

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010720\
 Data File : VW014548.D
 Acq On : 07 Jan 2020 16:29
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 08 05:48:53 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	795974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1237305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1060881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	503673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	340997	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.88	113	338395	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
50) Toluene-d8	10.32	98	1424439	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.62	95	476418	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

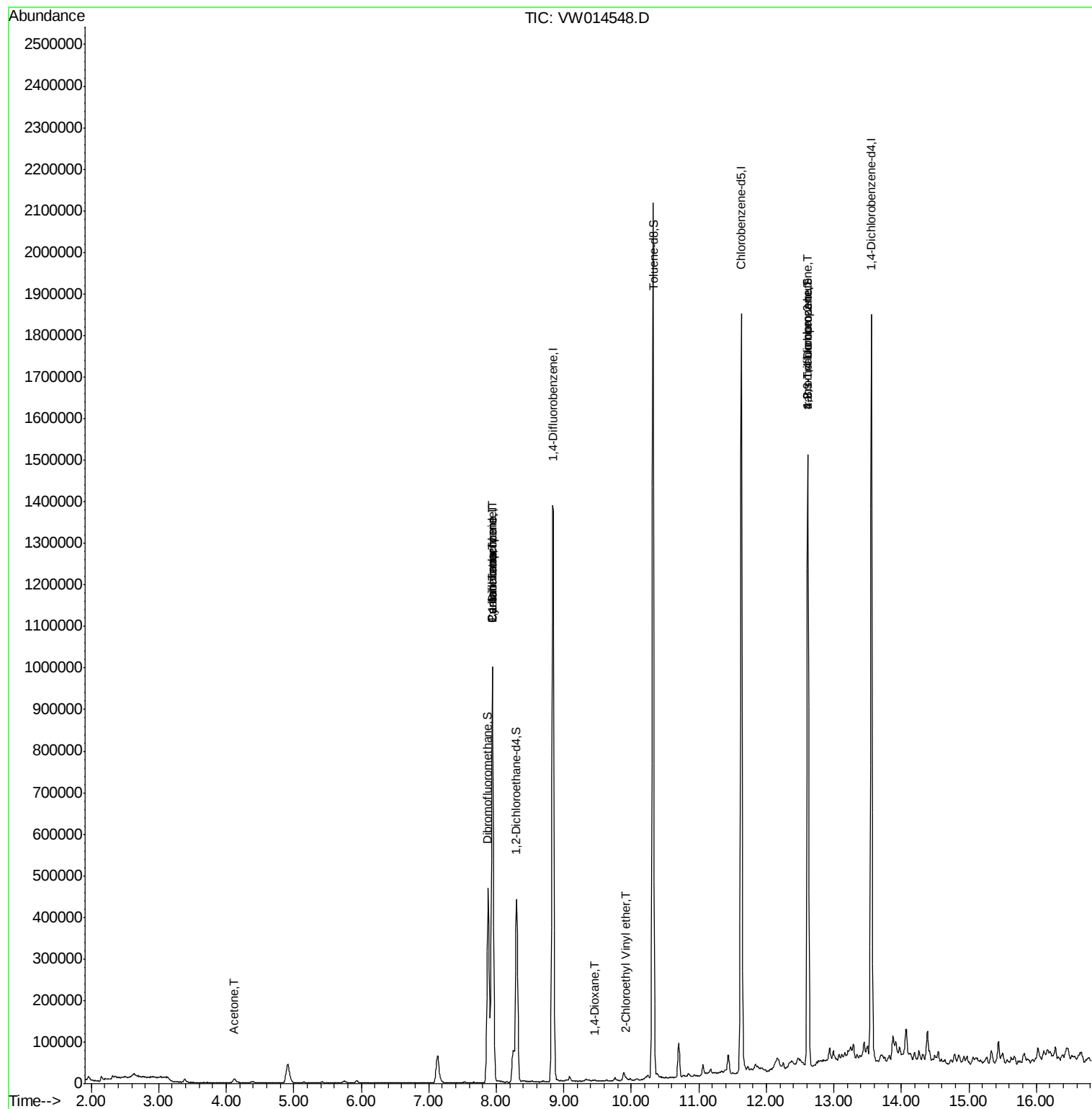
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	3684	Below Cal		97
16) Acetone	4.12	43	20227	10.293	ug/l	98
31) Cyclohexane	7.94	56	15029	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	54889	4.602	ug/l #	48
38) Carbon Tetrachloride	7.95	117	70818	6.843	ug/l #	17
49) 1,4-Dioxane	9.46	88	110	1.439	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	3003	1.272	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	226442	47.550	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	226442	105.944	ug/l #	14

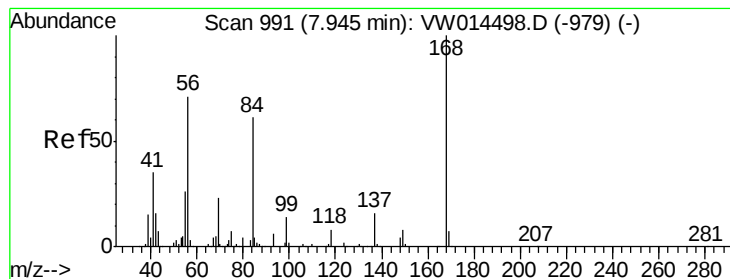
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010720\
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Quant Time: Jan 08 05:48:53 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: VW014548.D

Acq: 07 Jan 2020 16:29

Instrument :

MSVOA_W

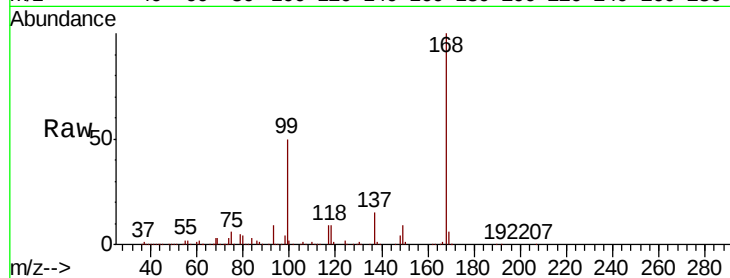
ClientSampled :

