

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013763.D
 Acq On : 28 Oct 2019 13:47
 Operator : SY/VA
 Sample : K5545-02
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 11:46:13 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

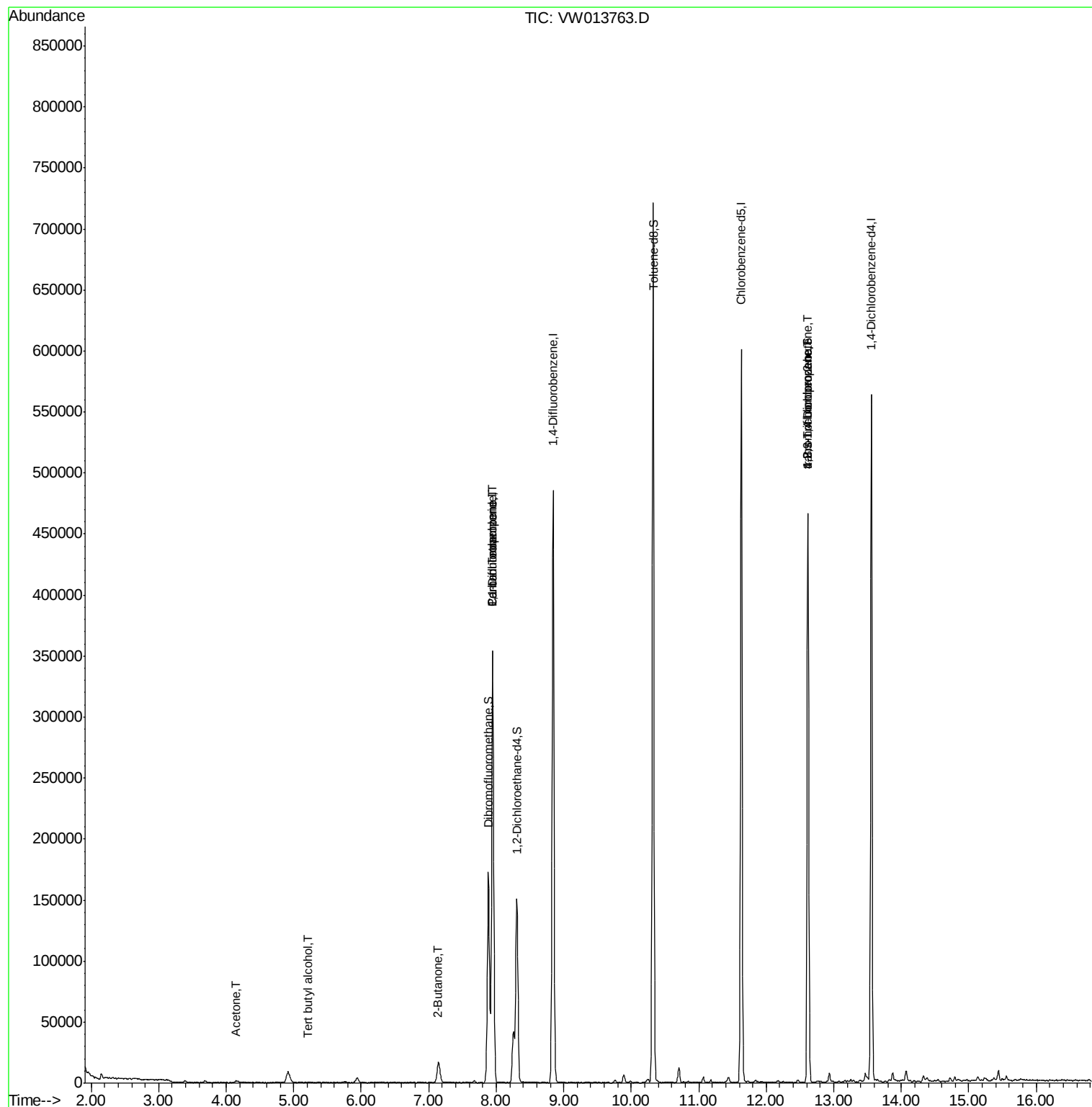
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115757	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.88	113	122888	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.32	98	496058	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	155837	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	445	3.387	ug/l #	71
16) Acetone	4.14	43	3609	7.734	ug/l	89
20) Methylene Chloride	4.92	84	7383	Below Cal	#	91
25) 2-Butanone	7.14	43	709	1.057	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	18155	4.546	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25296	7.034	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	72572	61.276	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72572	115.803	ug/l #	14

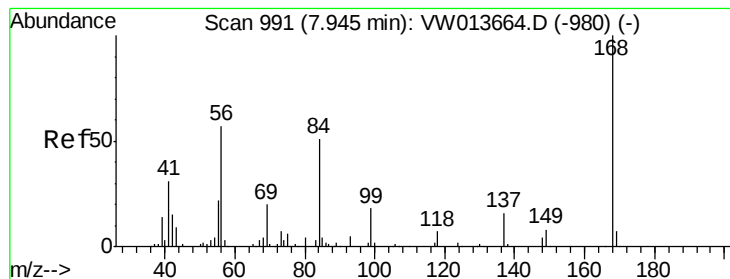
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 29 11:46:13 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: VW013763.D

Acq: 28 Oct 2019 13:47

Instrument :

