

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014000.D
 Acq On : 13 Nov 2019 12:22
 Operator : SY/VA
 Sample : K5730-02
 Misc : 6.95G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 14 05:53:51 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

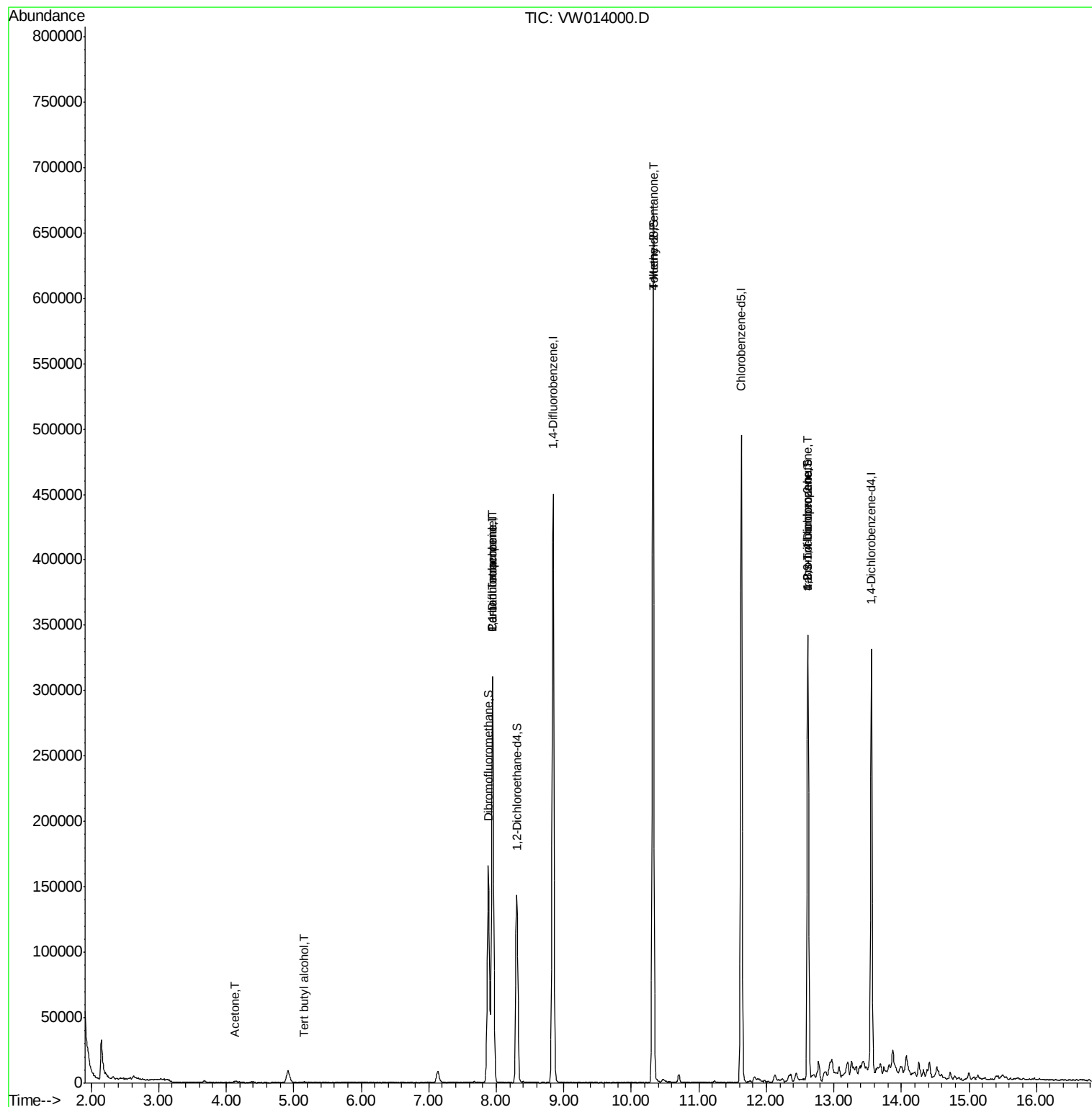
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115516	59.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.68%	
35) Dibromofluoromethane	7.88	113	119714	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
50) Toluene-d8	10.32	98	454640	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	109513	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	1238	10.653	ug/l #	77
16) Acetone	4.12	43	2252	5.456	ug/l	96
20) Methylene Chloride	4.92	84	7809	Below Cal		94
36) 1,1-Dichloropropene	7.95	75	16553	4.497	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22105	6.669	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2052	1.531	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	51475	73.849	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51475	139.565	ug/l #	14

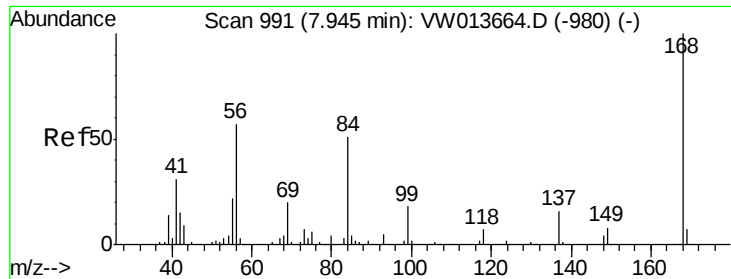
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111319\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Nov 14 05:53:51 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: VW014000.D

Acq: 13 Nov 2019 12:22

Instrument :

MSVOA_W

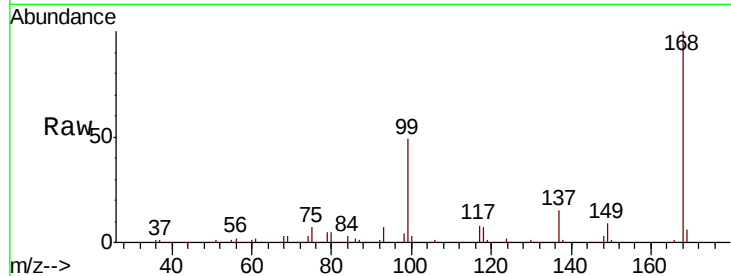
ClientSampleId :

