

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013726.D
 Acq On : 24 Oct 2019 21:56
 Operator : SY/VA
 Sample : K5499-04RE
 Misc : 6.96G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 194-84-(1)RE

Quant Time: Oct 25 08:01:02 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

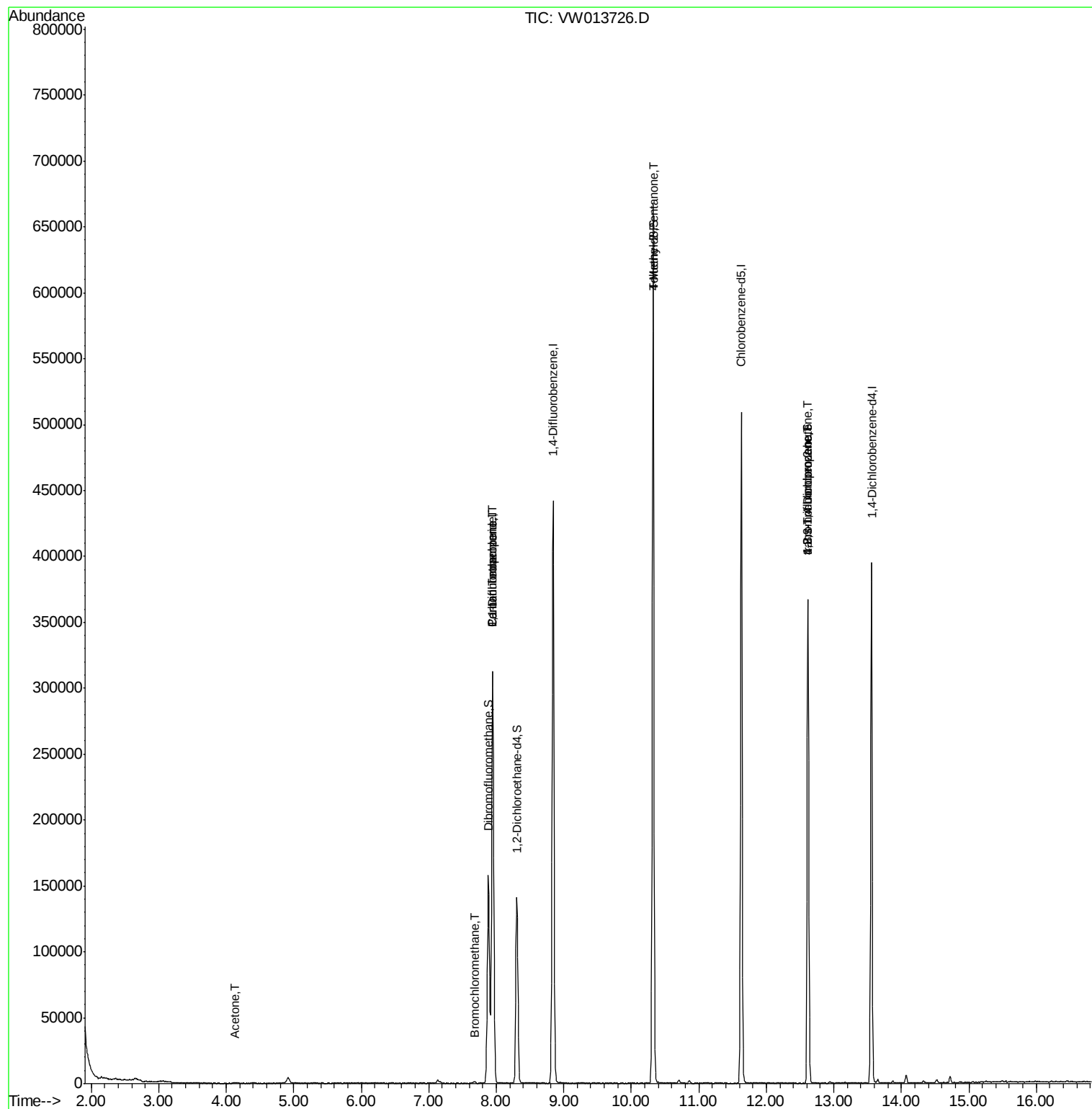
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106984	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
35) Dibromofluoromethane	7.88	113	114371	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.32	98	447151	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	120940	40.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.20%	
Target Compounds						
16) Acetone	4.13	43	1137	2.722	ug/l	98
20) Methylene Chloride	4.92	84	3579	Below Cal		85
28) Bromochloromethane	7.67	49	22	1.355	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	16376	4.470	ug/l #	47
38) Carbon Tetrachloride	7.95	117	23032	6.981	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1767	1.325	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	55353	68.429	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55353	129.322	ug/l #	14

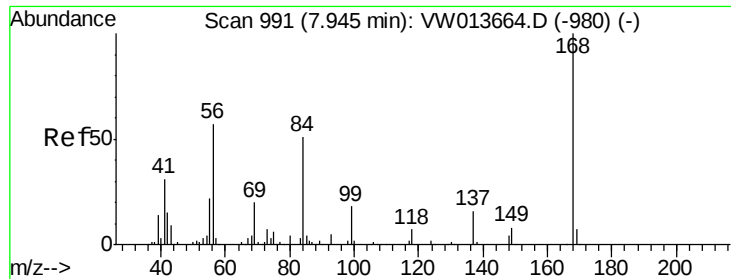
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013726.D

Acq: 24 Oct 2019 21:56

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MSVOA_W

ClientSampleId :

