

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014580.D
 Acq On : 09 Jan 2020 14:17
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 15:34:35 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

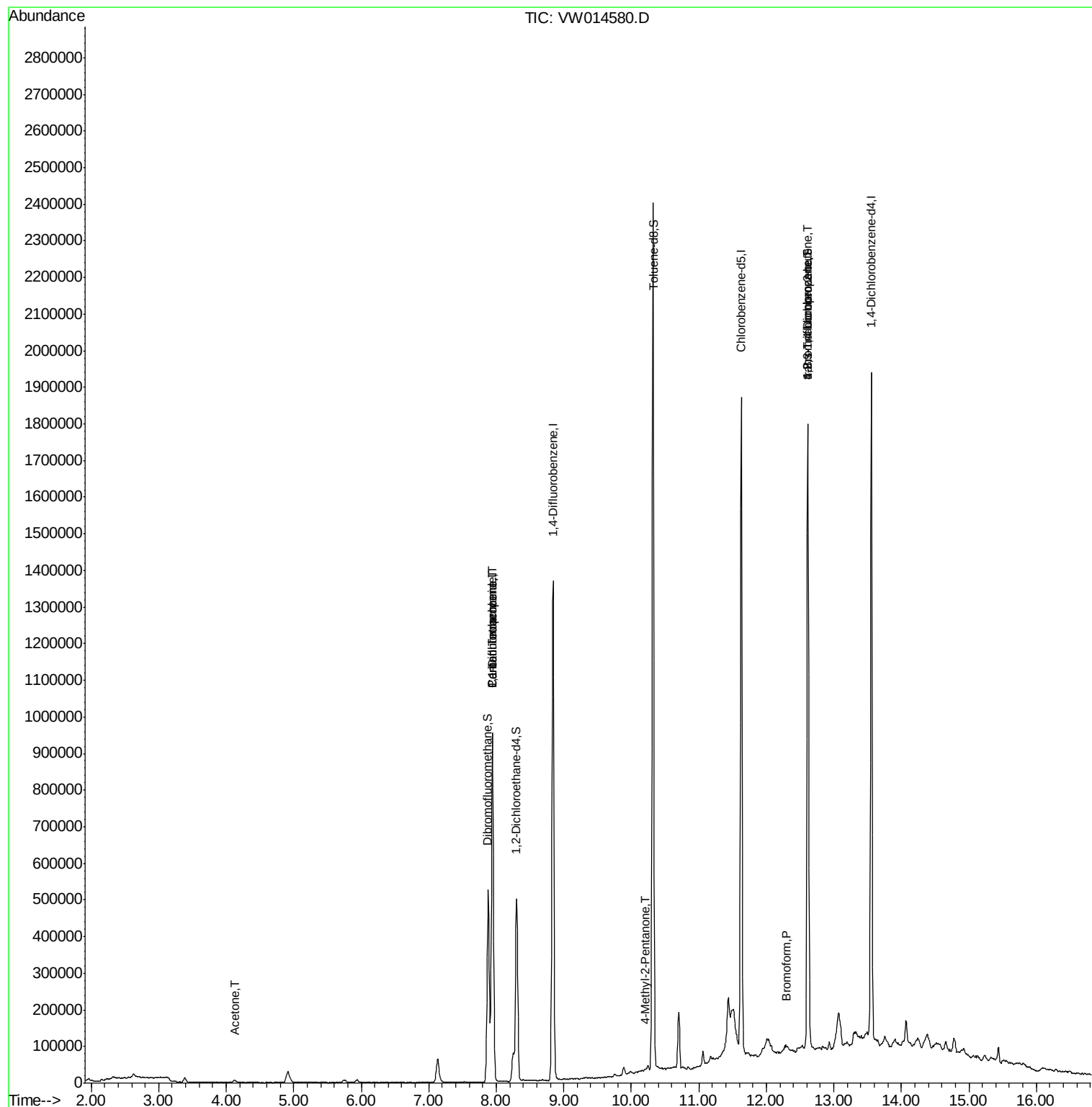
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	786177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1205977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1060098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	507100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	389643	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
35) Dibromofluoromethane	7.88	113	388813	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
50) Toluene-d8	10.32	98	1619940	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
62) 4-Bromofluorobenzene	12.62	95	563810	57.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.58%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.16	59	2914	Below Cal	#	80
16) Acetone	4.12	43	12427	6.403	ug/l	99
20) Methylene Chloride	4.91	84	25873	Below Cal		96
36) 1,1-Dichloropropene	7.95	75	54559	4.693	ug/l #	49
38) Carbon Tetrachloride	7.95	117	69255	6.866	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	5716	1.150	ug/l #	85
71) Bromoform	12.30	173	4596	1.152	ug/l #	28
76) 1,2,3-Trichloropropane	12.62	75	259506	54.125	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	259506	120.593	ug/l #	14

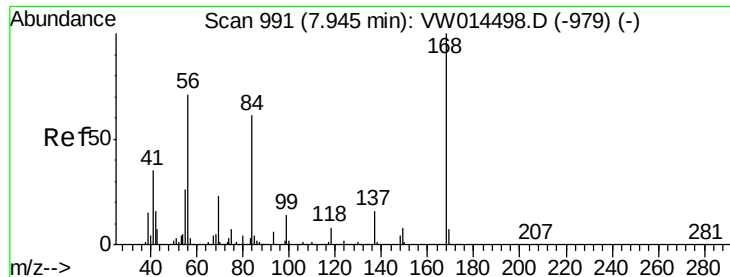
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jan 09 15:34:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
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: VW014580.D

Acq: 09 Jan 2020 14:17

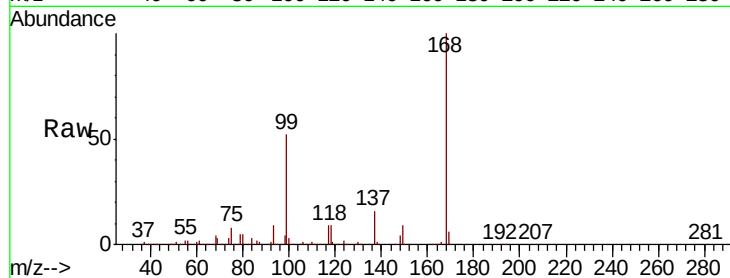
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 786177