Tot Ion:168 Resp: 259487

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

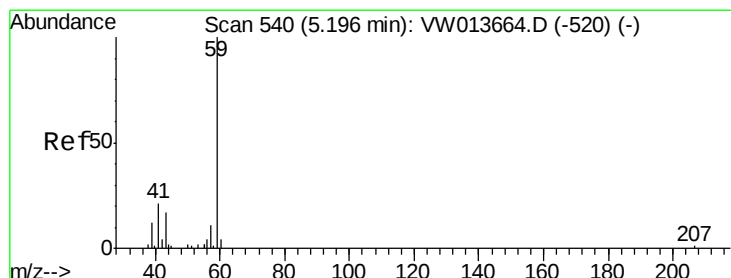
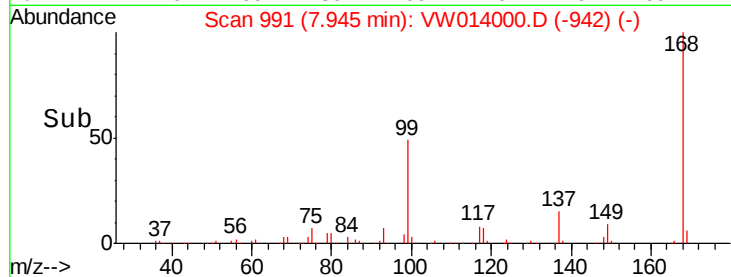
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 10.653 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.03 min

Lab File: VW014000.D

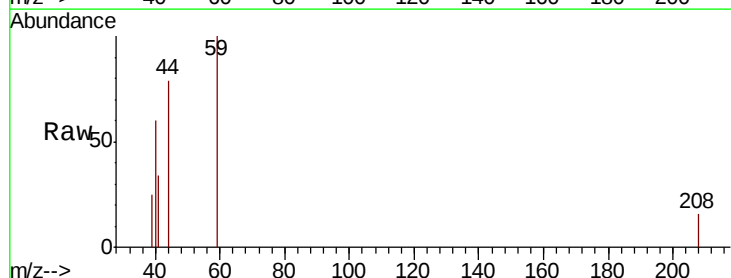
Acq: 13 Nov 2019 12:22

Tgt Ion: 59 Resp: 1238

Ion Ratio Lower Upper

59 100

57 2.1 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

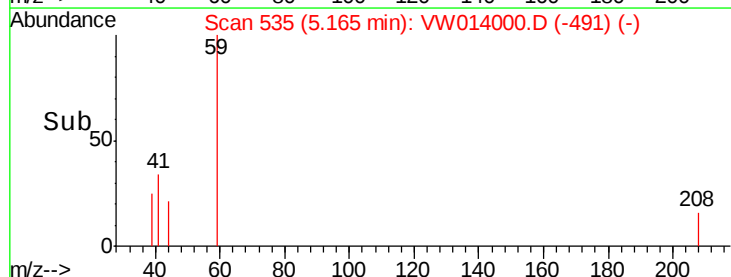
300

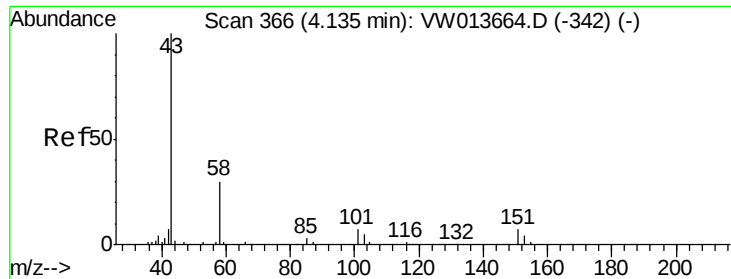
200

100

0

Time--> 5.05 5.10 5.15 5.20





#16

Acetone

Concen: 5.456 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW014000.D

Acq: 13 Nov 2019 12:22

Instrument :

MSVOA_W

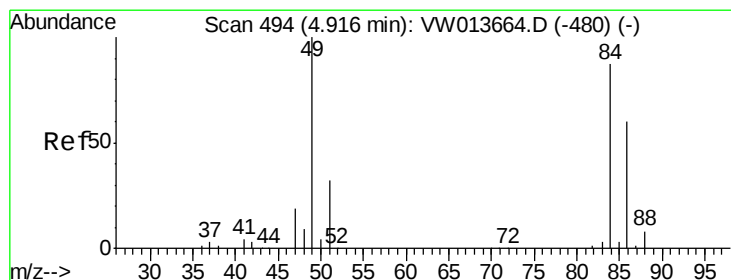
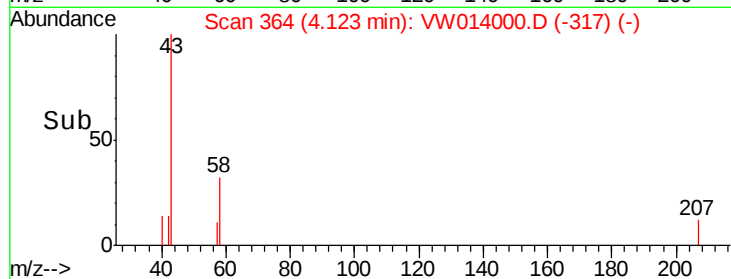
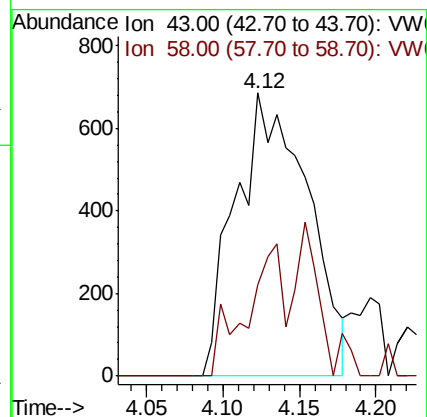
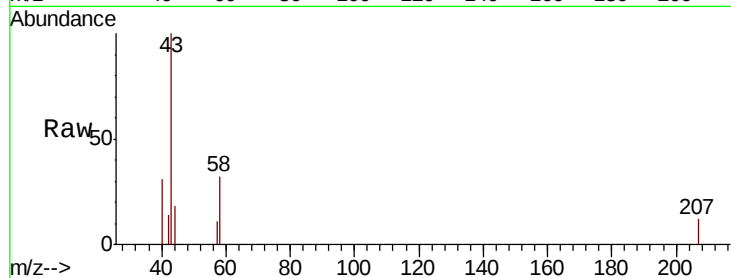
ClientSampleId :