MSVOA_W

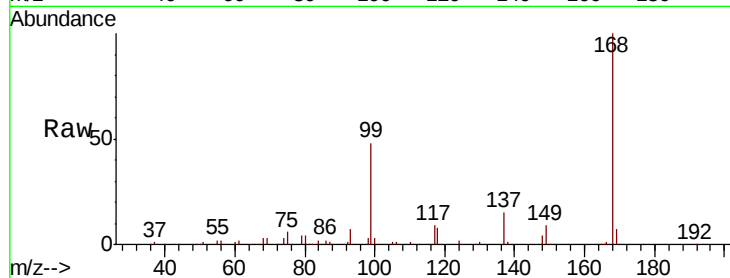
ClientSampleId :

Tot Ion:168 Resp: 293371

Ion Ratio Lower Upper

168 100

99 48.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

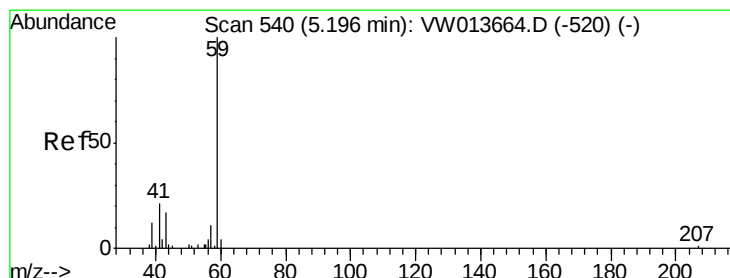
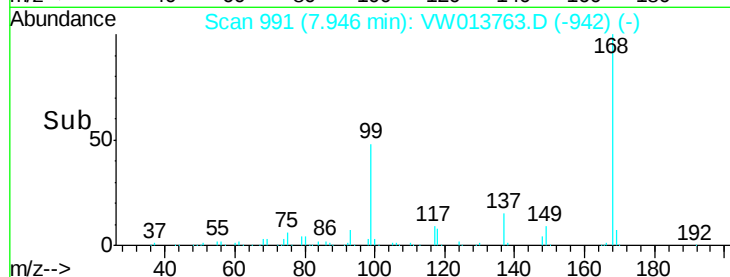
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 3.387 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.01 min

Lab File: VW013763.D

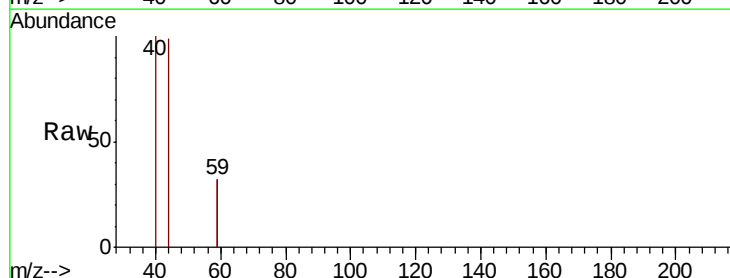
Acq: 28 Oct 2019 13:47

Tgt Ion: 59 Resp: 445

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

5.20

200

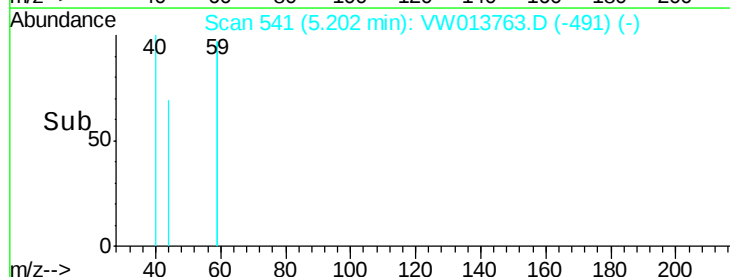
150

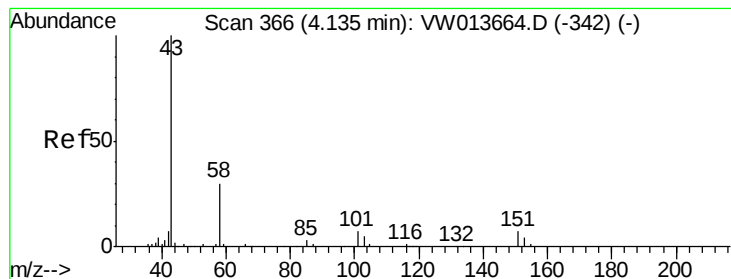
100

50

0

Time--> 5.20 5.25





#16

Acetone

Concen: 7.734 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

Instrument :

MSVOA_W

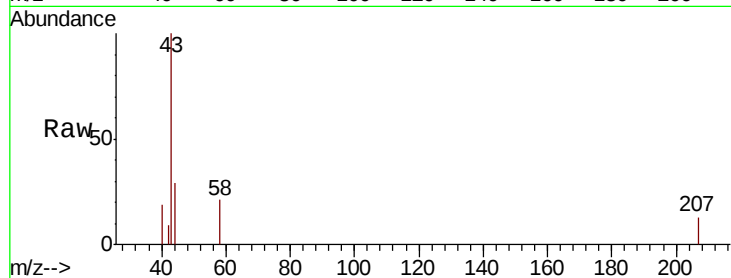
ClientSampled :