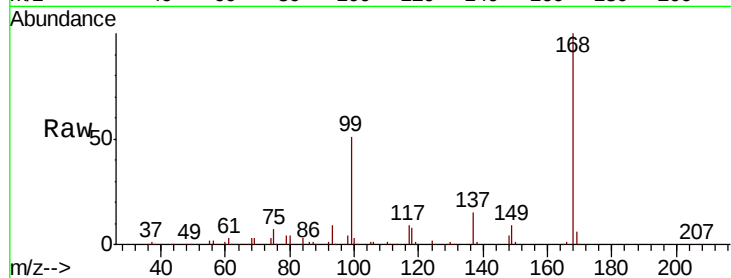
194-84-(1)RE

Tot Ion:168 Resp: 262606

Ion Ratio Lower Upper

168 100

99 50.7 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

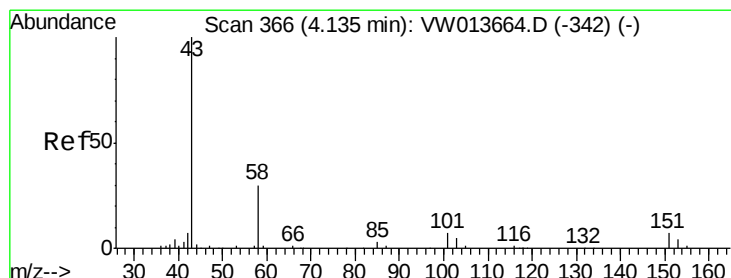
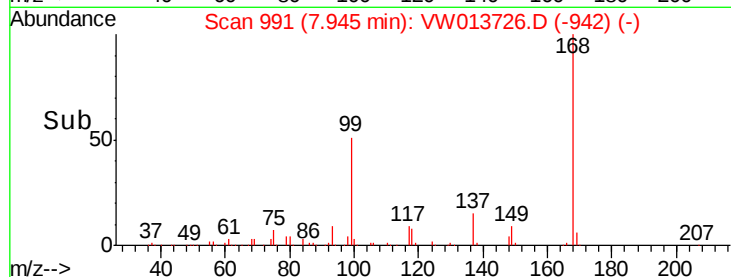
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 2.722 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013726.D

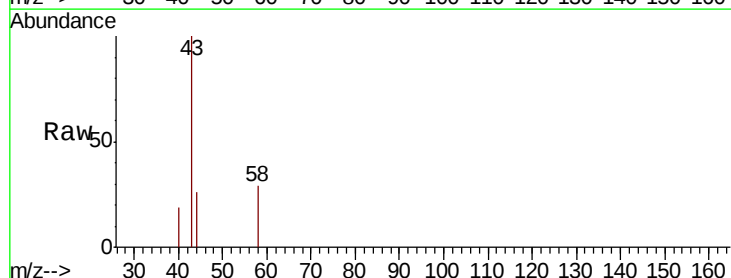
Acq: 24 Oct 2019 21:56

Tgt Ion: 43 Resp: 1137

Ion Ratio Lower Upper

43 100

58 29.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

500

400

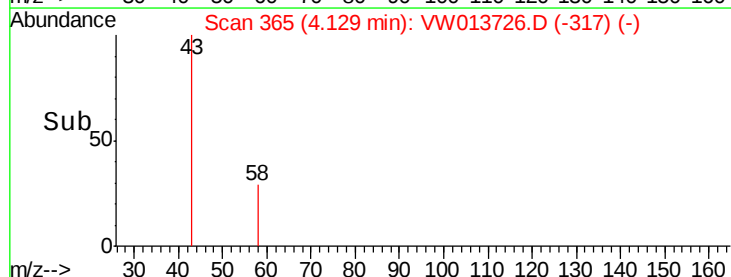
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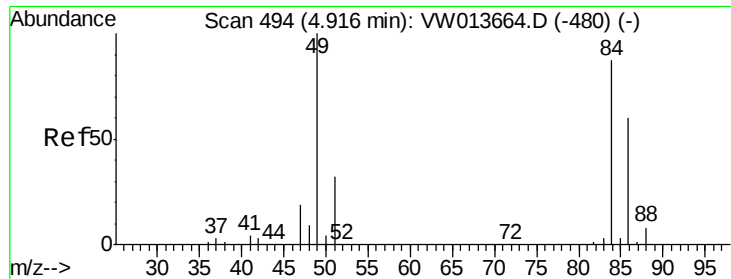
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100

0

Time-->

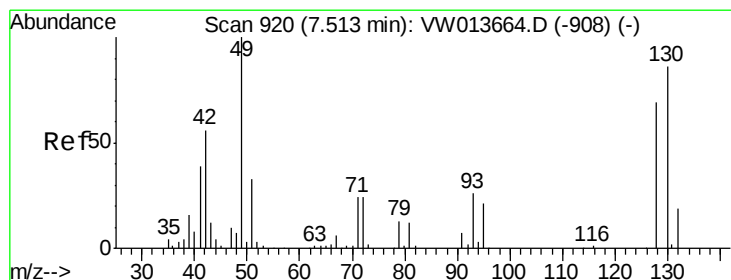
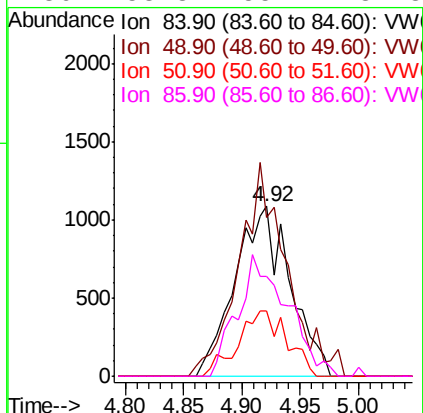
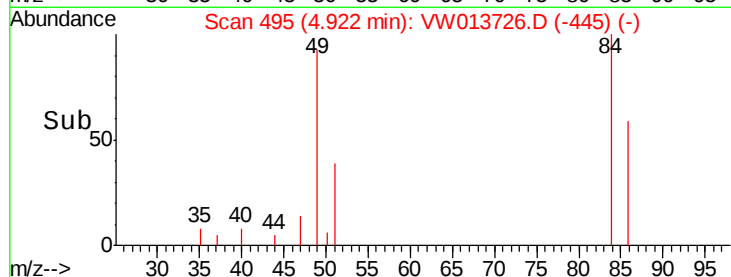
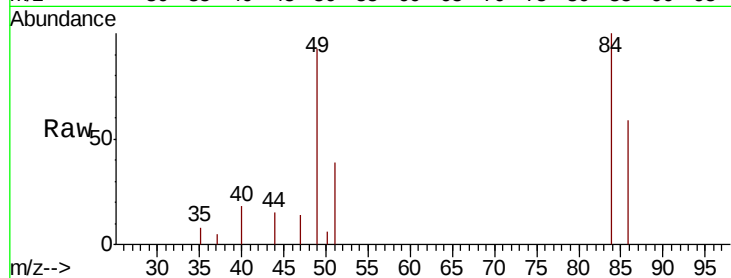