Tot Ion:168 Resp: 795974

Ion Ratio Lower Upper

168 100

99 50.3 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

400000

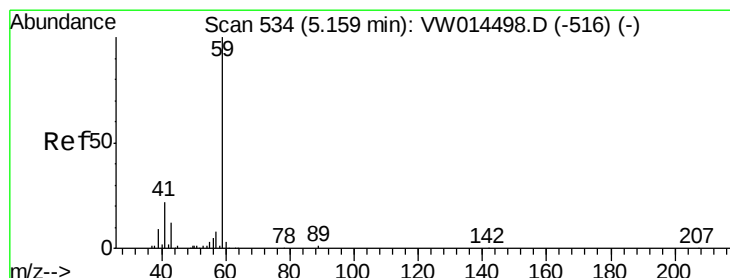
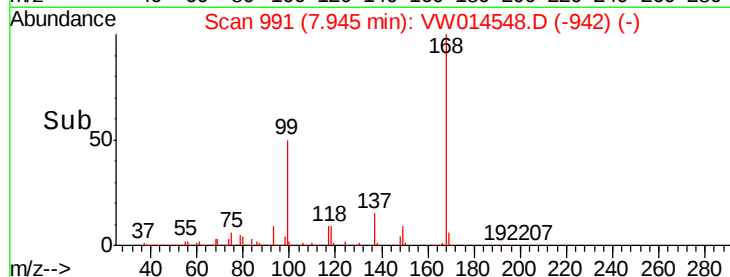
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.02 min

Lab File: VW014548.D

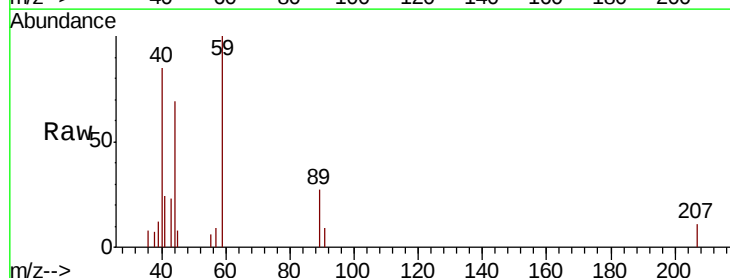
Acq: 07 Jan 2020 16:29

Tgt Ion: 59 Resp: 3684

Ion Ratio Lower Upper

59 100

57 8.6 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

1000

800

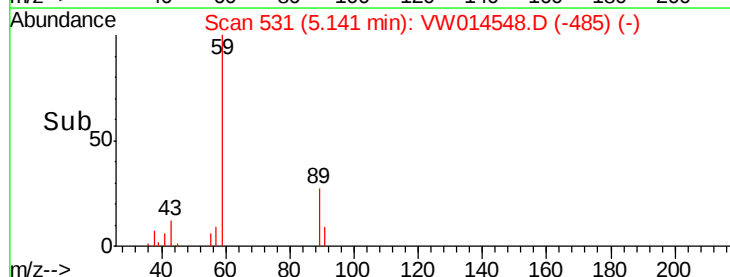
600

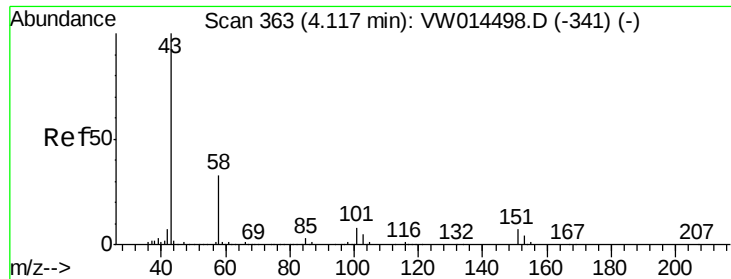
400

200

0

Time-->

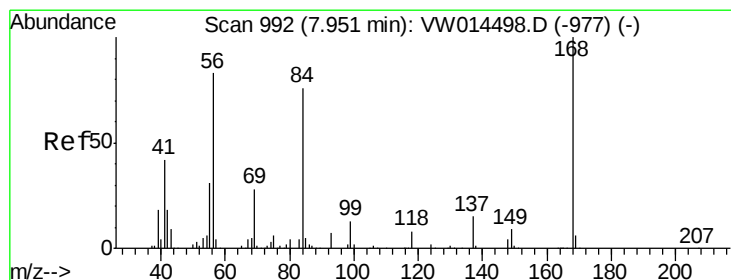
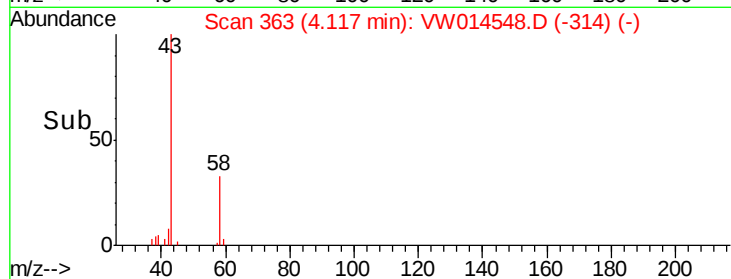
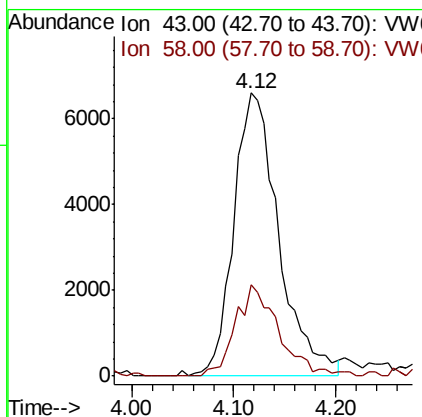
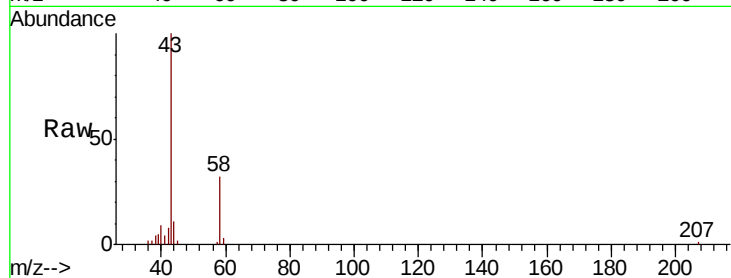




#16
Acetone
Concen: 10.293 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014548.D
Acq: 07 Jan 2020 16:29