Ion Ratio Lower Upper

168 100

99 52.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

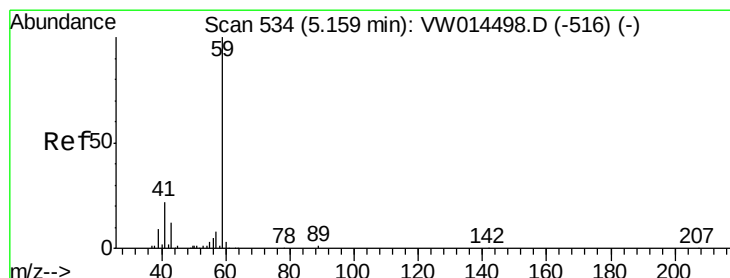
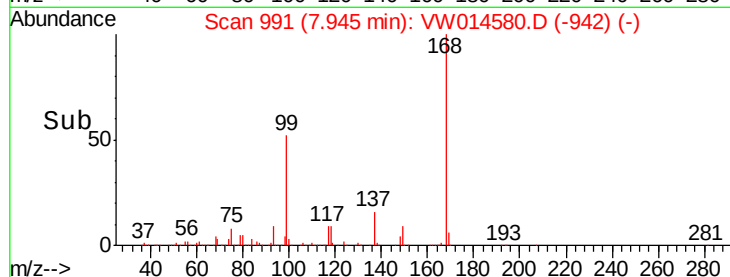
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014580.D

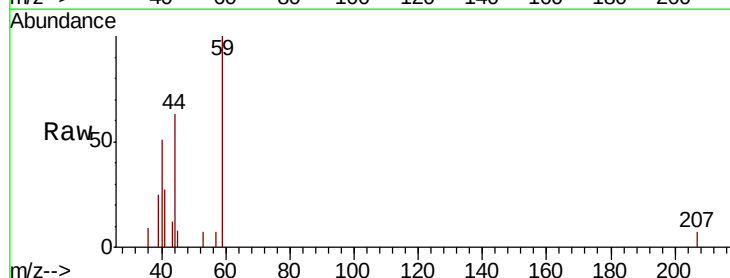
Acq: 09 Jan 2020 14:17

Tgt Ion: 59 Resp: 2914

Ion Ratio Lower Upper

59 100

57 2.4 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

1000

800

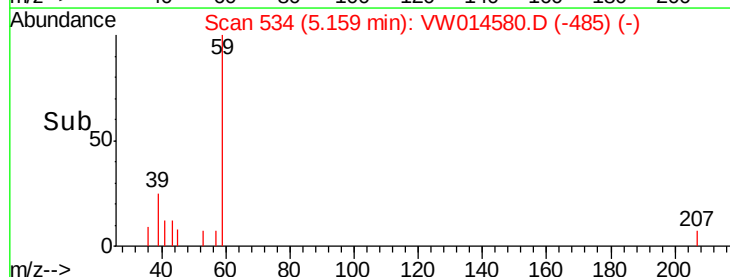
600

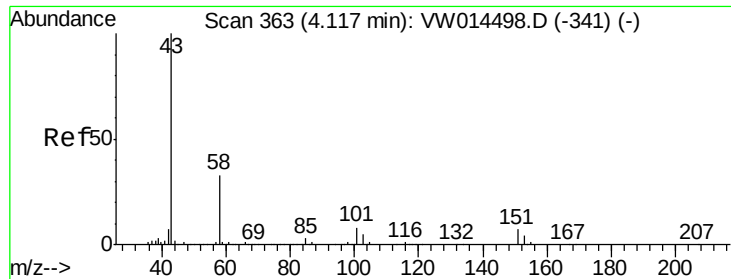
400

200

0

Time--> 5.10 5.20





#16

Acetone

Concen: 6.403 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

Instrument :

MSVOA_W

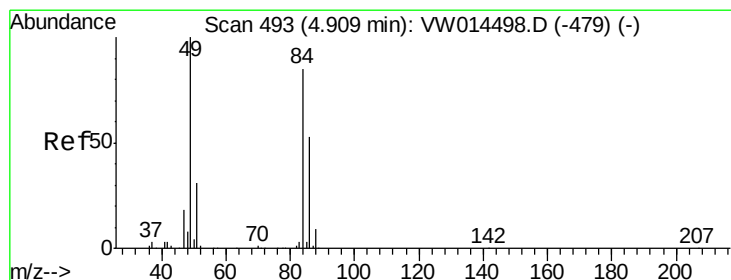
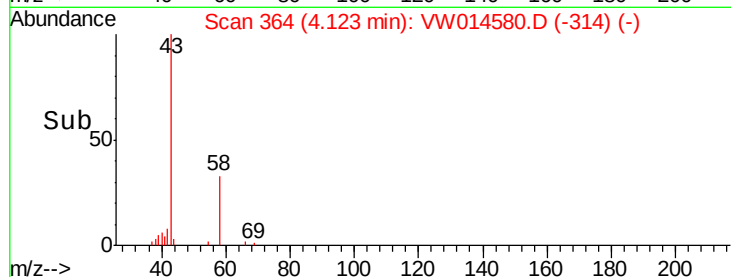
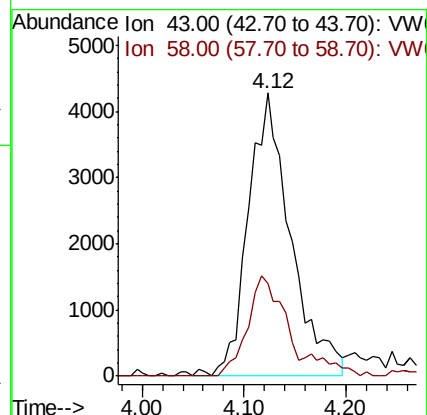
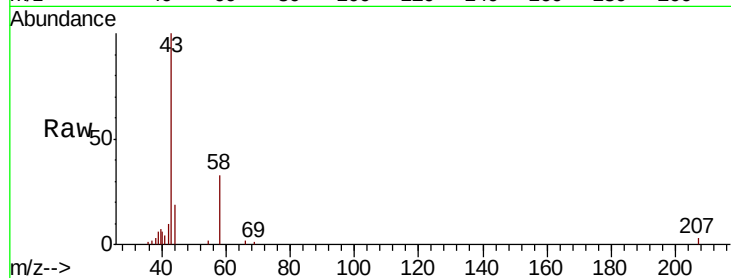
ClientSampleId :

