

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 :
 707-58-(1)

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

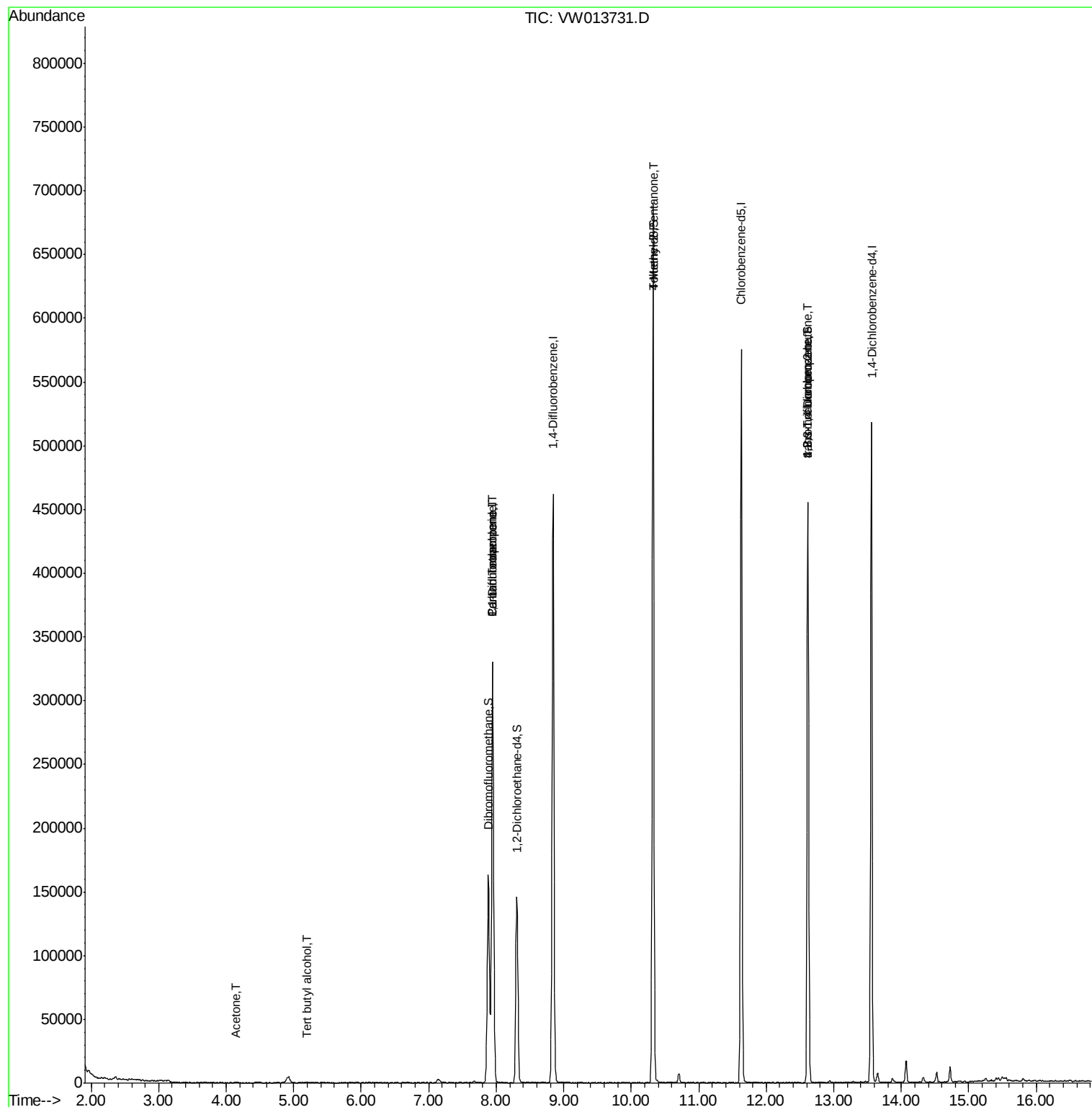
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151118	50.00	ug/l	0.00
System Monitoring Compounds						
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

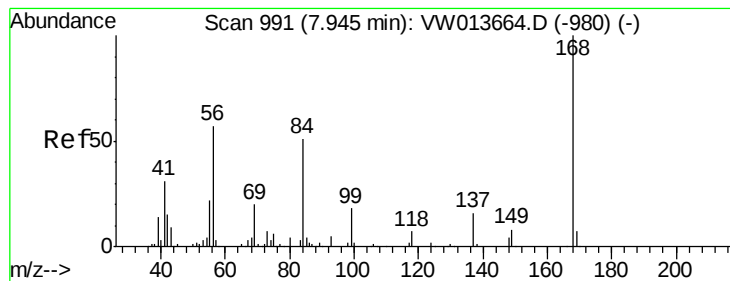
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 :
707-58-(1)

Quant Time: Oct 25 08:01:54 2019
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

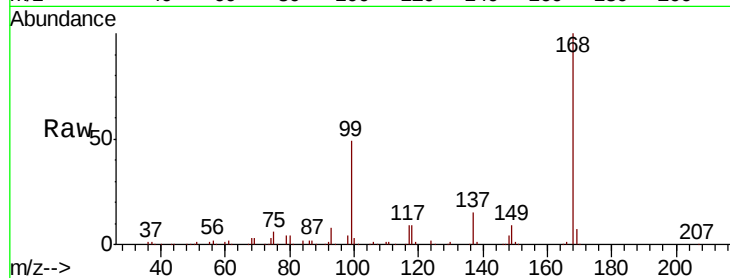
Instrument :
MSVOA_W
ClientSampleId :
707-58-(1)