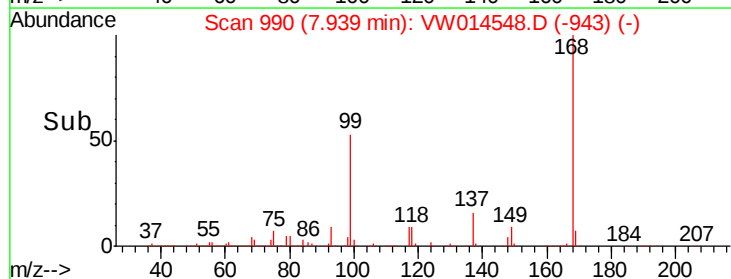
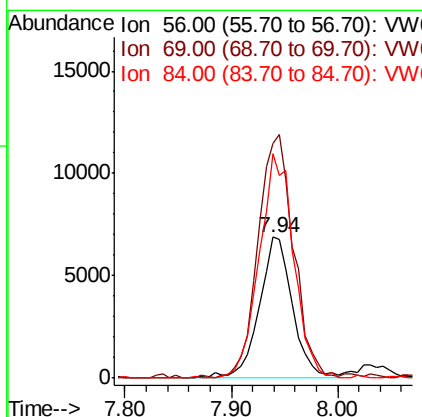
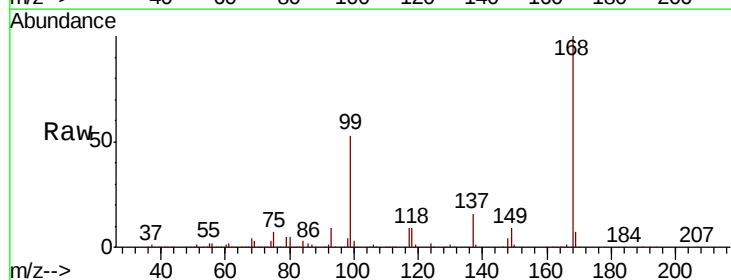
Instrument :
MSVOA_W
ClientSampleId :

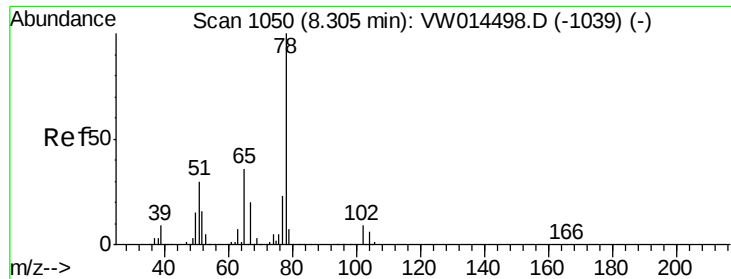
Tot Ion: 43 Resp: 20227
Ion Ratio Lower Upper
43 100
58 32.2 26.6 39.8



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW014548.D
Acq: 07 Jan 2020 16:29

Tgt Ion: 56 Resp: 15029
Ion Ratio Lower Upper
56 100
69 166.7 26.8 40.2#
84 159.2 71.8 107.6#

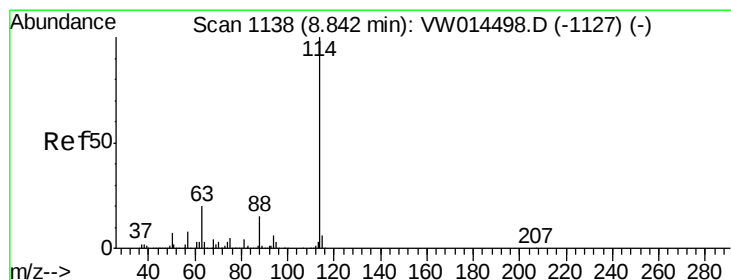
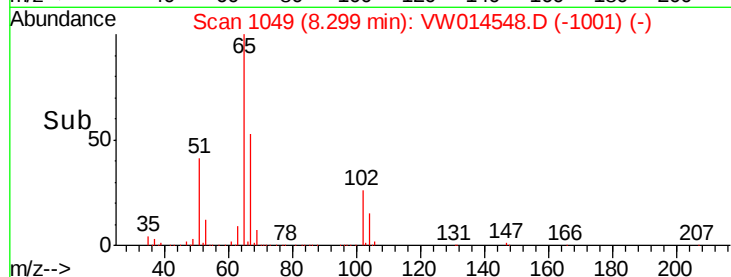
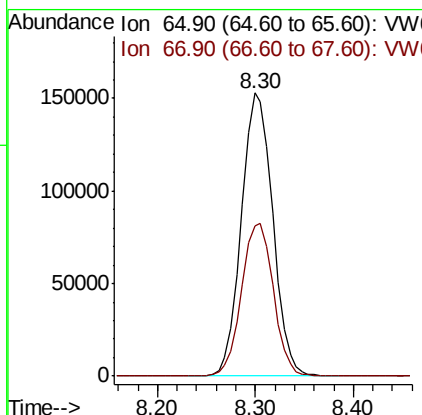
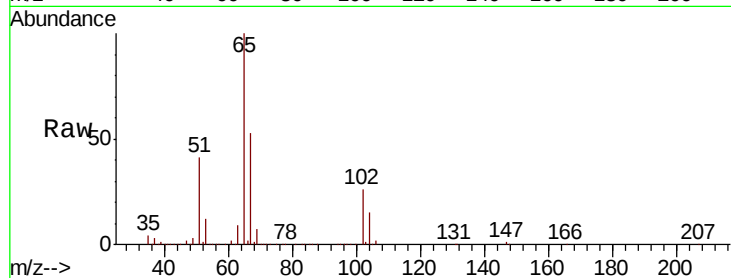




#33
 1,2-Dichloroethane-d4
 Concen: 48.999 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014548.D
 Acq: 07 Jan 2020 16:29

