

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013773.D
 Acq On : 28 Oct 2019 18:07
 Operator : SY/VA
 Sample : K5542-12
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 201-22-(1)

Quant Time: Oct 29 11:47:55 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

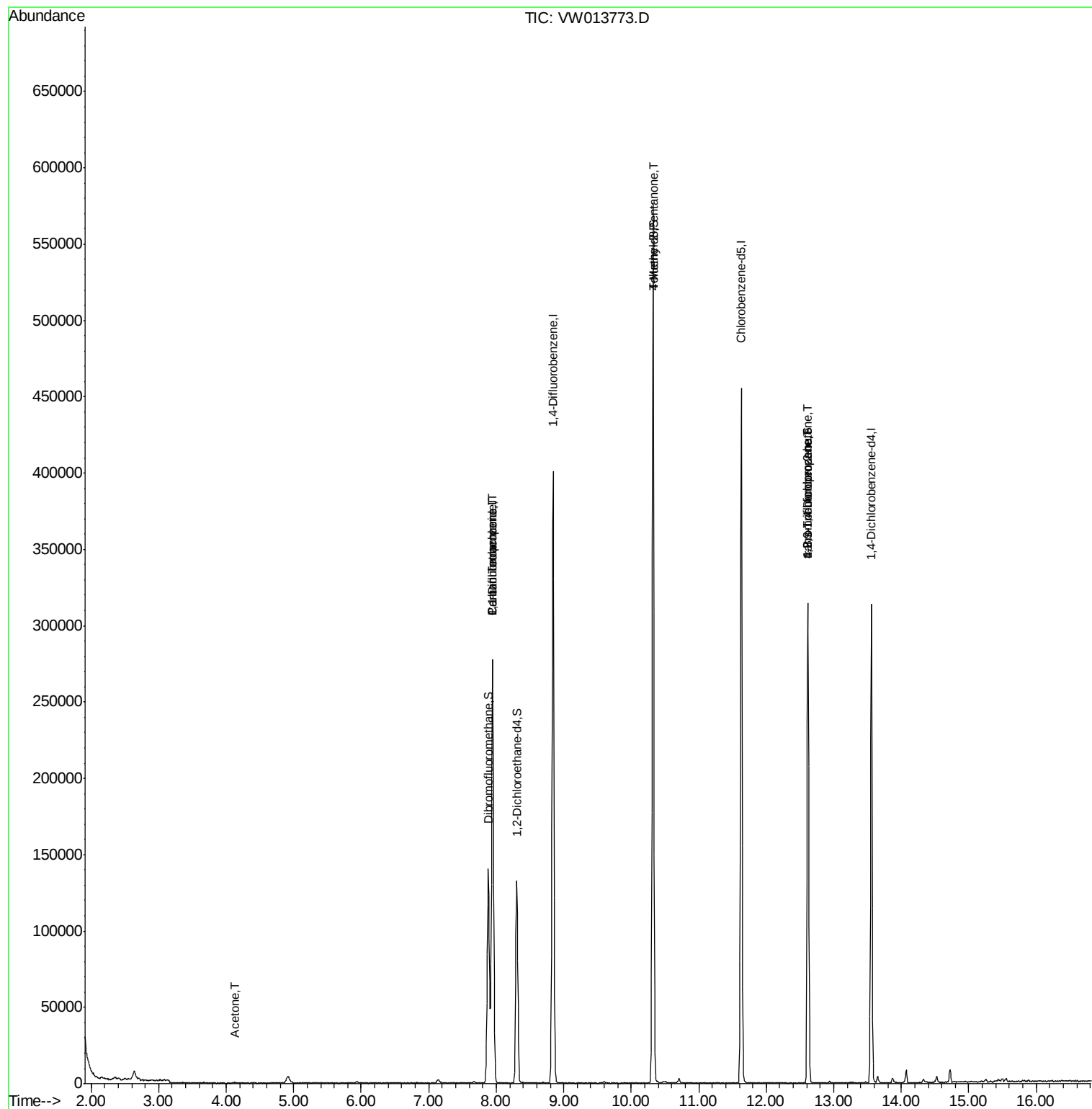
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	274417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	90246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	99943	57.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.26%	
35) Dibromofluoromethane	7.88	113	103662	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.32	98	389760	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	103566	39.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	810	2.203	ug/l	97
20) Methylene Chloride	4.92	84	3868	Below Cal	#	91
36) 1,1-Dichloropropene	7.95	75	14386	4.478	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19219	6.643	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1383	1.182	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	47754	73.684	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47754	139.252	ug/l #	14

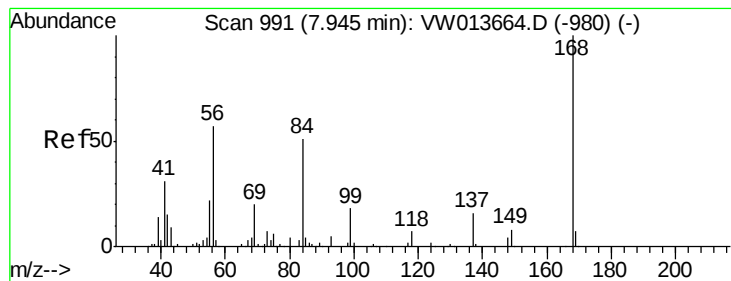
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
201-22-(1)

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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: VW013773.D