Tot Ion: 43 Resp: 2252

Ion Ratio Lower Upper

43 100

58 32.4 24.1 36.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014000.D

Acq: 13 Nov 2019 12:22

Tgt Ion: 84 Resp: 7809

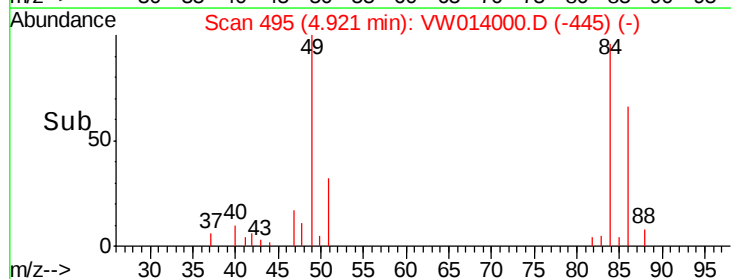
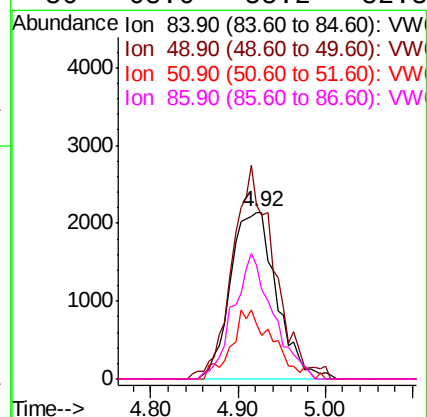
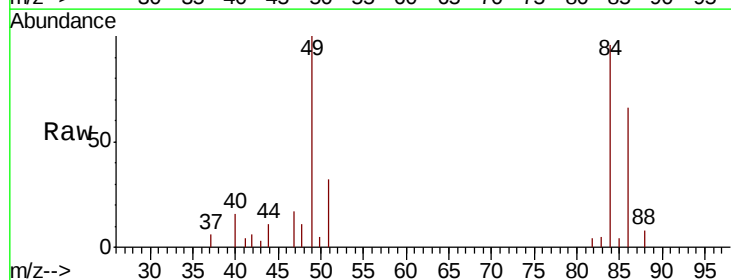
Ion Ratio Lower Upper

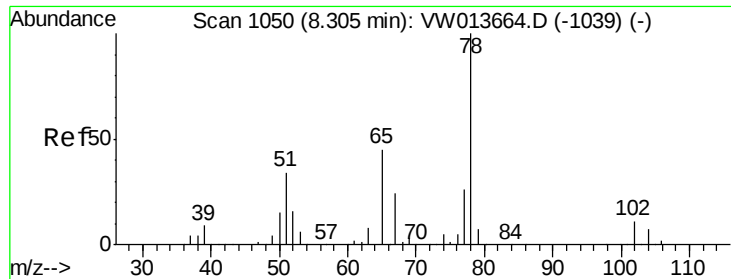
84 100

49 104.1 91.8 137.6

51 33.0 29.8 44.6

86 68.6 55.2 82.8

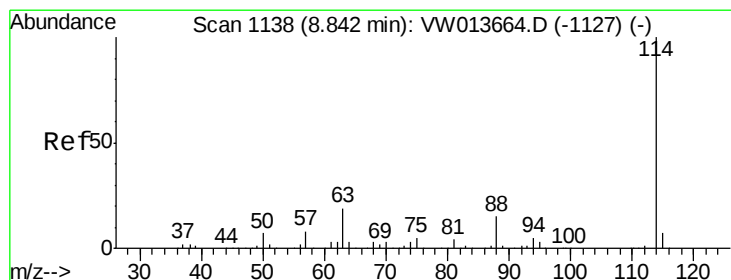
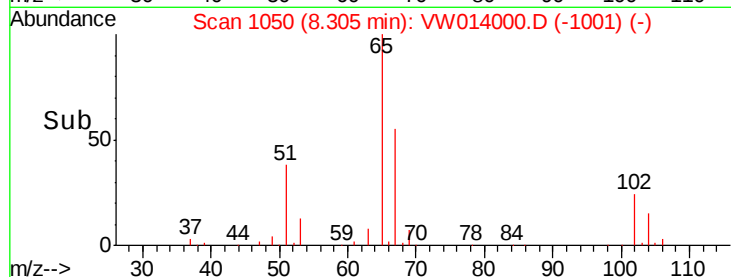
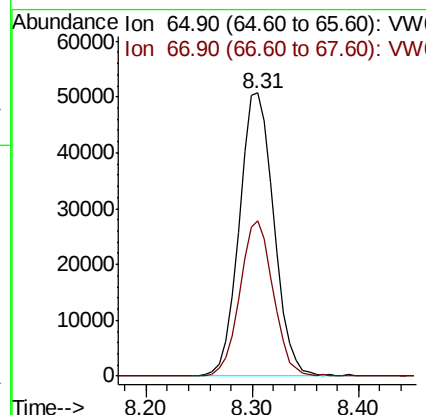
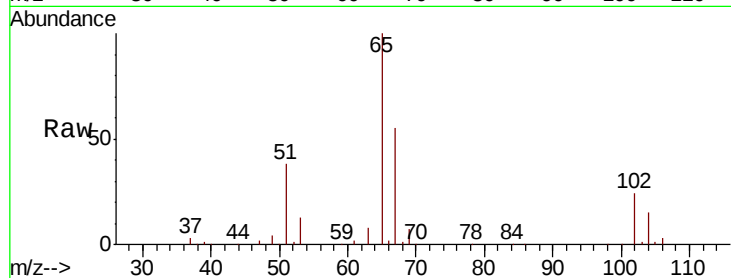