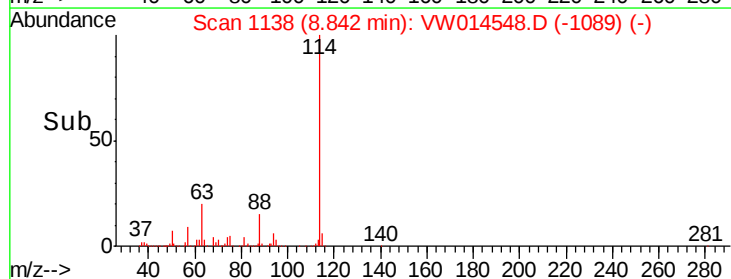
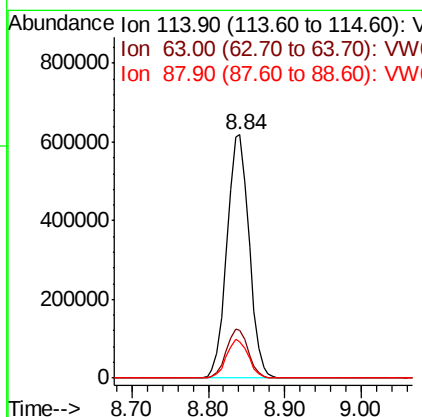
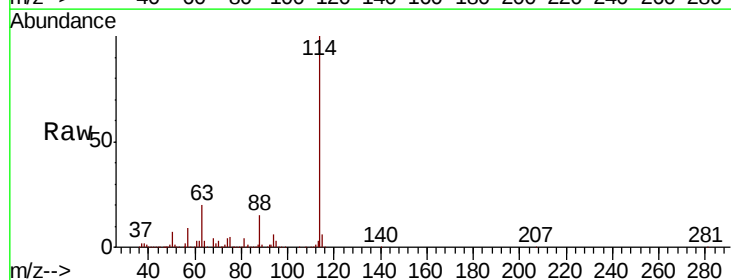
Instrument :
 MSVOA_W
 ClientSampleId :

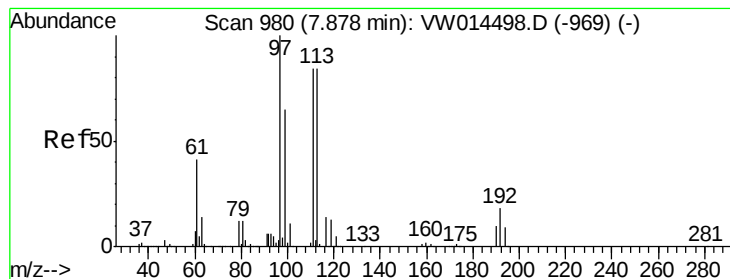
Tot Ion: 65 Resp: 340997
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014548.D
 Acq: 07 Jan 2020 16:29

Tgt Ion: 114 Resp: 1237305
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.4
 88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.854 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014548.D

Acq: 07 Jan 2020 16:29

Instrument :
MSVOA_W
ClientSampleId :

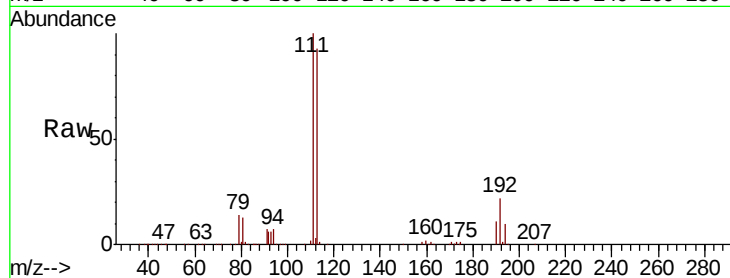
Tot Ion:113 Resp: 338395

Ion Ratio Lower Upper

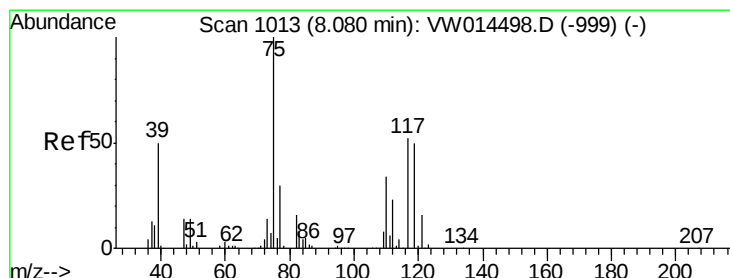
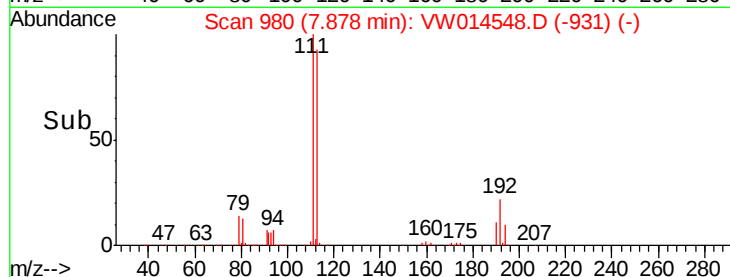
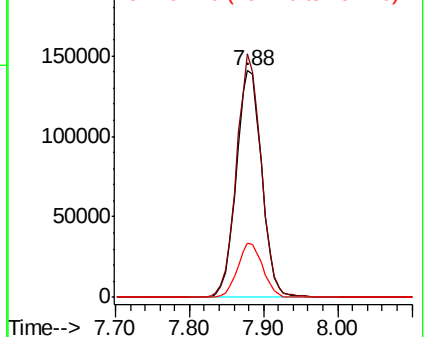
113 100

111 103.6 81.4 122.2

192 23.4 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: 4.602 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW014548.D