Acq: 28 Oct 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

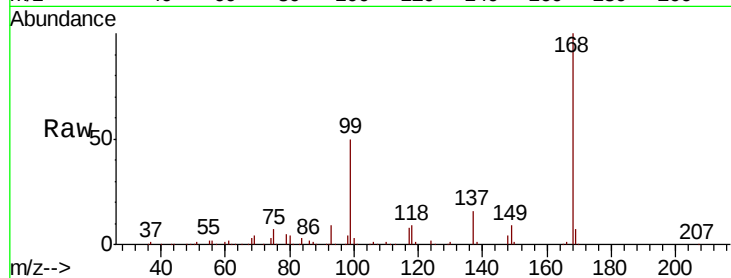
201-22-(1)

Tot Ion:168 Resp: 231177

Ion Ratio Lower Upper

168 100

99 49.7 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

100000

80000

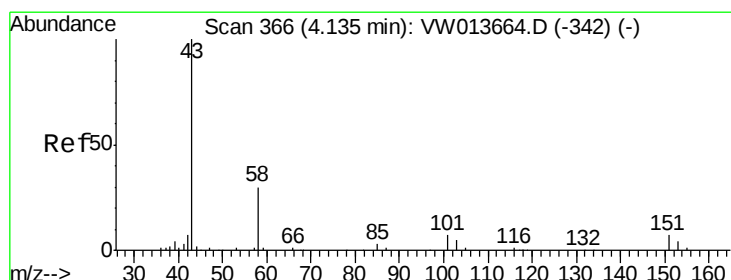
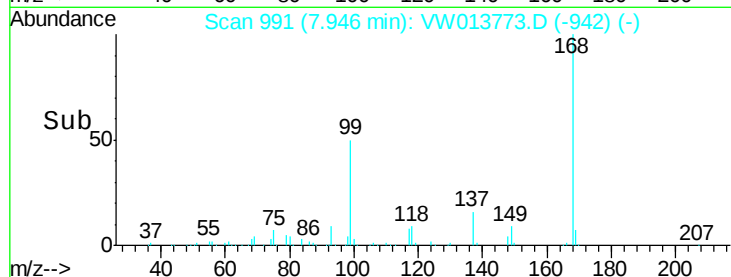
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.203 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013773.D

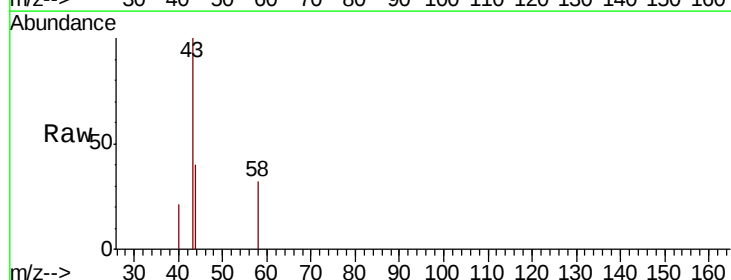
Acq: 28 Oct 2019 18:07

Tgt Ion: 43 Resp: 810

Ion Ratio Lower Upper

43 100

58 31.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

400

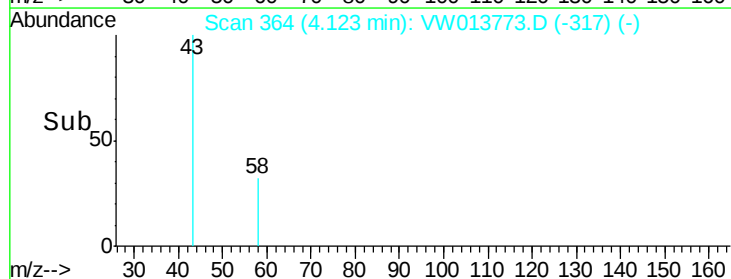
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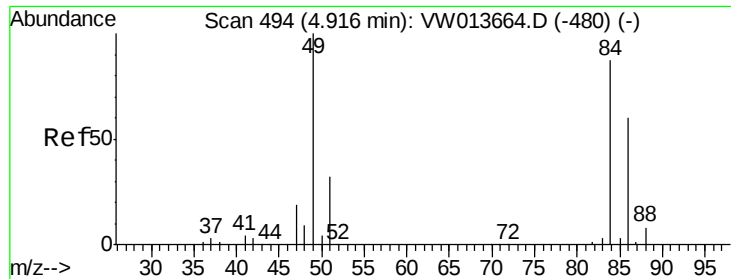
200

