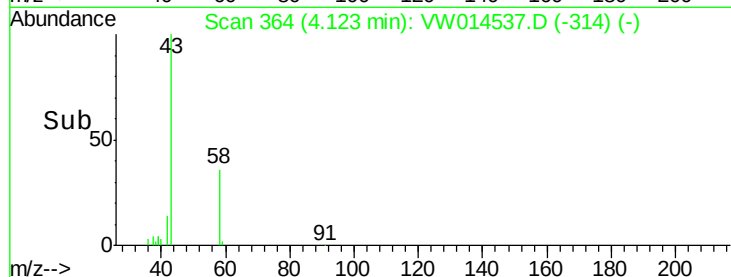
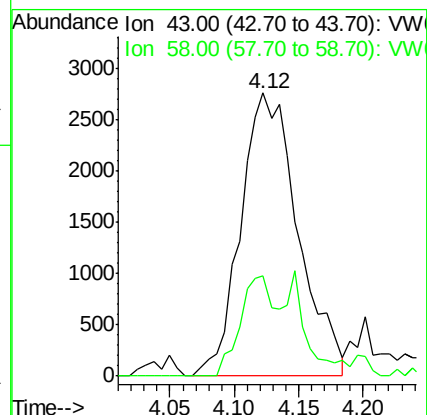
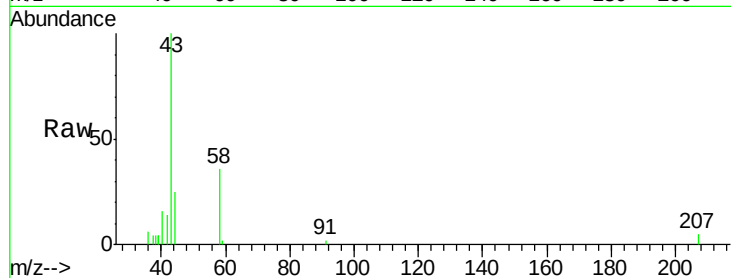
VIBLK

Tgt Ion: 43 Resp: 8524

Ion Ratio Lower Upper

43 100

58 35.7 26.6 39.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

Tgt Ion: 84 Resp: 22869

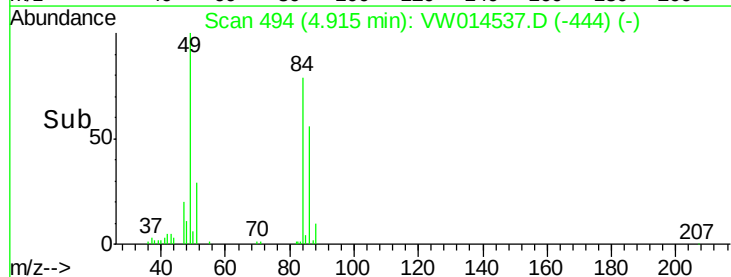
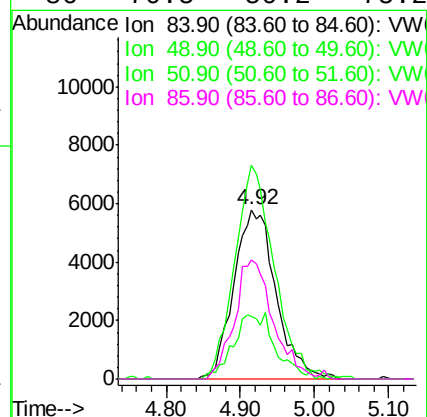
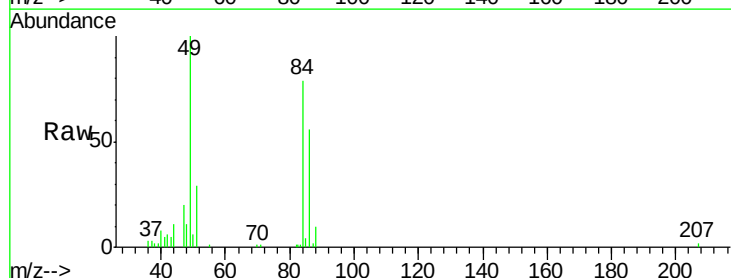
Ion Ratio Lower Upper