Tot Ion: 43 Resp: 12427

Ion Ratio Lower Upper

43 100

58 32.7 26.6 39.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

Tgt Ion: 84 Resp: 25873

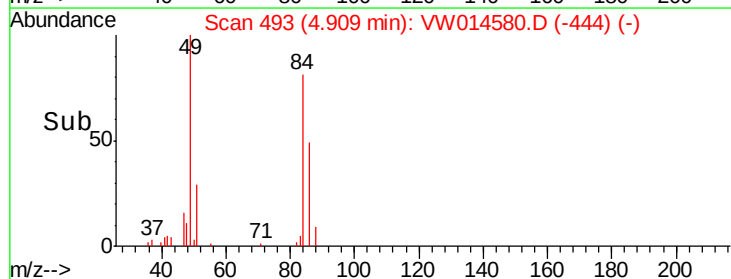
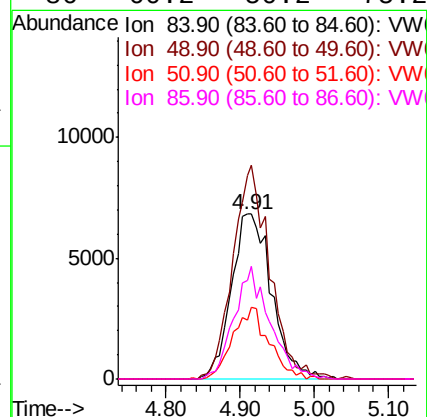
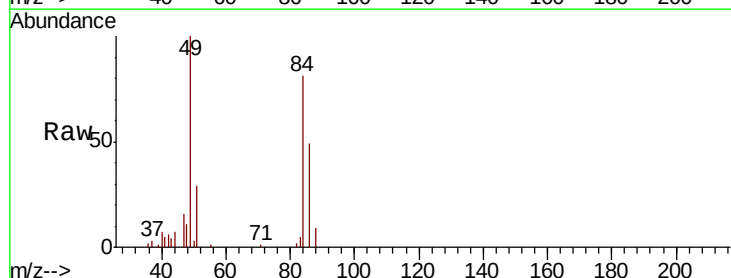
Ion Ratio Lower Upper

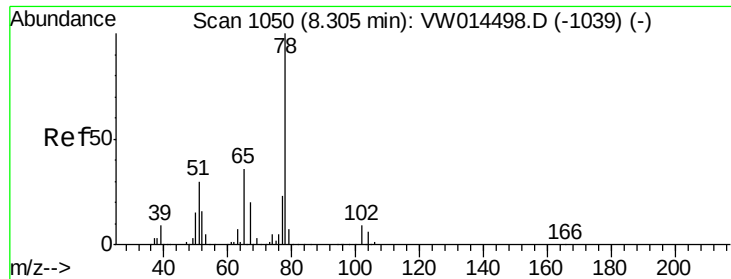
84 100

49 123.7 94.4 141.6

51 35.5 29.5 44.3

86 60.2 50.2 75.2

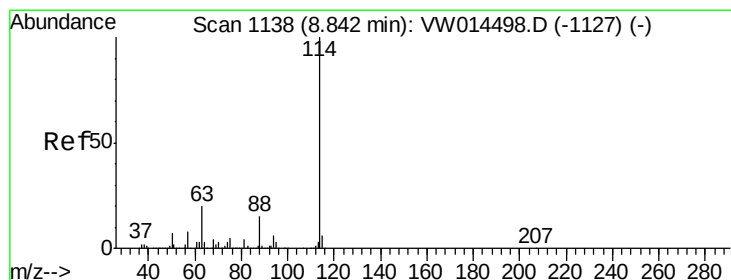
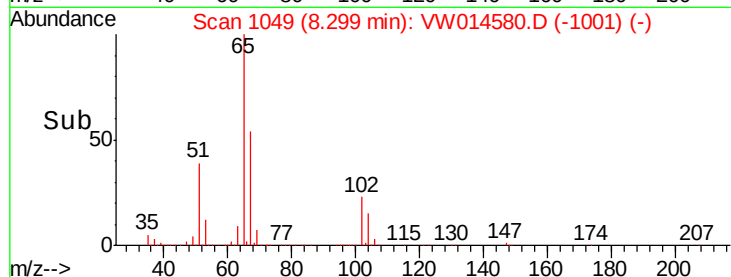
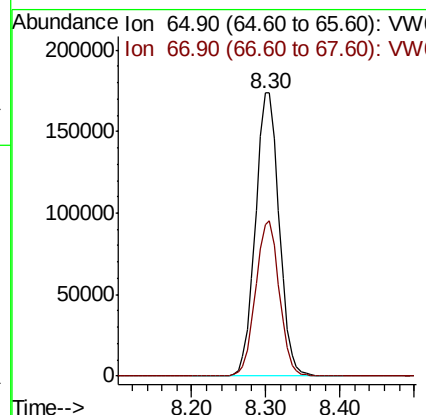
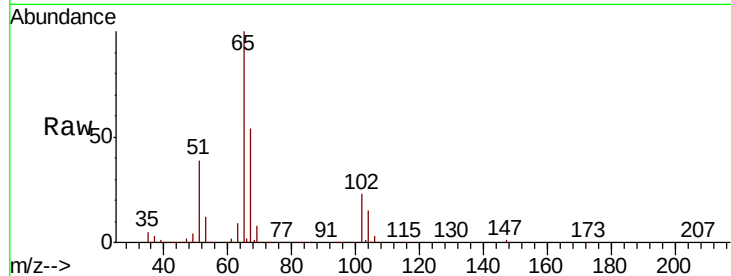




#33
 1,2-Dichloroethane-d4
 Concen: 56.686 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014580.D
 Acq: 09 Jan 2020 14:17