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

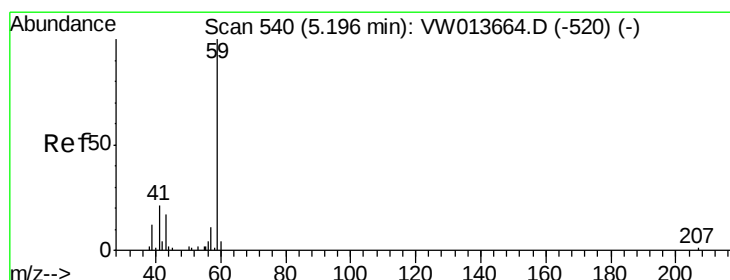
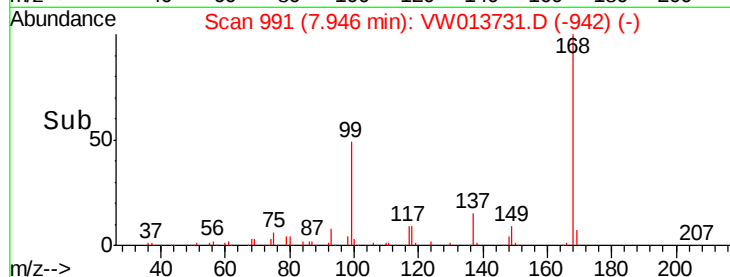
100000

50000

0

7.90 8.00

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

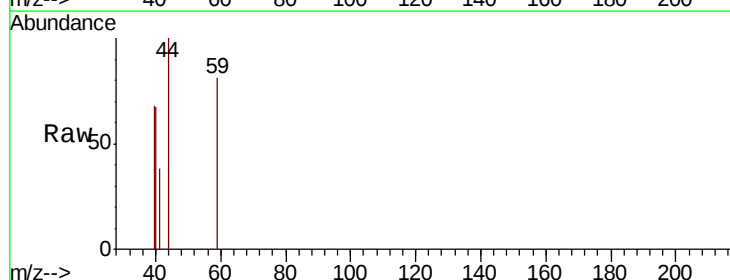
Acq: 25 Oct 2019 00:05

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

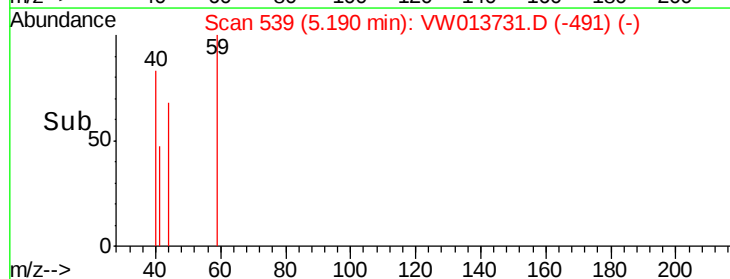
100

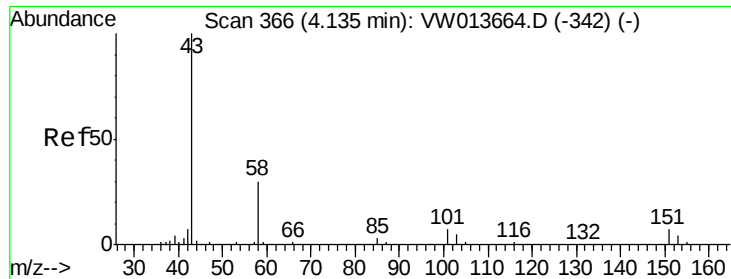
50

0

5.14 5.16 5.18 5.20

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 :

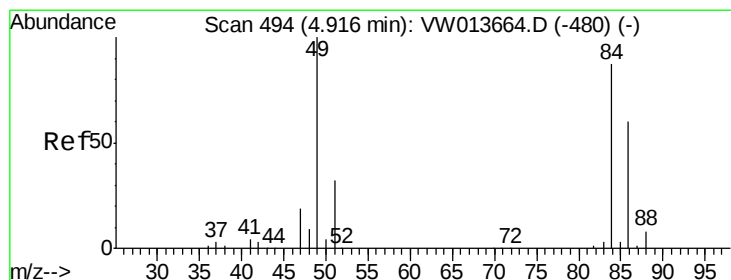
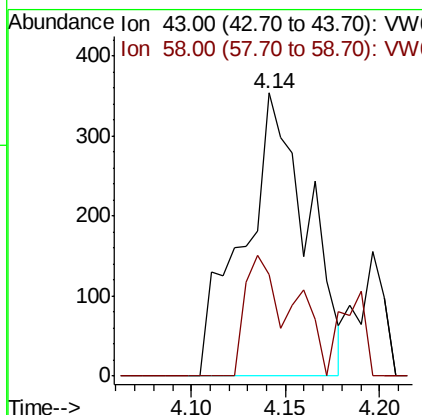
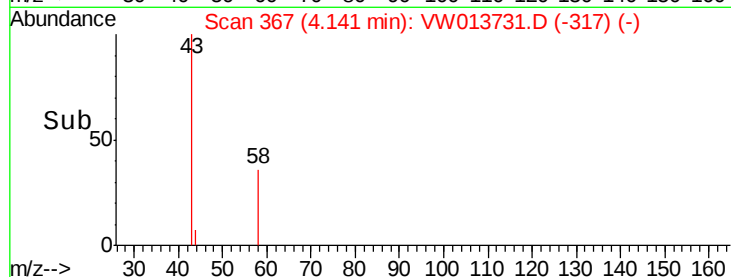
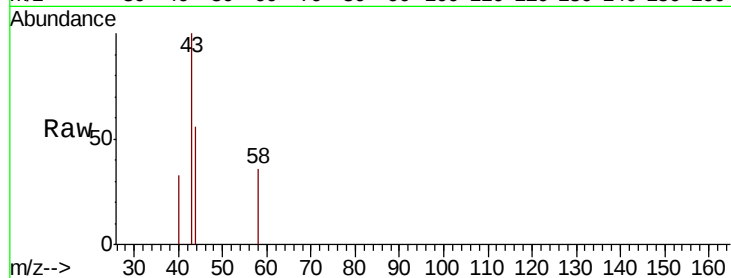
707-58-(1)