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013726.D
Acq: 24 Oct 2019 21:56

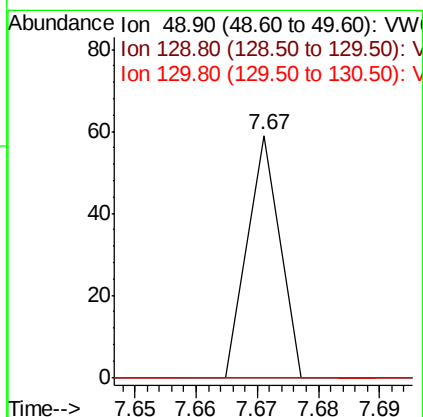
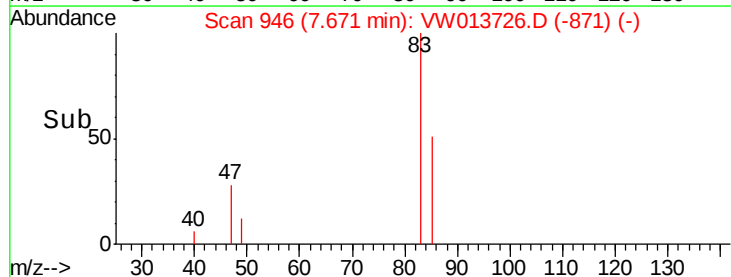
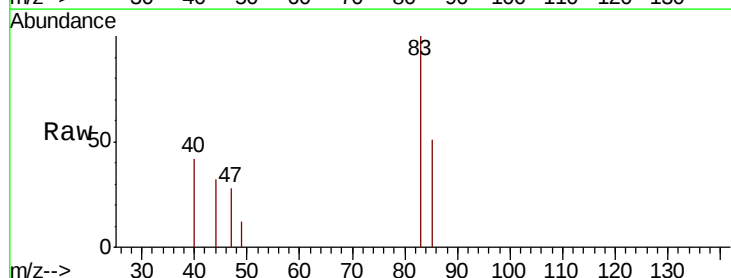
Instrument :
MSVOA_W
ClientSampleId :
194-84-(1)RE

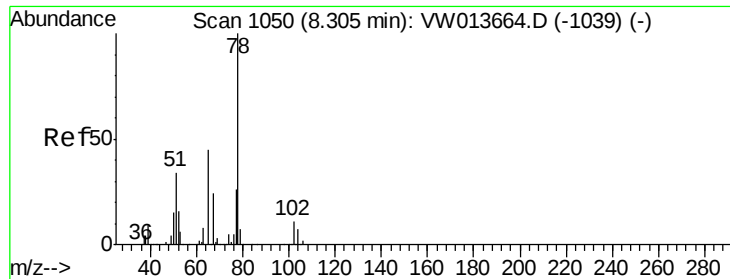
Tot Ion: 84 Resp: 3579
Ion Ratio Lower Upper
84 100
49 93.3 91.8 137.6
51 38.5 29.8 44.6
86 58.8 55.2 82.8



#28
Bromochloromethane
Concen: 1.355 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.16 min
Lab File: VW013726.D
Acq: 24 Oct 2019 21:56

Tgt Ion: 49 Resp: 22
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.6
130 0.0 67.5 101.3#

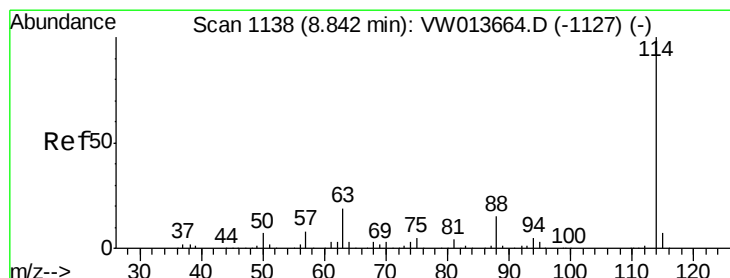
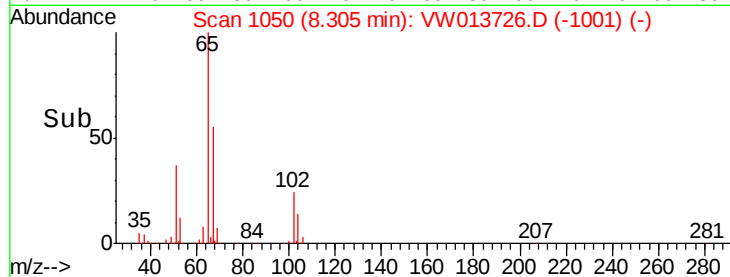
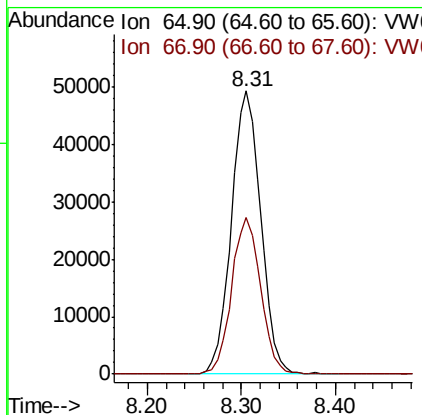
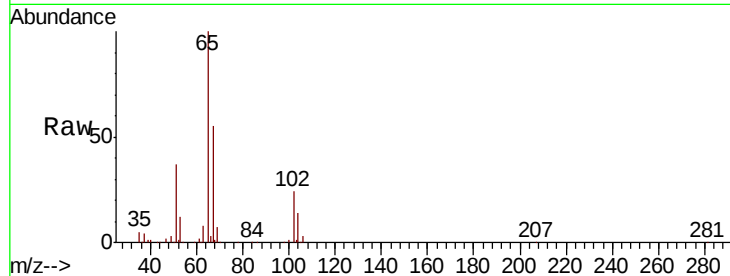




