

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013731.D
 Acq On : 25 Oct 2019 00:05
 Operator : SY/VA
 Sample : K5499-14RE
 Misc : 4.95G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 08:01:54 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

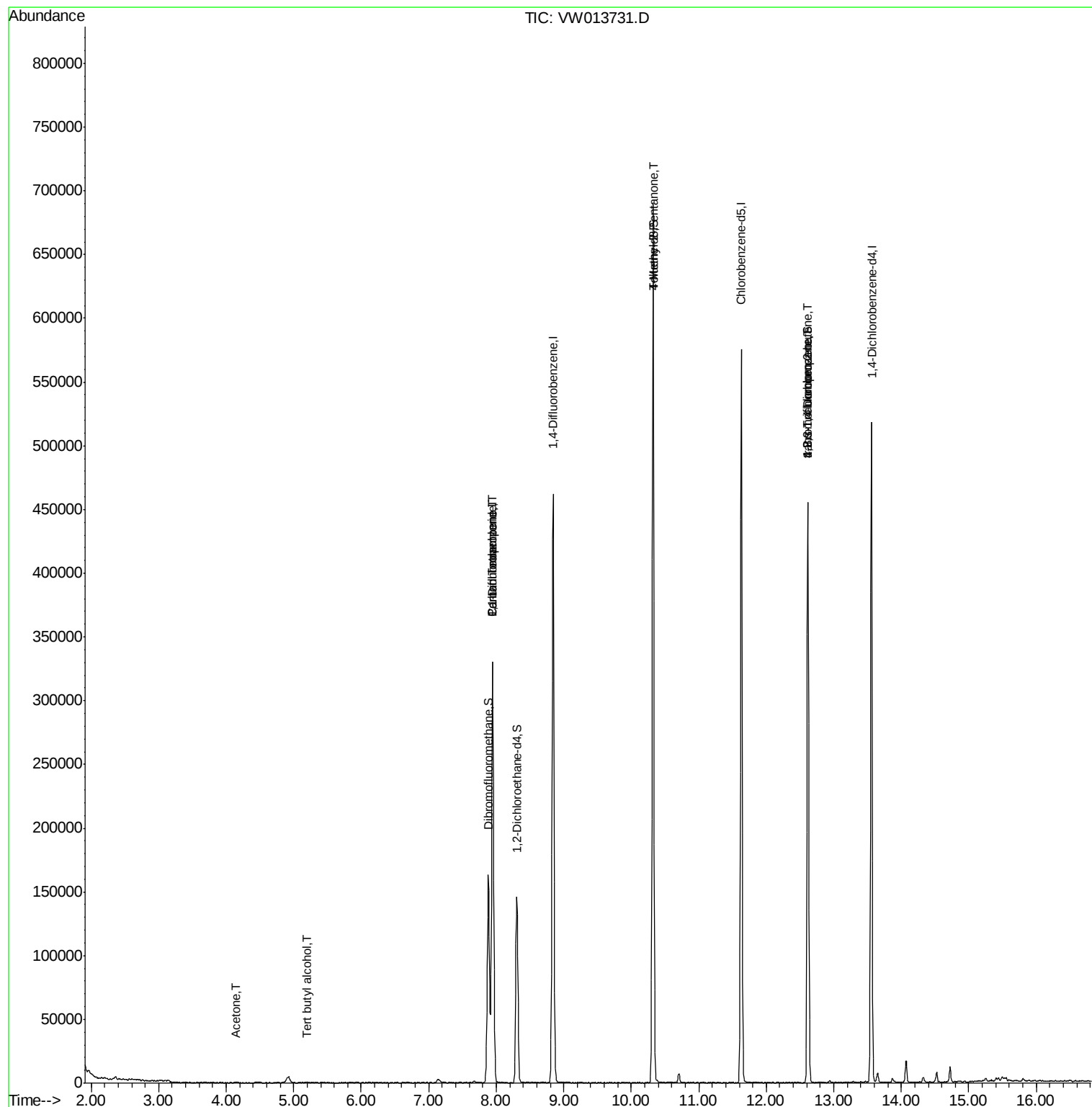
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114531	57.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.08%	
35) Dibromofluoromethane	7.88	113	120279	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.32	98	466048	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.62	95	142803	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	208	1.735	ug/l #	71
16) Acetone	4.14	43	826	1.940	ug/l	90
20) Methylene Chloride	4.92	84	4295	Below Cal		87
36) 1,1-Dichloropropene	7.95	75	17266	4.527	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23267	6.774	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1613	1.161	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	66687	61.449	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66687	116.130	ug/l #	14

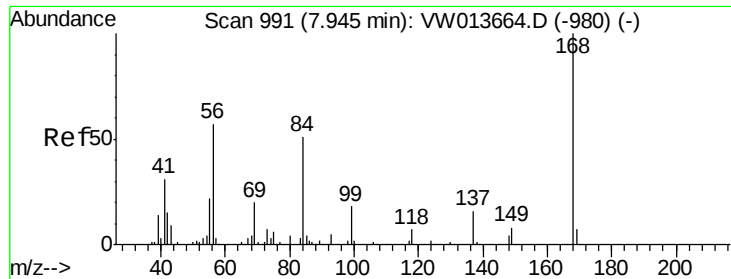
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW013731.D
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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: VW013731.D

Acq: 25 Oct 2019 00:05

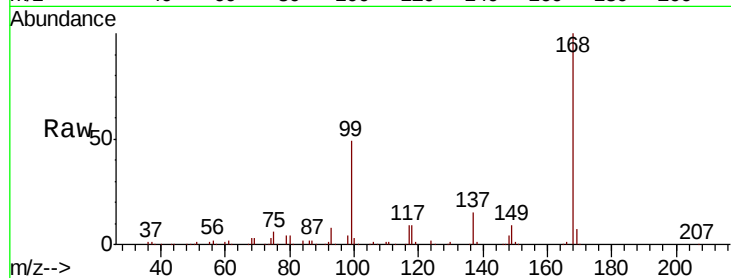
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 267680