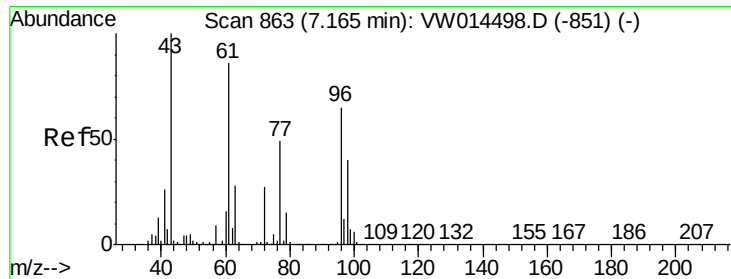
84 100

49 126.1 94.4 141.6

51 37.0 29.5 44.3

86 70.5 50.2 75.2

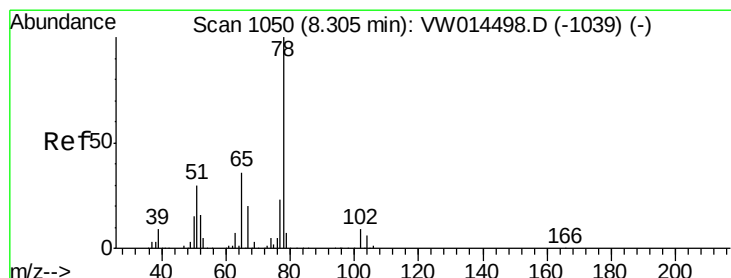
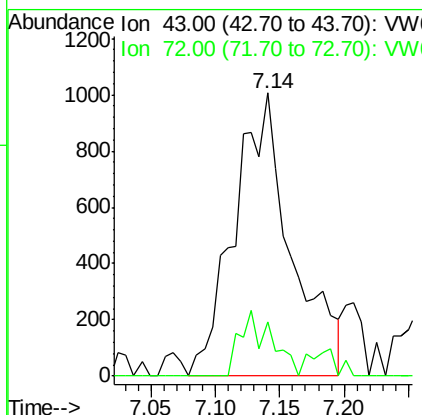
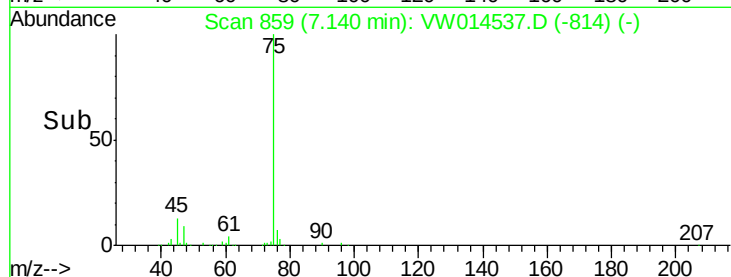
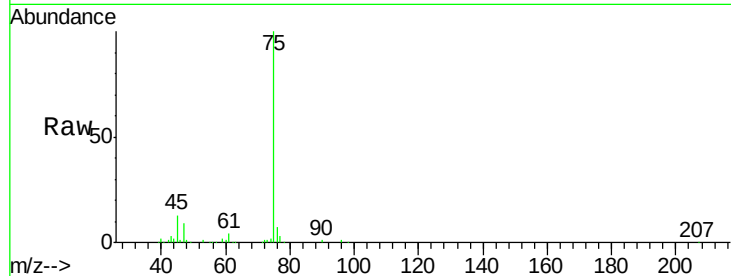




#25
 2-Butanone
 Concen: 1.310 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW014537.D
 Acq: 06 Jan 2020 21:10

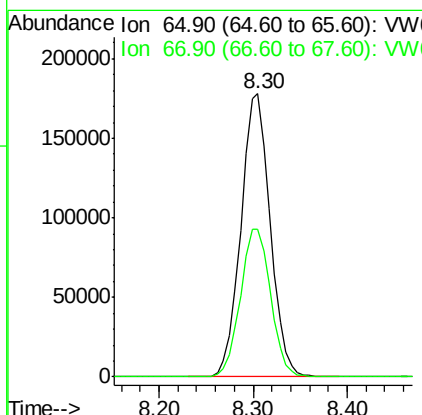
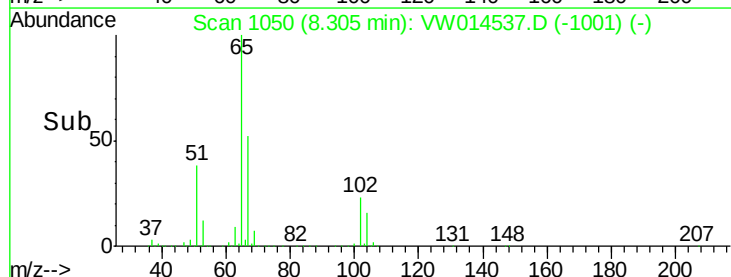
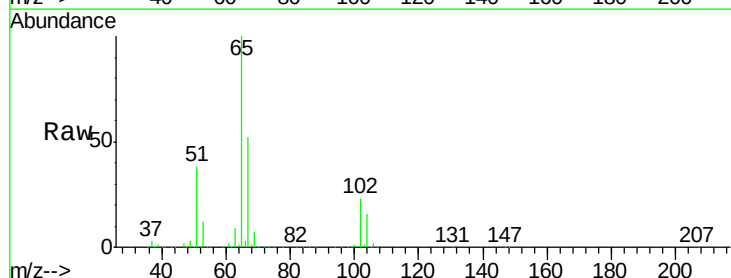
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK

