

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013702.D
 Acq On : 24 Oct 2019 07:53
 Operator : SY/VA
 Sample : K5503-10
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 08:21:16 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

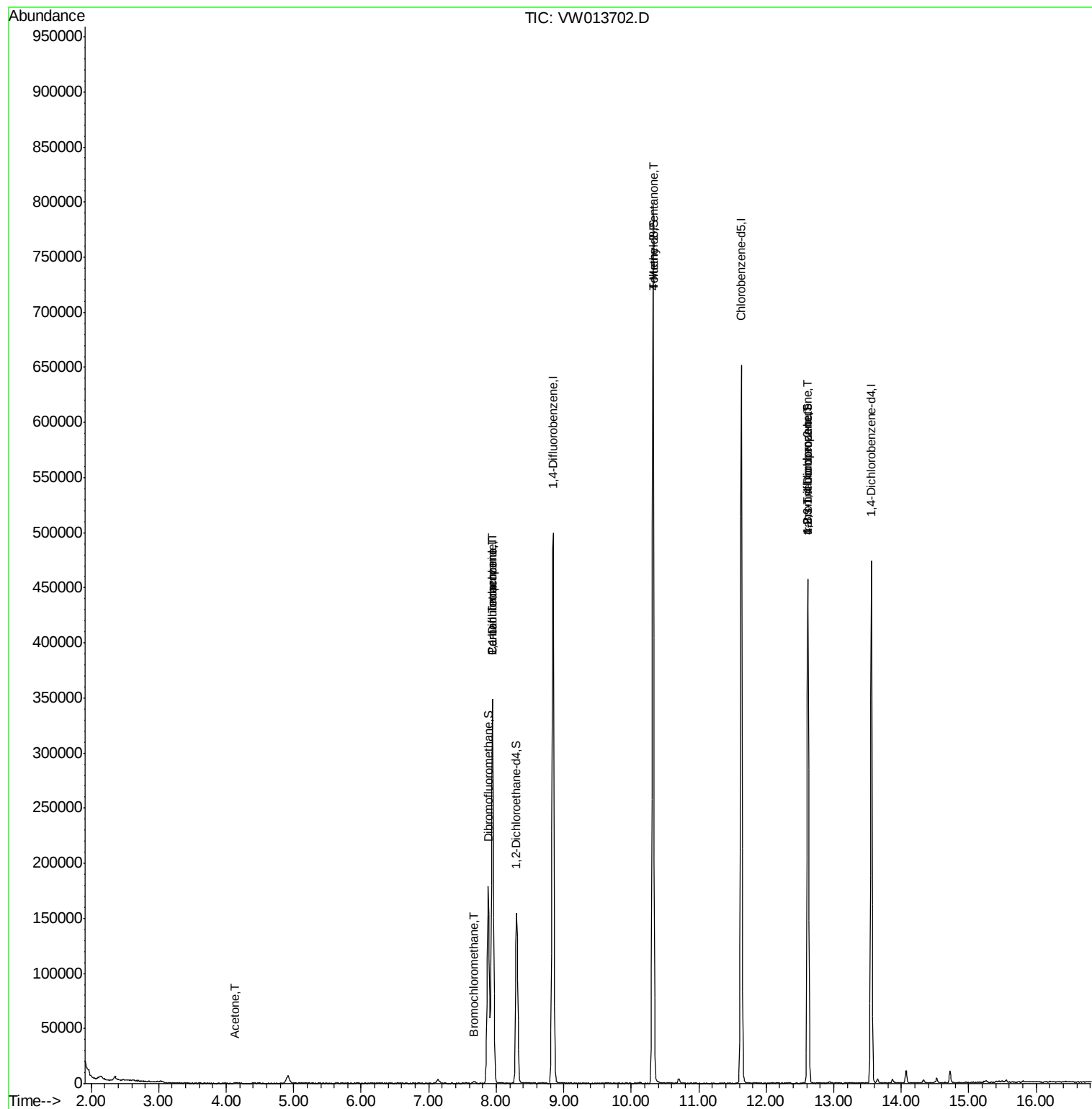
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	137927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	122931	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	
35) Dibromofluoromethane	7.88	113	132550	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	10.32	98	541304	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.62	95	150210	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	531	1.132	ug/l	96
20) Methylene Chloride	4.92	84	6107	Below Cal		97
28) Bromochloromethane	7.68	49	57	1.373	ug/l #	7
36) 1,1-Dichloropropene	7.94	75	18787	4.413	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25226	6.580	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2355	1.519	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	69971	70.641	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69971	133.503	ug/l #	14

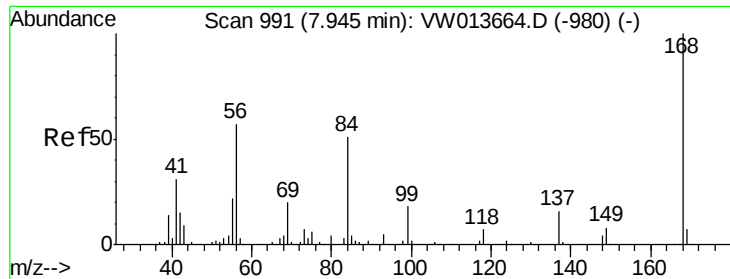
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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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: VW013702.D

Acq: 24 Oct 2019 07:53

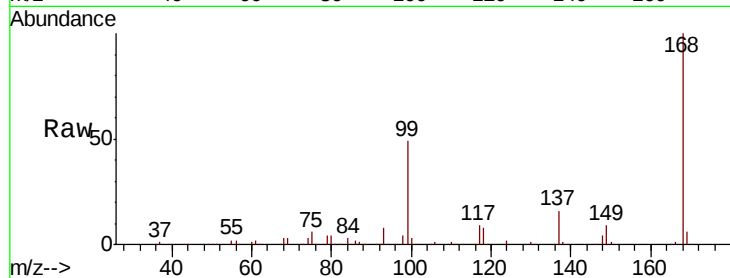
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 294883