Ion Ratio Lower Upper

168 100

99 49.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

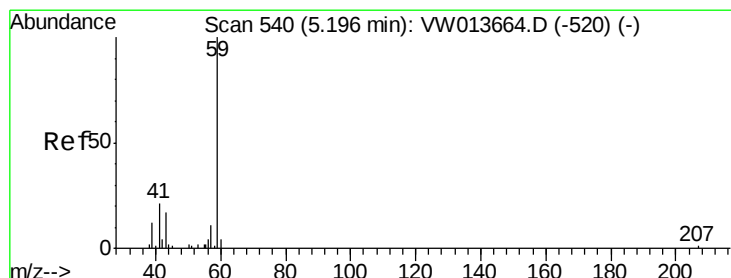
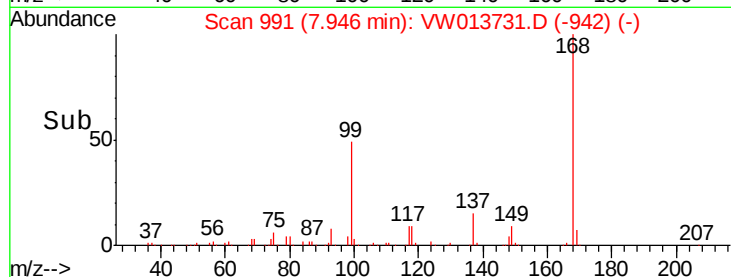
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.735 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW013731.D

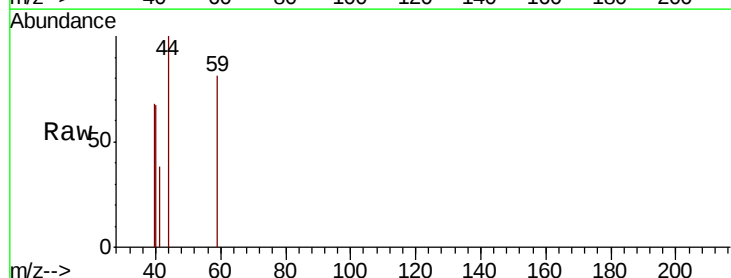
Acq: 25 Oct 2019 00:05

Tgt Ion: 59 Resp: 208

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

200

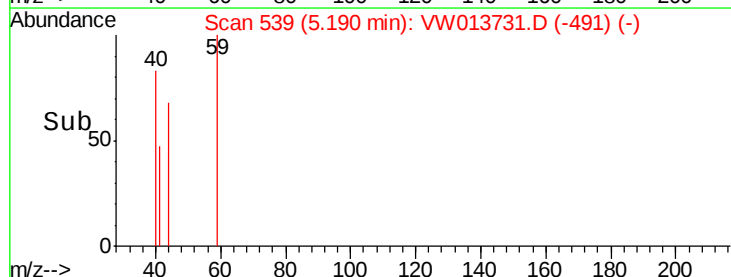
150

100

50

0

Time-->

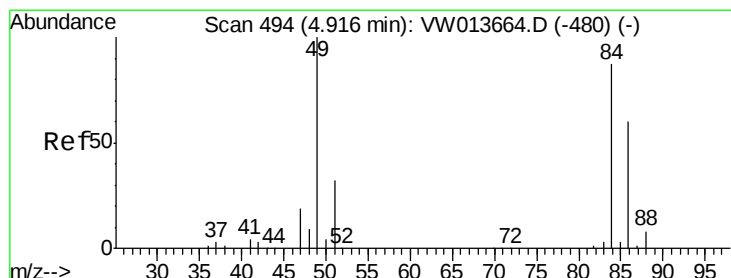
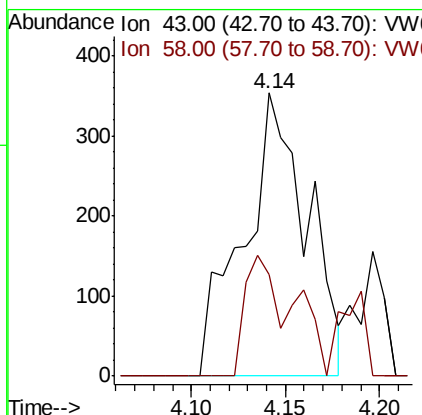
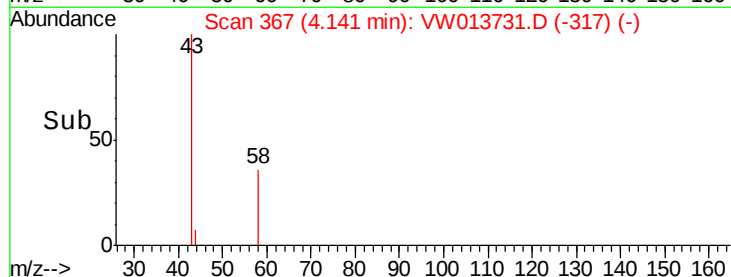
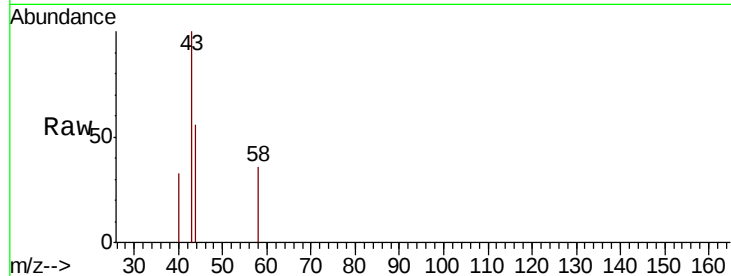