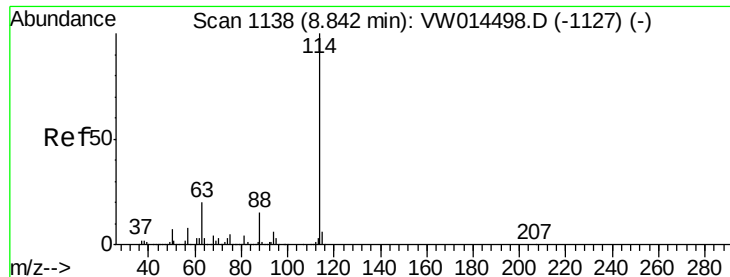
Tgt Ion: 43 Resp: 3102
 Ion Ratio Lower Upper
 43 100
 72 19.0 21.9 32.9#



#33
 1,2-Dichloroethane-d4
 Concen: 59.173 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW014537.D
 Acq: 06 Jan 2020 21:10

Tgt Ion: 65 Resp: 386730
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.4

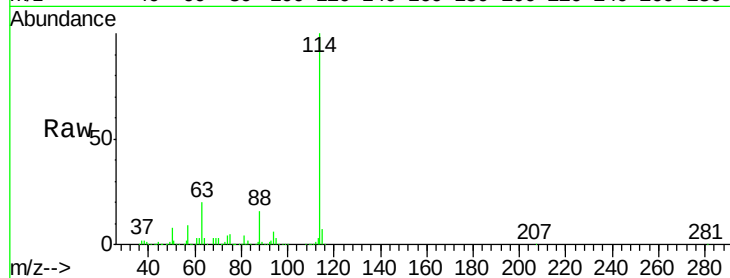




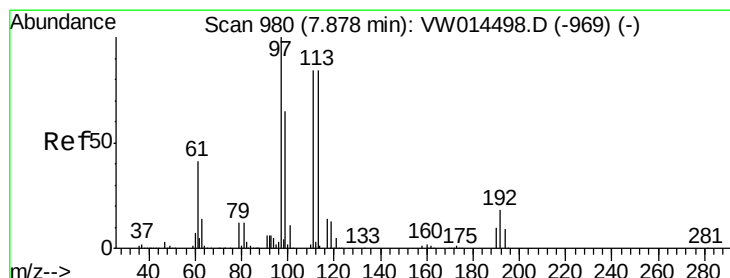
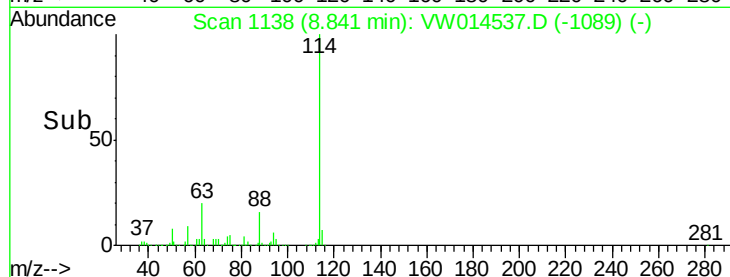
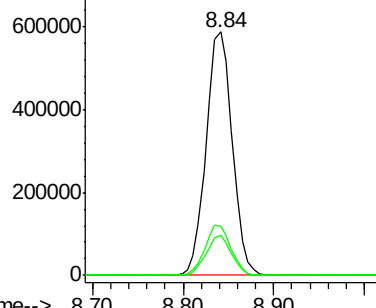
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014537.D
 Acq: 06 Jan 2020 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Tgt Ion:114 Resp: 1177509
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.4
 88 16.4 0.0 30.6