Tot Ion: 43 Resp: 3609

Ion Ratio Lower Upper

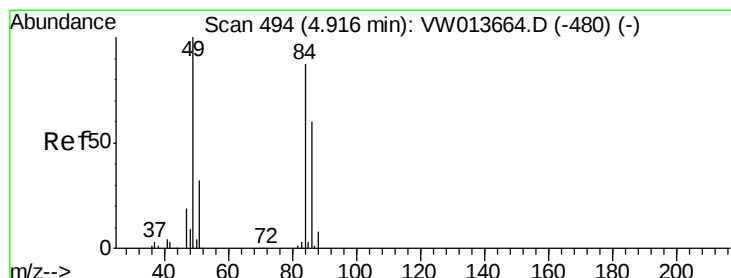
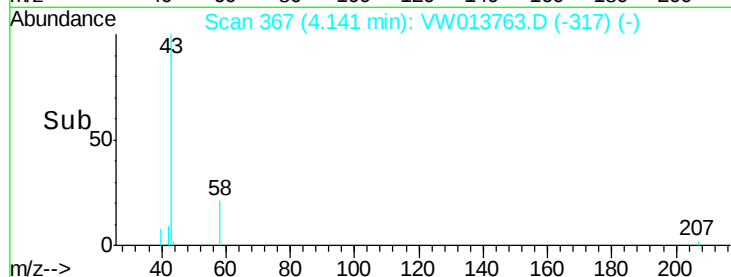
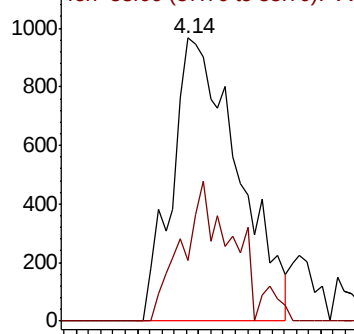
43 100

58 24.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

Tgt Ion: 84 Resp: 7383

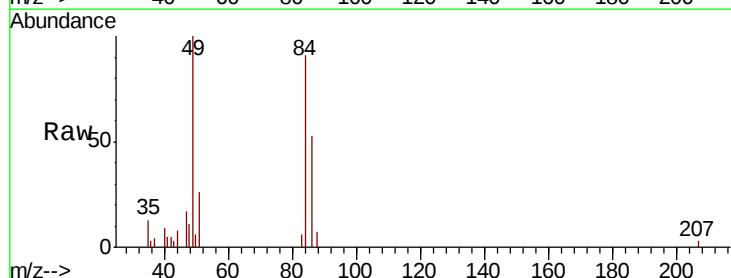
Ion Ratio Lower Upper

84 100

49 109.3 91.8 137.6

51 29.0 29.8 44.6#

86 58.3 55.2 82.8

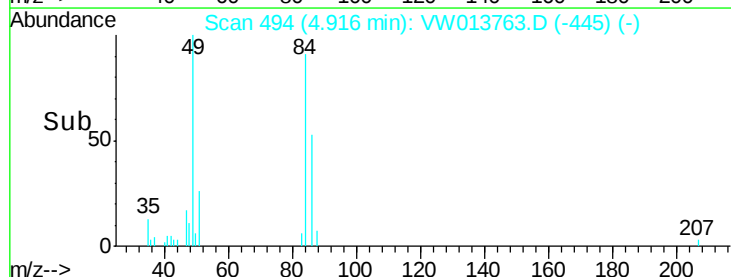
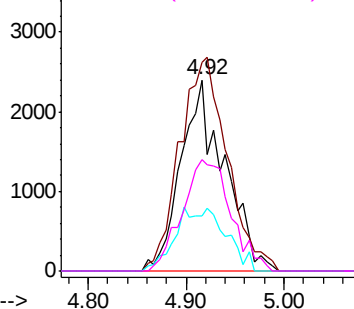


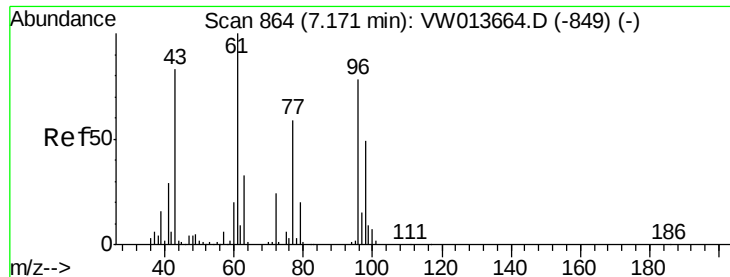
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 1.057 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

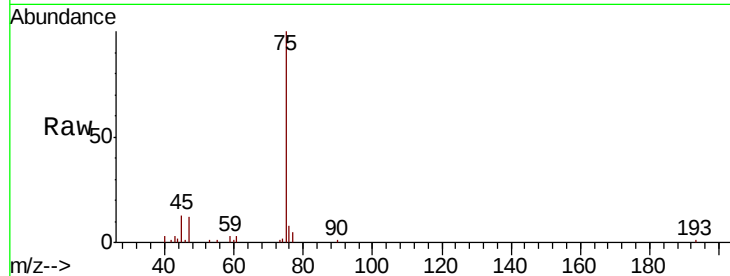
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 709

