

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013706.D
 Acq On : 24 Oct 2019 09:37
 Operator : SY/VA
 Sample : K5503-18
 Misc : 9.54G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 10:53:37 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

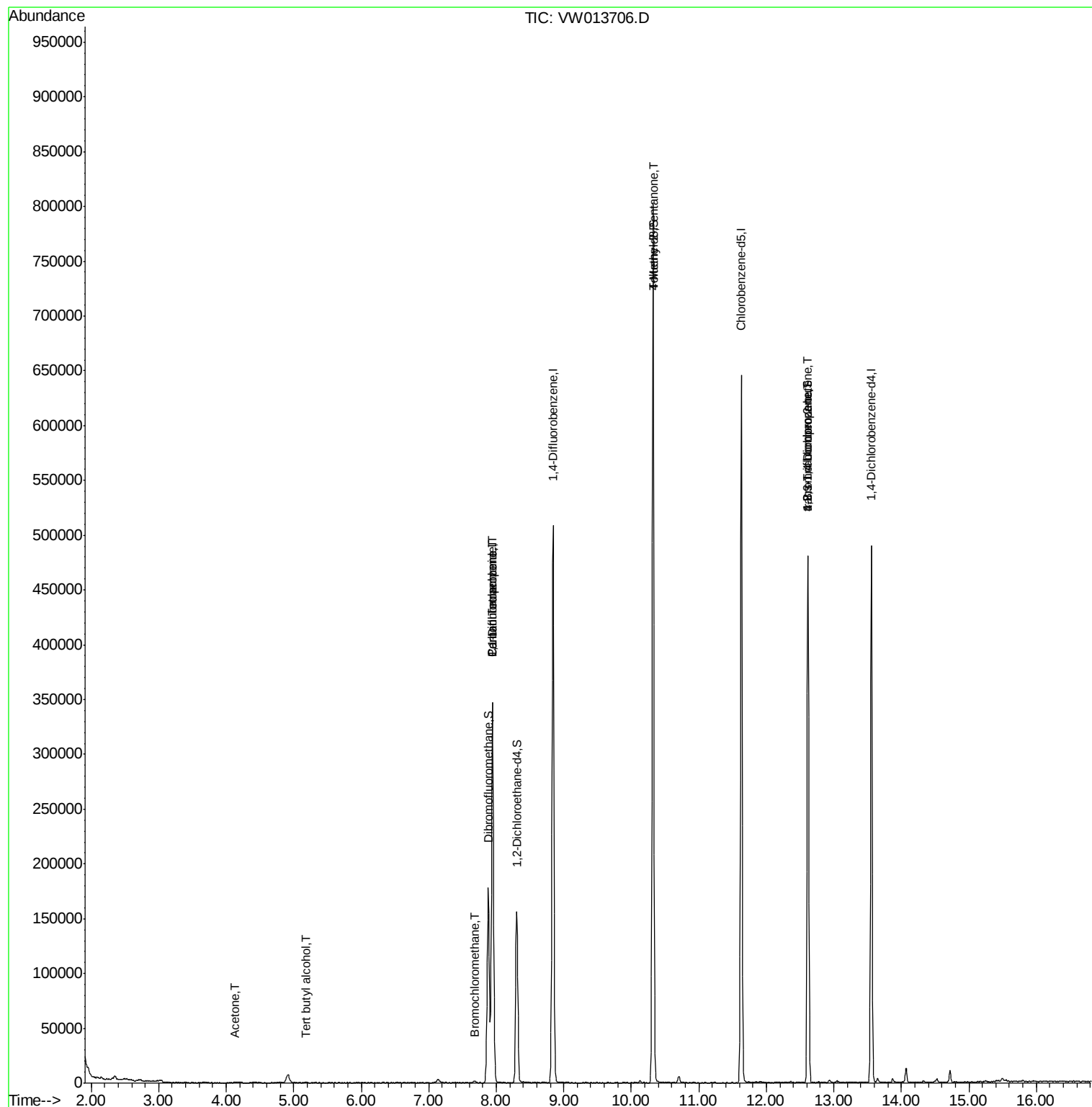
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125072	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	
35) Dibromofluoromethane	7.88	113	130950	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.32	98	542530	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.62	95	156710	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	338	2.616	ug/l #	71
16) Acetone	4.13	43	516	1.125	ug/l	90
20) Methylene Chloride	4.92	84	6563	Below Cal		95
28) Bromochloromethane	7.68	49	24	1.355	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17699	4.241	ug/l #	47
38) Carbon Tetrachloride	7.95	117	24844	6.611	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2025	1.333	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	73851	69.814	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73851	131.939	ug/l #	14

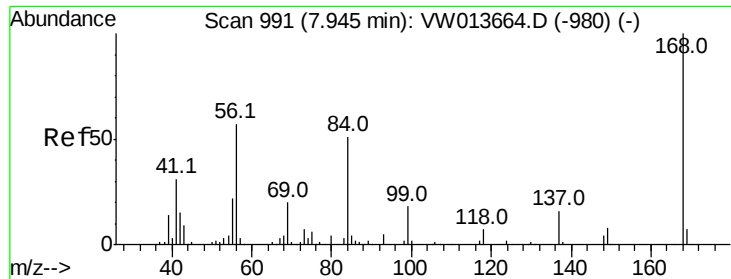
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013706.D

Acq: 24 Oct 2019 09:37

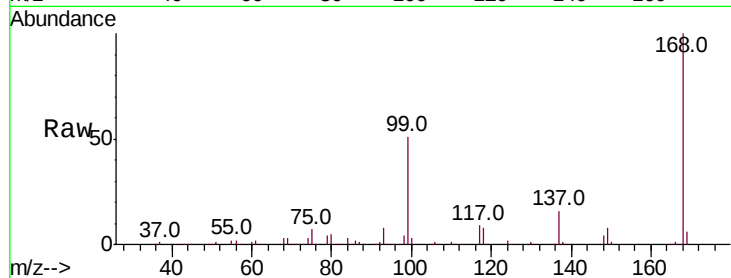
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 288488