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

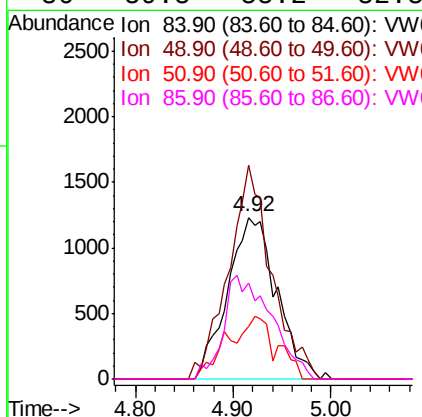
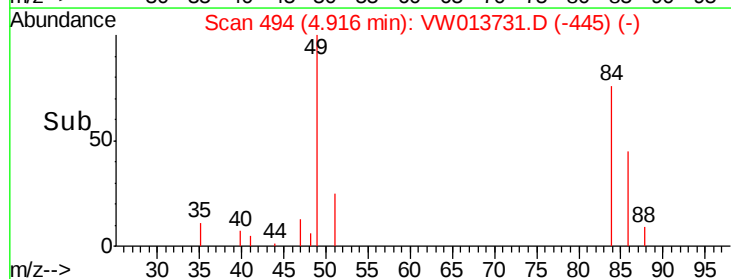
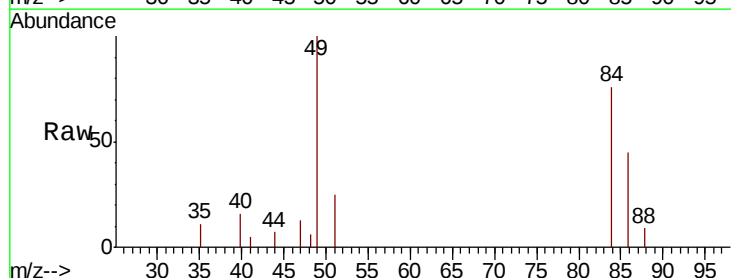
Ion Ratio Lower Upper

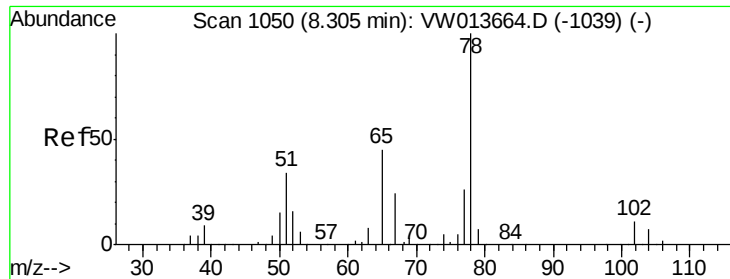
84 100

49 132.1 91.8 137.6

51 32.6 29.8 44.6

86 59.5 55.2 82.8

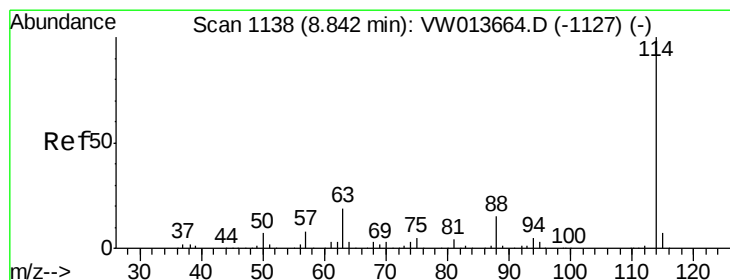
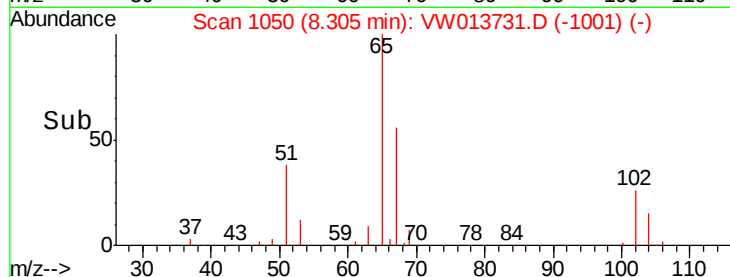
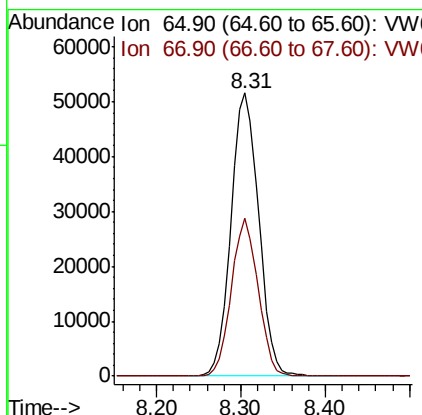
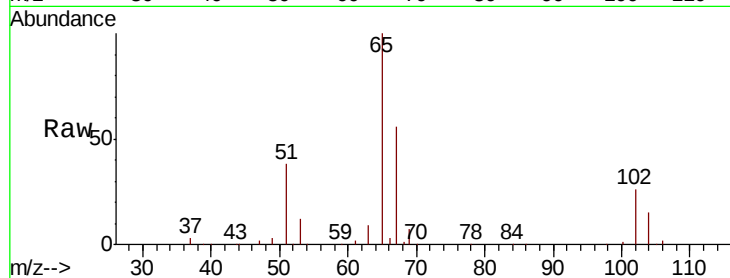