#16
Acetone
Concen: 1.940 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW013731.D
Acq: 25 Oct 2019 00:05

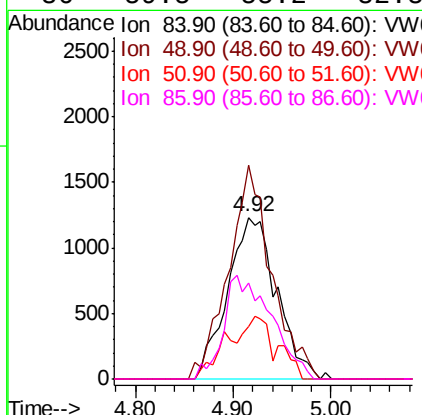
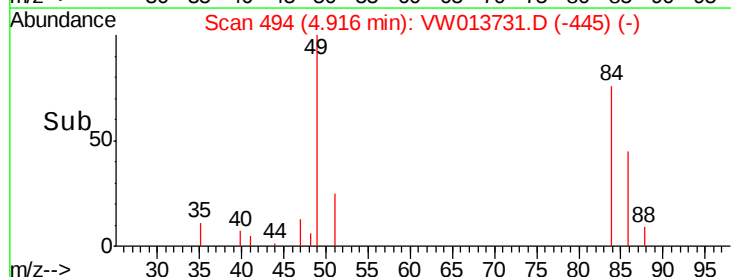
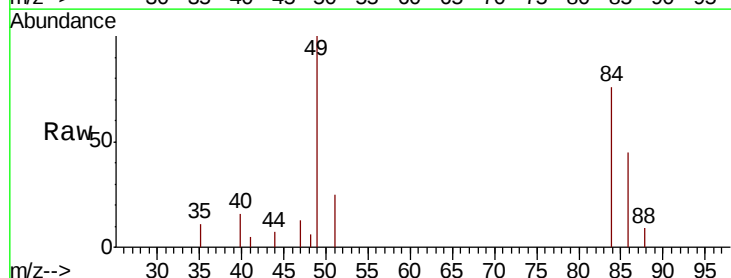
Instrument :
MSVOA_W
ClientSampleId :

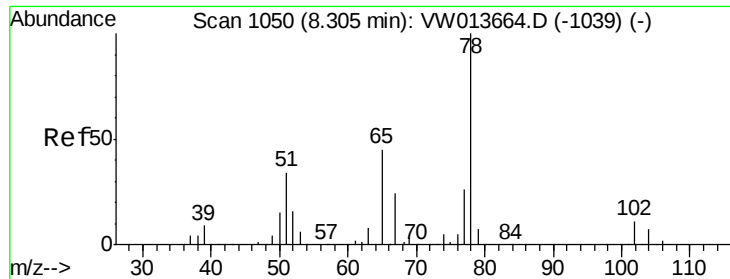
Tot Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 35.7 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013731.D
Acq: 25 Oct 2019 00:05

Tgt Ion: 84 Resp: 4295
Ion Ratio Lower Upper
84 100
49 132.1 91.8 137.6
51 32.6 29.8 44.6
86 59.5 55.2 82.8

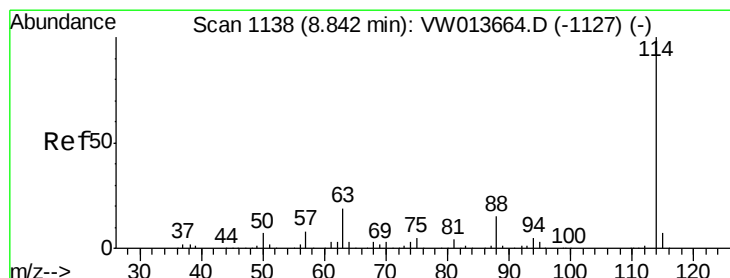
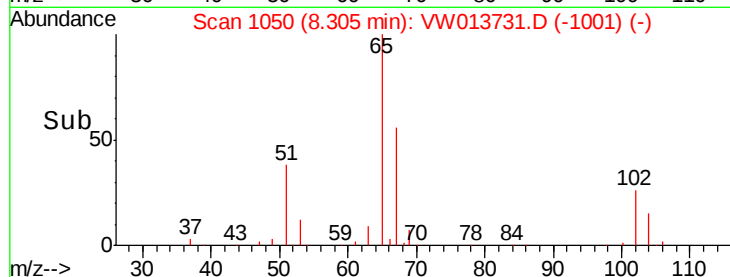
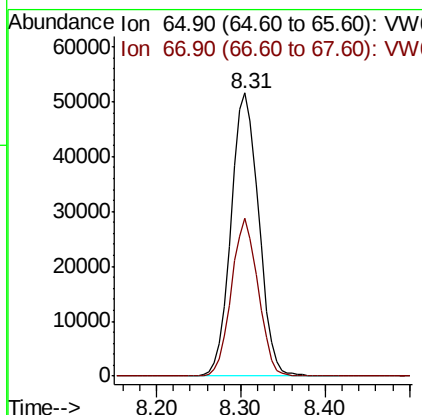
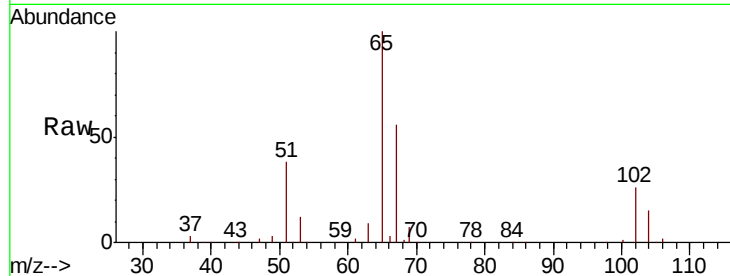