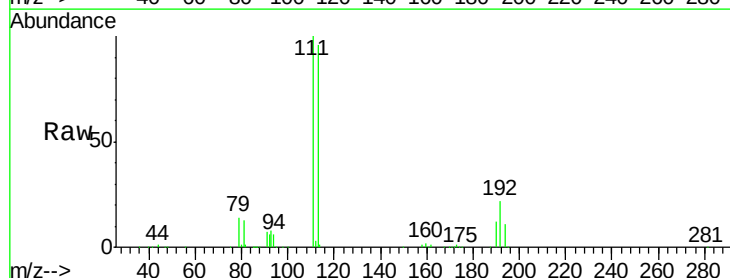


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

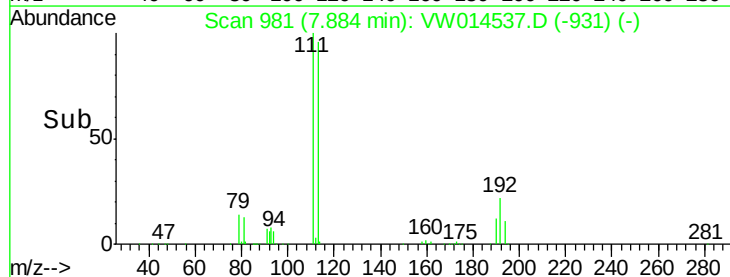
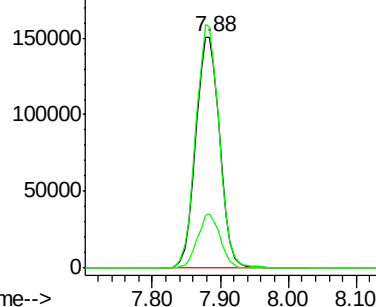


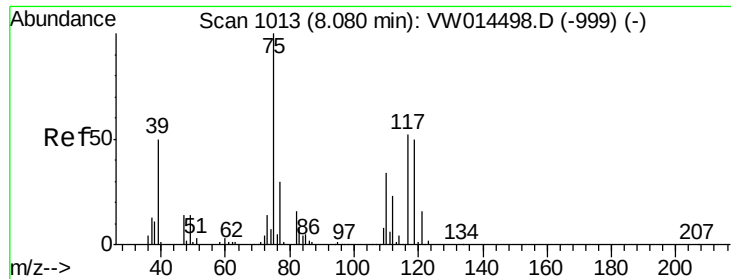
#35
 Dibromofluoromethane
 Concen: 54.372 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014537.D
 Acq: 06 Jan 2020 21:10

Tgt Ion:113 Resp: 365904
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.2
 192 22.2 17.8 26.8



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

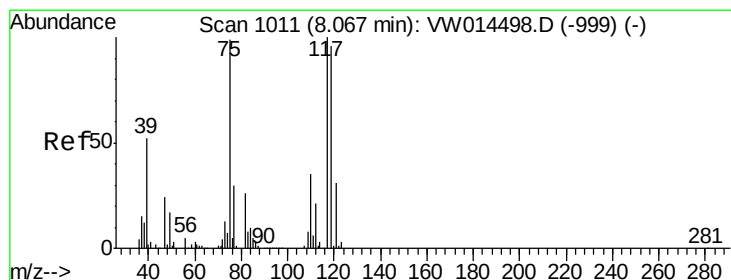
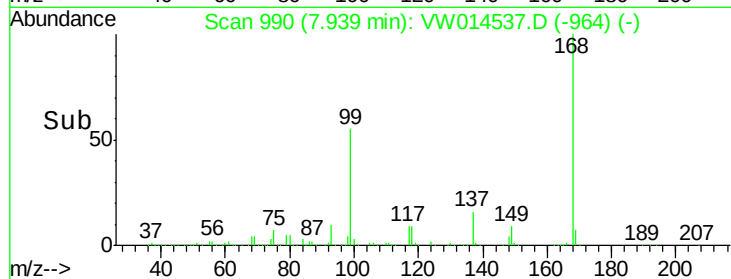
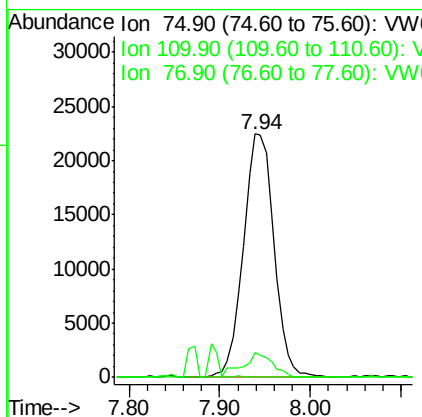
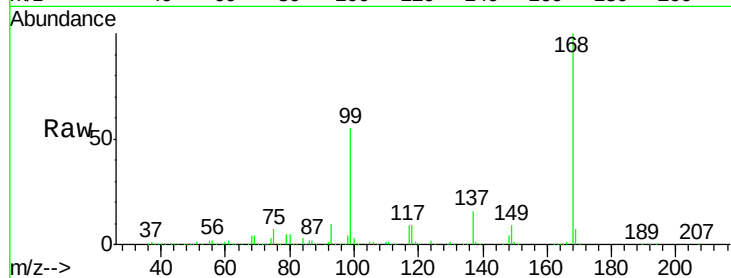