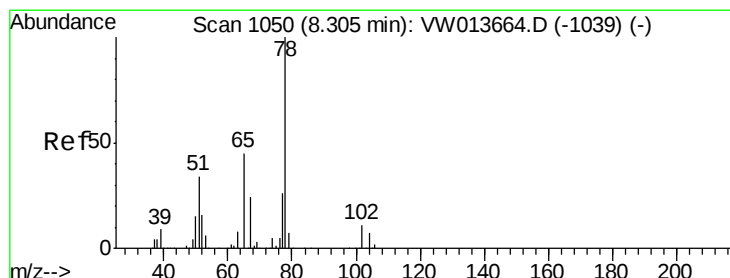
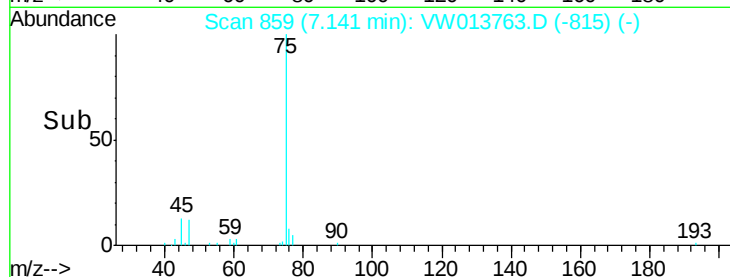
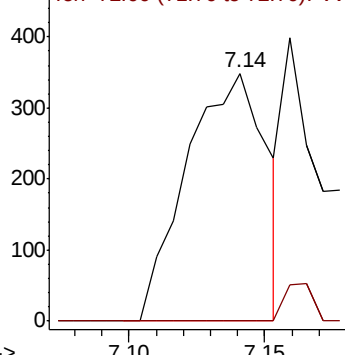
Ion Ratio Lower Upper

43 100

72 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 52.599 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013763.D

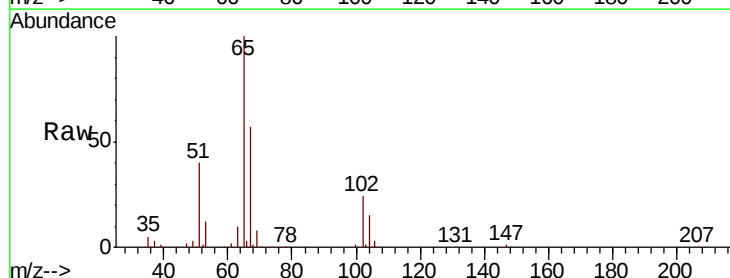
Acq: 28 Oct 2019 13:47

Tgt Ion: 65 Resp: 115757

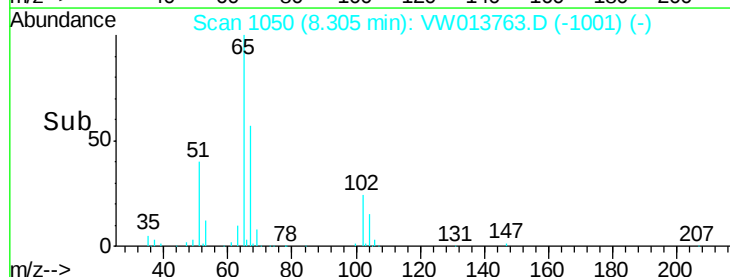
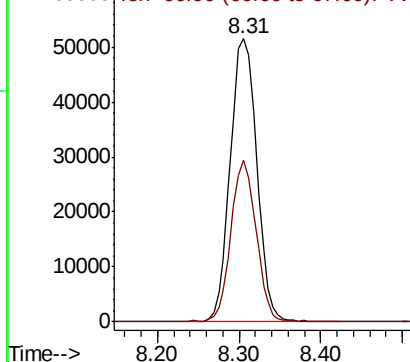
Ion Ratio Lower Upper

