

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013728.D
 Acq On : 24 Oct 2019 22:47
 Operator : SY/VA
 Sample : K5499-08RE
 Misc : 7.83G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 197-16-(1)RE

Quant Time: Oct 25 08:01:24 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

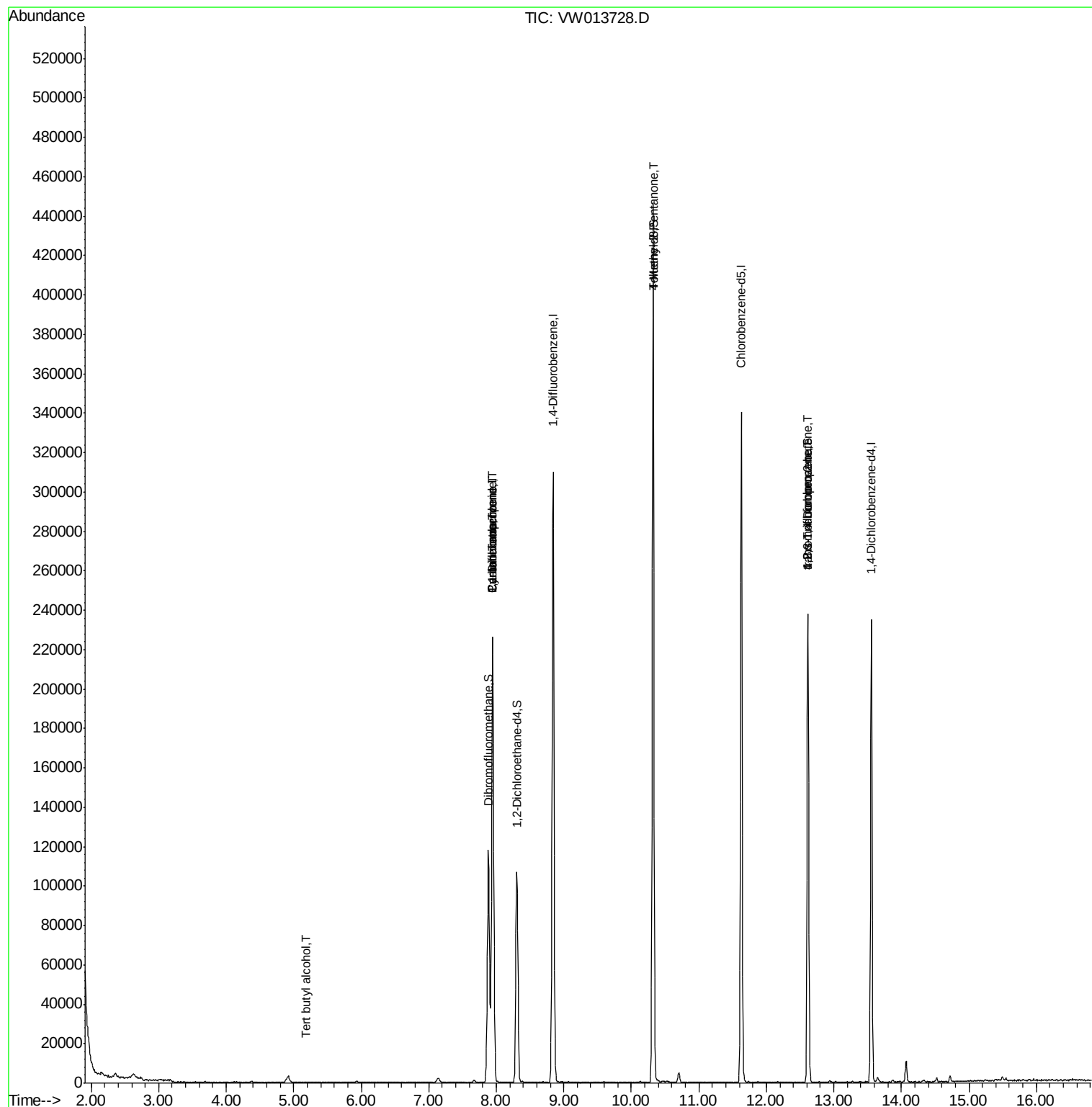
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	277240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	68737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84250	59.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.34%	
35) Dibromofluoromethane	7.88	113	85083	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
50) Toluene-d8	10.32	98	305619	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.62	95	76522	36.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	102	1.210	ug/l #	71
20) Methylene Chloride	4.92	84	2820	Below Cal	#	77
31) Cyclohexane	7.94	56	3279	1.045	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	11798	4.569	ug/l #	48
38) Carbon Tetrachloride	7.95	117	15330	6.593	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1138	1.210	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	35965	72.859	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	35965	137.693	ug/l #	14

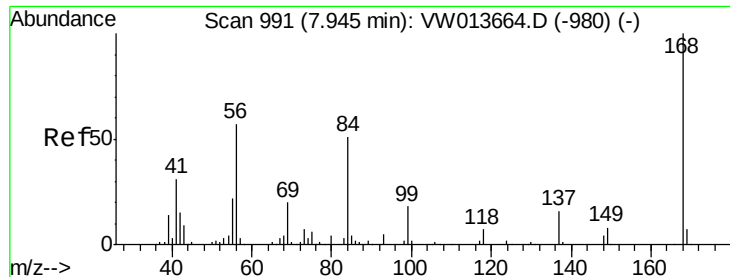
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102419\
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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: VW013728.D

Acq: 24 Oct 2019 22:47

Instrument :

MSVOA_W

ClientSampled :