100

0

Time-->

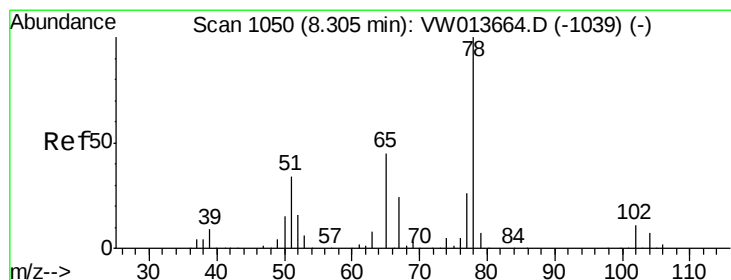
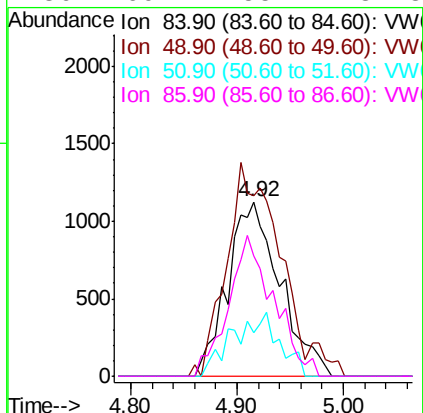
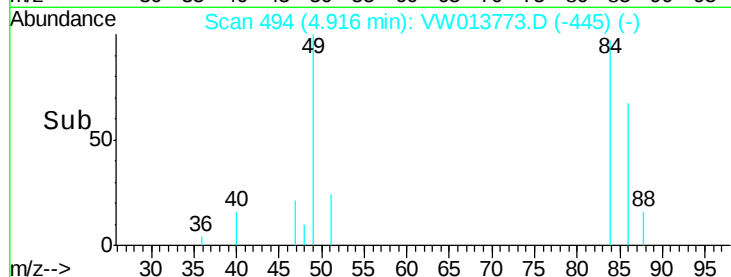
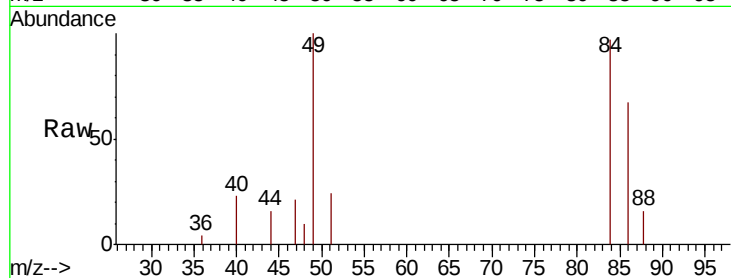




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013773.D
Acq: 28 Oct 2019 18:07

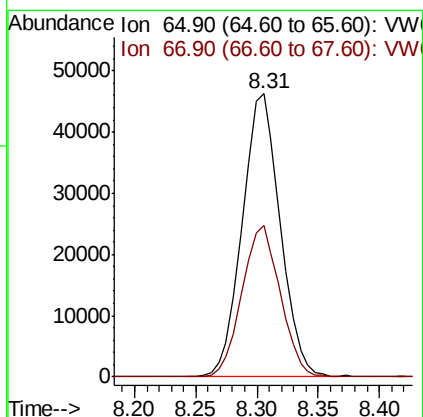
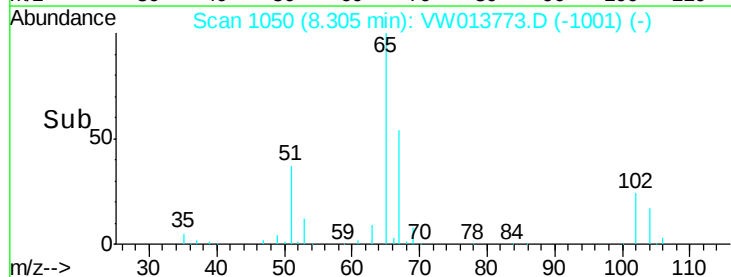
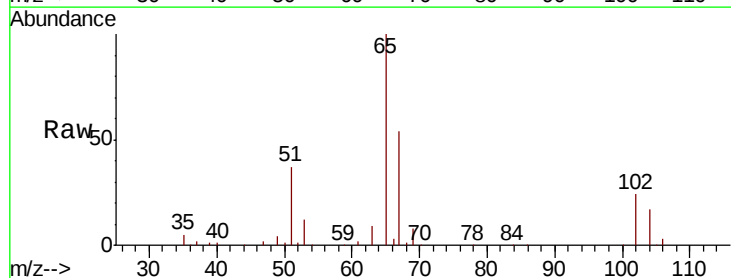
Instrument :
MSVOA_W
ClientSampleId :
201-22-(1)

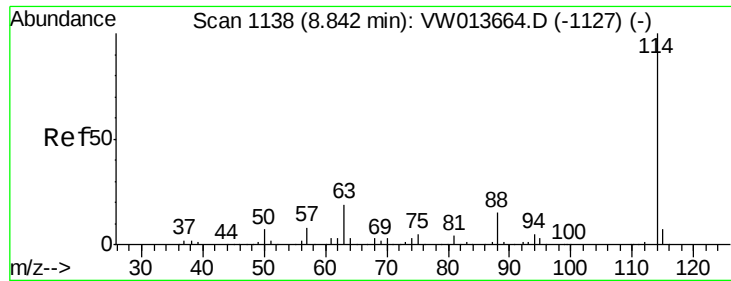
Tot Ion: 84 Resp: 3868
Ion Ratio Lower Upper
84 100
49 103.6 91.8 137.6
51 25.3 29.8 44.6#
86 69.2 55.2 82.8



#33
1,2-Dichloroethane-d4
Concen: 57.630 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013773.D
Acq: 28 Oct 2019 18:07