#33
 1,2-Dichloroethane-d4
 Concen: 57.036 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013731.D
 Acq: 25 Oct 2019 00:05

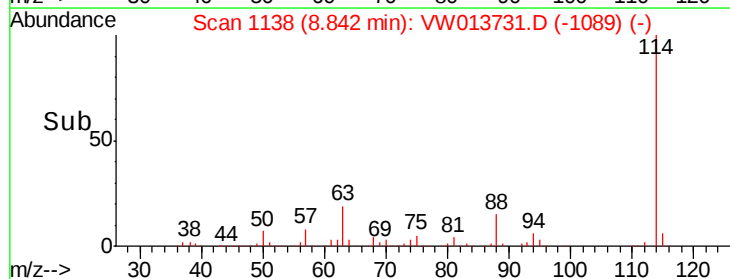
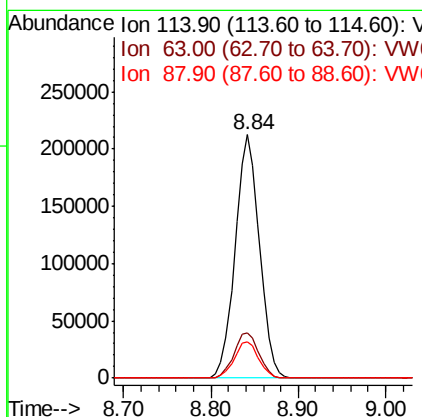
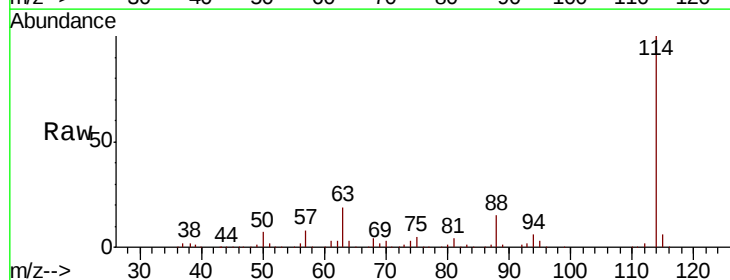
Instrument :
 MSVOA_W
 ClientSampleId :
 707-58-(1)

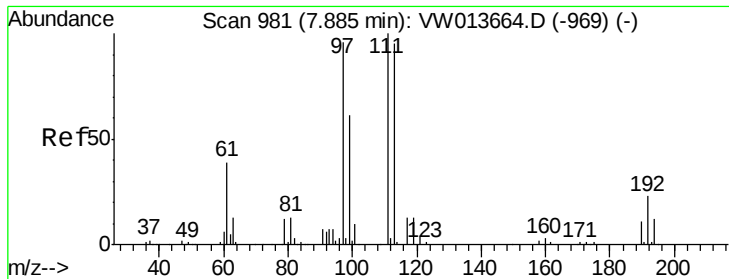
Tot Ion: 65 Resp: 114531
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#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

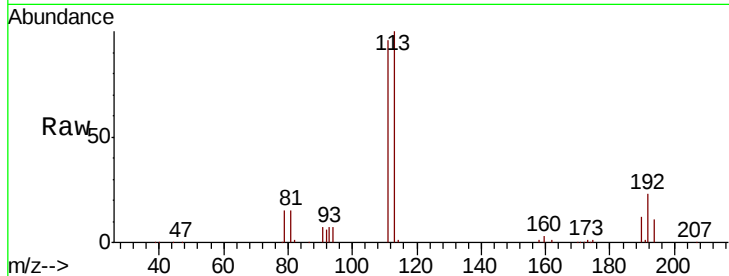




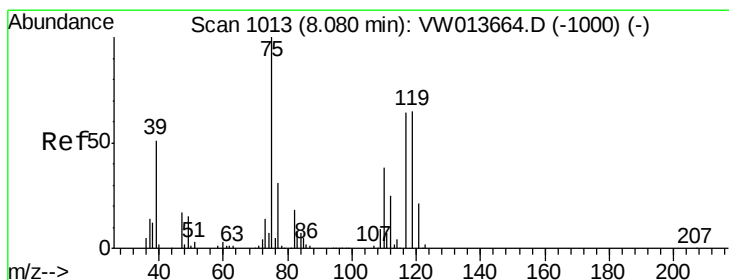
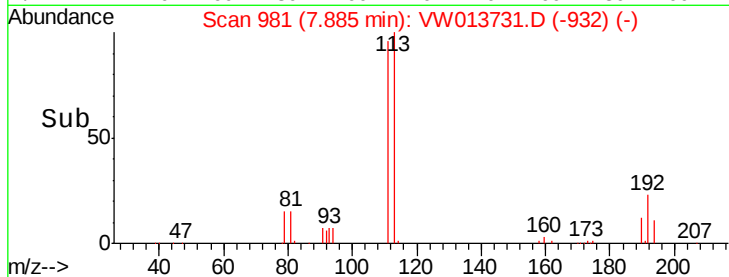
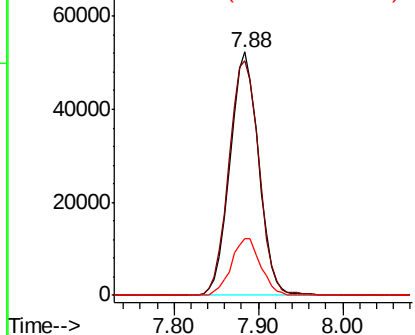
#35
 Dibromofluoromethane
 Concen: 52.855 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013731.D
 Acq: 25 Oct 2019 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 707-58-(1)