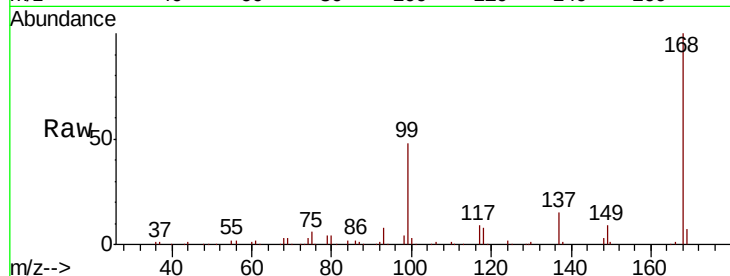
197-16-(1)RE

Tot Ion:168 Resp: 188206

Ion Ratio Lower Upper

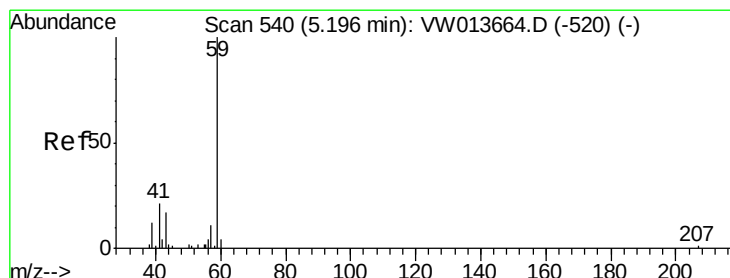
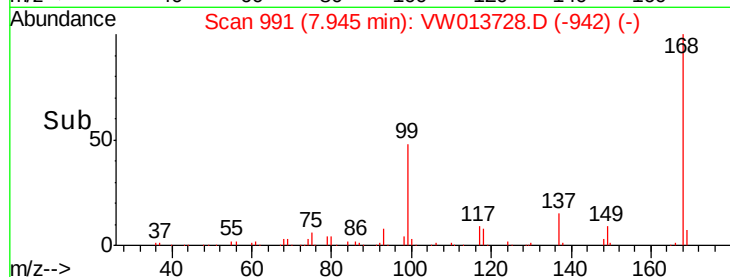
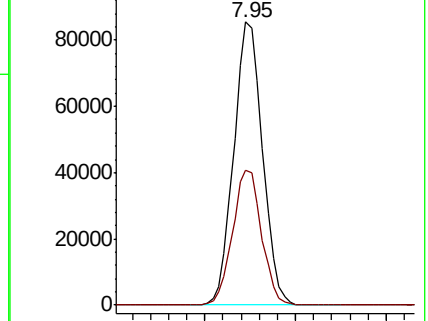
168 100

99 47.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.210 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.01 min

Lab File: VW013728.D

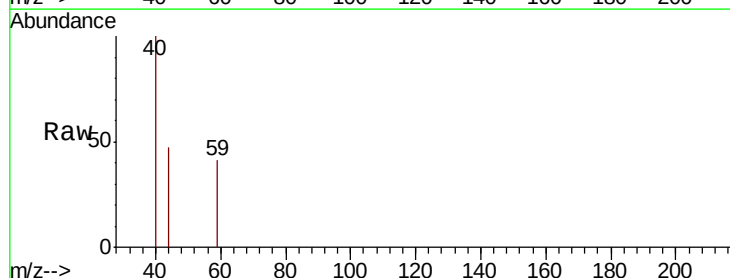
Acq: 24 Oct 2019 22:47

Tgt Ion: 59 Resp: 102

Ion Ratio Lower Upper

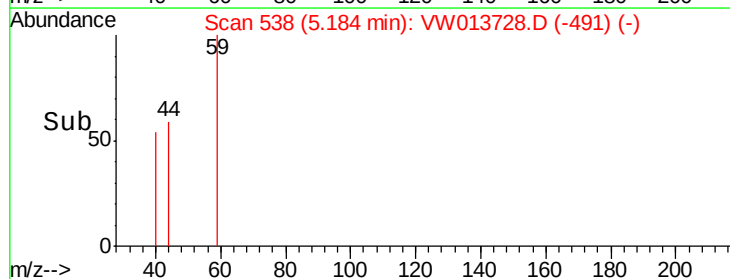
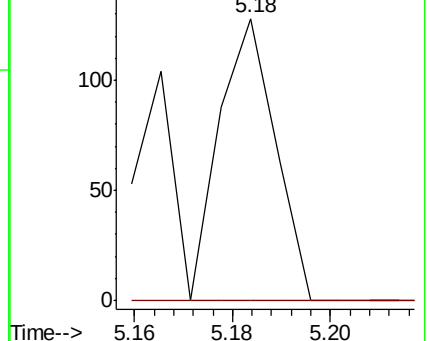
59 100

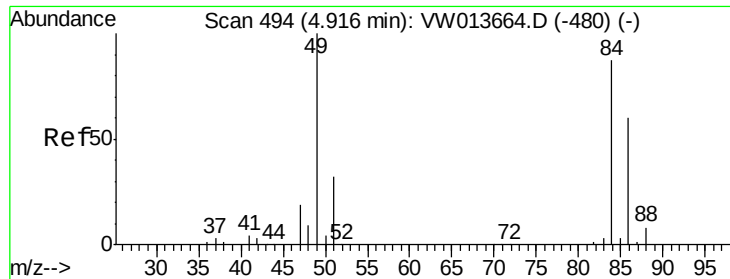
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