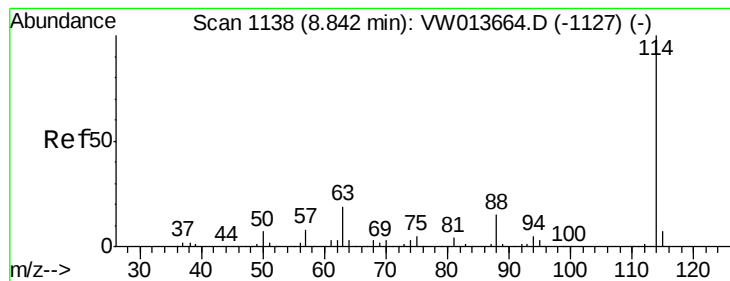
65 100

67 54.2 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: VW013763.D

Acq: 28 Oct 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

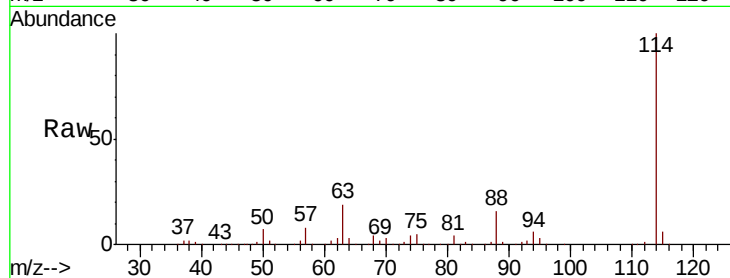
Tot Ion:114 Resp: 428826

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

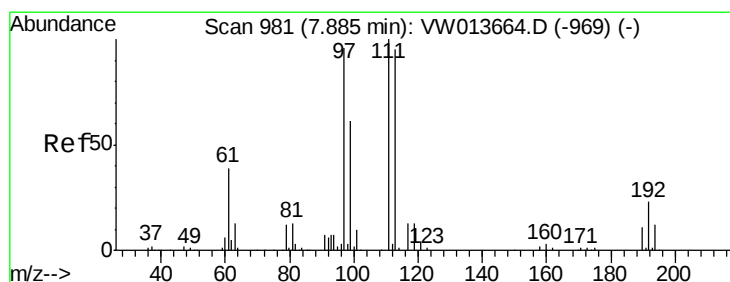
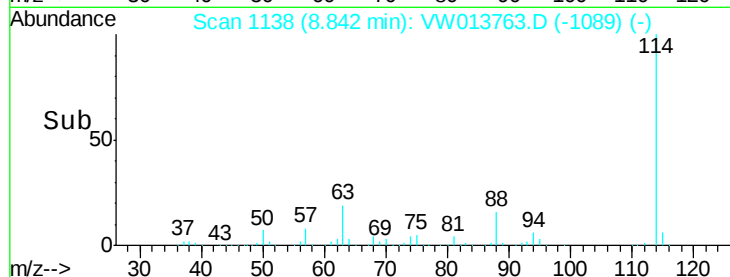
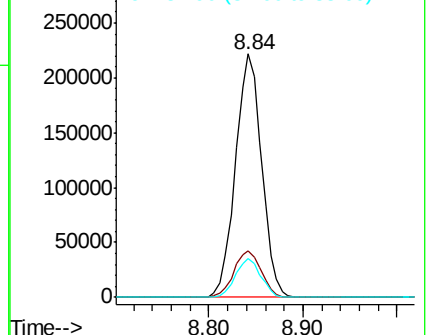
88 15.7 0.0 30.2



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: 51.573 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

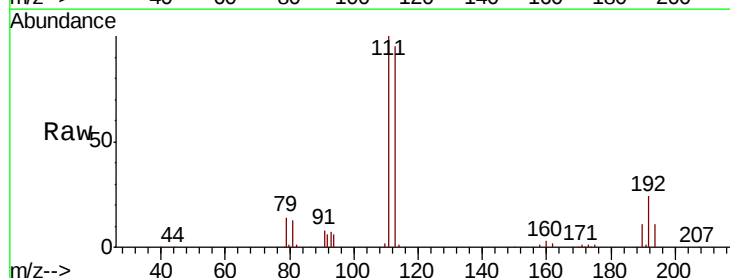
Tgt Ion:113 Resp: 122888

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

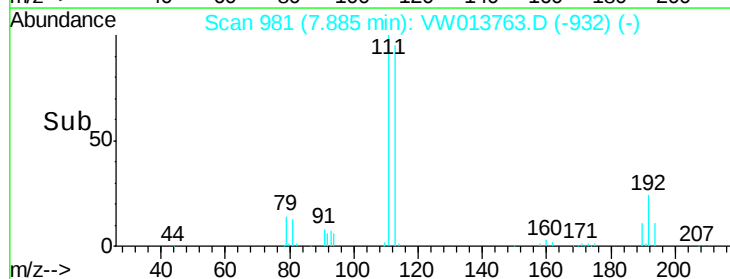
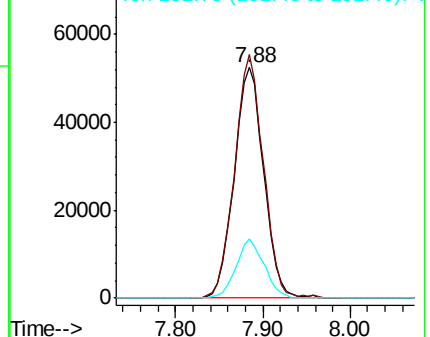
192 24.6 19.4 29.2

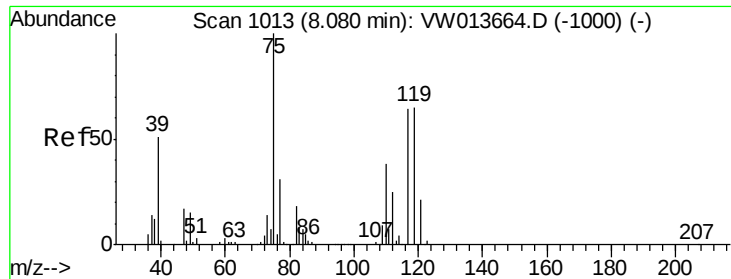


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

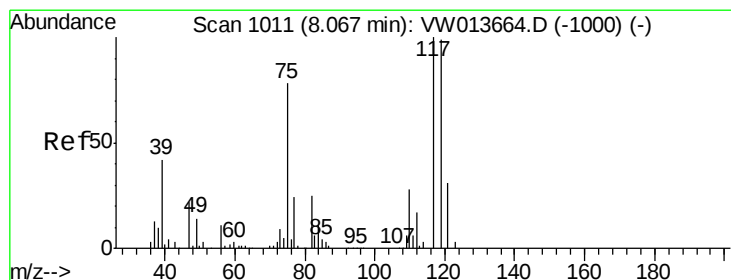
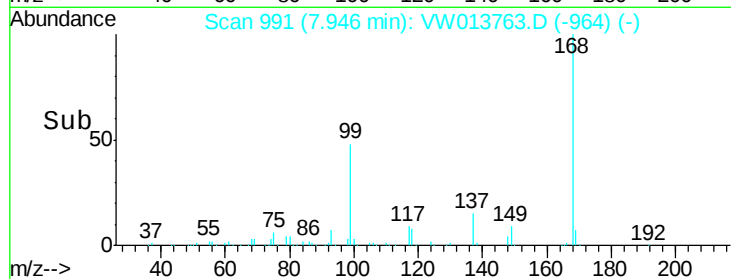
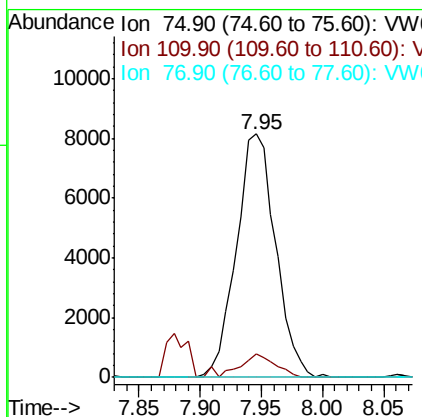
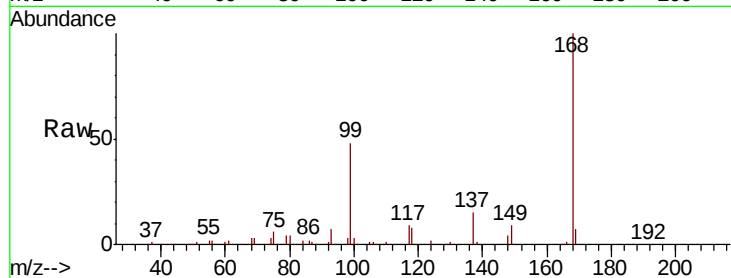