Ion Ratio Lower Upper

168 100

99 51.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

150000 Ion 98.90 (98.60 to 99.60): VW

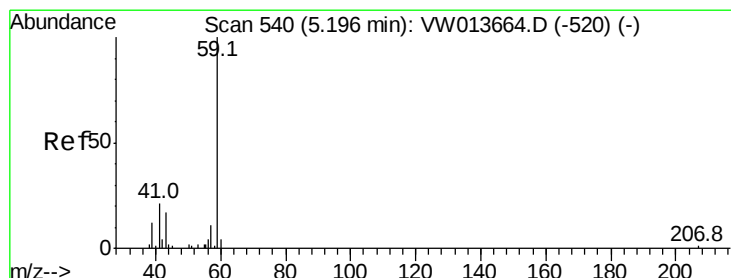
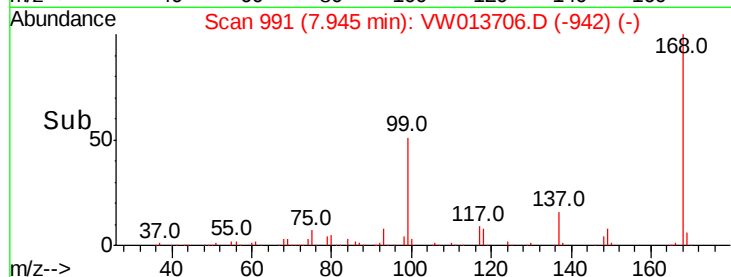
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.616 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW013706.D

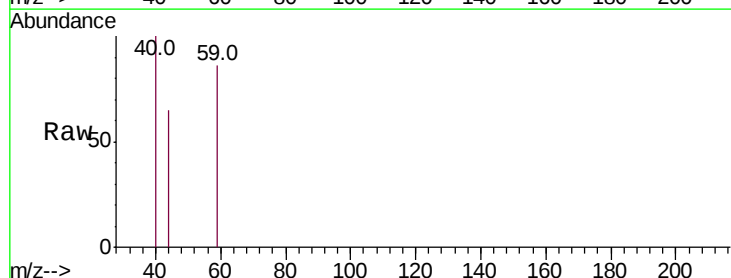
Acq: 24 Oct 2019 09:37

Tgt Ion: 59 Resp: 338

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

200 Ion 57.00 (56.70 to 57.70): VW

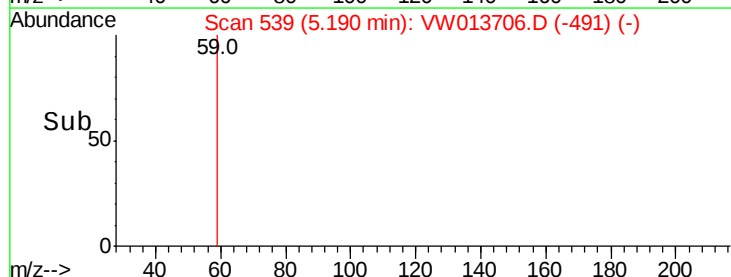
150

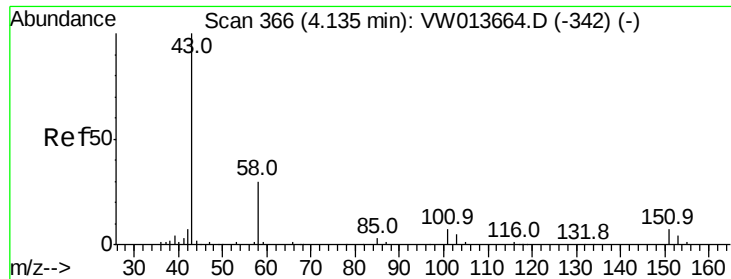
100

50

0

Time-->





#16

Acetone

Concen: 1.125 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013706.D

Acq: 24 Oct 2019 09:37

Instrument :

MSVOA_W

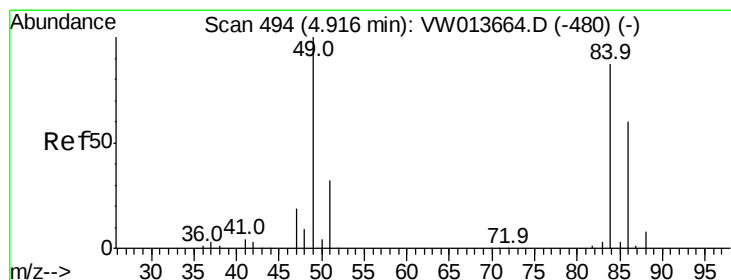
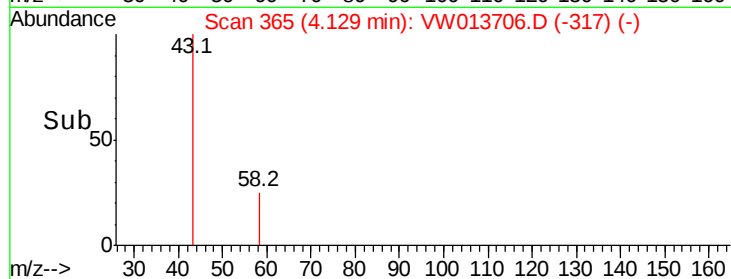
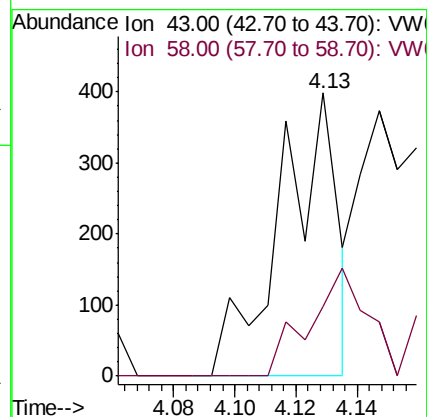
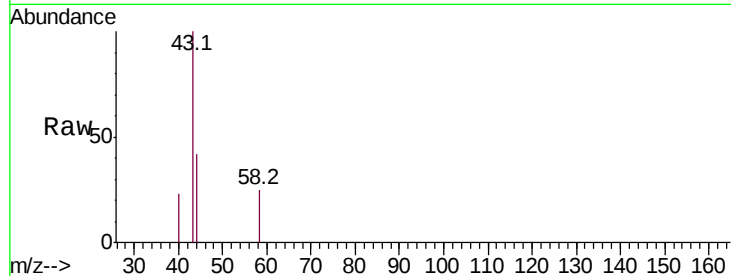
ClientSampled :