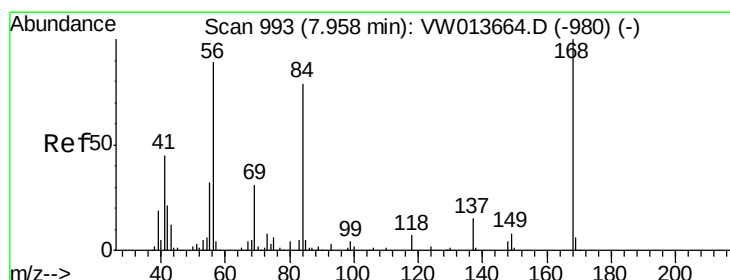
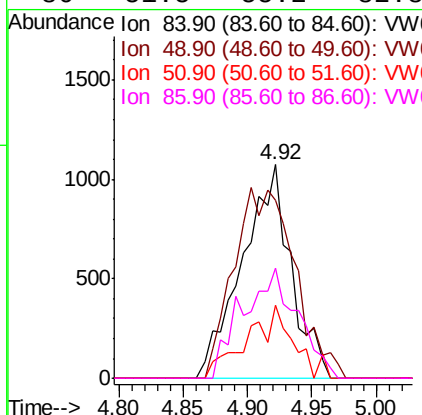
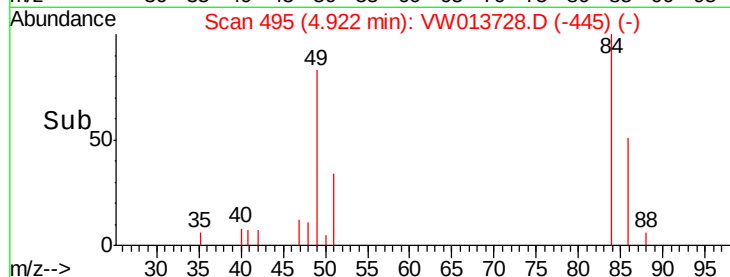
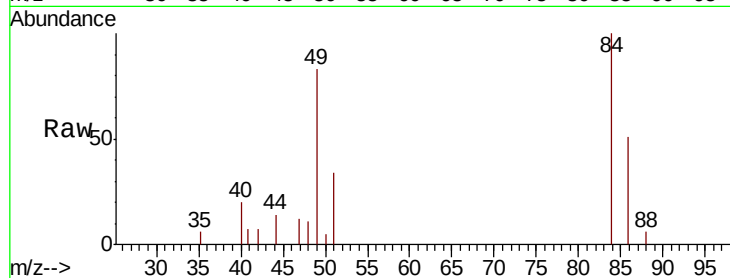




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013728.D
Acq: 24 Oct 2019 22:47

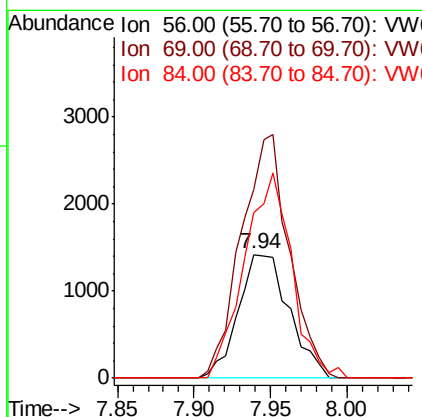
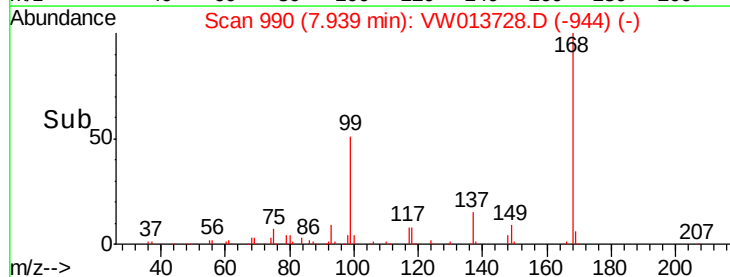
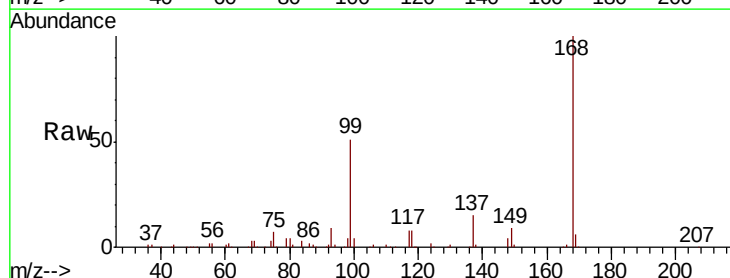
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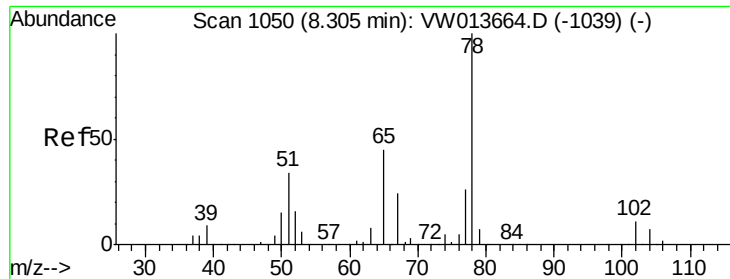
Tot Ion: 84 Resp: 2820
Ion Ratio Lower Upper
84 100
49 83.1 91.8 137.6#
51 34.4 29.8 44.6
86 51.5 55.2 82.8#



#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW013728.D
Acq: 24 Oct 2019 22:47

Tgt Ion: 56 Resp: 3279
Ion Ratio Lower Upper
56 100
69 152.3 27.5 41.3#
84 133.5 70.8 106.2#

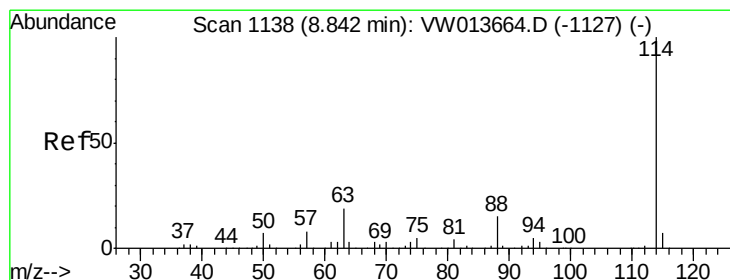
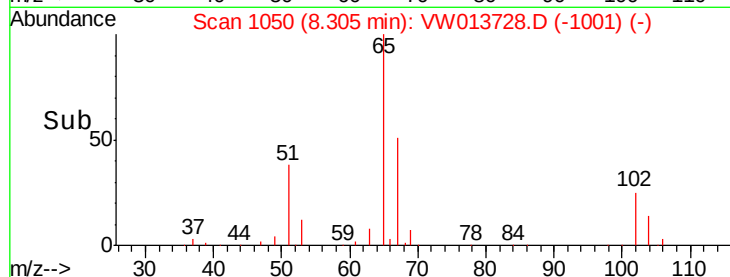
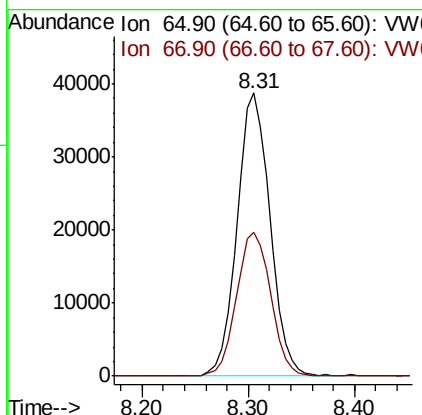
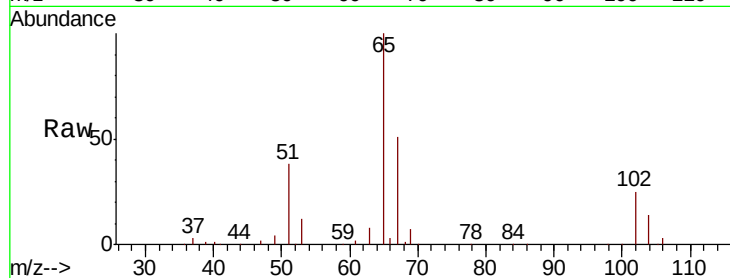