#33
 1,2-Dichloroethane-d4
 Concen: 59.343 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW014000.D
 Acq: 13 Nov 2019 12:22

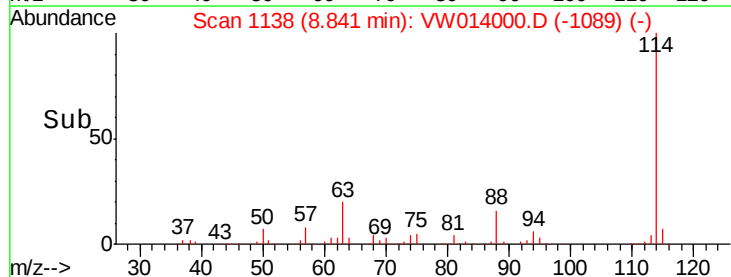
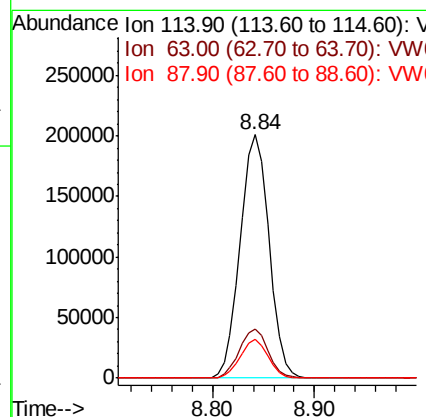
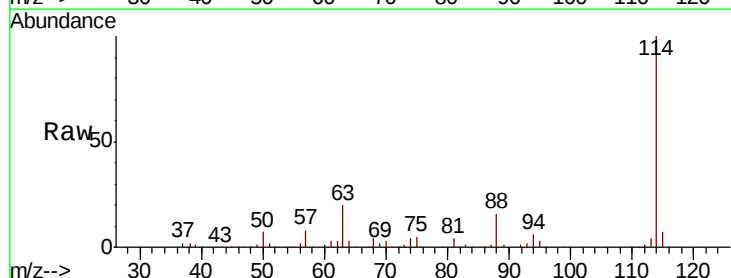
Instrument :
 MSVOA_W
 ClientSampled :

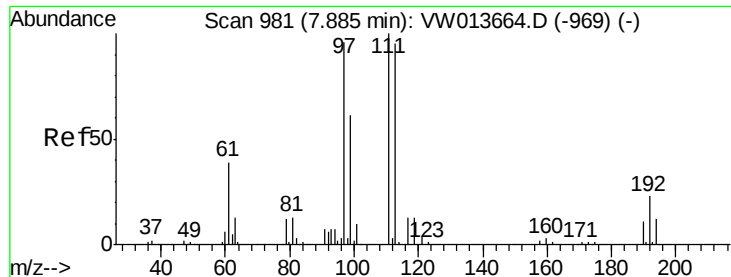
Tot Ion: 65 Resp: 115516
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014000.D
 Acq: 13 Nov 2019 12:22

Tgt Ion: 114 Resp: 395221
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.6
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.513 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW014000.D

Acq: 13 Nov 2019 12:22

Instrument :
MSVOA_W
ClientSampled :

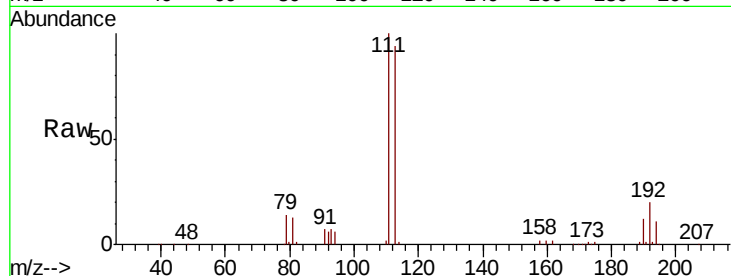
Tot Ion:113 Resp: 119714

Ion Ratio Lower Upper

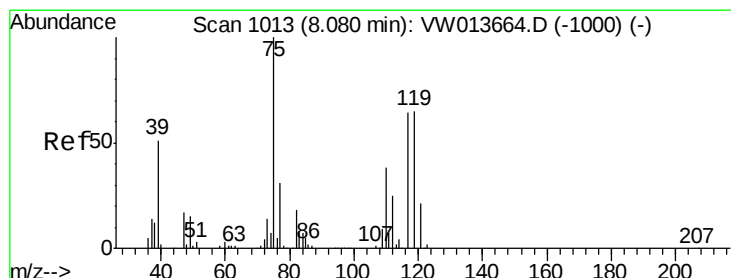
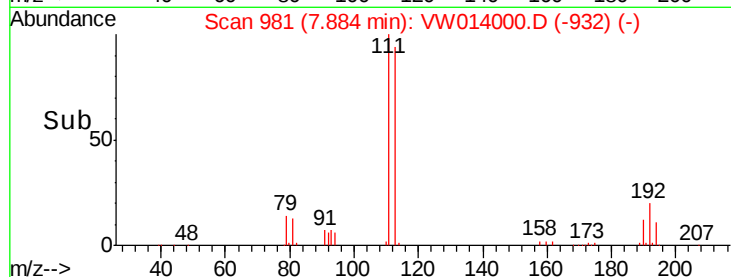
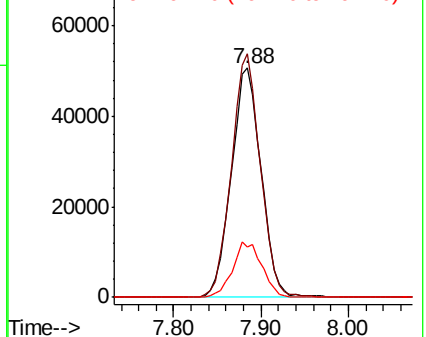
113 100