Ion Ratio Lower Upper

168 100

99 49.1 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

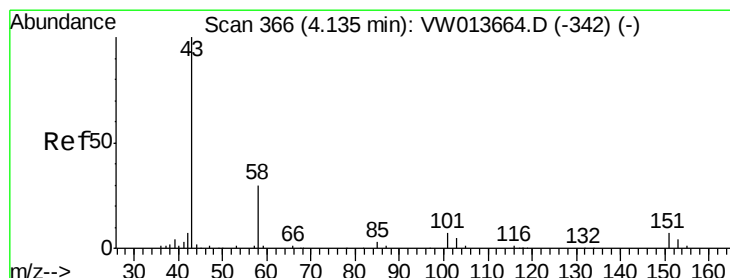
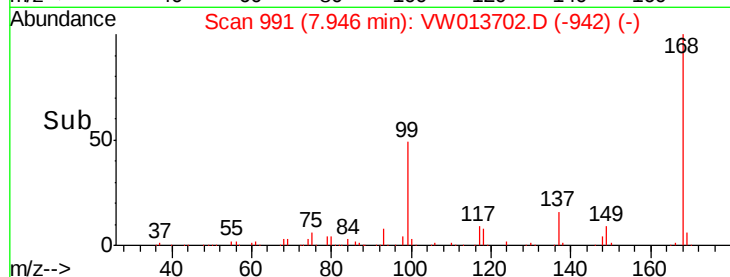
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 1.132 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013702.D

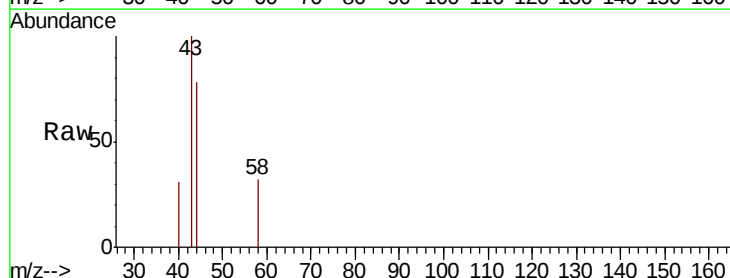
Acq: 24 Oct 2019 07:53

Tgt Ion: 43 Resp: 531

Ion Ratio Lower Upper

43 100

58 32.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

500

400

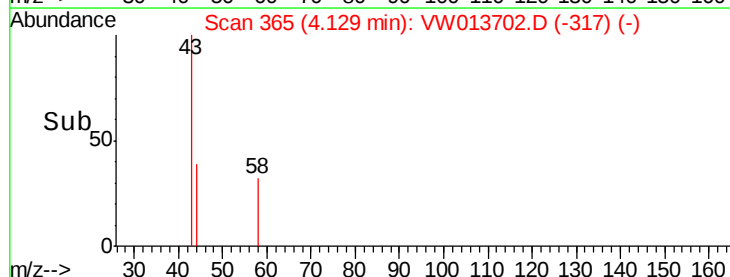
300

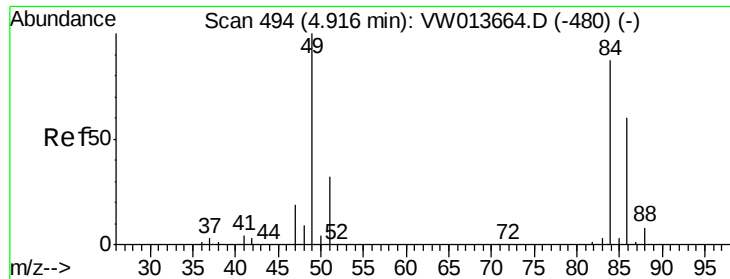
200

100

0

Time--> 4.08 4.10 4.12 4.14

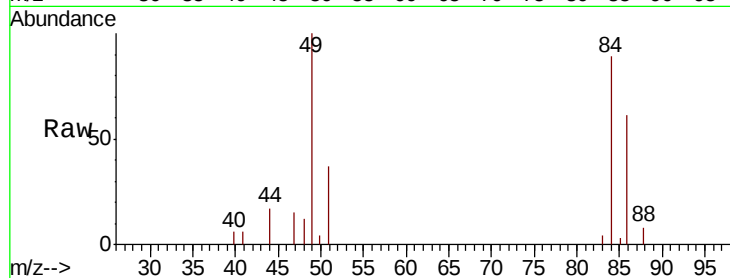




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013702.D
Acq: 24 Oct 2019 07:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	6107
Ion	Ratio	Lower	Upper
84	100		
49	112.1	91.8	137.6
51	41.7	29.8	44.6
86	67.9	55.2	82.8



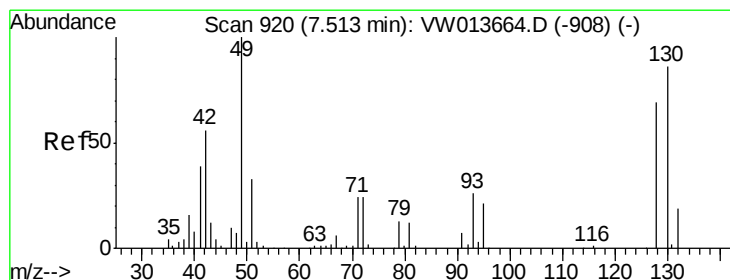
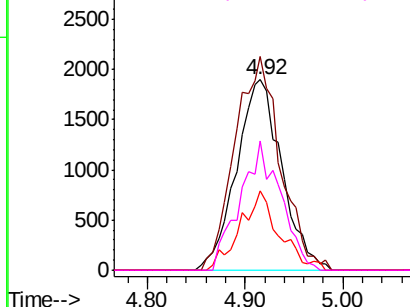
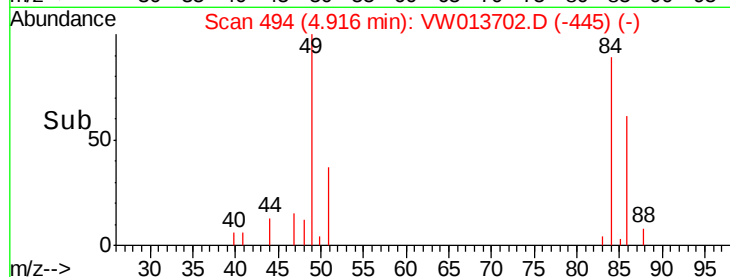
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