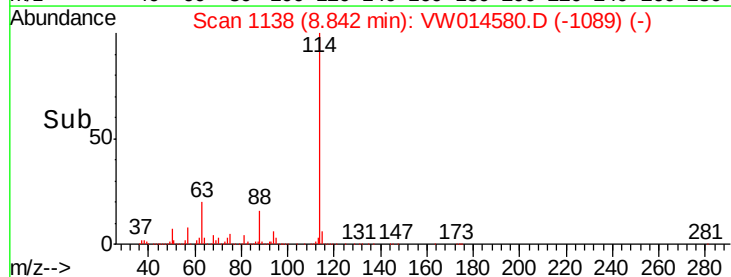
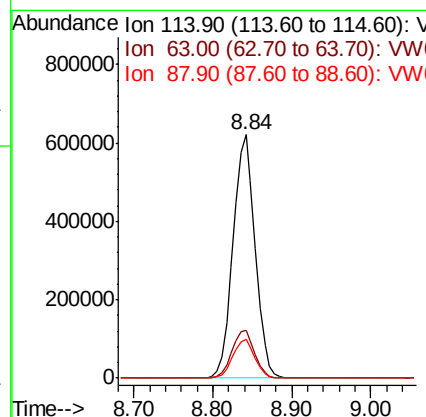
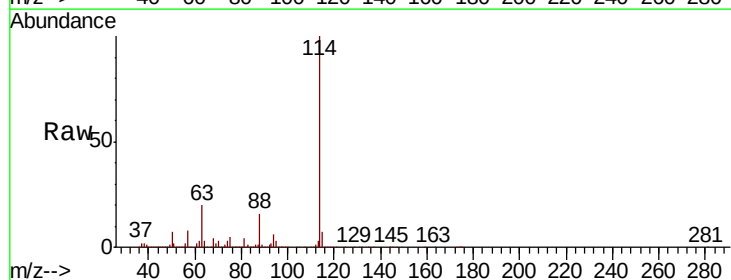
Instrument :
 MSVOA_W
 ClientSampleId :

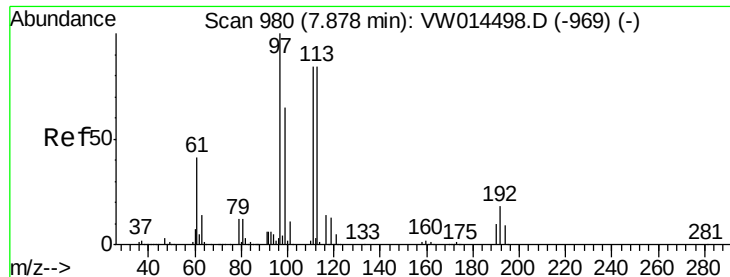
Tot Ion: 65 Resp: 389643
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014580.D
 Acq: 09 Jan 2020 14:17

Tgt Ion: 114 Resp: 1205977
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.4
 88 15.8 0.0 30.6

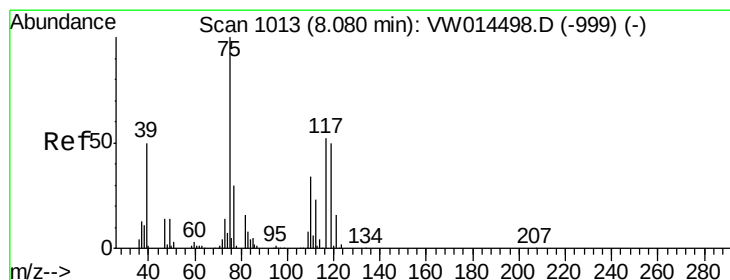
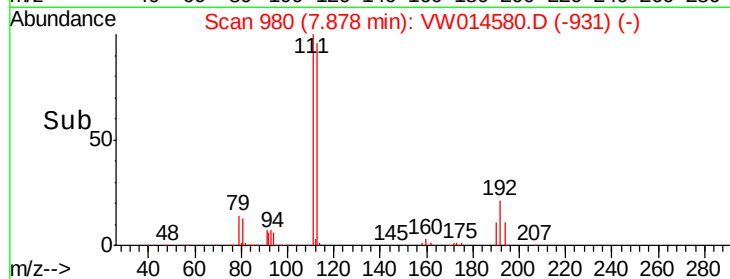
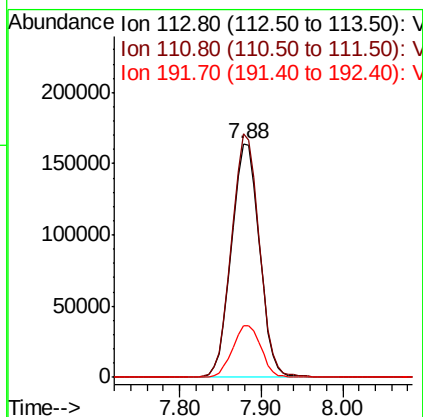
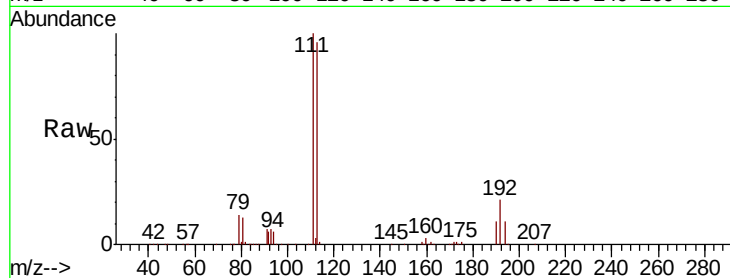




#35
 Dibromofluoromethane
 Concen: 56.412 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014580.D
 Acq: 09 Jan 2020 14:17