#33
 1,2-Dichloroethane-d4
 Concen: 54.307 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013726.D
 Acq: 24 Oct 2019 21:56

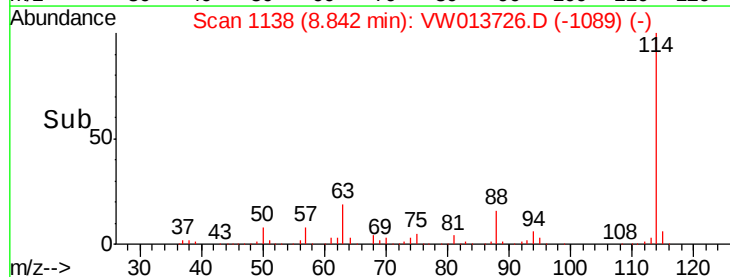
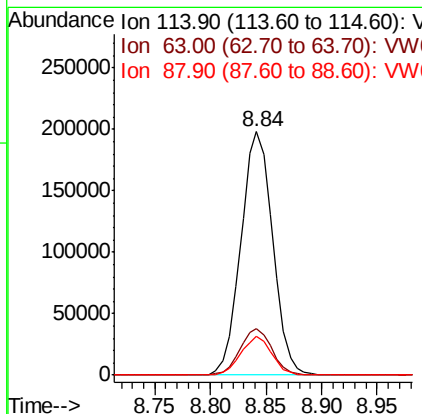
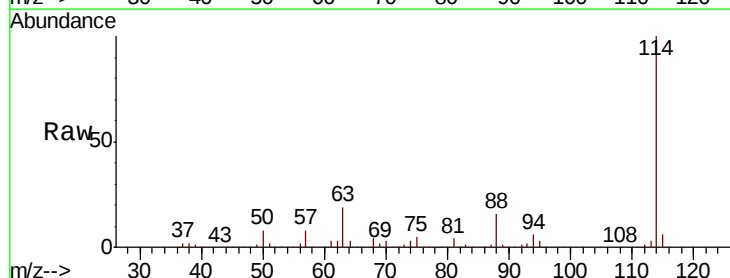
Instrument :
 MSVOA_W
 ClientSampleId :
 194-84-(1)RE

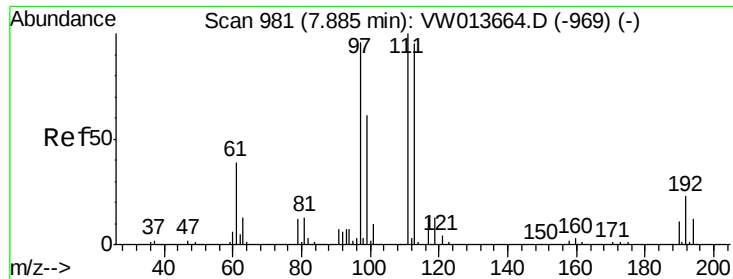
Tot Ion: 65 Resp: 106984
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013726.D
 Acq: 24 Oct 2019 21:56

Tgt Ion: 114 Resp: 393387
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.6
 88 15.9 0.0 30.2

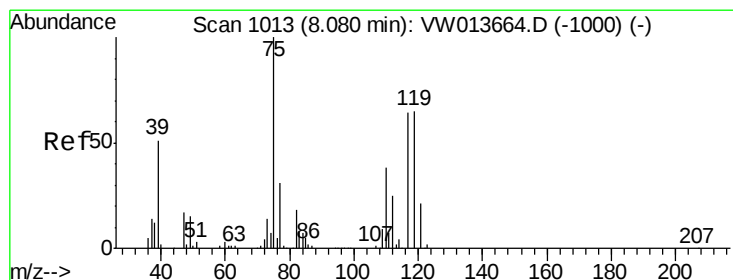
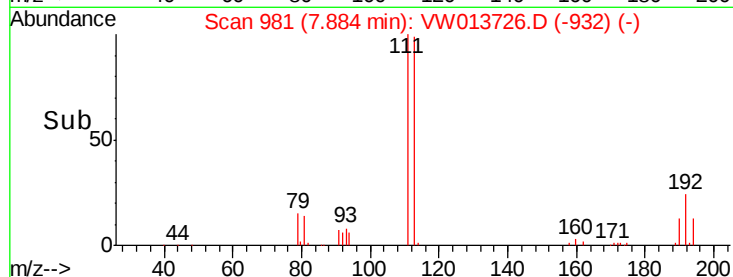
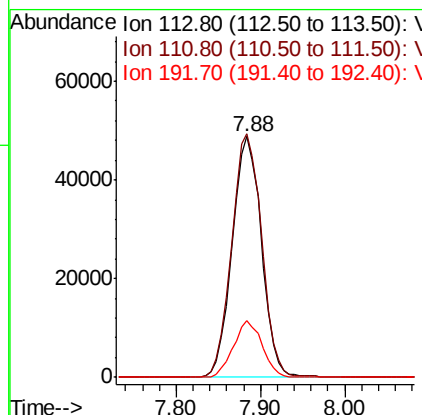
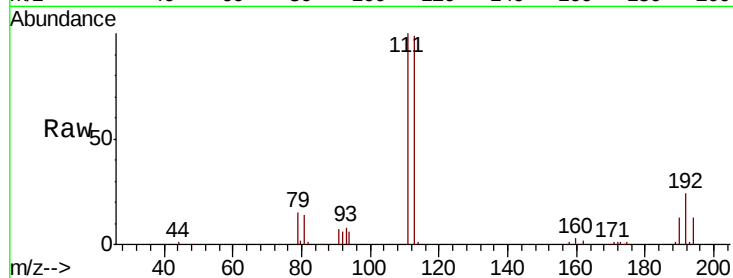