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

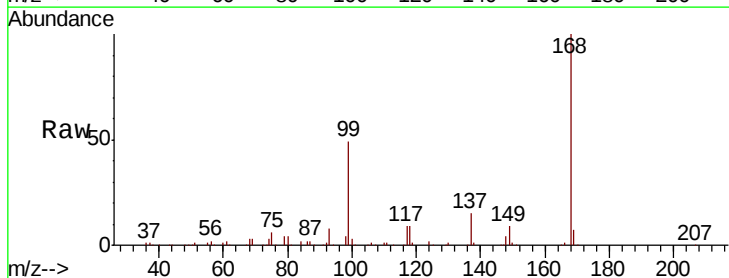


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

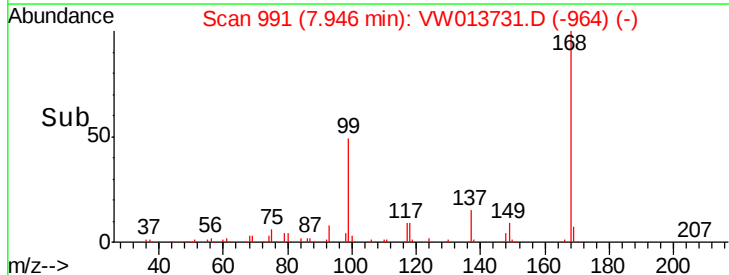
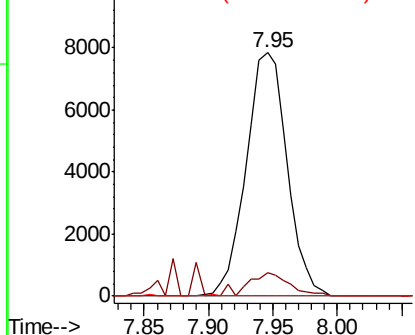


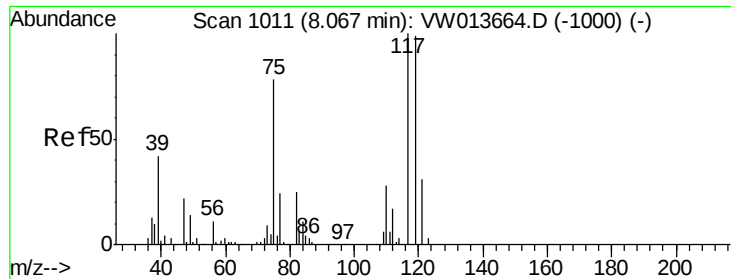
#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013731.D
 Acq: 25 Oct 2019 00:05

Tgt Ion	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

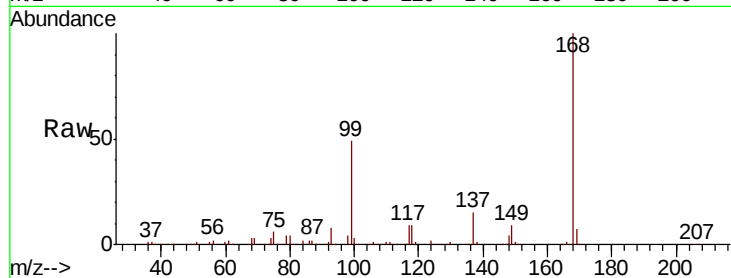




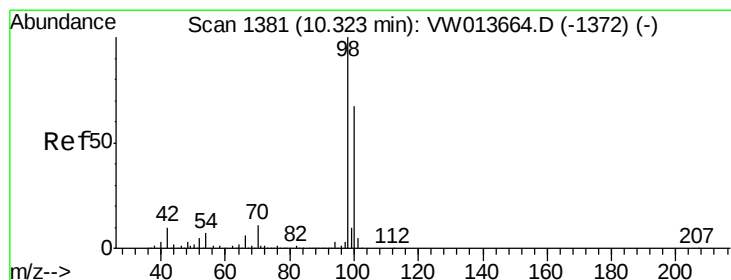
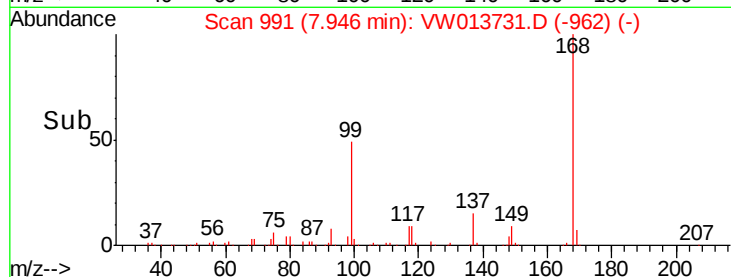
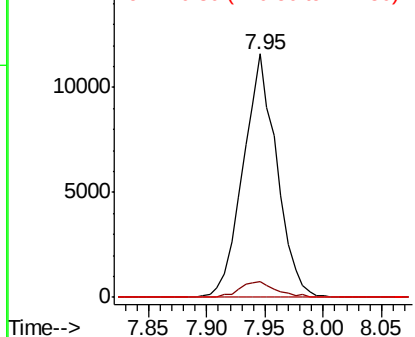
#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013731.D
Acq: 25 Oct 2019 00:05