Tgt Ion: 65 Resp: 99943
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.4

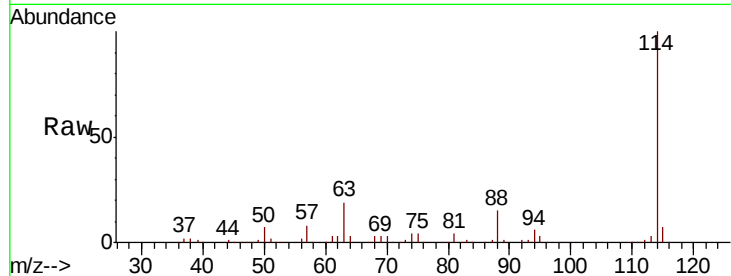




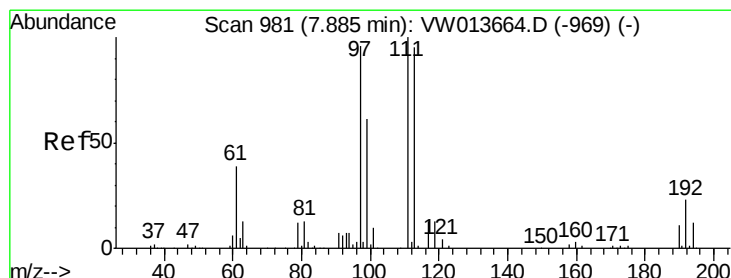
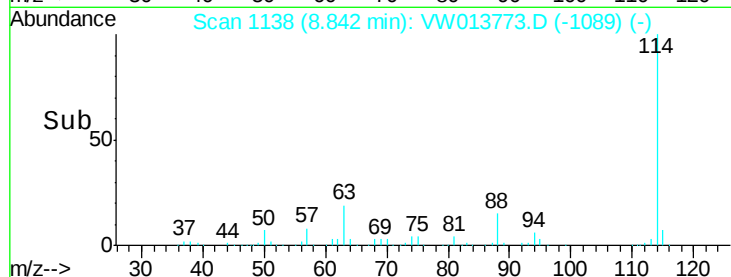
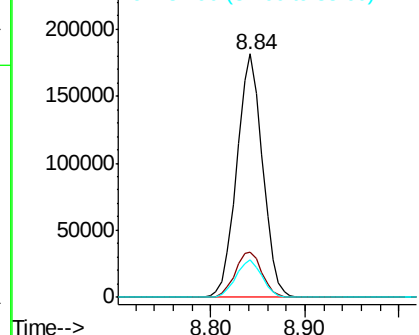
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013773.D
 Acq: 28 Oct 2019 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 201-22-(1)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.6
88	15.4	0.0	30.2

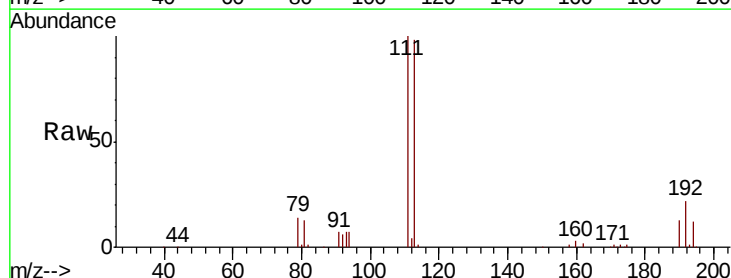


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

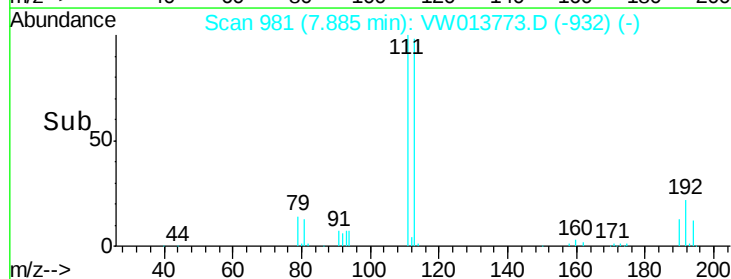
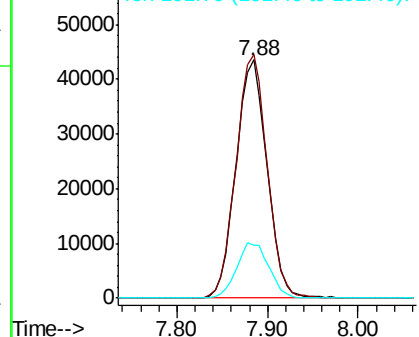


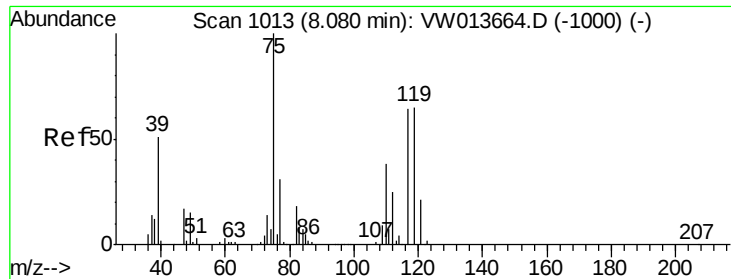
#35
 Dibromofluoromethane
 Concen: 54.082 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013773.D
 Acq: 28 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.6
192	24.0	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