111 103.3 83.0 124.6

192 23.7 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: 4.497 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW014000.D

Acq: 13 Nov 2019 12:22

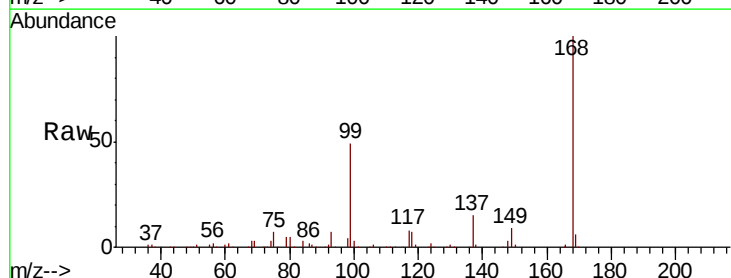
Tgt Ion: 75 Resp: 16553

Ion Ratio Lower Upper

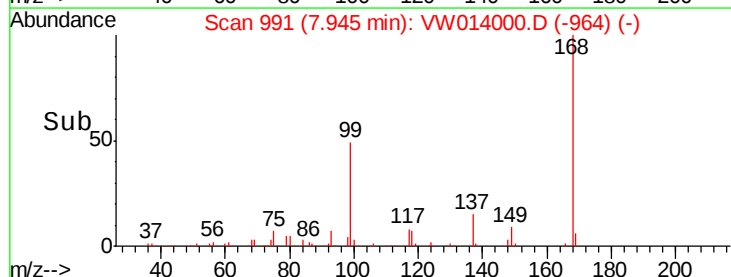
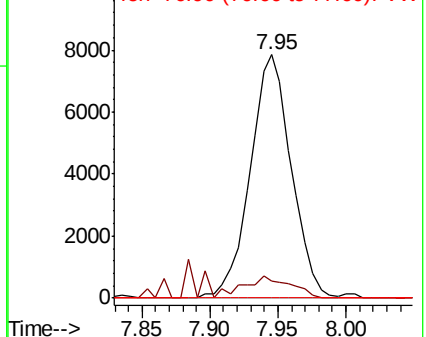
75 100

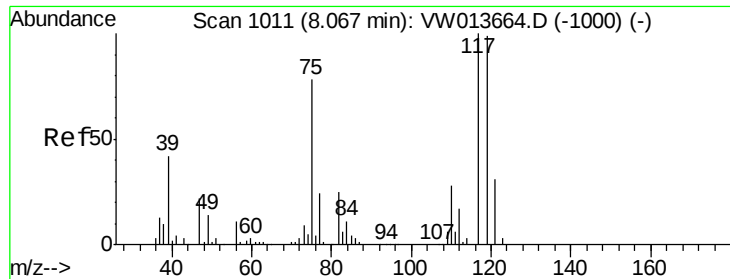
110 9.4 18.7 56.1#

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

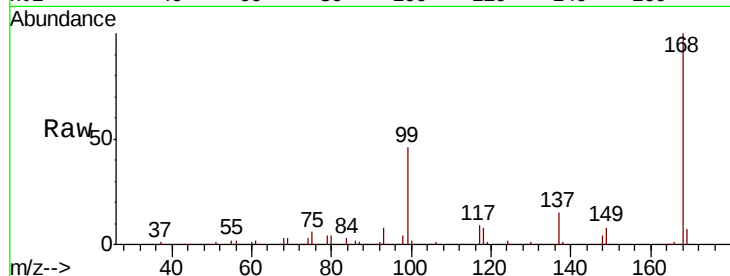




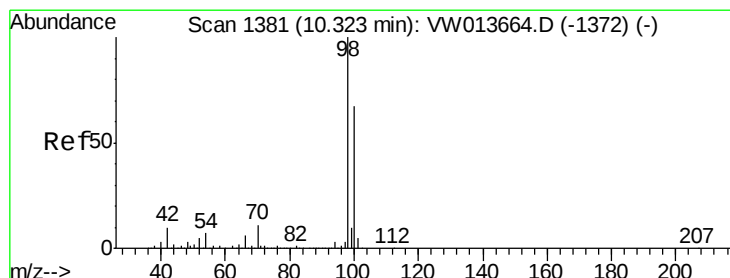
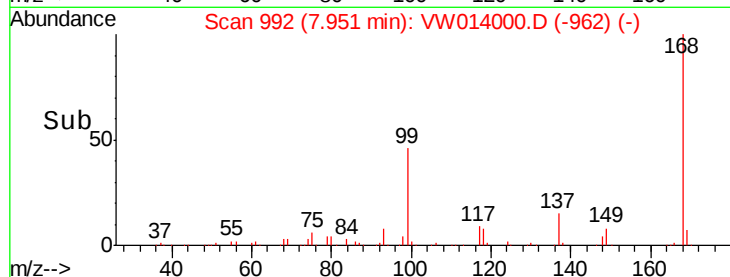
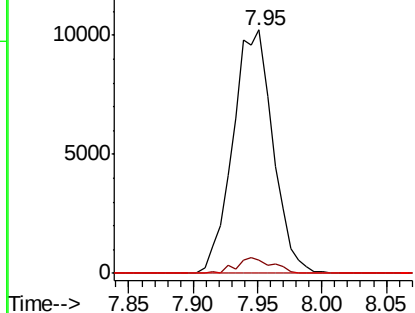
#38
Carbon Tetrachloride
Concen: 6.669 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW014000.D
Acq: 13 Nov 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 22105
Ion Ratio Lower Upper
117 100
119 5.7 79.0 118.4#
121 0.0 24.5 36.7#