#36
 1,1-Dichloropropene
 Concen: 4.624 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014537.D
 Acq: 06 Jan 2020 21:10

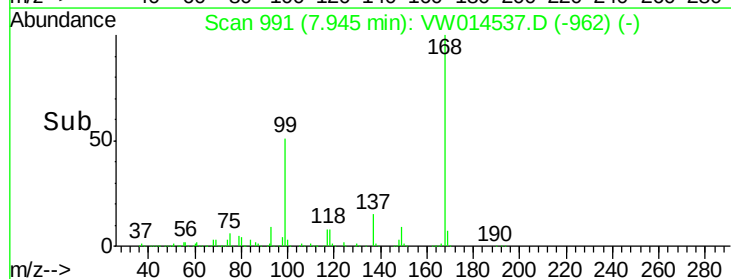
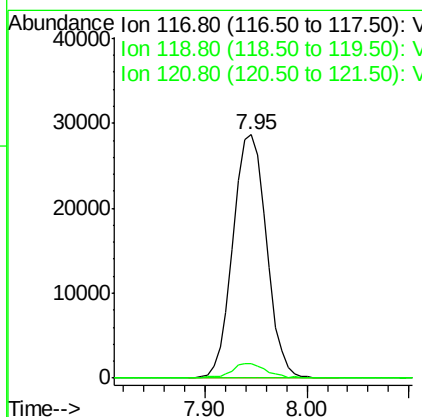
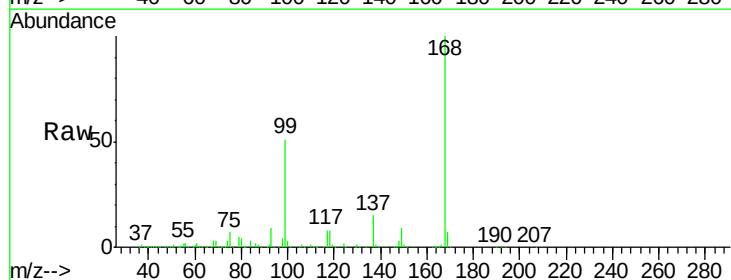
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

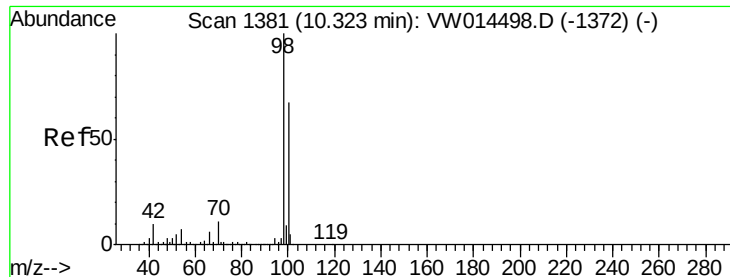
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.8	53.5#
77	0.2	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.636 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014537.D
 Acq: 06 Jan 2020 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.0	115.6#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 52.499 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

Instrument :

MSVOA_W

ClientSampleId :