#35
 Dibromofluoromethane
 Concen: 52.323 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013726.D
 Acq: 24 Oct 2019 21:56

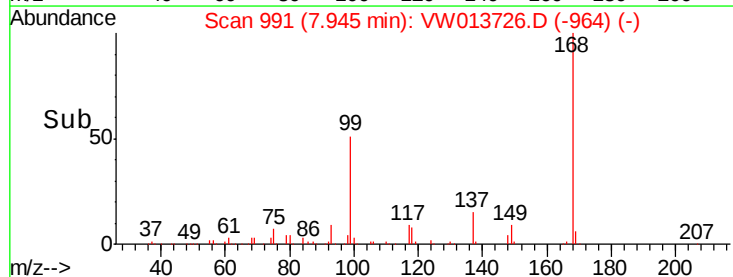
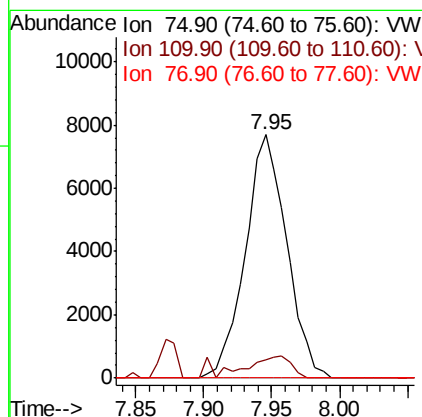
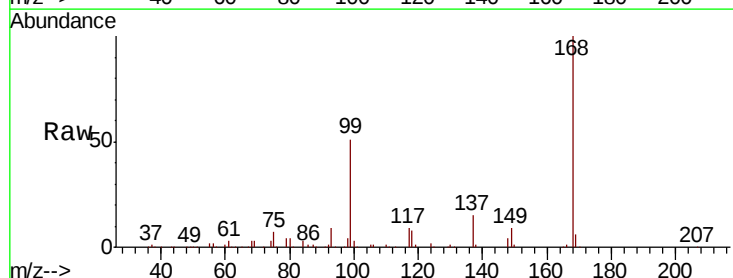
Instrument :
 MSVOA_W
 ClientSampleId :
 194-84-(1)RE

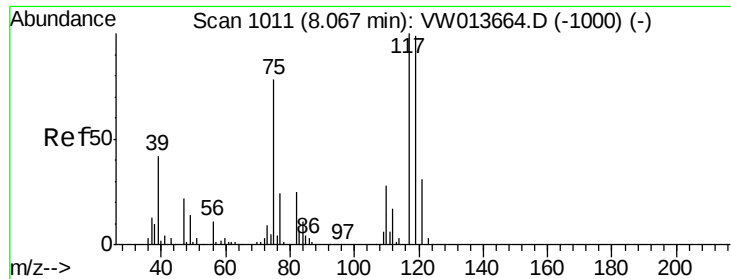
Tot Ion:113 Resp: 114371
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.6
 192 23.2 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.470 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013726.D
 Acq: 24 Oct 2019 21:56

Tgt Ion: 75 Resp: 16376
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.7 56.1#
 77 0.0 25.4 38.0#

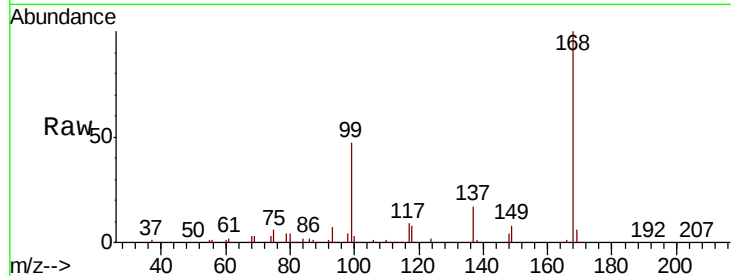




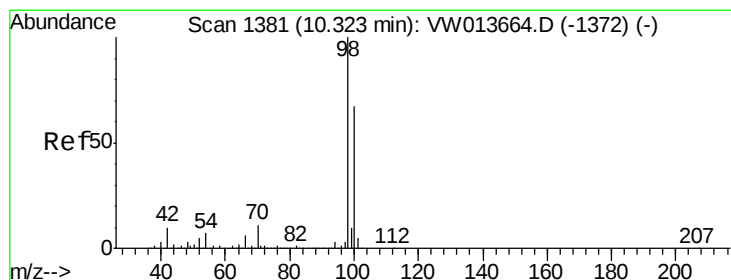
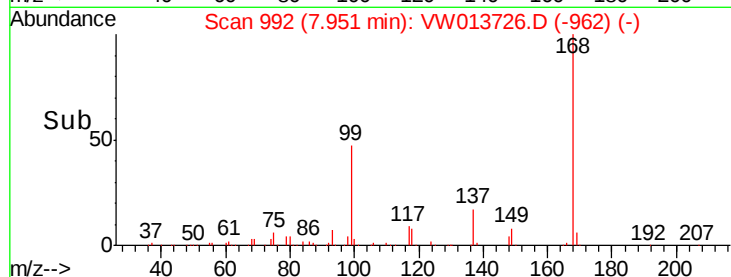
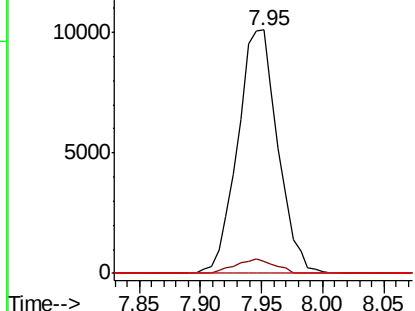
#38
Carbon Tetrachloride
Concen: 6.981 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW013726.D
Acq: 24 Oct 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
194-84-(1)RE