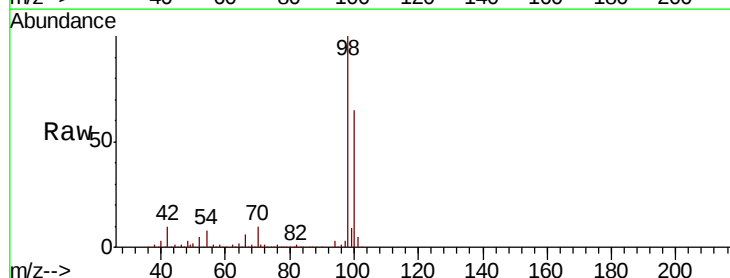


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

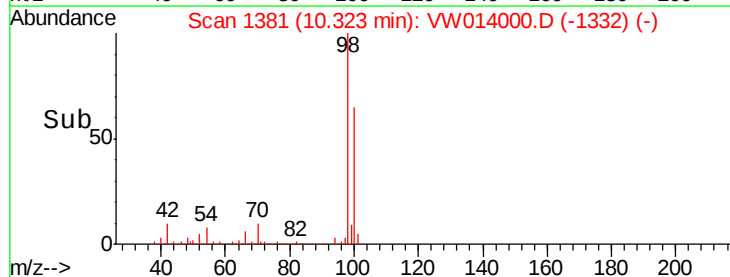
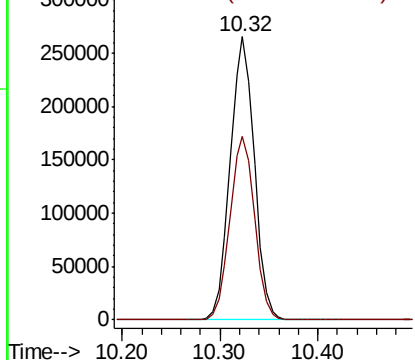


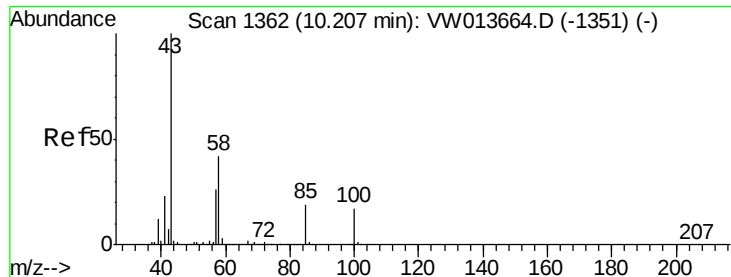
#50
Toluene-d8
Concen: 50.807 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014000.D
Acq: 13 Nov 2019 12:22

Tgt Ion: 98 Resp: 454640
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0



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





#51

4-Methyl-2-Pentanone

Concen: 1.531 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW014000.D

Acq: 13 Nov 2019 12:22

Instrument :

MSVOA_W

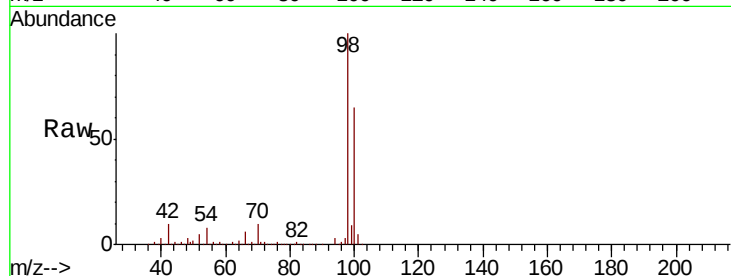
ClientSampleId :

Tot Ion: 43 Resp: 2052

Ion Ratio Lower Upper

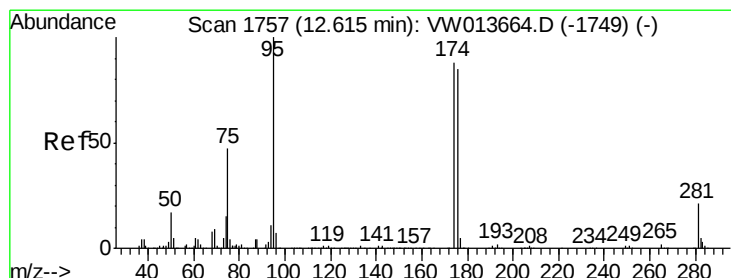
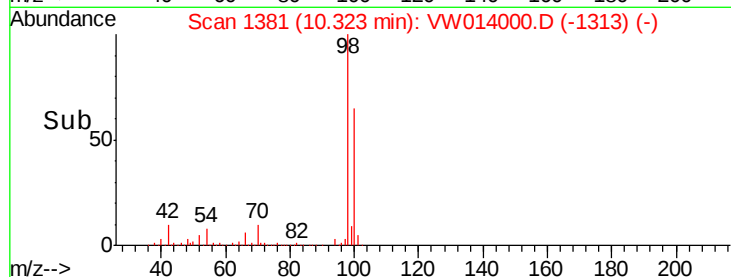
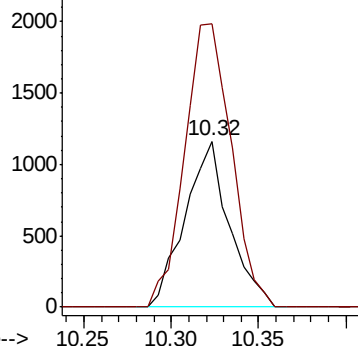
43 100