#33
 1,2-Dichloroethane-d4
 Concen: 57.036 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013731.D
 Acq: 25 Oct 2019 00:05

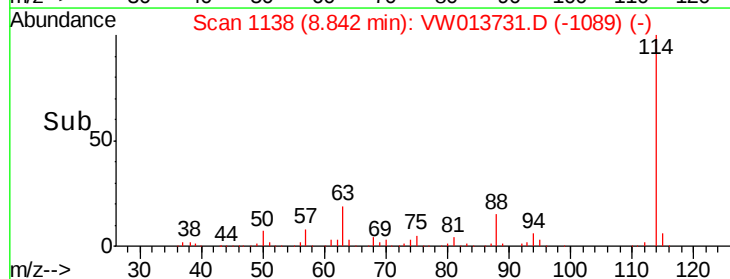
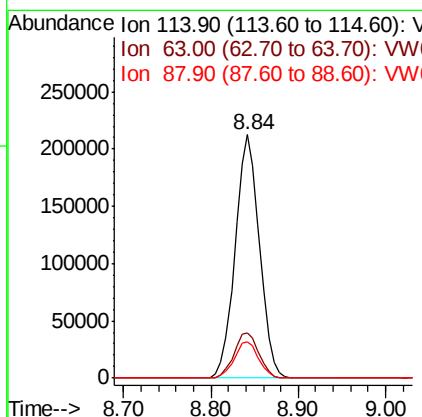
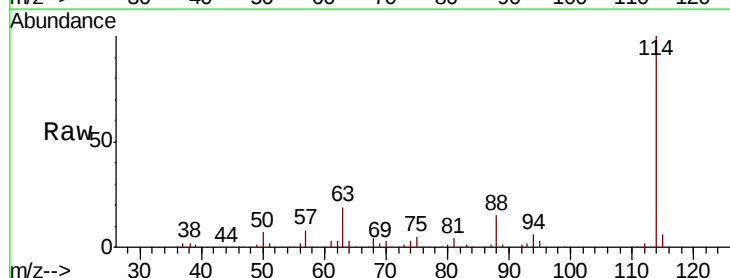
Instrument :
 MSVOA_W
 ClientSampled :

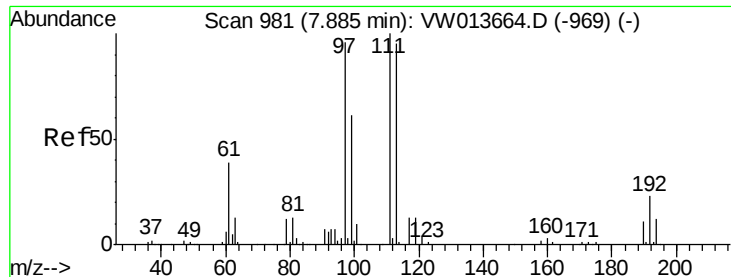
Tot Ion: 65 Resp: 114531
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013731.D
 Acq: 25 Oct 2019 00:05

Tgt Ion: 114 Resp: 409545
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.0 0.0 30.2

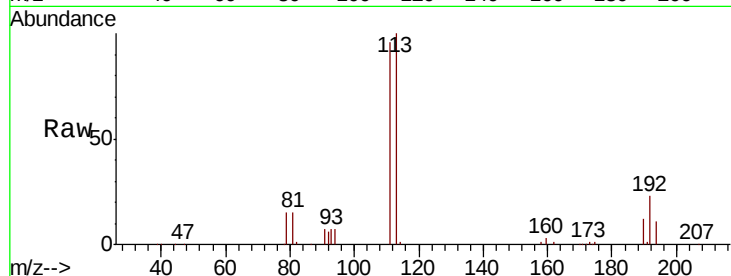




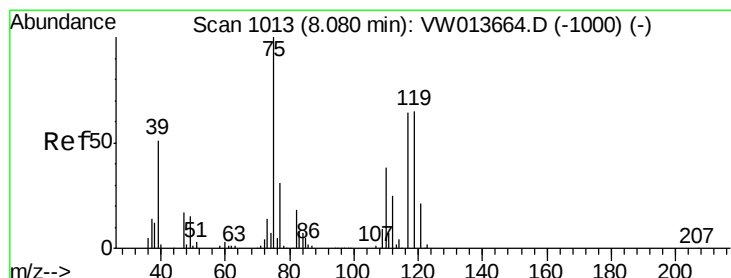
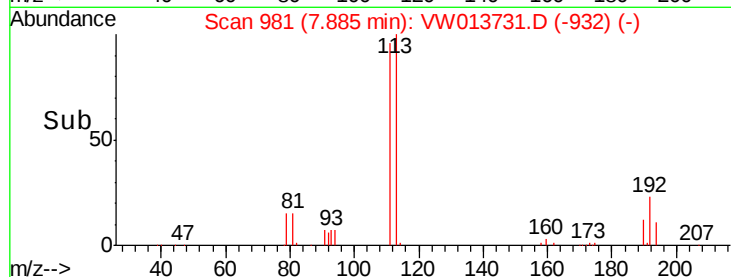
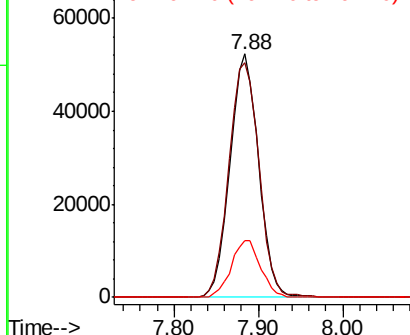
#35
 Dibromofluoromethane
 Concen: 52.855 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013731.D
 Acq: 25 Oct 2019 00:05