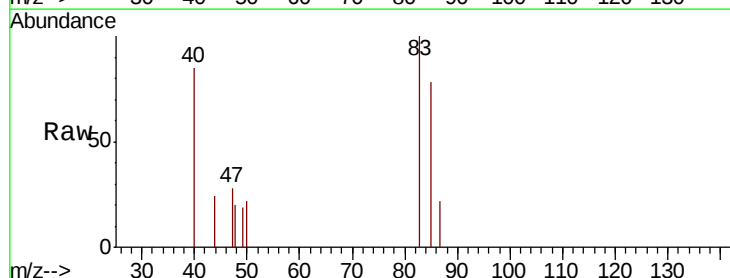
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#28
Bromochloromethane
Concen: 1.373 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.17 min
Lab File: VW013702.D
Acq: 24 Oct 2019 07:53

Tgt Ion:	49	Resp:	57
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.6
130	0.0	67.5	101.3#

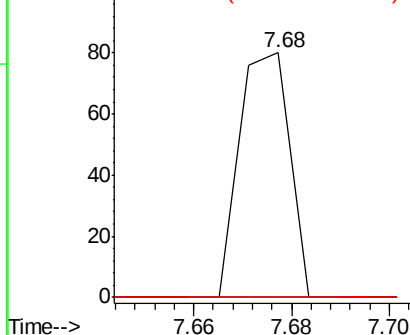
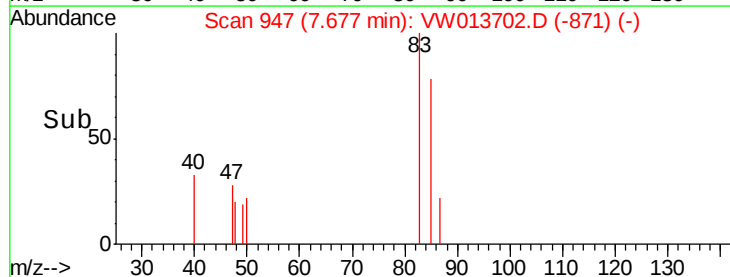


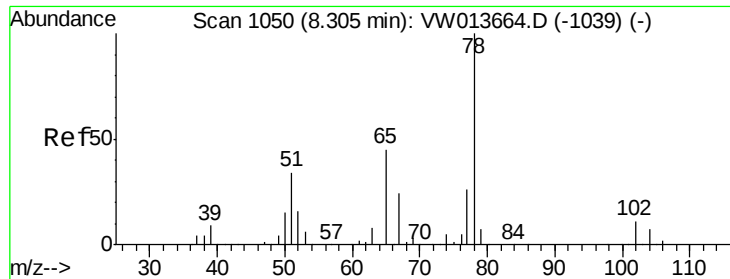
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

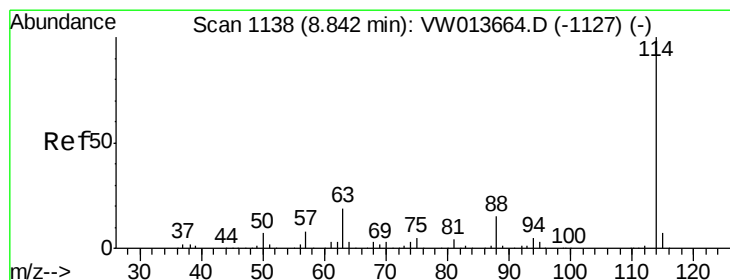
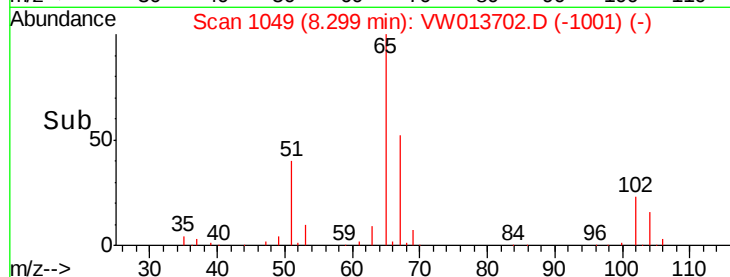
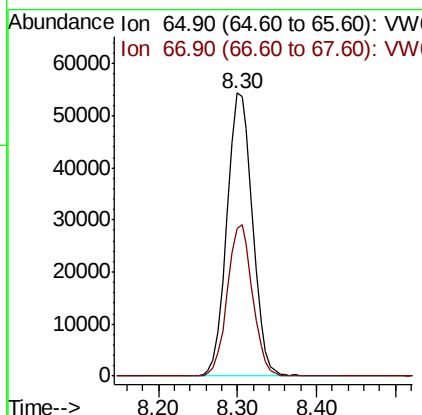
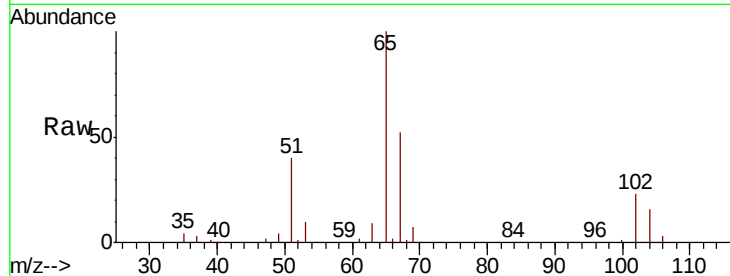