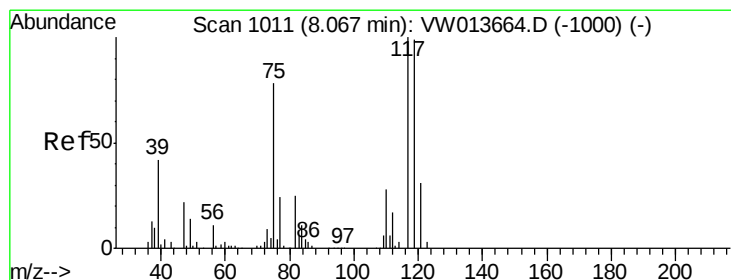
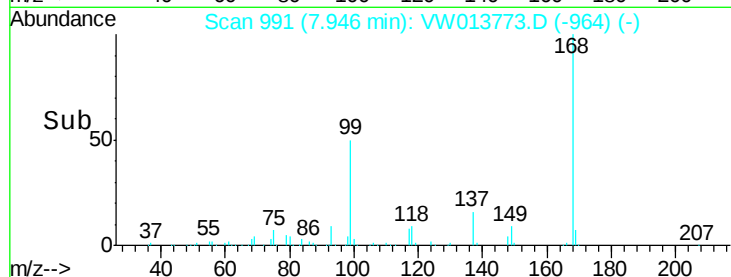
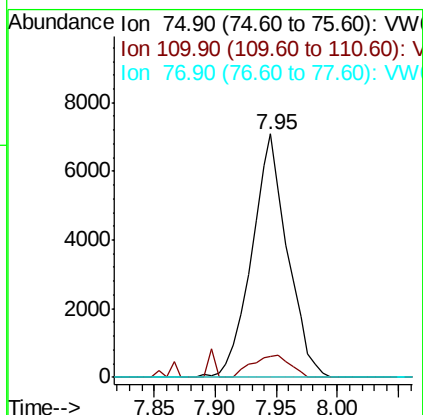
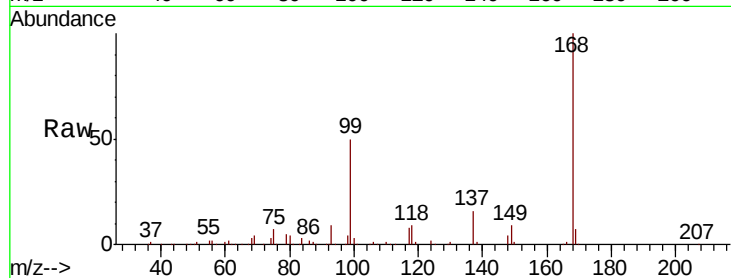




#36
 1,1-Dichloropropene
 Concen: 4.478 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013773.D
 Acq: 28 Oct 2019 18:07

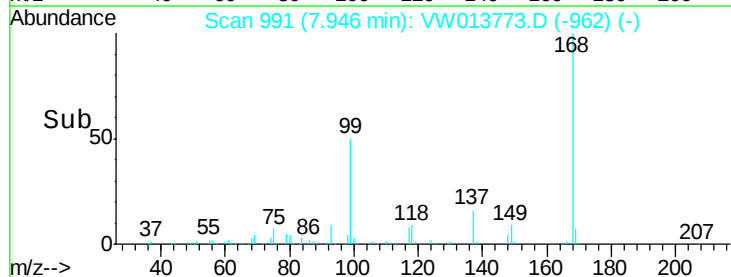
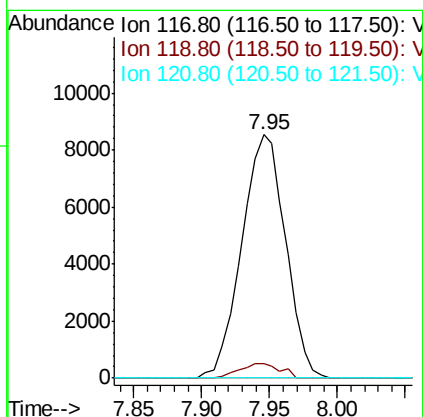
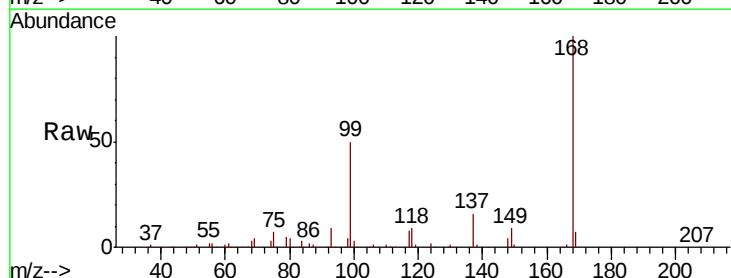
Instrument :
 MSVOA_W
 ClientSampleId :
 201-22-(1)

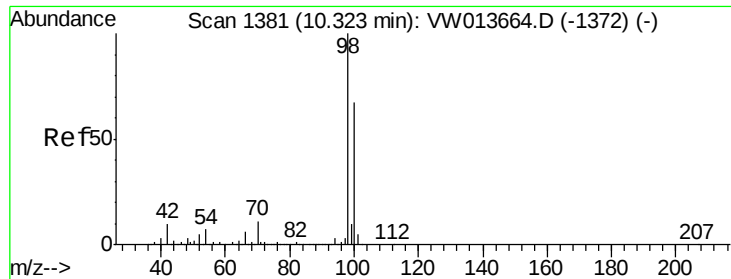
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.643 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013773.D
 Acq: 28 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	79.0	118.4#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 49.903 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013773.D