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 120279
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.0 124.6
 192 23.9 19.4 29.2

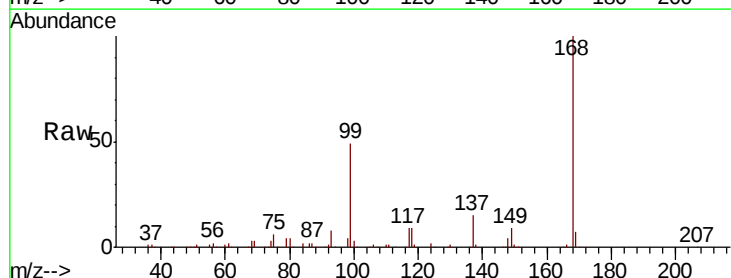


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

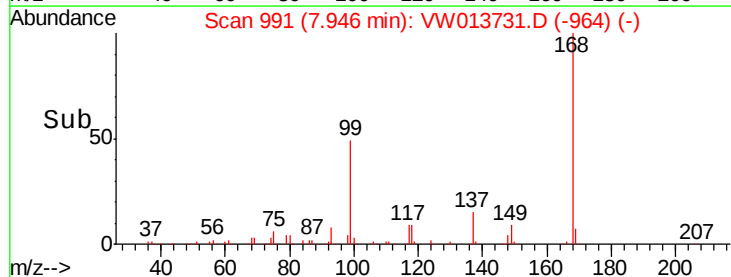
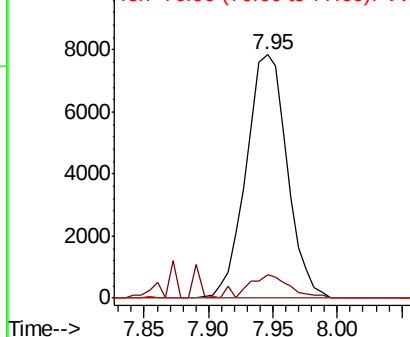


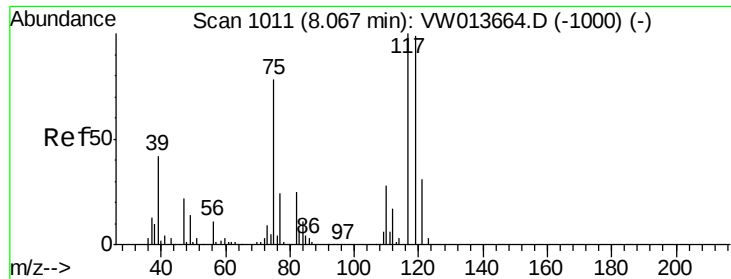
#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013731.D
 Acq: 25 Oct 2019 00:05

Tgt Ion: 75 Resp: 17266
 Ion Ratio Lower Upper
 75 100
 110 9.6 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

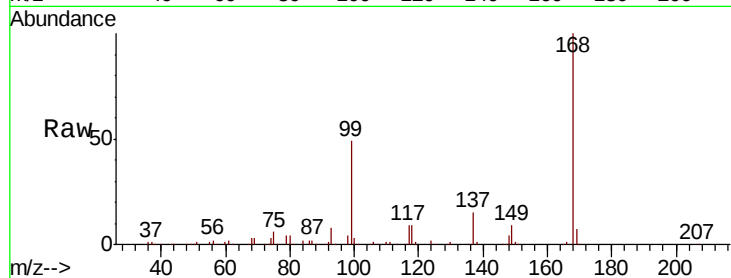




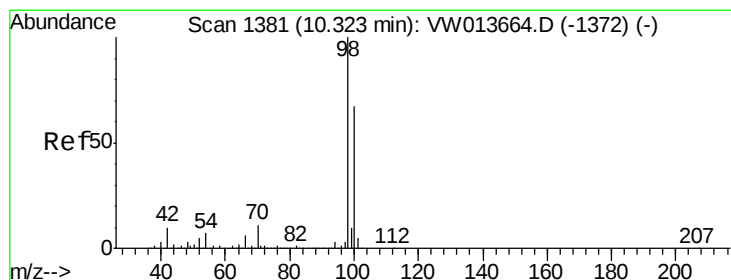
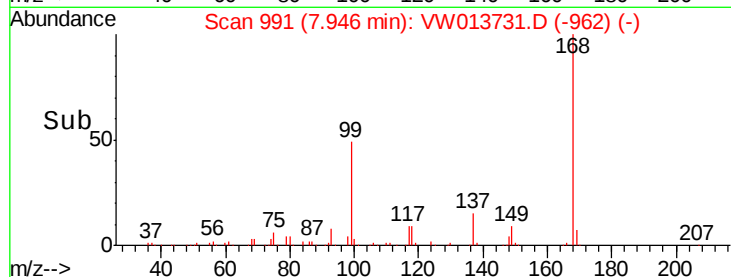
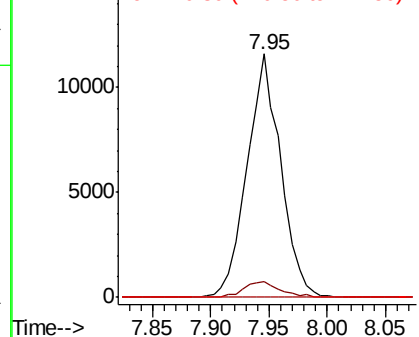
#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013731.D
Acq: 25 Oct 2019 00:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 23267
Ion Ratio Lower Upper
117 100
119 6.5 79.0 118.4#
121 0.0 24.5 36.7#