#33
 1,2-Dichloroethane-d4
 Concen: 59.673 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013728.D
 Acq: 24 Oct 2019 22:47

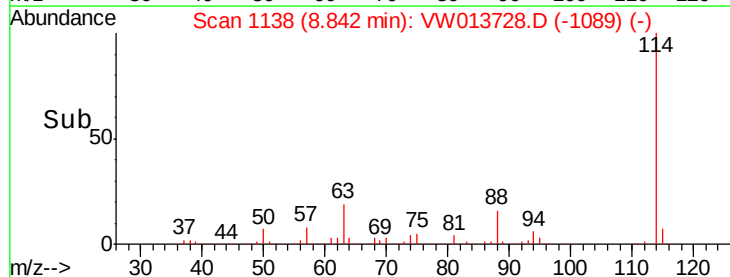
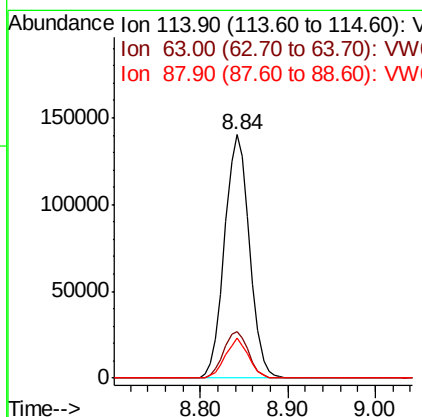
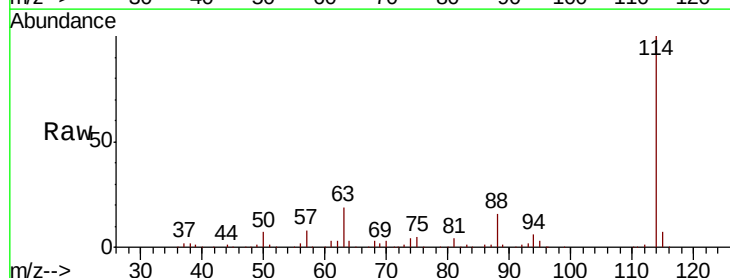
Instrument :
 MSVOA_W
 ClientSampleId :
 197-16-(1)RE

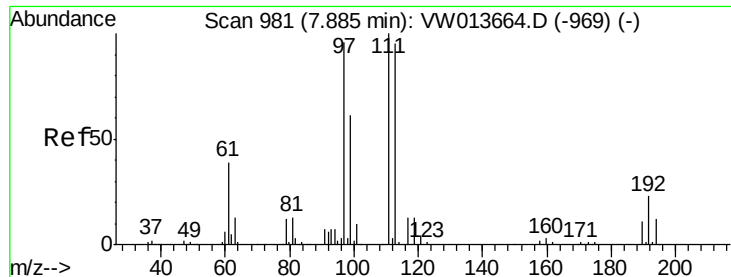
Tot Ion: 65 Resp: 84250
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013728.D
 Acq: 24 Oct 2019 22:47

Tgt Ion: 114 Resp: 277240
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.6
 88 16.2 0.0 30.2

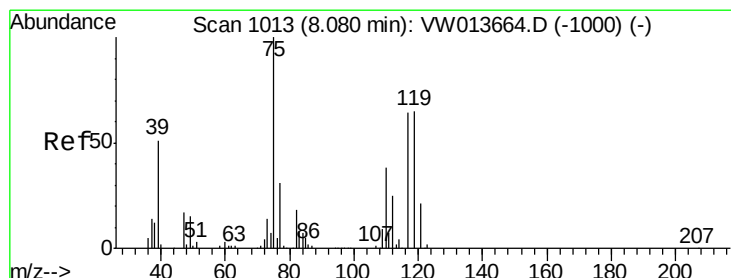
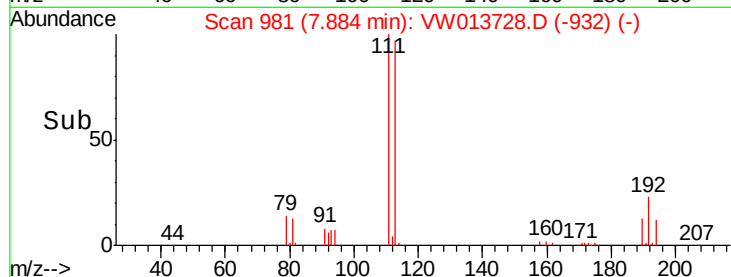
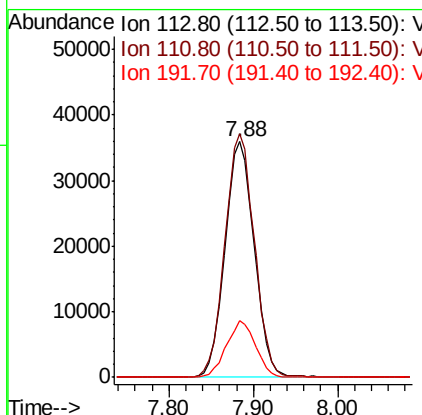
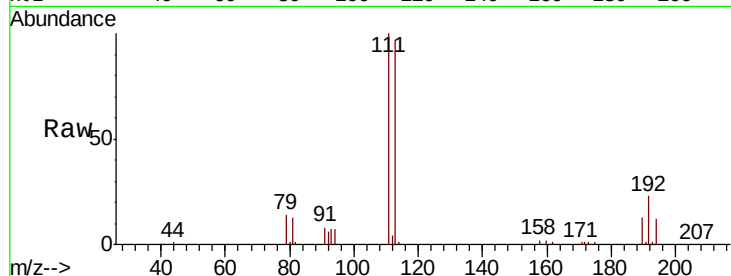