Acq: 07 Jan 2020 16:29

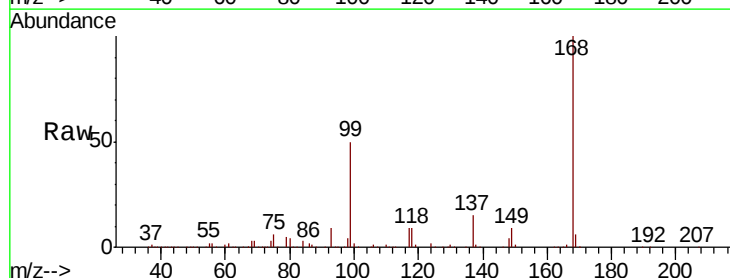
Tgt Ion: 75 Resp: 54889

Ion Ratio Lower Upper

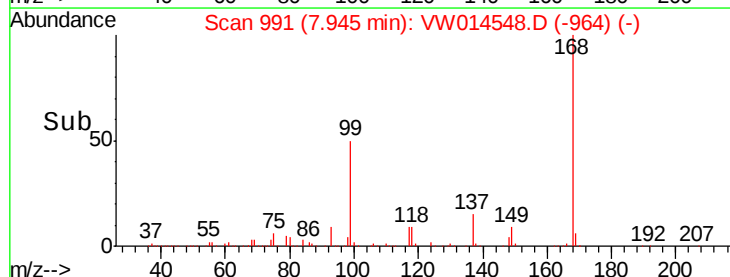
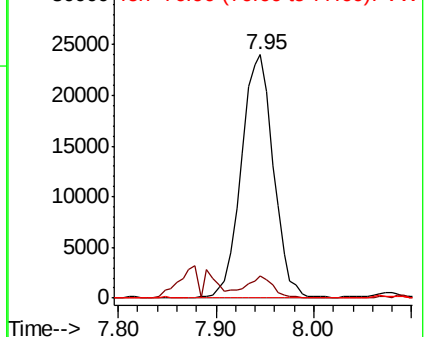
75 100

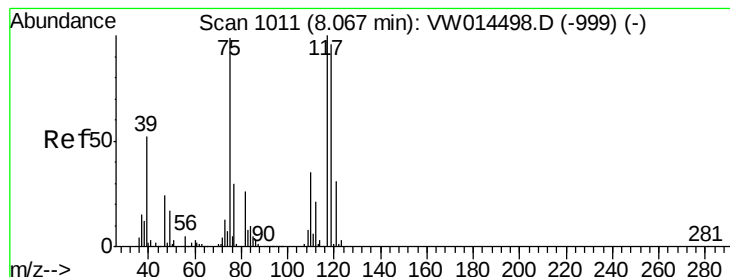
110 7.1 17.8 53.5#

77 0.1 24.7 37.1#



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: 6.843 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW014548.D

Acq: 07 Jan 2020 16:29

Instrument :

MSVOA_W

ClientSampleId :

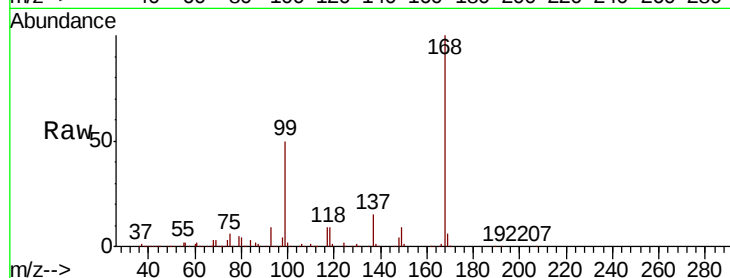
Tot Ion:117 Resp: 70818

Ion Ratio Lower Upper

117 100

119 6.4 77.0 115.6#

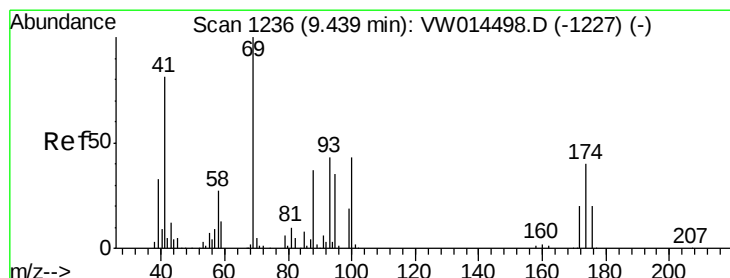
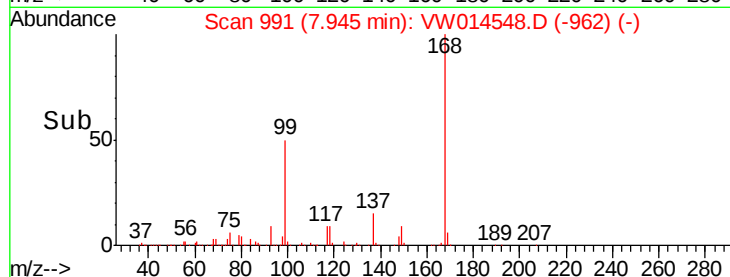
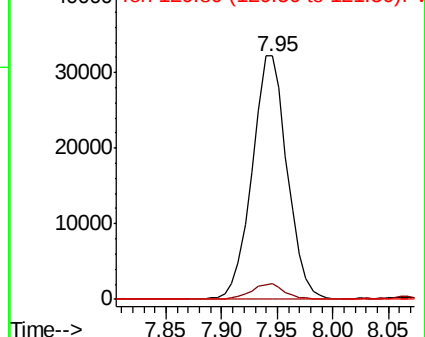
121 0.0 24.6 36.8#



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



#49

1,4-Dioxane

Concen: 1.439 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.02 min

Lab File: VW014548.D

Acq: 07 Jan 2020 16:29

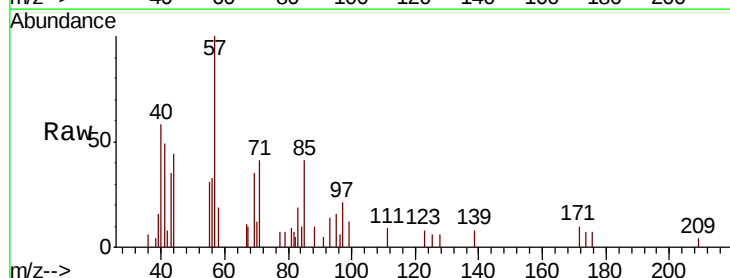
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 0.0 24.9 37.3#

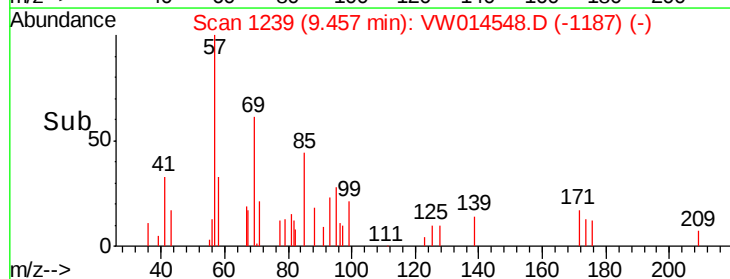
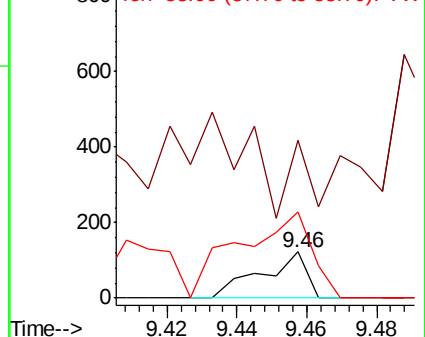
58 301.8 56.9 85.3#