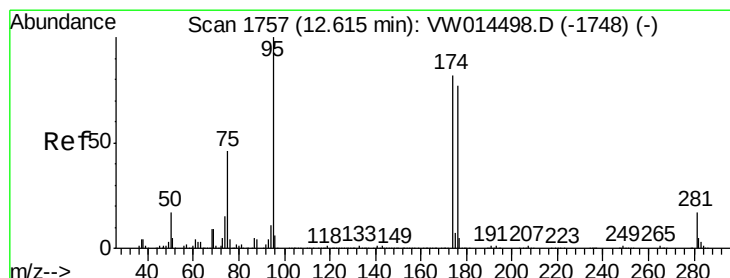
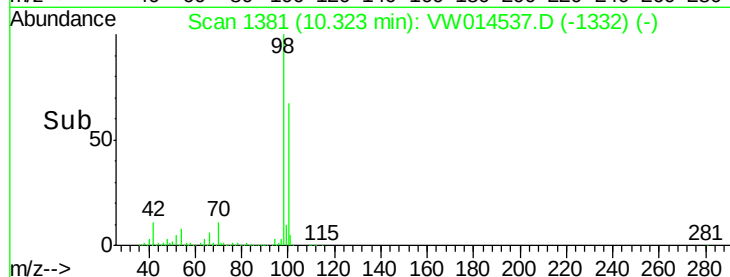
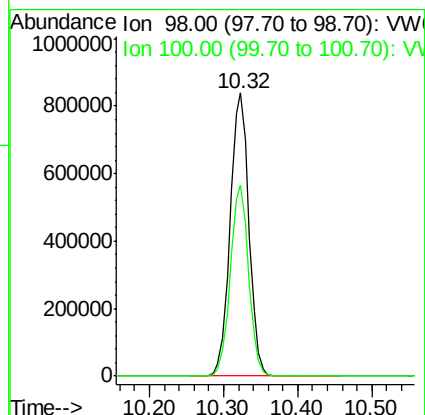
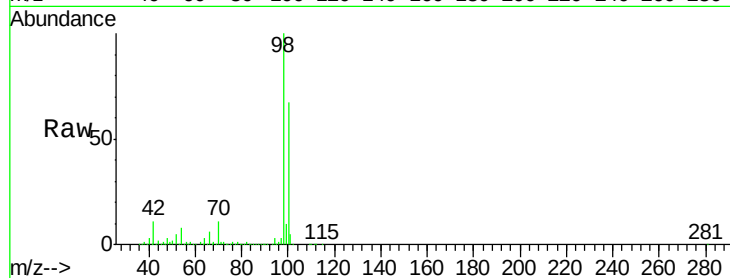
VIBLK

Tgt Ion: 98 Resp: 1474425

Ion Ratio Lower Upper

98 100

100 66.0 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 53.934 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

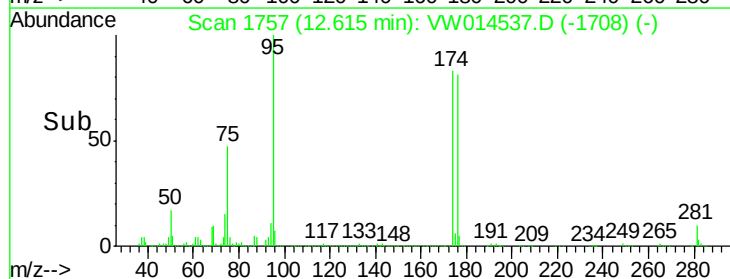
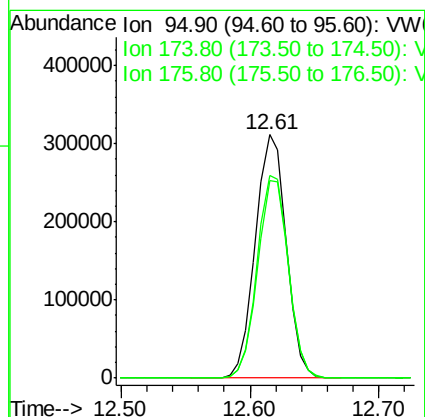
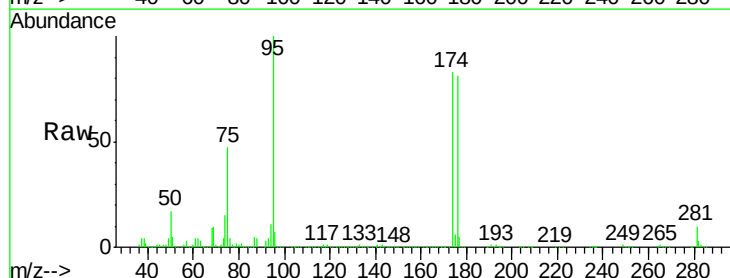
Tgt Ion: 95 Resp: 513769

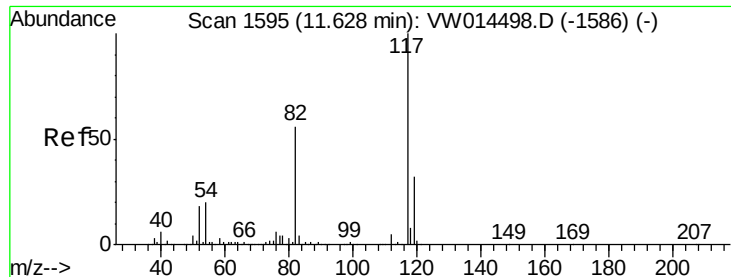
Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.6