#35
 Dibromofluoromethane
 Concen: 55.231 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013728.D
 Acq: 24 Oct 2019 22:47

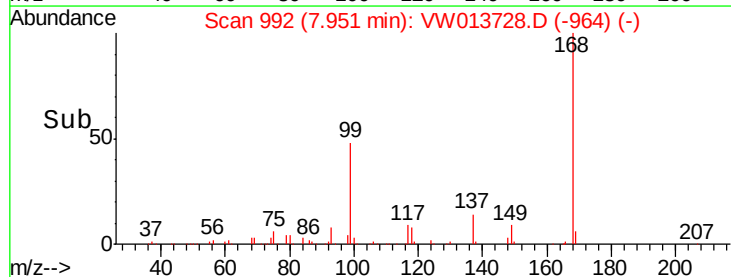
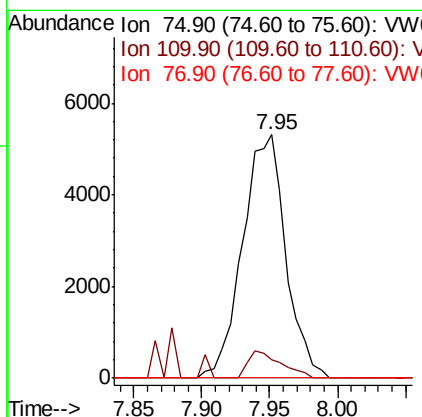
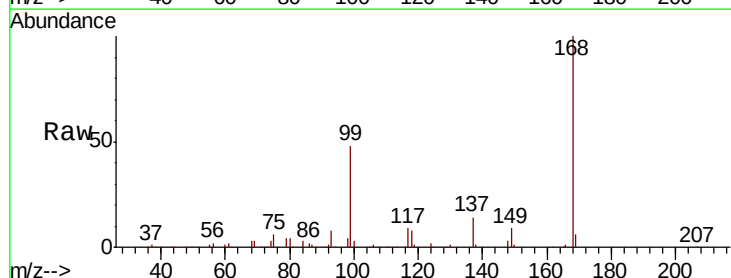
Instrument :
 MSVOA_W
 ClientSampleId :
 197-16-(1)RE

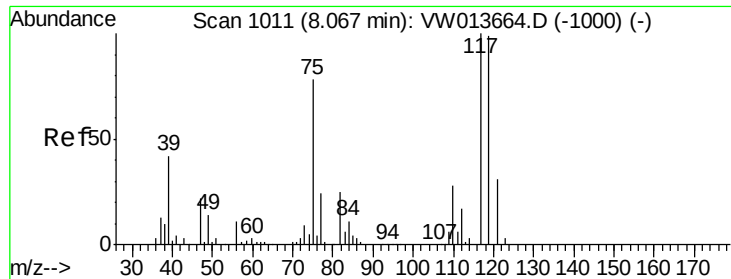
Tot Ion:113 Resp: 85083
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 23.7 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.569 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW013728.D
 Acq: 24 Oct 2019 22:47

Tgt Ion: 75 Resp: 11798
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.7 56.1#
 77 0.0 25.4 38.0#

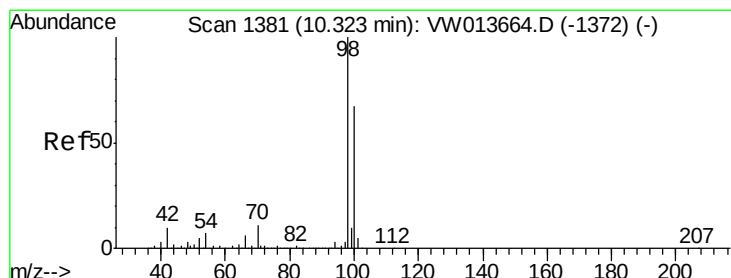
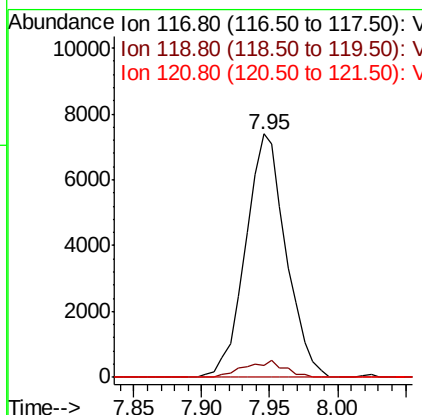
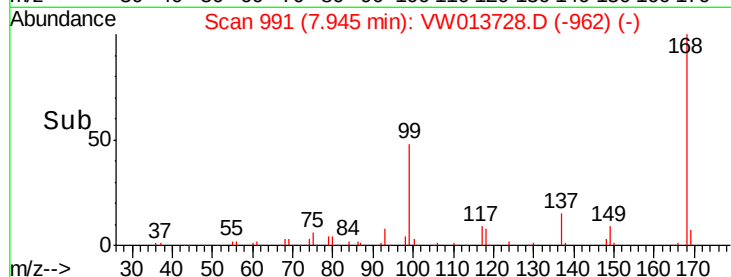
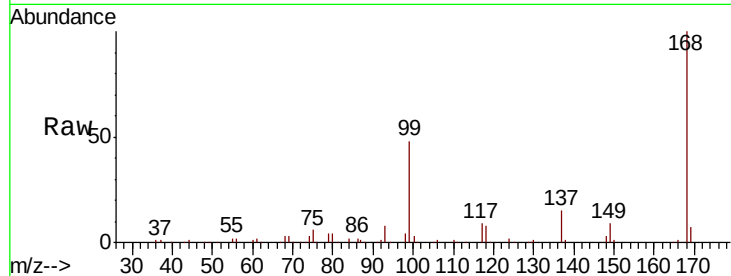