Tot Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

58 24.6 24.1 36.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW013706.D

Acq: 24 Oct 2019 09:37

Tgt Ion: 84 Resp: 6563

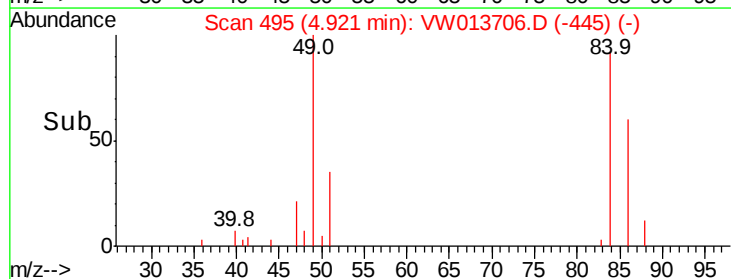
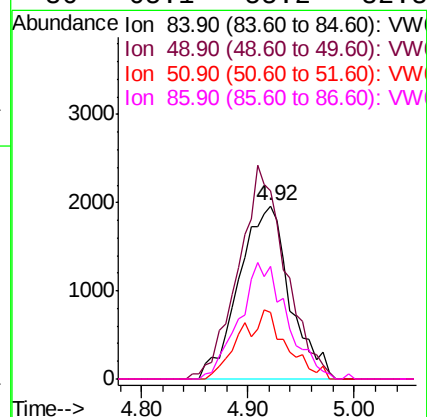
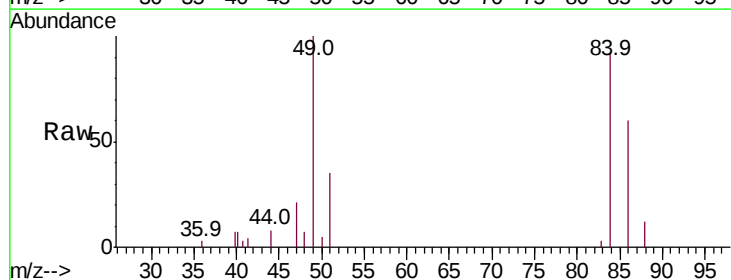
Ion Ratio Lower Upper

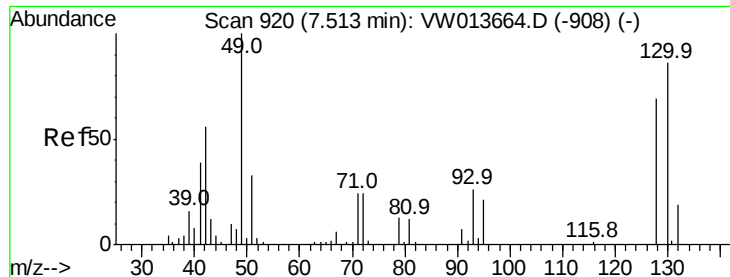
84 100

49 108.7 91.8 137.6

51 38.4 29.8 44.6

86 65.1 55.2 82.8





#28

Bromochloromethane

Concen: 1.355 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.17 min

Lab File: VW013706.D

Acq: 24 Oct 2019 09:37

Instrument :

MSVOA_W

ClientSampleId :

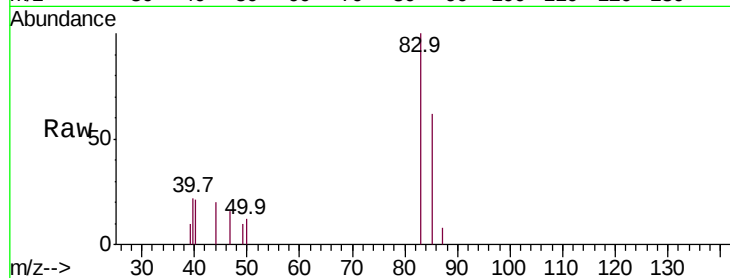
Tot Ion: 49 Resp: 24

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

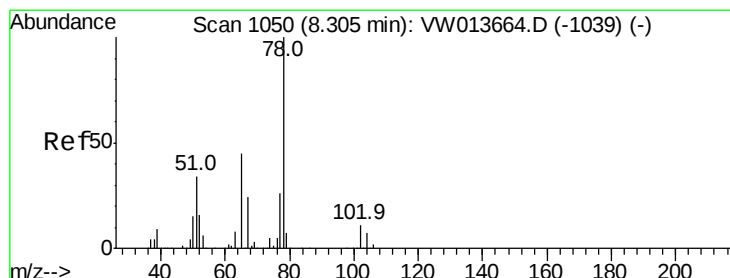
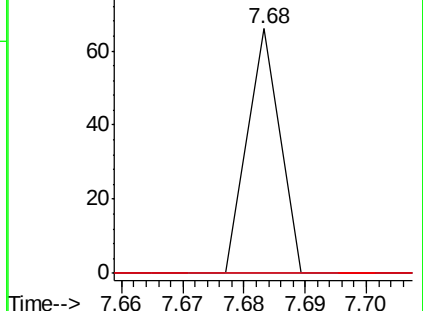
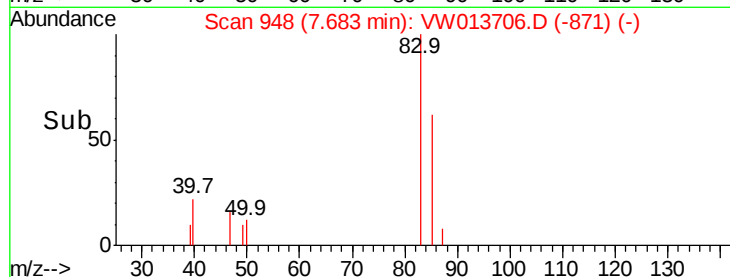
130 0.0 67.5 101.3#



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: 57.793 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013706.D