58 179.4 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 36.143 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014000.D

Acq: 13 Nov 2019 12:22

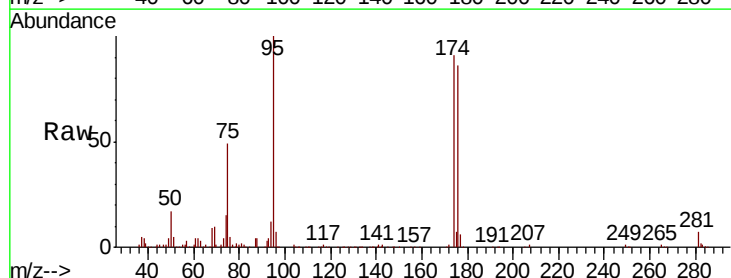
Tgt Ion: 95 Resp: 109513

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.6

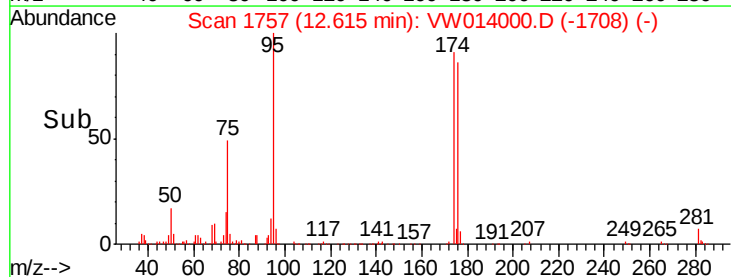
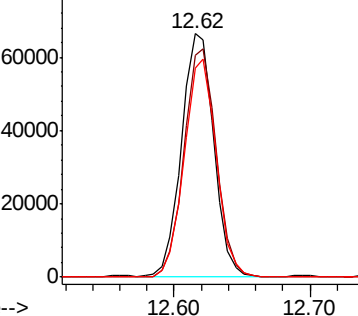
176 89.2 0.0 178.0

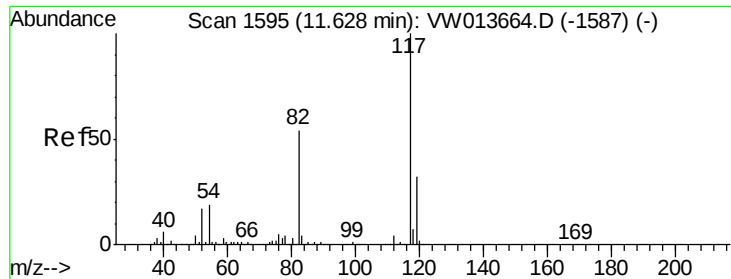


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

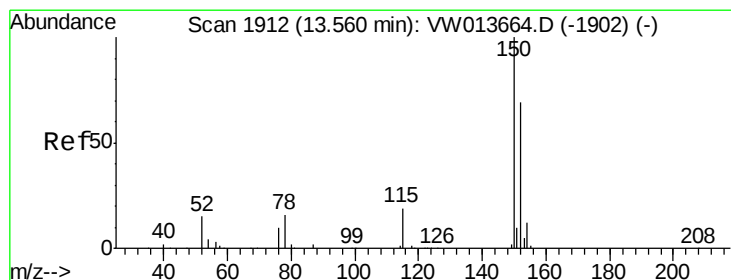
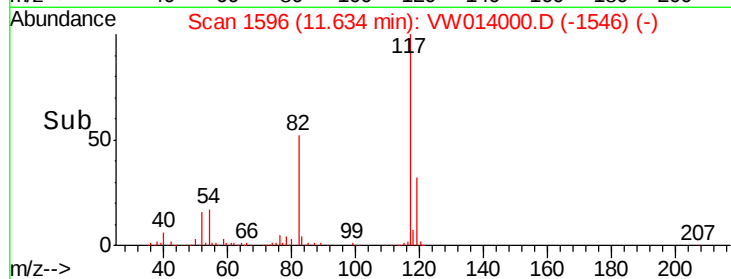
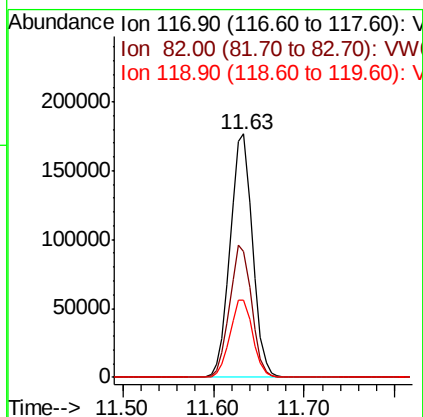
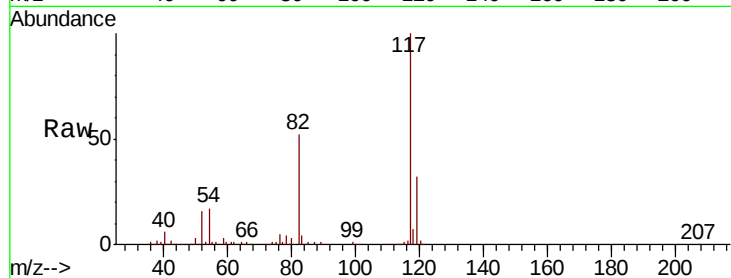




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW014000.D
Acq: 13 Nov 2019 12:22