#38
 Carbon Tetrachloride
 Concen: 6.593 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013728.D
 Acq: 24 Oct 2019 22:47

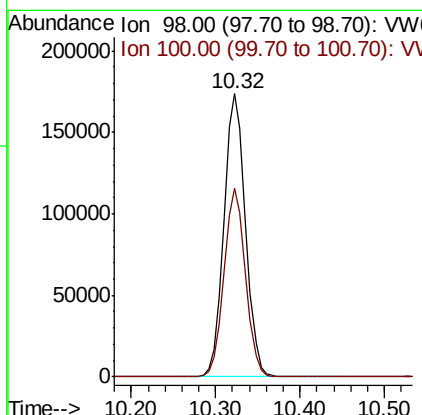
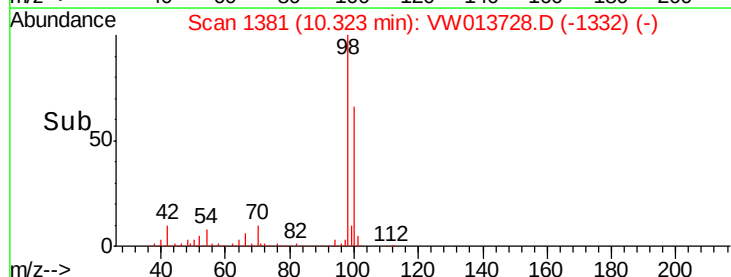
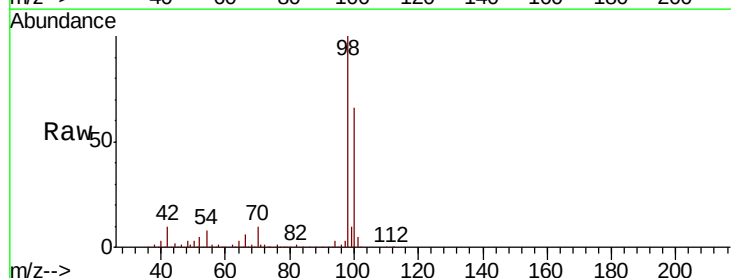
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 197-16-(1)RE

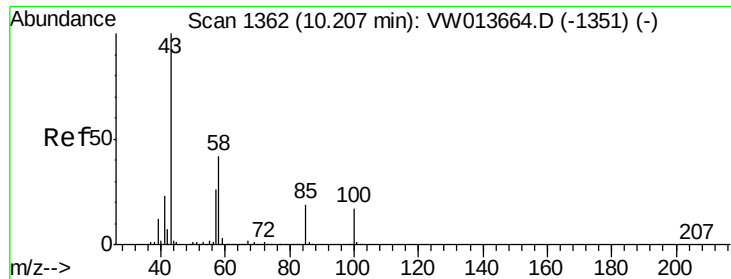
Tot Ion:117 Resp: 15330
 Ion Ratio Lower Upper
 117 100
 119 4.8 79.0 118.4#
 121 0.0 24.5 36.7#



#50
 Toluene-d8
 Concen: 48.688 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013728.D
 Acq: 24 Oct 2019 22:47

Tgt Ion: 98 Resp: 305619
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 1.210 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013728.D

Acq: 24 Oct 2019 22:47

Instrument :

MSVOA_W

ClientSampled :

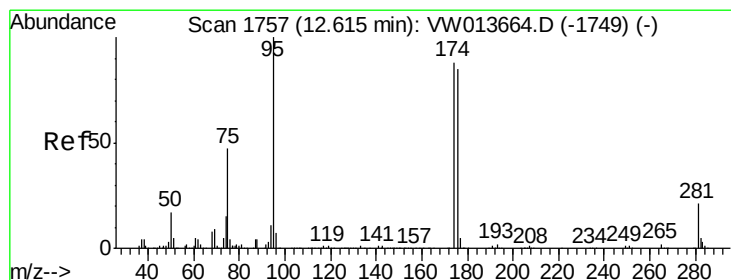
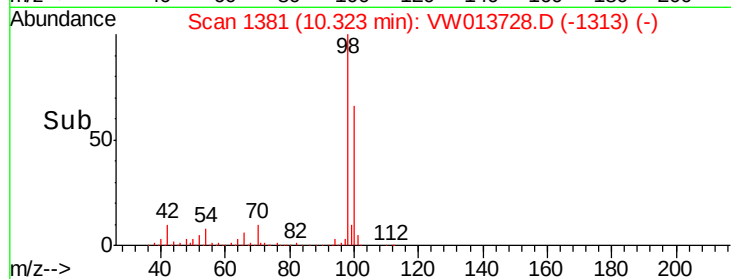
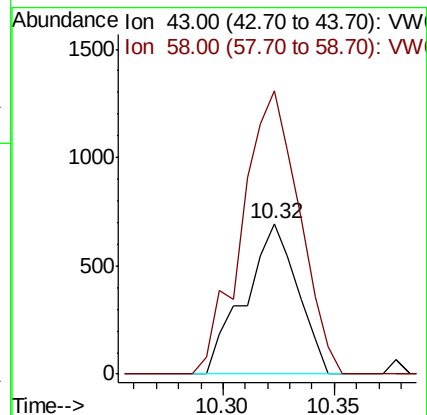
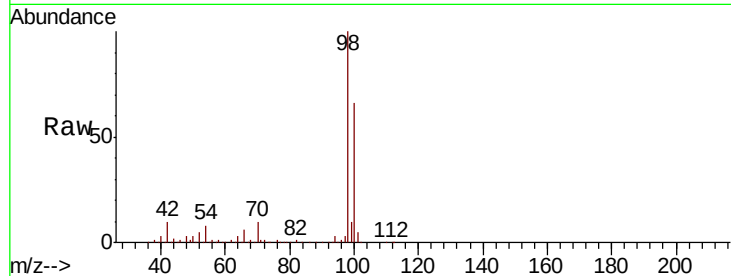
197-16-(1)RE