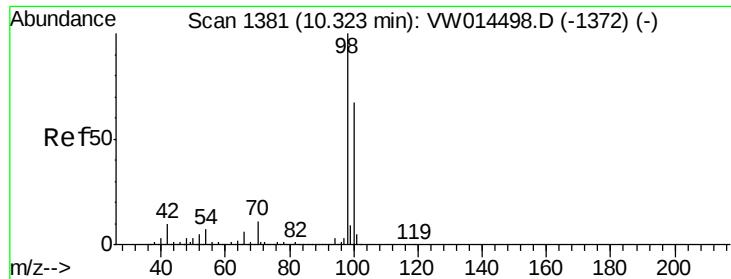


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

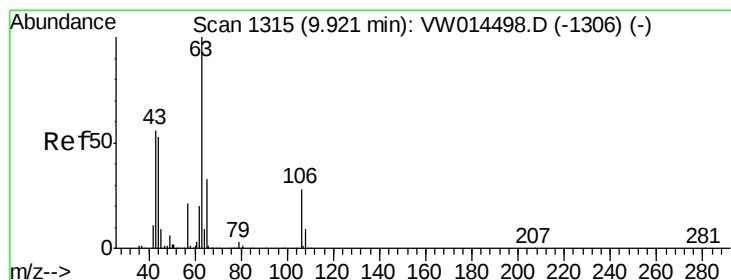
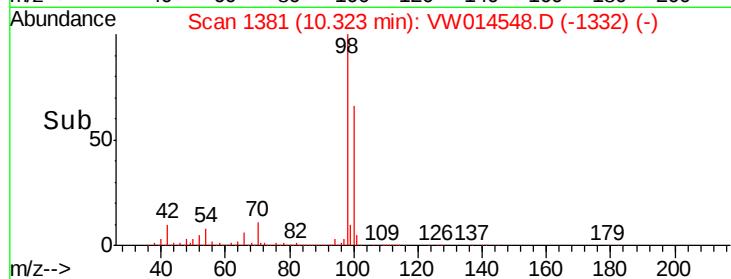
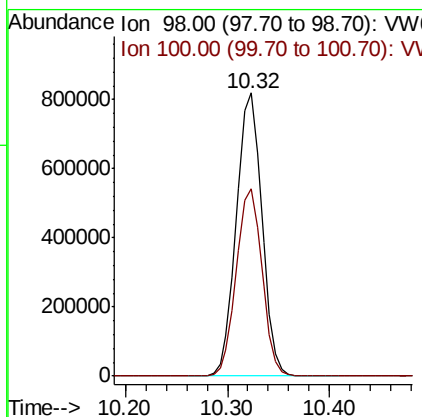
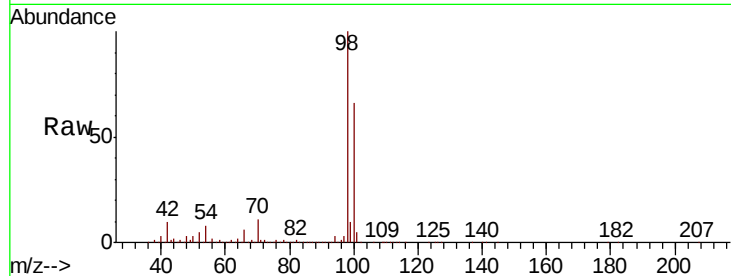




#50
Toluene-d8
Concen: 48.268 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014548.D
Acq: 07 Jan 2020 16:29

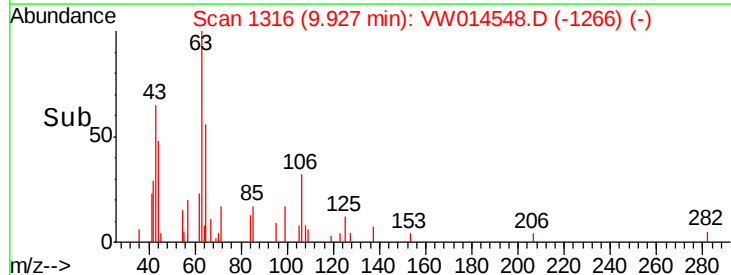
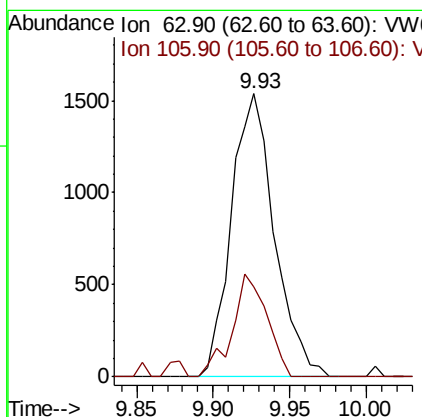
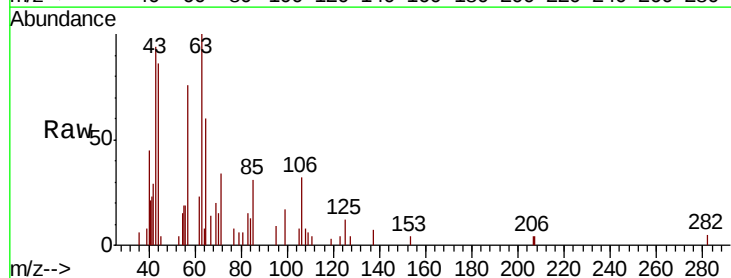
Instrument :
MSVOA_W
ClientSampleId :

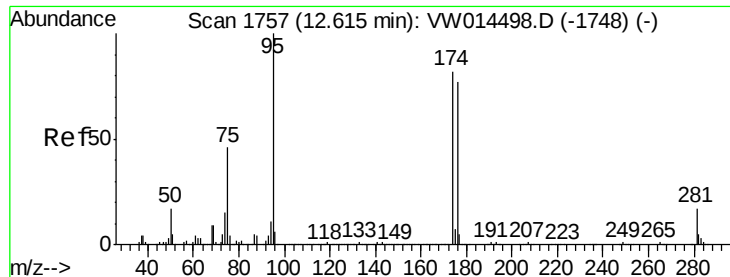
Tot Ion: 98 Resp: 1424439
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#58
2-Chloroethyl Vinyl ether
Concen: 1.272 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VW014548.D
Acq: 07 Jan 2020 16:29