Instrument :
MSVOA_W
ClientSampleId :
707-58-(1)

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#

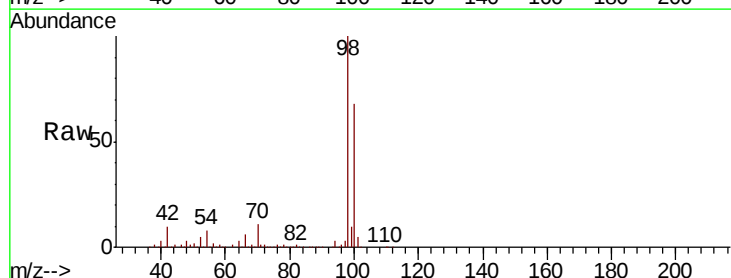


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

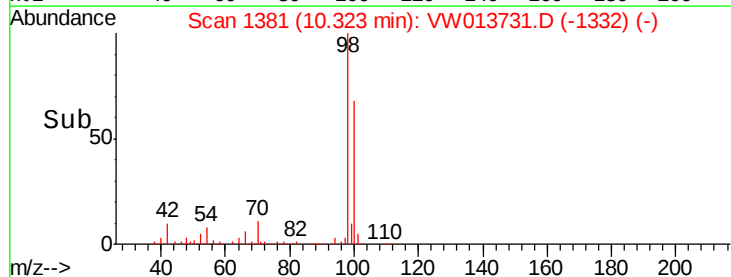
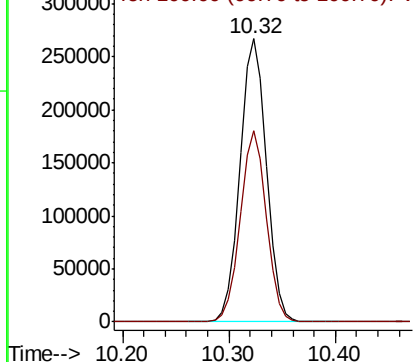


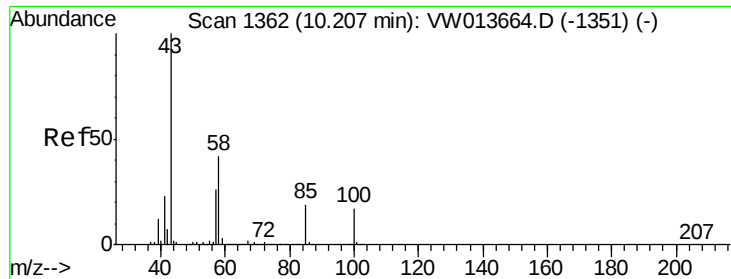
#50
Toluene-d8
Concen: 50.260 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013731.D
Acq: 25 Oct 2019 00:05

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): VW





#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 :

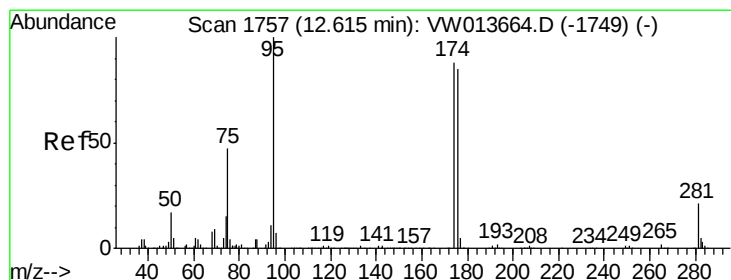
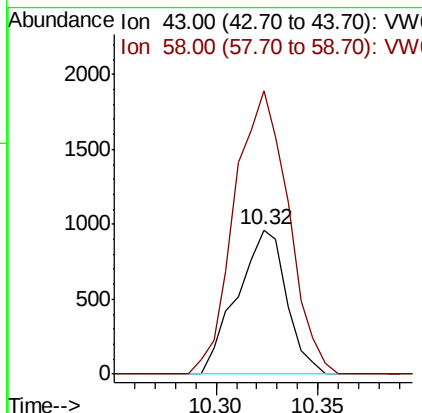
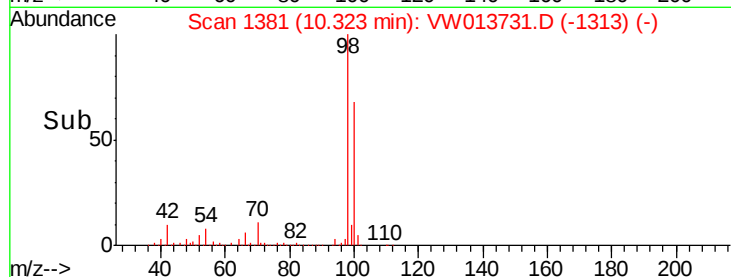
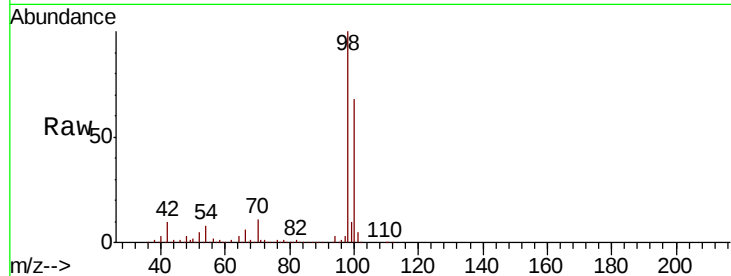
707-58-(1)