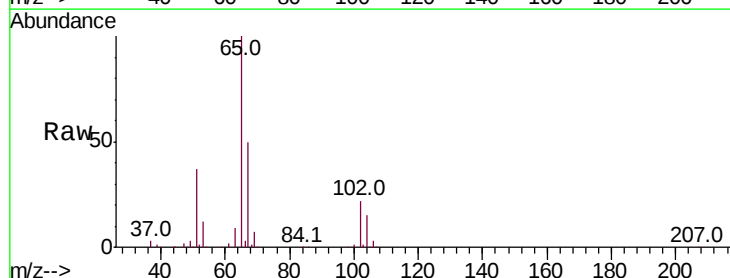
Acq: 24 Oct 2019 09:37

Tgt Ion: 65 Resp: 125072

Ion Ratio Lower Upper

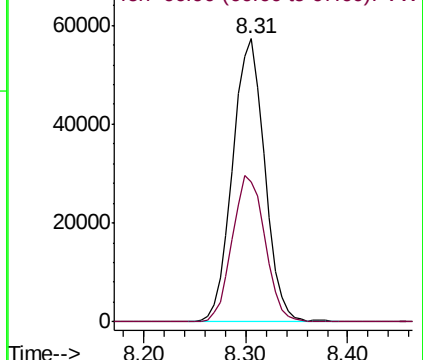
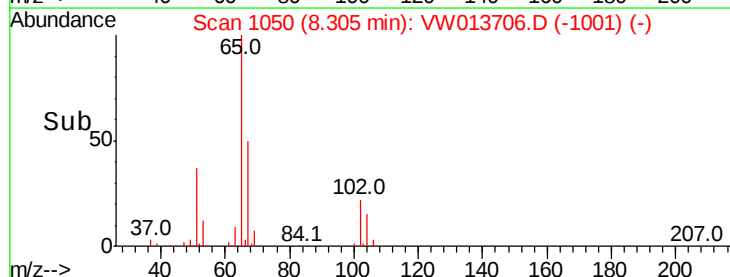
65 100

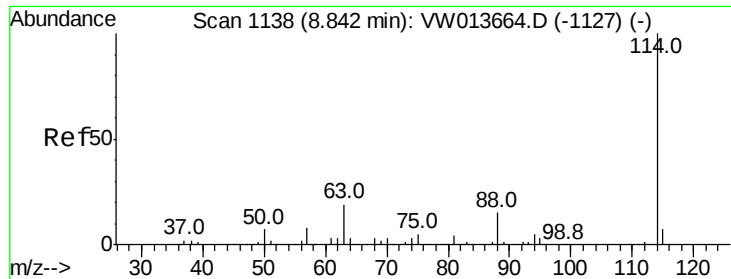
67 52.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

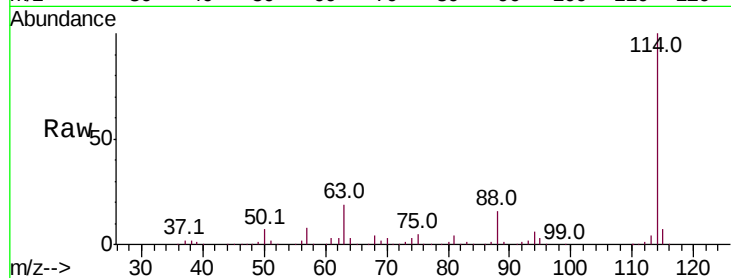




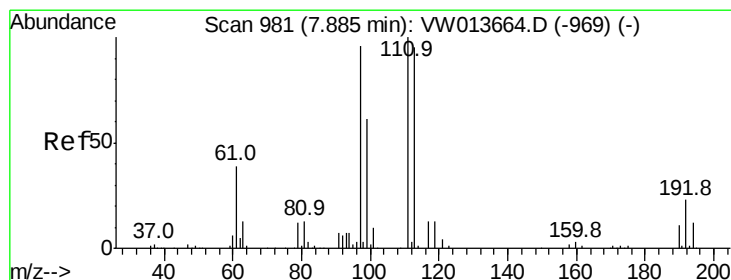
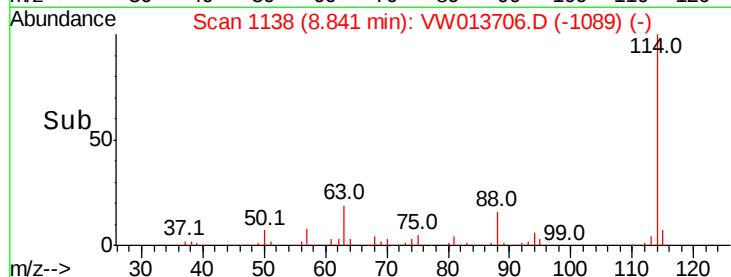
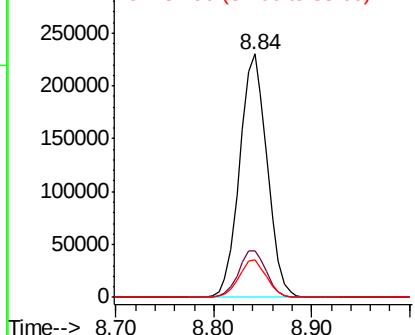
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013706.D
 Acq: 24 Oct 2019 09:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 448066
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.6
 88 15.5 0.0 30.2

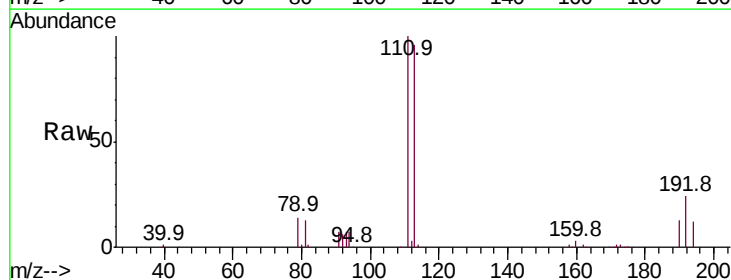


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

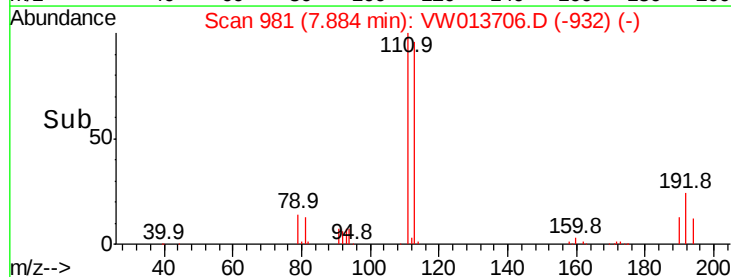
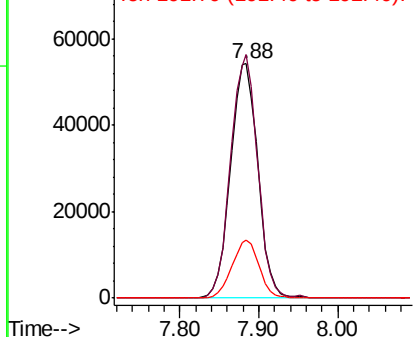