#33
 1,2-Dichloroethane-d4
 Concen: 55.572 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013702.D
 Acq: 24 Oct 2019 07:53

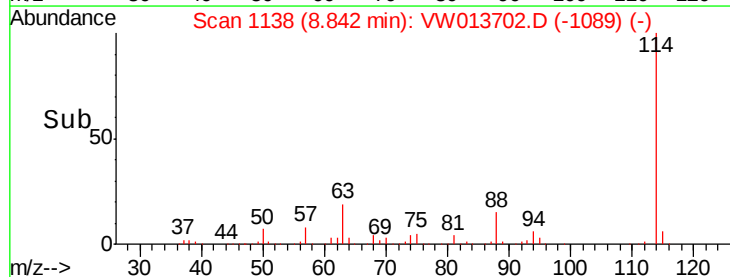
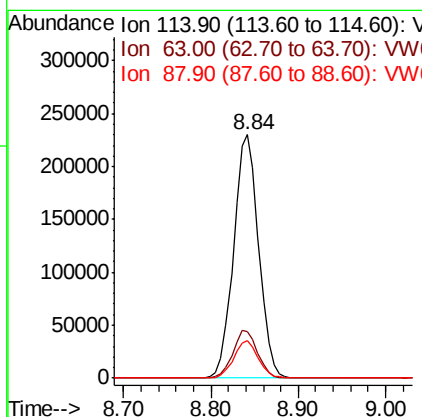
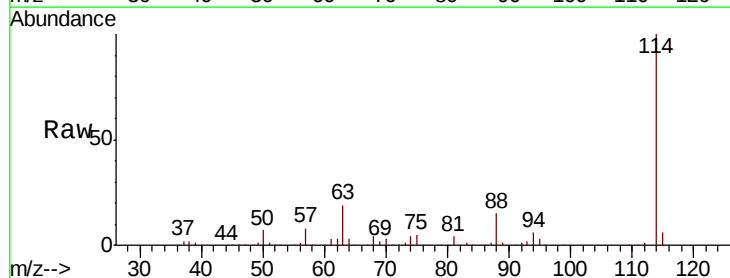
Instrument :
 MSVOA_W
 ClientSampled :

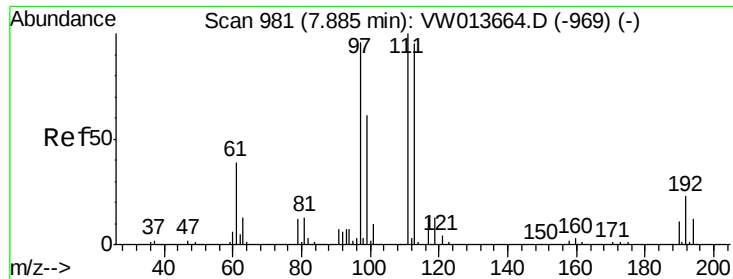
Tot Ion: 65 Resp: 122931
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013702.D
 Acq: 24 Oct 2019 07:53

Tgt Ion: 114 Resp: 457108
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.6
 88 15.2 0.0 30.2

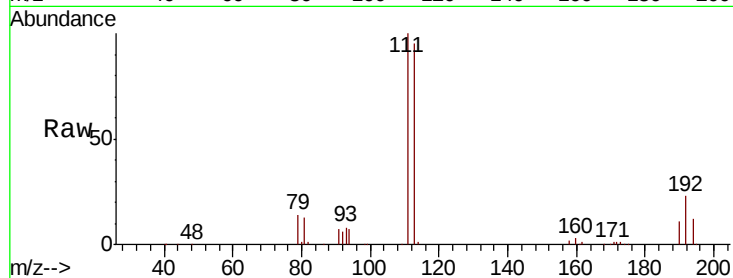




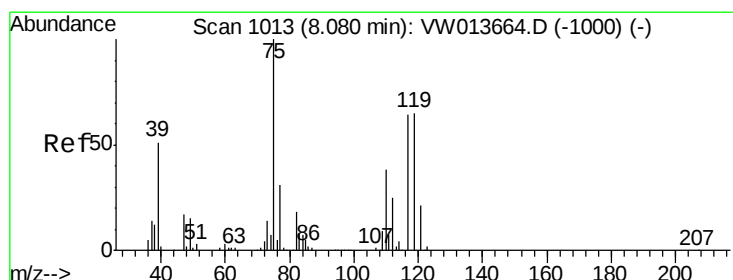
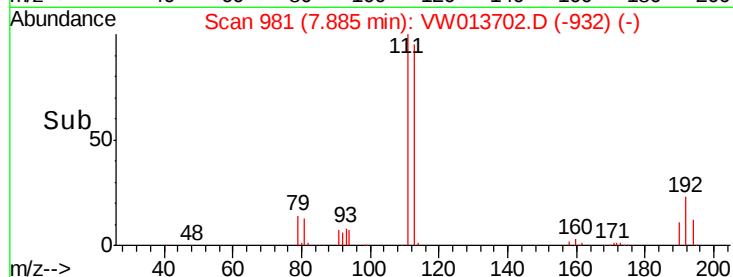
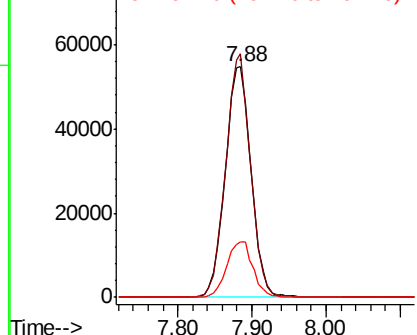
#35
 Dibromofluoromethane
 Concen: 52.186 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013702.D
 Acq: 24 Oct 2019 07:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 132550
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.0 124.6
 192 24.4 19.4 29.2