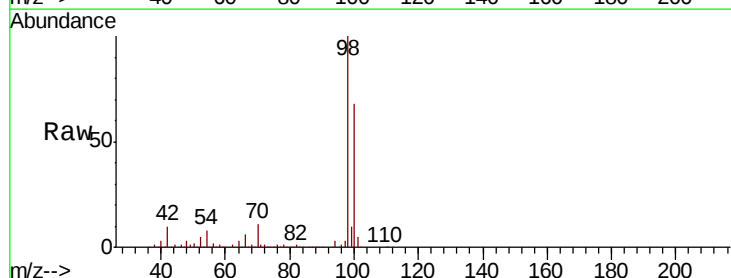


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

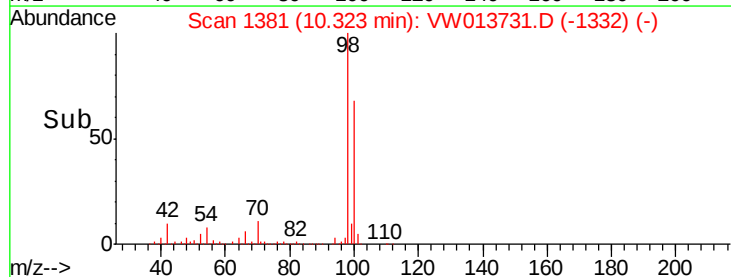
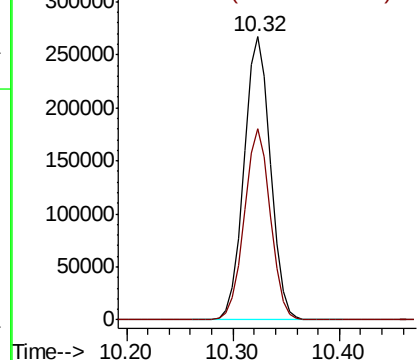


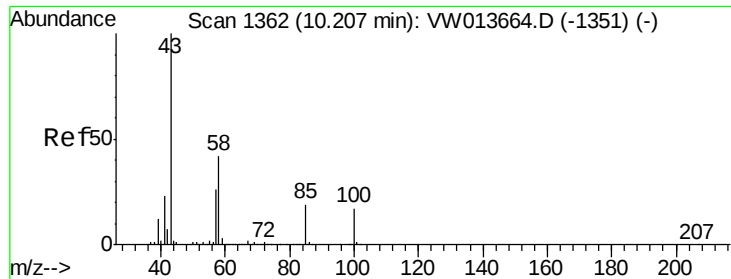
#50
Toluene-d8
Concen: 50.260 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013731.D
Acq: 25 Oct 2019 00:05

Tgt Ion: 98 Resp: 466048
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



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: 1.161 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013731.D

Acq: 25 Oct 2019 00:05

Instrument :

MSVOA_W

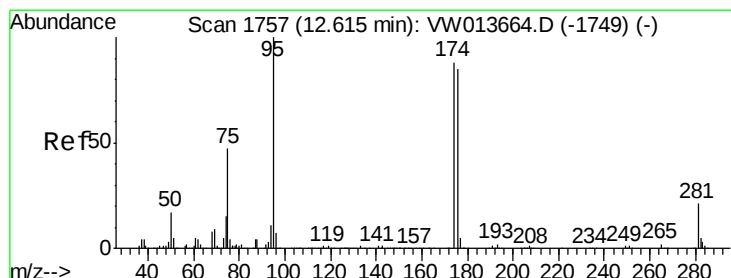
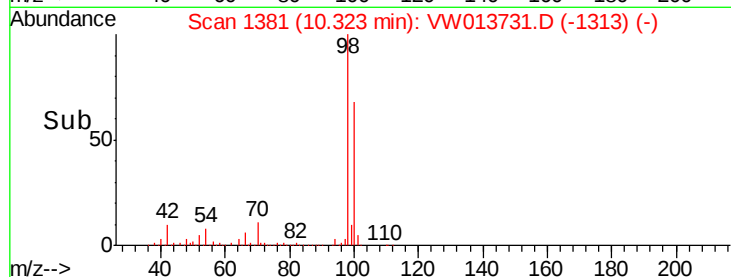
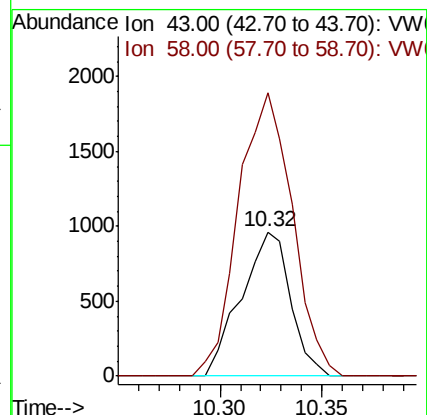
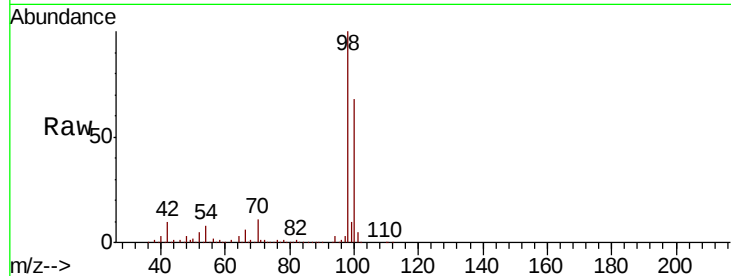
ClientSampleId :

Tot Ion: 43 Resp: 1613

Ion Ratio Lower Upper

43 100

58 214.6 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 45.482 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013731.D