Tot Ion:117 Resp: 23032
Ion Ratio Lower Upper
117 100
119 4.9 79.0 118.4#
121 0.0 24.5 36.7#

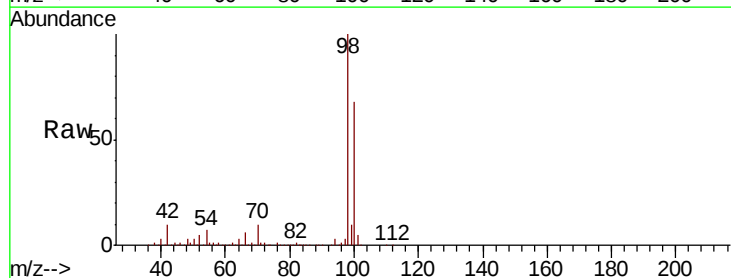


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

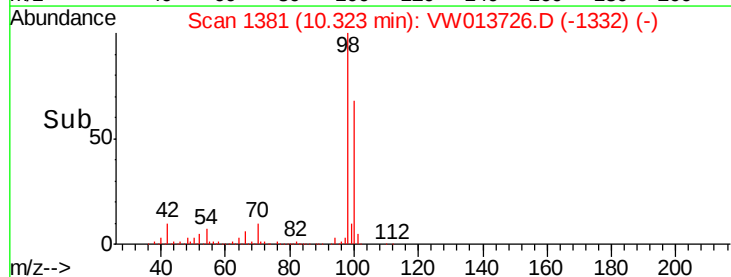
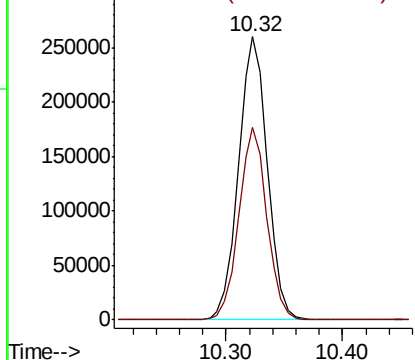


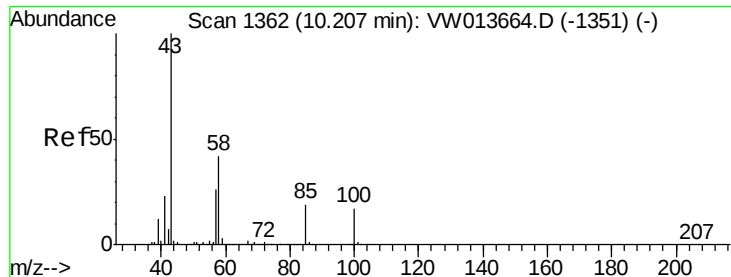
#50
Toluene-d8
Concen: 50.203 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013726.D
Acq: 24 Oct 2019 21:56

Tgt Ion: 98 Resp: 447151
Ion Ratio Lower Upper
98 100
100 66.2 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: 1.325 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013726.D

Acq: 24 Oct 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

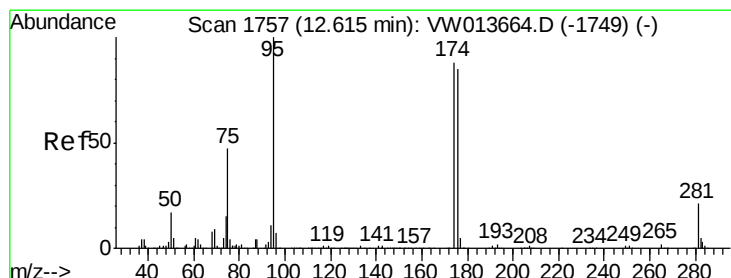
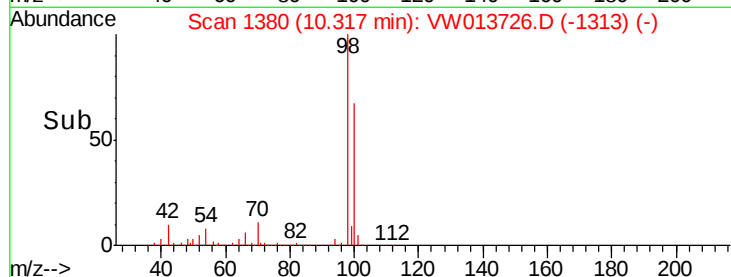
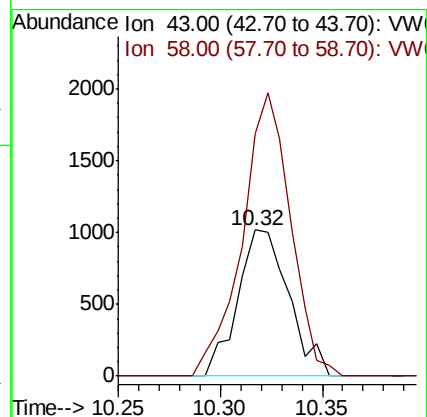
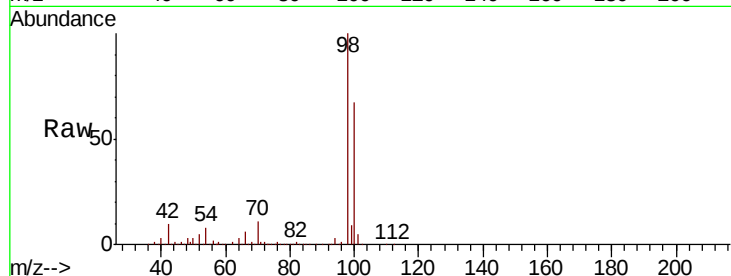
194-84-(1)RE