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

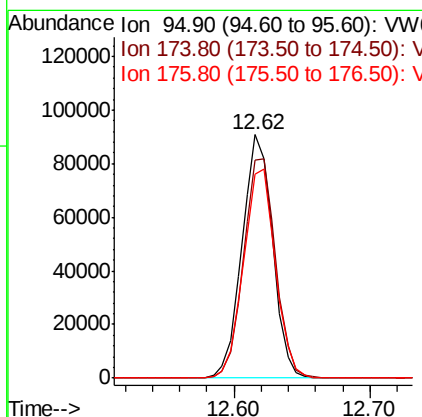
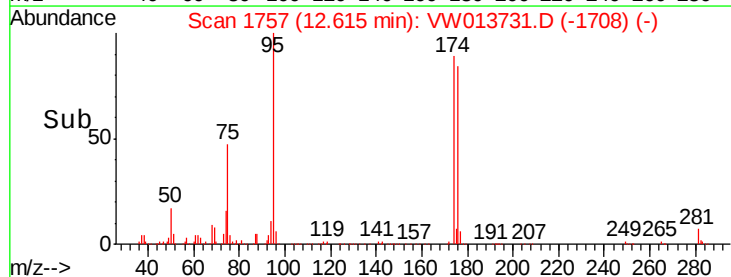
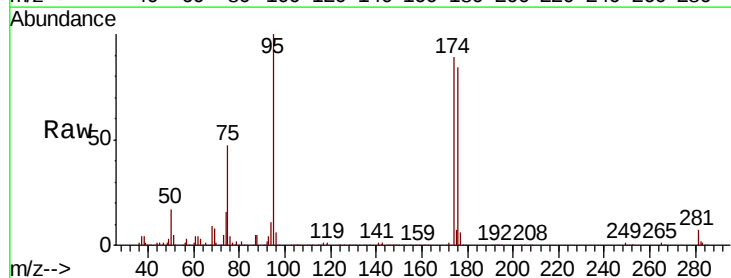
Tgt Ion: 95 Resp: 142803

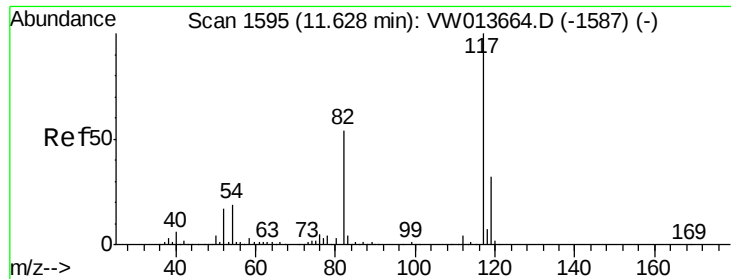
Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.6

176 89.7 0.0 178.0

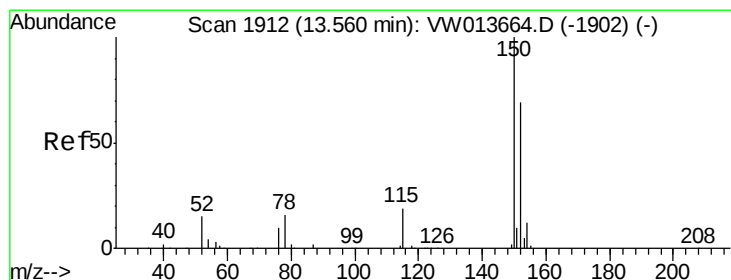
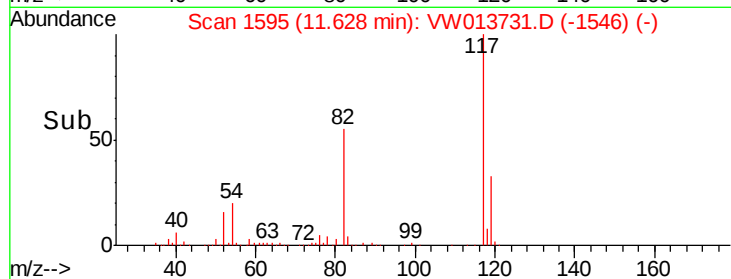
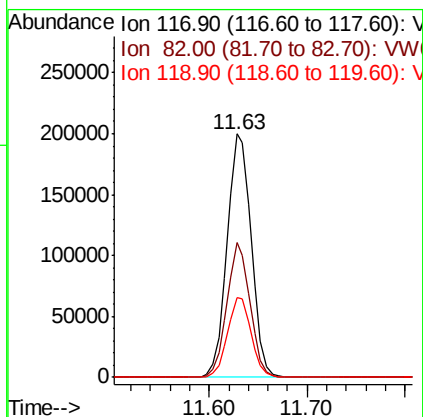
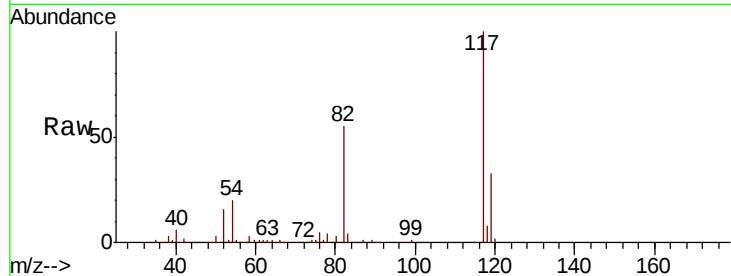