Tot Ion: 43 Resp: 1138

Ion Ratio Lower Upper

43 100

58 206.5 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 36.003 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013728.D

Acq: 24 Oct 2019 22:47

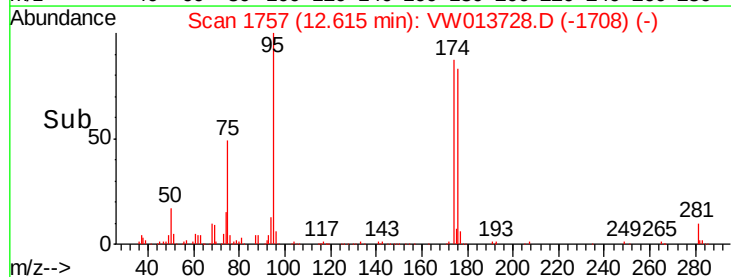
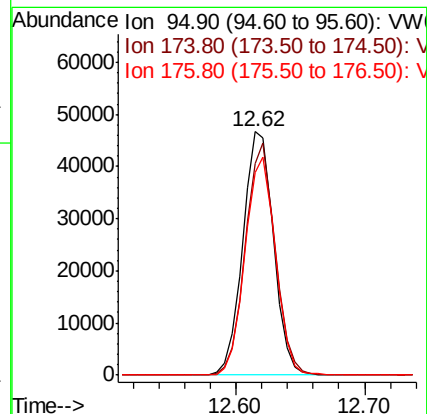
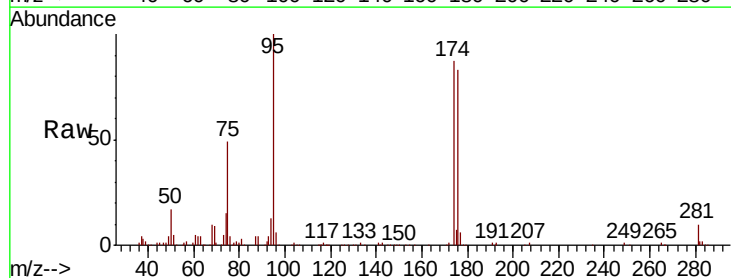
Tgt Ion: 95 Resp: 76522

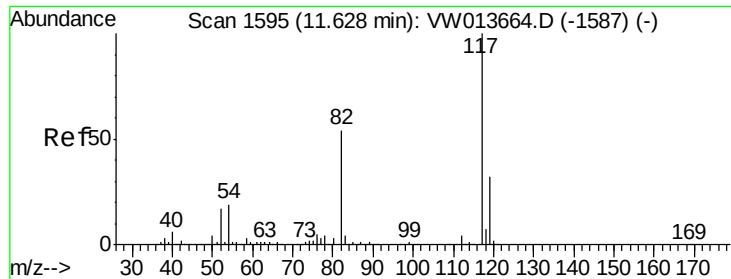
Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.6

176 88.8 0.0 178.0

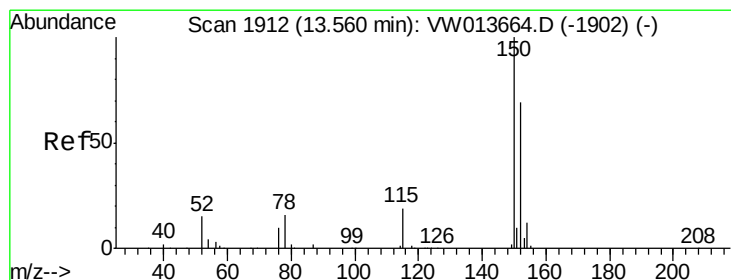
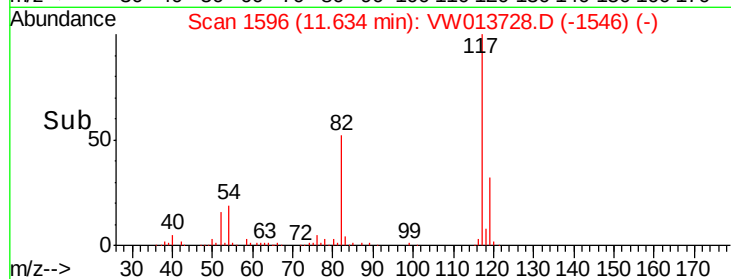
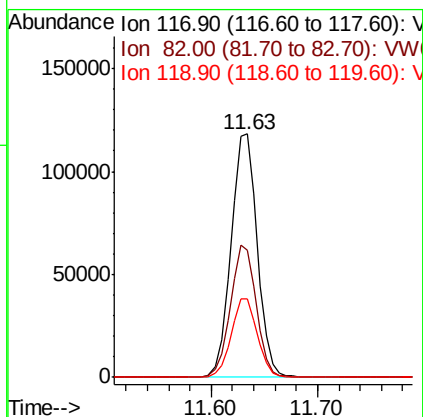
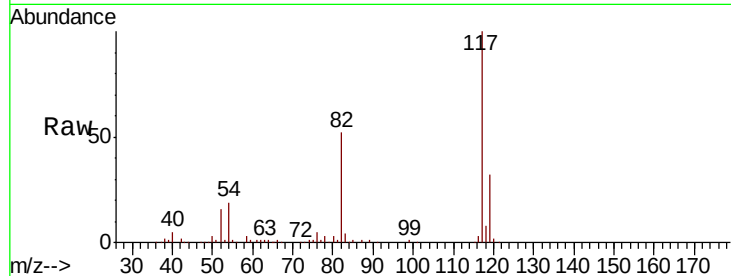




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013728.D
Acq: 24 Oct 2019 22:47