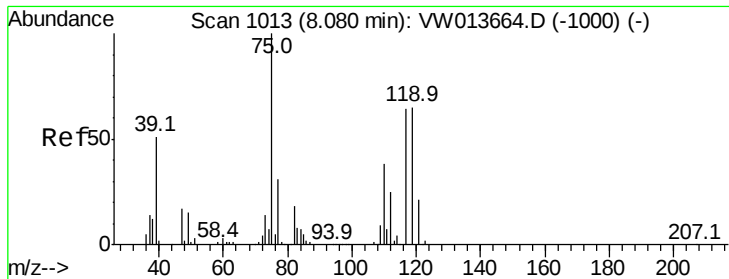
#35
 Dibromofluoromethane
 Concen: 52.597 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013706.D
 Acq: 24 Oct 2019 09:37

Tgt Ion:113 Resp: 130950
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.6
 192 24.3 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: 4.241 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013706.D

Acq: 24 Oct 2019 09:37

Instrument :

MSVOA_W

ClientSampled :

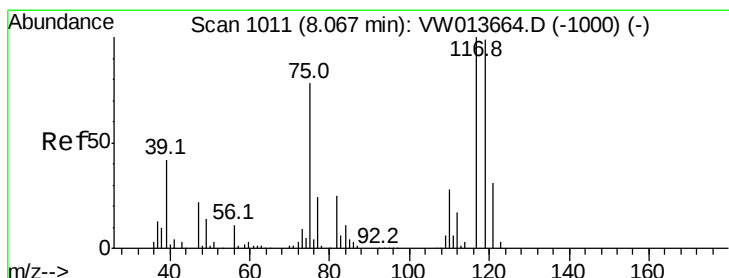
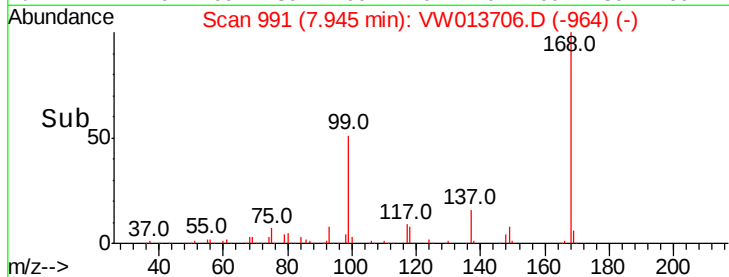
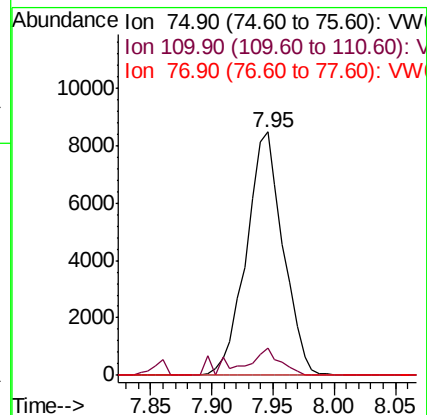
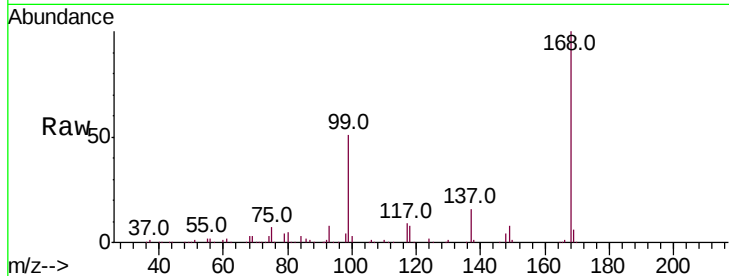
Tot Ion: 75 Resp: 17699

Ion Ratio Lower Upper

75 100

110 8.0 18.7 56.1#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.611 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013706.D

Acq: 24 Oct 2019 09:37

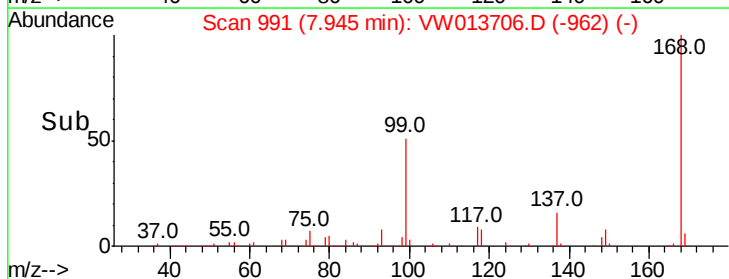
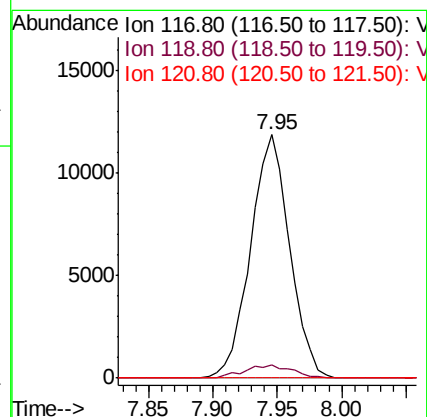
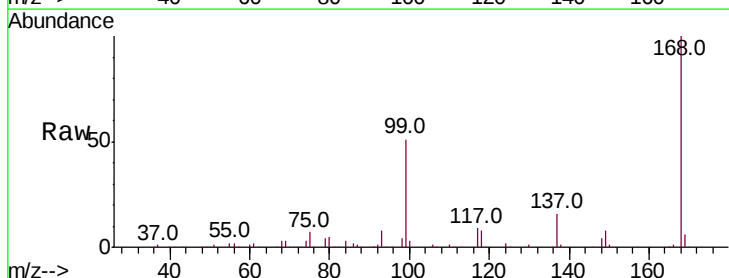
Tgt Ion: 117 Resp: 24844