176 81.4 0.0 162.0

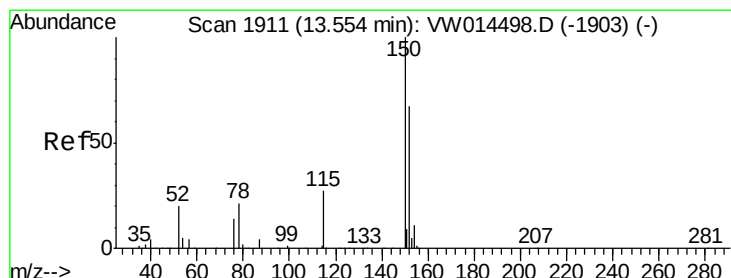
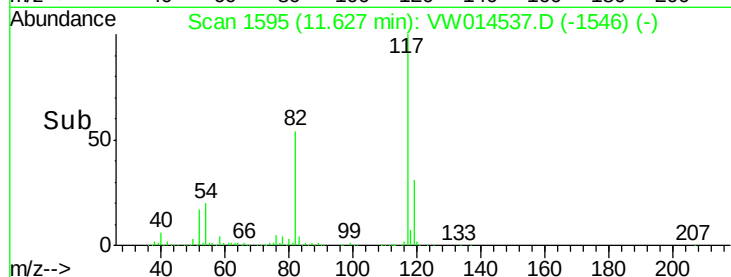
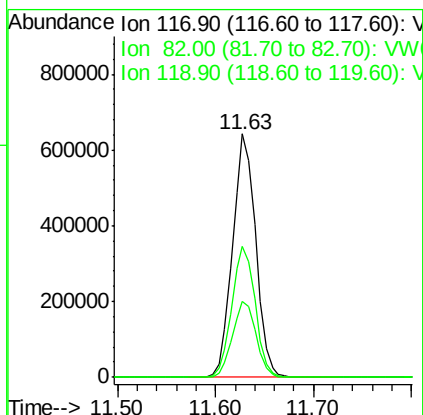
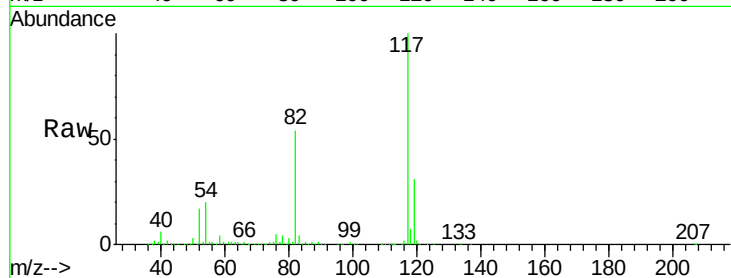




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014537.D
Acq: 06 Jan 2020 21:10

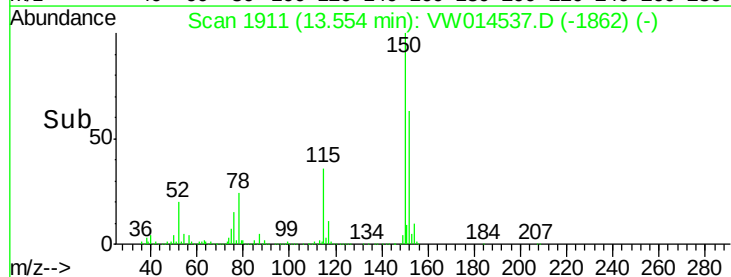
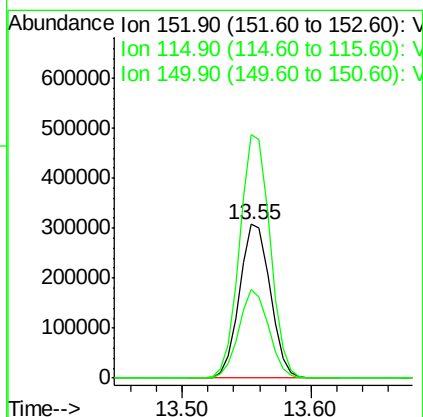
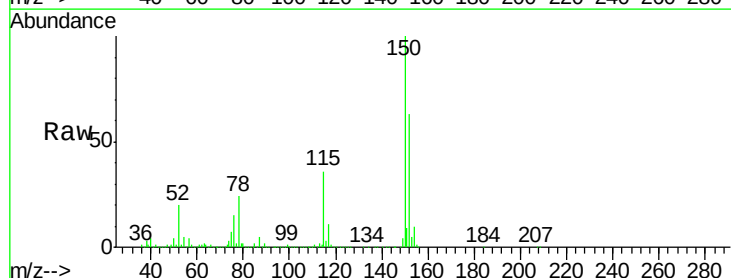
Instrument :
MSVOA_W
ClientSampled :
VIBLK