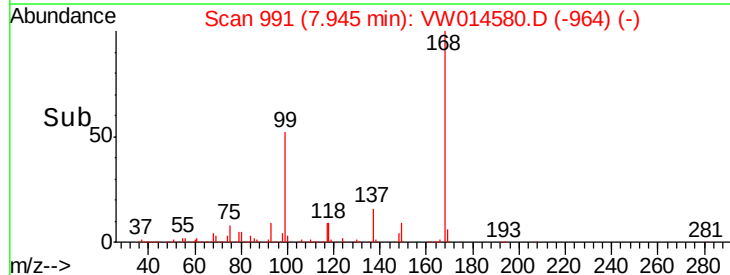
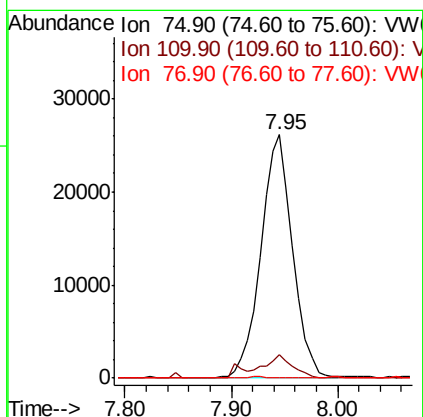
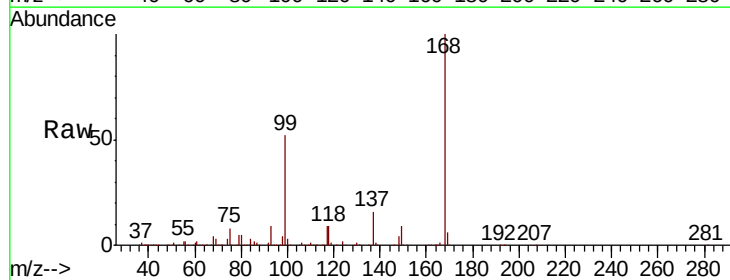
Instrument :
 MSVOA_W
 ClientSampleId :

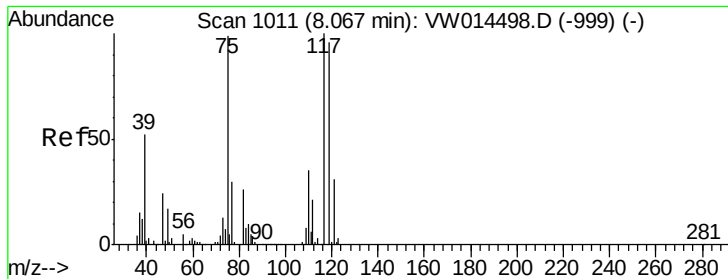
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.693 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014580.D
 Acq: 09 Jan 2020 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.1	24.7	37.1#

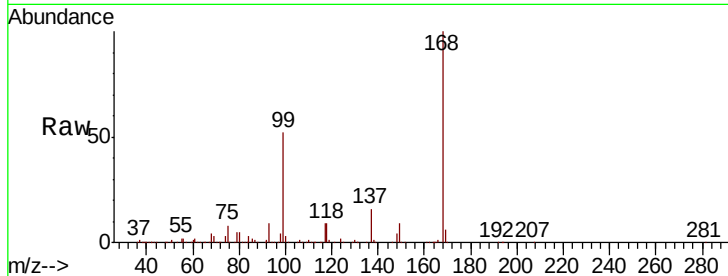




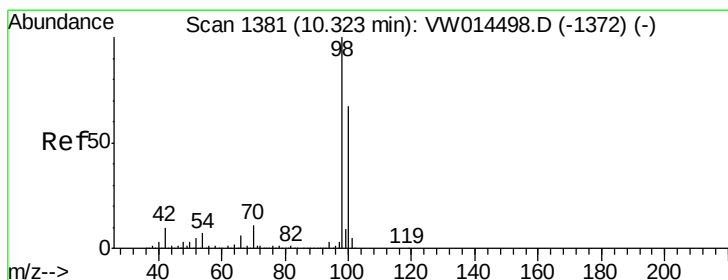
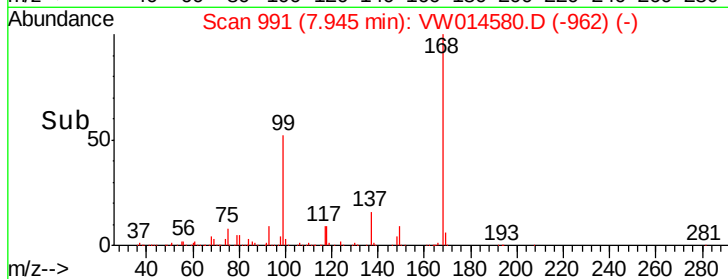
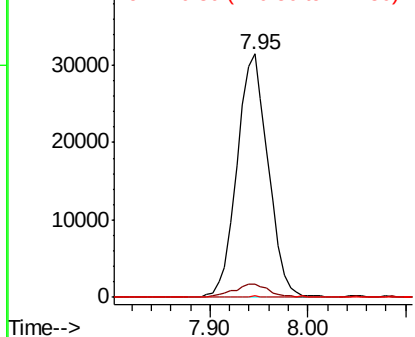
#38
Carbon Tetrachloride
Concen: 6.866 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014580.D
Acq: 09 Jan 2020 14:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 69255
Ion Ratio Lower Upper
117 100
119 5.6 77.0 115.6#
121 0.4 24.6 36.8#

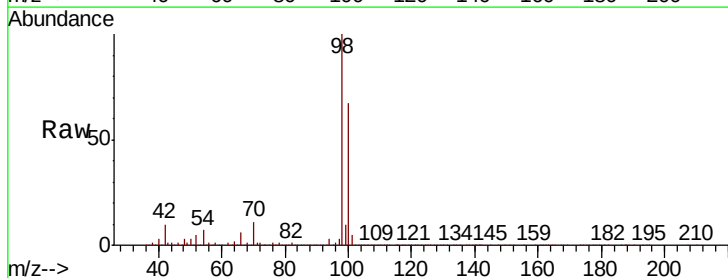


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

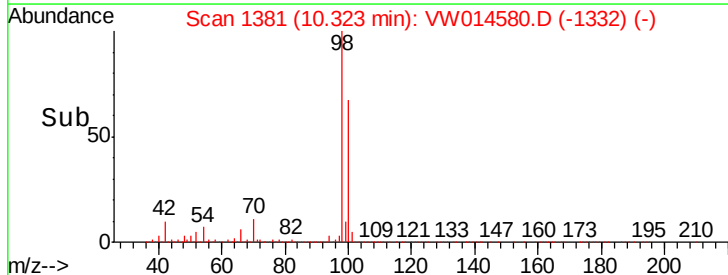
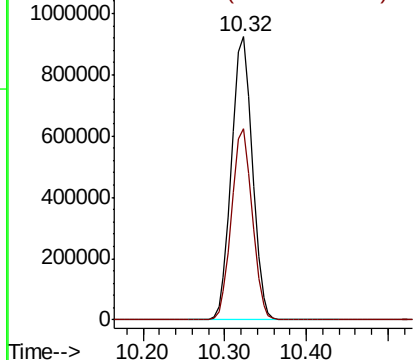