Tot Ion: 43 Resp: 1767

Ion Ratio Lower Upper

43 100

58 183.8 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 40.101 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013726.D

Acq: 24 Oct 2019 21:56

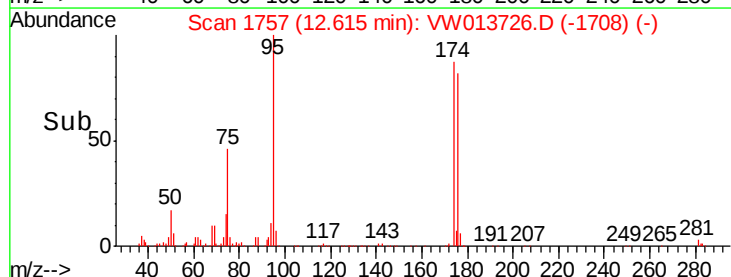
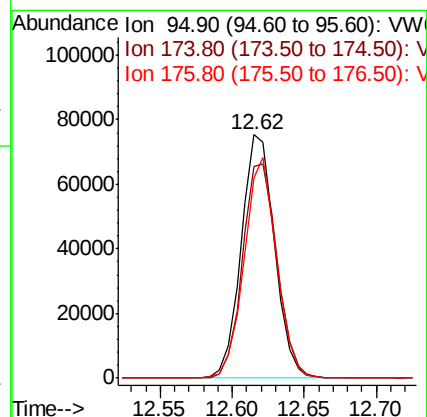
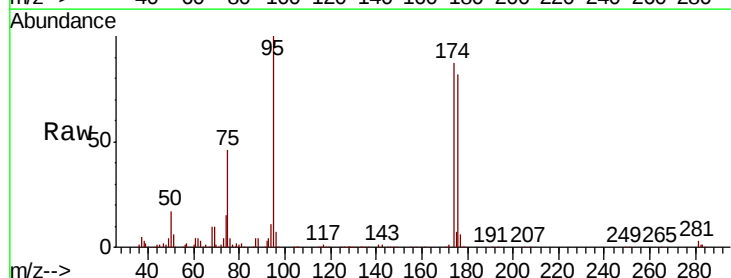
Tgt Ion: 95 Resp: 120940

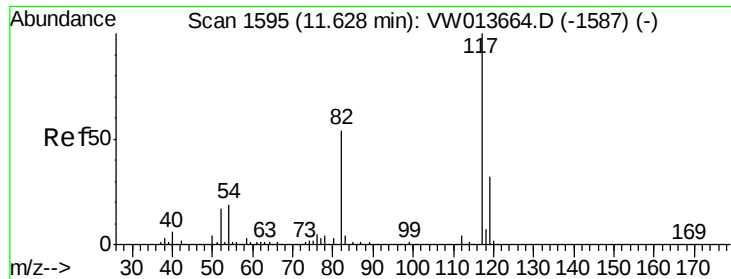
Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.6

176 87.6 0.0 178.0

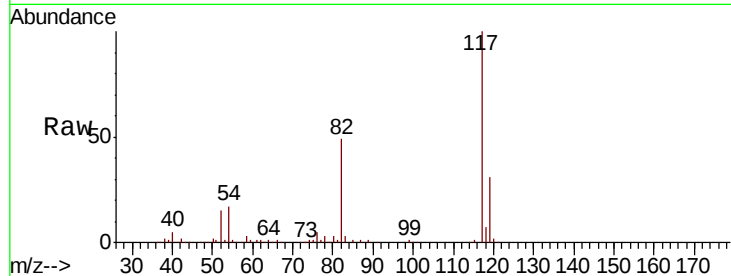




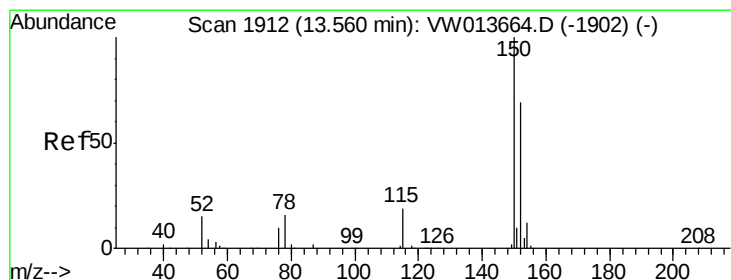
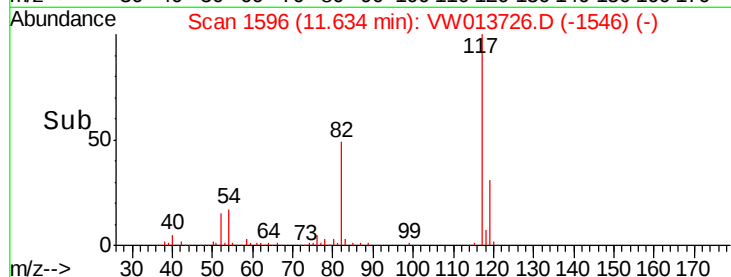
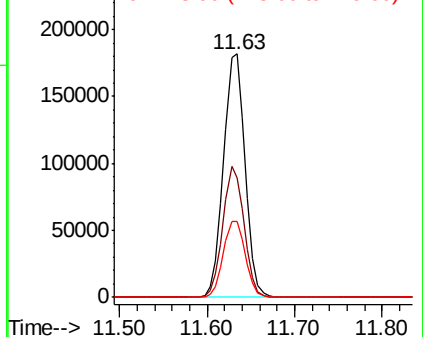
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013726.D
Acq: 24 Oct 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
194-84-(1)RE