Acq: 25 Oct 2019 00:05

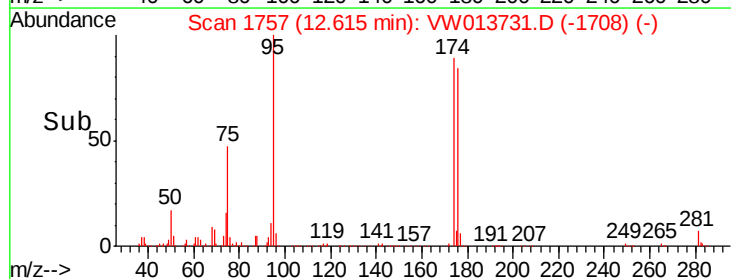
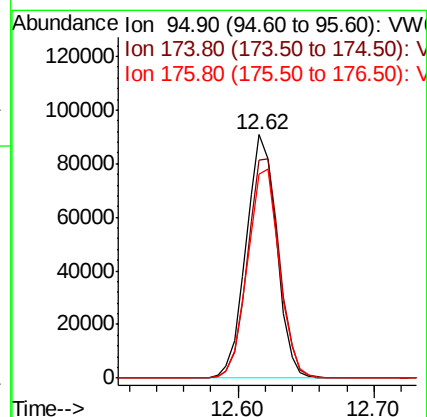
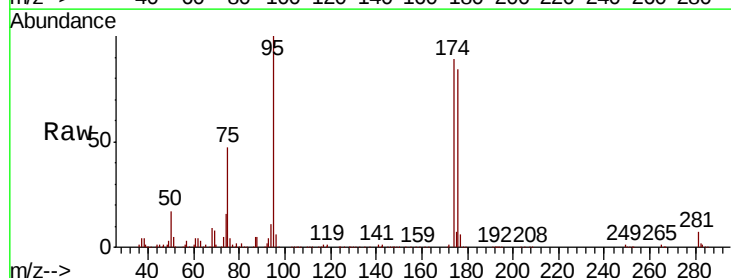
Tgt Ion: 95 Resp: 142803

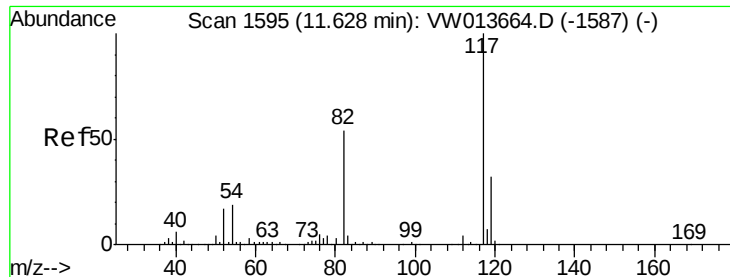
Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.6

176 89.7 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: VW013731.D

Acq: 25 Oct 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

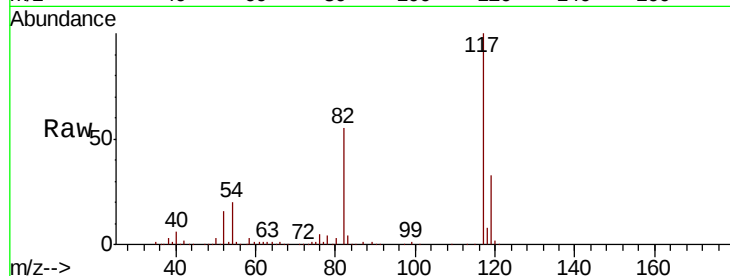
Tot Ion:117 Resp: 341115

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.6	65.4
119	32.5	25.4	38.2

117 100

82 55.4 43.6 65.4

119 32.5 25.4 38.2

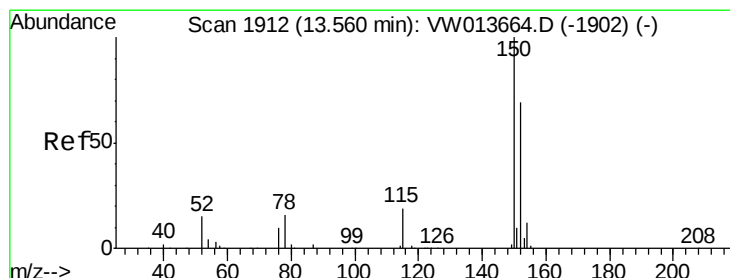
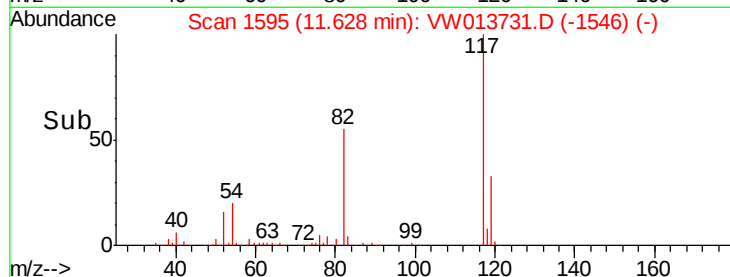
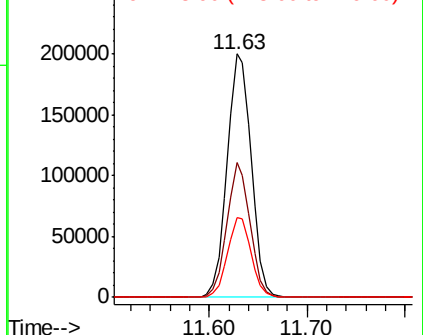