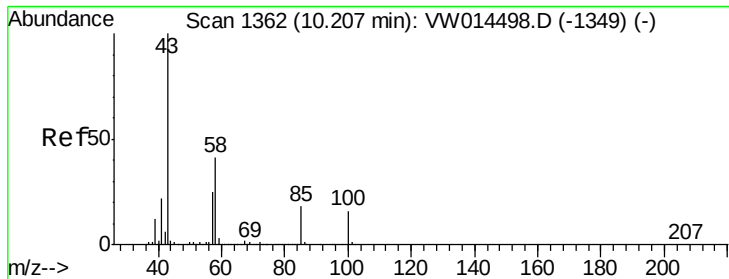
#50
Toluene-d8
Concen: 56.319 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014580.D
Acq: 09 Jan 2020 14:17

Tgt Ion: 98 Resp: 1619940
Ion Ratio Lower Upper
98 100
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.150 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

Instrument :

MSVOA_W

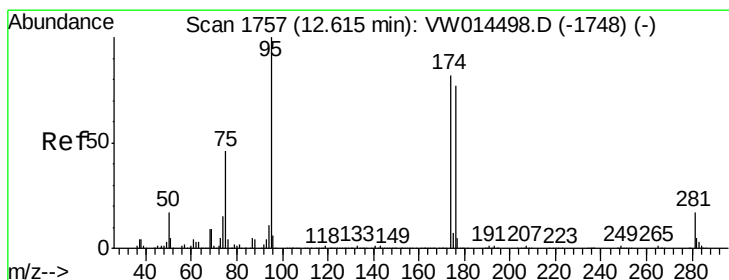
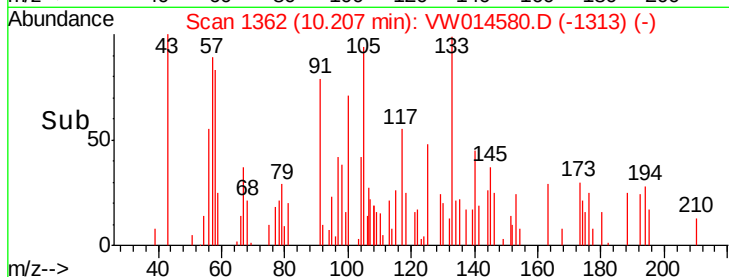
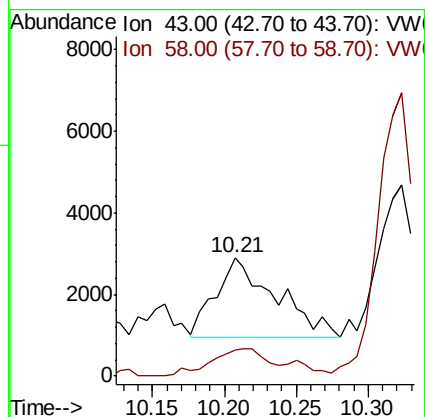
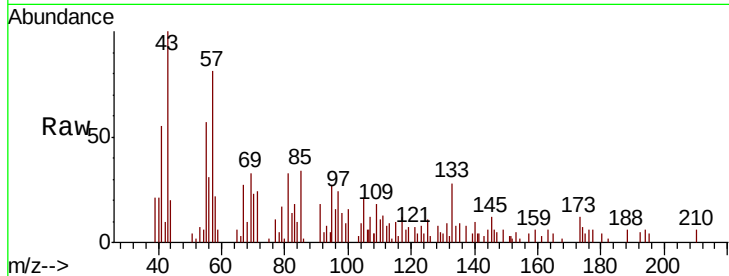
ClientSampleID :

Tot Ion: 43 Resp: 5716

Ion Ratio Lower Upper

43 100

58 31.6 32.7 49.1#



#62

4-Bromofluorobenzene

Concen: 57.790 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

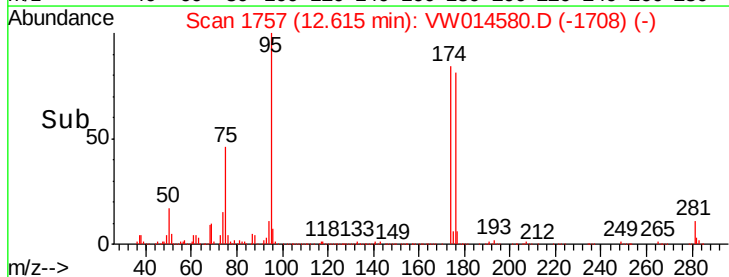
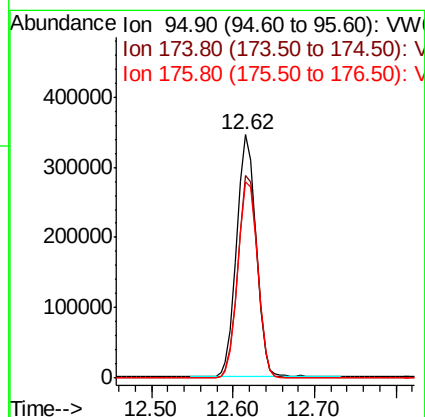
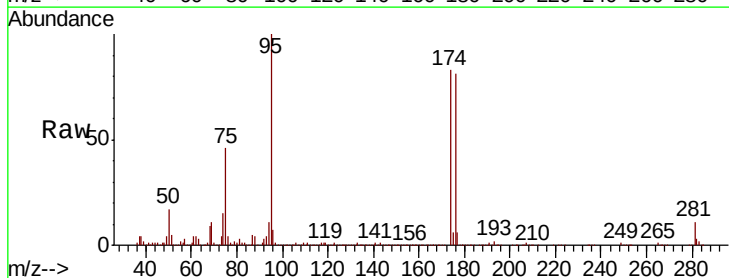
Tgt Ion: 95 Resp: 563810