#36
 1,1-Dichloropropene
 Concen: 4.546 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013763.D
 Acq: 28 Oct 2019 13:47

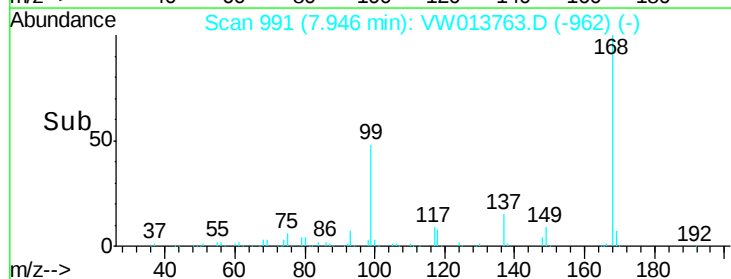
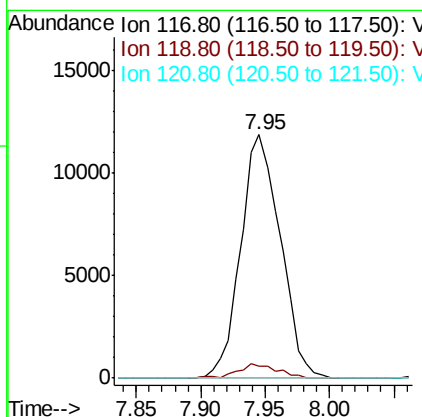
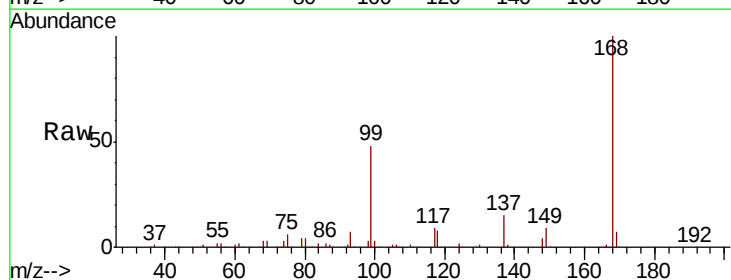
Instrument :
 MSVOA_W
 ClientSampled :

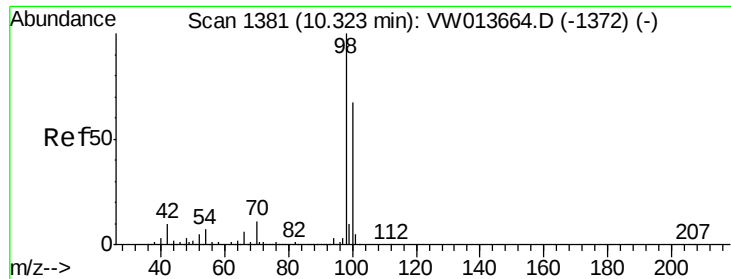
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 7.034 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013763.D
 Acq: 28 Oct 2019 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	79.0	118.4#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 51.091 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

Instrument :

MSVOA_W

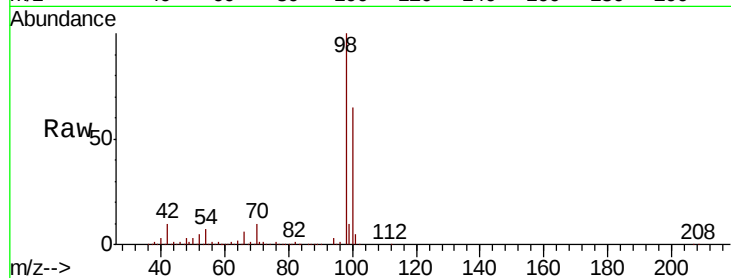
ClientSampleId :

Tot Ion: 98 Resp: 496058

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

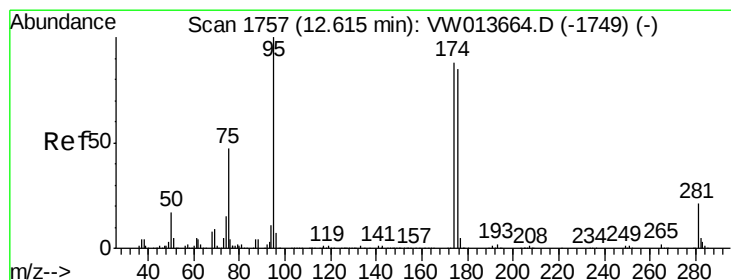
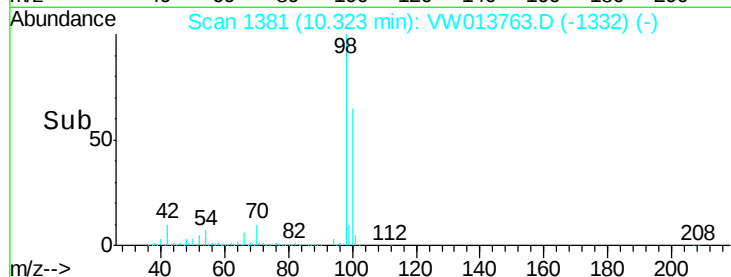
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 47.402 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