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013731.D
Acq: 25 Oct 2019 00:05

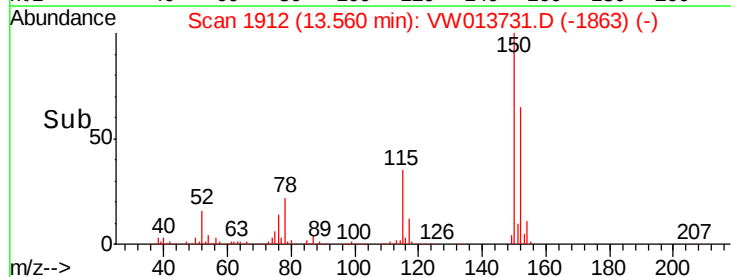
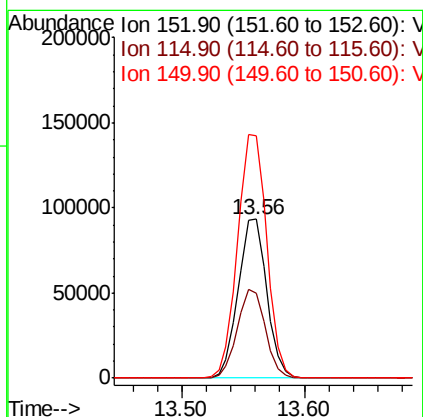
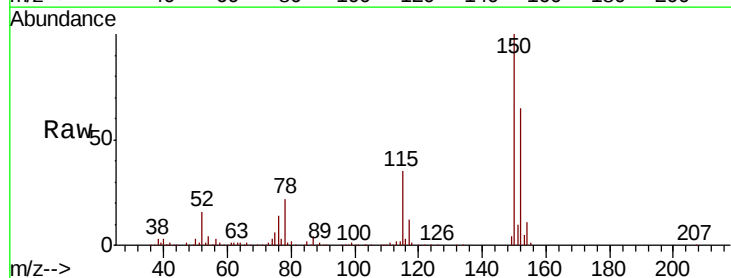
Instrument :
MSVOA_W
ClientSampleId :
707-58-(1)

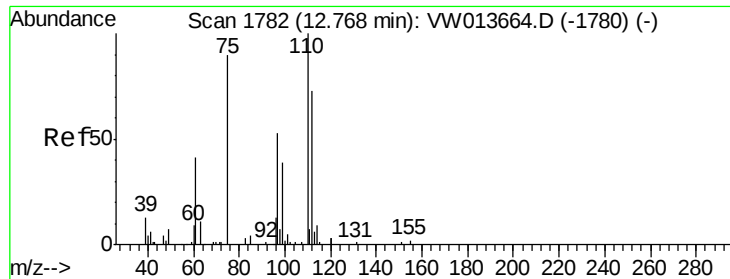
Tot Ion:117 Resp: 341115
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 32.5 25.4 38.2



#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





#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 :

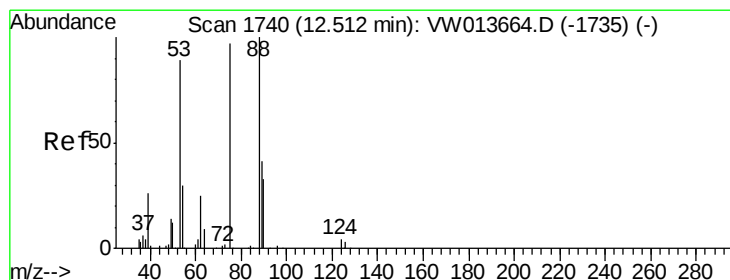
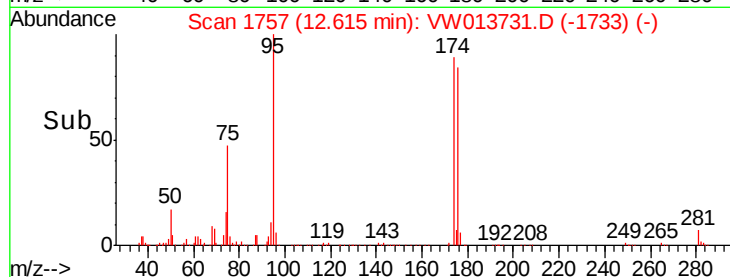
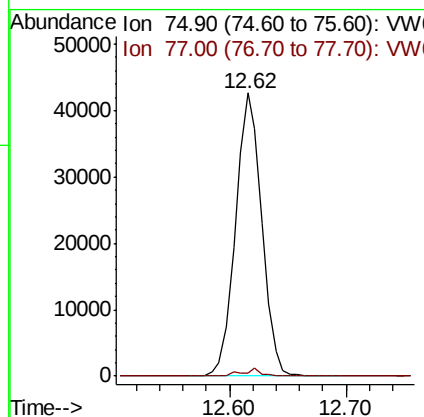
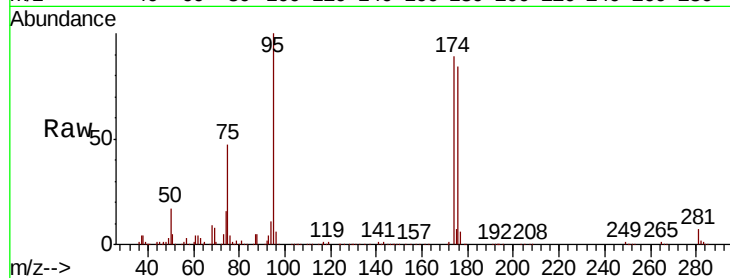
707-58-(1)

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#