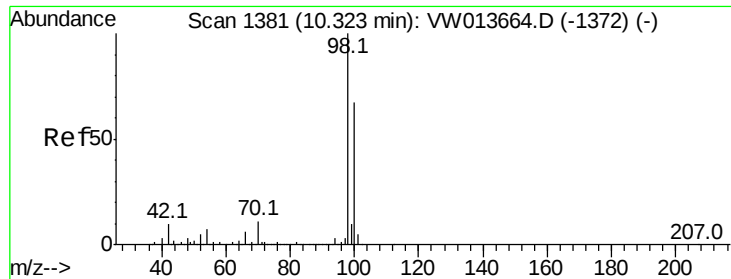
Ion Ratio Lower Upper

117 100

119 5.3 79.0 118.4#

121 0.0 24.5 36.7#

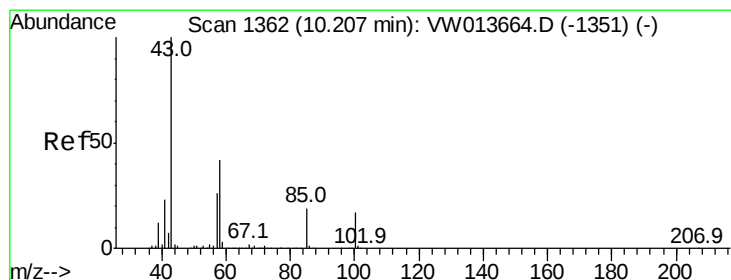
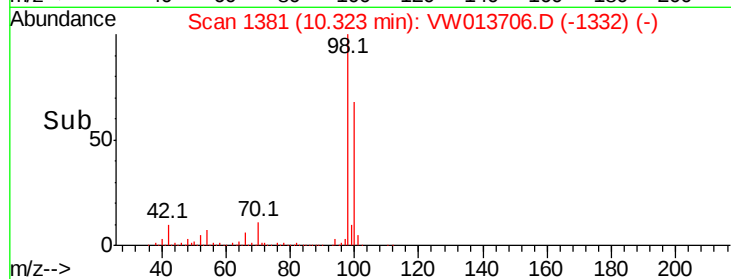
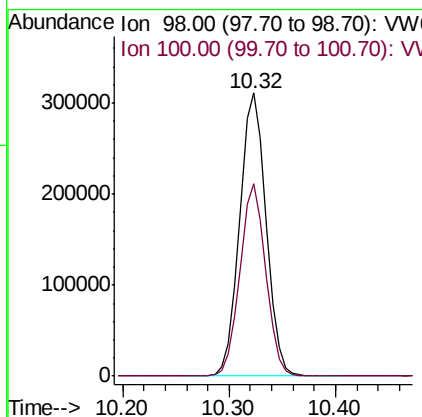
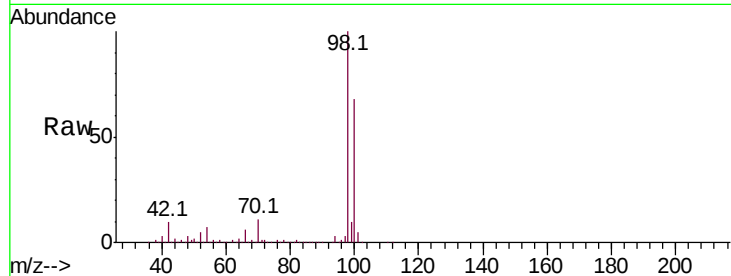




#50
Toluene-d8
Concen: 53.478 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013706.D
Acq: 24 Oct 2019 09:37

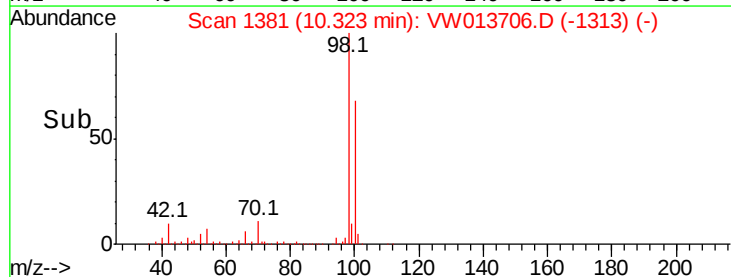
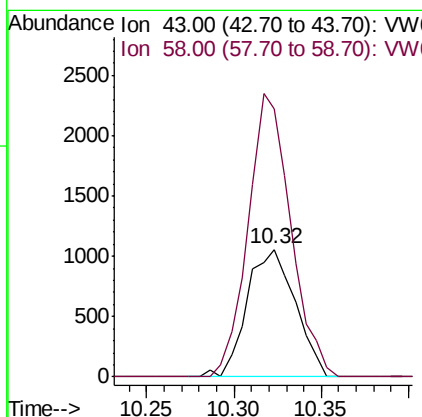
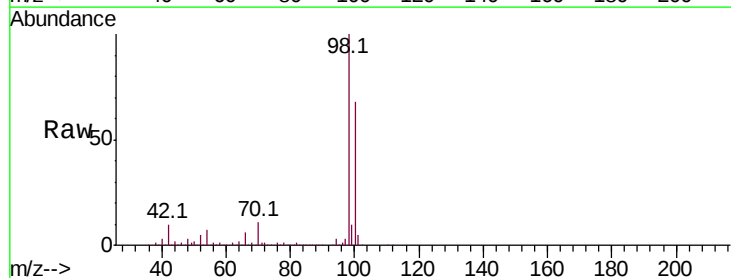
Instrument :
MSVOA_W
ClientSampleId :

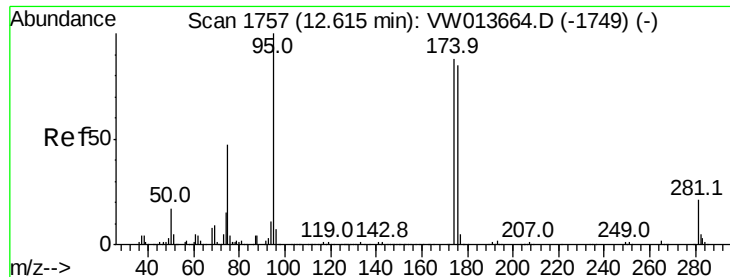
Tot Ion: 98 Resp: 542530
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 1.333 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.12 min
Lab File: VW013706.D
Acq: 24 Oct 2019 09:37