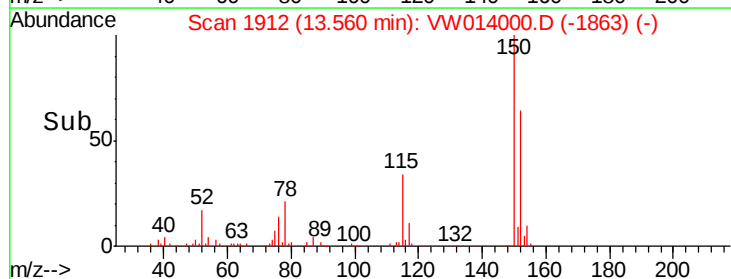
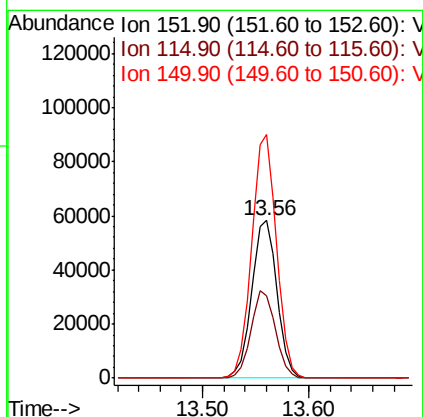
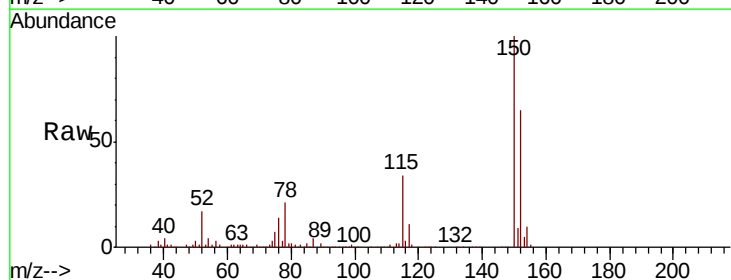
Instrument :
MSVOA_W
ClientSampled :

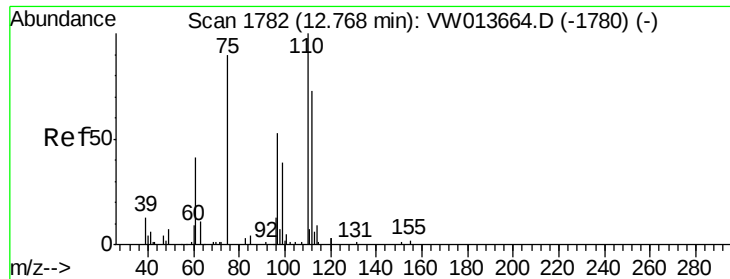
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.6	65.4
119	31.9	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW014000.D
Acq: 13 Nov 2019 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.4	82.2
150	151.1	0.0	345.4





#76

1,2,3-Trichloropropane

Concen: 73.849 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014000.D

Acq: 13 Nov 2019 12:22

Instrument :

MSVOA_W

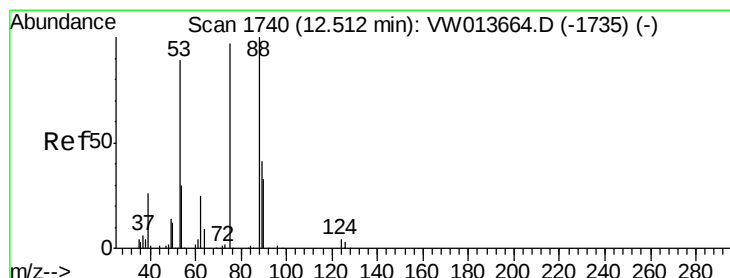
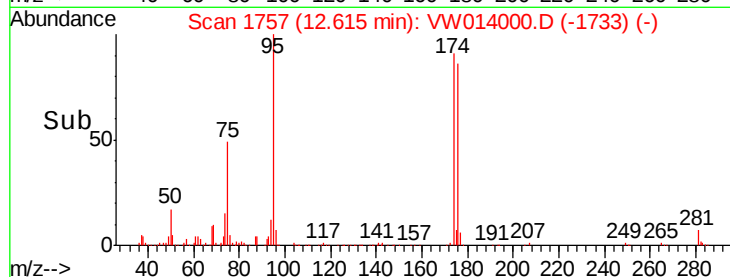
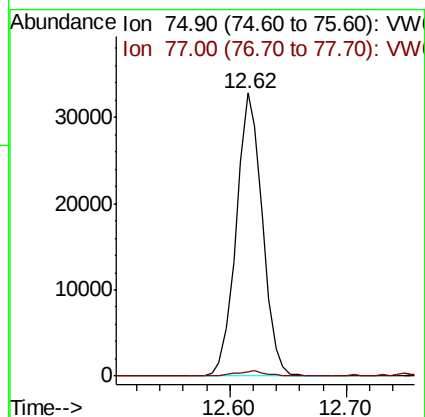
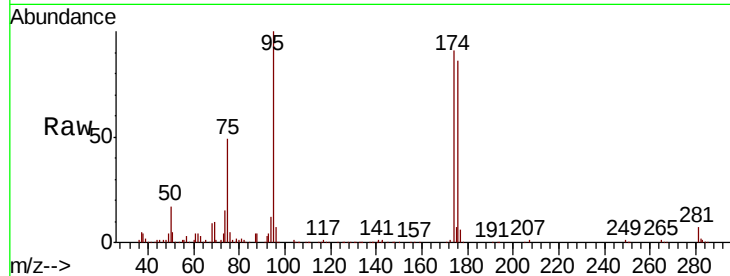
ClientSampleId :

Tot Ion: 75 Resp: 51475

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.565 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014000.D

Acq: 13 Nov 2019 12:22

Tgt Ion: 75 Resp: 51475

Ion Ratio Lower Upper

75 100

53 0.3 71.7 107.5#

89 0.0 35.8 53.8#