Acq: 28 Oct 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

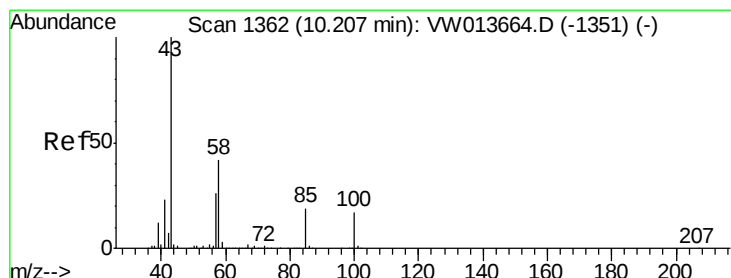
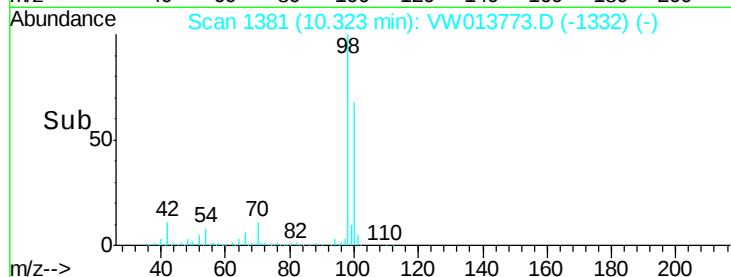
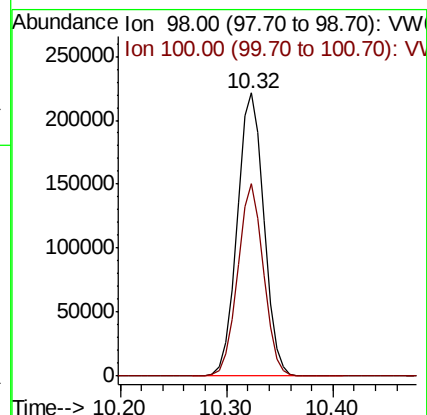
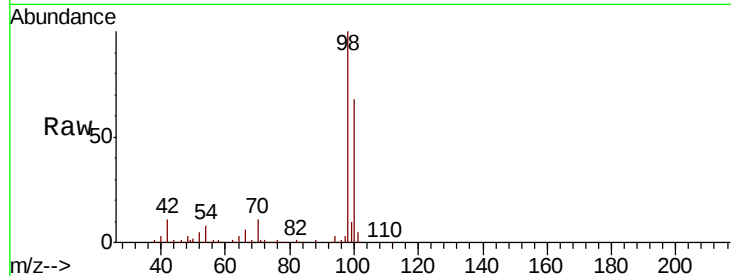
201-22-(1)

Tot Ion: 98 Resp: 389760

Ion Ratio Lower Upper

98 100

100 65.6 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 1.182 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013773.D

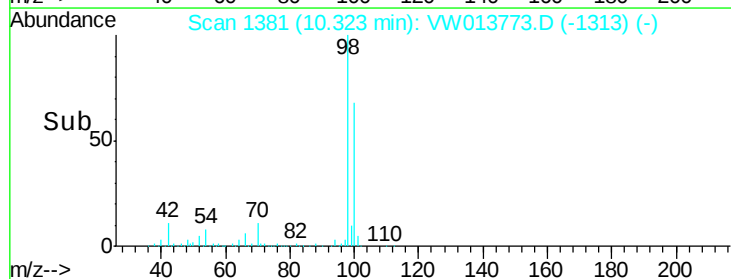
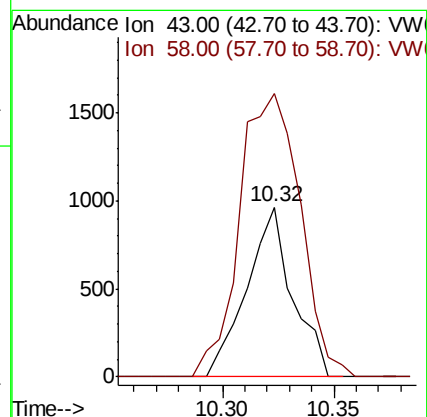
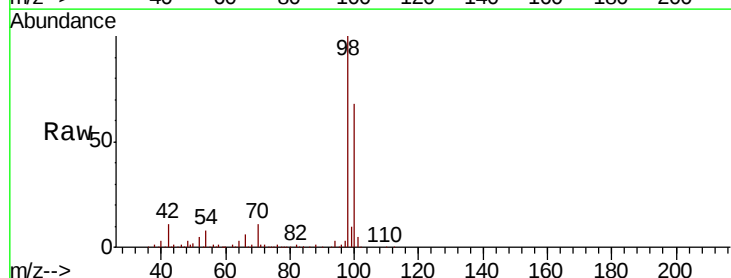
Acq: 28 Oct 2019 18:07