Tot Ion:117 Resp: 310192
Ion Ratio Lower Upper
117 100
82 49.0 43.6 65.4
119 31.2 25.4 38.2

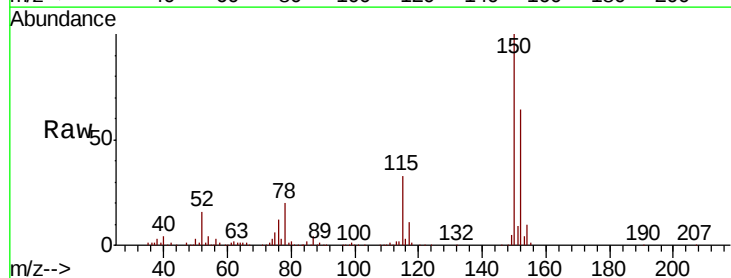


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

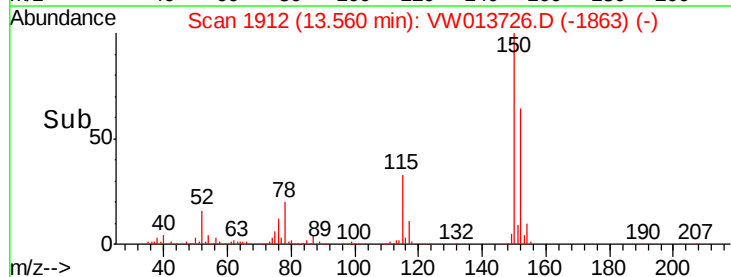
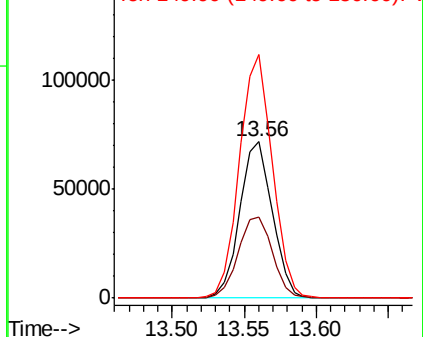


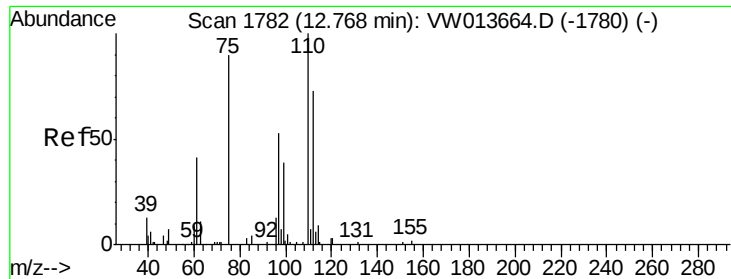
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013726.D
Acq: 24 Oct 2019 21:56

Tgt Ion:152 Resp: 112639
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 157.3 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: 68.429 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013726.D

Acq: 24 Oct 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

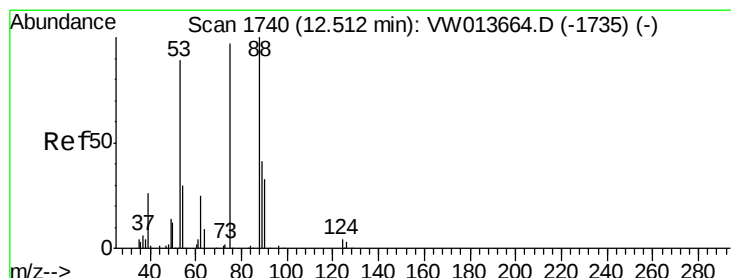
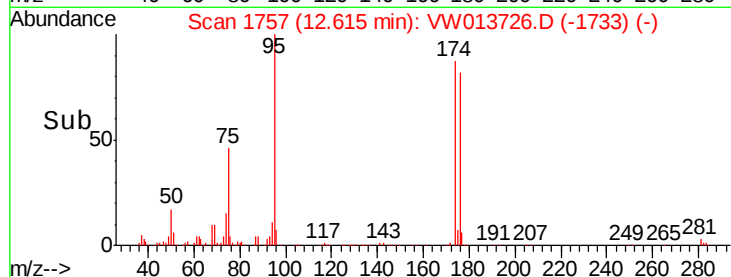
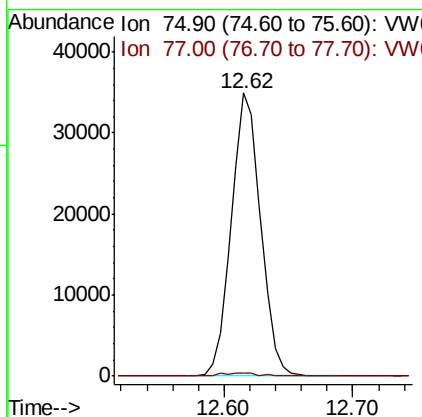
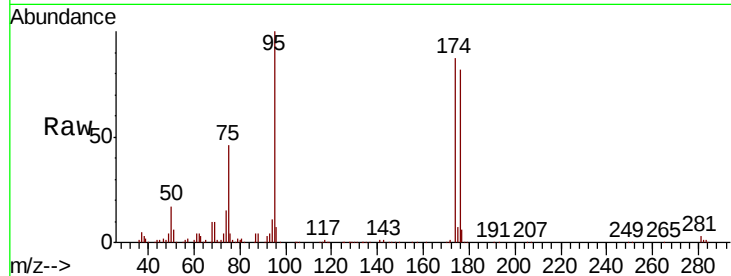
194-84-(1)RE

Tot Ion: 75 Resp: 55353

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.322 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013726.D

Acq: 24 Oct 2019 21:56

Tgt Ion: 75 Resp: 55353

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