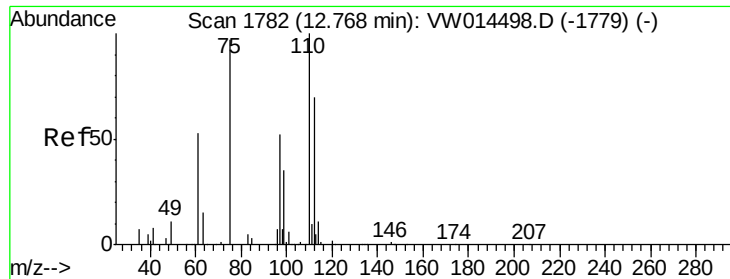
Tgt Ion:117 Resp: 1054861
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014537.D
Acq: 06 Jan 2020 21:10

Tgt Ion:152 Resp: 507302
Ion Ratio Lower Upper
152 100
115 55.9 27.7 83.1
150 156.7 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 49.741 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

Instrument :

MSVOA_W

ClientSampleId :

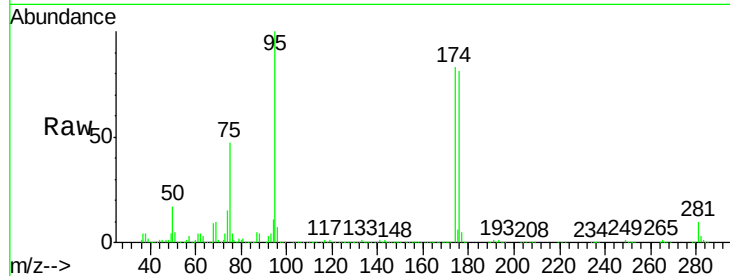
VIBLK

Tgt Ion: 75 Resp: 238583

Ion Ratio Lower Upper

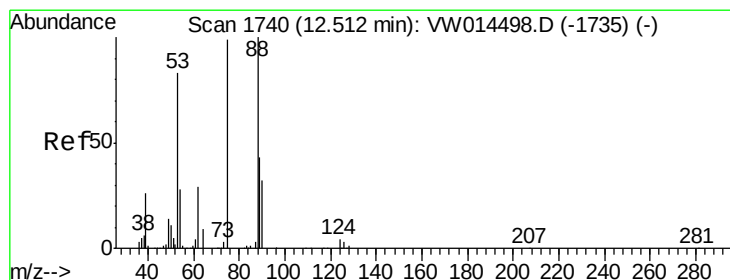
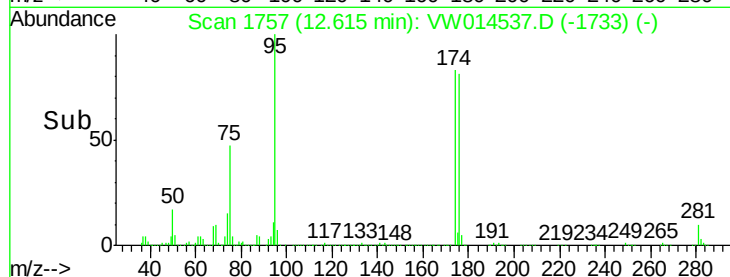
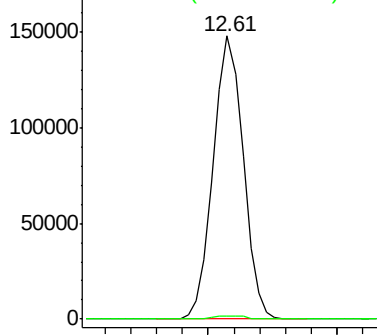
75 100

77 1.6 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: 110.826 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014537.D

Acq: 06 Jan 2020 21:10

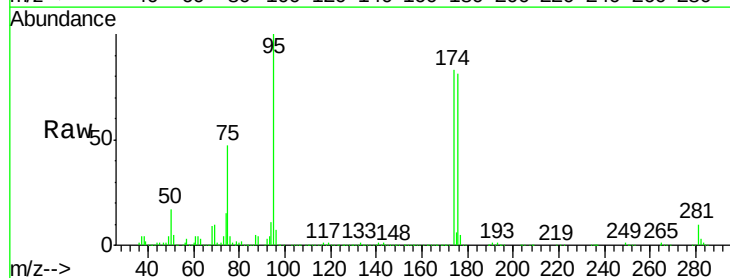
Tgt Ion: 75 Resp: 238583

Ion Ratio Lower Upper

75 100

53 0.2 70.9 106.3#

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