Tgt Ion: 63 Resp: 3003
Ion Ratio Lower Upper
63 100
106 29.4 23.0 34.6





#62

4-Bromofluorobenzene

Concen: 47.596 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014548.D

Acq: 07 Jan 2020 16:29

Instrument :

MSVOA_W

ClientSampleId :

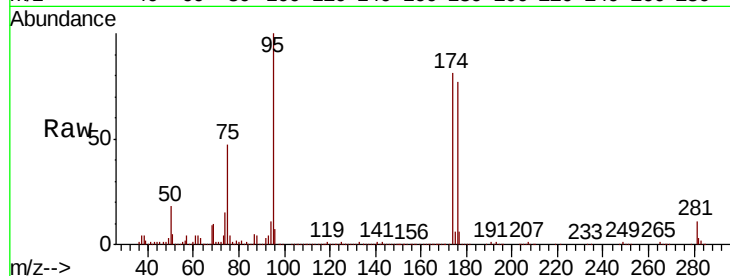
Tot Ion: 95 Resp: 476418

Ion Ratio Lower Upper

95 100

174 84.3 0.0 168.6

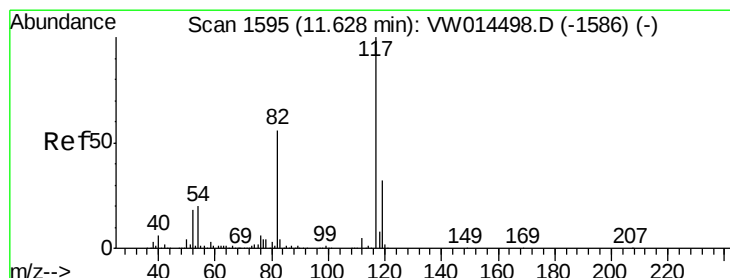
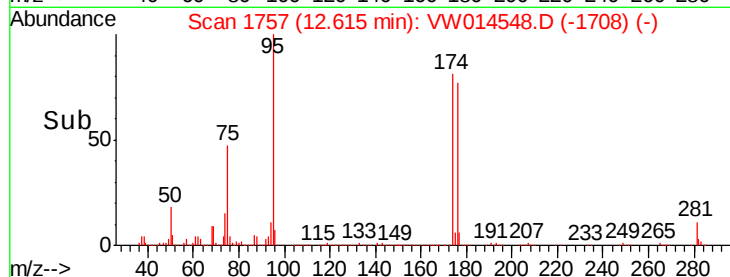
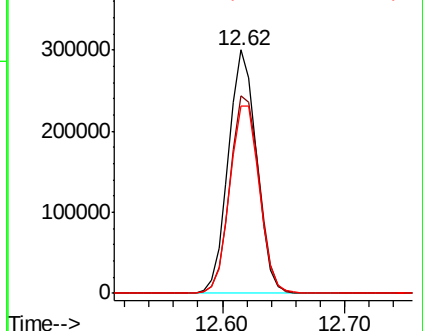
176 81.2 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW014548.D

Acq: 07 Jan 2020 16:29

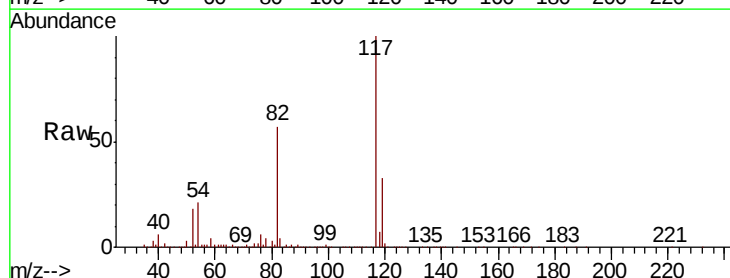
Tgt Ion: 117 Resp: 1060881

Ion Ratio Lower Upper

117 100

82 57.2 44.6 67.0

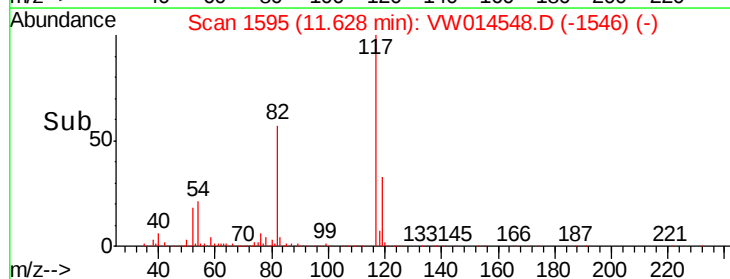
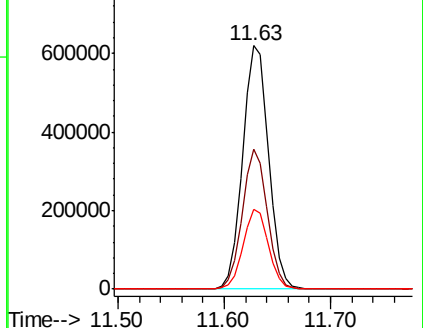
119 32.6 25.7 38.5