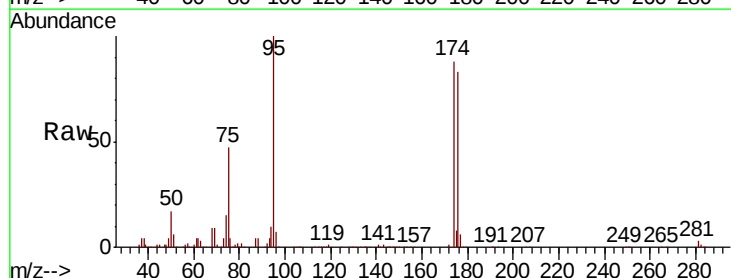
Tgt Ion: 95 Resp: 155837

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.6

176 88.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

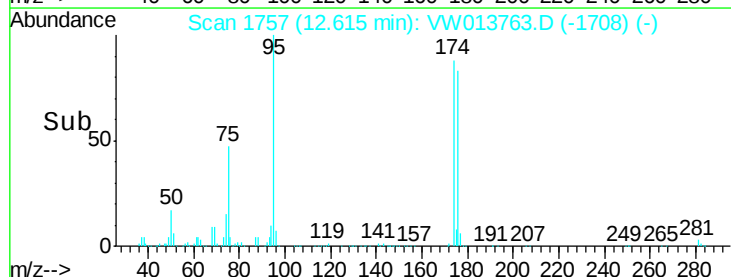
60000

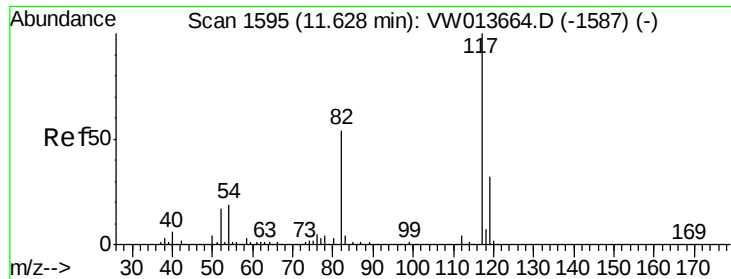
40000

20000

0

Time--> 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

Instrument :

MSVOA_W

ClientSampled :

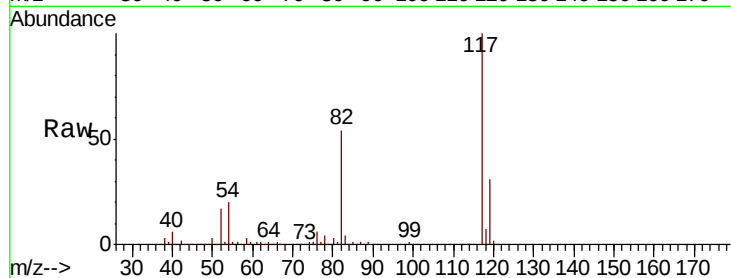
Tot Ion:117 Resp: 365577

Ion Ratio Lower Upper

117 100

82 53.5 43.6 65.4

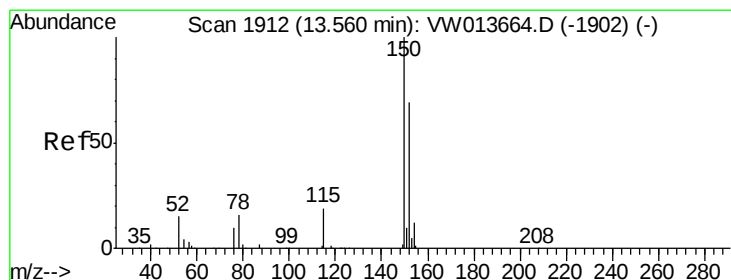
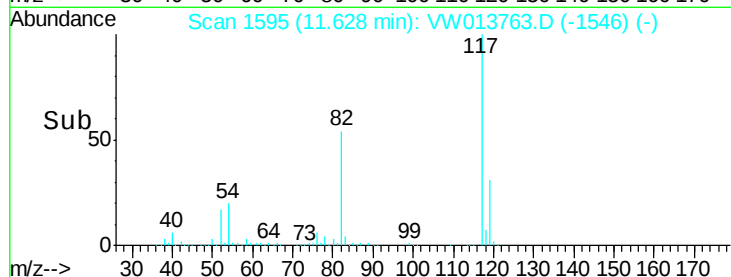
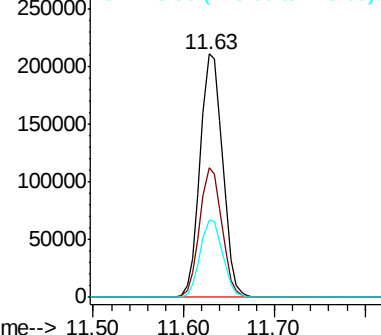
119 31.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW013763.D