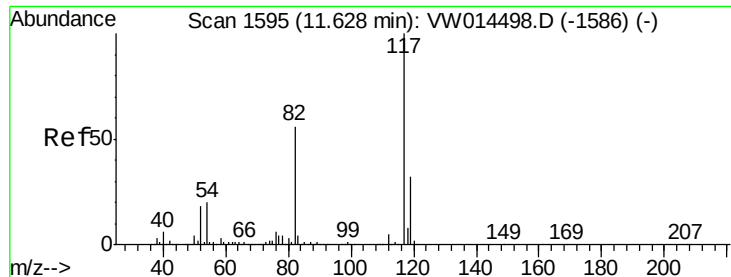
Ion Ratio Lower Upper

95 100

174 84.7 0.0 168.6

176 82.1 0.0 162.0

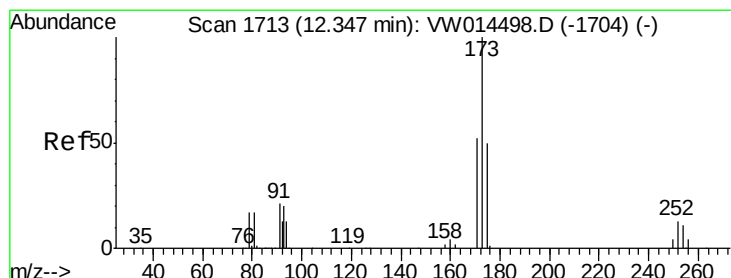
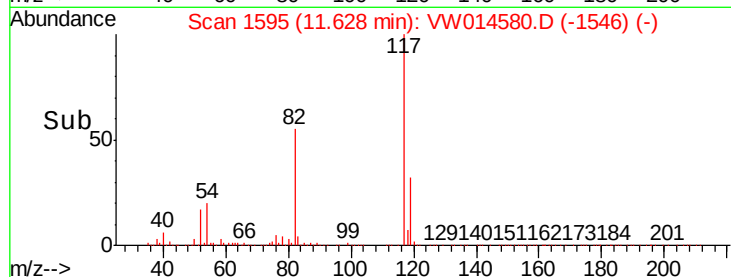
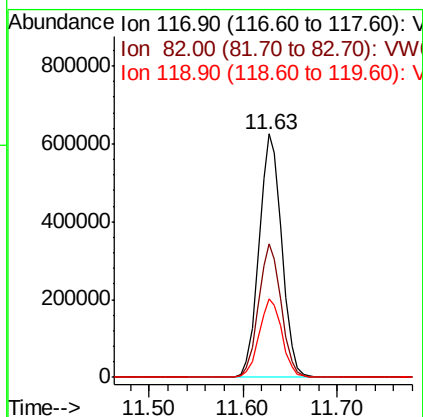
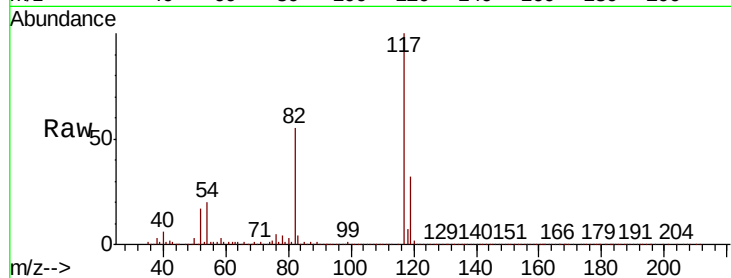




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014580.D
Acq: 09 Jan 2020 14:17

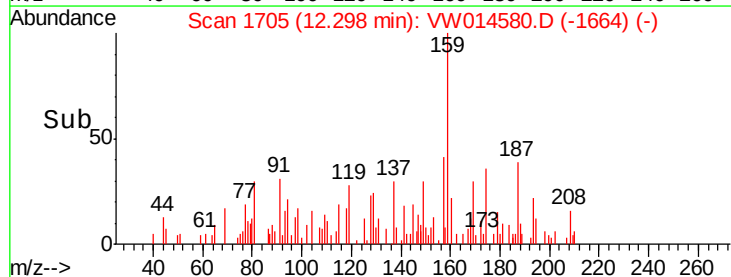
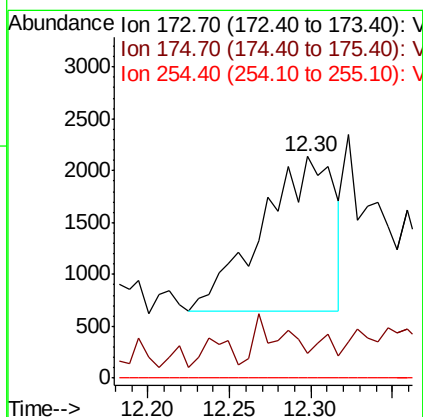
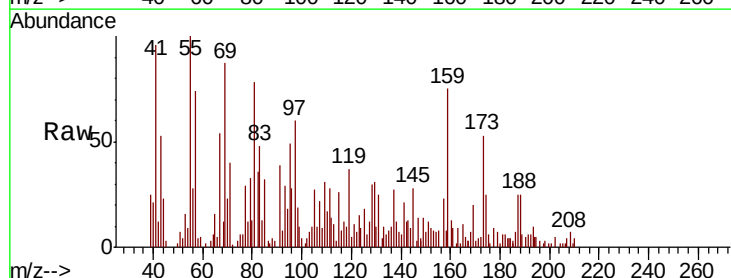
Instrument :
MSVOA_W
ClientSampled :

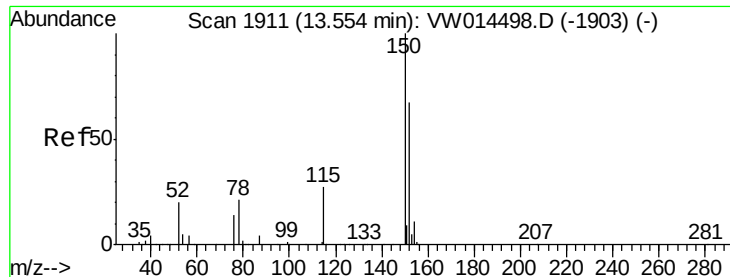
Tot Ion:117 Resp: 1060098
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 32.0 25.7 38.5