Tgt Ion: 43 Resp: 2025
Ion Ratio Lower Upper
43 100
58 196.7 32.6 49.0#

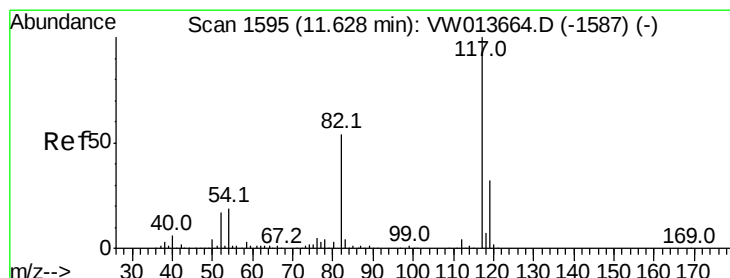
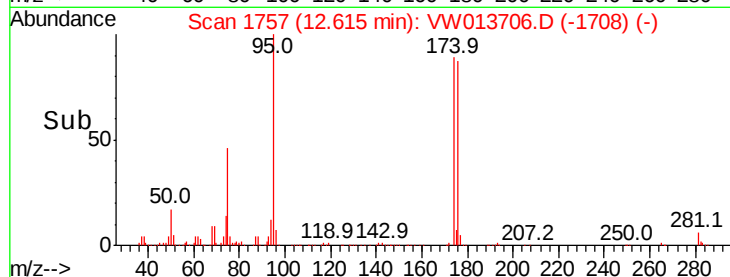
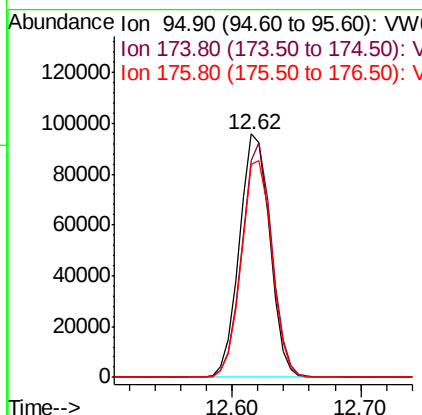
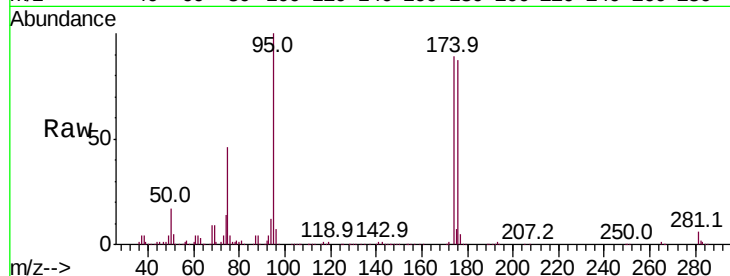




#62
4-Bromofluorobenzene
Concen: 45.620 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013706.D
Acq: 24 Oct 2019 09:37

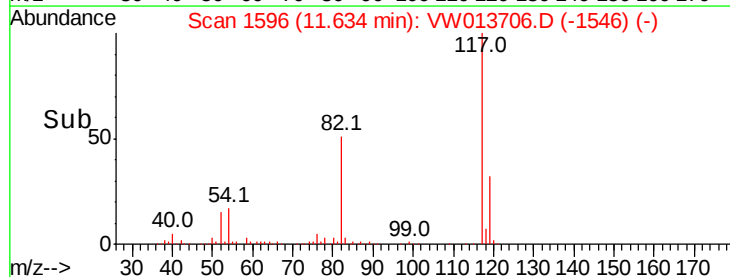
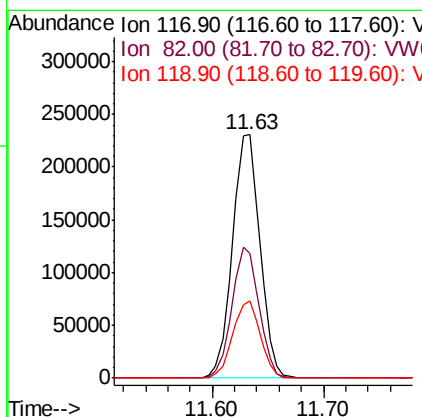
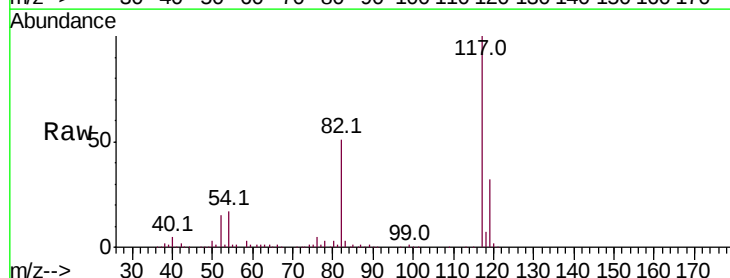
Instrument :
MSVOA_W
ClientSampleId :

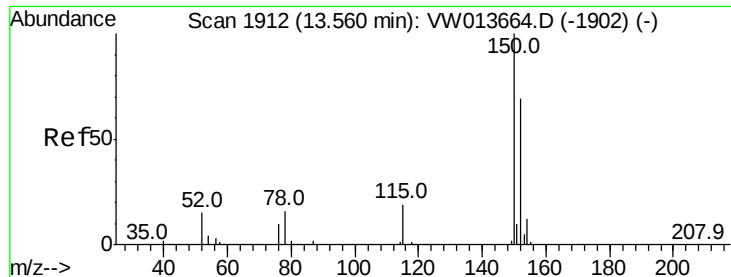
Tot Ion: 95 Resp: 156710
Ion Ratio Lower Upper
95 100
174 94.0 0.0 183.6
176 89.7 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013706.D
Acq: 24 Oct 2019 09:37

Tgt Ion: 117 Resp: 394976
Ion Ratio Lower Upper
117 100
82 50.9 43.6 65.4
119 31.5 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: VW013706.D

Acq: 24 Oct 2019 09:37

Instrument :