Acq: 28 Oct 2019 13:47

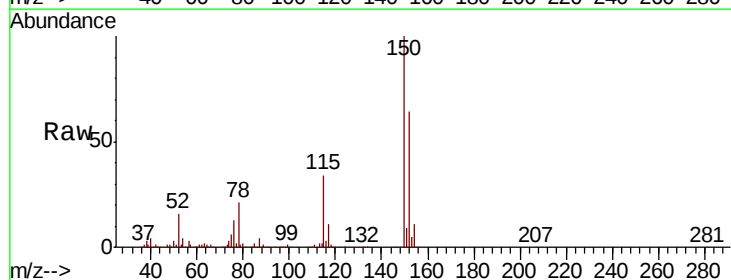
Tgt Ion:152 Resp: 164919

Ion Ratio Lower Upper

152 100

115 54.4 27.4 82.2

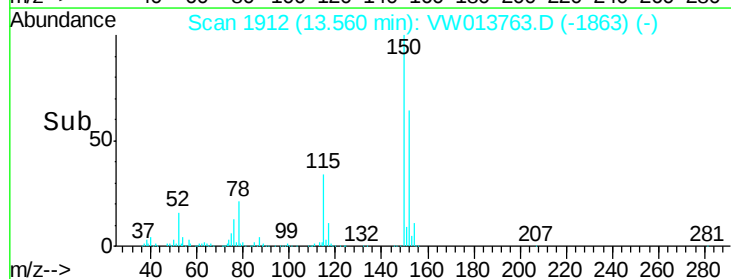
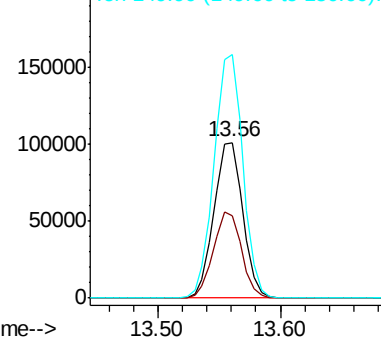
150 156.6 0.0 345.4

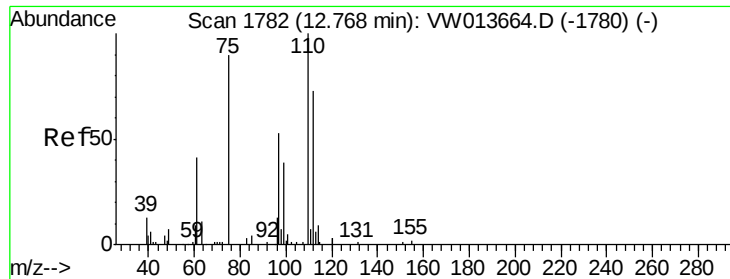


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 61.276 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

Instrument :

MSVOA_W

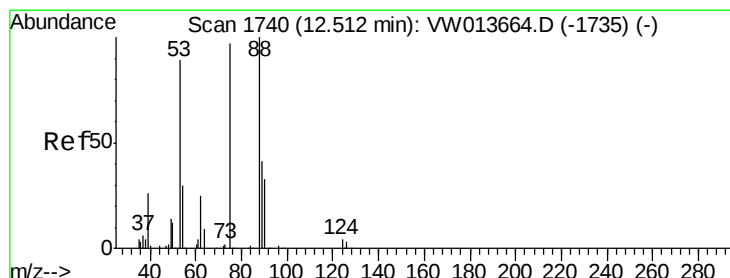
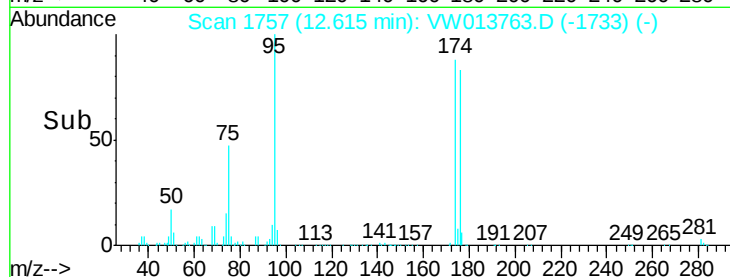
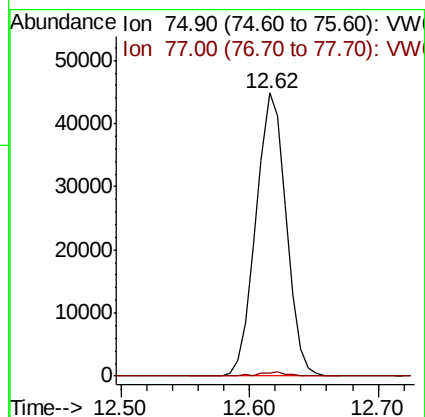
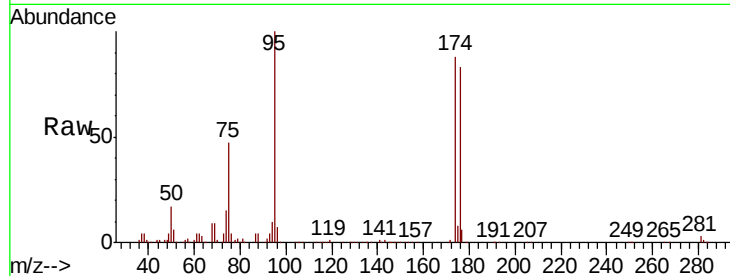
ClientSampled :

Tot Ion: 75 Resp: 72572

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.803 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

Tgt Ion: 75 Resp: 72572

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