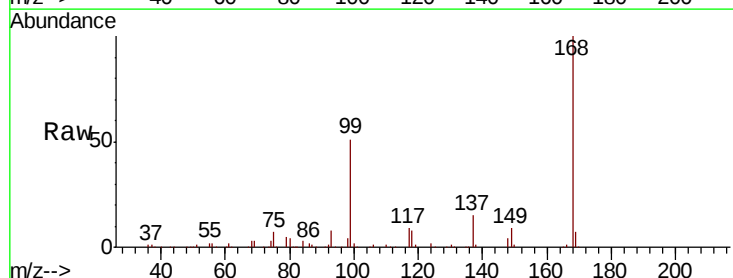


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

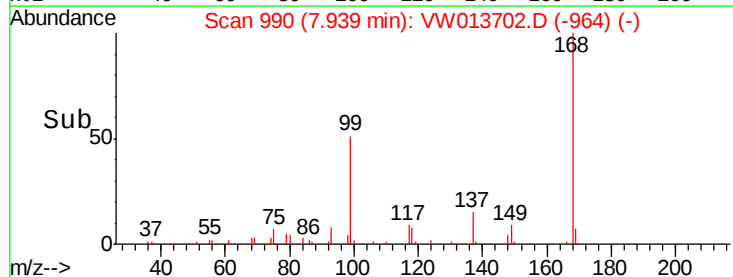
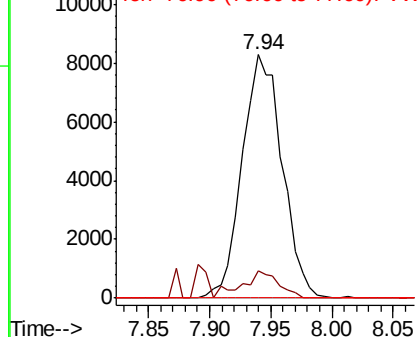


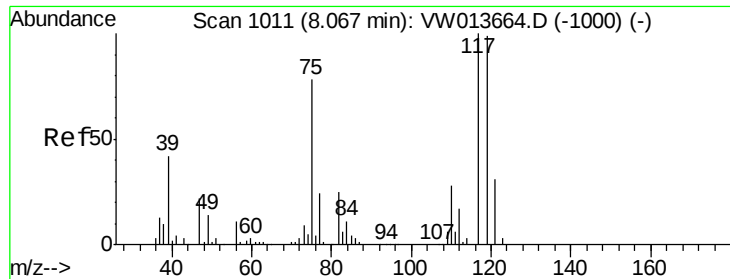
#36
 1,1-Dichloropropene
 Concen: 4.413 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013702.D
 Acq: 24 Oct 2019 07:53

Tgt Ion: 75 Resp: 18787
 Ion Ratio Lower Upper
 75 100
 110 8.9 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

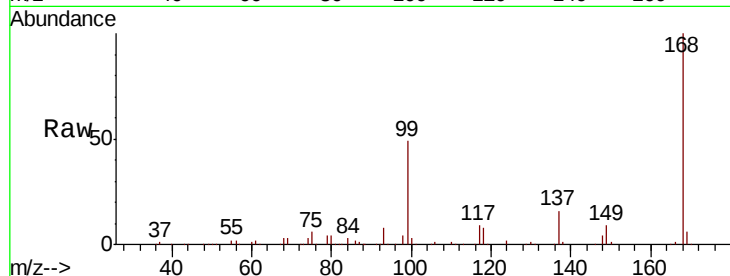




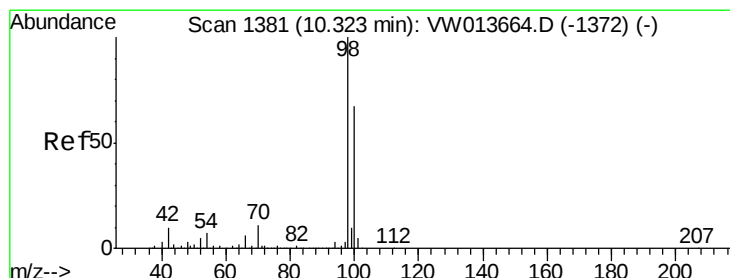
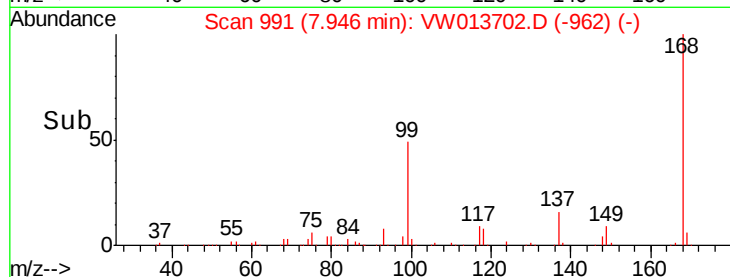
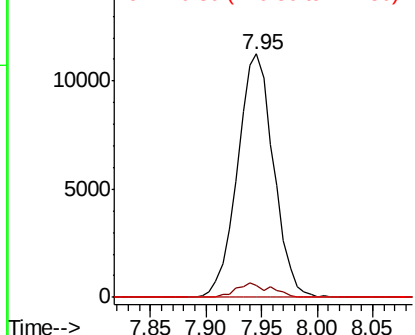
#38
Carbon Tetrachloride
Concen: 6.580 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013702.D
Acq: 24 Oct 2019 07:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 25226
Ion Ratio Lower Upper
117 100
119 4.8 79.0 118.4#
121 0.0 24.5 36.7#