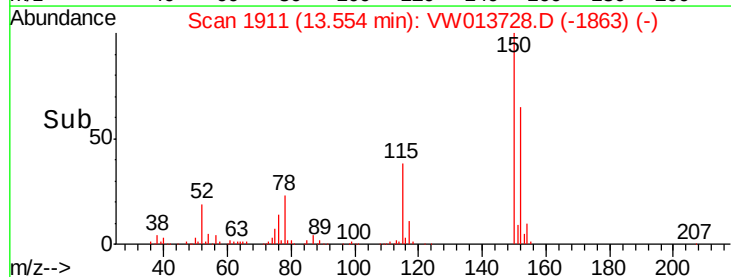
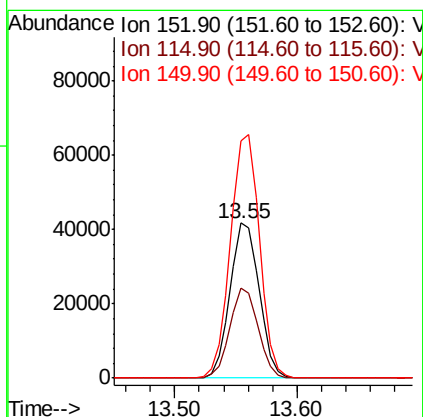
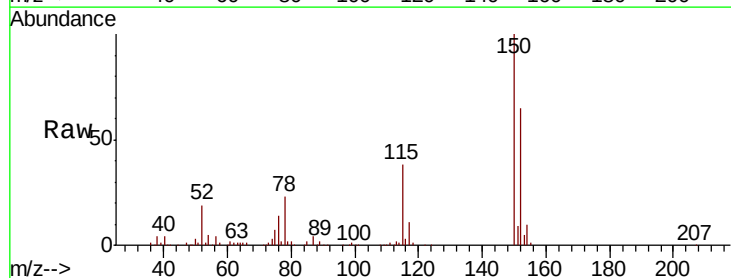
Instrument :
MSVOA_W
ClientSampleId :
197-16-(1)RE

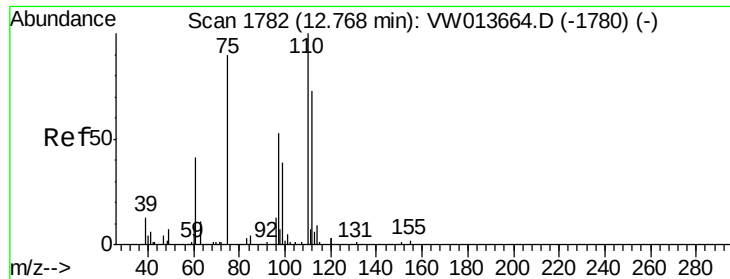
Tot Ion:117 Resp: 204345
Ion Ratio Lower Upper
117 100
82 52.5 43.6 65.4
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013728.D
Acq: 24 Oct 2019 22:47

Tgt Ion:152 Resp: 68737
Ion Ratio Lower Upper
152 100
115 56.3 27.4 82.2
150 156.7 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 72.859 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013728.D

Acq: 24 Oct 2019 22:47

Instrument :

MSVOA_W

ClientSampled :

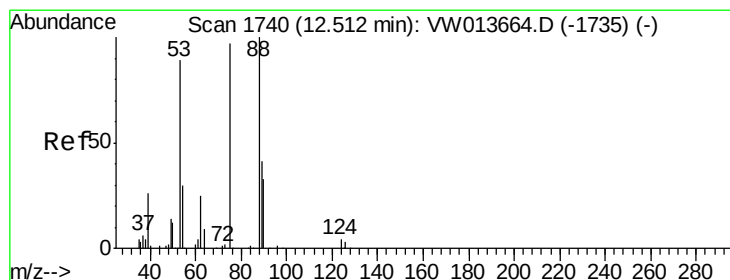
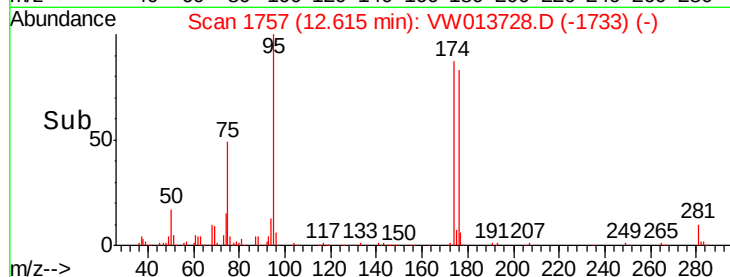
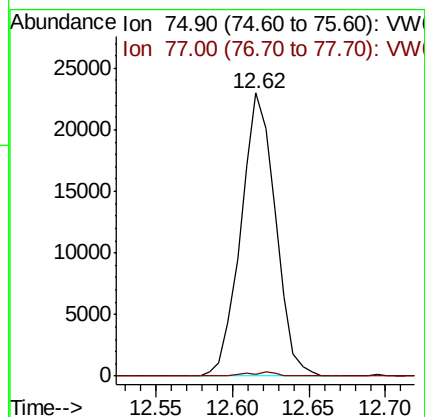
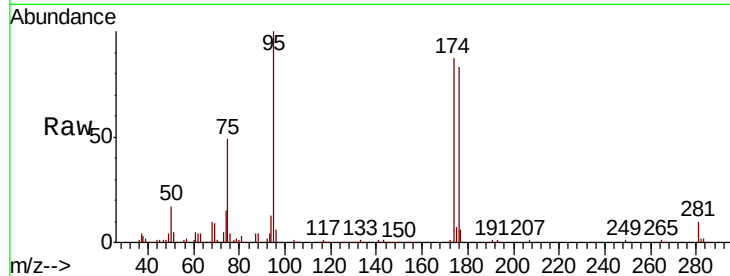
197-16-(1)RE

Tot Ion: 75 Resp: 35965

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.693 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013728.D

Acq: 24 Oct 2019 22:47

Tgt Ion: 75 Resp: 35965

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.2 35.8 53.8#