MSVOA_W

ClientSampleId :

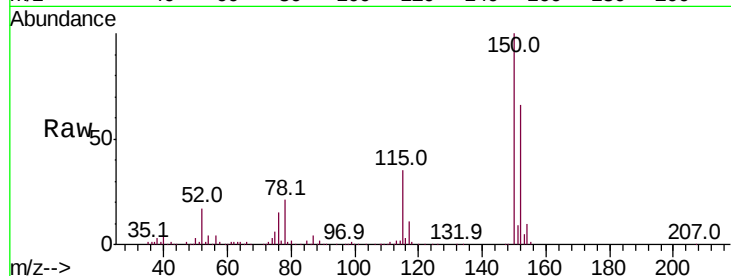
Tot Ion:152 Resp: 147301

Ion Ratio Lower Upper

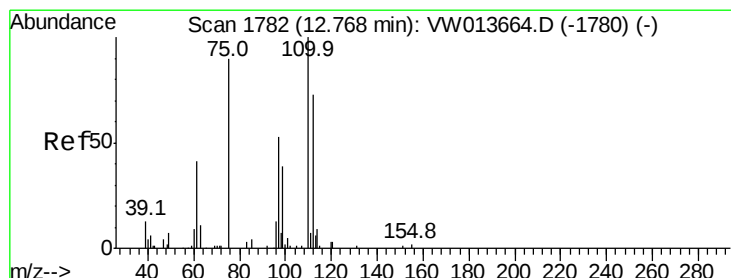
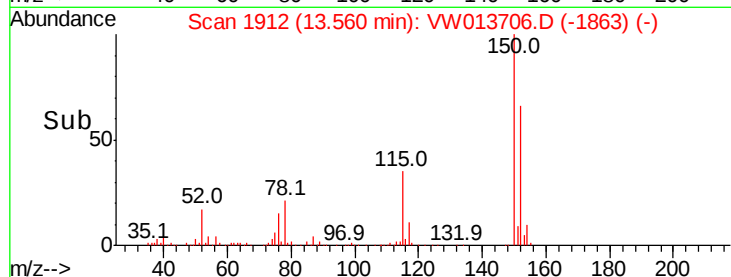
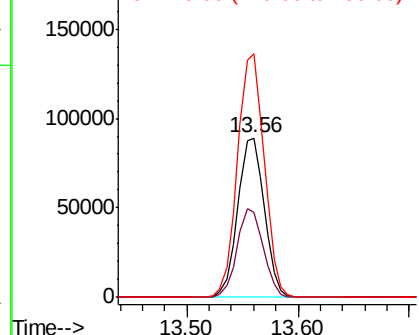
152 100

115 54.9 27.4 82.2

150 153.8 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: 69.814 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW013706.D

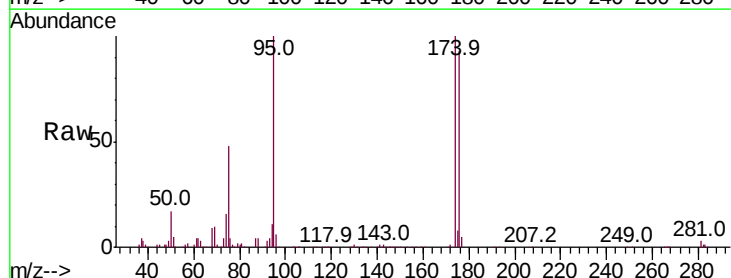
Acq: 24 Oct 2019 09:37

Tgt Ion: 75 Resp: 73851

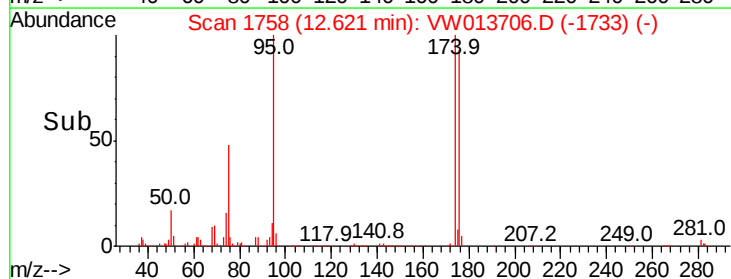
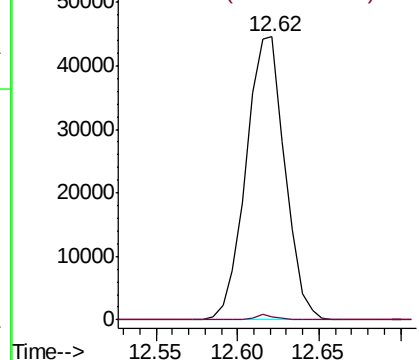
Ion Ratio Lower Upper

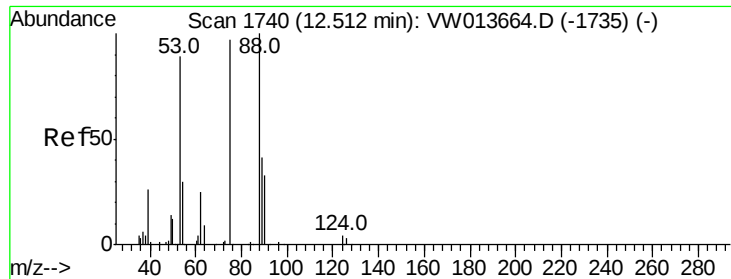
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 131.939 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW013706.D

Acq: 24 Oct 2019 09:37

Instrument :

MSVOA_W

ClientSampleId :

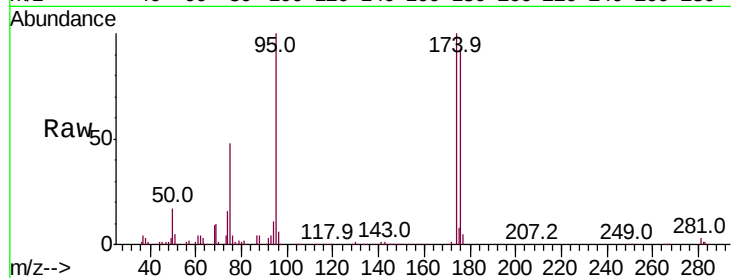
Tot Ion: 75 Resp: 73851

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