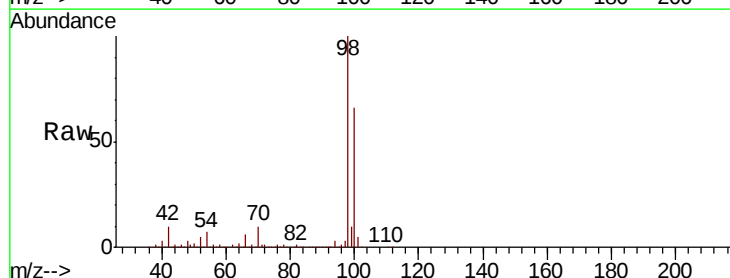


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

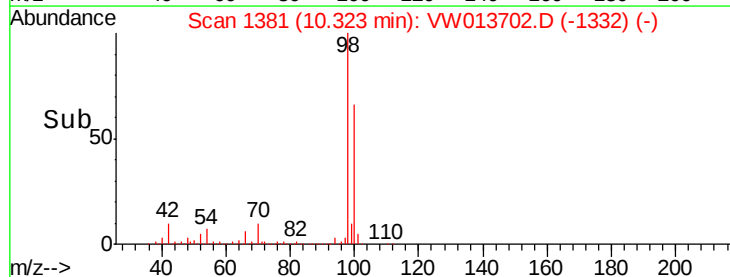
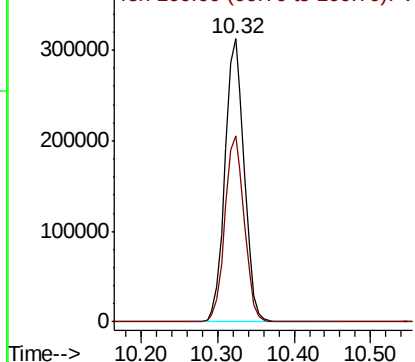


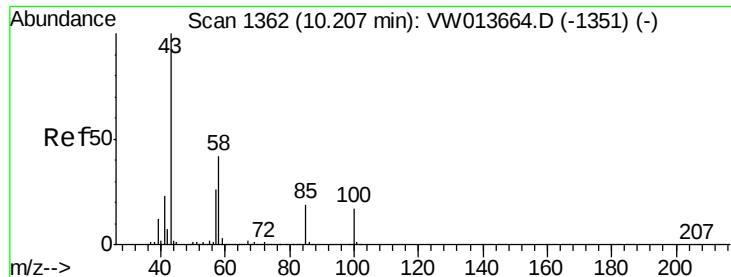
#50
Toluene-d8
Concen: 52.302 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013702.D
Acq: 24 Oct 2019 07:53

Tgt Ion: 98 Resp: 541304
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



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

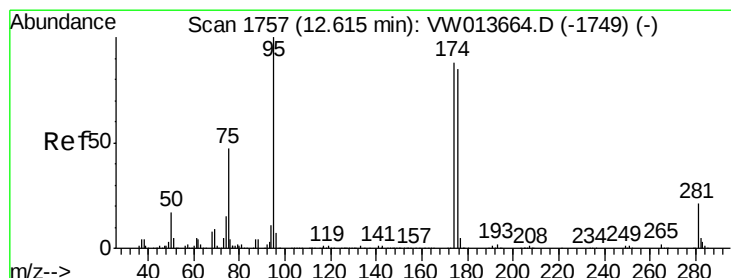
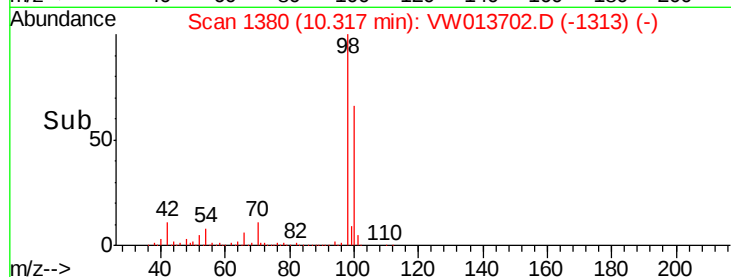
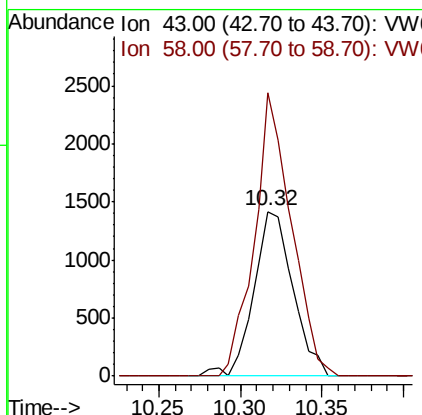
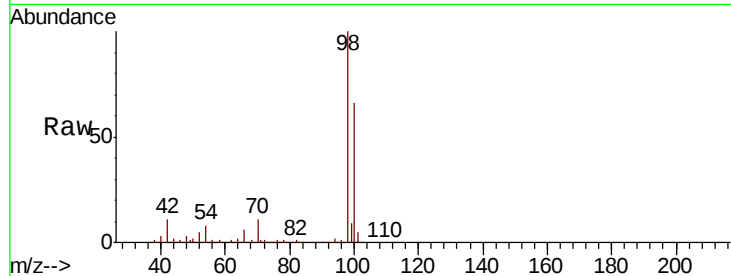




#51
4-Methyl-2-Pentanone
Concen: 1.519 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. 0.11 min
Lab File: VW013702.D
Acq: 24 Oct 2019 07:53