#71
Bromoform
Concen: 1.152 ug/l
RT: 12.30 min Scan# 1705
Delta R.T. -0.05 min
Lab File: VW014580.D
Acq: 09 Jan 2020 14:17

Tgt Ion:173 Resp: 4596
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

Instrument :

MSVOA_W

ClientSampleId :

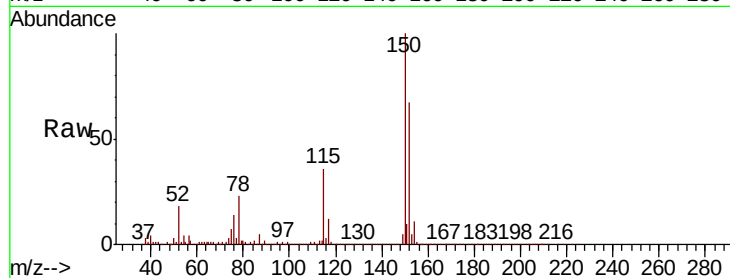
Tot Ion:152 Resp: 507100

Ion Ratio Lower Upper

152 100

115 56.8 27.7 83.1

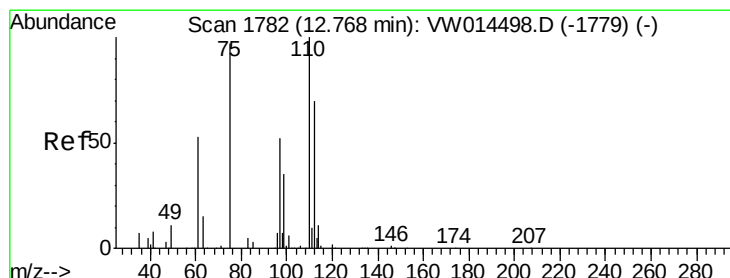
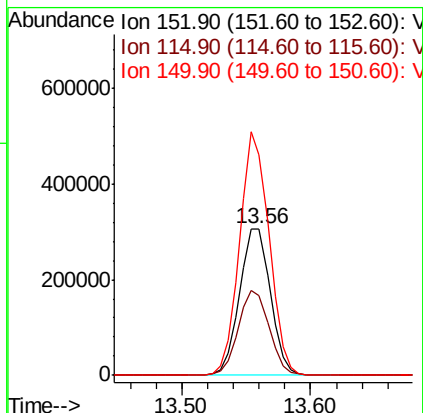
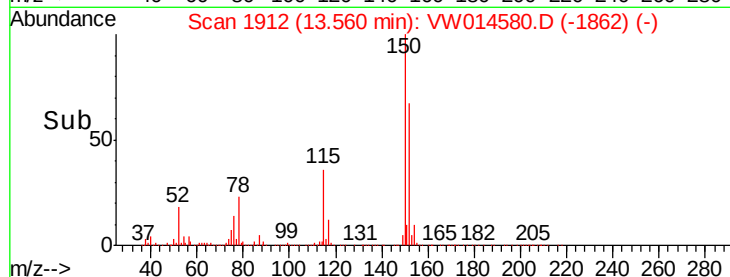
150 158.6 0.0 343.4



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: 54.125 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014580.D

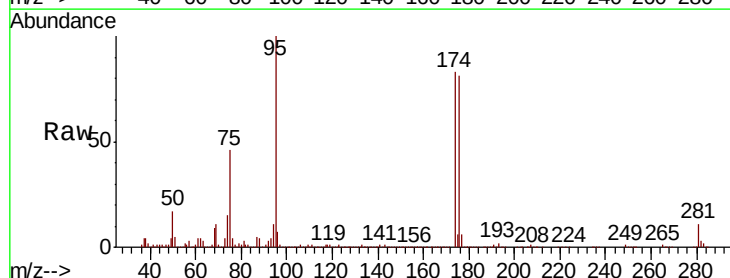
Acq: 09 Jan 2020 14:17

Tgt Ion: 75 Resp: 259506

Ion Ratio Lower Upper

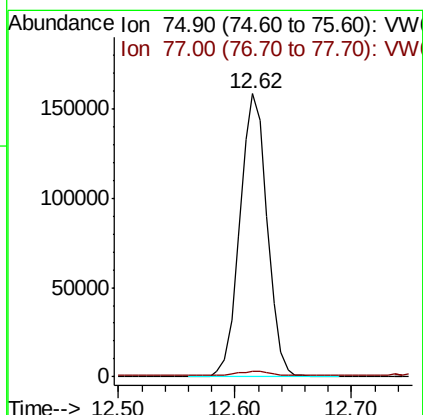
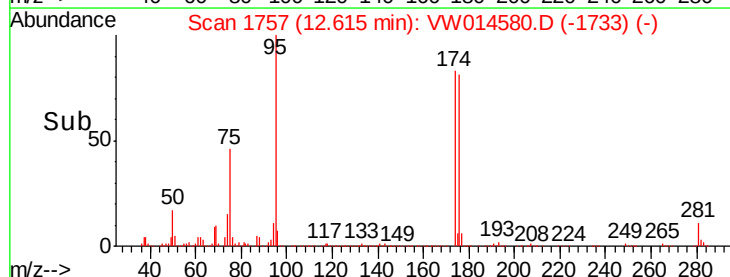
75 100

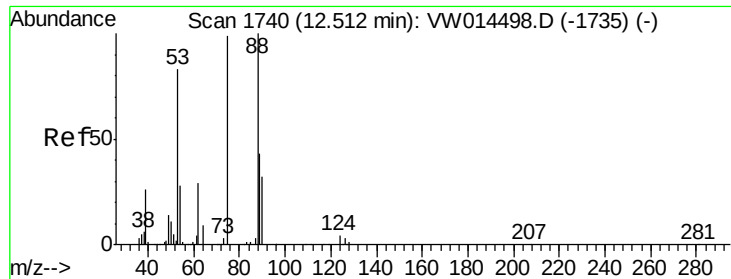
77 2.1 0.0 0.0#



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: 120.593 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014580.D

Acq: 09 Jan 2020 14:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 259506

Ion Ratio Lower Upper

75 100

53 0.3 70.9 106.3#

89 0.2 35.8 53.8#