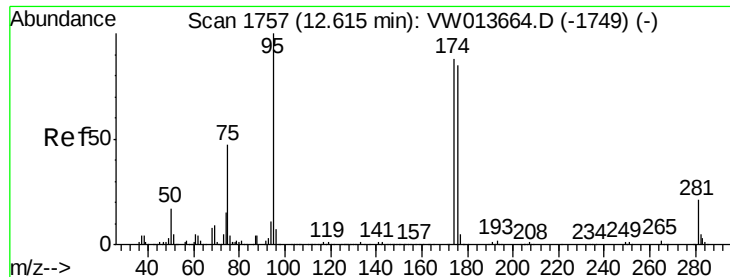
Tgt Ion: 43 Resp: 1383

Ion Ratio Lower Upper

43 100

58 220.8 32.6 49.0#

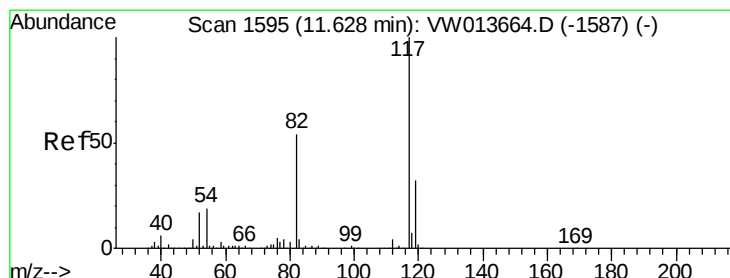
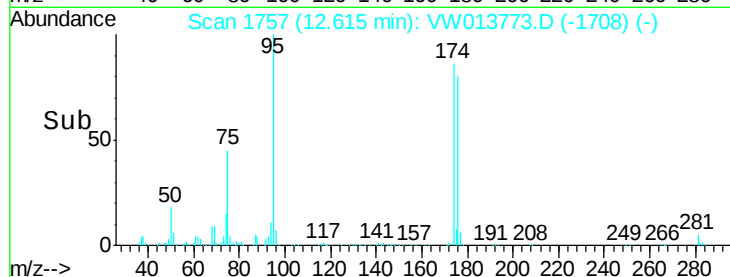
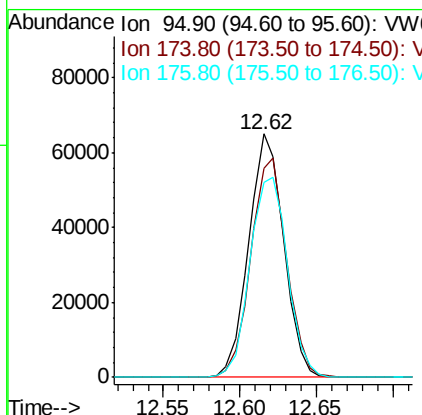
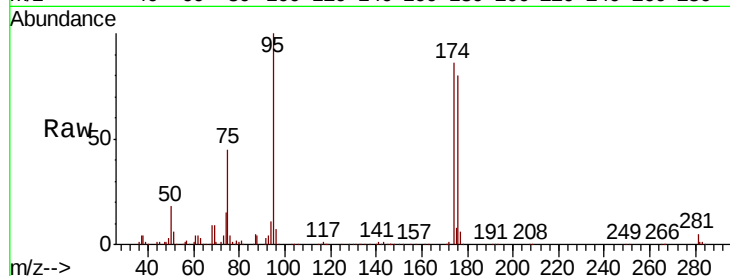




#62
4-Bromofluorobenzene
Concen: 39.161 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013773.D
Acq: 28 Oct 2019 18:07

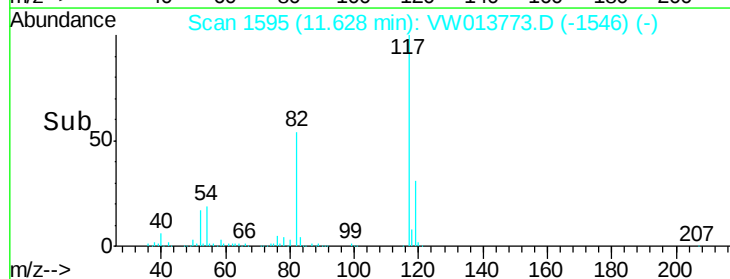
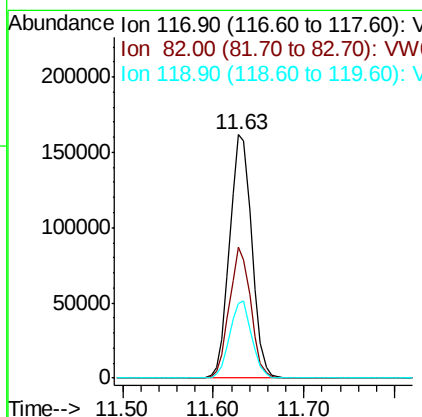
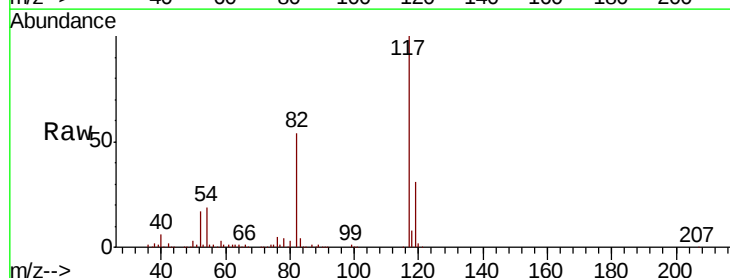
Instrument :
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201-22-(1)

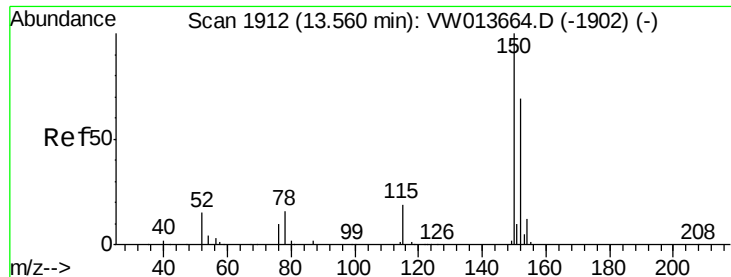
Tot Ion	95	Resp	103566
Ion Ratio	Lower	Upper	
95	100		
174	91.9	0.0	183.6
176	88.5	0.0	178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013773.D
Acq: 28 Oct 2019 18:07

Tgt Ion	117	Resp	274417
Ion Ratio	Lower	Upper	
117	100		
82	53.8	43.6	65.4
119	30.7	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: VW013773.D

Acq: 28 Oct 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

201-22-(1)