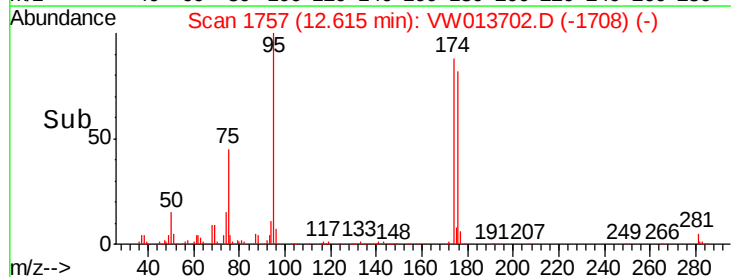
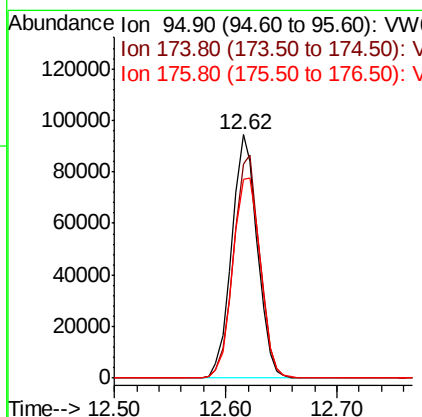
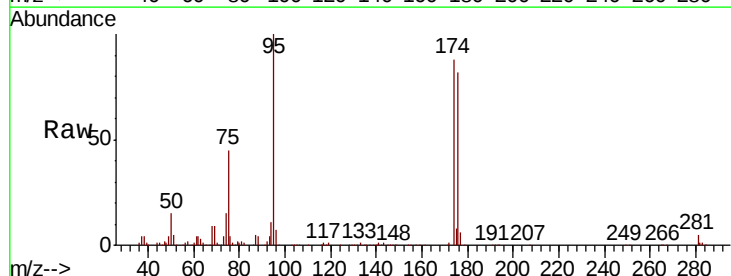
Instrument :
MSVOA_W
ClientSampled :

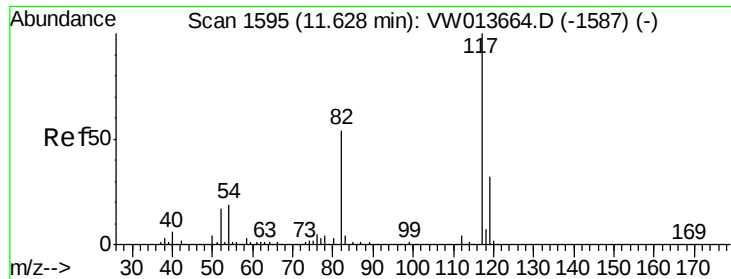
Tot Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
58 162.7 32.6 49.0#



#62
4-Bromofluorobenzene
Concen: 42.863 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013702.D
Acq: 24 Oct 2019 07:53

Tgt Ion: 95 Resp: 150210
Ion Ratio Lower Upper
95 100
174 93.4 0.0 183.6
176 89.0 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: VW013702.D

Acq: 24 Oct 2019 07:53

Instrument :

MSVOA_W

ClientSampleId :

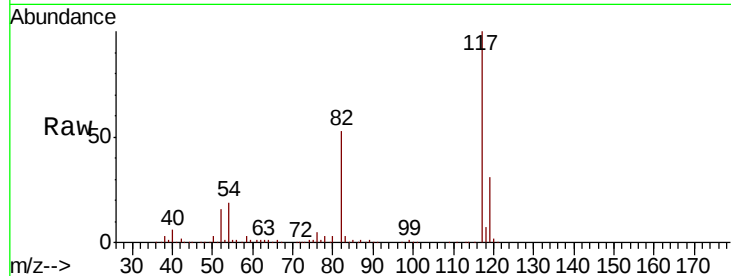
Tot Ion:117 Resp: 386611

Ion Ratio Lower Upper

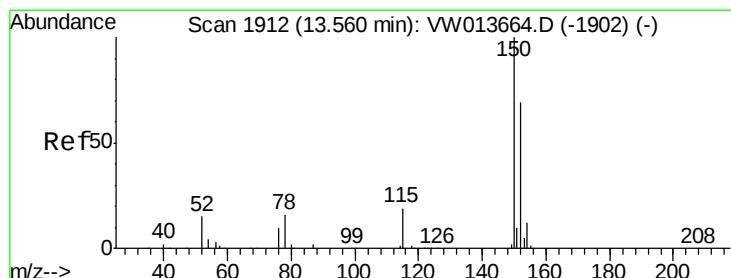
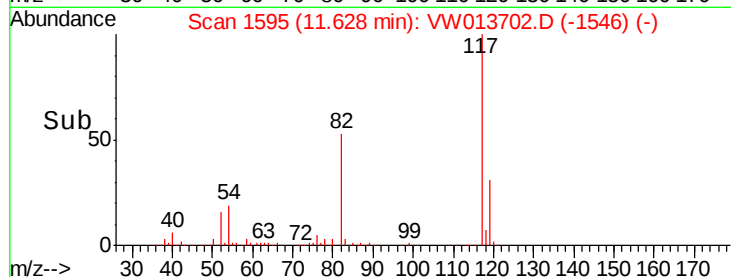
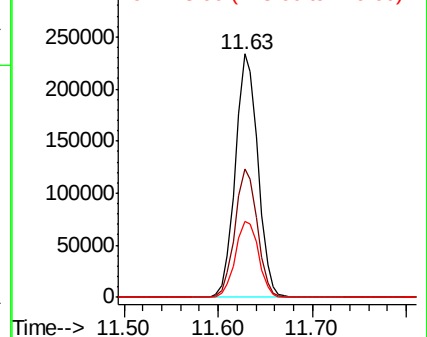
117 100