Abundance

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013731.D

Acq: 25 Oct 2019 00:05

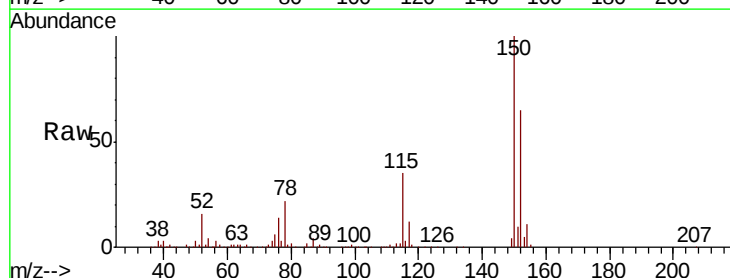
Tgt Ion:152 Resp: 151118

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.4	82.2
150	156.6	0.0	345.4

152 100

115 54.8 27.4 82.2

150 156.6 0.0 345.4

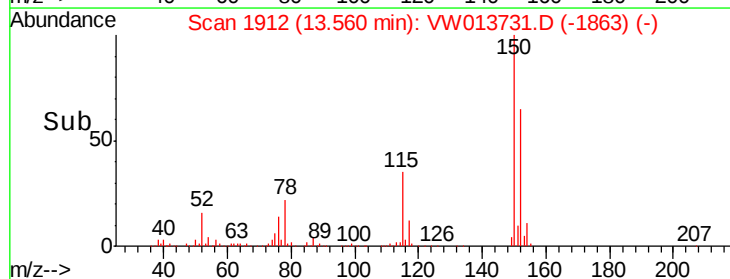
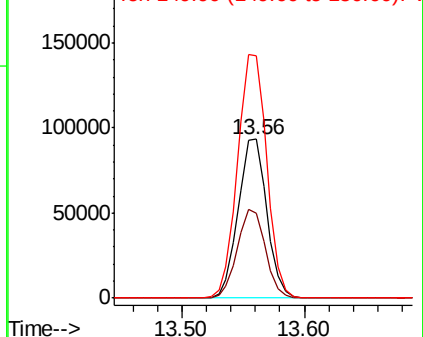


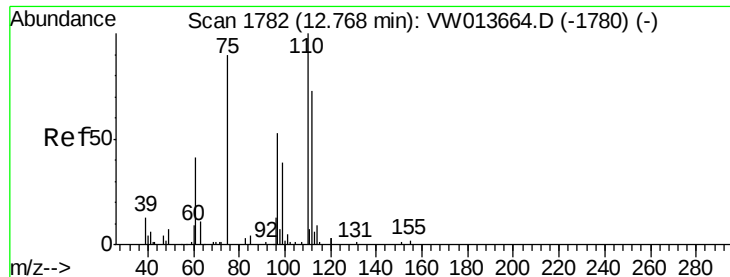
Abundance

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: 61.449 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013731.D

Acq: 25 Oct 2019 00:05

Instrument :

MSVOA_W

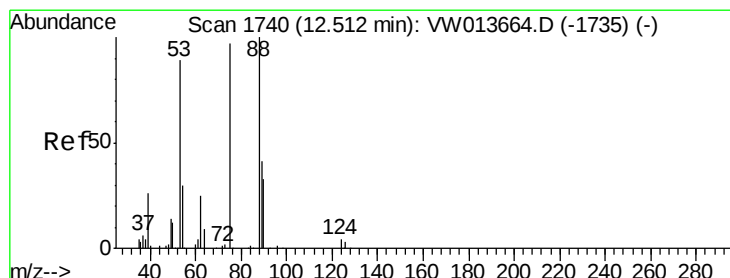
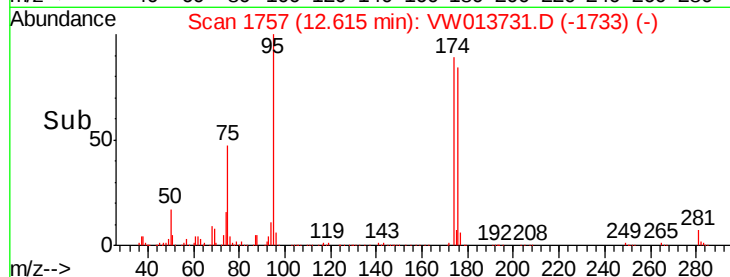
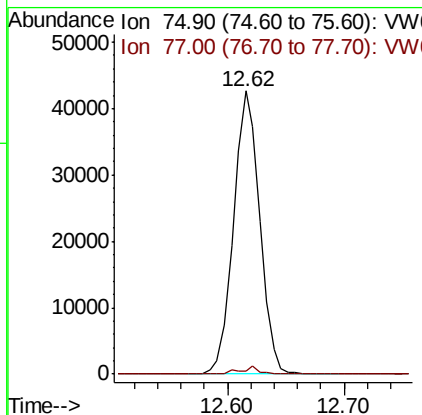
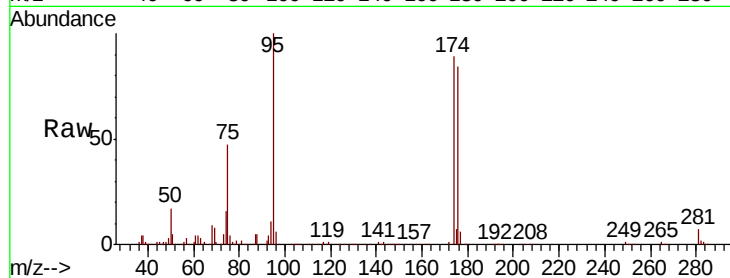
ClientSampleId :

Tot Ion: 75 Resp: 66687

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.130 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013731.D

Acq: 25 Oct 2019 00:05

Tgt Ion: 75 Resp: 66687

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