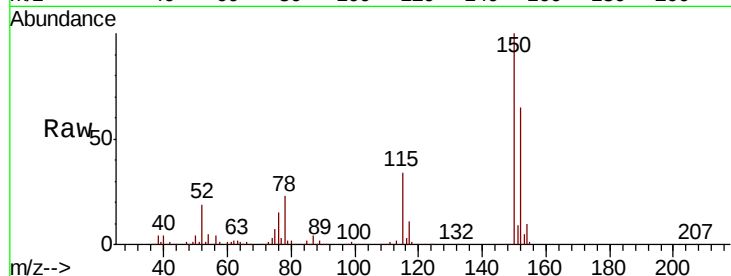
Tot Ion:152 Resp: 90246

Ion Ratio Lower Upper

152 100

115 55.3 27.4 82.2

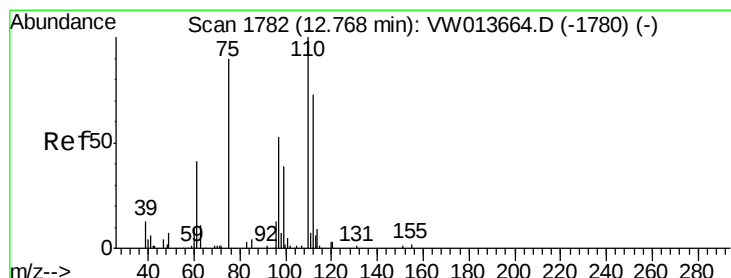
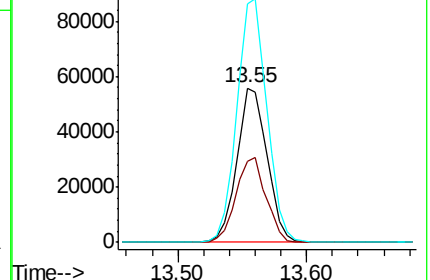
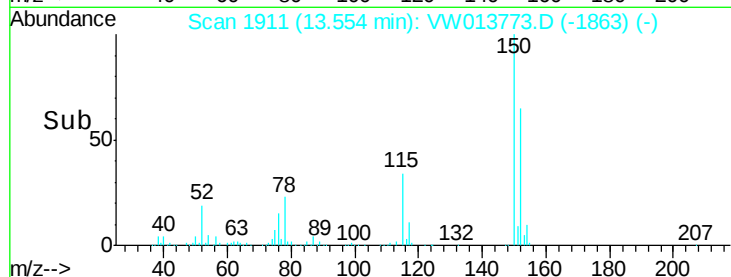
150 158.1 0.0 345.4



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: 73.684 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013773.D

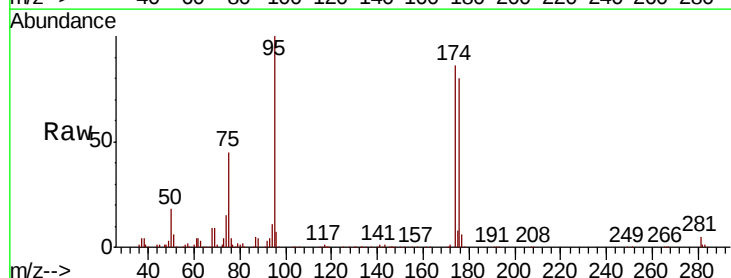
Acq: 28 Oct 2019 18:07

Tgt Ion: 75 Resp: 47754

Ion Ratio Lower Upper

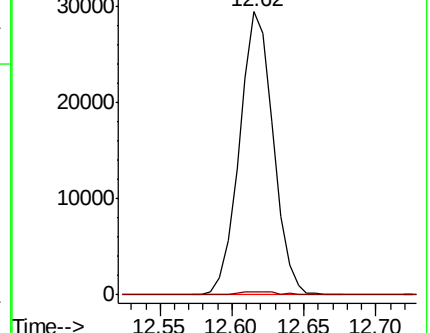
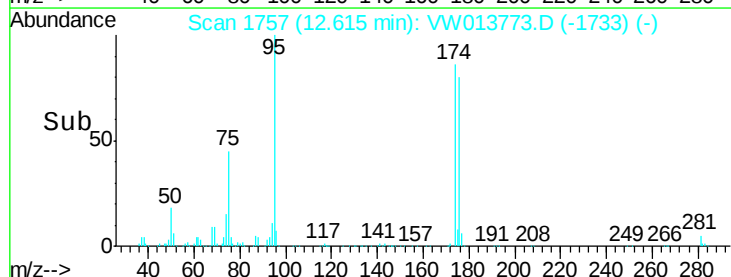
75 100

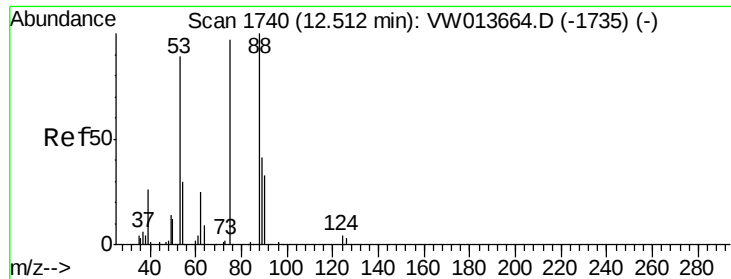
77 1.4 0.0 0.0#



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: 139.252 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013773.D

Acq: 28 Oct 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

201-22-(1)

Tot Ion: 75 Resp: 47754

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