82 52.8 43.6 65.4

119 31.1 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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013702.D

Acq: 24 Oct 2019 07:53

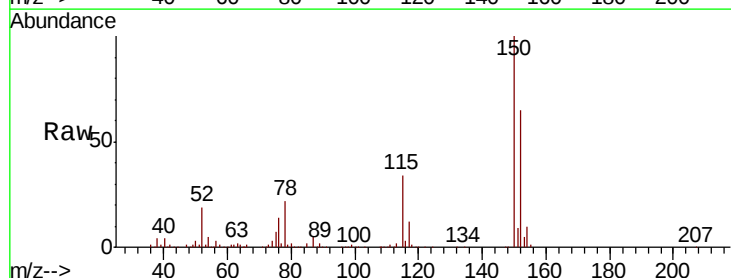
Tgt Ion:152 Resp: 137927

Ion Ratio Lower Upper

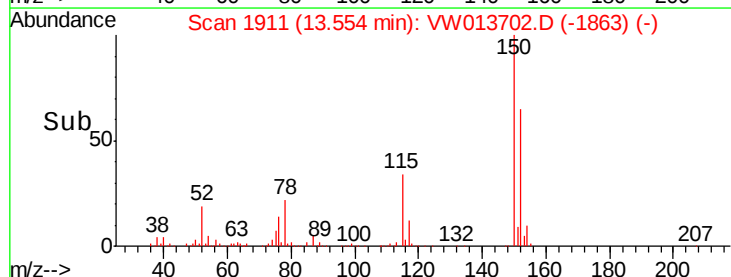
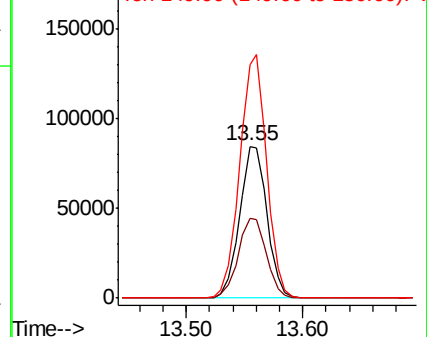
152 100

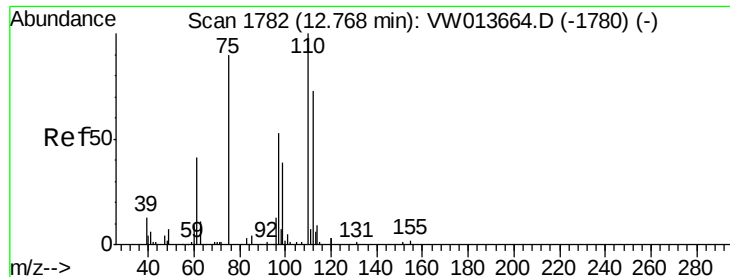
115 54.4 27.4 82.2

150 158.3 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: 70.641 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013702.D

Acq: 24 Oct 2019 07:53

Instrument :

MSVOA_W

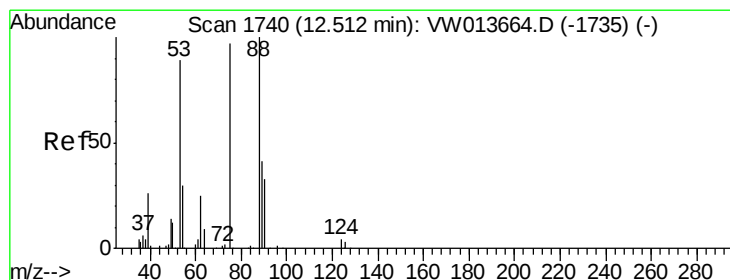
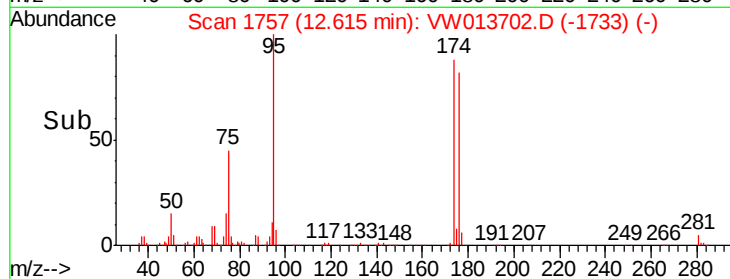
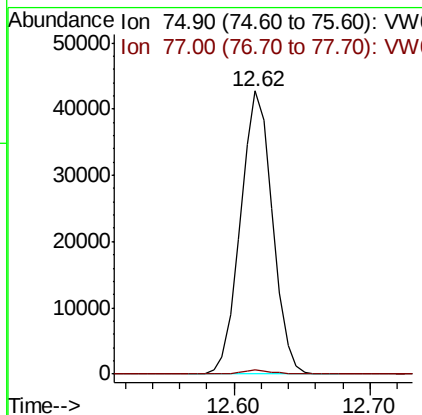
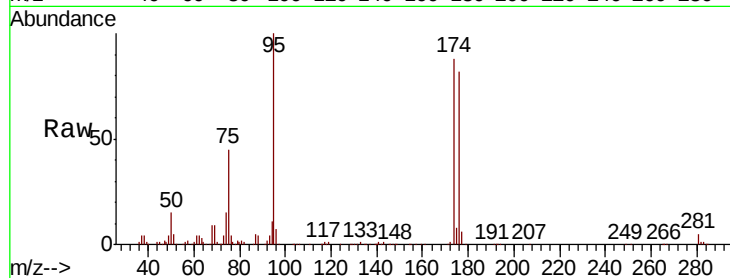
ClientSampleId :

Tot Ion: 75 Resp: 69971

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.503 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013702.D

Acq: 24 Oct 2019 07:53

Tgt Ion: 75 Resp: 69971

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