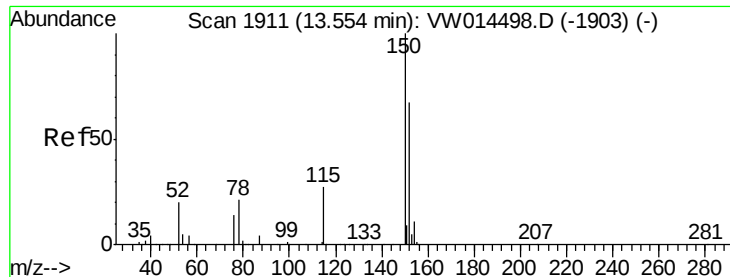


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



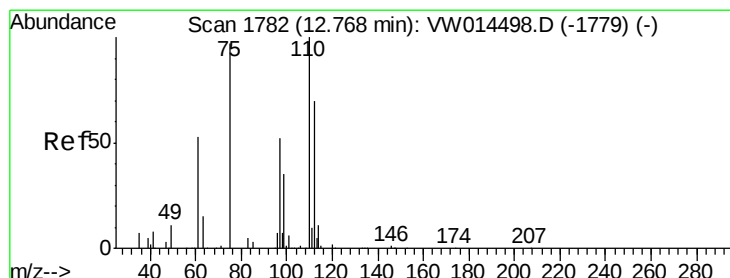
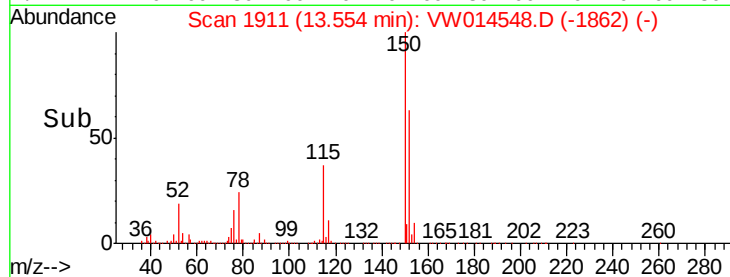
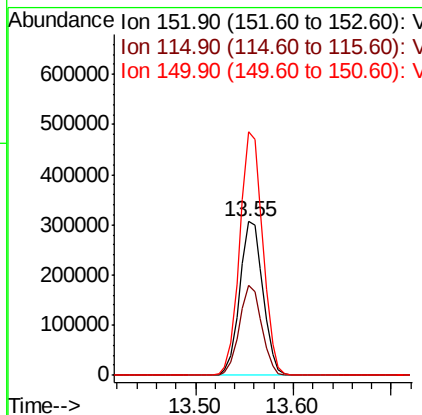
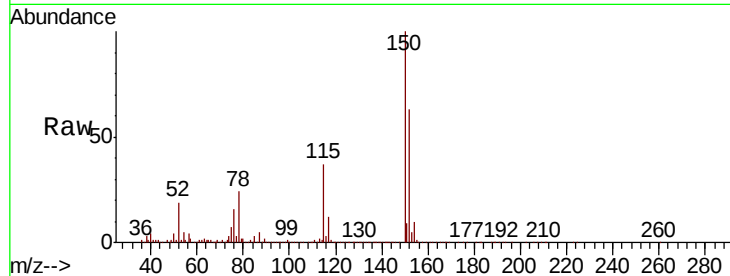


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014548.D
Acq: 07 Jan 2020 16:29

Instrument :
MSVOA_W
ClientSampleId :

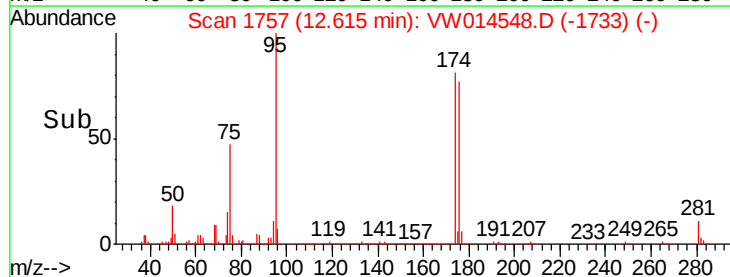
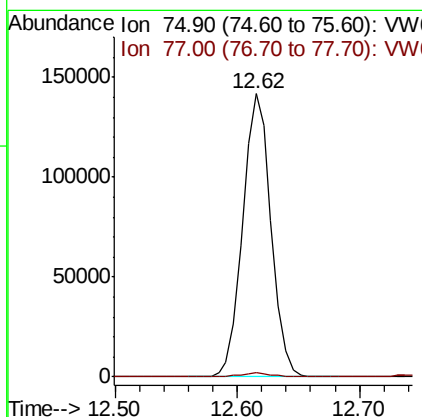
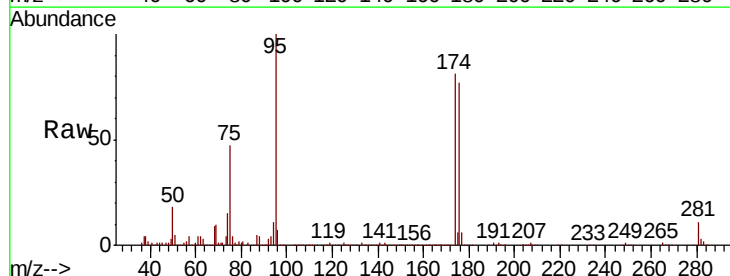
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.7	83.1
150	156.8	0.0	343.4

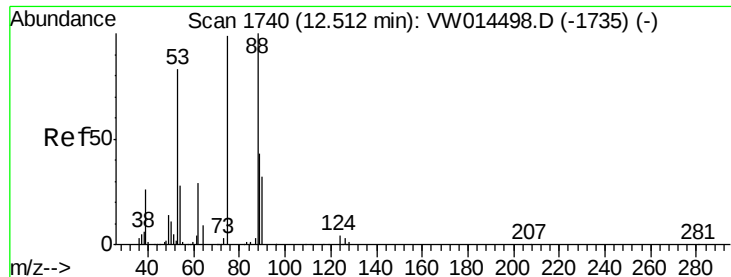


#76

1,2,3-Trichloropropane
Concen: 47.550 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014548.D
Acq: 07 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 105.944 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014548.D

Acq: 07 Jan 2020 16:29

Instrument :

MSVOA_W

ClientSampleId :

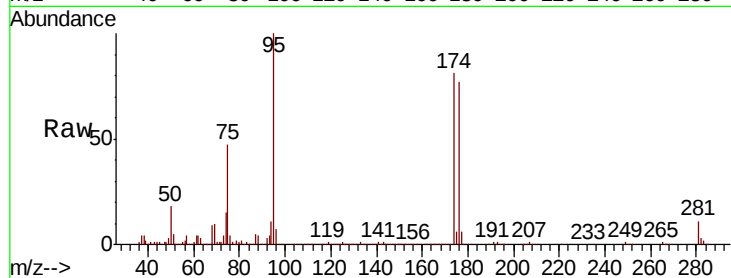
Tot Ion: 75 Resp: 226442

Ion Ratio Lower Upper

75 100

53 0.1 70.9 106.3#

89 0.1 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

